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**All data, including phase data, are available on CD-ROM/DVD-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;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C, South of Fiji Islands
Code Station Name Δ° AZ° Phase ID ISC Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

```

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

1d 1h

BCIP	Isia Barro Col	3.61	44	Pn	01 25 16.2 -0.8
BCIP				Sn	01 25 54.6 -4.1
BCIP	Isia Barro Col	3.61	44	eP	01 25 16.0 -1.0
BCIP				Sn	01 26 02.4 +3.7
FLAM	Flamenco Isian	3.66	50	eS	01 25 59.9 +0.1
UPA	Univ. de Panam	3.70	49	eS	01 25 47.6 +0.7
HDC	Heredia	3.83	333	Pn	01 25 18.6 -1.6
HDC				Sn	01 26 03.2 -1.0
HDC	Heredia	3.83	333	eP	01 25 18.4 -1.7
HDC				Sn	01 26 01.4 -2.8
JTS	Las Juntas de	4.50	326	eS	01 25 27.2 -0.3
JTS				Sn	01 26 19.5 -1.2
ESPN	Las Esperanzas	5.91	341	Pn	01 25 47.0 -1.7
ESPN				Sn	01 26 50.9 -4.6
ACON	Acopya	6.04	333	Pn	01 25 49.3 -1.2
ESTN	Estel	7.60	329	Pn	01 26 09.9 -2.0
CGIG	Comitan	13.59	316	Pn	01 27 32.1 -2.1
TEIG	Tepeich	14.74	338	P	01 27 47.2 -2.4
AOPR	Arecibo Observ	19.21	51	P	01 28 45.3 +0.4
AOPR				IAMB	01 28 56.1
Y58A	comp=Z, 19nm, 1.0s	27.32	5	P	01 30 05.6 +0.2
T49A	Edmonton	30.54	355	P	01 30 32.1 -1.9
T49A				IAMB	01 30 41.3
ANMO	comp=Z, 4.1nm, 1.1s	35.92	325	P	01 31 23.1 +2.0
ANMO				IAMB	01 31 23.8
SDCO	comp=Z, 3.4nm, 0.9s	37.48	329	P	01 31 36.3 +1.7
X16A	Great Sand Dun	38.58	320	P	01 31 46.1 +2.4
MVCO	Lo Mia Camp, P	38.69	326	P	01 31 46.7 +2.0
MVCO	Mesa Verde			IAMB	01 31 47.4
WUAZ	comp=Z, 7.2nm, 1.0s	39.24	321	P	01 31 51.6 +2.4
WUAZ				IAMB	01 31 53.0
PV12	comp=Z, 4.9nm, 1.1s	39.65	327	P	01 31 54.8 +2.1
PV11	Saucer Basin	39.68	327	P	01 31 55.3 +2.4
PV11	David Mesa, Pa			IAMB	01 31 55.4
SRU	comp=Z, 8.1nm, 0.9s	41.16	326	P	01 32 07.0 +1.8
ELK	San Rafael Swe	44.94	324	P	01 32 37.8 +2.0
YHL	Hebgen Lake	45.65	331	P	01 32 44.1 +2.7
BCAR	Beaver Creek A	70.65	335	P	01 35 37.3 +1.5
ILAR	Eielson Array	73.39	336	P	01 35 51.8 -0.4
CHGN	Chignik	76.83	326	P	01 36 13.7 +1.6

SFS 01 01:31:40.0, 40:33N:0:78E, h3km, ML2.9, GOLFO DE VALENCIA
MRB 01 01:31:40.5-0.3, 40:38N:0:70E, h3km, 2km, ML2 8/14, Error ellipse: s-maj=1.3km s-min=1.0km az=309.0
MDD 01 01:31:40.4-0.0, 40:40N:0:71E, h3km, 2km, mBLg2.9/24, Error ellipse: s-maj=1.1km s-min=1.1km az=143.0, PRXIMO

LDG 01 01:31:40.6-0.1, 40:36N:0:79E, h2km, MI3.0/27, Error ellipse: s-maj=2.9km s-min=2.1km az=134.0
STR 01 01:31:41.9-1.1, 40:18N:0:78E, h2km, 4km, mBS.5/1, mB3.5/1, ML3.3/7, MWM(B)5.0/1
ISC 01 01:31:38.1-1.2, 40:40N:0:02:0:78E:0:02, h5km, g1km, n175, o1857/282, Spain

Code	Station Name	Δ ^A	AZ ^Z	Phase ID	Time	Res
					h m s	ISC
ALCN	Alcanar	0.27	303	Op	Pb	01 31 45.6 +0.3
ALCN				Sb	01 31 49.6 -0.6	
ALCN				Ss	01 31 45.6 +0.3	
ALCN	Alcanar	0.27	303	S	Pb	01 31 49.6 -0.6
ALCN				Sb	01 31 45.6 +0.3	
ALCN				Ss	01 31 49.6 -0.6	
CMAS	Mas de Barbera	0.48	313	P	Pb	01 31 49.6 +0.6
CMAS				Pb	01 31 56.0 -0.3	
CMAS	Mas de Barbera	0.48	313	S	Pb	01 31 49.6 +0.6
CMAS				Sb	01 31 56.0 -0.3	
CMAS	Mas de Barbera	0.48	313	P	Pb	01 31 49.6 +0.6
CMAS				Sb	01 31 56.2 -0.1	
COBS	515nm, 0.4s	0.54	55	P	Pn	01 31 52.8 +0.5
COBS	Casablanca	0.54	55	P	Pn	01 31 52.8 +0.5
COBS	Casablanca	0.54	55	P	Pn	01 31 52.2 -0.1
COBS				Ss	01 32 01.2 -0.5	
VANZ	Vandellos 2	0.55	4	P	Pn	01 31 52.2 -0.4
VANZ				Sb	01 32 00.2 +1.9	
VANZ	Vandellos 2	0.55	4	P	Pn	01 31 52.2 -0.4
VANZ				Sb	01 32 00.2 +1.9	
VANZ	Vandellos 2	0.55	4	P	Pn	01 31 52.2 -0.4
VANZ				Sb	01 32 00.2 +1.9	
ERTA	Horta de San J	0.65	329	P	Pb	01 31 53.0 +1.1
ERTA				Pb	01 32 01.8 +0.6	
ERTA				Lg	01 32 04.0	
ERTA	Horta de San J	0.65	329	P	Pb	01 31 53.0 +1.1
ERTA				Sb	01 32 01.8 +0.6	
ERTA				Lg	01 32 04.0	
ERTA	Horta de San J	0.65	329	P	Pb	01 31 52.9 +1.1
ERTA				Sb	01 32 02.2 +1.0	
CGAR	908nm, 0.4s	0.93	17	P	Pn	01 32 03.1 +5.3
CGAR	Garraf			Sn	01 32 20.3 +8.8	
EMOS	89nm, 0.5s	0.95	268	P	Pn	01 31 58.1 -0.2
EMOS	Mosqueruela			Lg	01 32 10.8 +0.6	
EMOS				Sb	01 32 13.0	
EMOS	65nm, 0.1s	0.95	268	P	Pn	01 31 58.1 -0.2
EMOS	Mosqueruela			Lg	01 32 10.8 +0.6	
EMOS				Sb	01 32 13.0	
EMOS	65nm, 0.1s	0.95	268	P	Pn	01 31 57.8 -0.4
EMOS	Mosqueruela			Sb	01 32 10.3 +0.1	
EPOB	183nm, 0.6s	0.97	13	P	Pn	01 31 59.6 +1.2
EPOB	Poblet			Ss	01 31 52.2 -0.1	
EPOB				Lg	01 32 15.0	
EPOB	82nm, 0.1s	0.97	13	P	Pn	01 31 59.6 +1.2
EPOB	Poblet			Lg	01 32 12.6 -0.1	
EPOB				Ss	01 32 15.0	
EPOB	82nm, 0.1s	0.97	13	P	Pn	01 31 59.5 +1.0
EPOB	Poblet			Ss	01 32 13.6 +0.9	
FBR	122nm, 0.3s	1.44	45	eP	Pb	01 32 05.9 +0.6
FBR	Fabra			Pb	01 32 05.9 +0.6	
EIBI	Ibiza	1.44	162	P	Pg	01 32 05.1 -0.6
EIBI				Lg	01 32 25.3 +1.2	
EIBI				Lg	01 32 30.0	
EIBI	66nm, 0.3s	1.44	162	P	Pg	01 32 05.1 -0.6
EIBI	Ibiza			Lg	01 32 25.3 +1.2	
EIBI				Lg	01 32 30.0	
EIBI	66nm, 0.3s	1.44	162	P	Pg	01 32 05.1 -0.6
EIBI	Ibiza			Ss	01 32 25.3 +1.2	
CAVN	Les Avellanes	1.48	359	P	Pb	01 32 07.1 +1.1
CAVN				Pb	01 32 07.1 +1.1	
CAVN	Les Avellanes	1.48	359	P	Pb	01 32 06.4 +0.4
CAVN				Sn	01 32 25.8 +0.7	
ECHE	322nm, 0.4s	1.57	239	P	Pn	01 32 06.9 +0.4
ECHE	Chera			Lg	01 32 35.0	
ECHE	17nm, 0.3s	1.57	239	P	Pn	01 32 06.9 +0.4
ECHE	Chera			Lg	01 32 35.0	
EMIR	17nm, 0.3s	1.61	20	P	Pg	01 32 09.4 +0.5
EMIR	Miracle			Sg	01 32 30.0 +0.2	
EMIR				Lg	01 32 38.0	
EMIR	121nm, 0.3s	1.61	20	P	Pg	01 32 09.4 +0.5
EMIR	Miracle			Sg	01 32 30.0 +0.2	
EMIR				Lg	01 32 38.0	
ESAC	121nm, 0.3s	1.62	325	P	Pg	01 32 09.9 +0.8
ESAC	San Caprasio			Pg	01 32 09.9 +0.8	
ETOS	Mallorca	1.69	111	P	Pn	01 32 08.7 +0.5
ETOS				Sn	01 32 29.9 -0.3	
ETOS	Mallorca	1.69	111	S	Pn	01 32 08.7 +0.5
ETOS				Sn	01 32 29.9 -0.3	

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ETOS	Mallorca	1.69	111	P	Pb	01 32 09.0 -0.5
CORI	Orista	1.84	31	P	Sb	01 32 11.7 -0.4
CORI				Ss	01 32 34.9 +1.0	
100nm, 0.5s						
CFON	Fontmartina	1.85	42	P	Sb	01 32 12.0 -0.4
CFON				Sn	01 32 35.2 +1.0	
CFON	Fontmartina	1.85	42	P	Sb	01 32 12.0 -0.4
CFON				Ss	01 32 35.2 +1.0	
CFON	Fontmartina	1.85	42	P	Sn	01 32 11.5 +1.0
CFON				Sn	01 32 35.1 +1.0	
82nm, 0.3s						
CORG	Organya	1.87	12	P	Pb	01 32 12.1 -0.6
CORG				Ss	01 32 35.4 +1.0	
41nm, 0.3s						
EBENZ	Beniarda presa	1.88	204	P	Pn	01 32 11.0 +0.2
EBENZ				Sn	01 32 33.4 -1.6	
EBENZ	Beniarda presa	1.88	204	P	Pn	01 32 11.0 +0.2
EBENZ				Sn	01 32 33.4 -1.6	
CTRE	Tremp	1.92	360	P	Sb	01 32 13.6 0.0
CTRE				Sb	01 32 38.9 +1.0	
CTRE	Tremp	1.92	360	P	Sb	01 32 13.6 0.0
CTRE				Ss	01 32 38.9 +1.0	
CTRE	Tremp	1.92	360	P	Sb	01 32 12.3 +0.9
CTRE				Ss	01 32 36.1 +0.1	
70nm, 0.5s						
CSOR	Sort	1.99	8	P	Pn	01 32 14.7 0.0
CSOR				Lg	01 32 38.8 +1.0	
CSOR				Lg	01 32 48.0	
91nm, 0.2s						
CSOR	Sort	1.99	8	P	Pb	01 32 14.7 0.0
CSOR				Lg	01 32 38.8 +1.0	
CSOR				Lg	01 32 48.0	
91nm, 0.2s						
CSOR	Sort	1.99	8	P	Pb	01 32 14.0 -0.7
CSOR				Sn	01 32 38.7 +0.9	
102nm, 0.4s						
ARBS	La Rabassa	2.12	16	P	Pb	01 32 16.7 -0.5
ARBS	La Rabassa	2.12	16	P	Pb	01 32 16.7 -0.5
CBRU	Bruguera	2.16	29	P	Sb	01 32 16.9 -0.8
CBRU				Sb	01 32 44.4 -0.3	
CBRU	Bruguera	2.16	29	P	Sb	01 32 16.9 -0.8
CBRU				Ss	01 32 44.4 -0.3	
CCAS	Cassa de la Se	2.18	47	S	Sn	01 32 43.6 +1.2
33nm, 0.5s						
ETOR	Torete	2.20	282	P	Pb	01 32 18.2 -0.1
ETOR				Lg	01 32 53.0	
146nm, 0.5s						
CEST	Esterrí de Car	2.22	9	P	Pb	01 32 18.1 -0.7
CEST				Sb	01 32 48.9 +0.2	
CEST	Esterrí de Car	2.22	9	P	Pb	01 32 18.1 -0.7
CEST				Sb	01 32 48.9 +0.2	
CLLI	Llivia	2.26	23	P	Sb	01 32 18.6 -0.8
CLLI				Sn	01 32 45.5 +1.1	
CLLI				Lg	01 33 00.0	
40nm, 0.4s						
CLLI	Llivia	2.26	23	P	Sb	01 32 18.6 -0.8
CLLI				Sn	01 32 45.5 +1.1	
CLLI				Lg	01 33 00.0	
40nm, 0.4s						
CLLI	Llivia	2.26	23	S	Sn	01 32 45.0 +0.5
29nm, 0.5s						
ECHI	Chisagues Biel	2.30	349	P	Pb	01 32 19.7 -0.4
ECHI				Sb	01 32 48.1 -0.8	
ECHI				Lg	01 33 00.0	
13nm, 0.2s						
ECHI	Chisagues Biel	2.30	349	P	Pb	01 32 19.7 -0.4
ECHI				Sb	01 32 48.1 -0.8	
ECHI				Lg	01 33 00.0	
13nm, 0.2s						
CARA	Val d'Aran	2.30	1	P	Pb	01 32 19.1 -1.0
CARA	Val d'Aran	2.30	1	P	Pb	01 32 19.1 -1.0
CARA	Val d'Aran	2.30	1	P	Pb	01 32 17.5 +0.7
CBEU	Beuda	2.34	37	P	Pb	01 32 19.3 -1.4
CBEU				Pb	01 32 48.9 +0.3	
CBEU	Beuda	2.34	37	P	Pb	01 32 19.3 -1.4
CBEU				Ss	01 32 49.6 -0.3	
CBEU	Beuda	2.34	37	S	Sn	01 32 46.8 +0.5
122nm, 0.3s						
ETOB	Tobarra	2.51	226	P	Sn	01 32 20.0 +0.4
ETOB				Sn	01 32 49.0 -1.7	
ETOB				Lg	01 33 03.0	
5.2nm, 0.2s						
ETOB	Tobarra	2.51	226	P	Sn	01 32 20.0 +0.4
ETOB				Sn	01 32 49.0 -1.7	
ETOB				Lg	01 33 03.0	
5.2nm, 0.2s						
FILF	Filloles	2.54	31	P	Pn	01 32 21.3 +1.4
FILF	Fillo					

ISCJB 01 02:51:27.9.0.5, 24.82S, 0.03:69.04W, 0.07, h123km, 6km, mb3.6/1, Error ellipse: s-maj=10.6km s-min=4.9km az=168.0

SJA 01 02:51:27.5.0.8, 24.79S:69.08W, h133km, 6km, ML3.3, MW3.4

GUC 01 02:51:29.2.0.7, 24.79S:69.04W, h104km, 7km, ML3.9

ISC 01 02:51:28.1.0.9, 24.80S:0.04:69.00W, 0.06, h109km, 10km, n34, c2343/52, 7C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like GO02, PB14, PB15, etc.

IDC 01 02:53:10.2:46.0, 16:55S:171:46W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/36, mbtmp4.1/3, Error ellipse: s-maj=903.1km s-min=175.7km az=80.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like STKA, WRA, ASAR.

NEIC 01 02:56:44.2:2.0, 34:50S:0.05:73:79W, 0.1, h19km, 3km, mb4.2/6

IDC 01 02:56:44.1:0.9, 34:64S:73:73W, h0km, mb3.9/8, mb1 4.1/11, mb1mx4.0/30, mbtmp3.9/11, ML3.8/2, MS3.1/8, Ms1 3.1/8, ms1mx3.0/34, Error ellipse: s-maj=27.5km s-min=18.6km az=96.0

ISCJB 01 02:56:45.9:0.6, 34:54S:0.03:73:82W, 0.05, h33km, mb3.9/8, MS3.1/5, Error ellipse: s-maj=6.5km s-min=4.5km az=5.6

GUC 01 02:56:46.6:0.8, 34:52S:73:77W, h26km, 7km, ML3.6

ISC 01 02:56:48.2:0.7, 34:55S:0.04:73:78W, 0.08, h35km, n38, r155/41, mb4.1/9, MS3.2/5, 1D, Off coast of central Chile region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like GO05, CCHI, ROC1, etc.

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

NEIC 01 03:26:59.9:0.9, 37:71N:0.02:122:53W, 0.03, h5km, 3km, Md2.3

NEIC 01 03:27:00.1:0.9, 37:70N:0.02:122:55W, 0.03, h11km, 2km, Central California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like J061, JPRM, JSBM, etc.

CRAAG 01 03:32:43.0, 40:33N:0.72E, Mw4.2

NEIC 01 03:32:44.2:2.1, 40:31N:0.02:0.78E:0.04, h6km, 5km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn-0.41; Mw-1.12; Ms-1.37; Mo-0.82; Mv-0.21; Mw-0.58; Fault plane solution: Mb1.7100x10^10; NP; e1:64.0000; e2:77.6000; e3:1.5300; N: 0.0443; e3:15.2300; e3:83.8900; e1:164.6600; Principal axes: T:1.6903, P1g15.0000; Azm20.0000; P:-1.7346, P1g35.0000; Azm169.0000;

MDD 01 03:32:44.7:0.0, 40:39N:0.71E, h1km, 1km, mbLg4.3/49

Error ellipse: s-maj=1.1km s-min=1.0km az=80.0, PRXIMO

SFS 01 03:32:45.0, 40:30N:0.70E, ML4.2, GOLFO DE VALENCIA

MRB 01 03:32:45.4:0.3, 40:38N:0.72E, h5km, 3km, ML4.2/16, Error ellipse: s-maj=1.6km s-min=1.2km az=123.0

LDG 01 03:32:45.6:0.1, 40:36N:0.79E, h2km, ML4.0/3, M4.5/56, Error ellipse: s-maj=2.1km s-min=1.3km az=132.0

IDC 01 03:32:45.1:0.9, 40:38N:0.73E, h0km, mb3.6/7, mb1 3.8/12, mb1mx3.7/66, mbtmp3.7/12, ML4.1/5, MS3.3/4, Ms1 3.3/4, ms1mx3.2/78, Error ellipse: s-maj=23.9km s-min=15.7km az=146.0

INMG 01 03:32:45.9:1.9, 40:32N:0.75E, h1km, 4km, MD4.0, ML3.9, Error ellipse: s-maj=3.5km s-min=1.9km az=119.0

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

ETOR	4µm,0.8s	2.19 281	P	Pn	03 33 22.5 +0.7	UCM	Universidad Co	3.07 269	S	Pn	03 34 09.5 -1.4	444nm,1.2s	EPLA	Plasencia	5.26 268	Lg	Lg	03 35 48.0
ETOR	4µm,0.8s		Lg	Pn	03 33 59.0	UCM	Universidad Co	3.07 269	S	Pn	03 34 09.5 -1.4	444nm,1.2s	EPLA	Plasencia	5.26 268	Pn	Lg	03 34 02.6 -1.4
CLLI	4µm,0.8s	2.22 24	P	Pn	03 33 23.5 +1.2	UCM	Universidad Co	3.07 269	eP	Pg	03 33 33.7 -0.3		EPLA	Plasencia	5.26 268	Lg	Lg	03 35 30.6
CLLI	1µm,0.6s		Lg	Pn	03 34 05.0	UCM	Universidad Co	3.07 269	eP	Pg	03 33 43.3 -0.9		EPLA	Plasencia	5.26 268	Lg	Lg	03 35 51.0
CLLI	1µm,0.6s	2.22 24	P	Pn	03 33 23.5 +1.2	MTLF	Montoliu	3.08 20	eP	Pn	03 33 34.9 +0.8		EARI	Arriondas	5.30 304	Lg	Lg	03 35 51.0
CLLI	1µm,0.6s		Lg	Pn	03 34 05.0	MTLF	Montoliu	3.08 20	eP	Pg	03 33 43.7 -0.6		EARI	Arriondas	5.30 304	Lg	Lg	03 35 51.0
CLLI	1µm,0.6s	2.22 24	P	Pn	03 33 21.8 -0.5	MTLF	521nm,0.5s	3.08 20	eP	Pn	03 33 34.9 +0.8		EARI	Arriondas	5.30 304	Pn	Lg	03 34 05.0 +0.5
CLLI	822nm,1.0s		S	Pn	03 33 49.6 -0.3	MTLF	Montoliu	3.08 20	Pn	Pn	03 33 34.9 +0.8		ECAB	Ei Cabril	5.36 246	Lg	Lg	03 35 49.0
CLLI	1µm,0.6s	2.22 24	Pn	Lg	03 33 23.5 +1.2	URDF	Urds	3.16 342	Pg	Sg	03 33 45.6 -0.2		ECAB	Ei Cabril	5.36 246	Lg	Lg	03 35 49.0
ECHI	Chisagues Biel	2.26 349	Pn	Pn	03 33 24.4 +1.6	URDF	Urds	3.16 342	Pg	Sg	03 34 27.9 +1.3		ECAB	Ei Cabril	5.36 246	Lg	Lg	03 34 04.5 -0.9
ECHI	145nm,0.1s		Lg	Pn	03 34 03.0	URDF	Urds	3.16 342	Pg	Sg	03 33 37.6 +2.6		ECAB	Ei Cabril	5.36 246	Lg	Lg	03 35 29.3
ECHI	145nm,0.1s	2.26 349	P	Lg	03 33 24.4 +1.6	CART	Cartagena	3.18 206	P	Pn	03 33 37.6 +2.6		HORN	Hornachuelos	5.36 243	P	S	03 34 09.5 +4.2
ECHI	Chisagues Biel		Lg	Pn	03 34 03.0	CART	Cartagena	3.18 206	P	Pn	03 33 32.6 -2.7		HORN	Hornachuelos	5.36 243	P	S	03 35 05.2 -2.0
ECHI	Chisagues Biel	2.26 349	Pn	Lg	03 33 25.3 -0.9	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 04.0 -1.4
ECHI	Val d'Aran	2.26 1	P	Pn	03 33 24.2 +1.3	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 08.4 +3.0
ECHI	Val d'Aran	2.26 1	P	Pn	03 33 22.5 -0.4	CART	Cartagena	3.18 206	eP	Pn	03 33 32.6 -2.7		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 25.7 -3.0
ECHI	Beuda	2.30 38	S	Pn	03 33 50.6 -0.3	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ECHI	Beuda	2.30 38	S	Pn	03 33 24.2 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ECHI	Beuda	2.30 38	S	Pn	03 33 53.9 +2.0	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ECHI	Beuda	2.30 38	S	Pn	03 33 24.2 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ECHI	Beuda	2.30 38	S	Pn	03 33 53.9 +2.0	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ECHI	Beuda	2.30 38	S	Pn	03 33 51.4 -0.5	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	P	Pn	03 33 26.2 +0.1	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	P	Pn	03 33 58.0 +1.2	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	S	Pn	03 33 55.3 -1.4	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	S	Pn	03 33 26.2 +0.1	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	S	Pn	03 33 58.0 +1.2	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
FILF	Filloles	2.50 32	S	Pn	03 33 55.3 -1.4	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 27.9 +1.6	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 26.5 +3.3	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 28.1 +1.8	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 28.1 +1.8	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 25.1 -1.6	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 33 55.8 -2.1	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
MLS	Moullis	2.52 5	Pn	Pn	03 34 20.0	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	P	Lg	03 33 25.1 -1.6	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	P	Lg	03 33 55.8 -2.1	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	Pn	Lg	03 33 25.1 -1.6	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	Pn	Lg	03 34 07.7	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	Pn	Lg	03 33 27.6 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	Pn	Lg	03 33 58.9 +0.9	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
ETOB	Tobarra	2.54 226	Pn	Lg	03 34 19.0	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	P	Lg	03 33 27.6 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	P	Lg	03 33 58.9 +0.9	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.6 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 58.9 +0.9	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 34 10.8	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.6 +0.8	CART	Cartagena	3.18 206	eP	Pn	03 34 07.9 -5.4		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.9 +0.7	CART	Cartagena	3.18 206	eP	Pn	03 33 33.0 -2.3		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 04.4 -2.9
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 59.8 +1.2	CART	Cartagena	3.18 206	eP	Pn	03 34 44.8		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 13.2 -0.6
EJON	La Jonquera	2.55 38	Pn	Lg	03 34 11.5 +3.5	CART	Cartagena	3.18 206	eP	Pn	03 33 47.1 +1.5		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 36.0 -1.1
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.6 +0.7	CART	Cartagena	3.18 206	eP	Pn	03 33 47.1 +1.5		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 14.6 +0.3
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 59.4 +0.9	CART	Cartagena	3.18 206	eP	Pn	03 35 00.0		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 20.1 -3.2
EJON	La Jonquera	2.55 38	Pn	Lg	03 34 24.0	CART	Cartagena	3.18 206	eP	Pn	03 33 45.4 -1.2		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 56.3 -1.8
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.9 +0.7	CART	Cartagena	3.18 206	eP	Pn	03 35 00.0		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 16.1 +1.6
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 59.4 +0.9	CART	Cartagena	3.18 206	eP	Pn	03 33 45.4 -1.2		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 17.8 +1.4
EJON	La Jonquera	2.55 38	Pn	Lg	03 34 24.0	CART	Cartagena	3.18 206	eP	Pn	03 35 00.0		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 23.6 -3.3
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 58.2 -0.4	CART	Cartagena	3.18 206	eP	Pn	03 33 45.4 -1.2		FRF	La Foret Royal	5.37 53	eP	Pn	03 36 01.1 -1.6
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 28.3 +1.1	CART	Cartagena	3.18 206	eP	Pn	03 33 45.4 -1.2		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 16.8 +0.1
EJON	La Jonquera	2.55 38	Pn	Lg	03 34 11.1	CART	Cartagena	3.18 206	eP	Pn	03 34 50.0		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 40.3 -3.4
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.6 +0.4	CART	Cartagena	3.18 206	eP	Pn	03 34 30.2 -4.5		FRF	La Foret Royal	5.37 53	eP	Pn	03 35 25.3 -2.2
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 58.7 0.0	CART	Cartagena	3.18 206	eP	Pn	03 33 45.7 -1.6		FRF	La Foret Royal	5.37 53	eP	Pn	03 36 02.6 -1.2
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 27.6 +0.4	CART	Cartagena	3.18 206	eP	Pn	03 33 45.7 -1.6		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 16.1 +1.4
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 58.7 0.0	CART	Cartagena	3.18 206	eP	Pn	03 34 30.2 -4.5		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 48.2 -3.6
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 26.9 -0.3	CART	Cartagena	3.18 206	eP	Pn	03 34 59.0		FRF	La Foret Royal	5.37 53	eP	Pn	03 36 04.9 -2.1
EJON	La Jonquera	2.55 38	Pn	Lg	03 33 58.2 -0.6	CART	Cartagena	3.18 206	eP	Pn	03 33 45.7 -1.6		FRF	La Foret Royal	5.37 53	eP	Pn	03 34 20.1 +1.9
EPF	Esparros	2.60 353	eP	Pn	03 33 28.8 +1.3	CART	Cartagena	3.18 206	eP	Pn	03 33 45.7 -1.6		FRF	La Foret Royal	5.37 53	eP		

FID	comp=Z,577nm,0.6s	pP	pP	03 45 36.6	-6.2
FID		P	P	03 48 44.4	-0.2
HIN	Hinchinbrook I	32.90 53	P	03 44 08.8	+0.3
RIDG	Independent Ri	32.91 46	P	03 44 07.4	+1.1
RIDG		ScP	ScP	03 44 05.0	+0.6
RIDG		P	P	03 49 24.8	+0.3
MIDW	Midway	33.17 127	P	03 44 12.1	+1.0
MIDW		IAMB	IAMB	03 44 24.8	
EYAK	comp=Z,293nm,0.9s	33.22 52	P	03 44 12.0	+0.9
EYAK	Cordova Ski Ar		IAMB	03 44 14.6	
SCRK	Sand Creek	33.23 46	P	03 44 10.8	-0.6
DOT	Dot Lake	33.27 46	P	03 44 11.0	-0.5
NRHK	Noril'sk	33.34 324	P	03 44 13.1	+1.1
NRHK	comp=Z,1.1um,0.9s,baz=93,slow=9.0,SNR=731		PcP	03 46 37.2	+1.1
NRHK	comp=Z,687nm,0.7s,baz=137,slow=2.2,SNR=5.7		P	04 15 09.9	
NRHK	comp=Z,6.4nm,0.6s,baz=247,slow=1.7,SNR=5.2		P	04 19 03.5	
NRHK	comp=Z,3.6nm,0.4s,baz=282,slow=1.1,SNR=4.0		P	03 44 14.8	+0.8
MENT	Mentasta	33.57 48	P	03 44 14.8	+0.8
MENT		IAMB	IAMB	03 44 19.8	
MENT		S	S	03 49 00.1	+4.1
RAGM	Ragged Mountai	33.77 52	P	03 44 16.1	+0.3
RAGM		IAMB	IAMB	03 44 19.8	
RAGM	comp=Z,826nm,0.9s		S	03 49 02.7	+3.6
GLB	Gilahina Butte	33.90 50	P	03 44 16.8	-0.1
GLB		IAMB	IAMB	03 44 25.1	
GLB	comp=Z,238nm,0.8s		pP	03 45 45.1	-7.4
GLB		S	S	03 48 56.8	-4.1
GLB		ScP	ScP	03 49 28.9	+0.8
HMT	Hamilton	33.99 52	P	03 44 17.4	-0.2
HMT		IAMB	IAMB	03 44 20.8	
HMT	comp=Z,986nm,1.2s		pP	03 45 52.9	-0.5
HMT		S	S	03 49 02.7	+0.4
KAIM	Kayak Island	34.03 53	P	03 44 17.0	-0.9
EKAG	Eagle	34.27 44	P	03 44 19.5	-0.3
MCARA	McCarthy VSAT	34.28 50	P	03 44 21.4	+1.4
MCARA		IAMB	IAMB	03 44 30.5	
MCARA	comp=Z,766nm,0.8s		S	03 49 08.2	+1.7
SUCK	Suckling Hills	34.29 53	P	03 44 20.6	+0.4
SUCK		IAMB	IAMB	03 44 23.8	
CRQM	Cirque	34.40 51	P	03 44 21.9	+0.7
CRQM		S	S	03 49 09.6	+0.8
TGL	Tana Glacier	34.54 51	P	03 44 23.0	+0.6
TGL		IAMB	IAMB	03 44 25.5	
TGL	comp=Z,727nm,1.1s		pP	03 45 58.2	-0.2
TGL		S	S	03 49 12.2	+1.5
BALM	Baldy	34.69 51	P	03 44 23.9	+0.4
BALM		SS	SS	03 49 14.1	+1.2
BALM		SS	SS	03 52 26.9	+1.2
BARN	Barnard Glacie	35.00 50	P	03 44 25.8	-0.4
BARN		S	S	03 49 17.8	0.0
H11N2	WAKE ISLAND Hy 35.06 157		P	03 44 28.1	+1.3
H11N2	baz=294,slow=7.1,SNR=29		T	04 21 57.3	
H11N1	WAKE ISLAND Hy 35.08 157		P	03 44 28.1	+1.2
H11N1	baz=352,slow=76,SNR=5.6		T	04 21 58.6	
H11N1	baz=294,slow=7.1,SNR=35		T	04 21 58.6	
H11N3	WAKE ISLAND Hy 35.08 157		P	03 44 28.0	+1.1
H11N3	baz=294,slow=7.1,SNR=38		T	04 21 56.0	
H11N3	baz=352,slow=76,SNR=5.7		T	04 21 56.0	
MESA	MESA	35.13 52	P	03 44 27.9	+0.5
YAH	Yahstse	35.17 52	P	03 44 28.0	+0.3
YAH		S	S	03 49 17.2	-3.2
DAWY	Dawson	35.19 45	P	03 44 28.1	+0.5
DAWY		IAMB	IAMB	03 44 31.8	
EPYK	Eagle Plains	35.71 41	P	03 44 33.4	+1.5
EPYK	comp=Z,492nm,0.9s		P	03 44 34.4	+1.5
EPYK	Eagle Plains	35.71 41	P	03 44 34.4	+1.5
WHN	Wuhan	35.89 246	P	03 44 33.2	+0.6
WHN		pP	pP	03 46 09.8	-0.7
WHN		ScP	ScP	03 46 42.3	-2.1
WHN		sP	sP	03 47 14.7	-1.6
WHN		sS	sS	03 49 24.6	-6.8
WHN		pmax	pmax	03 52 32.0	+2.0
WHN	comp=Z,3um,0.9s		pmax		
PCA	Pinnacle	35.96 52	P	03 44 34.4	+0.3
PCA		S	S	03 49 32.2	+0.3
H11S1	WAKE ISLAND Hy 36.19 157		P	03 44 38.1	+2.0
H11S1	baz=279,slow=4.2,SNR=38		T	04 23 24.0	
H11S3	WAKE ISLAND Hy 36.20 157		P	03 44 37.1	+0.9
H11S3	baz=279,slow=4.2,SNR=25		T	04 23 24.4	
H11S2	WAKE ISLAND Hy 36.21 157		P	03 44 37.2	+0.9
H11S2	baz=279,slow=4.2,SNR=30		T	04 23 26.9	
BCPM	Bancas Point	36.30 52	P	03 44 35.5	-1.3
BCPM		IAMB	IAMB	03 44 39.7	
BCPM	comp=Z,461nm,0.9s		S	03 49 35.1	-1.7
XAN	Xi'an	36.41 256	P	03 44 38.4	+0.3
XAN		pP	pP	03 46 15.1	-0.1
XAN		ScP	ScP	03 46 16.6	-6.1
XAN		S	S	03 46 46.8	+0.8
XAN		S	S	03 49 37.4	-1.8
XAN	comp=Z,1um,1.6s		pmax		
XAN	comp=Z,1.7um,7.6s		pmax		
INK	Inuvik	36.46 37	P	03 44 39.1	+1.3
INK	comp=Z,1.1um,0.4s,baz=279,slow=6.2,SNR=3208		PcP	03 46 46.5	+1.0
INK	comp=Z,448nm,0.8s,baz=276,slow=5.0,SNR=5.5		ScP	03 49 38.5	-0.4
INK	comp=Z,742nm,1.2s,baz=313,slow=7.6,SNR=13		ScS	03 53 45.3	-0.1
INK	comp=Z,121nm,1.1s,baz=292,slow=7.6,SNR=29		P	04 14 56.7	
INK	comp=Z,2.1nm,0.5s,baz=86,slow=2.8,SNR=5.1		P	03 44 38.6	+0.7
INK		P	P	03 49 38.5	
INK		P	P	03 53 45.3	
INK	comp=Z,1.1um,0.5s		pmax		
INK	Inuvik	36.46 37	P	03 44 38.6	+0.7
TATO	Taipei	36.70 232	P	03 44 41.5	+0.8
SARN	Sarigan	36.78 191	P	03 44 41.3	0.0
SARN		S	S	03 49 46.5	+1.5
HYT	Haines Junctio	37.00 50	P	03 44 41.8	-0.8
HYT		ScP	ScP	03 49 41.1	+1.4
YHNB	Yeheng	37.01 232	P	03 44 43.3	+0.2
ANAZ	Anatahan	37.15 191	P	03 44 43.1	-1.1
ANAZ		IAMB	IAMB	03 44 46.6	
DHAK	Deception Hill	37.29 53	P	03 44 44.4	-0.5
DHAK		IAMB	IAMB	03 44 48.2	
NACB	Ninganchiao	37.33 231	P	03 44 41.4	-4.2
NACB		PcP	PcP	03 46 49.8	+0.9
SSLB	Suanguang	37.96 232	P	03 44 50.7	0.0
SSLB		pP	pP	03 46 26.1	-2.1
SSLB		ScP	ScP	03 46 26.2	+3.9
SSLB		SS	SS	03 53 26.2	+3.9
LZH	Lanzhou	38.01 263	P	03 44 53.0	+1.8
LZH		P	P	03 46 36.0	-1.2
LZH		PcP	PcP	03 46 52.7	+1.6
LZH		sP	sP	03 47 35.0	0.0
LZH		ScP	ScP	03 49 44.4	+0.4
LZH		S	S	03 50 03.5	+0.5
LZH		SS	SS	03 53 14.3	-8.7
LZH		ScS	ScS	03 53 54.7	-1.1

LZH	comp=Z,6um,1.1s	pmax	pmax		
LZH		pmax	pmax		
YULB	comp=Z,35um,5.7s				
QZHU	Quanzhou	38.13 231	P	03 44 51.4	-0.8
QZHU		ScP	ScP	03 44 52.5	+0.4
QZHU		pP	pP	03 46 28.7	-1.6
QZHU		sP	sP	03 47 37.9	+2.3
QZHU		ScP	ScP	03 49 45.3	+0.9
QZHU		S	S	03 50 04.7	-0.5
QZHU		sS	sS	03 53 04.8	-0.3
QZHU		ScS	ScS	03 56 07.7	+0.3
QZHU		pmax	pmax		
WHY	Whitehorse	38.26 49	P	03 44 53.6	+0.8
WHY		IAMB	IAMB	03 44 56.6	
WHY	comp=Z,696nm,0.8s		ScP	03 49 43.6	-0.9
WHY		S	S	03 50 07.4	+1.5
A36M	Sachs Harbour	38.27 30	P	03 44 53.8	+1.2
A36M	baz=286,SNR=325		S	03 50 06.1	+0.6
A36M		S	S	03 50 06.1	+0.6
GTA	Gaotai	38.27 271	P	03 44 55.3	+2.0
GTA		pP	pP	03 46 52.6	-0.7
GTA		ScP	ScP	03 47 33.7	-3.5
GTA		S	S	03 49 44.8	-0.2
GTA		S	S	03 50 09.9	+3.2
GTA		sS	sS	03 53 03.9	-3.4
GTA		ScS	ScS	03 53 21.7	-5.5
GTA		pmax	pmax	03 53 55.1	-2.1
GTA	comp=Z,4um,1.2s		pmax		
GTA	comp=Z,28um,10.0s		pmax		
SKAG	Skagway	38.52 51	P	03 44 55.4	+0.7
SKAG		IAMB	IAMB	03 45 00.7	
SKAG	comp=Z,490nm,1.1s		pP	03 46 35.2	+1.9
TPUB	Ta-pu	38.53 232	P	03 45 54.6	-0.7
TPUB		ScP	ScP	03 49 45.7	-0.3
TPUB		S	S	03 50 09.2	-1.4
KNMB	Chin-men Tao	38.64 236	P	03 44 54.5	-1.7
KNMB		pP	pP	03 46 51.3	-1.7
KNMB		ScP	ScP	03 49 45.5	-0.9
KNMB		S	S	03 50 10.4	-1.7
KNMB		SS	SS	03 53 34.0	+0.8
KNMB		S	S	03 54 56.5	-0.4
KNMB		S	S	03 50 11.3	-2.1
ENH	Enshi	38.83 251	P	03 44 58.1	+0.4
ENH		pP	pP	03 46 40.7	+3.7
ENH		sP	sP	03 47 41.0	-0.7
ENH		ScP	ScP	03 49 45.9	-1.2
ENH		S	S	03 50 12.6	-2.3
ZAA1	Zalesovo Array	39.03 299	P	03 44 59.4	+0.4
ZAA1		PcP	PcP	03 46 54.5	+0.6
ZAA1		ScP	ScP	03 49 47.0	-0.4
ZAA1		S	S	03 50 17.5	+0.3
I6RU	ZALESOVO INFRA39.04 299		P	03 44 59.5	+0.5
ZAA0	baz=86,slow=201		P	03 44 59.5	+0.4
ZAA0	Zalesovo Beam	39.04 299	P	03 44 59.4	+0.4
ZAA0	comp=Z,3um,0.8s,baz=60,slow=6.9,SNR=4594		PcP	03 46 54.5	+0.6
ZALV		PcP	PcP	03 46 54.5	+0.6
ZALV	comp=Z,641nm,0.7s,baz=57,slow=5.5,SNR=8.8		ScP	03 49 47.0	-0.4
ZALV	comp=Z,47nm,0.6s,baz=62,slow=2.1,SNR=4.2		S	03 50 17.5	+0.3
ZALV	comp=Z,49nm,0.8s,baz=58,slow=14,SNR=2.4		S	03 50 17.5	+0.3
ZALV	comp=Z,33nm,0.7s,baz=50,slow=2.2,SNR=6.1		PKIKP	03 54 03.8	-0.6
ZALV	comp=Z,0.9nm,0.5s,baz=264,slow=6.0,SNR=3.6		P	04 14 47.4	
ZALV	comp=Z,6.8nm,0.8s,baz=274,slow=2.2,SNR=7.3		P	04 16 40.4	
ZALV	comp=Z,2.2nm,0.7s,baz=68,slow=3.9,SNR=5.6		P	04 23 00.1	
BESE	Bessie Island	39.10 52	P	03 45 01.2	+1.6
BESE		IAMB	IAMB	03 45 03.7	
JIS	Juneau Island	39.45 53	P	03 45 03.3	+1.1
JIS		IAMB	IAMB	03 45 06.2	
C36M	Paulatuk	39.45 34	P	03 45 03.1	+1.0
C36M	comp=Z,428nm,0.7s		P	03 45 08.3	+1.4
GUMO	Guam	39.97 192	P	03 46 57.2	-0.2
GUMO	comp=Z,104nm,0.3s,baz=356,slow=7.4,SNR=7.5		PcP	03 50 26.3	-5.3
GUMO	comp=Z,69nm,0.6s,baz=23,slow=13,SNR=2.6		S	03 45 06.0	-0.9
GUMO	comp=Z,34nm,0.4s,baz=150,slow=17,SNR=2.1		P	03 45 06.0	-0.9
GUMO	Guam	39.97 192	P	03 45 06.0	-0.9
GUMO	comp=Z,178nm,0.9s		pmax		
GUMO	Guam	39.97 192	P	03 45 06.0	-0.9
WRAK	Wrangell Islan	41.27 54	P	03 45 18.6	+1.8
WRAK		IAMB	IAMB	03 45 21.1	
DLBC	Dease Lake	41.44 51	P	03 45 21.0	+2.8
DLBC	comp=Z,439nm,0.9s		P	03 47 04.1	+2.3
DLBC	comp=Z,436nm,0.9s,baz=294,slow=8.8,SNR=370		PcP	03 49 58.6	+1.6
DLBC	comp=Z,194nm,1.1s,baz=302,slow=2.5,SNR=6.9		ScP	03 49 58.6	+1.6
DLBC	comp=Z,342nm,1.2s,baz=290,slow=7.6,SNR=16		P	03 45 19.0	+0.8
DLBC	Dease Lake	41.44 51	P	03 45 23.0	
DLBC	comp=Z,543nm,1.1s		PcP	03 47 02.7	+0.9
DLBC		ScP	ScP	03 49 56.9	-0.1
CD2	Chengdu				

2013 OCT

1d 3h

Table with columns for station name, frequency, and signal strength. Includes stations like PATS San Andres, HOPEN Hopen, KMI Kunming, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like ZHN Zhinshke, SATY Saty, CORON Lapu-Lapu, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like LVZ FRU1 Bishkek, FRU1 KULLO Kullorsuaq, KULLO Kullorsuaq, etc.

VRAC		esP	sP	03 51 39.6	-1.9	
VRAC		eS	S	03 57 16.9	+0.7	
VRAC		e		04 00 42.7		
VRAC		eSS	SS	04 02 12.5	+7.1	
VRAC		ePKPPKP	P/P/df	04 04 19.3	-1.2	
VRAC		e		04 25 23.3		
LMK	Market Rasen	71.46 343	eP	03 48 43.9	+0.2	
LMK		IAMB	IAMB	03 48 47.1		
comp-Z,3um,1.2s						
BISRR	Isle of Man	71.46 323	I/P	03 48 46.0	+1.9	
WIM	Winterswijk	71.47 346	eP	03 48 44.3	+0.5	
WTSB		71.48 339	eP	03 48 45.1	+1.2	
comp-Z,2um,0.9s						
WTSB	Arnstein	71.50 36	eP/P	03 50 44.8	+3.0	
F51A		baz=330,SNR=96		03 48 43.3	-0.8	
VYHS	Yyhne	71.50 330	eP	03 48 45.8	+1.7	
VYHS		comp-Z,2um,0.9s				
VYHS	Yyhne	71.50 330	eP	03 48 45.8	+1.7	
VYHS		eP	S	03 51 42.4	+0.5	
VYHS		eS	S	03 57 15.2	-1.8	
VYHS		eSS	SS	04 01 57.9	-8.6	
GRER		71.51 323	I/P	03 48 47.0	+2.8	
GRER			mb	03 48 47.7		
LTWH	Ltavrtes, Hu	71.52 327	I/P	03 48 40.0	+1.8	
LTWH			S	03 57 14.1	-3.1	
TOBO	Tobermory, Bru	71.52 37	P	03 48 43.9	-0.4	
baz=329,SNR=93						
JAVC	Velka Javorina	71.53 331	I/P	03 48 46.4	+2.1	
JAVC			eP	03 50 45.9	+3.6	
JAVC			S	03 51 41.9	-0.2	
JAVC			S	03 57 19.7	+2.4	
JAVC			eS	04 00 46.0		
JAVC			eSS	04 02 14.3	+7.4	
JAVC			e	04 05 43.3		
JAVC			e	04 28 24.9		
KVT	Kavak	71.53 315	P	03 48 45.9	+1.4	
CJR	Cluj-Napoca	71.54 326	I/P	03 48 46.3	+1.9	
D54A	Cluj-Napoca	71.54 326	I/P	03 48 46.3	+1.9	
D54A	Lac Fusel, La	71.54 331	P	03 48 44.1	-0.3	
baz=331,SNR=280						
J46A	Howard City	71.55 41	P	03 48 44.7	+0.2	
baz=327,SNR=110						
GMM	Mts of Mourne	71.56 347	eP	03 48 44.8	+0.5	
MOX	Moxa	71.57 335	P	03 48 45.3	+0.9	
DOPR	Dopca	71.57 324	I/P	03 48 45.9	+1.9	
N41A	Harden Midland	71.58 46	P	03 48 44.4	-0.3	
baz=326,SNR=55						
L48A	Sherman Twp	71.59 39	P	03 48 44.9	+0.3	
baz=328,SNR=43						
144A	Lake County Fo	71.61 43	P	03 48 44.6	-0.2	
baz=327,SNR=62						
SVAN	Silvan-Diyarba	71.62 309	P	03 48 46.9	+1.9	
KNRA	Kununnurra	71.62 305	P	03 48 45.6	+0.5	
E52A	Mattawa	71.62 35	P	03 48 44.3	-0.6	
baz=331,SNR=132						
BZK	Bozkurt	71.67 317	P	03 48 46.4	+1.3	
PSZ	Piszkesteto	71.69 329	P	03 48 46.4	+1.1	
PSZ			pmx			
comp-Z,2um,1.0s						
PSZ	Piszkesteto	71.69 329	I/P	03 48 47.1	+1.9	
PSZ			mb	03 48 48.4		
PSZ	Piszkesteto	71.69 329	I/P	03 48 47.0	+1.7	
PSZ			S	03 57 22.0	+2.8	
PSZ	Piszkesteto	71.69 329	I/P	03 48 46.4	+1.2	
PSZ	Moravsky	71.72 332	I/P	03 48 46.5	+1.2	
KRUC	Moravsky	71.72 332	I/P	03 48 46.5	+1.2	
KRUC			eP	03 50 45.9	+2.6	
KRUC			S	03 51 42.4	+0.8	
KRUC			eS	03 57 20.3	+1.0	
KRUC			e	04 01 47.7		
KRUC			eSS	04 02 14.8	+5.2	
KRUC			e	04 05 43.0		
KRUC			ePKPPKP	P/P/df	04 16 25.1	-5.5
KRUC			e	04 25 24.4		
NKC	Novy Kostel	71.73 334	eP	03 48 46.5	+1.9	
NKC			e	03 51 40.7		
NKC			S	03 57 14.9	-4.6	
NKC	Novy Kostel	71.73 334	eP	03 48 46.5	+1.1	
NKC			eS	03 51 40.7	-2.6	
NKC			S	03 57 14.9	-4.6	
NKC			eP	03 48 46.0	+0.6	
LBWR	Ladybower, Pea	71.74 344	IAMB	03 48 46.4	+1.1	
LBWR			IAMB			
comp-Z,3um,1.0s						
HARR	Harsova	71.75 322	P	03 48 46.8	+1.2	
HARR	Harsova	71.75 322	I/P	03 48 46.8	+1.2	
HARR			mb	03 48 47.6		
MMTX	Cornudas Mount	71.76 61	P	03 48 47.4	+1.5	
MMTX			IAMB			
MMTX	Cornudas Mount	71.76 61	P	03 48 47.5	+1.5	
MMTX			IAMB			
comp-Z,387nm,0.8s						
MNTX			pP	03 50 42.8	-1.6	
TREC	Trest	71.76 332	eP	03 48 46.8	+1.2	
TREC			e	03 51 41.2		
TREC			S	03 57 19.0	-0.9	
TREC	Trest	71.76 332	eP	03 48 46.8	+1.2	
TREC			eS	03 51 41.2	-2.3	
TREC			eS	03 57 19.0	-0.9	
TIRR	Tirgusor	71.77 322	P	03 48 46.4	+0.7	
TIRR			pmx			
TIRR			pmx			
TIRR	Tirgusor	71.77 322	I/P	03 48 47.0	+1.3	
TIRR			P	03 48 46.4	+0.7	
DRGR		71.77 326	P	03 48 46.0	+0.2	
DRGR			pmx			
comp-Z,2um,1.4s						
DRGR	Medias	71.77 326	I/P	03 48 47.1	+1.3	
MDB		71.77 325	I/P	03 48 47.8	+2.1	
MDB			mb	03 48 49.1		
MLR	Muntele Rosu	71.79 324	P	03 48 47.0	+1.0	
comp-Z,2um,0.7s,baz=313,slow=2.4,SNR=1042						
MLR			SKIKP	03 57 22.0	+0.3	
MLR	Muntele Rosu	71.79 324	I/P	03 48 46.2	+0.2	
MLR			pmx			
comp-Z,3um,0.8s						
MLR	Muntele Rosu	71.79 324	I/P	03 48 47.5	+1.5	
MLR			P	03 48 46.2	+0.2	
MLR	Topalu	71.80 322	P	03 48 47.0	+1.2	
TLB	Topalu	71.80 322	I/P	03 48 47.1	+1.2	
F52A	Sundridge	71.82 36	P	03 48 45.6	-0.4	
baz=330,SNR=297						
PBCC	Pribram	71.82 333	eP	03 48 47.1	+1.2	
PBCC			x	03 48 54.6		
PBCC			S	03 51 40.5	-3.3	
PBCC			eS	03 57 17.7	-2.8	
KLBO	Killbear Provi	71.88 36	P	03 48 46.0	-0.3	
baz=330,SNR=153						
E53A	Dumoine, Ponti	71.88 34	P	03 48 46.0	-0.3	
baz=331,SNR=170						
ISR	Istrita	71.89 323	P	03 48 48.5	+2.0	
ISR	Istrita	71.89 323	I/P	03 48 48.5	+2.0	
SMOL	Smolence	71.91 331	eP	03 48 48.3	+1.9	
SMOL			pmx			
comp-Z,2um,0.7s						
SMOL	Smolence	71.91 331	eP	03 48 48.3	+1.9	
PGOR	Pogoanele	71.91 323	I/P	03 48 48.3	+1.8	
PGOR			mb	03 48 49.2		
TSCT	Constanta Port	71.93 321	P	03 48 48.3	+1.6	
TOKT	Tokat	71.94 314	P	03 48 48.5	+1.6	
J47A	Summer	71.96 41	P	03 48 47.0	+0.2	
baz=328,SNR=206						
J47A	Summer	71.96 41	P	03 48 47.4	+0.5	
J47A			IAMB	03 48 49.1		
comp-Z,1um,1.0s						
J47A	West Acre	71.99 343	pP	03 50 44.7	-0.4	
WACR			eP	03 48 47.5	+0.7	
WACR			IAMB	03 48 49.0		
comp-Z,3um,0.9s						
E54A	Lac Dalpat, Po	72.00 34	P	03 48 46.6	-0.3	
baz=331,SNR=219						
MFRF	Murfatlar	72.01 321	I/P	03 48 48.3	+1.3	
MFRF			mb	03 48 49.1		
EFOR	Eforie	72.01 321	I/P	03 48 48.6	+1.5	
CVDA	Cernavoda	72.02 322	mb	03 48 48.9		
D55A	Sainte-Anne-du	72.05 33	P	03 48 47.3	0.0	
baz=332,SNR=294						
Dorr		72.05 41	P	03 48 47.3	0.0	
baz=327,SNR=468						

SVSK	Karacayir	72.08 313	P	03 48 49.3	+1.8
MODS	Modra-Piesok	72.08 331	eP	03 48 48.7	+1.2
MODS			pmx		
comp-Z,3um,1.0s					
MODS	Modra-Piesok	72.08 331	eP	03 48 48.7	+1.2
MODS			eP/P	03 51 43.8	-1.6
MODS			eS	03 57 21.6	-0.3
MODS			eSS	04 02 00.1	-1.5
BUKO	Buck Lake	72.10 36	P	03 48 47.3	-0.3
baz=330,SNR=158					
STNC	Stoke	72.12 345	eP	03 48 48.7	+1.1
STNC			IAMB	03 48 49.4	
comp-Z,873nm,0.9s					
ALGO	Algonquin Park	72.12 35	P	03 48 47.1	-0.6
baz=331,SNR=182					
I49A	Point Hope	72.14 39	P	03 48 47.2	-0.6
baz=329,SNR=69					
I49A	Point Hope	72.14 39	P	03 48 47.9	+0.1
comp-Z,647nm,0.8s					
I49A			pP	03 50 47.4	+1.1
SECR		72.14 323	I/P	03 48 48.8	+0.9
SECR			mb	03 48 50.4	
WME	Myndid Eilan	72.15 346	eP	03 48 47.8	+0.1
WVR		72.15 324	P	03 48 49.8	+1.8
WVR			P	03 48 49.9	+1.8
WFS	Cemaes, Angles	72.17 346	eP	03 48 47.9	+0.1
WFS			IAMB	03 48 49.9	
comp-Z,497nm,0.9s					
BMRO	Merriville Lake	72.17 37	P	03 48 48.0	0.0
baz=329,SNR=167					
M44A	Midewin, Midew	72.21 44	P	03 48 48.2	-0.2
baz=327,SNR=142					
D56A	ZEC Mazanza, M	72.25 32	P	03 48 48.3	-0.2
PLAR	PLEOSTI	72.25 323	I/P	03 48 49.9	+1.4
PLAR			mb	03 48 50.8	
WLF1	Llynfaes	72.26 346	eP	03 48 48.4	0.0
WLF1			IAMB	03 48 49.5	
comp-Z,946nm,0.9s					
DYBB	Diyarbakir	72.27 310	P	03 48 50.7	+1.9
KURC	Kurucasil-Bar	72.28 317	P	03 48 49.5	+0.8
ZST	Bratislava	72.29 331	eP	03 48 49.8	+1.2
ZST			pmx		
ZST	Bratislava	72.29 331	eP	03 48 49.8	+1.2
ZST			eS	03 57 24.0	-1.7
SRO2	Moca	72.29 330	eP	03 48 49.5	+0.9
SRO2			pmx		
comp-Z,2um,0.9s					
SRO2	Moca	72.29 330	eP	03 48 49.5	+0.9
ICOR	Ion Corvin	72.29 322	I/P	03 48 50.5	+1.8
SVRC	Svirice-ELAZID	72.30 311	P	03 48 51.1	+2.0
CWF	Charnwood Fes	72.31 344	eP	03 48 48.8	+0.2
comp-Z,1um,0.7s					
J48A	Bridge Port	72.31 40	P	03 48 48.7	-0.1
baz=328,SNR=72					
J48A	Bridge Port	72.31 40	P	03 48 48.7	-0.1
J48A			IAMB	03 48 49.1	+0.3
J48A			IAMB	03 48 51.0	
J48A			PcP	03 49 03.6	+0.6
J48A			pP	03 50 44.2	-3.2
YRC	Rhoscolyn	72.33 346	eP	03 48 49.1	+0.3
MTUR	Matiau	72.33 324	I/P	03 48 50.8	+1.7
MTUR			mb	03 49 02.2	
BUD	Budapest	72.35 329	P	03 48 50.4	+1.4
BUD			pmx		
comp-Z,4um,1.2s					
BUD	Budapest	72.35 329	I/P	03 48 50.1	+1.1
BUD	Budapest	72.35 329	I/P	03 48 52.1	+3.1
BUD			S	03 57 31.0	+4.7
LEHL	Lehliu	72.35 323	I/P	03 48 50.2	+1.2
E55A	Montceff-Lytto	72.36 33	P	03 48 48.9	-0.2
baz=332,SNR=213					
ARR	Arges	72.36 324	I/P	03 48 51.6	+2.4
K47A	Vermontville	72.37 41	P	03 48 49.4	+0.1
baz=328,SNR=402					
YLL	Llanberis	72.38 346	eP	03 48 49.6	+0.6
YLL	Hopedale	72.38 45	P	03 48 49.3	0.0
ARR	Arges	72.38 324	I/P	03 48 51.6	+2.4
HDIL	Hopedale	72.38 45	P	03 48 49.2	0.0
HDIL			IAMB	03 48 51.1	
comp-Z,848nm,0.9s					
SULR	Bruce Peninsula	72.38 323	I/P	03 48 50.5	+1.3
BRCO		72.39 38	P	03 48 48.8	-0.5
L46A	Eue Claire	72.41 42	P	03 48 49.6	+0.1
baz=327,SNR=138					
L46A	Eue Claire	72.41 42	P	03 48 49.7	+0.2
L46A			IAMB	03 48 51.4	

L59A	Walton	76.46	35	P	P	03 49 12.3 +0.1
L59A	Walton	76.46	35	P	I Amb	03 49 12.2 0.0
THAS	Thassos Island	76.47	322	P	P	03 49 12.3 +0.1
K60A	Five Rivers En	76.47	34	P	P	03 49 12.2 0.0
PINNC	Pines Island,	76.48	166	P	P	03 49 14.7 +2.4
M57A	Sunshine Farm,	76.49	36	P	P	03 49 12.3 0.0
M57A	Sunshine Farm,	76.49	36	P	I Amb	03 49 12.3 0.0
SALO	Salr	76.49	334	P	P	03 49 12.7 +0.4
P53A	Whipple	76.51	40	P	P	03 49 12.6 +0.1
P53A	Whipple	76.51	40	P	I Amb	03 49 14.5
435B	Jarrell	76.51	57	P	P	03 49 13.4 +0.7
435B	Jarrell	76.51	57	P	P	03 49 13.4 +0.7
TEVE	Tevekati-Mers	76.52	314	P	P	03 49 13.2 +0.5
EZN	Ezine	76.54	321	P	P	03 49 12.8 +0.2
EZN	Ezine	76.54	321	P	P	03 49 12.8 +0.2
H66A	Whiting	76.55	28	P	P	03 49 12.7 +0.2
LOR	Lormes	76.55	339	eP	P	03 49 12.2 -0.4
LOR	Lormes	76.55	339	eP	P	03 49 12.2 -0.4
EMMW	East Machias	76.57	28	P	P	03 49 12.9 +0.2
EMMW	East Machias	76.57	28	P	I Amb	03 49 14.6
IKL	iskil	76.58	313	P	P	03 49 13.4 +0.5
ISP	Isparta	76.59	317	P	P	03 49 13.3 +0.2
ISP	Isparta	76.59	317	P	P	03 49 13.3 +0.2
ISP	Isparta	76.59	317	P	I Amb	03 49 16.1
ISP	Isparta	76.59	317	P	I Amb	03 49 16.1
BRV	Bratogost	76.59	327	I/P	P	03 49 13.1 0.0
J62A	Henniker	76.60	32	P	P	03 49 13.6 +0.6
MET	Memphis-Engin	76.61	49	P	I Amb	03 49 15.2 +2.1
MET	Memphis-Engin	76.61	49	P	I Amb	03 49 15.3
SENI	Lac Senin/Sane	76.61	336	P	I Amb	03 49 14.1 +0.9
SENI	Lac Senin/Sane	76.61	336	P	I Amb	03 49 17.7
Q52A	Bidwell	76.61	41	P	P	03 49 13.0 -0.1
MORI	Morici	76.62	330	I/P	P	03 49 12.8 -0.2
VAY	Valandovo	76.62	324	I/P	P	03 49 14.3 +1.2
BOZC	Bozcaada	76.63	321	P	P	03 49 13.5 +0.3
KNT	Kendrikon	76.65	324	P	P	03 49 13.9 +0.7
KNT	Kendrikon	76.65	324	P	P	03 49 14.3 +1.1
I64A	Boothbay	76.65	30	P	P	03 49 13.5 +0.4
R51A	Hillsboro	76.65	42	P	P	03 49 13.8 +0.5
CABF	La Chapelle	76.67	337	eP	P	03 49 13.2 -0.1
CABF	La Chapelle	76.67	337	eP	P	03 49 13.2 -0.1
O55A	Ligonier	76.68	38	P	P	03 49 13.3 -0.1
X43A	Marvell	76.68	50	P	P	03 49 14.2 +0.7
X43A	Marvell	76.68	50	P	I Amb	03 49 14.2 +0.7
X43A	Marvell	76.68	50	P	I Amb	03 49 16.2
BERE	Bereket-Mersin	76.69	314	P	P	03 49 13.8 +0.1
M58A	Price's Panora	76.69	36	P	P	03 49 13.4 -0.1
DUGI	Dugi Okok	76.70	330	I/P	P	03 49 13.5 +0.1
WWT	Waverly	76.70	47	P	P	03 49 14.2 +0.6
WWT	Waverly	76.70	47	P	P	03 49 14.1 +0.6
WWT	Waverly	76.70	47	P	P	03 49 14.1 +0.6
WWT	Waverly	76.70	47	P	I Amb	03 49 15.5
WWT	Waverly	76.70	47	P	I Amb	03 49 15.5
AKKU	Akkuyu-Mersin	76.71	314	P	P	03 49 14.2 +0.6
IAKA	Ikakia	76.73	329	I/P	P	03 49 12.9 -0.7
KULA	Kula-Manisa	76.76	318	P	P	03 49 14.6 +0.6
KULA	Kula-Manisa	76.76	318	P	P	03 49 14.7 +0.7
P54A	Burton	76.76	40	P	P	03 49 14.5 +0.6
KSPA	Keystone Colle	76.77	35	P	P	03 49 13.7 -0.2
KSPA	Keystone Colle	76.77	35	P	I Amb	03 49 15.4
PDG	Podgorica	76.78	327	I/P	P	03 49 14.4 +0.5
PDG	Podgorica	76.78	327	I/P	P	03 49 14.6 +0.7
PDG	Podgorica	76.78	327	I/P	P	03 49 15.0 -1.8
SOH	Sokhos	76.78	323	P	P	03 49 14.1 +0.1
J63A	Strafford	76.79	31	P	P	03 49 14.5 +0.6
MANT	Manisa	76.82	318	P	P	03 49 15.4 +0.9
TREB	Trebizje	76.82	327	I/P	P	03 49 13.5 +0.3
SSF	Saint Saugle	76.82	339	eP	P	03 49 13.8 -0.3
SSF	Saint Saugle	76.82	339	eP	P	03 49 13.8 -0.3
SSPA	Standing Stone	76.83	37	P	P	03 49 14.2 0.0
SSPA	Standing Stone	76.83	37	P	P	03 49 14.2 0.0
SSPA	Standing Stone	76.83	37	P	I Amb	03 49 15.6
ZIRJ	Zirje	76.83	330	I/P	P	03 49 14.0 -0.1
N57A	Milroy	76.84	37	P	P	03 49 14.4 +0.1
S50A	Richmond	76.85	43	P	P	03 49 14.7 +0.3
SGMF	Saint Gilles	76.85	343	eP	P	03 49 14.9 +0.7
SGMF	Saint Gilles	76.85	343	eP	P	03 49 14.9 +0.7
T49A	Edmonton	76.86	44	P	P	03 49 14.9 +0.4
T49A	Edmonton	76.86	44	P	P	03 49 14.9 +0.4
T49A	Edmonton	76.86	44	P	I Amb	03 49 16.6
BCK	Bucak	76.87	316	P	P	03 49 14.7 +0.1
ROSF	Rostrenen	76.89	344	eP	P	03 49 14.3 -0.1
ROSF	Rostrenen	76.89	344	eP	P	03 49 14.3 -0.1
O56A	Blue Knob Stat	76.90	38	P	P	03 49 14.7 0.0
O56A	Blue Knob Stat	76.90	38	P	P	03 49 14.7 0.0
O56A	Blue Knob Stat	76.90	38	P	I Amb	03 49 16.6
M59A	Waymart	76.90	35	P	P	03 49 14.3 -0.4
TEKE	Tekelli-Mersin	76.91	314	P	P	03 49 14.6 -0.1
LJA	Limnos Island	76.92	321	P	P	03 49 15.0 +0.3
L60A	Shokan	76.92	34	P	P	03 49 14.8 +0.1
MCWV	Mont Chateau	76.95	39	P	P	03 49 15.4 +0.5
L61A	Hillsdale 1, H	76.96	34	P	P	03 49 15.2 +0.3
EREN	Erenkoy	76.96	313	P	P	03 49 15.9 +0.9
K62A	Royalston	76.97	32	P	P	03 49 15.7 +0.8
K62A	Royalston	76.97	32	P	P	03 49 15.5 +0.5
DKL	Dikili	76.97	320	P	P	03 49 14.7 -0.3
OUR	Ouranopolis	76.98	322	P	P	03 49 15.1 +0.1
OUR	Ouranopolis	76.98	322	P	P	03 49 15.5 +0.6
Q53A	Leroy	77.00	41	P	P	03 49 15.7 +0.6
R52A	Cattlettsburg	77.00	42	P	P	03 49 15.3 +0.1
GRG	Griva	77.01	324	P	P	03 49 15.4 +0.2
HVAR	Hvar	77.01	329	I/P	P	03 49 15.0 -0.1
L61B	Northampton	77.02	33	P	P	03 49 15.3 0.0
DRMK	Dracevica, Mon	77.02	327	I/P	P	03 49 15.4 +0.2
PRKE	Paraskevi	77.07	320	P	P	03 49 16.4 +0.9
N58A	Sunbury	77.07	36	P	P	03 49 15.3 -0.2
N58A	Sunbury	77.07	36	P	P	03 49 15.2 -0.3
N58A	Sunbury	77.07	36	P	I Amb	03 49 17.2

P55A	Reedsville	77.09	39	P	P	03 49 16.3 +0.6
THE	Theoretical	77.09	323	P	P	03 49 15.5 -0.1
AVF	Avril sur Lor	77.11	339	eP	P	03 49 14.2 -1.4
SMF	Signal de Mont	77.14	339	eP	P	03 49 15.6 -0.2
SMF	Signal de Mont	77.14	339	eP	P	03 49 15.6 -0.2
Q54A	Coxs Mills	77.16	40	P	P	03 49 16.4 +0.4
Q54A	Coxs Mills	77.16	40	P	I Amb	03 49 16.4 +0.4
Q54A	Coxs Mills	77.16	40	P	I Amb	03 49 17.8
NATX	Nacodogoches	77.17	54	P	P	03 49 17.3 +1.1
NATX	Nacodogoches	77.17	54	P	P	03 49 17.9 +1.7
NATX	Nacodogoches	77.17	54	P	I Amb	03 49 19.1
K63A	Dunstable	77.18	32	P	P	03 49 16.6 +0.6
HWQ	Hawqa	77.21	311	eP	P	03 49 17.2 +0.7
S51A	Beattyville	77.22	43	P	P	03 49 16.5 +0.3
S51A	Beattyville	77.22	43	P	P	03 49 16.5 +0.3
S51A	Beattyville	77.22	43	P	I Amb	03 49 17.9
T50A	Nancy	77.23	44	P	P	03 49 16.8 +0.3
SIGR	SIGRI	77.26	321	P	P	03 49 16.4 -0.1
SIGR	SIGRI	77.26	321	P	P	03 49 16.7 +0.2
U49A	Red Boiling Sp	77.26	45	P	P	03 49 17.1 +0.4
QUA2	Belchertown	77.28	33	P	P	03 49 17.4 +0.8
QUIF	Quitcheston	77.28	344	eP	P	03 49 17.1 +0.6
QUIF	Quitcheston	77.28	344	eP	P	03 49 17.1 +0.6
R53A	Hurricane	77.28	41	P	P	03 49 17.1 +0.4
R53A	Hurricane	77.28	41	P	P	03 49 17.1 +0.4
R53A	Hurricane	77.28	41	P	I Amb	03 49 18.9
O57A	Amberson	77.29	37	P	P	03 49 16.9 +0.2
HRV	Adam Dzewonski	77.33	32	P	P	03 49 17.5 +0.7
HRV	Adam Dzewonski	77.33	32	P	P	03 49 17.4 +0.5
HRV	Adam Dzewonski	77.33	32	P	P	03 49 17.4 +0.5
HRV	Adam Dzewonski	77.33	32	P	I Amb	03 49 19.3
MZR	Muzera	77.33	291	I/P	P	03 49 17.8 +0.5
MZR	Muzera	77.33	291	I/P	P	03 49 17.8 +0.5
PRMA	PARMA	77.33	334	P	P	03 49 19.1 +2.2
N59A	State Game Lan	77.34	36	P	P	03 49 17.1 +0.1
N59A	State Game Lan	77.34	36	P	P	03 49 16.9 -0.1
N59A	State Game Lan	77.34	36	P	I Amb	03 49 18.8
OXF	Oxford	77.36	49	P	P	03 49 17.5 +0.3
OXF	Oxford	77.36	49	P	P	03 49 17.4 +0.3
OXF	Oxford	77.36	49	P	P	03 49 17.4 +0.3
OXF	Oxford	77.36	49	P	I Amb	03 49 19.4
KORT	Korkueli	77.36	316	P	P	03 49 17.3 0.0
M60A	Port Jervis	77.37	35	P	P	03 49 17.0 -0.2
CLTN	Cedars of Lebanon	77.38	45	P	I Amb	03 49 17.7 +0.4
CLTN	Cedars of Lebanon	77.38	45	P	I Amb	03 49 19.6
SS2A	Salyersville	77.39	42	P	P	03 49 17.7 +0.3
KSCR	Kent School, K	77.40	34	P	P	03 49 17.2 -0.1
OHR	Ohr	77.43	325	I/P	P	03 49 18.1 +0.5
OHR	Ohr	77.43	325	I/P	P	03 49 17.5 -0.1
OHR	Ohr	77.43	325	I/P	P	03 49 17.5 -0.1
DQM	DQM	77.44	286	P	P	03 49 18.4 +0.6
Q55A	Buckhannon	77.44	40	P	P	03 49 18.1 +0.5
BGF	Bois d'Angland	77.44	339	eP	P	03 49 16.1 -1.3
BGF	Bois d'Angland	77.44	339	eP	P	03 49 16.1 -1.3
PAIG	Paliouri	77.45	322	P	P	03 49 17.2 -0.4
P56A	Dayton Farm, R	77.47	38	P	P	03 49 18.3 +0.6
V48A	Smith Brothers	77.47	46	P	P	03 49 17.9 +0.2
V48A	Smith Brothers	77.47	46	P	P	03 49 18.0 +0.2
V48A	Smith Brothers	77.47	46	P	I Amb	03 49 19.8
GBN	Guysborough	77.51	24	P	P	03 49 19.1 +1.3
GBN	Guysborough	77.51	24	P	I Amb	03 49 20.0
WBCS	Balcova	77.51	319	P	P	03 49 17.9 0.0
WES	Weston	77.52	32	P	P	03 49 18.5 +0.6
WES	Weston	77.52	32	P	P	03 49 18.5 +0.6
WES	Weston	77.52	32	P	I Amb	03 49 20.3
FNA	Florida	77.52	324	P	P	03 49 18.2 +0.2
FNA	Florida	77.52	324	P	P	03 49 18.6 +0.5
FNA	Florida	77.52	324	P	P	03 49 18.6 +0.5
FNA	Florida	77.52	324	P	P	03 49 18.6 +0.5
FNA	Florida	77.52	324	P	P	03 49 18.6 +0.5
FNA	Florida	77.52	324	P	P	03 49 18.6 +0.5
LPL	La Plagne	77.54	336	eP	P	03 49 20.5 +2.4
LPL	La Plagne	77.54	336	eP	P	03 49 18.5 +0.5
AYDB	Zeyfirky-Aydi	77.56	318	P	P	03 49 19.2 +0.8
LPG	La Plagne	77.56	336	eP	P	03 49 19.0 +0.6
LPG	La Plagne	77.56	336	eP	P	03 49 19.0 +0.6
PLAL						

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DGAR Diego Garcia, PSMN Pico do Norte, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PCRV Puerto La Cruz, TOA1 Torodi Ar. Sit, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BOSA comp=Z.207nm, BOSA comp=Z.249nm, and many others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA, PASO FLORES, CERRO CASTILLO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUVU, PTAC, MACC, BETC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJA, GOO2, ZAPLA, etc.

ISC/JB 01 04:10:16.8±0.3, 6.84N±0.02x73.15W±0.03, h159km±3km, m3.8/0, Error ellipse: s-maj=4.4km s-min=3.3km az=28.8

ISC/JB 01 04:10:17.3±0.7, 6.79N±0.03x73.14W±0.04, h159km±5km, m4.8/1.9, Error ellipse: s-maj=18.8km s-min=7.2km az=133.0

ISC/JB 01 04:10:18.9±0.1, 6.81N±0.03x73.15W±0.04, h147km±4km, ML4.1, MW4.0

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB16, G001, G002, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESPN, EFI, G010, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB12, G003, G004, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DR12, APG, TEIG, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB07, PB08, PB09, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG, 454A, 453A, etc.

1d 4h

Y52A	Libburn	53.81 345	P	P	04 21 31.3 -0.3
LRAL	Lakeview Retre	53.84 342	P	P	04 21 31.1 -0.6
LRAL	Lakeview Retre	53.84 342	P	P	04 21 31.9 +0.1
LRAL	comp=Z,6.9nm,0.5s		I Amb	I Amb	04 21 32.2
W58A	Raeoford	53.92 350	P	P	04 21 33.3 +0.9
X54A	Belton	54.07 347	P	P	04 21 34.0 +0.5
Y51A	Rockmart	54.10 344	P	P	04 21 33.7 0.0
X53A	Estanolee	54.24 346	P	P	04 21 34.6 -0.1
KM5C	Kings Mountain	54.43 348	P	P	04 21 36.5 +0.4
Y49A	Blount Mountai	54.43 343	P	P	04 21 36.0 -0.2
Y49A	Blount Mountai	54.43 343	P	P	04 21 36.0 -0.2
W54A	Cherokee Point	54.55 347	P	P	04 21 37.4 +0.5
X51A	Calhoun	54.68 344	P	P	04 21 39.0 +1.1
833A	Chaparral WMA,	54.78 327	P	P	04 21 38.6 -0.1
833A	Chaparral WMA,	54.78 327	P	P	04 21 40.1 +1.4
W53A	Cullowhee	54.84 346	P	P	04 21 39.0 -0.2
FPAL	Fort Paine	54.85 344	P	P	04 21 37.6 -1.6
V57A	Coltrane Farms	54.86 350	P	P	04 21 39.1 -0.1
V56A	Mocksville	54.91 349	P	P	04 21 39.8 +0.2
V56A	Mocksville	54.91 349	P	P	04 21 39.4 -0.1
V56A	Mocksville	54.91 349	P	P	04 21 39.4 -0.1
V55A	Taylorsville	55.09 348	P	P	04 21 41.8 +1.0
V55A	Taylorsville	55.09 348	P	P	04 21 41.6 +0.8
V55A	Taylorsville	55.09 348	P	P	04 21 42.0
V54A	Nebo	55.16 347	P	P	04 21 41.7 +0.3
X48A	Hartselle	55.17 342	P	P	04 21 40.7 -0.7
X48A	Hartselle	55.17 342	P	P	04 21 41.0 -0.5
W51A	Cleveland	55.22 345	P	P	04 21 41.6 -0.1
V53A	Saluda	55.24 347	P	P	04 21 41.6 -0.3
V53A	Saluda	55.24 347	P	P	04 21 41.7 -0.3
V53A	Saluda	55.24 347	P	P	04 21 43.0
U57A	Blanch	55.32 350	P	P	04 21 42.6 +0.1
W50A	Signal Mountai	55.40 344	P	P	04 21 43.1 +0.1
W50A	Signal Mountai	55.40 344	P	P	04 21 42.0 -1.1
W50A	Signal Mountai	55.40 344	P	P	04 21 44.7
U56A	King	55.42 349	P	P	04 21 43.7 +0.5
CPCT	Cooper Cave	55.43 345	P	P	04 21 43.1 -0.2
SWET	Sewanee	55.58 344	P	P	04 21 44.3 -0.1
W49A	Belvidere	55.58 343	P	P	04 21 43.9 -0.4
V52A	Sevierville	55.59 346	P	P	04 21 44.0 -0.4
V52A	Sevierville	55.59 346	P	P	04 21 44.0 -0.4
V52A	Sevierville	55.59 346	P	P	04 21 44.9
T59A	Double "B" Far	55.59 352	P	P	04 21 44.1 -0.3
U55A	TA2, Sparta	55.69 349	P	P	04 21 45.7 +0.5
V51A	Loudon	55.73 345	P	P	04 21 45.3 -0.1
V51A	Loudon	55.73 345	P	P	04 21 44.6 -0.8
V51A	Loudon	55.73 345	P	P	04 21 45.5
V50A	Pikeville	55.79 344	P	P	04 21 45.3 -0.6
U54A	Nelsons Funny	55.86 348	P	P	04 21 46.5 +0.1
U54A	Nelsons Funny	55.86 348	P	P	04 21 45.8 -0.6
U54A	Nelsons Funny	55.86 348	P	P	04 21 47.6
U53A	Fall Branch	55.86 347	P	P	04 21 46.4 0.0
435B	Jarell	55.92 331	P	P	04 21 47.4 +0.6
OXF	Oxford	55.95 340	P	P	04 21 46.8 -0.2
OXF	Oxford	55.95 340	P	P	04 21 47.0 0.0
PLAL	Pickwick Lake	55.97 341	P	P	04 21 46.7 -0.5
PLAL	Pickwick Lake	55.97 341	P	P	04 21 47.2
T56A	Rocky Mt	56.02 350	P	P	04 21 47.9 +0.4
U52A	Thorn Hill	56.06 346	P	P	04 21 47.4 -0.4
V49A	McMinnville	56.09 344	P	P	04 21 47.3 -0.7
U51A	La Follette	56.20 346	P	P	04 21 48.4 -0.3
T55A	Pulaski	56.24 349	P	P	04 21 49.3 +0.3
TZTN	Tazewell	56.25 346	P	P	04 21 48.9 -0.2
BLA	Blacksburg	56.26 349	P	P	04 21 49.5 +0.3
BLA	Blacksburg	56.26 349	P	P	04 21 48.9 -0.3
BLA	Blacksburg	56.26 349	P	P	04 22 01.0
V48A	Smith Brothers	56.31 343	P	P	04 21 49.3 -0.2
V48A	Smith Brothers	56.31 343	P	P	04 21 49.3 -0.2
T54A	Tazewell	56.33 348	P	P	04 21 49.2 -0.6
U50A	Jamestown	56.43 345	P	P	04 21 50.2 -0.2
T53A	Wise	56.45 347	P	P	04 21 50.7 +0.1
X43A	Marvell	56.45 339	P	P	04 21 50.8 +0.2
CLTN	Cedars of Leba	56.51 344	P	P	04 21 51.3 +0.4
CLTN	Cedars of Leba	56.51 344	P	P	04 21 51.8
WLAR	White Oak Lake	56.52 336	P	P	04 21 51.9 +0.8
WLAR	White Oak Lake	56.52 336	P	P	04 21 56.0
S56A	Natural Bridge	56.58 350	P	P	04 21 51.7 +0.3
R58B	Mineral	56.61 352	P	P	04 21 51.9 +0.3
T52A	Hallie	56.66 347	P	P	04 21 51.5 -0.5
T52A	Hallie	56.66 347	P	P	04 21 51.4 -0.6
T52A	Hallie	56.66 347	P	P	04 21 53.5
JCT	Junction City	56.74 328	P	P	04 21 52.7 0.0
T51A	Gray	56.74 346	P	P	04 21 52.5 -0.1
U49A	Red Boiling Sp	56.76 344	P	P	04 21 52.0 -0.7
S55A	Lewisburg	56.82 349	P	P	04 21 53.5 +0.3
WHTX	Lake Whitney,	56.87 331	P	P	04 21 54.6 +1.0
WVT	Waverly	56.96 342	P	P	04 21 53.9 -0.3
WVT	Waverly	56.96 342	P	P	04 21 53.7 -0.4
S54A	Dingess, Beckl	57.00 349	P	P	04 21 53.8 -0.6
S54A	Dingess, Beckl	57.00 349	P	P	04 21 53.6 -0.8
T50A	Nancy	57.04 345	P	P	04 21 54.0 -0.4
S53A	Williamson	57.04 348	P	P	04 21 53.5 -1.1
T49A	Edmonton	57.26 345	P	P	04 21 55.4 -0.8
T49A	Edmonton	57.26 345	P	P	04 21 55.9 -0.3
R55A	Marlinton	57.26 350	P	P	04 21 56.8 +0.5

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R55A	Marlinton	57.26 350	P	I Amb	I Amb	04 21 56.4 +0.1
R55A	Marlinton	57.26 350	P	I Amb	I Amb	04 21 58.0
R54A	Victor	57.31 349	P	P	P	04 21 56.8 +0.3
MIAR	Mount Ida	57.46 336	P	P	P	04 21 57.9 +0.2
MIAR	Mount Ida	57.46 336	P	P	P	04 21 57.6 0.0
MIAR	Mount Ida	57.46 336	P	P	P	04 21 58.9
W41B	Gary Mavity, V	57.53 338	P	P	P	04 21 57.1 -1.0
W41B	Gary Mavity, V	57.53 338	P	P	P	04 21 58.2 +0.1
W41B	Gary Mavity, V	57.53 338	P	P	P	04 21 58.6
S50A	Richmond	57.53 346	P	P	P	04 21 57.9 -0.2
Q58A	Fox Den Farm,	57.55 352	P	P	P	04 21 58.0 -0.1
T47A	Sharon Grove	57.56 343	P	P	P	04 21 57.9 -0.5
T47A	Sharon Grove	57.56 343	P	P	P	04 21 58.1 -0.3
R53A	Hurricane	57.63 348	P	P	P	04 21 58.5 -0.3
WHAR	Woolly Hollow	57.65 338	P	P	P	04 21 58.4 -0.5
Q57A	Strasburg	57.73 352	P	P	P	04 22 00.1 +0.6
HICK	Hickman	57.76 341	P	P	P	04 21 59.8 0.0
S49A	Springfield	57.84 345	P	P	P	04 21 59.5 -0.7
Q56A	Snyder Ridge,	57.85 351	P	P	P	04 22 00.7 +0.4
Q56A	Snyder Ridge,	57.85 351	P	P	P	04 22 00.7 +0.4
Q56A	Snyder Ridge,	57.85 351	P	P	P	04 22 02.0
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 01.4 +0.7
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 01.1
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 34.6 +3.3
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 53.0 +1.1
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 01.2 +0.5
TXAR	Lajitas Arry	57.86 324	P	P	P	04 22 52.6 +0.8
TX31	Lajitas Arry	57.86 324	P	P	P	04 22 00.4 -0.3
TX32	Lajitas Arry	57.86 324	P	P	P	04 22 01.1 +0.4
R51A	Hillsboro	57.94 347	P	P	P	04 22 00.7 -0.2
Q55A	Buckhannon	57.95 350	P	P	P	04 22 01.6 +0.5
LCAR	Lake Charles	57.95 339	P	P	P	04 22 00.7 -0.4
P58A	Pank, Wackersv	58.04 353	P	P	P	04 22 01.8 +0.2
PARMO	Parma	58.04 341	P	P	P	04 22 02.2 +0.5
Q54A	Coxs Mills	58.06 349	P	P	P	04 22 01.9 +0.1
Q53A	Leroy	58.06 349	P	P	P	04 22 01.9 +0.1
R50A	Paris	58.09 346	P	P	P	04 22 01.8 -0.2
R50A	Paris	58.09 346	P	P	P	04 22 01.7 -0.2
R50A	Paris	58.09 346	P	P	P	04 22 02.3
W39A	Magazine	58.11 336	P	P	P	04 22 02.5 +0.3
P57A	Homestead Farm	58.12 352	P	P	P	04 22 02.7 +0.5
FCAR	Ozark Folk Cen	58.12 338	P	P	P	04 22 01.8 -0.5
FCAR	Ozark Folk Cen	58.12 338	P	P	P	04 22 02.2
PBMO	Poplar Bluff	58.36 340	P	P	P	04 22 03.8 -0.1
P55A	Rossville	58.41 350	P	P	P	04 22 04.2 0.0
ABTX	Abiene, Hawle	58.42 330	P	P	P	04 22 05.0 +0.5
WCI	Wyandotte Cave	58.51 344	P	P	P	04 22 04.9 -0.1
WCI	Wyandotte Cave	58.51 344	P	P	P	04 22 04.6 -0.4
Q50A	Georgetown	58.55 347	P	P	P	04 22 04.6 -0.6
MCWV	Mount Chateau	58.56 350	P	P	P	04 22 05.4 +0.2
Q51A	Peebles	58.59 347	P	P	P	04 22 05.3 -0.1
P54A	Burton	58.66 350	P	P	P	04 22 05.7 +0.1
O58A	Lewisberry	58.62 353	P	P	P	04 22 05.7 +0.1
P53A	Whipple	58.65 349	P	P	P	04 22 06.3 +0.5
P53A	Whipple	58.65 349	P	P	P	04 22 06.1 +0.3
P53A	Whipple	58.65 349	P	P	P	04 22 54.2 -0.4
U40A	Yellville	58.80 338	P	P	P	04 22 06.7 -0.3
U40A	Yellville	58.80 338	P	P	P	04 22 07.0 0.0
U40A	Yellville	58.80 338	P	P	P	04 22 07.8
S44A	Carbondale	58.84 342	P	P	P	04 22 07.3 +0.1
SIUC	Southern Illin	58.84 342	P	P	P	04 22 08.0 +0.8
Q49A	Aurora	58.91 346	P	P	P	04 22 07.5 -0.2
P52A	Corning	58.93 348	P	P	P	04 22 07.6 -0.2
P51A	Williamsport	58.97 348	P	P	P	04 22 07.9 -0.1
O56A	Blue Knob Stat	58.97 352	P	P	P	04 22 08.0 -0.1
O55A	Ligonier	59.01 351	P	P	P	04 22 08.5 +0.1
Q48A	North Vernon	59.03 345	P	P	P	04 22 08.4 -0.2
O54A	Avella	59.15 350	P	P	P	04 22 09.6 +0.3
SSPA	Standing Stone	59.24 352	P	P	P	04 22 10.1 +0.1
P50A	Jamestown	59.24 347	P	P	P	04 22 09.3 -0.7
N58A	Sunbury	59.30 353	P	P	P	04 22 10.0 -0.3
N58A	Sunbury	59.30 353	P	P	P	04 22 10.4 +0.1
MGMO	Mountain Grove	59.31 339	P	P	P	04 22 10.8 +0.3
MGMO	Mountain Grove	59.31 339	P	P	P	04 22 12.0
N57A	Milroy	59.32 353	P	P	P	04 22 10.4 0.0
O52A	Adamsville	59.34 349	P	P	P	04 22 10.4 -0.2
O52A	Adamsville	59.34 349	P	P	P	04 22 10.7 +0.1
ODNJ	Ogdensburg	59.35 355	P	P	P	04 22 12.9
ODNJ	Ogdensburg	59.35 355	P	P	P	04 22 10.5 -0.2
ODNJ	Ogdensburg	59.35 355	P	P	P	04 22 14.7
O53A	New Philadelph	59.36 349	P	P	P	04 22 10.7 -0.1
P49A	Miami Univ. Ec	59.37 346	P	P	P	04 22 09.7 -1.2
FVM	Fresh Village	59.46 341	P	P	P	04 22 11.9 +0.4
P48A	Milroy	59.47 346	P	P	P	04 22 10.4 -1.1
P48A	Milroy	59.47 346	P	P	P	04 22 10.2 -1.3
P48A	Milroy	59.47 346	P	P	P	04 22 10.9
O51A	Pataskala	59.52 348	P	P	P	04 22 11.6 -0.2
TUL1	Leonard	59.52 335	P	P	P	04 22 12.4 +0.5
TUL1	Leonard	59.52 335	P	P	P	04 22 12.4 +0.5
TUL1	Leonard	59.52 335	P	P	P	04 22 13.3
N55A	Marion Center	59.53 351	P	P	P	04 22 12.5 +0.6
N55A	Marion Center					

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Masonville, Burlington, Burlington, Princeton, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Sault St. Mari, Lone Tree Farm, Holcombe, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like McPherson Peak, Vestal, Richgr, BGU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Kurchatov Arr, Zalesovo Array, etc.

JMA 01 04:34:52.2, 34.38N-137.54E, h20km, 1km, M2.5, 2C-5D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TONANKAI O.B.S., Tokai 4, etc.

IDC 01 04:37:33.71, 6.55°03S-29.87W, h0km, mb4.3/2, mb1 4.3/2, mb1mx3.7/14, mbtmp4.3/2, Error ellipse: s-maj=68.3km s-min=55.4km az=109.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO Torodi Arr, KMBO Kilima Mbo, etc.

NNC 01 04:57:43.8-7.5, 37.13N-71.30E, h0km, mb3.8, mpv3.4, 2C-4D, Error ellipse: s-maj=58.0km s-min=54.3km az=148.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

DDA 01 05:08:48.6, 38°11'N-32°54'E, h7km, 2km, ML2.9, ISK 01 05:08:49.3, 38°13'N-32°46'E, h5km, ML2.1/11, ISC 01 05:08:49.3-0.9, 38°12'N-0.02-32°49E, 0.03, h9km, 8km, n20, 4054027, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LADK Ladik-KONYA, KONT Konya-Tatoy, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SERE Serefikochisa, YAYX Yaylak, etc.

IDC 01 05:30:22.2-3.3, 5°62S-149°85E, h0km, mb3.6/3, mb1 4.0/4, mb1mx3.6/30, mbtmp3.8/4, ML2.7/1, Error ellipse: s-maj=106.5km s-min=39.5km az=116.0, New Britain region

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

ISCJB 01 05:39:28.1-0.7, 20°8S-02°178W, 0.2, h579km, mb3.6/8, Error ellipse: s-maj=27.1km s-min=16.0km az=139.0, IDC 01 05:39:30.9-4.3, 20°92S-178°59W, h604km, 54km, mb3.3, mb1 3.4/9, mb1mx3.2/38, mbtmp4.1/9, Error ellipse: s-maj=33.9km s-min=20.5km az=166.0, ISC 01 05:39:28.6-0.8, 20°8S-02°178W, 0.2, h579km, n14, r1501/15, mb3.6/8, Fiji Islands region

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

IDC 01 05:57:15.4-1.0, 14°88N-119°07E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.7/39, mbtmp4.2/4, Error ellipse: s-maj=27.5km s-min=15.9km az=44.0, ISCJB 01 05:57:16.5-1.3, 14°98N-0°03-119°00E-0°06, h18km, 10km, mb4.1/4, Error ellipse: s-maj=10.3km s-min=5.1km az=99.0, MAN 01 05:57:18.1, 14°99N-119°04E, h27km, mb4.8, ML3.7, M3.6, ISC 01 05:57:16.0-3.4, 14°96N-0°04-119°05E-0°07, h6km, 22km, n20, r159/32, mb4.2/4, 1C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCZP Santa Cruz, BOLP Bolinao, etc.

ISCJB 01 06:13:25.1-0.2, 44°63N-0°01-6°71E-0°02, h8km, 2km, Error ellipse: s-maj=2.5km s-min=1.9km az=153.8, ROM 01 06:13:25.5-0.2, 44°65N-0°009-6°80E-0°02, h8km, ML2.0/9, Error ellipse: s-maj=2.0km s-min=0.2km az=63.0, GEN 01 06:13:25.4, 44°62N-6°72E, h17km, 1km, M1.8, STR 01 06:13:25.2-0.3, 45°14N-6°78E, h2km, ML2.5/11, LDG 01 06:13:25.9-0.1, 44°65N-6°78E, h2km, ML2.5/2, M2.5/11, Error ellipse: s-maj=1.5km s-min=1.1km az=66.0, ISC 01 06:13:25.6-0.9, 44°53N-0°01-6°74E-0°02, h8km, 6km, n56, r059/96, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBDF Montbardon, SURF SaintOURS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RRL Rocca Remolon, BNI Bardonecchia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISO Isola, STV Sant Anna di V, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GDM Grand Maison, SAOF Saorge, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPG La Plagne, GBOS Grotte di Boss, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CALF Calern, LPL La Plagne, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSL Roseland, FRF La Foret Royal, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSTF la Bastide-des, IMI Imperia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LEOD Capriano del C, PGF Pioggiola, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, etc.

Table of astronomical observations for stations like KMBO, GERES, PSZ, ROSC, BURAR, etc. Columns include station name, coordinates, magnitude, and other parameters.

ISK 01 09:03:57.6, 37:86N, 27:38E, h8km, ML3.5/42
DDA 01 09:03:57.8, 37:86N, 27:35E, h26km, 1km, ML3.4
ATH 01 09:03:58.9, 37:87N, 27:33E, h10km, 2km, ML3.2/5, Error ellipse: s-maj=3.2km s-min=1.2km az=252.0

THE 01 09:03:58.3, 37:79N, 27:38E, h2km, 3km, ML3.1/2, Error ellipse: s-maj=3.2km s-min=0.7km az=193.0

ISC 01 09:03:58.2, 1.0, 37.86N, 0.02, 27.38E, h0.02, h8km, 2km, n93, 0.0579/115, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations and their observation times.

Table with columns: USAK, IAML_P, and various station names like AYVA, AMGA, PSRA, etc. Lists station names and associated parameters.

TAP 01 09:10:11.7, 25:32N, 122:60E, h206km, ML3.5, C
ISCJB 01 09:10:12.6, 0.6, 25:15N, 0.05, 122:65E, 0.02, h195km, 5km, Error ellipse: s-maj=8.6km s-min=3.2km az=108.0

JMA 01 09:10:12.1, 0.3, 25:20N, 122:61E, h199km, 4km, M3.4
ISC 01 09:10:11.7, 2.1, 25:21N, 0.09, 122:62E, 0.04, h204km, 12km, n67, 0.0561/107, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations and their observation times.

Table with columns: baz=231, NNS, NACB, etc. Lists station names and their associated parameters.

ATH 01 09:23:39.2, 38:73N, 22:80E, h11km, 4km, ML1.7/5, Error ellipse: s-maj=4.2km s-min=0.9km az=27.0, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations and their observation times.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like FUG Fuego 3, IXC Ixpaco, NBG Las Nubes, etc.

IDC 01 10:37:11.8.6.1.5:15S:102.02E,h0km,mb3.5/3, mb1 3.7/3,mb1mx3.4/40,mbtmp3.5/3,Error ellipse: s-maj=295.6km s-min=28.7km az=51.0

ISCJB 01 10:37:14.5.1.1,5:49S:0.06:101.90E:0.07,h29km, mb3.6/3,Error ellipse: s-maj=11.5km s-min=7.9km az=144.8

DJA 01 10:37:15.7.0.7.5:S:5x10^2E:,h24km,3km,M3.7/7, MLV3.7/7

ISC 01 10:37:15.8.1.2,5:31S:0.08:101.96E:0.07,h29km,n16, r130/13,mb3.6/3,Southwest of Sumatera

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like MNAI Manna, MASI Maura Aman, Be, KASI Kota Agung, etc.

HEL 01 10:58:35.0.7.60:20N:22:15E,h0km,Explosion, Finland

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like RAF Rauma, FIAO FINESSE Array S, KEF Keuruu, etc.

HEL 01 11:00:42.7.0.1,64:33N:21:10E,h0km,ML0.8(UPP), Explosion,Sweden

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like ODEU Stanfors, BURU Burvik, UMAU Umeaa, etc.

ROM 01 11:04:26.9.0.1,43:36SN:0.003:12:559E:0.003, h7km,ML2.2/20,Error ellipse: s-maj=0.2km s-min=0.1km az=330.0,Central Italy

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like ATFO Monte Foco - G, MURB Monte Urbino, ATVO AVT- Monte Val, etc.

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like ATMI comp=N,908um,0.4s, ATTE AVT- Monte Tez, NARO Abbazia di Nar, etc.

ROM 01 11:05:22.6.0.2,43:371N:0.004:12:564E:0.007, h5km,ML1.4/1,Error ellipse: s-maj=0.6km s-min=0.4km az=68.0,Central Italy

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like ATFO Monte Foco - G, MURB Monte Urbino, ATVO AVT- Monte Val, etc.

ISK 01 11:34:11.5,38:52N:35:88E,h5km,ML2.4/4 DDA 01 11:34:12.0,38:60N:35:85E,h7km,4km,ML2.8

ISC 01 11:34:12.9.1.1,38:61N:0.003:35:85E:0.04,h10km,10km, n13,r156/23,Turkey

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like BNN Bunyan, YAHY KAYSERI_Yahyal, SAIM ADANA, etc.

IDC 01 11:40:19.0.3.2,31:04S:177:84W,h0km,mb3.7/2, mb1 3.9/3,mb1mx3.6/26,mbtmp3.7/3,ML3.1/1, Error ellipse: s-maj=73.5km s-min=27.8km az=113.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, URZ 0.2km, etc.

ASAR Alice Springs 43.22 268 P P 11 48 2d 1 -0.1

WRA Warramunga Arr 44.27 273 P P 11 48 30.2 -0.3

FINES FINESSE Array B 145.79 340 PKPbc PKPdf 11 59 57.8 -1.1

SJA 01 11:58:54.8.1.1,20:74S:68:90W,h112km,7km,ML3.3, MW3.5

ISCJB 01 11:58:55.3.0.9,20:74S:0.03:69:0W:0.1,h119km,8km, Error ellipse: s-maj=15.6km s-min=4.3km az=177.5

GUC 01 11:58:55.0.0.5,20:73S:68:91W,h110km,9km,ML3.9

ISC 01 11:58:56.1.1,6:29S:0.00:66:92W:0.03, h109km,12km,n26,r06:52/47,4C-2D,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like PB01 IPOC Station P, PB08 IPOC Station P, PB09 IPOC Station P, etc.

ISK 01 12:02:03.5,36:96N:28:86E,h2km,ML2.4/8 DDA 01 12:02:03.9,36:99N:28:87E,h7km,1km,ML2.6

ISC 01 12:02:04.2.1,2,36:99N:0.003:28:91E:0.03,h2km,12km, n19,r06:67/26,Dodecanese Islands

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like DALY Dalyan (Mula), TURN Turunc, FETY Fethiye, etc.

ISK 01 12:36:32.6,39:27N:33:26E,h4km,ML2.1/5 DDA 01 12:36:32.9,39:25N:33:29E,h7km,2km,ML2.8

ISCJB 01 12:36:34.0.4,39:25N:0.02:33:27E:0.03,h7km,4km, Error ellipse: s-maj=4.0km s-min=3.6km az=167.2

ISC 01 12:36:33.0.1,0,39:26N:0.003:33:26E:0.02,h11km,9km, n15,r06:45/27,Turkey

Table with columns: Code, Station Name, Az, El, P, S, SNR, Time, Res. Includes stations like AFSR Afar-Bala (An), KKUL Konya-Kulu, KULU Kulu, etc.

NCB	Newcomb	27.61	261	P	P	19 47 22.7	+2.9
NCB				Iamb	Iamb	19 47 36.3	
ACCN	Adirondack Com	27.67	260	P	P	19 47 21.1	+0.7
ACCN				Iamb	Iamb	19 47 52.7	
SENIN	Lac Senin/Sane	27.70	92	P	P	19 47 21.0	+0.2
D53A	Kac Vaccine, Po	27.70	270	P	P	19 47 22.4	+1.8
ORIF	Oris-en-Rattie	27.76	96	P	P	19 47 21.0	-0.2
ORIF				pmx	pmx		
MOX	Moxa	27.86	81	P	P	19 47 22.3	+0.3
MOX				pmx	pmx		
LPL	La Plagne	27.88	94	eP	pmx	19 47 21.8	-0.6
LPL				pmx	pmx		
LPG	La Plagne	27.90	94	eP	pmx	19 47 22.2	-0.5
LPG				pmx	pmx		
J59A	Plesco	28.09	261	P	P	19 47 24.9	+0.8
TRY	Troy	28.10	259	P	P	19 47 23.7	-0.5
TRY				Iamb	Iamb	19 47 39.2	
GRA1	Grabenberg Arr	28.11	83	P	P	19 47 24.3	0.0
GRA1				Iamb	Iamb	19 47 41.3	
GRF	Grabenberg Arr	28.11	83	P	P	19 47 24.3	0.0
GRF				pmx	pmx		
BNI	Bardonecchia	28.13	95	P	pmx	19 47 24.3	-0.3
BNI				pmx	pmx		
BNI	Bardonecchia	28.13	95	P	P	19 47 24.3	-0.3
CLL	Colim	28.32	79	iP	S	19 47 25.2	-0.8
CLL				S	S	19 52 12.0	-0.1
CLL				pmx	pmx		
CLL				MLR	MLR		
CLL				i	i	19 47 56.0	
CLL				eS	S	19 52 12.0	-0.1
CLL				Iamb	Iamb	19 47 57.4	
SPITS	Spitsbergen Arr	28.33	20	LR	LR	19 55 55.6	
MBDF	Montbardon	28.38	95	eP	pmx	19 47 29.4	+2.6
MBDF				pmx	pmx		
GRB1	Grabenberg Arr	28.51	83	P	pmx	19 47 27.3	-0.5
GRB1				pmx	pmx		
NKC	Novy Kostel	28.53	81	eP	S	19 47 27.4	-0.6
NKC				eS	S	19 52 16.1	+0.6
NKC				MLR	MLR		
NKC	Novy Kostel	28.53	81	eP	x	19 47 27.4	-0.6
NKC				eS	S	19 52 16.1	+0.6
NKC				AMS	AMS	19 59 40.0	
PLVO	Plevna	28.55	266	P	P	19 47 30.1	+2.0
PLVO				Iamb	Iamb	19 48 04.5	
J58A	Remsen	28.59	261	P	P	19 47 30.2	+1.7
J58A				Iamb	Iamb	19 47 38.6	
TUE	Stuetta	28.80	90	P	P	19 47 31.3	+0.8
ISO	Isola	28.87	96	P	P	19 47 30.7	-0.4
ISO				pmx	pmx		
DAVOX	Davos/Dischmat	28.92	89	P	P	19 47 32.0	+0.4
DAVOX				LR	LR	19 58 49.3	
DAVOX				LR	LR	19 58 49.3	
J57A	Williamstow	28.95	262	P	P	19 47 32.8	+1.0
RETA	Reutte	29.02	87	eP	P	19 47 32.4	0.0
RETA				eP	P	19 47 31.6	-0.9
BRG	Berggiesshubel	29.05	79	eP	S	19 52 21.0	-2.6
BRG				S	S		
BRG	Berggiesshubel	29.05	79	eP	S	19 47 31.6	-0.9
BRG				S	S	19 52 21.0	-2.6
BRG				pmx	pmx		
BRG				MLR	MLR		
BRG				MLR	MLR		
BRG				MLR	MLR		
CART	Carlagena	29.07	114	P	P	19 47 31.4	-1.5
RTC	Rabat Centre	29.10	127	P	P	19 47 32.9	-0.9
DELO	Delfino Milne	29.17	266	P	P	19 47 34.5	+0.8
PECO	Prince Edward	29.18	264	P	Iamb	19 47 43.6	
PECO				Iamb	Iamb		
FETA	Feichten	29.26	86	eP	P	19 47 35.0	+0.4
MOTA	Moosalm	29.29	87	eP	P	19 47 34.8	-0.1
WET	Wetzell	29.32	83	P	pmx	19 47 35.4	+0.4
WET				pmx	pmx		
PAL	Palisades	29.39	256	P	P	19 47 35.1	-0.5
PAL				pmx	pmx		
PAL	Palisades	29.39	256	P	P	19 47 35.1	-0.5
PAL				Iamb	Iamb	19 48 28.4	
SQTA	Sankt Quirin	29.42	87	eP	P	19 47 36.3	+0.3
ARCES	ARCESS Array B	29.47	38	P	P	19 47 35.1	-1.0
ARCES				LR	LR	19 57 08.2	
ARCES	ARCESS Array B	29.47	38	P	P	19 47 34.8	-1.3
ARCES				P	P	19 47 34.8	-1.3
AREO	ARCESS Array S	29.47	38	P	P	19 47 34.6	-1.5
RES	Resolute Bay	29.51	332	P	P	19 47 35.9	-0.5
RES				LR	LR	19 57 36.0	
RES	Resolute Bay	29.51	332	P	P	19 47 37.2	+0.8
RES				pmx	pmx		
RES	Resolute Bay	29.51	332	P	P	19 47 37.2	+0.8
RES				AMS	AMS	20 00 00.0	
PVCC	Panska Ves	29.56	79	AMS	AMS	20 00 00.0	
KHC	Kasperske Hory	29.72	82	eP	P	19 47 38.1	-0.5
KHC				eS	S	19 52 33.7	-0.6
KHC				MLR	MLR		
KHC	Kasperske Hory	29.72	82	eP	P	19 47 38.1	-0.5
KHC				eS	S	19 52 33.7	-0.6
KHC				AMS	AMS	20 01 00.0	
KHC	Kasperske Hory	29.72	82	P	P	19 47 37.9	-0.7
GKP	Gorka Kiasztor	29.75	73	eP	P	19 47 39.0	+0.3
GKP				eP	P	19 47 39.0	+0.3
GKP				eP	P	19 47 39.0	+0.3
PRU	Pruhonic	29.82	80	eS	S	19 52 30.1	-5.6
PRU				AMS	AMS	20 01 00.0	
SADO	Sadowa	29.88	267	P	P	19 47 40.8	+0.9
SADO				pmx	pmx		

SADO	Sadowa	29.88	267	P	P	19 47 40.1	+0.2
SADO				Iamb	Iamb	19 47 51.5	
GERES	GERESS Array S	29.94	83	P	P	19 47 41.2	+0.6
GERES				P	P	19 47 40.2	-0.3
GERES	GERESS Array B	29.94	83	P	P	19 47 40.6	0.0
GERES				LR	LR	19 58 45.6	
GERES	GERESS Array B	29.94	83	P	P	19 47 39.4	-1.2
GERES				P	P	19 47 39.4	-1.2
GERES	GERESS Array B	29.94	83	P	P	19 47 40.2	-0.5
GERES				Iamb	Iamb	19 47 48.4	
KEV	Kevo	29.98	38	P	P	19 47 40.2	-0.4
KEV				pmx	pmx		
KEV	Kevo	29.98	38	P	P	19 47 40.2	-0.4
KEV				Iamb	Iamb	19 47 47.1	
GOPC	GO Pecny, Ondr	29.99	80	eS	S	19 52 38.5	0.0
GOPC				AMS	AMS	20 01 00.0	
J55A	Hilton	30.07	264	P	Iamb	19 47 43.1	+1.5
J55A				Iamb	Iamb	19 47 52.1	
OUL	Oulu	30.19	47	P	pmx	19 47 43.2	+0.7
OUL				pmx	pmx		
CTI	Castel Tesino	30.34	89	P	pmx	19 47 44.1	-0.1
CTI				pmx	pmx		
CTI	Castel Tesino	30.34	89	P	P	19 47 44.1	-0.1
PRMA	PARMA	30.35	92	P	P	19 47 44.1	0.0
PRMA				Iamb	Iamb	19 47 47.0	
CHVC	Chvalec	30.36	78	eP	AMS	19 47 43.5	-0.7
CHVC				AMS	AMS	20 00 40.0	
KSP	Ksiaz	30.36	78	eP	P	19 47 43.6	-0.6
KSP				eP	P	19 47 43.6	-0.6
UPC	Upice	30.37	78	eP	S	19 47 43.8	-0.5
UPC				eS	S	19 52 45.4	+1.0
UPC				MLR	MLR		
UPC	Upice	30.37	78	eP	P	19 47 43.8	-0.5
UPC				eS	S	19 52 45.4	+1.0
UPC				AMS	AMS	20 00 40.0	
ABTA	Abfaltersbach	30.43	87	eP	P	19 47 45.3	+0.4
MMNY	Mt. Morris Dam	30.46	263	P	P	19 47 45.5	+0.4
LUPA	Louisiana State Game Lab	30.48	257	P	P	19 47 46.2	+0.9
N59A	N59A	30.48	258	Iamb	Iamb	19 47 46.5	+1.1
N59A				Iamb	Iamb	19 48 24.1	
MACI	Morro de la Ar	30.48	147	P	Iamb	19 47 45.7	+0.1
MACI				Iamb	Iamb	19 47 51.7	
MEDO	Medina	30.49	264	P	Iamb	19 47 45.9	+0.5
MEDO				Iamb	Iamb	19 48 45.6	
J54A	Appleton	30.53	264	P	Iamb	19 47 46.3	+0.7
J54A				Iamb	Iamb	19 47 55.4	
DPC	Dobruska-Polom	30.62	78	eP	eS	19 47 46.2	-0.3
DPC				eS	S	19 52 48.2	-0.2
DPC	Dobruska-Polom	30.62	78	eP	eS	19 47 46.2	-0.3
DPC				eS	S	19 52 48.2	-0.2
DPC				AMS	AMS	20 00 50.0	
L56A	Greenwood	30.66	262	P	Iamb	19 47 48.4	+1.5
L56A				Iamb	Iamb	19 47 57.9	
TREC	Trest	30.70	81	eP	P	19 47 47.3	+0.1
TREC				eS	S	19 47 51.3	
TREC				MLR	MLR	19 52 51.0	+1.4
TREC	Trest	30.70	81	eP	P	19 47 47.3	+0.1
TREC				eP	P	19 47 51.3	-1.0
TREC				eS	S	19 52 51.0	+1.4
TREC				AMS	AMS	20 01 10.0	
KBA	Koelnbreinsper	30.71	86	P	pmx	19 47 47.4	-0.1
KBA				pmx	pmx		
KBA	Koelnbreinsper	30.71	86	eP	P	19 47 47.9	+0.5
TEOL	Teolo	30.76	90	P	Iamb	19 47 47.8	+0.1
TEOL				Iamb	Iamb	19 47 49.5	
VLC	Villacollemand	30.77	93	P	Iamb	19 47 47.2	-0.7
VLC				Iamb	Iamb	19 47 57.9	
MOA	Molin	30.80	84	pP	P	19 47 48.7	+0.7
STAL	STALIGAL	30.82	88	P	P	19 47 48.3	0.0
ZCCA	Zocca	30.98	92	Iamb	Iamb	19 47 50.4	+0.7
ZCCA				Iamb	Iamb	19 48 18.3	
N58A	Sunbury	31.05	259	P	P	19 47 51.7	+1.3
WYN	West Valley, N	31.07	253	P	P	19 47 52.0	+1.6
MDT	Middletown	31.11	115	P	P	19 47 51.3	+0.3
MYKA	Terra Mystica	31.13	86	eP	P	19 47 51.4	+0.3
MYKA				eP	P	19 47 51.4	+0.3
FIAT	FIAT	31.18	54	P	Iamb	19 47 50.7	-0.6
FIAT				Iamb	Iamb	19 47 54.0	
FINES	FINESS Array B	31.18	54	P	P	19 47 51.0	-0.2
FINES				LR	LR	19 59 00.2	
FINES	FINESS Array B	31.18	54	P	P	19 47 51.5	+0.2
FINES				P	P	19 47 51.5	+0.2
MSF	Maaseika	31.31	45	pmx	pmx	19 47 53.8	+1.5
VRAC	Vranov	31.31	80	P	pmx	19 47 53.4	+0.8
VRAC				pmx	pmx		
VRAC	Vranov	31.31	80	eP	P	19 47 52.8	+0.2
KRUC	Moravsky Emporium	31.33	80	eP	P	19 47 51.3	-1.4
M56A	M56A	31.44	261	P	Iamb	19 47 53.3	-0.5
M56A				Iamb	Iamb	19 48 43.9	
PAGS	Pennsylvania G	31.48	258	P	Iamb	19 47 54.5	+0.4
PAGS				Iamb	Iamb	19 48 02.5	
MORC	Moravsky Berou	31.59	79	P	pmx	19 47 54.0	-1.1
MORC				pmx	pmx		
MORC	Moravsky Berou	31.59	7				

1d 19h

113A	comp=Z,30nm,1.1s	I Amb	I Amb	19 51 33.5	
214A	Organ Pipe Nat	57.68 280	P	P	19 51 23.6 +0.6
214A	comp=Z,30nm,1.3s	I Amb	I Amb	19 51 34.2	
GLA	Glamis	57.98 283	P	Pmax	19 51 25.9 +0.9
GLA	comp=Z,58nm,1.2s	P	Pmax		
GLA	Glamis	57.98 283	P	P	19 51 25.9 +0.9
ISA	Isabella, Lake	58.01 287	P	P	19 51 25.5 +0.2
ISA	comp=Z,58nm,1.9s	I Amb	I Amb	19 51 30.2	
ISA	Isabella, Lake	58.01 287	P	P	19 51 25.5 +0.2
ESTN	Estel	58.10 244	P	P	19 51 27.0 +0.8
PTBC	PUERTO BERRIO	58.27 228	eP	P	19 51 27.2 0.0
PTBC	PUERTO BERRIO	58.27 228	eP	P	19 51 27.2 0.0
RUSC	La Rusia	58.28 226	P	P	19 51 27.4 -0.5
PFO	Pinyon Flats O	58.45 284	P	Pmax	19 51 29.9 +1.4
PFO	comp=Z,19nm,1.0s	I Amb	I Amb	19 51 40.1	
PFO	Pinyon Flats O	58.45 284	P	P	19 51 29.9 +1.4
CCIG	Comitan	58.46 251	P	I Amb	19 51 29.6 +0.8
CCIG	comp=Z,33nm,1.2s	I Amb	I Amb	19 51 38.9	
ACON	Acocoya	58.47 242	P	P	19 51 27.8 -0.8
MBCC	Marcioni Confer	58.49 292	eP	P	19 51 33.2 +1.5
DBBC	Dabeiba	58.59 230	eP	P	19 51 30.7 +1.1
DBBC	Dabeiba	58.59 230	eP	P	19 51 30.7 +1.1
MWC	Mount Wilson	58.86 286	P	Pmax	19 51 32.3 +0.9
MWC	comp=Z,25nm,1.1s	Pmax	Pmax		
MWC	Mount Wilson	58.86 286	P	I Amb	19 51 32.3 +0.9
MWC	comp=Z,24nm,1.1s	I Amb	I Amb	19 51 42.1	
HSIG	San Pablo de B	58.87 277	P	P	19 51 31.6 +0.2
SPBC	San Pablo de B	58.91 227	eP	P	19 51 33.2 +1.5
SPBC	San Pablo de B	58.91 227	eP	P	19 51 33.2 +1.5
PASC	Pasadena Art C	58.97 286	P	P	19 51 32.2 +0.3
ZAIG	Zacatecas	58.99 265	P	P	19 51 30.9 -1.6
BAR	Barrett	59.27 284	P	I Amb	19 51 33.1 -1.0
BAR	comp=Z,32nm,1.1s	I Amb	I Amb	19 51 45.4	
CHGN	Chignik	59.29 327	P	P	19 51 34.3 +0.5
NORC	Norcasia	59.32 228	eP	P	19 51 35.0 +0.4
NORC	Norcasia	59.32 228	eP	P	19 51 35.0 +0.4
CBOC	Ciudad Bolivar	59.54 229	eP	P	19 51 36.7 +0.5
CBOC	Ciudad Bolivar	59.54 229	eP	P	19 51 36.7 +0.5
CHIC	Chingaza	59.69 226	eP	P	19 51 41.9 +4.3
CHIC	Chingaza	59.69 226	eP	P	19 51 41.9 +4.3
ROSC	El Rosal	59.75 227	P	P	19 51 39.3 +1.4
ROSC	comp=Z,31nm,0.7s,baz=34,slow=5.7,SNR=14	LR	LR	20 14 59.4	
ROSC	comp=Z,225nm,21.6s,baz=28,slow=34	LR	LR		
ROSC	El Rosal	59.75 227	eP	P	19 51 41.0 +3.1
ROSC	El Rosal	59.75 227	eP	P	19 51 41.0 +3.1
ROSC	El Rosal	59.75 227	eP	P	19 51 41.0 +3.1
ROSC	El Rosal	59.75 227	eP	P	19 51 41.0 +3.1
ROSC	El Rosal	59.75 227	eP	P	19 51 41.0 +3.1
GUYZC	Guyana, Caldas	59.84 228	eP	P	19 51 39.2 +1.3
GUYZC	Guyana, Caldas	59.84 228	eP	P	19 51 39.2 +1.3
PTGA	Pitinga	59.92 209	P	P	19 51 37.9 -0.7
ZAAO	Zalesovo Array	59.99 36	P	P	19 51 38.2 -0.5
ZALV	Zalesovo Beam	59.99 36	P	P	19 51 38.3 -0.4
ZALV	comp=Z,1.4nm,0.7s,baz=330,slow=8.6,SNR=7.5	LR	LR	20 17 34.0	
ZALV	comp=Z,314nm,18.1s,baz=250,slow=36	LR	LR		
ZALV	Zalesovo Beam	59.99 36	P	P	19 51 38.0 -0.7
ZALV	comp=Z,1.0nm,0.7s	Pmax	Pmax		
ZALV	Zalesovo Beam	59.99 36	P	P	19 51 37.8 -0.9
CHN	Chinchina	60.18 229	P	P	19 51 44.7 +4.1
CHN	comp=Z,1.0nm,0.7s	Pmax	Pmax		
KURK	Kurchatov	60.41 42	eP	Pmax	19 51 42.0 +0.4
KURK	comp=Z,16nm,1.3s	Pmax	Pmax		
KURK	Kurchatov	60.41 42	P	P	19 51 41.7 +0.1
KURK	SNR=7.4	P	P	19 51 41.7 +0.1	
KURK	Kurchatov	60.41 42	P	I Amb	19 51 40.8 -0.8
KURK	comp=Z,18nm,1.1s	I Amb	I Amb	19 51 49.0	
SDPT	Sand Point	60.72 328	P	P	19 51 42.3 -1.3
CNBA	Chernabura Isl	60.90 327	P	P	19 51 44.7 -0.1
TLIG	Tlapa	60.94 258	P	P	19 51 44.7 -1.0
PRAC	Prado	61.09 227	eP	P	19 51 46.2 +0.1
PRAC	Prado	61.09 227	eP	P	19 51 46.2 +0.1
GEYT	Alibeck	61.19 64	P	P	19 51 48.0 +0.9
GEYT	comp=Z,11nm,1.1s,baz=285,slow=7.3,SNR=16	LR	LR	20 20 13.7	
GEYT	comp=Z,654nm,18.7s,baz=330,slow=38	LR	LR		
GEYT	Alibeck	61.19 64	P	P	19 51 47.4 +0.3
GYA0B	ALIBECK ARRAY	61.19 64	P	P	19 51 47.4 +0.3
GYA0B	comp=Z,20nm,1.2s	I Amb	I Amb	19 51 49.6	
SEY	Seymchi	61.51 356	i P	P	19 51 50.9 +2.1
SPIA	Saint Paul Isl	61.80 334	P	P	19 51 51.0 +0.1
YAK	Yakutsk	61.92 8	P	P	19 51 50.3 -1.3
YAK	comp=Z,9.0nm,0.9s	Pmax	Pmax		
YAK	Yakutsk	61.92 8	P	P	19 51 50.2 -1.3
PCON	Cinco Dias	62.88 228	eP	P	19 52 06.0 +6.6
PCON	Cinco Dias	62.88 228	eP	P	19 52 06.0 +6.6
KK31	Karatay Array	63.12 52	P	P	19 52 00.4 +0.4
KK31	comp=Z,28nm,1.7s	Pmax	Pmax		
KK31	Karatay Array	63.12 52	P	I Amb	19 52 09.5
KK31	comp=Z,28nm,1.6s	I Amb	I Amb	19 52 09.5	
KKAR	Karatay Array	63.12 52	P	P	19 51 59.3 -0.7
KKAR	comp=Z,28nm,1.7s	Pmax	Pmax		
KKAR	Karatay Array	63.12 52	P	P	19 51 59.3 -0.7
KKAR	Karatay Array	63.12 52	P	I Amb	19 52 09.5
SOTA	Rioblanco	63.14 228	eP	P	19 52 02.5 +1.5
SOTA	Rioblanco	63.14 228	eP	P	19 52 02.5 +1.5
AKUT	Akutlan	63.32 330	P	P	19 52 00.2 -0.8
CRUC	La Cruz	63.80 228	eP	P	19 52 06.8 +1.6
CRUC	La Cruz	63.80 228	eP	P	19 52 06.8 +1.6
BOD	Bodaibo	64.02 18	eP	Pmax	19 52 03.5 -2.2
BOD	comp=Z,8.0nm,1.5s	Pmax	Pmax		
PTLC	Puerto Leguiza	64.17 226	eP	P	19 52 09.4 +2.2
PTLC	Puerto Leguiza	64.17 226	eP	P	19 52 09.4 +2.2
USP	Ospenovka	64.74 50	P	P	19 52 12.3 +1.6
MAKZ	Makanchi	64.89 43	P	Pmax	19 52 11.2 -0.4
MAKZ	comp=Z,19nm,1.1s	Pmax	Pmax		
MAKZ	Makanchi	64.89 43	P	I Amb	19 52 19.2
MAKZ	comp=Z,19nm,1.1s	I Amb	I Amb	19 52 19.2	
EKS2	Erkin-Say	64.92 51	P	P	19 52 14.6 +2.6
MA2	Magadan	64.92 357	LR	LR	20 20 02.3
MAK31	Makanchi Array	65.02 42	P	Pmax	19 52 11.3 -1.1
MAK31	comp=Z,309nm,18.9s,baz=14,slow=36	Pmax	Pmax		
MAK31	Makanchi Array	65.02 42	P	P	19 52 11.3 -1.1
MAK31	comp=Z,17nm,1.2s	I Amb	I Amb	19 52 19.9	
MAK31	Makanchi Array	65.02 42	P	I Amb	19 52 12.4 -0.1
MAKAR	Makanchi Array	65.02 42	P	P	19 52 12.4 -0.1
MAKAR	comp=Z,13nm,0.7s,baz=330,slow=5.3,SNR=42	LR	LR	20 20 15.5	
MAKAR	comp=Z,604nm,18.1s,baz=322,slow=36	LR	LR		
CHMS	Chumshy	65.02 42	P	P	19 52 11.8 -0.7
CHMS	Chumshy	65.07 50	P	P	19 52 15.0 +2.2
FRU1	Bishkek	65.17 50	P	Pmax	19 52 14.2 +0.7
FRU1	comp=Z,27nm,1.3s	Pmax	Pmax		
FRU1	Bishkek	65.17 50	P	I Amb	19 52 14.2 +0.7
FRU1	comp=Z,27nm,1.2s	I Amb	I Amb	19 52 17.1	
AAK	Ala-Archa	65.25 50	i P	P	19 52 15.8 +1.7

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AAK	SNR=12	65.25	50	eP	P	19 52 15.7 +1.5
AAK	Ala-Archa	65.25	50	eP	Pmax	19 52 15.7 +1.5
AAK	comp=Z,15nm,1.3s	65.25	50	P	P	19 52 15.4 +1.2
AAK	Ala-Archa	SNR=7.7	P	P	P	19 52 15.4 +1.2
AAK	SNR=7.7	65.25	50	P	P	19 52 16.5 +2.4
AAK	Ala-Archa	65.25	50	P	P	19 52 14.9 +0.7
AAK	Ala-Archa	65.25	50	P	I Amb	19 52 23.3
AML	comp=Z,19nm,1.3s	65.31	51	P	P	19 52 16.8 +1.9
AML	Alayashu	SNR=7.4	P	P	P	19 52 17.0 +1.2
TKM2	Tokmak 2	65.49	49	P	P	19 52 17.0 +1.2
RAYN	Ar Rayn	SNR=18	65.52	84	i P	19 52 16.1 +0.1
RAYN	Ar Rayn	SNR=18	65.52	84	P	19 52 16.1 +0.1
RAYN	Ar Rayn	65.52	84	P	P	19 52 15.7 -0.3
RAYN	comp=Z,20nm,1.4s	65.52	84	Pmax	Pmax	
RAYN	Ar Rayn	65.52	84	P	I Amb	19 52 15.7 -0.3
RAYN	comp=Z,20nm,1.4s	65.52	84	I Amb	I Amb	19 52 22.6
H10N2	ASCENSION HYDR65.58	158	T	T	T	21 03 07.1
H10N2	comp=Z,220nm,1.4s	158	T	T	T	21 03 07.1
H10N3	ASCENSION HYDR65.59	158	T	T	T	21 03 08.1
H10N3	comp=Z,220nm,1.4s	158	T	T	T	21 03 08.1
UCH	Uchter	65.59	50	P	P	19 52 19.6 +2.9
UCH	SNR=27	65.59	50	P	P	19 52 19.6 +2.9
H10N1	ASCENSION HYDR65.60	158	T	T	T	21 03 06.1
H10N1	comp=Z,220nm,1.4s	158	T	T	T	21 03 06.1
OTAV	Otavalo	65.63	229	P	Pmax	19 52 17.8 +0.6
OTAV	comp=Z,11nm,1.0s	65.63	229	Pmax	Pmax	
OTAV	Otavalo	65.63	229	P	I Amb	19 52 17.8 +0.6
OTAV	comp=Z,11nm,0.9s	65.63	229	I Amb	I Amb	19 52 26.2
ARSB	Arslanbob	65.64	52	P	P	19 52 17.3 +0.5
BTk	Batken	65.68	54	P	P	19 52 16.8 -0.1
BTk	comp=Z,28nm,1.1s	65.68	54	Pmax	Pmax	
BTk	Batken	65.68	54	P	P	19 52 16.8 -0.1
BOOM	Boomsokoye usch	65.99	49	P	P	19 52 19.4 +0.4
BOOM	comp=Z,11nm,1.1s	65.99	49	Pmax	Pmax	
BOOM	Boomsokoye usch	65.99	49	P	I Amb	19 52 19.4 +0.4
BOOM	comp=Z,11nm,1.1s	65.99	49	I Amb	I Amb	19 52 22.4
HRA	Herat	66.03	64	P	I Amb	19 52 19.1 -0.4
HRA	comp=Z,21nm,1.1s	66.03	64	I Amb	I Amb	19 52 31.6
GAR	Garm	66.20	55	P	P	19 52 20.7 -0.2
ULHL	Ulahol	66.32	49	P	P	19 52 23.2 +2.0
KDJ	Kajisay	SNR=6.4	66.81	49	P	19 52 25.7 +1.4
KDJ	comp=Z,19nm,1.2s	66.81	49	Pmax	Pmax	
KDJ	Kajisay	66.81	49	P	P	19 52 25.7 +1.4
KDJ	comp=Z,19nm,1.1s	66.81	49	I Amb	I Amb	19 52 33.7
NRRN	Naryn	66.88	50	P	P	19 52 24.8 0.0
NRRN	comp=Z,14nm,1.2s	66.88	50	Pmax	Pmax	
NRRN	Naryn	66.88	50	P	I Amb	19 52 24.9 0.0
NRRN	comp=Z,14nm,1.1s	66.88	50	I Amb	I Amb	19 52 29.4
PRZ	Przheval'sk	67.03	48	P	P	19 52 25.6 -0.1
PRZ	comp=					

mB4.6/20
IDC 02:00:38:46.5:0.4, 13.91N:120.74E, h161km, 3km, mb4.1/24,
mb1.4/25, mb1mx4.0/36, mbmp4.5/25, Error ellipse:
s-maj=13.9km s-min=9.4km az=75.0
ISCJB 02:00:38:46.1:0.2, 13.92N:120.69E:0.04,
h168km, 2km, mb4.3/30, Error ellipse: s-maj=5.8km
s-min=3.2km az=171.0
MAN 02:00:38:47.2, 13.90N:120.53E, h140km, mb4.4, ML3.2,
M3.0
NEIC 02:00:38:48.2:1.4, 13.90N:120.06E:120.69E:0.08,
h177km, 6km, mb4.4/30
DJA 02:00:38:55.7:0.7, 14.14N:121.1E, h256km, 7km, M4.6/27,
mB5.3/5, mb4.5/27, Mw(mB)4.7/5
ISCJ 02:00:38:47.1:0.4, 13.87N:120.120.63E:0.04, h163km, 3km,
n171.1, s1937/189, mb4.4/53, 9C-2D, Mindoro

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

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

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BLO	baz=188,SNR=22	38.55	4	IAMB	IAMB	01 05 21.1				
R55A	Marlinton baz=159,SNR=8.6	38.56	12	P	P	01 05 19.5 -0.6				
R55A	Marlinton comp=Z,799nm,19.0s	38.56	12	IAMS_20	IAMS_20	01 20 42.3				
Q51A	Peebles baz=190,SNR=28	38.73	8	P	P	01 05 20.6 -0.8				
S59A	Mechanicsville baz=200	38.75	16	P	P	01 05 20.4 -1.1				
R58B	Mineral baz=199,SNR=7.0	38.78	15	P	P	01 05 20.5 -1.3				
R58B	Mineral comp=Z,1um,21.0s	38.78	15	IAMS_20	IAMS_20	01 20 10.9				
X18A	Snowflake baz=238nm,0.8s	38.79	333	IAMB	IAMB	01 05 29.1				
Q52A	Bidwell baz=182,SNR=21	38.83	9	P	P	01 05 21.4 -0.8				
R56A	Bull Pasture M baz=196	38.84	13	P	P	01 05 21.7 -0.7				
Q53A	Leroy baz=193,SNR=10	38.85	10	P	P	01 05 21.5 -0.9				
S60A	Water View baz=201	38.87	16	P	P	01 05 21.3 -1.2				
T25A	Trinidad baz=159,SNR=20	38.90	341	P	P	01 05 24.6 +1.5				
KSU1	Kansas State U baz=169,SNR=16	38.91	351	P	P	01 05 23.1 +0.3				
KSU1	Kansas State U comp=Z,1um,20.0s	38.91	351	IAMS_20	IAMS_20	01 22 34.2				
P43A	Skaggs, Pawnee baz=180,SNR=11	38.92	0	P	P	01 05 22.8 -0.1				
P43A	Skaggs, Pawnee comp=Z,1um,22.0s	38.92	0	IAMS_20	IAMS_20	01 19 55.1				
R57A	Standardsville baz=198,SNR=6.7	38.94	14	P	P	01 05 21.7 -1.4				
P46A	Rosedale baz=184	38.96	3	P	P	01 05 22.2 -1.1				
G005	Huala comp=Z,2um,20.0s	39.05	157	P	P	01 05 22.6 -1.5				
R58A	Rapidan baz=198	39.07	15	P	P	01 05 23.1 -1.1				
P49A	Miami Univ. Ec baz=188,SNR=10	39.07	6	P	P	01 05 22.8 -1.4				
Q54A	Coxs Mills baz=194	39.10	11	P	P	01 05 23.2 -1.2				
S61A	Accomac baz=202	39.14	18	P	P	01 05 24.3 -0.5				
S61A	Accomac comp=Z,1um,21.0s	39.14	18	IAMS_20	IAMS_20	01 20 18.2				
CBN	Corbin Frederi baz=200	39.14	15	P	P	01 05 23.8 -1.0				
CBN	Corbin Frederi comp=Z,1um,20.0s	39.14	15	IAMS_20	IAMS_20	01 20 32.4				
W18A	Petrified Fore baz=147,SNR=12	39.18	334	P	P	01 05 27.2 +1.8				
CBK5	Cedar Bluff baz=164,SNR=18	39.20	347	P	P	01 05 25.8 +0.4				
CBK5	Cedar Bluff comp=Z,72nm,0.9s	39.20	347	IAMB	IAMB	01 05 31.6				
CBK5	Williamsport comp=Z,861nm,21.0s	39.22	8	P	P	01 05 24.2 -1.2				
AQDB	Aquidana baz=190,SNR=7.0	39.22	124	eP	S	01 05 25.1 -0.7				
Q50A	Jamestown baz=189,SNR=11	39.25	7	eS	P	01 05 24.3 -1.4				
Q55A	Buckhannon baz=195	39.26	12	P	P	01 05 24.8 -1.1				
X16A	Lo Mia Camp, P comp=Z,2um,20.0s	39.40	331	IAMS_20	IAMS_20	01 20 23.9				
R60A	Leonardtown, M baz=201	39.42	16	P	P	01 05 26.0 -1.1				
O44A	Mansfield baz=182,SNR=9.7	39.44	1	P	P	01 05 26.5 -0.8				
P53A	Whipple baz=193,SNR=17	39.49	10	P	P	01 05 26.9 -0.7				
P53A	Whipple comp=Z,50nm,0.8s	39.49	10	IAMB	IAMB	01 05 26.7 -1.0				
Q56A	Snyder Ridge baz=196	39.49	13	P	P	01 05 27.0 -0.7				
Q56A	Snyder Ridge comp=Z,49nm,20.0s	39.49	13	IAMS_20	IAMS_20	01 22 00.8				
P52A	Corning baz=192,SNR=7.9	39.51	9	P	P	01 05 26.2 -1.7				
Q57A	Strasburg baz=198	39.67	14	P	P	01 05 28.2 -1.0				
SFIN	Lafayette baz=184,SNR=9.1	39.72	3	P	P	01 05 28.4 -1.2				
SFIN	Lafayette comp=Z,47nm,1.0s	39.72	3	IAMB	IAMB	01 05 30.5				
O48A	Farmland baz=187,SNR=6.6	39.74	5	P	P	01 05 28.1 -1.7				
Q58A	Fox Den Farm baz=199	39.76	15	P	P	01 05 29.0 -1.0				
O49A	Covington baz=188,SNR=22	39.76	6	P	P	01 05 28.7 -1.2				
P54A	Burton baz=194	39.77	11	P	P	01 05 28.7 -1.4				
O50A	Cable baz=189,SNR=24	39.80	7	P	P	01 05 29.2 -1.1				
Y14A	Wickenburg comp=Z,1um,20.0s	39.80	329	IAMS_20	IAMS_20	01 20 43.6				
P55A	Reedsville baz=195	39.80	12	P	P	01 05 29.3 -1.1				
SDCO	Great Sand Dun baz=155,SNR=94	39.81	340	P	P	01 05 31.8 +1.1				
HDIL	Hopedale baz=180,SNR=7.1	39.83	0	P	P	01 05 29.9 -0.6				
HDIL	Hopedale comp=Z,852nm,22.0s	39.83	0	IAMS_20	IAMS_20	01 20 34.3				
R61A	Willards baz=202	39.84	18	P	P	01 05 31.0 +0.5				
R61A	Willards comp=Z,1um,22.0s	39.84	18	IAMS_20	IAMS_20	01 20 16.7				
O51A	Pataskala baz=191,SNR=7.8	39.94	8	P	P	01 05 30.0 -1.5				
MCWV	Mont Chateau baz=195	39.95	12	P	P	01 05 30.4 -1.1				
ACSO	Alum Creek Sta baz=190,SNR=9.2	39.97	8	P	P	01 05 30.8 -0.9				
ACSO	Alum Creek Sta comp=Z,39nm,1.5s	39.97	8	IAMB	IAMB	01 05 33.4				
N41A	Harden Midland baz=178,SNR=12	40.00	359	P	P	01 05 31.0 -0.9				
P56A	Dayton Farm, R baz=197	40.02	13	P	P	01 05 31.6 -0.5				
O52A	Adamsville baz=192,SNR=5.9	40.03	9	P	P	01 05 31.0 -1.1				
GLA	Glamis baz=139,SNR=13	40.10	326	P	P	01 05 34.4 +1.5				
GLA	Glamis comp=Z,58nm,1.2s	40.10	326	IAMB	IAMB	01 05 40.5				
KSCO	Kaye Shedlock baz=160,SNR=5.2	40.10	344	P	P	01 05 33.6 +0.7				
KSCO	Kaye Shedlock comp=Z,69nm,1.1s	40.10	344	IAMB	IAMB	01 05 36.0				
KSCO	Homestead Farm baz=193,SNR=5.4	40.19	14	P	P	01 05 32.9 -0.6				
P57A	Homestead Farm comp=Z,1um,22.0s	40.19	14	IAMS_20	IAMS_20	01 20 02.2				
O53A	New Philadelphia baz=193,SNR=8.6	40.26	10	P	P	01 05 32.9 -1.2				
WUAZ	Wupatki baz=145,SNR=48	40.26	332	P	P	01 05 36.3 +1.9				
WUAZ	Wupatki comp=Z,66nm,0.9s	40.26	332	IAMB	IAMB	01 05 35.5 +1.1				
S22A	4UR Ranch, Cre baz=153,SNR=101	40.28	339	P	P	01 05 35.9 +1.2				
S22A	4UR Ranch, Cre comp=Z,85nm,1.1s	40.28	339	IAMB	IAMB	01 05 39.0				
Q60A	Greensboro baz=201	40.31	17	P	P	01 05 33.7 -0.8				
Q60A	Greensboro comp=Z,996nm,20.0s	40.31	17	IAMS_20	IAMS_20	01 21 20.3				
N47A	Urbana baz=186	40.31	5	P	P	01 05 33.0 -1.5				
O54A	Avella baz=194	40.35	11	P	P	01 05 35.1 +0.3				
N48A	Decatur baz=187	40.35	5	P	P	01 05 33.5 -1.3				

P58A	Pank, Wackersv baz=199	40.37	15	P	P	01 05 33.8 -1.2				
MVCO	Mesa Verde baz=150,SNR=29	40.44	337	P	P	01 05 36.9 +1.0				
MVCO	Mesa Verde comp=Z,37nm,0.9s	40.44	337	IAMB	IAMB	01 05 39.4				
Y12C	Blythe baz=140,SNR=12	40.46	327	P	P	01 05 37.7 +1.9				
N50A	Nevada baz=190	40.48	8	P	P	01 05 34.7 -1.1				
N49A	Columbus Grove baz=188,SNR=23	40.50	6	P	P	01 05 34.9 -1.2				
IKP	In-Ko-Pah, Jac baz=131,SNR=14.4	40.53	325	P	P	01 05 37.9 +1.4				
SWSC	Sam W. Stewart baz=137,SNR=8.2	40.57	325	P	P	01 05 38.0 +1.3				
PDMCI	Parker Dam, Lak baz=191	40.68	328	P	P	01 05 38.3 +1.2				
M44A	Lewlin, Midew baz=182	40.69	2	P	P	01 05 36.8 -1.3				
M44A	Midewin, Midew comp=Z,54nm,1.3s	40.69	2	IAMB	IAMB	01 05 44.2				
P59A	Jarrettsville baz=200	40.71	16	P	P	01 05 36.2 -1.7				
N51A	Ashland baz=191	40.73	8	P	P	01 05 36.8 -1.2				
N52A	McGinn's Farm baz=192	40.73	9	P	P	01 05 36.8 -1.2				
M47A	Crowell baz=186	40.80	5	P	P	01 05 37.4 -1.1				
Q24A	Divide baz=156,SNR=27	40.80	341	P	P	01 05 39.6 +0.6				
Q24A	Divide comp=Z,32nm,0.9s	40.80	341	IAMB	IAMB	01 05 45.0				
Q24A	Blue Knob Stat baz=197	40.81	13	P	P	01 05 37.7 -1.0				
O56A	Blue Knob Stat comp=Z,933nm,22.0s	40.81	13	IAMS_20	IAMS_20	01 20 33.6				
N53A	Libston baz=193,SNR=9.0	40.87	10	P	P	01 05 37.9 -1.2				
MONP2	Monument Peak baz=137	40.89	325	P	P	01 05 38.6 -1.1				
O57A	Ambersong baz=198	40.97	14	P	P	01 05 37.9 -2.1				
M48A	Edgerton baz=187	41.00	6	P	P	01 05 38.6 -1.6				
CPUP	Villa Florida comp=Z,7.7nm,0.9s,baz=312,slow=8.1,SNR=9.8	41.02	133	P	P	01 05 40.0 -0.6				
CPUP	Villa Florida comp=Z,933nm,20.2s,baz=316,slow=38	41.02	133	LR	LR	01 23 49.2				
CPUP	Villa Florida comp=Z,36nm,1.3s	41.02	133	Pmax	Pmax	01 05 40.2 -0.4				
CPUP	Villa Florida comp=Z,1um,21.0s	41.02	133	eP	P	01 05 40.2 -0.4				
CPUP	Villa Florida comp=Z,1um,20.0s	41.02	133	P	P	01 05 40.1 -0.4				
O58A	Lisberry baz=199	41.06	15	P	P	01 05 39.8 -1.0				
M49A	Liberty Center baz=189,SNR=11	41.07	6	P	P	01 05 39.0 -1.7				
IRM	Iron Mountain baz=139,SNR=19	41.10	327	P	P	01 05 42.7 +1.5				
M50A	Fremont baz=190	41.11	8	P	P	01 05 40.0 -1.1				
P60A	Greenville baz=201	41.12	16	P	P	01 05 40.1 -1.1				
P60A	Greenville comp=Z,1um,20.0s	41.12	16	IAMS_20	IAMS_20	01 21 53.7				
W13A	Hualapai Mount comp=Z,41nm,0.9s	41.16	329	IAMB	IAMB	01 05 49.6				
W13A	Hualapai Mount comp=Z,1um,20.0s	41.16	329	IAMS_20	IAMS_20	01 21 54.5				
M51A	Elyria baz=191	41.16	9	P	P	01 05 40.1 -1.4				
N54A	Moraine State baz=191	41.17	11	P	P	01 05 40.6 -1.0				
N54A	Moraine State comp=Z,712nm,20.0s	41.17	11	IAMS_20	IAMS_20	01 21 06.4				
N55A	Mar									

MEDO	Medina	43.60	12	IAMs_20	IAMs_20	01	22	59.6							
K57A	Scipio Center	43.62	14	P	P	01	05	55.5	-2.1						
I49A	Point Hope	43.67	6	IAMs_20	IAMs_20	01	22	09.7							
J54A	Appleton	43.67	12	P	P	01	06	00.8	-1.1						
J54A	Appleton	43.67	12	IAMs_20	IAMs_20	01	22	35.4							
ACTO	Acton	43.73	10	P	P	01	06	01.6	-0.7						
I51A	Listowel	43.76	9	P	P	01	06	01.9	-0.7						
FURC	Furnace Creek	43.76	328	P	P	01	06	04.4	+1.7						
I48A	Sherman Twp	43.78	6	P	P	01	06	01.7	-1.1						
MPMC	Manual Prospect	43.80	327	P	P	01	06	04.6	+1.3						
TPNV	Topopah Spring	43.80	329	P	P	01	06	05.1	+1.8						
TPNV	Topopah Spring	43.80	329	IAMB	IAMB	01	06	13.6							
J55A	Hilton	43.83	12	IAMs_20	IAMs_20	01	22	16.7							
BASO	Ashfield	43.86	8	P	P	01	06	04.0	+0.6						
K58A	Earville	43.87	15	P	P	01	06	02.0	-1.5						
K58A	Earville	43.87	15	IAMs_20	IAMs_20	01	23	29.6							
ARVC	Arvin	43.88	325	P	P	01	06	02.9	-0.8						
L61A	Hillsdale 1, H	43.92	17	P	P	01	06	02.9	-1.0						
RWWY	Rawlins	43.93	341	IAMB	IAMB	01	06	13.2							
RWWY	Rawlins	43.93	341	IAMs_20	IAMs_20	01	23	39.6							
H46A	Fife Lake	43.99	5	P	P	01	06	02.9	-1.5						
ISA	Isabella Lake	44.06	326	P	P	01	06	07.0	+1.7						
J56A	Wolcott	44.06	13	P	P	01	06	03.8	-1.2						
J56A	Wolcott	44.06	13	IAMB	IAMB	01	06	07.0							
J56A	Wolcott	44.06	13	IAMs_20	IAMs_20	01	22	10.6							
K59A	Cooperstown	44.09	16	P	P	01	06	04.1	-1.2						
BRCO	Bruce Peninsula	44.12	8	P	P	01	06	04.7	-0.8						
BDFB	Brasilia	44.13	113	P	P	01	06	04.8	-1.3						
BDFB	Brasilia	44.13	113	LR	LR	01	25	11.9							
BDFB	Brasilia	44.13	113	P	P	01	06	05.1	-1.0						
BDFB	Brasilia	44.13	113	P	P	01	06	05.1	-1.0						
BDFB	Brasilia	44.13	113	P	P	01	06	05.1	-1.0						
BDFB	Brasilia	44.13	113	P	P	01	06	05.9	+0.3						
IS2A	Shelburne	44.15	10	P	P	01	06	05.1	-0.6						
PTGB	Pitanga	44.19	127	eP	eP	01	06	06.7	+0.2						
PTGB	Pitanga	44.19	127	eS	eS	01	12	39.8	+1.8						
DRWO	Darlington Wes	44.23	11	P	P	01	06	05.5	-0.8						
M65A	Busby, Falmonth	44.29	20	IAMs_20	IAMs_20	01	24	18.5							
BRYW	Bryant College	44.30	19	IAMs_20	IAMs_20	01	23	44.9							
GLMI	Grayling	44.32	5	P	P	01	06	05.9	-1.2						
H48A	Harrisville	44.33	6	P	P	01	06	06.0	-1.1						
WLVO	Wesleyville	44.34	12	P	P	01	06	07.1	-0.1						
QUA2	Belchertown	44.37	18	IAMs_20	IAMs_20	01	24	16.6							
TRY	Troy	44.38	17	IAMs_20	IAMs_20	01	22	09.1							
J57A	Williamstown	44.39	14	P	P	01	06	07.4	-0.2						
J57A	Williamstown	44.39	14	IAMs_20	IAMs_20	01	22	53.4							
CWC	Cottonwood Cre	44.40	327	P	P	01	06	09.3	+1.2						
GRAC	Grapevine Rang	44.42	328	P	P	01	06	09.4	+1.3						
K61A	Williamstown	44.44	17	P	P	01	06	07.5	-0.6						
G45A	Suttons Bay	44.45	4	P	P	01	06	07.2	-0.9						
SUSD	Miller	44.50	350	P	P	01	06	07.5	-1.0						
SUSD	Miller	44.50	350	IAMs_20	IAMs_20	01	25	24.1							
BLWO	Merriville Lake	44.50	9	P	P	01	06	07.8	-0.7						
CWRO	Collingwood	44.50	10	P	P	01	06	07.8	-0.7						
J58A	Remsen	44.52	15	P	P	01	06	07.9	-0.9						
J58A	Remsen	44.52	15	IAMs_20	IAMs_20	01	23	57.8							
VES	Vestal, Richgr	44.53	325	P	P	01	06	10.5	+1.6						
G40A	Rib Lake	44.54	359	P	P	01	06	08.2	-0.7						
G40A	Rib Lake	44.54	359	IAMB	IAMB	01	06	19.5							
R11A	Rib Lake	44.55	331	P	P	01	06	10.9	+1.6						
G39A	Holcombe	44.58	358	P	P	01	06	07.9	-1.3						
SPMN	Marine on St.	44.59	357	P	P	01	06	08.0	-1.2						
SPMN	Marine on St.	44.59	357	IAMB	IAMB	01	06	13.6							
SPMN	Marine on St.	44.59	357	IAMs_20	IAMs_20	01	24	05.2							
K22A	Casper	44.59	342	P	P	01	06	09.9	+0.4						
K22A	Casper	44.59	342	IAMs_20	IAMs_20	01	24	20.8							
PLCA	Paso Flores	44.59	159	P	P	01	06	10.5	+1.1						
PLCA	Paso Flores	44.59	159	P	P	01	06	09.7	+0.2						
PLCA	Paso Flores	44.59	159	P	P	01	06	11.5							
PLCA	Paso Flores	44.59	159	eP	eP	01	06	10.3	+0.9						
PLCA	Paso Flores	44.59	159	P	P	01	06	09.7	+0.2						
G47A	Hillman	44.74	6	P	P	01	06	09.7	-0.7						
K62A	Royalston	44.75	18	P	P	01	06	09.1	-1.5						
K62A	Royalston	44.75	18	IAMs_20	IAMs_20	01	24	36.8							
DUG	Dugway, Tooele	44.76	335	P	P	01	06	12.1	+1.2						
DUG	Dugway, Tooele	44.76	335	IAMB	IAMB	01	06	14.4							
G46A	Petoskey	44.79	5	P	P	01	06	09.5	-1.3						
WES	Weston	44.80	19	IAMs_20	IAMs_20	01	24	20.9							
BCX	Boston College	44.80	19	IAMs_20	IAMs_20	01	24	24.0							
J59A	Piesco	44.83	16	P	P	01	06	08.4	-2.8						
J59A	Piesco	44.83	16	IAMs_20	IAMs_20	01	24	42.8							
J59A	Piesco	44.83	16	IAMs_20	IAMs_20	01	24	08.7							
I58A	Old Forge	44.91	15	P	P	01	06	10.3	-1.6						
H53A	Bobcaygeon	44.93	11	P	P	01	06	11.0	-1.0						

I57A	Carthage	44.97	14	P	P	01	06	11.0	-1.3						
SADO	Sadowa	45.01	11	IAMs_20	IAMs_20	01	25	09.0							
F42A	Maple Grove Fa	45.05	1	P	P	01	06	11.3	-1.6						
DELO	Deloro Mine	45.07	12	P	P	01	06	11.8	-1.3						
DELO	Deloro Mine	45.07	12	IAMB	IAMB	01	06	14.7							
DELO	Deloro Mine	45.07	12	IAMs_20	IAMs_20	01	23	07.5							
TOBO	Tomberny, Bu	45.07	8	P	P	01	06	11.9	-1.1						
F45A	CMU Biological	45.10	4	P	P	01	06	11.5	-1.8						
H55A	Tweed	45.20	13	P	P	01	06	12.3	-1.8						
RSSD	Black Hills	45.25	345	P	P	01	06	14.5	-0.3						
RSSD	Black Hills	45.25	345	P	P	01	06	15.4	+0.6						
RSSD	Black Hills	45.25	345	P	P	01	06	15.4	+0.6						
RSSD	Black Hills	45.25	345	IAMB	IAMB	01	06	23.3							
RSSD	Black Hills	45.25	345	IAMs_20	IAMs_20	01	23	33.3							
J61A	Chester	45.27	18	P	P	01	06	13.8	-0.9						
I59A	Olmsteadville	45.30	16	P	P	01	06	13.9	-1.1						
COWI	Conover	45.38	0	IAMs_20	IAMs_20	01	23	42.0							
J62A	Henniker	45.39	18	P	P	01	06	14.4	-1.3						
KLBO	Keiser Provi	45.40	9	P	P	01	06	14.6	-1.0						
H56A	Elgin	45.44	13	P	P	01	06	14.5	-1.5						
G53A	Haliburton	45.45	11	P	P	01	06	15.0	-1.1						
BANO	Bancroft	45.49	12	P	P	01	06	15.2	-1.2						
I60A	Shoreham	45.51	17	P	P	01	06	15.5	-1.1						
F48A	Evansville	45.52	7	P	P	01	06	15.3	-1.3						
H57A	Richville	45.53	14	P	P	01	06	15.6	-1.1						
F49A	Sandfield	45.53	7	P	P	01	06	15.6	-1.1						
BB19B	Bebedouro	45.54	121	eP	eP	01	06	16.8	-0.5						
BB19B	Bebedouro	45.54	121	eS	eS	01	12	55.7	-1.9						
BUKO	Buck Lake	45.62	10	P	P	01	06	16.1	-1.3						
FFD	Franklin Falls	45.66	18	IAMs_20	IAMs_20	01	24	35.9							
HNH	Hanover	45.68	18	IAMs_20	IAMs_20	01	24	05.4							
MLAC	Mammoth, Mammoth	45.68	327	P	P	01	06	19.9	+1.6						
PLVO	Plevna	45.69	12	P	P	01	06	16.2	-1.7						
PLVO	Plevna	45.69	12	IAMB	IAMB	01	06	28.4							

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzL, ElL, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzL, ElL. Rows include stations like M02C Callahan, M50 Missoula, MSO Missoula, L04D Klamath Falls, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzL, ElL. Rows include stations like MACI Morro de la Ar, SEW Seward, KNK Knik Glacier, SML Sawmill, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzL, ElL. Rows include stations like H11S3 WAKE ISLAND Hy02.80, DZM Mont Dzumac, UZH Uzhgorod, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FAQ Al Faqa, HATD Hatta, UOSS Minazif, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIL Nilore, GEYT Alibek, GYAOB ALIBECK ARRAY, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GNBR Gunib, TBLG Delisi, TBLG Delisi, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Makanchi Array, Lampang, and various regional stations.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PGOR, KNT, VSR, and various regional stations.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MLR, Muntele Rosu, GOLR, and various regional stations.

Table with columns: HKPS, Hong Kong Po S, 54.97 71, P, P, 01 16 09.9 +0.4, etc. Lists various locations and their associated data points.

Table with columns: UCC, comp=Z,170nm,0.9s, pmax, pmax, etc. Lists various locations and their associated data points.

Table with columns: NRIK, comp=Z,34nm,0.9s,baz=212,slow=4.7,SNR=47, LR, LR, 01 46 22.0, etc. Lists various locations and their associated data points.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SPSI Sidrap Palu, PVAQ Vaqueiros, PESTR Estremoz, etc.

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

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MAT Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

2d 1h

Table with columns for ID, Name, Address, City, State, Zip, and various status codes (P, PKP, etc.). Includes entries like 156A Sylvania, D03D Eldon, V50A Pikeville, etc.

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Table with columns for ID, Name, Address, City, State, Zip, and various status codes. Includes entries like Z50A Ashland, YPP Pritchett, G05D Wamic, etc.

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Table with columns for ID, Name, Address, City, State, Zip, and various status codes. Includes entries like MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like 435B Jarrell, SHPR Sheep Range, WUAZ Wuputki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like ASF Jabal al Asfar, CHGR Chuyangaron, MMAI Mount Meron, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like DBIC Dimbokro, DBIC Dimbokro, ARAO ARCES Array S, etc.

ISC 02 01:13:26.0.6, 11.10kN:57.59E, h0km, mb4.3/32, mb1 4.4/34, mb1mx4.3/53, mbmp4.3/34, ML3.9/2, Error ellipse: s-maj=15.4km s-min=11.7km az=133.0

ISC 02 01:13:26.9.0.3, 49.16N:1.14E, h14km, ML2.5/17, LDG 02 01:13:26.9.0.3, 49.16N:1.14E, h14km, ML2.5/17, Error ellipse: s-maj=8.0km s-min=0.7km az=127.0

BGR 02 01:13:26.9.0.2, 49.16N:1.14E, h3km, ML2.1/9, Error ellipse: s-maj=2.2km s-min=2.2km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like WSAR Wadi Sarin, UOSS Minazif, ATD Arta Tunnel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YED1, ERZN, ERZN, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISK 02 01:21:02.8, DDA 02 01:21:06.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNET 02 01:34:59.2, GCG 02 01:35:08.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LDG 02 02:03:26.3, STR 02 02:03:29.5, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Corcelles, Saint Maurice, Hinterfeld, Montbard, Oris-en-Rattie, etc.

UCR 02:05:19.8z.2.3.833N-82.79W, h18km, 5km, MD4.2, ML2.7, 1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like David, Volcan, San Vito, Palmar Norte, etc.

BUJ 02:05:00.0z.0.4.60S:124.00E; h10km, mb4.7/15, mB4.9/7, Ms4.2/2, Ms7.3/9/1
DJA 02:05:01.2z.1.0.5 S:2z.12.4E; h15km, 8km, M4.6/16, mB5.4/5, mb4.6/13, ML4.5/16, Mw(MB)4.8/5

ISCJB 02:05:01.5z.0.3.4.62S:0.03x123.98E:0.03, h30km, mb4.5/14, MS3.8/12, Error ellipse: s-maj=5.0km s-min=3.9km az=171.1
GCMT 02:05:01.0z.0.3.4.45S:0.02z.124.10E:0.02, h16km, 1km, MW4.9/78, Moment tensor: Scale 10^19Nm; Mro:0.03z.10;

NEIC 02:05:04.0z.2.1.4.60S:0.04x123.99E:0.07, h34km, 5km, mb4.6/22
IDC 02:05:06.9z.2.8.4.85S:123.75E, hb5km, 31km, mb4.1/9, mb1.4/2.12, mb1mx3.8/42, mbmt4.3/12, ML3.6/5, MS3.9/18, Ms1.3/9/18, ms1mx3.8/42, Error ellipse: s-maj=26.2km s-min=12.7km az=39.0

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAI, APSI, TTSI, etc.

ISCJB 02:03:01.3z.3.0.3.24:29S:0.02z.67.25W:0.03, h195km, 4km, mb3.2/1, Error ellipse: s-maj=4.7km s-min=3.5km az=153.0
NEIC 02:03:01.3z.3.1.24:31S:0.06z.67.21W:0.05,

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

ISCJB 02 03:11:12.4+0.3, 11:55N+0:03:86.98W+0:02, h56km, 2km, mb4, 1/15, MS3, 1/1, Error ellipse: s-maj=5.5km s-min=2.8km az=32.1
IDC 02 03:11:12.2+2.5, 11:55N+86:61W, h29km, 19km, mb4, 0/15, mb1 4, 2/19, mb1mx3, 9/43, mbtmp4, 1/19, ML3.5, 4/4, MS3, 3/1, Ms1 3, 3/1, ms1mx2, 7/37, Error ellipse: s-maj=28.0km s-min=9.2km az=46.0
NEIC 02 03:11:13.5+2.4, 11:52N+0:06:86.93W+0:04, h48km, 6km, mb4, 1/13
SNET 02 03:11:13.3+1.1, 11:61N+87:10W, h31km, 9km, ML4.2
UCR 02 03:11:13.1+1.8, 11:57N+87:07W, h35km, 17km, ML4.2
ISC 02 03:11:12.9+1.0, 11:57N+0:05:86.91W+0:05, h47km, 9km, n451, s192/476, mb4, 4/72, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like COPN Copaltepe, XAVN Gruta Xavier, MASN Masaya, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like NATX Nacogdoches, LRAL Lakeview Retre, 435B Jarrell, Z50A Ashland, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like W39A Magazine, W39A Lake Charles, V52A Sevierville, etc.

Code	Station Name	Lat	Lon	Mag	Phase	Time	Res	ISC
Q54A	Coxs Mills	27.83	10	P	P	03 16 59.4 +1.5		
CBN	Corbin Frederi	27.86	16	P	P	03 16 59.9 +1.8		
P49A	Miami Univ. Ec	27.92	4	P	P	03 16 58.9 +0.3		
Q55A	Buckhannon	27.98	11	P	P	03 17 00.3 +1.1		
P50A	Jamestown	28.06	5	P	P	03 17 00.8 +1.0		
Q56A	Snyder Ridge,	28.21	13	P	P	03 17 02.7 +1.5		
Q56A	Snyder Ridge,	28.21	13	P	Iamb	03 17 03.6 +2.4		
Q56A	Snyder Ridge,	28.21	13	P	Iamb	03 17 04.5		
Q56A	Snyder Ridge,	28.21	13	P	PcP	03 17 03.3 -0.8		
P53A	Whipple	28.23	9	P	P	03 17 02.9 +1.5		
P53A	Whipple	28.23	9	P	Iamb	03 17 03.1 +1.8		
P53A	Whipple	28.23	9	P	Iamb	03 17 04.3		
P52A	Corning	28.27	8	P	P	03 17 02.5 +0.8		
Q58A	Fox Den Farm,	28.47	15	P	P	03 17 04.9 +1.4		
P54A	Burton	28.49	10	P	P	03 17 04.8 +1.0		
P54A	Mansfield	28.50	358	P	P	03 17 04.3 -0.3		
P55A	Reedsville	28.52	12	P	P	03 17 05.3 +1.3		
O50A	Cable	28.61	5	P	P	03 17 05.2 +0.4		
O48A	Farmland	28.61	3	P	P	03 17 04.6 -0.2		
SF1N	Lafayette	28.69	360	P	P	03 17 05.6 +0.1		
O51A	Pataskala	28.71	7	P	P	03 17 06.5 +0.8		
P56A	Dayton Farm, R	28.73	13	P	P	03 17 07.1 +1.3		
KSU1	Kansas State U	28.74	344	P	P	03 17 05.7 -0.3		
ACSO	Alum Creek Sta	28.76	6	P	P	03 17 06.9 +0.9		
ACSO	Alum Creek Sta	28.76	6	P	Iamb	03 17 07.2 +1.1		
ACSO	Alum Creek Sta	28.76	6	P	Iamb	03 17 08.2		
O52A	Adamsville	28.78	8	P	P	03 17 06.8 +0.5		
P57A	Homestead Farm	28.90	14	P	P	03 17 09.1 +1.8		
P57A	Homestead Farm	28.90	14	P	Iamb	03 17 09.9 +2.5		
P57A	Homestead Farm	28.90	14	P	Iamb	03 17 10.3		
HD1L	Hopedale	28.95	356	P	P	03 17 07.8 +0.1		
O53A	New Philadelph	29.00	9	P	P	03 17 09.9 +1.6		
P58A	Pank, Wackersv	29.08	15	P	P	03 17 10.3 +1.4		
N41A	Urbana	29.21	2	P	P	03 17 10.3 +0.2		
N47A	Harden Midland	29.23	354	P	P	03 17 09.9 -0.3		
N50A	Nevada	29.27	6	P	P	03 17 11.1 +0.5		
ANMO	Albuquerque	29.27	326	P	P	03 17 11.7 +0.7		
ANMO	Albuquerque	29.27	326	P	P	03 17 12.9 +1.9		
N49A	Columbus Grove	29.33	4	P	P	03 17 11.4 +0.2		
N49A	Columbus Grove	29.33	4	P	P	03 17 11.9 +0.7		
P59A	Jarrettsville	29.43	17	P	P	03 17 13.3 +1.3		
PTGA	Pittinga	29.43	113	P	P	03 17 11.9 -0.4		
O56A	Blue Knob Stat	29.52	13	P	P	03 17 13.9 +1.0		
N53A	Lisbon	29.61	9	P	P	03 17 14.3 +0.7		
O58A	Lewisberry	29.78	16	P	P	03 17 15.8 +0.7		
M49A	Liberty Center	29.90	4	P	P	03 17 16.6 +0.4		
M50A	Fremont	29.91	6	P	P	03 17 16.9 +0.7		
SSPA	Standing Stone	30.02	14	P	P	03 17 18.6 +1.3		
O59A	Robesonia	30.15	16	P	P	03 17 19.6 +1.1		
N56A	West Decatur	30.20	13	P	P	03 17 20.1 +1.2		
N57A	Milroy	30.22	14	P	P	03 17 20.4 +1.4		
PL1O	Petee Island,	30.30	6	P	P	03 17 20.1 +0.4		
L46A	Eue Claire	30.33	1	P	P	03 17 19.3 -0.7		
L48A	N Adams	30.33	4	P	P	03 17 19.9 -0.1		
M54A	Oil Creek Stat	30.49	11	P	P	03 17 22.0 +0.6		
L44A	Lake County Fo	30.50	359	P	P	03 17 20.7 -0.8		
N58A	Sunbury	30.50	15	P	P	03 17 23.1 +1.6		
L49A	Milan	30.54	5	P	P	03 17 22.8 +1.0		
L40A	Anamosa	30.61	354	P	P	03 17 22.2 -0.3		
L40A	Anamosa	30.61	354	P	Iamb	03 17 22.4 +0.0		
L40A	Anamosa	30.61	354	P	Iamb	03 17 23.1		
M56A	Emporium	30.77	13	P	P	03 17 25.0 +1.1		
L53A	Girard	30.82	10	P	P	03 17 24.9 +0.6		
N59A	State Game Lan	30.83	17	P	P	03 17 25.7 +1.2		
M57A	Sunshine Farm,	30.87	14	P	P	03 17 26.2 +1.5		
SDCO	Great Sand Dun	30.93	331	P	P	03 17 27.4 +1.7		
N60A	Cedar Hill Far	30.98	18	P	P	03 17 27.0 +1.3		
K47A	Vermontville	31.03	3	P	P	03 17 26.0 -0.2		
M58A	Price's Panora	31.07	15	P	P	03 17 27.7 +1.1		
SAML	Samuel	31.18	130	P	P	03 17 27.1 -0.8		
SAML	Samuel	31.18	130	P	Iamb	03 17 29.8		
K48A	Perry	31.21	4	P	P	03 17 27.7 0.0		
K49A	Clarkson	31.24	5	P	P	03 17 28.1 +0.1		
BGNE	Belgrade	31.31	344	P	P	03 17 28.3 -0.4		
JFWS	Jewell Farm	31.36	355	P	P	03 17 28.1 -0.9		
L56A	Greenwood	31.53	13	P	P	03 17 32.1 +1.5		
L57A	Andrews Acres	31.57	14	P	P	03 17 31.9 +1.0		
S22A	4UR Ranch, Cre	31.59	329	P	P	03 17 32.3 +0.8		
S22A	4UR Ranch, Cre	31.59	329	P	P	03 17 33.5 +2.0		
J47A	Sumner	31.60	3	P	P	03 17 31.2 0.0		
J48A	Bridge Port	31.73	4	P	P	03 17 32.6 +0.3		
L58A	Harry Jones Me	31.86	16	P	P	03 17 34.6 +1.1		
X16A	Lo Mia Camp, P	31.88	319	P	P	03 17 35.9 +1.9		
X16A	Lo Mia Camp, P	31.88	319	P	Iamb	03 17 45.3		
BINY	Binghamton	31.97	15	P	P	03 17 35.4 +1.0		
MVCO	Mesa Verde	32.06	326	P	P	03 17 37.0 +1.4		
MVCO	Mesa Verde	32.06	326	P	Iamb	03 17 48.4		
I42A	Draeger Farm,	32.25	357	P	P	03 17 36.5 -0.4		
MEDO	Medina	32.32	12	P	P	03 17 37.7 +0.2		
I47A	Gladwin	32.40	3	P	P	03 17 37.9 -0.3		
I41A	Arkdale	32.47	356	P	P	03 17 37.4 -1.4		
I41A	Arkdale	32.47	356	P	P	03 17 38.5 -0.3		
K58A	Earlville	32.59	15	P	P	03 17 40.1 +0.3		
ISCO	Idaho Springs	32.63	333	P	P	03 17 42.1 +1.5		
J56A	Wolcott	32.77	14	P	P	03 17 41.7 +0.3		
PV13	Radium Mtn., P	32.93	327	P	P	03 17 44.8 +1.6		
PV13	Radium Mtn., P	32.93	327	P	Iamb	03 17 59.2		
H47A	Milo	32.99	4	P	P	03 17 41.5 -1.9		
PV03	Paradox Valley	33.01	327	P	P	03 17 45.5 +1.6		
PV03	Paradox Valley	33.01	327	P	Iamb	03 17 55.5		
PV12	Sanicer Basin,	33.04	327	P	P	03 17 45.9 +1.8		
PV18	Skein Mesa, Pa	33.04	327	P	P	03 17 45.7 +1.6		
PV11	David Mesa, Pa	33.06	327	P	P	03 17 46.2 +1.9		
PV16	Nyswonger Mesa	33.09	327	P	P	03 17 45.7 +1.1		
PV17	East Wray Mesa	33.09	327	P	P	03 17 46.1 +1.5		
ECSD	EROS Data Cent	33.12	347	P	P	03 17 43.2 -1.4		
ECSD	EROS Data Cent	33.12	347	P	P	03 17 43.7 -0.8		
PV19	Morning Glory	33.13	327	P	P	03 17 46.8 +1.9		
PV20	West Nyswonger	33.13	327	P	P	03 17 46.7 +1.7		
PV04	Paradox Valley	33.15	327	P	P	03 17 47.1 +2.1		
PV04	Paradox Valley	33.15	327	P	Iamb	03 17 56.8		
H48A	Harrisville	33.16	5	P	P	03 17 44.8 +0.1		
CLWO	Collingwood	33.25	9	P	P	03 17 45.6 -0.1		
LPZA	La Paz	33.34	146	P	P	03 17 49.3 +1.9		
LPZA	La Paz	33.34	146	P	P	03 17 47.1 -0.2		
I58A	Old Forge	33.63	16	P	P	03 17 49.0 0.0		
H53A	Bocbaygeon	33.66	11	P	P	03 17 48.8 -0.3		
G40A	Rib Lake	33.70	356	P	P	03 17 48.9 -0.6		
SADO	Sadowa	33.75	10	P	P	03 17 47.8 -2.2		
SADO	Sadowa	33.75	10	P	P	03 17 50.1 +0.2		
SADO	Sadowa	33.75	10	P	Iamb	03 17 52.4		
G39A	Holcombe	33.79	355	P	P	03 17 49.0 -1.4		
PHWY	Pilot Hill	33.79	334	P	P	03 17 53.0 +2.2		
PHWY	Pilot Hill	33.79	334	P	Iamb	03 17 53.0		
SPMN	Marine on St.	33.91	353	P	P	03 17 50.3 -1.1		
SPMN	Marine on St.	33.91	353	P	P	03 17 50.4 -1.0		
SPMN	Marine on St.	33.91	353	P	P	03 17 53.1 +0.7		
I59A	Olmsteadville	34.03	17	P	P	03 17 50.1 +0.7		
O20A	White River Ci	34.13	330	P	P	03 17 54.9 +1.4		
O20A	White River Ci	34.13	330	P	P	03 17 54.0 +0.5		
O20A	White River Ci	34.13	330	P	Iamb	03 18 02.0		
KLBO	Killbear Provi	34.15	8	P	P	03 17 52.7 -0.7		
SUSD	Miller	34.35	345	P	P	03 17 54.4 -0.9		
SUSD	Miller	34.35	345	P	P	03 17 54.1 -1.1		
KNB	Kanab	34.41	322	P	P	03 17 59.8 +3.8		
COWI	Conover	34.46	357	P	P	03 17 55.5 -0.6		
MDP	Montagnes des	34.49	98	P	P	03 17 56.1 -0.6		
SRU	San Rafael Sve	34.53	327	P	P	03 17 58.5 +1.4		
LONY	Lake Ozonia	34.59	16	P	P	03 17 58.1 -0.8		
LCMT	Little Creek M	34.67	321	P	P	03 18 01.3 +3.1		
G55A	Calabogie	34.68	13	P	P	03 17 58.5 +0.5		
E43A	Lone Tree Farm	34.69	360	P	P	03 17 57.8 -0.2		
MTPU	Mount Pierson	34.72						

104A	Tendick Farm, baz=233	80.03	38	P	P	04 21 20.3 +0.5
214A	Organ Pipe Nat baz=240	80.11	52	P	P	04 21 21.8 +1.3
214A	Organ Pipe Nat baz=240	80.11	52	P	P	04 21 22.2 +1.7
TPNV	Topopah Spring baz=239,SNR=6.9	80.12	46	P	P	04 21 21.3 +0.8
TPNV	Topopah Spring	80.12	46	P	P	04 21 21.6 +1.1
MOD	Modoc Plateau	80.19	40	P	P	04 21 21.7 +0.9
MOD				Iamb		04 21 22.6
PDMCI	Parker Dam,Lak baz=240	80.26	49	P	P	04 21 22.6 +1.5
H04D	Lebanon	80.28	37	P	P	04 21 22.1 +1.1
J05D	Fort Rock, OR baz=234,SNR=21	80.42	39	P	P	04 21 22.5 +0.5
WHN	Wuhan	80.62	306	P	P	04 21 29.5 +6.4
SHPR	Sheep Range	80.64	47	P	P	04 21 24.9 +1.5
H04A	Detroit Lake	80.69	37	P	P	04 21 24.0 +0.8
W13A	Hualapai Mount	80.84	49	P	P	04 21 25.8 +1.4
R50	Redoubt South	80.90	13	P	P	04 21 21.9 -2.2
Y14A	Wickenburg	80.91	50	P	P	04 21 25.8 +1.2
I05D	Torreonville, OR baz=231	80.98	38	P	P	04 21 25.4 +0.7
R11A	Troy Canyon, C baz=239,SNR=9.5	81.29	45	P	P	04 21 26.8 +0.2
R11A	Troy Canyon, C	81.29	45	P	P	04 21 27.6 +0.9
BMN	Battle Mountain	81.31	43	P	P	04 21 27.6 +1.0
BMN				Iamb		04 21 28.5
G05D	Wamic, OR baz=234	81.52	37	P	P	04 21 27.9 +0.5
E04D	Cinebar baz=233	81.61	35	P	P	04 21 28.5 +0.7
TUC	Tucson	81.79	52	P	P	04 21 30.7 +1.6
TUC	Tucson	81.79	52	P	P	04 21 30.8 +1.6
TUC				Iamb		04 21 31.9
F05D	White Salmon baz=234	81.82	36	P	P	04 21 29.6 +0.7
D03D	Eldon	81.92	34	P	P	04 21 30.4 +1.1
RC01	Rabbit Creek A	82.12	14	P	P	04 21 30.0 0.0
LCMT	Little Creek M	82.13	47	P	P	04 21 32.5 +1.2
SUA	Susitna One	82.23	13	P	P	04 21 30.2 -0.5
X16A	Lo Mia Camp, P X16A	82.28	50	P	P	04 21 33.3 +1.6
CCUT	Cedar City	82.41	47	P	P	04 21 33.7 +1.3
KAIM	Kayak Island	82.43	17	P	P	04 21 32.4 +0.8
319A	Douglas	82.52	54	P	P	04 21 34.8 +1.9
319A				Iamb		04 21 35.7
KNB	Kanab	82.53	47	P	P	04 21 34.3 +1.4
GLI	Glacier Island	82.55	15	P	P	04 21 32.1 -0.1
PSUT	Pine Spring	82.56	46	P	P	04 21 34.3 +1.2
U15A	North Rim	82.61	48	P	P	04 21 34.9 +1.4
KNK	Knik Glacier	82.70	14	P	P	04 21 33.1 +0.1
KNK				Iamb		04 21 33.6
PMR	Palmer	82.70	14	P	P	04 21 32.6 -0.3
PMR				Iamb		04 21 33.0
ELK	Elko	82.76	43	P	P	04 21 34.9 +0.9
WUAZ	Wupatki baz=242	82.84	49	P	P	04 21 35.5 +1.0
WUAZ	Wupatki	82.84	49	P	P	04 21 35.6 +1.0
WUAZ				Iamb		04 21 36.8
G05A	Bryant baz=233	82.89	34	P	P	04 21 34.9 +0.7
BH0A	Glory Hole Cre	82.91	14	P	P	04 21 34.0 -0.1
G06A	G06A Pilot Rock	82.91	38	P	P	04 21 35.4 +0.8
G06A				Iamb		04 21 36.3
LTY	Liberty	83.07	35	P	P	04 21 35.9 +0.7
LTY				Iamb		04 21 36.6
PKCU	Pink Cliffs	83.09	47	P	P	04 21 38.2 +2.3
HAWA	Hanford	83.21	37	P	P	04 21 36.9 +1.0
HAWA				Iamb		04 21 37.6
SCM	Sheep Creek Mo	83.33	14	P	P	04 21 36.1 0.0
MTPU	Mount Pierson	83.46	47	P	P	04 21 39.6 +1.8
CRQM	Cirque	83.47	17	P	P	04 21 37.1 0.0
CRQM				Iamb		04 21 38.0
E08A	Dider Farm, EI	83.53	37	P	P	04 21 38.6 +1.1
E08A				Iamb		04 21 39.1
YAH	Yahits	83.57	17	P	P	04 21 38.1 +0.7
TGL	Tana Glacier	83.56	17	P	P	04 21 37.5 +0.1
TGL				Iamb		04 21 38.4
MSU	Marysville	83.69	46	P	P	04 21 40.5 +1.7
MAW	MAW baz=239,SNR=19	83.76	200	P	P	04 21 38.0 -0.2
MAW	Mawson	83.77	200	P	P	04 21 38.5 +0.2
MFID	Camas Ranch	83.76	41	P	P	04 21 39.9 +1.0
MFID				Iamb		04 21 40.6
W18A	Petrified Fore baz=243	83.85	50	P	P	04 21 39.9 +0.3
SEY	Seychman	83.86	347	P	P	04 21 38.5 -0.2
BALM	Baldy	83.92	17	P	P	04 21 39.2 0.0
BALM				Iamb		04 21 40.0
MCARA	McCarthy VSAT	84.03	16	P	P	04 21 39.9 +0.4
MCARA				Iamb		04 21 40.6
KTH	Kantishna Hill	84.08	12	P	P	04 21 38.1 -1.8
KTH				Iamb		04 21 40.3
DUG	Dugway, Tooele baz=241	84.08	45	P	P	04 21 41.1 +0.6
DUG	Dugway, Tooele	84.08	45	P	P	04 21 45.0 +4.5
TRF	Thorafore Moun	84.11	12	P	P	04 21 39.3 -0.8
BARN	Barnard Glacie	84.12	17	P	P	04 21 40.5 +0.2
121A	Cookes Peak, D	84.17	53	P	P	04 21 42.6 +1.4
121A	Cookes Peak, D	84.17	53	P	P	04 21 43.0 +1.8
121A				Iamb		04 21 43.6
F10A	Beach Ranch, E	84.30	38	P	P	04 21 41.7 +0.3
F10A				Iamb		04 21 42.7
RND	Reindeer	84.37	13	P	P	04 21 41.3 0.0
DHY	Denail Highway	84.40	14	P	P	04 21 41.2 -0.3
DHY				Iamb		04 21 41.5
B08A	Colville Reser	84.42	35	P	P	04 21 42.1 +0.2
B08A				Iamb		04 21 42.9
PLID	Pearl Lake	84.55	39	P	P	04 21 42.7 -0.1
BPWA	Beaver Paw Mtn.	84.56	12	P	P	04 21 40.8 -1.3
Q16A	Castle Valley	84.58	46	P	P	04 21 44.7 +1.7
MCK	McKinley	84.64	13	P	P	04 21 41.9 -0.6
MCK				Iamb		04 21 42.9
C09A	Chrisman Ranch	84.71	36	P	P	04 21 44.0 +0.7
C09A				Iamb		04 21 44.5
TMUT	Trail Mountain	84.73	46	P	P	04 21 45.5 +1.6
PAX	Paxson	84.75	14	P	P	04 21 42.2 +0.4
MPU	Maple Canyon	84.78	45	P	P	04 21 45.1 +1.0
SKAG	Skagway	84.80	21	P	P	04 21 44.7 +1.4
SKAG				Iamb		04 21 45.0
SPUT	South Promonto	84.86	44	P	P	04 21 45.3 +1.0
BWN	Brown	84.92	12	P	P	04 21 43.5 -0.3
SRU	San Rafael Swe	85.11	46	P	P	04 21 46.4 +0.7
MENT	Mentasta	85.15	15	P	P	04 21 45.5 +0.5
MENT				Iamb		04 21 46.0
JLU	Jordanlee	85.19	45	P	P	04 21 47.0 +1.0
TCUT	Toone Canyon	85.46	44	P	P	04 21 48.5 +1.2
WRH	Wood River Hill	85.47	13	P	P	04 21 45.8 -0.7
WRH				Iamb		04 21 47.5
LENM	Lemitar	85.48	52	P	P	04 21 48.7 +1.2
NEW	Newport	85.61	36	P	P	04 21 47.2 -0.4

NEW	Newport	85.61	36	P	P	04 21 47.8 +0.2
NEW	Newport	85.61	36	P	P	04 21 48.0 +0.4
NEW	Newport	85.61	36	Iamb	Iamb	04 21 48.5
comp=2.5,3nm,0.7s,baz=248,slow=4.5,SNR=12						
PV05	Paradox Valley	85.64	48	P	P	04 21 50.1 +1.9
HDA	Harding Lake baz=210	85.66	13	P	P	04 21 46.9 -0.5
HDA	Harding Lake	85.66	13	P	P	04 21 46.8 -0.5
HDA				Iamb		04 21 47.3
DOT	Dot Lake	85.67	15	P	P	04 21 47.3 -0.2
DOT				Iamb		04 21 48.2
MNTX	Corunus Mount baz=246	85.67	55	P	P	04 21 49.5 +1.3
MNTX	Corunus Mount	85.67	55	P	P	04 21 49.4 +1.2
MNTX				Iamb		04 21 49.8
comp=2.4,5nm,0.7s						
CCB	Clear Creek A	85.68	13	P	P	04 21 46.7 -0.8
BCAR	Beaver Creek A	85.75	16	P	P	04 21 47.5 -0.4
IMAR	Indian Mountain	85.78	10	P	P	04 21 47.4 -0.5
PV09	Paradox Valley	85.80	47	P	P	04 21 50.1 +1.0
PV17	East Wray Mesa	85.82	48	Iamb	Iamb	04 21 51.6
PV20	West Nyswonger	85.85	48	P	P	04 21 50.1 +0.9
PV20				Iamb		04 21 52.3
PV04	Paradox Valley	85.91	48	P	P	04 21 50.5 +1.0
DLBC	Dease Lake	85.93	23	P	P	04 21 49.5 +0.6
DLBC	Dease Lake	85.93	23	Iamb	Iamb	04 21 50.1
comp=2.3,6nm,0.8s,baz=218,slow=7.6,SNR=8.2						
PV21	Cone Mtn., Par	85.94	47	P	P	04 21 50.8 +1.1
IL31		85.99	13	P	P	04 21 48.1 -0.7
IL31				Iamb		04 21 49.1
comp=2.7,6nm,0.6s						
ILAR	Eielson Array	85.99	13	P	P	04 21 47.9 -1.1
comp=2.4,8nm,0.4s,baz=219,slow=4.9,SNR=7.7						
PV01	Paradox Valley	86.03	48	P	P	04 21 50.9 +0.8
TX31	Lajitas Ar. Si	86.08	58	P	P	04 21 52.0 +1.7
TX32	Lajitas Array	86.08	58	P	P	04 21 52.1 +1.7
TXAR	Lajitas Array	86.08	58	P	P	04 21 52.0 +1.6
comp=2.12nm,0.8s,baz=219,slow=6.1,SNR=156						
POKR	Poker Flat Res	86.17	13	P	P	04 21 49.0 -0.8
ANMO	Albuquerque baz=245	86.19	52	P	P	04 21 51.8 +0.9
ANMO	Albuquerque	86.19	52	P	P	04 21 51.5 +0.7
XAN	Xi'an	86.28	307	P	P	04 21 52.3 +1.2
XAN				prmax	prmax	
XAN	Xi'an	86.28	307	P	P	04 21 53.2 +2.1
XAN				Iamb		04 21 53.3
MCMT	McKenzie Canyo	86.34	40	P	P	04 21 52.4 +1.0
MSO	Missoula baz=239	86.69	38	P	P	04 21 52.7 -0.1
DLMT	Dillon	86.76	40	P	P	04 21 54.3 +1.0
DLMT				Iamb		04 21 55.0
comp=2.7,1nm,0.8s						
TPAW	Teton Pass	86.89	42	P	P	04 21 55.1 +1.0
TPAW				Iamb		04 21 56.0
comp=2.9,6nm,1.1s						
REDW	Red Top Meadow	86.89	42	P	P	04 21 54.9 +0.8
FWXY	Fox Creek	86.91	42	P	P	04 21 55.0 +0.9
FWXY				Iamb		04 21 57.0
comp=2.6,3nm,0.9s						
PRP	Porcupine Dome	86.92	13	P	P	04 21 53.0 -0.5
SNOW	Snow King Moun	87.00	42	P	P	04 21 55.6 +1.0
LMR	Limestone Ridge	87.08	40	P	P	04 21 55.5 +0.8
IMW	Indian Meadow	87.09	42	P	P	04 21 56.0 +1.0
S22A	4UR Ranch, Cre	87.10	49	P	P	04 21 55.9 +0.7
S22A	4UR Ranch, Cre	87.10	49	P	P	04 21 56.1 +0.9
MDOW	Moose Ponds	87.14	42	P	P	04 21 56.0 +0.7
O20A	White River Ci	87.15	46	P	P	04 21 56.3 +1.0
O20A				Iamb		04 21 57.4
comp=2.5,1nm,0.8s						
LOHW	Long Hollow	87.17	42	P	P	04 21 56.0 +0.7
LOHW				Iamb		04 21 56.5
comp=2.5,6nm,0.7s						
DAWY	Dawson	87.19	16	P	P	04 21 54.8 +0.1
DLMT	Earthquake Lak	87.22	41	P	P	04 21 55.5 +0.7
EGAK	Eagle	87.31	15	P	P	04 21 55.5 +0.3
EGAK				Iamb		04 21 56.1
comp=2.8,3nm,0.8s						
FLWY	Flagg Ranch	87.33	42	P	P	04 21 57.3 +1.3
FLWY				Iamb		04 21 58.3
comp=2.13nm,0.9s						
YHB	Horse Butte	87.33	41	P	P	04 21 57.9 +1.9
YHL	Hebgen Lake	87.39	41	P	P	04 21 58.3 +1.9
YMR	Madison River	87.44	41	P	P	04 21 58.4 +1.9
BW06	Boulder Array	87.45</				

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MORC, DOPR, MIBAR, MLR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NANO, SSSL, SSSL, WHYT, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BAR, EML, SC12, MONP2, etc.

CNRM 02 05:51:24.9, 37.09N, 8.57W, h21km, m1.8
MDD 02 05:51:24.9, 0.4, 37.24N, 8.60W, h20km, 1km, mbLg2.6/9,
Error ellipse: s-maj=3.8km s-min=3.2km az=173.0,
PRXIMO

INMG 02 05:51:25.1, 1.1, 37.24N, 8.58W, h16km, 2km, ML2.2, Error
ellipse: s-maj=2.6km s-min=2.2km az=83.0
IGIL 02 05:51:25.5, 37.24N, 8.59W, h18km, ML1.9
ISC 02 05:51:23.7, 0.9, 37.20N, 0.03, 8.60W, 0.03, h23km, 7km,
n67, s181/120, 2C-4D, Portugal

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

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

ANF 02 05:54:29.9, 0.1, 34.15N, 116.81W, h14km, 1km, ML3.3/16,
Error ellipse: s-maj=1.1km s-min=0.8km az=82.0
SCEDC 02 05:54:31.2, 34.16N, 116.81W, h8km
NEIC 02 05:54:31.2, 34.13N, 116.81W, h8km, 5km
PAS 02 05:54:31.2, 34.16N, 116.81W, h8km, 6km,
ML2.4

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

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

MAN 02 05:57:59.1, 7.27N, 124.81E, h7km, mb4.7, ML3.6, MS3.5,
1C-1D, Mindanao

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

ANF 02 06:12:41.5, 0.8, 32.16N, 117.65W, h13km, 4km, ML3.3/19,
Error ellipse: s-maj=4.4km s-min=2.5km az=11.0
NEIC 02 06:12:42.2, 1.1, 32.15N, 117.62W, 0.03, h8km, 7km
PAS 02 06:12:43.4, 1.8, 32.14N, 117.60W, 0.05, h21km, 8km,
ML3.2

SCEDC 02 06:12:43.5, 32.14N, 117.60W, h21km
MEX 02 06:12:44.0, 0.3, 32.15N, 117.62W, h5km, MD4.0
ECX 02 06:12:44.3, 0.6, 32.17N, 117.57W, h10km, MD2.8, ML3.1
ISC 02 06:12:40.8, 1.5, 32.17N, 117.62W, 0.03, h1km, 11km,
n48, s102/68, 2C-1D, California-Baja California border
region

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Fort Macarthur, Sam W Stewart, Pinyon Flats O, Pampiona, Colo, Barranca, Sant, etc.

SOME 02:06:20:34.6, 44.20N, 83.35E, h20km
NMC 02:06:20:35.2, 1.2, 44.26N, 83.11E, h0km, mb3.5, mpv3.5,
Error ellipse: s-maj=10.8km, s-min=4.0km, az=126.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Ketmen, San Jos de Ur, Ciudad Bolivar, Dabeiba, Agustin Codazzi, etc.

RSNC 02:06:20:39.9, 1.1, 6.79N, 73.16W, h140km, 5km, ML3.1,
Mw3.3, 6C-8D, Northern Colombia

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Barranca, Sant, Pampiona, Colo, Barranca, Sant, Pampiona, Colo, etc.

TEH 02:06:24:52.2, 28.39N, 51.53E, h15km, ML4.4
IDC 02:06:24:53.1, 1.3, 28.49N, 51.73E, h0km, mb3.8/9,
mb1.3/9, 11, mb1mx3.7/40, mb2mx3.9/11, ML3.7/2, MS3.3/7,
M1.3/3.7, M1.1mx2.9/34, Error ellipse: s-maj=27.1km
s-min=22.7km, az=26.0

NEIC 02:06:24:55.6, 2.9, 28.4N, 0.1, 51.68E, 0.09, h35km, 7km
OMAN 02:06:24:57.0, 3.7, 28.13N, 51.59E, h27km, 137km, 1/4, 1/5,
Error ellipse: s-maj=172.9km, s-min=21.1km, az=318.0

ISC 02:06:24:55.2, 0.6, 28.37N, 0.03, 51.59E, 0.05, h24km, n104,
13.1/105, mb3.8/12, MS3.3/6, Southern Iran

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Kazeroun, Shiraz, Sarvestan, Lamerd, Jahrom, Pars, Ramesher, etc.

THR 02:06:24:51.5, 28.34N, 51.59E, h14km, ML4.2
ISC/B 02:06:24:52.0, 3.28, 30N, 0.03, 51.52E, 0.04, h24km,
mb3.8/10, MS3.3/6, Error ellipse: s-maj=5.5km,
s-min=2.7km, az=148.7

Table listing astronomical observations with columns for station name, time, and various parameters. Includes entries like NB200, NOA, ARAD, etc.

Summary information for the first table: IDC 02 06:27:56.8, 3.26, 399N, 65.79E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.5/41, mbtmp3.8/7, ML3.8/1, Error ellipse: s-maj=97.0km s-min=31.1km az=138.0,

Table listing astronomical observations under the heading 'Pakistan'. Includes stations like WSAR, MKAR, KURBB, etc.

Summary information for the second table: ISCJB 02 06:43:31.7, 0.8, 10.765S, 0.08, 121.27E, 0.08, h33km, mb4.0/8, Error ellipse: s-maj=12.9km s-min=8.9km az=35.6,

Table listing astronomical observations under the heading 'Savu Sea'. Includes stations like BATI, KAPPANG, KAPI, etc.

Summary information for the third table: ISCJB 02 07:15:19.8, 33.30N, 58.43E, h7km, ML3.6, ISCJB 02 07:15:20.8, 0.4, 33.28N, 0.03, 58.45E, 0.04, h10km, Error ellipse: s-maj=5.6km s-min=4.7km az=147.9,

Table listing astronomical observations under the heading 'Northern and central Iran'. Includes stations like ITEG, IKOO, IMON, etc.

Summary information for the fourth table: IDC 02 07:00:08.8, 15.0, 20.53S, 178.63W, h627km, 209km, mb3.0/6, mb1 3.3/6, mb1mx3.1/28, mbtmp4.0/6, Error ellipse: s-maj=100.9km s-min=70.7km az=145.0, Fiji Islands region

Table listing astronomical observations under the heading 'Fiji Islands region'. Includes stations like CHA, STKA.

Table listing astronomical observations under the heading 'ASAR'. Includes stations like Alice Springs, NVAR, etc.

Summary information for the fifth table: NNC 02 07:28:45.9, 2.0, 45.93N, 80.01E, h0km, mb2.1, mpv2.8, Error ellipse: s-maj=37.4km s-min=6.3km az=131.0,

Table listing astronomical observations under the heading 'Kapalaran'. Includes stations like KAPS, DJR, etc.

Summary information for the sixth table: ISCJB 02 07:33:19.1, 1.4, 7.91N, 0.05, 83.43W, 0.04, h22km, 7km, Error ellipse: s-maj=10.1km s-min=4.7km az=33.5,

Table listing astronomical observations under the heading 'Off coast of Costa Rica'. Includes stations like PTJ1, EDSV, etc.

Summary information for the seventh table: IDC 02 07:36:34.2, 4.1, 36.07N, 70.49E, h191km, 27km, mb3.2/5, mb1 3.3/9, mb1mx3.1/44, mbtmp3.8/9, Error ellipse: s-maj=50.6km s-min=21.2km az=153.0,

Table listing astronomical observations under the heading 'Hindu Kush region'. Includes stations like CEP, CHCP, etc.

Table listing astronomical observations under the heading 'NOA'. Includes stations like NORSAR Array B, TORO, etc.

Summary information for the eighth table: BUJ 02 07:45:01.5, 0.0, 38.38N, 76.64E, h9km, ML3.8/6, IDC 02 07:45:02.5, 1.7, 38.37N, 76.05E, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.5/60, mbtmp3.4/6, ML3.0/2, MS2.3/1, Ms1 2.1/1, ms1mx2.0/30, Error ellipse: s-maj=31.0km s-min=21.7km az=89.0,

Summary information for the ninth table: NNC 02 07:45:07.6, 1.1, 38.74N, 76.61E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=7.7km s-min=6.2km az=154.0,

Table listing astronomical observations under the heading 'Southeastern Xinjiang'. Includes stations like AAK, AAK, AAK, etc.

Summary information for the tenth table: ISCJB 02 07:52:23.5, 1.0, 32.82S, 0.04, 70.28W, 0.05, h111km, 8km, Error ellipse: s-maj=7.3km s-min=5.6km az=135.3,

Summary information for the eleventh table: GUC 02 07:52:23.9, 0.6, 32.78S, 70.31W, h95km, 5km, ML3.4, SJA 02 07:52:24.0-0.8, 32.82S, 70.10W, h123km, 5km, ML3.1, MW3.2,

2d 10h

ISC 02 07:52:22.8±0.2, 32.845±0.05; 70°30'W, 0°06', h118km, 16km, n20, e097/38, 3C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Peidehue, Farellones, Cerro Calan, EI Roble, Penalolen, Antumapu, Las Melosas, CERRO ARCO, Salagasta, Agrelo, Leonicito, Combarbal, Cerro Valdivia, Zonda, Coronel Fontan, Cerro Villucun, MOGNA, Cantantal, San Martin.

VLA 02 08:00:23.0±0.2, 52°13N, 35°45E, M2.3, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

ISC 02 08:00:30.9±0.3, 52.444N, 35.35E, h0km, mb1.3, 6/2, mb1mx3.2/27, mbtmp3.6/2, ML2.8/3, Error ellipse: s-maj=35.3km s-min=12.4km az=116.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Malin Array B, DUBNA INFRASON, FINES, AKTYUBINSK INF, ARCES.

ISCJCB 02 08:12:25.3±0.9, 24°16'S, 0°06:66°9'W, 0°06', h12km, 14km, Error ellipse: s-maj=10.8km s-min=7.7km az=137.6

SJA 02 08:12:25.2±0.9, 24°18'S, 66°39'W, h209km, 11km, ML2.9, MW2.8

GUC 02 08:12:27.4±0.6, 24°09'S, 68°18'W, h285km, 13km, ML3.5, ISC 02 08:12:24.6±0.2, 24°11'S, 68°06:93'W, 0°07', h217km, 21km, n21, e1925/33, 3C, Saita Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SLA, HJA, AZAP, Limon Verde, IPOC Station P, AHML, PB05, PB06, AHML, PB09, PB14, PB03, PB10, PB04, PB04, PB07, AMOG MOGNA.

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Summary table for TCA Tanti (7.49 165 / P Pn) and ASAL Salagasta (8.61 191 / P Pn) with time and residue values.

Table for GEN 02 08:15:31.4, 44.21N, 10°15'E, h6km, 1km, MI0.2, Northern Italy. Includes stations like EQUI, SASSOROSSO, SARO.

Table for ROM 02 08:15:54.0±0.2, 45°51'40N, 0°00'9.96E, 0°01, h9km, 1km, ML2.0/17, 2C-4D, Error ellipse: s-maj=1.1km s-min=0.3km az=217.0, Northern Italy. Includes stations like ROVER VERONES, ROVER, SALO.

Table for BALD Monte Baldo (0.20 329 / P Pn) and ZENB San Zeno di Mo (0.20 307 / P Pn). Includes stations like MARN Marana (Italy), OPPEANO, SALO.

Table for TEOL Teolo (0.52 107 / P Pn) and RNI Roncone (0.52 333 / P Pn). Includes stations like GAGG, PANI, MABI, MABI.

Table for CGRP Cima Grappa (0.69 58 / P Pn) and CTI Castel Tesino (0.72 42 / P Pn). Includes stations like MDI, MDI.

Table for APPI Appiano (0.98 11 / P Pn) and KOSI Kohlern (0.99 17 / P Pn). Includes stations like BRMO, BRMO, AGOR, AGOR.

Table for MOSI Grossmontoni (1.14 345 / P Pn) and MOSI Abersmueckl (1.24 11 / P Pn). Includes stations like ABSI, ABSI.

Table for ROSI Roskopf (1.45 12 / P Pn) and FETA Feichten (1.52 354 / P Pn). Includes stations like STAL, STAL, ROSI, FETA.

Table for SOTA Sankt Quirin (1.72 6 / P Pn) and MMK Mattmark (2.17 285 / P Pn). Includes stations like MATI, MATI, DDMP, DDMP, KCP, KCP, BUKP, BUKP.

Table for MAN 02 08:27:13.5, 6.52N, 126°57'E, h39km, mb4.5, ML3.3, MS3.1, 1D, Mindanao. Includes stations like MATI, MATI, DDMP, DDMP, KCP, KCP, BUKP, BUKP.

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Table for MAN 02 09:19:46.0, 9°38'N, 122°53'E, h23km, mb4.2, ML3.0, MS2.6, 1C-1D, Negros. Includes stations like SNPH, SNPH, DCPH, DCPH, LLP, LLP.

Table for MAN 02 10:04:14.1, 17°66'N, 120°39'E, h15km, mb3.9, ML2.6, MS2.0, 1D, Luzon. Includes stations like ABRA, ABRA, APVP, APVP, CVP, CVP, CAUYAN, CAUYAN, BOLP, BOLP, BALP, BALP.

Table for MAN 02 10:02:01.6, 8°39'N, 126°29'E, h1km, mb4.4, ML3.2, MS3.0, 1C-2D, Mindanao. Includes stations like BUTP, BUTP, BIPH, BIPH, BUKP, BUKP, CGP, CGP, MSLP, MSLP, DMPH, DMPH, BESP, BESP, DDMF, DDMF.

Table for MAN 02 10:06:54.2±0.4, 2°21'S, 139°39'E, h0km, mb4.8/17, mb1.4/8/20, mb1mx4.8/23, mbtmp4.8/20, ML4.5/3, MS4.4/26, Ms1.4/4/26, mb1mx4.4/33, Error ellipse: s-maj=14.6km s-min=11.2km az=54.0

Table for NEIC 02 10:06:55.3±1.6, 2°26'S, 139°28'E, 0°06, h10km, 1km, mb5.4/162, Mw6.5/2, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr=6.5; Mθθ=-4.32; Mφφ=-1.33; Mrr-θθ=3.73; Mrr-φφ=0.57; Fault plane solution: M0=7.02000x10^16 Np1φ=144.30000°; δ39.18000°; λ, 122.65000°; NP2φ=284.72000°; δ57.87000°; λ66.27400°.

Table for ISCJCB 02 10:06:56.6±0.7, 2°31'S, 0°03:139°29'E, 0°03, h27km, 5km, mb5.2/104, MS4.5/38 Error ellipse: s-maj=4.5km s-min=3.0km az=2.1

Table for MOS 02 10:06:57.8±0.9, 2°24'S, 139°29'E, h38km, mb5.3/57, Error ellipse: s-maj=8.0km s-min=4.9km az=114.9

Table for BUI 02 10:06:58.0±0.2, 2°20'S, 139°40'E, h33km, mb5.0/59, mb5.1/42, Ms4.7/52, Ms7.4/50

Table for DJA 02 10:06:58.0±0.2, 2°21'S, 139°29'E, h30km, 5km, Ms.1/58, mb5.5/26, mb5.2/58, MLv5.7/6, Mw(MB3)/4.9/26

Table for GCMT 02 10:06:59.3±0.2, 2°09'S, 0°01:139°33'E, 0°01, h18km, Mw5.1/112, Moment Tensor Solution. s84,c118; s112,c179; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr=5.55; Mθθ=0.34; Mφφ=1.1; Mrr-θθ=1.2; Mθθ-φφ=2.7; Mrr-φφ=0.8; Mθθ-φφ=1.29; Best double couple: M0=34300x10^16 Np1φ=175.00000°; δ51.00000°; λ, 116.00000°; NP2φ=317.00000°; δ46.00000°; λ62.00000°.

Table for ISC 02 10:06:58.6±0.9, 2°29'S, 104°139'36E, 0°03, h32km, 6km, n799, e1912/821, mb5.3/158, MS4.5/40, 63C-2D, Near north coast of Irian Jaya. Includes stations like GENI, GENI, JAY, JAY, JAY, JAY, JAY, JAY, WAMI, WAMI, SRPI, SRPI, BAKI, BAKI, MMPI, MMPI, FAKI, FAKI, FAKI, FAKI, MANU, MANU, SIJI, SIJI, SIJI, SIJI, BNDI, BNDI, SAUI, SAUI, SAUI, SAUI, MSAI, MSAI, PMG, PMG, PMG, PMG, PMG, PMG, AAI, AAI, AAI, AAI, COEN, COEN, NLAJ, NLAJ, KRVT, KRVT, DAV, DAV, DAV, DAV, LUWI, LUWI, LUWI, LUWI, GUMO, GUMO, GUMO, GUMO, GUMO, GUMO.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like PETK Petropavlovsk, ULA Ulaanbaatar, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like ZALV Zalesovo Beam, ZALV Zalesovo Array, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like GHO Glory Hole Cre, GHO Knik Glacier, and various other stations.

Table with columns: ARU, comp=Z,30nm,1.2s, 86.81 327 P, I, 10 19 39.0 -0.7, IAmB, IAmB, 10 19 39.8

Table with columns: baz=285, JCT Junction City, 117.53 57 PKIKP, PKPdf, 10 25 41.7 -0.3, JCT Junction City, 117.53 57 PKIKP, PKPdf, 10 25 41.7 -0.3

Table with columns: U50A Jamestown, 126.96 45 P, PKPdf, 10 26 00.0 +0.1, Y49A Blount Mountai, 127.01 48 P, PKPdf, 10 26 59.8 -0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JSZ, JFT, BSO1, TK02, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZUR 02, SGT01, SGT02, etc.

PRU 02 12:10:57.3±0.0, 50°18N, 18°57E, h0km
IPEC 02 12:10:56.5±0.2, 50°20N, 18°62E, h2km, 1km, ML1.9/3,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHZP, RAC, OJC, MORC, etc.

ROM 02 12:14:02.3±0.1, 42°788N, 0°003, 12°753E, 0°004, h8km, ML2.0/13, Error ellipse: s-maj=0.3km

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

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

ROM 02 12:14:28.7±0.1, 43°365N, 0°004, 12°531E, 0°004, h7km, ML1.1/1, Error ellipse: s-maj=0.4km s-min=0.3km

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

MAN 02 12:19:13.4, 7°35N, 124°75E, h1km, mb4.0, ML2.7, MS2.3, 1C-3D, Mindanao

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

ISCJB 02 12:21:21.0±0.8, 23°53S, 0°04, 69°04W, 0°06, h96km, 11km, Error ellipse: s-maj=9.0km s-min=5.9km az=13.6

SJA 02 12:21:20.2±0.5, 23°54S, 69°01W, h89km, 4km, ML2.5
GUC 02 12:21:20.2±0.7, 23°57S, 69°00W, h89km, 5km, ML3.1

ISC 02 12:21:21.7±1.5, 23°54S, 0°04, 69°05W, 0°05, h88km, 13km, n18, 0°263, 1C-4D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB15, PB15, PB15, etc.

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

MAN 02 12:29:45.9, 7°04N, 126°03E, h35km, mb4.7, ML3.5, MS3.4, 2C-1D, Mindanao

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

ISCJB 02 12:58:20.9±0.3, 17°49S, 0°04, 179°02W, 0°05, h500km, mb3.9/12, Error ellipse: s-maj=6.8km s-min=4.9km

IDC 02 12:58:21.9±2.4, 17°67S, 178°83W, h503km, 28km, mb3.5/12, mb 1.3/13, mb 1mx3.5/34, mbtmp4.3/13, Error ellipse: s-maj=19.3km s-min=14.8km az=122.0

NEIC 02 12:58:22.1±1.9, 17°55S, 0°1, 179°00W, 0°1, h507km, 7km, mb4.4/32

ISC 02 12:58:21.6±0.4, 17°56S, 0°07, 178°94W, 0°07, h500km, n97, r152/99, mb4.3/24, 3C-2D, Fiji Islands region

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

ROM 02 12:14:28.7±0.1, 43°365N, 0°004, 12°531E, 0°004, h7km, ML1.1/1, Error ellipse: s-maj=0.4km s-min=0.3km

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

MAN 02 12:19:13.4, 7°35N, 124°75E, h1km, mb4.0, ML2.7, MS2.3, 1C-3D, Mindanao

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

AS31 Alice Springs 44.40 254 P P 13 05 47.7 +0.3
ASAR Alice Springs 44.40 254 P P 13 05 47.9 +0.5

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, TXAR Lajitas Array, PDAR Pinedale Array, etc.

SOME 02 13:04:43.3, 42.63N, 75.67E
ISCJB 02 13:04:44.1, 0.3, 42.68N, 0.02:75.68E, 0.02, h0km, Error ellipse: s-maj=2.8km s-min=2.3km az=176.8

Main table of station data for the 2d 14h period, listing codes, station names, azimuths, phase IDs, times, and residuals for various stations.

ISCJB 02 13:07:21.2, 2.0, 9.28:8N, 0.1:113.05W, 0.10, h8km, mb3.1/1, MS2.8/1, Error ellipse: s-maj=17.0km s-min=9.0km az=36.7

Table of station data for the 2013 OCT period, including stations like SRIG Santa Rosalia, HSIG Guaymas, GUYB San Pedro Mart, etc.

SOME 02 13:29:02.1, 39.15N, 75.40E, h15km
KRNET 02 13:29:04.9, 0.1, 39.21N, 75.25E, mb3.4
NNC 02 13:29:17.3, 3.7, 39.80N, 75.13E, h0km, mb3.6, mpv3.2

Main table of station data for the 2013 OCT period, listing codes, station names, azimuths, phase IDs, times, and residuals.

Table of station data for the 80 period, including stations like SATY Saty, SATY 6.3nm, 0.3s, SATY 17.0m, 0.7s, etc.

NIED 02 13:58:00, 36.70N, 141.20E, h11km, Mw3.6 Best double couple: M2.37000x1014 NPI.1e200.00000, 843.00000, 1.95.00000, NP2.26.00000, 847.00000, 1.86.00000

Main table of station data for the 80 period, listing codes, station names, azimuths, phase IDs, times, and residuals.

ISC/JB 02 14:38:45.01.5,33.86N.0105.35.90E.0.08,h19km,2gkm, Error ellipse: s-maj=11.5km s-min=8.4km az=152.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BHDL Bhannes, DQRL Deir Qamar, RCY Rachaya, etc.

IDC 02 14:46:33.7.1.1,23.64S.68.60W,h80km,15km,mb3.6/1, mb1 3.7/5, mb1mx3.4/30,mbtmp3.9/5, Error ellipse:

ISC/JB 02 14:46:34.4.0.5,23.55S.0103.69.05W,0.06,h103km,7km, mb3.6/1, Error ellipse: s-maj=9.2km s-min=5.1km az=7.1

SJA 02 14:46:34.2.0.3,23.59S.69.01W,h78km,5km,ML3.7

GUC 02 14:46:34.0.7.2,23.56S.68.99W,h88km,4km,ML3.9

ISC 02 14:46:33.8.0.5,23.56S.0104.68.96W.0.05,h90km,10km, n27.7,159/43,4C-4D, Northern Chile

Main table for Northern Chile stations, including IPOC Station P, Limon Verde, IPOC Station P, etc.

Main table for Mexico and other stations, including MXZ Urewhera, BKZ Black Stump, STKA Stephens Creek, etc.

ISC 02 15:26:33.1.0.9,19.12N.0104.65.35W.0.02,h20km,6km, n44.9,r106/444,mb4.6/89,MS3.5/24,7C-24D, Puerto Rico region

Main table for Puerto Rico region stations, including CUPR Culebra, Pn, SDV Santo Domingo, etc.

BUJ 02 15:06:47.7.0.0,15.37S.166.84E,h97km,mb4.6/21, mb5.0/15

NEIC 02 15:06:49.1.8,14.92S.0109.167.4E.0.1,h105km,6km, mb4.9/27

ISC/JB 02 15:06:50.0.4.4,15.01S.0104.167.39E.0.08,h129km, mb4.2/15, Error ellipse: s-maj=11.5km s-min=5.8km az=172.4

IDC 02 15:06:50.7.3.1,14.93S.167.40E,h117km,32km, mb4.0/12,mb1 4.1/13,mb1mx3.9/29,mbtmp4.4/13,MS3.3/2, Ms1 3.2/2,ms1mx2.8/16, Error ellipse: s-maj=24.1km s-min=19.9km az=79.0

ISC 02 15:06:51.5.0.5,15.03S.0106.167.4E.0.1,h129km,n80, a1212/2,mb4.5/27,1C,Vanuatu Islands

IDC 02 15:26:29.7.0.7,19.18N.65.27W,h0km,mb4.2/16, mb1 4.5/19,mb1mx1.4/62,mbtmp4.3/19,MS3.3/3,MS3.5/26, Ms1 3.5/26,ms1mx3.4/38, Error ellipse: s-maj=19.3km s-min=12.7km az=80.0

ISC/JB 02 15:26:33.7.0.8,19.16N.0123.65.41W.0.02,h30km,6km, mb4.2/15,MS3.5/24, Error ellipse: s-maj=3.1km s-min=2.9km az=22.1

NEIC 02 15:26:33.9.1.1,19.09N.0105.65.37W,0.04,h24km,4km, Moment Tensor Solution, Moment tensor: Scale 10.51Nm; Mr:1.84; Ms:1.43; Mw:0.41; Me:0.17; Mv:3.49; Mv:1.98; Fault plane solution: Mv:4.3000x10^15 Np1:0.90,910000, 852.870000,21.650000; NP2:0.347,440000,872.890000, 1.140.830000; Principal axes: T 3.7574, P1g39.0000, Azm303.0000; N 1.0029, P1g48.0000, Azm148.0000; P -4.7602, P1g13.0000; Azm43.0000; TRN 02 15:26:34.6, 19.01N:65.43W,h31km RSPR 02 15:26:35.8, 19.01N:65.35W,h14km,2km,MD4.4/12

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SDV Santo Domingo, BBSB BB Station, etc.

2d 16h

Table with columns: Y14A, comp, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists various stations like MPU Maple Canyon, CTU Camp Tracy, etc.

NIC 02 15:41:28.0:0.0, 34:77N:30:13E, h121km, 4km, M13, 1/4
ISC 02 15:41:31.1:2.5, 35:0N:01:29.3E:0.1, h35km, n12,
+181/23, 2C-1D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like AKAS Kas, AKUM Antalya-Kumlu, etc.

2013 OCT

Table with columns: TAVA, DENIZLI, Tavas, comp, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like TAVA Tavas, DENIZLI Tavas, etc.

IDC 02 16:31:49.4:21.0, 16:61S:174:88W, h397km, 167km,
mb1 5/4, mb1 3.6/5, mb1mx3.1/48, mbtmp4.3/5, Error ellipse:
s-maj=176.0km s-min=35.5km az=43.0, Tonga

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like DZM Mont Dzumac, URZ Urewera, etc.

IDC 02 16:05:02.5:7.2, 22:18S:176:79W, h0km, mb4.4/3,
mb1 4.5/3, mb1mx3.9/48, mbtmp4.4/3, Error ellipse:
s-maj=277.3km s-min=44.0km az=152.0, South of Fiji

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like CTA Charters Tower, ASAR Alice Springs, etc.

BUI 02 16:42:28.7:0.0, 6:01S: 129:42E, h200km, mb4.5/14,
mB4.7/11
ISCJB 02 16:30:30.3:0.3, 5:55S: 103:129.71E:0:05, h200km,
mb4.2/10, Error ellipse: s-maj=6.6km s-min=3.6km
az=165.7

IDC 02 16:42:30.9:1.8, 5:51S: 129:76E, h188km, 20km, mb3.8/5,
mb1 4.0/10, mb1mx3.6/35, mbtmp4.5/10, Error ellipse:
s-maj=27.1km s-min=12.8km, az=82.0
DJA 02 16:42:30.9:0.3, 5:53S: 130:0E, h21.0km, 5km, M4.4/13,
mb4.4/7, mb4.7/3, MLV4.4/13, Mw(m)3.9/3
NEIC 02 16:42:31.4:1.1, 5:47S: 0:06x129:65E:0:08, h195km, 4km,
mb4.7/17

ISC 02 16:42:31.3:0.5, 5:60S: 0:04x129:70E:0:06, h200km, n71,
+185/73, mb4.6/14, 1D, Banda Sea

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like BNDI Bandanaira, MASOI Masohi, etc.

ISC 02 16:43:07.0:7, 18:55N: 0:06x104:21W:0:05, h14km,
n162, +1925/115.9, mb4.5/33, M53.3/11, Near coast of
Jalisco

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists stations like R15V R15V, R15V R15V, etc.

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Large table with columns: PSA00, GUMO, GUAM, ANAT, ANTA, STKA, STKA, BKN, NWAO, NWAO, CAN, CM31, CMAR, CMAR, CHTO, NJ2, CD2, CD2, LZH, LZH, LZH, LZH, LZH, HHC, HHC, ODAN, TAPN, GTA, RAMN, JIRN, BKZ, PKI, PKIN, KKN, DMN, GKN, DANN, WMQ, WMQ, WMQ, WMQ, KSH, KSH, KSH, KSH, KSH, KSH, MK31, MK32, MKAR, MKAR, ZALV, ZAA1, etc.

comp=Z,0.2nm,0.3s,baz=129,slow=10.0,SNR=8.5	LR	LR	16 53 02.5
PFO			
comp=Z,9.0nm,21.2s,baz=173,slow=32	LR	LR	16 47 27.2 +2.5
WFO			16 47 27.3 +2.2
PFO			16 47 26.6 -0.7
TUL1			16 47 39.4
TUL1			16 47 39.4
comp=Z,1.8nm,1.1s	IAMB	IAMB	16 47 29.8 +0.6
MYCO			16 47 31.9 +0.5
SDCO			16 47 33.5 +1.1
S22A			16 47 39.7 +0.6
PV01			16 47 40.5 +1.3
PV01			16 47 39.7 +0.6
KNOB			16 47 42.3 +1.1
PV05			16 47 44.6
PV05			16 47 44.6
comp=Z,9.3nm,0.8s	IAMB	IAMB	16 47 40.1 +0.3
PV13			16 47 44.0
comp=Z,1.0nm,1.0s	IAMB	IAMB	16 47 41.1 +1.0
PV02			16 47 44.5
PV02			16 47 44.5
comp=Z,9.2nm,0.9s	IAMB	IAMB	16 47 41.1 +0.5
LCMT			16 47 40.9 0.0
PV03			16 47 45.1
PV03			16 47 45.1
comp=Z,7.1nm,0.8s	IAMB	IAMB	16 47 41.5 +0.6
PV18			16 47 45.6
PV18			16 47 45.6
comp=Z,9.3nm,0.9s	IAMB	IAMB	16 47 42.1 +1.0
GSC			16 47 48.5
GSC			16 47 48.5
comp=Z,8.2nm,0.8s	IAMB	IAMB	16 47 42.0 +0.7
PV17			16 47 46.2
PV17			16 47 46.2
comp=Z,1.2nm,1.1s	IAMB	IAMB	16 47 42.3 +0.9
PV11			16 47 45.6
PV11			16 47 45.6
comp=Z,8.1nm,0.8s	IAMB	IAMB	16 47 41.7 +0.1
PV16			16 47 47.0
PV16			16 47 47.0
comp=Z,7.3nm,0.9s	IAMB	IAMB	16 47 42.4 +0.7
PKCU			16 47 44.0 +2.3
PV19			16 47 46.5
PV19			16 47 46.5
comp=Z,7.3nm,0.9s	IAMB	IAMB	16 47 42.2 +0.8
PV20			16 47 46.8
PV20			16 47 46.8
comp=Z,7.6nm,0.8s	IAMB	IAMB	16 47 41.3 -1.1
PV04			16 47 47.0
PV04			16 47 47.0
comp=Z,9.9nm,0.9s	IAMB	IAMB	16 47 42.0 -0.5
PV14			16 47 47.3
PV14			16 47 47.3
comp=Z,8.4nm,0.8s	IAMB	IAMB	16 47 44.3 +1.0
PV23			16 47 58.5
PV23			16 47 58.5
comp=Z,8.1nm,0.8s	IAMB	IAMB	16 47 46.2 +2.4
SHPR			16 47 47.9
SHPR			16 47 47.9
comp=Z,9.8nm,1.0s	IAMB	IAMB	16 47 44.5 +0.4
PV09			16 47 44.5 +0.1
PV21			16 47 48.9
PV21			16 47 48.9
comp=Z,7.7nm,0.9s	IAMB	IAMB	16 54 46.3
JTS			16 54 46.3
JTS			16 54 46.3
comp=Z,5.6nm,18.3s,baz=10,slow=35	LR	LR	16 47 44.2 -0.8
KSCO			16 48 36.1
KSCO			16 48 36.1
comp=Z,8.6nm,0.5s	IAMB	IAMB	16 47 46.0 -0.4
CCUT			16 47 48.1 +0.7
MTPU			16 47 45.2 -2.1
OXF			16 48 36.1
OXF			16 48 36.1
comp=Z,3.0nm,1.4s	IAMB	IAMB	16 47 49.0 -1.9
250A			16 47 52.4 +0.4
MSU			16 47 54.4 +1.4
TPNV			16 47 57.2
TPNV			16 47 57.2
comp=Z,2.6nm,0.9s	IAMB	IAMB	16 47 53.3 +0.2
Q16A			16 47 53.5 +0.1
SRU			16 47 53.4 +0.1
ISA			16 47 59.4
ISA			16 47 59.4
comp=Z,1.1nm,0.8s	IAMB	IAMB	16 47 54.4 +0.6
TCRU			16 47 55.6 +1.8
DAC			16 47 58.6
DAC			16 47 58.6
comp=Z,1.0nm,1.1s	IAMB	IAMB	16 47 56.8 -0.4
TMUT			16 47 56.2 -1.4
P17A			16 47 57.3 -0.5
PSUT			16 48 02.9 +0.1
R11A			16 48 04.7 -1.4
NLU			16 48 12.3 -0.8
MDPB			16 48 17.2
MDPB			16 48 17.2
comp=Z,1.4nm,1.0s	IAMB	IAMB	16 48 16.3 +1.3
NV11			16 48 17.5 +1.8
NV01			16 48 17.5 +1.8
NVAR			16 48 16.5 +0.7
NVAR			16 48 14.5 -3.4
CLTN			16 48 20.1 +0.4
KVN			16 48 22.8
KVN			16 48 22.8
comp=Z,1.2nm,1.0s	IAMB	IAMB	16 48 22.3 +0.8
WAKR			16 48 25.1
WAKR			16 48 25.1
comp=Z,3.6nm,1.6s	IAMB	IAMB	16 48 23.6 +0.5
ELK			16 48 22.6 -0.5
ELK			16 48 21.6 -2.0
USIN			16 48 26.9 +0.4
PNTR			16 48 29.7
PNTR			16 48 29.7
comp=Z,1.2nm,0.9s	IAMB	IAMB	16 48 27.0 -0.1
BMN			16 48 30.4
BMN			16 48 30.4
comp=Z,7.9nm,1.1s	IAMB	IAMB	16 48 26.7 -0.9
PD31			16 48 27.4 -0.2
PDAR			16 48 26.9 -0.8
PDAR			16 48 30.2 +0.2
PAHR			16 48 34.1
PAHR			16 48 34.1
comp=Z,7.1nm,0.9s	IAMB	IAMB	17 00 41.7
TKL			17 00 41.7
TKL			17 00 41.7
comp=Z,6.2nm,19.6s,baz=194,slow=42	LR	LR	16 48 34.5 -0.3
REDW			16 49 17.6
REDW			16 49 17.6
comp=Z,2.4nm,2.0s	IAMB	IAMB	16 48 35.6 +0.3
BEKR			16 48 38.3
BEKR			16 48 38.3
comp=Z,1.4nm,0.9s	IAMB	IAMB	16 48 34.2 -1.6
V53A			16 48 35.2 -1.0
TPAW			16 48 39.5
TPAW			16 48 39.5
comp=Z,5.4nm,1.0s	IAMB	IAMB	16 48 37.5 -0.1
FXWY			16 48 46.6 +0.4
MFID			16 48 49.8
MFID			16 48 49.8
comp=Z,5.2nm,1.2s	IAMB	IAMB	16 48 49.4 -0.3
MOD			16 48 52.8
MOD			16 48 52.8
comp=Z,3.0nm,1.9s	IAMB	IAMB	16 48 51.4 +0.1
MCMT			16 49 01.5 -0.7
BMO			17 03 44.9
BMO			17 03 44.9
comp=Z,7.2nm,19.0s,baz=164,slow=39	LR	LR	16 49 35.8 +0.5
BO8A			16 49 37.4
BO8A			16 49 37.4
comp=Z,7.5nm,1.2s	IAMB	IAMB	17 05 29.8
SADJ			17 05 29.8
SADJ			17 05 29.8
comp=Z,3.7nm,21.2s,baz=162,slow=40	LR	LR	16 50 08.2 -1.4
SAGO			17 07 14.2
SAGO			17 07 14.2
comp=Z,8.9nm,0.4s,baz=328,slow=3.5,SNR=4.9	LR	LR	16 51 16.7 +1.1
DLBC			16 51 16.5 +0.9
DLBC			16 51 18.1
comp=Z,10nm,0.8s	IAMB	IAMB	17 11 41.4
YKA			17 11 41.4
YKA			17 11 41.4

SCHQ	Schefferville	46.05 29	LR	LR	17 11 58.7
PTGA	Pitinga	47.51 109	LR	LR	17 12 23.0
comp=Z,2.9nm,18.8s,baz=313,slow=37					
PALM	Palmar	48.85 37	P	P	16 51 49.9 -3.0
BCAL	Baldy	50.25 337	P	P	16 52 15.3 +7.7
MDP	Meat Creek A	51.39 339	P	P	16 52 12.0 -0.1
MDP	Magnettes des	52.03 98	LR	LR	17 15 27.2
comp=Z,2.1nm,19.2s,baz=308,slow=37					
EPYK	Eagle Plains	52.27 344	P	P	16 52 19.1 +0.5
EPYK					16 52 19.9
comp=Z,5.6nm,0.8s					
EGAK	Eagle	52.36 341	P	P	16 52 19.4 +0.1
DOT	Dot Lake	52.55 339	P	P	16 52 21.1 +0.3
PAX	Pax	52.62 338	P	P	16 52 21.1 -0.2
PAX					16 52 22.9
comp=Z,5.2nm,0.9s					
OHAK	Old Harbor	52.88 329	P	P	16 52 22.5 -0.7
BRKL	Bradley Lake	52.97 333	P	P	16 52 22.9 -1.0
INK	Inuvik	53.05 347	P	P	16 52 24.2 -0.1
comp=Z,5.5nm,0.6s,baz=133,slow=4.7,SNR=5.4					
INK	Inuvik	53.05 347	P	P	16 52 23.8 -0.5
HDA	Harding Lake	54.02 339	P	P	16 52 31.5 +0.1
HDA					16 52 32.8
comp=Z,7.1nm,1.1s					
IL31		54.22 339	PcP	PcP	16 53 37.7 +0.6
ILAR	Eielson Array	54.22 339	P	P	16 52 33.3 +0.4
ILAR					16 53 37.7 +0.6
comp=Z,0.4nm,0.6s,baz=150,slow=6.2,SNR=2.8					
ILAR	Eielson Array	54.22 339	P	P	16 52 32.8 -0.1
PRP	Porcupine Dome	54.24 340	P	P	16 52 33.5 +0.3
MCK	McKinley	54.33 337	P	P	16 52 34.4 +0.6
SKT	Skwentna	54.37 335	P	P	16 52 34.3 +0.2
SKT					16 52 35.8
comp=Z,6.8nm,1.0s					
WRH	Wood River Hill	54.45 338	P	P	16 52 34.4 -0.2
CCB	Clear Creek Bu	54.46 339	P	P	16 52 34.0 -0.7
CCB					16 52 35.3
comp=Z,3.5nm,0.9s					
TRF	Thorofore Moun	54.67 337	P	P	16 52 36.1 -0.4
BWN	Browne	54.77 338	P	P	16 52 36.4 -0.5
FWY	Fort Yukon	54.82 341	P	P	16 52 37.4 +0.2
NEA	Nenana	54.86 338	P	P	16 52 37.6 0.0
KTH	Kantishna Hill	54.97 337	P	P	16 52 39.1 +0.7
PPLA	Purkayshin	55.11 337	P	P	16 52 39.9 +0.3
BMAR	Burnt Mountain	55.20 342	P	P	16 52 40.1 +0.1
BPWW	Bear Paw Mtn.	55.29 337	P	P	16 52 40.3 -0.4
BPWW					16 52 41.8
comp=Z,6.9nm,1.2s					
SVW2	Sparrowohn	55.66 333	P	P	16 52 43.6 +0.2
MLY	Manley	55.71 338	P	P	16 52 43.5 -0.2
MLY					16 52 45.1
comp=Z,6.1nm,1.0s					
COLD	Coldfoot	56.78 340	P	P	16 52 52.0 +0.7
IMAR	Indian Mountai	57.28 339	P	P	16 52 53.9 -1.0
TOLK	Toolik Lake Re	57.42 342	P	P	16 52 56.1 +0.3
SUMG	Summit	65.23 18	P	P	16 53 48.6 -0.5
comp=Z,1.8nm,0.9s					
SUMG	Summit	65.23 18	P	P	16 53 48.1 -1.0
BORG	Borgarnes	70.36 27	LR	LR	17 25 28.7
comp=Z,4.2nm,18.2s,baz=286,slow=36					
SEY	Seymchan	79.59 333	P	P	16 55 14.9 +0.5
comp=Z,3.0nm,0.7s,baz=90,slow=8.9,SNR=6.6					
ARAO	Arctic Array S	85.25 16	P	P	16 55 44.6 +0.7
ARCES	Arctic Array B	85.25 16	P	P	16 55 44.6 +0.7
comp=Z,4.0nm,1.0s,baz=356,slow=8.5,SNR=5.4					
ARCES					17 34 57.6
comp=Z,3.0nm,19.3s,baz=170,slow=36					
ESDC	Soncaz Array	89.54 50	P	P	16 55 48.0 0.0
comp=Z,0.8nm,0.6s,baz=312,slow=5.3,SNR=8.1					
LZH	Lanzhou	119.52 334	ePKP	PKPdf	17

Iensor: Scale 10^4Nm: Mir-0.13; Mra-2.52; Msa-2.65; Mpa-0.61; Mra-0.64; Fault plane solution: Mo3.40000x10^14 NPI...

PRU 02 17:17:36.2+0.0, 47.97N; 16:40E, h6km, Ebreischtors
ICC 02 17:17:37.1-0.9, 48.07N; 16:26E, h0km, mb3.5/2...

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various stations and their coordinates and phases.

Main station data table with columns: PSZ, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists stations like Piszkesteto, Lisztovska Anna, Visnje, etc.

Main station data table with columns: BFO, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists stations like Makarska, Hvar, Rudo, etc.

Table with columns: Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists stations like AML, VIVF, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SSJB Suanglung, JNU Nakatsue, GUMO Guam, etc.

SKHL 02 17:44:17.4±0.5, 45.94N; 149.90E, h50km, 9km, mb4.8/2
JMA 02 17:44:16.4±0.5, 45.33N; 150.19E, h30km, M4.0, Kuril

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

BUC 02 17:46:10.2±0.2, 45.55N; 27.84E, h7km±1km, m1.5/5,
22C-14D, Error ellipse: s-maj=3.6km s-min=0.9km
az=50.0, Romania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IZVR Izvoarele, SLCR Slobozia Conac, TUDD Turunc, etc.

ATH 02 17:49:17.8, 37.77N; 26.52E, h28km, 2km, ML3.0/6, Error
ellipse: s-maj=3.6km s-min=0.7km az=66.0
ISCJB 02 17:49:18.6±0.5, 37.77N; 02.26; 44E±0.03, h1km, 4km,
Error ellipse: s-maj=3.4km s-min=3.1km az=173.1
ISK 02 17:49:18.5, 37.82N; 26.50E, h5km, ML2.8/23,
THE 02 17:49:19.1, 37.79N; 26.48E, h2km, 5km, ML2.7/2, Error
ellipse: s-maj=5.8km s-min=1.1km az=219.0
DDA 02 17:49:20.0, 37.84N; 26.60E, h7km, 4km, ML2.7,
ISC 02 17:49:18.8±0.1, 37.80N; 02.26; 44E±0.02, h17km, 8km,
m1.1, 057776, Dodecanese Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG Samos, TIRR Tirgusor, TESR Tescani, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG comp=N, 8723um, 0.2s, SMG comp=E, 5011um, 0.2s, GMLD Gumuldrur, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRK Parakevi, SIGR Sigiri, SIGR Sigiri, etc.

ISK 02 17:57:06.5, 35.66N; 25.24E, h23km, ML3.3/16
ATH 02 17:57:06.4, 35.64N; 25.20E, h61km, 3km, ML3.1/12, Error
ellipse: s-maj=3.4km s-min=0.9km az=152.0
ISCJB 02 17:57:07.0±0.4, 35.64N; 02.25; 19E±0.03, h61km, 5km,
Error ellipse: s-maj=4.1km s-min=3.5km az=168.6
THE 02 17:57:08.3, 35.64N; 25.18E, h48km, 2km, ML3.2/9, Error
ellipse: s-maj=2.7km s-min=0.5km az=160.0
DDA 02 17:57:38.1, 36.82N; 27.75E, h7km, 6km, ML2.0,
ISC 02 17:57:06.7±1.3, 35.63N; 03.25; 24E±0.03, h67km, 8km,
n93, 01952/123, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP Karpathos, WIL2 Platees, DID Didima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRNS Prines Rethymn, SIVA Sivas, THRS Thira Island, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANT Santorini, THRT Thira Island, ANAF Anafi Island, etc.

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

NI51 Nisyros Isl., 1.85 58 PN Pn 17 57 37.6 +1.3
ATHL Kythira Island, 1.87 28 PN Pn 17 57 38.2 -0.4
VLI Velai, 2.16 30 PN Pn 17 57 40.3 -0.2
DAT Datca, 2.19 59 P Pn 17 57 42.9 +1.9
DAT Datca, 2.19 59 PN Pn 17 57 42.3 +1.3
ARG Arkhangelos, 2.42 75 PN Pn 17 57 44.7 +0.8
KRD KRANIDI, 2.43 37 P Pn 17 57 44.8 +0.7
DND Didima, 2.47 32 PN Pn 17 57 45.3 +0.5
KARY Karystos, 2.48 345 P Pn 17 57 46.0 +1.1
Voula, Athens, 2.50 338 P Pn 17 57 46.3 +1.2
ATHU Athens Unvers, 2.61 334 P Pn 17 57 47.8 +1.2
EPID Epidavros, 2.61 320 P Pn 17 57 47.6 +0.9
GCAM G?zelcam!?, 2.62 37 PN Pn 17 57 48.5 +1.4
CHOS Chios island, 2.83 13 Pn 17 57 50.5 +0.8
CHOS Chios Island, 2.83 13 PN Pn 17 57 51.3 +1.6
VER Yerkesik, 2.88 58 PN Pn 17 57 52.3 +0.2
LOUT Loutra, 2.97 323 P Pn 17 57 52.7 +1.1
TURN Turunc, 2.99 64 P Pn 17 57 49.7 -2.0
TURN Turunc, 2.99 64 PN Pn 17 58 18.8 -7.6
TURN Turunc, 3.00 66 P Pn 17 57 49.6 -2.1
DALY Dalyan (Mula), 3.00 66 P Pn 17 57 54.8 +1.2
DALY Dalyan (Mula), 3.00 66 P Pn 17 58 23.3 -3.5
DALY Dalyan (Mula), 3.00 66 PN Pn 17 57 54.1 +2.2
WIL2 Platees, 3.02 329 P Pn 17 57 52.5 +0.3
ITM Ithomi, 3.09 301 PN Pn 17 57 53.9 +0.7
PYL PYLOS, 3.10 295 P Pn 17 57 53.0 -0.2
BLB Balocva, 3.11 27 PN Pn 17 57 54.5 +1.6
PROD Prodromos, 3.22 325 P Pn 17 57 56.0 +1.0
FETY Fethiye, 3.27 71 P Pn 17 57 58.1 +2.4
FETY Fethiye, 3.27 71 P Pn 17 58 28.1 -5.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NI51 Nisyros Isl., ATHL Kythira Island, VLI Velai, etc.

ASRS 02 18:09:21.2±0.7, 51°N; 2°E; 97E±, h10km, MLH3.4/6,
smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelId
smi:org.gfz-potsdam.de/geofon/tab confirmed,
Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TDJR Tadzha, TDJR Kyzyl, ARDR Aradan, etc.

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Table with columns: J2w 20h, JOW, JIJ, JIH, etc., containing station names, codes, and coordinates.

Table with columns: VSM, LCY, LCO, LCA, etc., containing station names, codes, and coordinates.

Table with columns: GO05, FRFB, VPFL, CPUP, etc., containing station names, codes, and coordinates.

ISC 02 20:11:51.2-1.7, 51.44N-0.07-16.15E: 0.04, h0km, n16, c068/35, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for Poland.

ISC 02 20:43:46.0-1.3, 22.08N-144.98E, h0km, mb3.5/4, mbl 3.6/4, mb1mx3.3/37, mblmp3.5/4, Error ellipse: s-maj=129.6km s-min=29.8km az=80.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for Volcano Islands region.

ISC 02 20:59:52.1-0.5, 57.89S-25.05W, h0km, mb4.7/10, mb1 4.7/12, mb1mx4.5/26, mblmp4.7/12, ML4.5/2, MS3.7/18, Ms1 3.7/18, ms1mx3.6/28, Error ellipse: s-maj=19.2km s-min=15.3km az=24.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for various regions.

NCEDC 02 20:38:31.9-1.0, 38.83N-0.03-122.80W: 0.05, h2km, 7km, Mw3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for Northern California.

NEIC 02 20:38:32.8-0.9, 38.81N-0.04-122.82W: 0.06, h11km, 8km, Northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for Sandwich Islands region.

ISC 02 20:42:27.6-4.0, 12.98N-86.74W, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.5/33, mblmp3.6/3, Error ellipse: s-maj=109.8km s-min=70.3km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for various regions.

SNET 02 20:42:49.4-2.8, 17.93N-87.42W: h179km, 14km, ML3.6, ISCJB 02 20:42:50.8-0.6, 13.3N-0.1-87.59W: 0.09, h183km, 5km, mb3.4/3, Error ellipse: s-maj=24.3km s-min=6.2km az=31.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for various regions.

UCR 02 20:42:50.7-1.2, 13.23N-87.68W, h184km, 5km, MD4.2, ML3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for various regions.

ISC 02 20:42:51.6-0.9, 13.3N-0.1-87.59W: 0.07, h179km, 6km, n44, c1910/57, mb3.2/3, 12C-4D, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, containing station data for various regions.

Table of astronomical observations for 2013 OCT, including station names, coordinates, and observation details.

NEIC 02 21:08:08.8 2.8, 11:35S:0:08:162:84E:0:09, h20km,2km, mb4.9/30

ISCBJ 02 21:08:09.7 0.3, 11:47S:0:04:162:73E:0:06, h33km, mb4.7/25, MS3.8/22, Error ellipse: s-maj=8.9km s-min=5.1km az=152.0

BJI 02 21:08:10.9 0.0, 10:85S:163:05E, h32km, mb4.9/41, m85.0/29, Ms4.7/8, Ms7.4/5.7

IDC 02 21:08:13.4 3.5, 11:45S:162:59E, h40km,29km, mb4.1/16, mb1.4/4.19, mb1mx4.2/38, mb1mx4.6/19, ML3.1/2, MS3.7/19, Ms1.3/7.19, ms1mx3.6/29, Error ellipse: s-maj=27.0km s-min=14.7km az=82.0

ISC 02 21:08:11.4 0.4, 11:42S:0:06:162:81E:0:07, h35km, n98, e/198/92, mb4.9/34, MS3.7/22, 1C, Bougainville-Solomon Islands region

Table of astronomical observations for 2013 OCT, continuing from the previous section.

2013 OCT

Main table of astronomical observations for 2013 OCT, including station names, coordinates, and observation details.

2013 OCT

Main table of astronomical observations for 2013 OCT, continuing from the previous section.

ROM 02 21:37:23.4, 46:33N:7:35E, h3km,1km, ML1.0/8, 1C-1D, Error ellipse: s-maj=3.6km s-min=0.9km az=159.0, Switzerland

2d 22h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CESI - Serrava, FDMO Fioridomonte, CESP1 Cessapalombo, etc.

SOME 02 21:41:06.2, 43°63'N, 83°33'E, h10km
NMC 02 21:41:14.1 ± 1.8, 43°68'N, 82°83'E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=15.9km s-min=6.0km az=128.0

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KTMS Ketmen, DJR Jarkent, PDGK Podgornoye, etc.

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IDC 02 21:44:47.5:1.4, 19°82'S, 66°99'E, h0km, mb3.6/6,
mb1 3.8/6, mb1mx3.6/36, mbtmp3.6/6, MS3.3/2, Ms1 3.4/2,
ms1mx2.7/34, Error ellipse: s-maj=47.8km
s-min=27.3km az=311.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H08S1 Diego Garcia, H08S2 Diego Garcia, CMAR Chiang Mai Arr, etc.

MAN 02 21:58:39.8, 9°31'N, 123°07'E, h1km, mb4.8, ML3.7, MS3.6,
Fault plane solution: NP1-phi=30.00000, delta=0.00000,
tau=0.00000

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SNPH Sibulan, DCPH Dipolog City, TBP Tabilaran, etc.

ECX 02 22:12:07.8:3.6, 29°15'N, 113°59'W, h15km, MD4.1, ML4.3,
Fault plane solution: NP1-phi=30.00000, delta=0.00000,
tau=0.00000
PAS 02 22:12:07.6:7.2, 29°17'N, 113°59'W, h10km, 2km
IDC 02 22:12:08.5:1.3, 29°20'N, 113°40'W, h0km, mb4.2/2,
mb1 4.1/11, mb1mx3.9/55, mbtmp3.9/11, ML3.7/8, MS3.4/15,
Ms1 3.4/15, ms1mx3.2/35, Error ellipse: s-maj=20.6km
s-min=9.6km az=41.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SRIG Santa Rosalia, SRIG Santa Rosalia, SRIG Santa Rosalia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CBX Cerro Bola, CBX Douglas, SWSC Sam W. Stewart, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LRMCL Laurel Mtn Rad, HPIG IRIS PASCAL I, Y22D IRIS PASCAL I, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like Gary Mavity, V, Gary Mavity, V, Eagleton, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like HODGE, W54A Cherokee Point, ACSC Alum Creek Sta, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like CFSR, TLOR, Vrcinoiaia, etc.

ISCJB 02 22:18:47.0, 4.0, 8.08S:0.03:120.35E:0.03, h200km, mb3.8/4, Error ellipse: s-maj=5.0km s-min=4.1km az=138.2

NEIC 02 22:18:48.1±2.8, 8.00S:0.08:120.34E:0.06, h219km, 9km, mb4.1/7

IDC 02 22:18:48.1±1.6, 7.99S:120.30E, h215km±14km, mb3.5/5, mb1.3/1.0, mb1mx3.4/39, mbtmp4.2/10, Error ellipse: s-maj=5.1km s-min=9.2km az=61.0

DJA 02 22:18:49.0, 0.4, 8.53S:122.0E, h196km, 5km, M4.2/17, mb4.3/5, mb4.5/1, MLV4.2/17, Mw(mB)3.9/1

ISC 02 22:18:47.2, 0.5, 8.08S:0.04:120.35E:0.05, h200km, n48, ±202/58, mb4.0/7, Flores region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like WSI Waingapu, WSI Waikabubak, Su, WBSI, etc.

IDC 02 22:12:48.2, 4.0, 3.17N:126.71E, h0km, mb3.5/4, mb3.8/4, mb1mx3.5/33, mbtmp3.5/4, Error ellipse: s-maj=16.6km s-min=25.7km az=70.0

ISCJB 02 22:53.2, 0.8, 3.25N:0.06:126.69E:0.09, h53km, mb3.4/4, Error ellipse: s-maj=13.5km s-min=6.5km az=155.6

DJA 02 22:12:53.6±1.1, 3.1N±8.12E, h29km±21km, M4.0/8, mb4.2/4, mb4.9/1, MLV3.9/8, Mw(mB)4.2/1

ISC 02 22:12:54.1±1.2, 3.36N:0.07:126.8E:0.1, h53km, n13, ±259/14, mb3.4/4, 1D, Talau Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like SGSI Sangihe, SGSI Don Marcelino, DDMP Bagumbayan, Su, etc.

THE 02 22:14:55.5, 35.02N:24.98E, h13km±1km, ML2.0/4, Error ellipse: s-maj=2.8km s-min=0.5km az=175.0

ATH 02 22:14:56.1, 35.07N:24.98E, h5km±31km, ML2.0/2, Error ellipse: s-maj=31.6km s-min=0.9km az=0.0, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.

BUO 02 22:16:59.4, 0.2, 45.53N:27.88E, h3km, m10.9/2, 18C-16D, Error ellipse: s-maj=2.2km s-min=1.0km az=44.0, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like TUDR, TUDR, TUDR, etc.

2d 23h

Table with columns for station name, coordinates, and various parameters. Includes stations like PESTR, SMF, JBK, AVF, SMP, etc.

2013 OCT

Table with columns for station name, coordinates, and various parameters. Includes stations like ROSF, ZCCA, HAU, HNF, MEZF, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like NEIC, ISC, Code, Station Name, etc.

Additional text at the bottom of the page, including station identifiers and coordinates: IDC 02 23:08:44.2, 1.1, 121.118N, 88.77W, h0km, mb3.8/9, etc.

MNTX	Cornudas Mount	24.87	325	P	P	23	14	06.5	+0.1
T47A	Sharon Grove	25.05	3	P	P	23	14	05.9	-2.0
147A				Iamb	Iamb	23	14	15.0	
comp=2.6,6m,0.7s									
MGMO	Mountain Grove	25.34	354	P	P	23	14	11.2	+0.7
V58A	Windy Hill, PI	25.41	19	P	P	23	14	10.3	-0.8
PCAM	Cathedral Cave	25.14	356	P	P	23	14	15.9	-1.9
CDAR	Pinedale Array	26.60	334	P	P	23	15	40.2	-1.3
comp=2.0,2nm,0.4s,baz=123,slow=6.6,SNR=2.7									
PDAR				LR	LR	23	33	15.4	
comp=2.20nm,1.8s,baz=182,slow=4.2									
NV01	Mina Array Sit	37.19	320	PcP	PcP	23	18	15.4	+0.6
NVAR	Mina Array Bea	37.19	320	P	P	23	15	56.8	+1.8
comp=3.2nm,0.9s,baz=136,slow=8.4,SNR=12									
NVAR				PcP	PcP	23	18	15.4	+0.6
comp=2.0,9nm,0.8s,baz=149,slow=4.0,SNR=5.2									
NVAR	Mina Array Bea	37.19	320	P	P	23	15	56.2	+1.1
YKR8	Yellowknife Ar	53.78	346	P	P	23	18	05.0	-0.7
YKA	Yellowknife Ar	53.78	346	P	P	23	18	05.0	-0.7
comp=2.0,8nm,0.7s,baz=123,slow=6.9,SNR=3.9									
IL31		65.95	337	P	P	23	19	29.0	-0.3
IL31				Iamb	Iamb	23	19	30.3	
comp=2.2,0nm,0.8s									
ILAR	Eielson Array	65.95	337	P	P	23	19	30.1	+0.7
comp=2.1,1.0s,baz=149,slow=4.1,SNR=16									
ILAR	Eielson Array	65.95	337	P	P	23	19	29.7	+0.3
BMAR	Burnt Mountain	66.30	340	P	P	23	19	32.5	+0.9
TOA1	Torodi Ar. Sit	87.95	77	P	P	23	21	34.6	+0.4
TORD	Torodi Ar. Bea	87.95	77	P	P	23	21	34.6	+0.4
comp=2.5nm,1.1s,baz=97,slow=4.2,SNR=2.8									
AS31	Alice Springs	137.71	248	PKPdf	PKPdf	23	28	07.1	-1.4
ASAR	Alice Springs	137.71	248	PKHP	PKPdf	23	28	07.1	-1.4
comp=2.0,4nm,0.7s,baz=94,slow=3.1,SNR=4.2									
CMAR	Chiang Mai Arr	148.86	345	PKPbc	PKPbc	23	28	32.5	+0.4
comp=2.1,1nm,0.4s,baz=337,slow=3.4,SNR=10									

IDC 02 23:19:06.5:3.0,28:63N:52:51E,h0km,mb3.9/5,
mb1 3.8/6,mb1mx3.5/37,mbtmp3.6/6,ML3.2/1,Error
ellipse: s-maj=61.9km s-min=30.2km az=153.0
ISC/JB 02 23:19:08.1:0.7,28:65N:0:07:52E:0:06,h16km,
mb3.8/5,Error ellipse: s-maj=10.2km s-min=7.1km
az=25.5

TEH 02 23:19:08.1,28:72N:52:52E,h10km,ML3.2
ISC 02 23:18:08.9:0.8,28:85N:0:07:52E:0:07,h16km,n21,
r154/21,mb3.7/5,Southern Iran

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res			
					h m s	ISC			
ISRV	Sarvestan	0.89	35	Op	23 19 24.5	-1.7			
ISRV				ePg	23 19 50.0				
JHRM	Jahrom	0.93	99	ePg	23 19 27.2	-0.3			
JHRM				IAMB	23 19 54.6				
SHI	Shiraz	0.98	359	ePn	23 19 25.5	-2.3			
SHI				IAMB	23 19 52.8				
IPAR	Pars	1.27	21	ePg	23 19 31.7	-0.6			
IPAR				IAMB	23 20 03.9				
IKAZ	Kazeroun	1.27	332	ePg	23 19 31.8	-0.6			
IKAZ				IAMB	23 19 59.2				
LMD1	Lamerd	1.42	157	ePg	23 19 36.6	+0.2			
LMD1				IAMB	23 20 08.1				
NGRK	Negar Kerman	3.80	74	ePn	23 20 09.8	+2.6			
KHGB	Koh Gabri	3.84	63	ePn	23 20 09.4	+1.7			
NIAN	Nian	3.96	105	ePn	23 20 10.0	+1.0			
IZEF	Zetreh	4.23	358	ePn	23 20 14.6	+1.6			
IZEF				IAMB	23 20 40.8				
IPIR	Pirpir	4.26	341	ePn	23 20 16.1	+2.7			
CHMN	Cheshme madani	4.54	73	ePn	23 20 16.8	-0.5			
IKLH	Kolahrood	4.72	350	ePn	23 20 21.8	+2.0			
TKDS	Koohdash(Taba	6.32	37	ePn	23 20 43.6	+2.0			
TNSJ	Nastanj	6.34	32	ePn	23 20 43.7	+1.9			
BRTR	Keekin Array B	19.10	310	P	23 23 30.9	-0.3			
comp=2.0,1nm,0.3s,baz=125,slow=12,SNR=5.7									
VAE	Valguarnera	32.95	295	P	23 25 43.9	+0.9			
comp=2.5,6m,0.5s,baz=97,slow=8.1,SNR=3.5									
ZALV	Zalesovo Beam	34.52	34	P	23 25 56.6	+0.3			
comp=2.0,5nm,0.4s,baz=250,slow=8.6,SNR=2.8									
FINES	FINES Array B	37.21	339	P	23 26 18.6	-0.6			
comp=2.1,3nm,0.8s,baz=149,slow=11,SNR=4.0									
HFS	Hagfors	40.92	331	P	23 26 50.3	0.0			
comp=2.0,8nm,0.6s,baz=101,slow=7.5,SNR=3.8									
TORD	Torodi Ar. Bea	49.57	263	P	23 27 59.0	-0.6			
comp=2.0,4nm,0.9s,baz=76,slow=8.1,SNR=4.7									

IDC 02 23:28:28.4:18.0,28:61N:85:31E,h0km,mb4.1/3,
mb1 4.0/4,mb1mx3.4/49,mbtmp4.0/4,ML4.0/1,Error
ellipse: s-maj=427.4km s-min=98.8km az=116.0,Nepal

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res			
					h m s	ISC			
MKAR	Makanchi Array	18.30	353	P	23 32 43.4	-0.4			
0.5m,0.3s,baz=186,slow=24,SNR=20									
FINES	FINES Array B	50.66	328	P	23 37 29.8	+0.6			
2.0nm,0.8s,baz=101,slow=7.2,SNR=3.9									
ARCES	ARCES Array B	53.02	338	P	23 37 46.4	-0.3			
4.1nm,1.1s,baz=102,slow=15.5,SNR=2.2									
HFS	Hagfors	56.55	325	P	23 38 12.1	-0.3			
1.2nm,0.7s,baz=108,slow=9.3,SNR=3.1									

BGS 02 23:29:25.9:3.2,40:33N:0:79E,h5km,mb4.0(NEIC)
NEIC 02 23:29:28.6:2.3,40:33N:0:03:07E:0:04,h6km,5km
IDC 02 23:29:28.9:1.2,40:59N:0:62E,h0km,mb3.6/3,mb1 3.9/9,
mb1mx3.6/3,mbtmp3.8/9,ML4.3/5,MS3.3/1,MS1 3.3/1,
ms1mx3.0/4,Error ellipse: s-maj=26.9km s-min=15.6km
az=150.0

SFS 02 23:29:29.0:40:30N:0:70E,ML4.1,GOLFO DE
VALENCIA

MDD 02 23:29:29.5:0.0,40:40N:0:72E,h3km,1km,mbLg3.9/45,
Error ellipse: s-maj=1.1km s-min=1.0km az=121.0,
PRXIMO

MDD EMS: III INTENSIDAD MAXIMA
MRB 02 23:29:29.1:0.3,40:38N:0:72E,h1km,2km,ML4.1/15,
Error ellipse: s-maj=1.3km s-min=1.0km az=309.0

INMG 02 23:29:30.4:1.6,40:32N:0:76E,h2km,ML3.6,Error
ellipse: s-maj=2.1km s-min=1.2km az=110.0

LDG 02 23:29:30.5:0.1,40:37N:0:77E,h2km,MD3.8/2,ML4.2/58,
Error ellipse: s-maj=2.1km s-min=1.2km az=130.0

STR 02 23:29:31.2:1.2,40:46N:0:73E,h2km,7km,
ML4.4/6

ISC 02 23:29:31.1:0.4,40:46N:0:02:07E:0:02,h7km,7km,
n301,rs27/454,mb3.9/5,MS3.2/8,1D,Spain

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res			
					h m s	ISC			
ALCN	Alcanar	0.21	294	P	23 29 34.1	+1.3			
ALCN				S	23 29 38.9	+2.8			
ALCN	Alcanar	0.21	294	P	23 29 34.5	+1.3			
ALCN				S	23 29 38.9	+2.8			
CMAS	Mas de Barbera	0.41	310	P	23 29 38.6	-0.1			
CMAS				S	23 29 45.0	-0.2			
CMAS	Mas de Barbera	0.41	310	P	23 29 38.6	-0.1			
CMAS				S	23 29 45.0	-0.2			
7um,0.3s									
VAN2	Vandellos 2	0.49	8	P	23 29 41.0	+1.0			
VAN2				S	23 29 49.0	+1.5			
VAN2	Vandellos 2	0.49	8	P	23 29 41.0	+1.0			
VAN2				S	23 29 49.0	+1.5			
COBS	Casablanca	0.54	62	P	23 29 41.7	+1.0			
COBS	Casablanca	0.54	62	P	23 29 40.8	+0.1			
COBS				S	23 29 49.7	+1.1			
ERTA	Horta de San J	0.58	328	P	23 29 41.9	+0.5			
ERTA				S	23 29 50.9	+1.0			
ERTA				Lg	23 29 54.0				
2um,0.1s									
ERTA	Horta de San J	0.58	328	P	23 29 41.9	+0.5			
ERTA				S	23 29 51.4	+0.5			
5um,0.4s									
ERTA	Horta de San J	0.58	328	Pg	23 29 41.9	+0.5			
CGAR	Garraf	0.89	20	P	23 29 51.9	+4.0			
CGAR				S	23 30 09.1	+8.1			
2um,1.0s									
EMOS	Mosqueruela	0.93	264	P	23 29 47.1	-0.4			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res			
					h m s	ISC			
EMOS				S	23 30 00.2	+0.2			
EMOS				Lg	23 30 03.0				
2um,0.3s									
EMOS	Mosqueruela	0.93	264	P	23 29 47.0	-0.4			
EMOS				S	23 30 00.5	+0.5			
2um,0.8s									
EMOS	Mosqueruela	0.93	264	Pg	23 29 47.1	-0.4			
EPOB	Poblet	0.93	16	P	23 29 48.6	+1.2			
EPOB				S	23 30 01.3	+1.3			
EPOB				Lg	23 30 05.0				
1um,0.2s									
EPOB	Poblet	0.93	16	P	23 29 47.9	+0.4			
EPOB				S	23 30 02.8	+0.7			
EPOB	Poblet	0.93	16	Pg	23 29 48.6	+1.2			
CAVN	Las Avellaneras	1.42	1	P	23 29 55.8	+0.5			
CAVN				S	23 30 14.8	+0.2			
4um,0.5s									
FBR	Fabra	1.42	47	P	23 29 54.9	-0.4			
EIBI	Ibiza	1.51	162	P	23 29 54.2	-2.2			
EIBI				S	23 29 54.8	-5.6			
EIBI	Ibiza	1.51	162	Pn	23 29 54.3	-2.2			
EIBI				S	23 29 53.3	-4.1			
ESAC	San Caprasio	1.55	325	P	23 29 58.5	+0.5			
ESAC	San Caprasio	1.55	325	Pg	23 29 58.5	+0.5			
EMIR	Miracle	1.57	22	P	23 29 58.5	+1.2			
EMIR				S	23 29 19.7	+1.8			
EMIR				Lg	23 29 26.0				
2um,0.3s									
EMIR	Miracle	1.57	22	Pn	23 29 58.5	+1.2			
EMIR				S	23 30 20.0	+1.5			
ECHÉ	Chera	1.57	237	P	23 29 56.3	-1.0			
ECHÉ				S	23 30 16.9	-1.0			
ECHÉ				Lg	23 30 21.0				
584nm,0.5s									
ECHÉ	Chera	1.57	237	Pn	23 29 56.3	-1.0			
ECHÉ				S	23 30 16.6	-1.3			
ETOS	Mallorca	1.74	113	P	23 29 57.9	-1.7			
ETOS				S	23 30 13.3	-4.1			
ETOS	Mallorca	1.74	113	Pn	23 29 57.7	-1.9			
ETOS				S	23 30 20.1	-1.9			
ETOS	Mallorca	1.74	113	Pn	23 29 57.9	-1.7			
ETOS				S	23 30 19.0	-3.1			
CORI	Orista	1.81	33	P	23 30 00.6	+0.1			
CORI				S	23 30 23.9	+0.2			
2um,0.5s									
CORG	Organya	1.82	14	S	23 30 24.4	+0.3			
805nm,0.3s									
CFON	Fontmartina	1.83	44	P	23 30 00.8	-0.1			
CFON				S	23 30 23.9	-0.4			
CFON	Fontmartina	1.83	44	P	23 30 00.7	-0.2			
CFON				S	23 30 24.1	-0.2			
1um,0.3s									
CTRE	Trepmp	1.86	1	P	23 30 02.6	+1.2			
CTRE				Pn	23 30 01.3	0.0			
CTRE	Tramp	1.86	1	P	23 30 25.9	+0.7			
1um,0.4s									
EKENZ	Beniarda presa	1.92	202	P	23 30 00.5	-1.5			
EKENZ				S	23 30 22.9	-3.6			
CSOR	Sort	1.94	9	P	23 30 03.8	+1.4			
CSOR				Lg	23 30 28.6	+1.6			
CSOR				Lg	23 30 37.0				
1um,0.2s									
CSOR	Sort	1.94	9	S	23 30 27.8	+0.8			
2um,0.5s									
ARBS	La Rabassa	2.08	17	P	23 30 05.5	+1.1			
ARBS	La Rabassa	2.08	17	P	23 30 04.5	+0.1			
CBRU	Bruguera	2.12	30	P	23 30 05.8	+0.8			
CBRU				S	23 30 34.8	+0.4			
CBRU	Bruguera	2.12	30	S	23 30 32.1	+0.5			
1um,0.8s									
ETOR	Torete	2.15	280	P	23 30 06.9	+1.5			
ETOR				Lg	23 30 33.3	+1.0			
ETOR				Lg	23 30 41.0				
2um,0.5s									
CCAS	Cassa de la Se	2.17	48	P	23 30 05.1	-0.3			
CCAS				S	23 30 31.9	-0.7			
CEST	Estervi de Car	2.17	10	P	23 30 06.8	+1.2			
CEST	Estervi de Car	2.17	10	P	23 30 35.3	+0.7			
CLLI	Llivia	2.22	24	P	23 30 35.0	+1.1			
CLLI				Lg	23 30 35.0	+1.0			
CLLI				Lg	23 30 49.0				
705nm,0.6s									
CLLI	Llivia	2.22	24	S	23 30 34.6	+0.			

Table with columns: LSA, CD2, CD2, Lhasa, Chengdu, 33.54 346 P, 33.84 6 P, 23 40 14.7 -0.5, 23 40 18.7 +1.4, etc.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, Negresti, Negrestu, Negresti

Main table with columns: NEGR, AML, AML, 23 47 10.0, 23 47 10.6, 23 47 11.5 +1.3, Singureni, 1.87 226, etc.

Table with columns: BIZ, SGRR, SGRR, 1.87 226, 1.87 226, 1.98 268, 1.98 268, etc.

NIED 03:00:08:00,36:80N:141:30E,h8km,Mw3.7 Best double couple: M3.42000x10^14 NP1:357.00000, B47.00000, lambda=1.18.00000, NP2:215.00000, delta50.00000, etc.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, Iwakimizuishi, Hitachi, Kawachi, Fukushimafurud, etc.

Table with columns: 3d 1h, Uthaitani, 26.01 284 P, P, 00 57 45.4 +11, etc. Lists various stations and their coordinates and status.

Table with columns: CCB, Iamb, Iamb, 01 04 05.2, etc. Lists various stations and their coordinates and status.

Table with columns: LJU, SOKA, Soboth, 2.85 327 eSn, Sn, 00 59 13.6 +0.6, etc. Lists various stations and their coordinates and status.

RHSSO 03 00:57:58.3 0.2, 44:30N x 17:27E, h4km, 1km, ML2/7/1
PRU 03 00:57:58.5 0.0, 44:24N x 17:07E, h2km
BEO 03 00:57:58.3 0.4, 44:22N x 17:22E, h6km, 2km, ML2 5/10

IDC 03 01:10:46.3 0.8, 2:77N, 126:25E, h0km, mb4.1/6,
mb1 4.2/7, mb1mx3/8/38, mbrrp4.1/7, ML4.0.1, MS3.5/2,
Ms1 3.5/2, m1mx2/7/38, Etror ellipse: s-maj=36.8km
s-min=16.3km az=66.0
DJA 03 01:10:51.4 2.6, 3:N.7 x 12:7E., h35km, 66km, M4.1/11,
mb4.2/6, MLV4.1/11
NEIC 03 01:10:57.9 1.4, 2:76N, 0:09x126:3E, 0.1, h98km, 8km,
mb4.3/17
ISC 03 01:10:54.8 0.5, 2:91N, 0:05x126:68E, 0:09, h63km, n52,
e2:08/49, mb4.2/19, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and names.

GCG 03 01:32:10.5:0.3, 15°00'N-91°86'W, h70km, 6km, MD3.4
 ISC 03 01:32:10.7:0.3, 14°4N-02°32'W, 0.1, h35km, n5, 0°67/8,
 Near coast of Chiapas

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
THG	STG3	0.55 34	Op Pn	01 32 21.7	-0.4
FUG	Fuego 3	1.25 86	eP S	01 32 47.5	+0.4
FUG	Fuego 3	1.25 86	eS Pn	01 32 47.5	+0.3
IXG	Ixpaco	1.65 97	eP S	01 32 37.6	+0.1
IXG	Ixpaco	1.65 97	eS Pn	01 32 58.6	+1.0
CCIG	Comitan	1.90 360	iP S	01 32 40.9	+0.1

NIC 03 01:45:31.1±0.0, 36°76'N-31°56'E, h22km, 38km, ML3.8/5
 ISK 03 01:45:37.1, 36°00'N-30°92'E, h9km, ML3.4/31
 ISCBJ 03 01:45:37.4±0.8, 35°99'N-02°30'88"E, 0.02, h9km, 6km,
 Error ellipse: s-maj=4.0km s-min=2.7km az=32.8
 DDA 03 01:45:37.6, 36°00'N-30°95'E, h35km, ML3.4
 HLW 03 01:45:39.8, 36°07'N-30°72'E, h33km, 42km, ML3.5
 NSSC 03 01:45:55.1±0.3, 35°42'N-31°90'E, h9km, 99km, ML2.4
 ISC 03 01:45:39.7±1.1, 36°15'N-03°30'95"E, 0.02, h11km, 9km,
 n115, 0°157/115, 5C-2Z, Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
AKUM	Antalya-Kumluç	0.52 290	iP Op	01 45 50.1	+0.4
AKUM	Antalya-Kepez	0.75 30	PG S	01 45 54.5	+0.4
AKUM	Antalya-Kepez	0.92 35	IP S	01 46 08.2	-1.2
AKUM	Alanya-AANTALYA	0.97 65	PG P	01 45 57.3	-1.0
AKUM	Elmali	1.03 306	iP S	01 45 57.8	-1.7
AKUM	Elmali	1.03 306	SN S	01 46 15.5	-1.6
AKUM	Kas	1.09 275	iP S	01 45 59.8	-0.8
AKUM	Kas	1.09 275	IP S	01 46 16.2	+1.4
AKUM	Kas	1.09 275	IP S	01 45 58.7	-1.9
AKUM	Gazipasa	1.11 85	iP P	01 45 59.8	-1.2
AKUM	Gazipasa	1.11 85	PN P	01 45 59.5	-1.6
AKUM	Bucak	1.34 348	PN P	01 46 04.8	+0.4
AKUM	Golhisar	1.56 315	iP P	01 46 08.8	+1.5
FETY	Fethiye	1.58 288	iP S	01 46 07.6	0.0
FETY	Fethiye	1.58 288	PN Pn	01 46 06.5	-1.1
AKMS	Akamass	1.60 134	iP P	01 46 06.3	-1.5
AKMS	Akamass	1.60 134	IP S	01 46 34.2	+3.2
AKMS	Akamass	1.60 134	AML AML	01 46 38.7	
AKMS	Akamass	1.60 134	AML AML	01 46 38.7	
AKMS	Akamass	1.60 134	AML AML	01 46 38.9	
AKMS	Akamass	1.60 134	AML AML	01 46 38.9	
ERMK	Ermek	1.66 72	iP Pn	01 46 08.5	-0.4
ALFC	Alefka	1.67 126	iP Pn	01 46 05.8	-3.1
ALFC	Alefka	1.67 126	SN S	01 46 33.5	+2.0
ALFC	Alefka	1.67 126	AML AML	01 46 36.9	
ALFC	Alefka	1.67 126	AML AML	01 46 36.9	
ALFC	Alefka	1.67 126	AML AML	01 46 40.2	
ALFC	Alefka	1.67 126	AML AML	01 46 40.2	
BRDR	BURDUR-Merkez	1.70 336	iP Pn	01 46 11.1	+1.7
ISP	Isparta	1.71 349	PN Pn	01 46 09.9	+0.5
TEKE	Tekelli-Mersin	1.75 90	PN Pn	01 46 08.4	-1.6
BAGO	BAGDAD - ISPA	1.84 356	iP Pn	01 46 12.1	+0.8
AKDN	Akdeniz - Kilbrı	1.85 117	PN Pn	01 46 09.5	-1.9
BERE	Bereket-Mersin	1.85 83	PN Pn	01 46 10.6	-0.8
LEF	Lefka	1.89 122	PN Pn	01 46 08.8	-2.9
LEF	Lefka	1.89 122	PN Pn	01 46 08.3	-3.5
NATA	Nata	1.90 135	iP Pn	01 46 12.4	+0.3
DALY	Dalyan (Mula)	1.96 291	iP S	01 46 12.6	-0.2
DALY	Dalyan (Mula)	1.96 291	IP S	01 46 32.6	-4.8
DALY	Dalyan (Mula)	1.96 291	IP S	01 46 11.8	-1.0
DALY	Dalyan (Mula)	1.96 291	IP S	01 46 14.1	+0.9
YORU	Yoruktepe-Mers	1.99 89	PN Pn	01 46 12.5	-0.7
TURN	Turunc	2.02 292	iP Pn	01 46 16.9	+3.3
TURN	Turunc	2.02 292	PN Pn	01 46 15.9	+2.3
OREN	Orenkoy-Mersin	2.03 88	PN Pn	01 46 12.9	-0.9
DOGAN	DOGAN KONYA	2.08 81	PN Pn	01 46 14.3	+2.3
TEVE	Tevekali-Mers	2.04 81	PN Pn	01 46 13.4	+0.5
TAVA	DENIZLİ Tavass	2.10 309	iP S	01 46 15.3	+0.5
TAVA	Tavas	2.10 309	IP S	01 46 40.2	-0.7
AKK1	Akkuyu-Mersin	2.10 89	PN Pn	01 46 13.9	-0.8
GULM	MERSİN Gulnar	2.10 88	iP Pn	01 46 15.3	+0.6
SZAC	Souni	2.10 131	iP Pn	01 46 14.8	-0.1
SZAC	Souni	2.10 131	IP S	01 46 47.5	+0.2
SZAC	Souni	2.10 131	AML AML	01 46 58.3	
SZAC	Souni	2.10 131	AML AML	01 46 58.3	
SZAC	Souni	2.10 131	AML AML	01 47 01.0	
SZAC	Souni	2.10 131	AML AML	01 47 01.0	
AKK2	Akkuyu-Mersin	2.11 90	PN Pn	01 46 13.8	-1.0
AKKU	Akkuyu-Mersin	2.11 89	PN Pn	01 46 14.1	-0.7
TEPE	Tepekoy-Mersin	2.12 87	PN Pn	01 46 14.3	+0.7
KONT	Konya-Tatoy	2.12 32	PN Pn	01 46 16.8	+1.7
KONT	Konya-Tatoy	2.12 32	PN Pn	01 46 15.8	+0.7
YESI	Yesilovacik-Me	2.18 88	PN Pn	01 46 14.9	-0.9
KZIL	KIZILAFYON Kizioren	2.20 343	iP Pn	01 46 17.5	+1.3
KZIL	KIZILAFYON Kizioren	2.20 343	IP S	01 46 41.2	-2.4
TISAN	Tisan-Mersin	2.21 89	PN Pn	01 46 15.4	-0.3
DENT	Denizli	2.22 317	PN Pn	01 46 16.6	+0.2
IKL	Isikli	2.22 87	PN Pn	01 46 15.7	-0.6
ATHAL	Athalassa	2.23 116	P S	01 46 13.7	-2.8
ATHAL	Athalassa	2.23 116	IP S	01 46 45.2	+1.1
ATHAL	Athalassa	2.23 116	AML AML	01 47 04.1	
ATHAL	Athalassa	2.23 116	AML AML	01 47 04.1	
ATHAL	Athalassa	2.23 116	AML AML	01 47 16.0	
ATHAL	Athalassa	2.23 116	AML AML	01 47 16.0	
ATHAL	Athalassa	2.23 116	AML AML	01 47 16.0	
KEBE	Keben-Mersin	2.26 82	PN Pn	01 46 16.3	-0.6
CSS	Mathiatis	2.28 121	PN Pn	01 46 14.0	-3.2
CSS	Mathiatis	2.28 121	PN Pn	01 46 14.3	-2.9
CSS	Mathiatis	2.28 121	PN Pn	01 46 16.1	-1.1
ARG	Arkhangelos	2.28 123	PN Pn	01 46 15.3	-1.9
ASGA	Asgata	2.32 125	IP Pn	01 46 15.9	-1.8
ASGA	Asgata	2.32 125	IP S	01 46 21.1	+2.0
ASGA	Asgata	2.32 125	AML AML	01 47 00.9	
ASGA	Asgata	2.32 125	AML AML	01 47 00.9	
ASGA	Asgata	2.32 125	AML AML	01 47 01.6	
ASGA	Asgata	2.32 125	AML AML	01 47 01.6	
LADK	Ladik-KONYA	2.34 29	PN Pn	01 46 18.8	+0.6
YER	Yerkisik	2.36 295	PN Pn	01 46 17.9	-0.4
SILI	Silifke-Mersin	2.42 84	PN Pn	01 46 18.7	-0.4
SHUT	Suhut-Afyon	2.42 353	PN Pn	01 46 19.4	+0.1
MVOU	Mavrovouni	2.46 116	iP Pn	01 46 16.4	-3.3
KHAL	Karahallı	2.50 313	iP Pn	01 46 21.3	+0.9
KDHN	Kadinhanı	2.55 21	P S	01 46 22.4	+1.1
BOLV	Bolvadin	2.57 0	P S	01 46 22.4	+1.1
KIZK	Mersin	2.60 82	iP Pn	01 46 23.6	+1.9

KIZK Mersin 2.60 82 PN Pn 01 46 21.4 -0.3
 AFYO Afyonkarahisar 2.69 349 iP Pn 01 46 24.3 +1.4
 EREN Erenkoy 2.69 102 IP Pn 01 46 24.1 +1.3
 EREN Erenkoy 2.69 102 PN Pn 01 46 22.0 -0.8
 DAT Datca 2.76 283 IP Pn 01 46 23.9 -0.3
 KIZT Kizilirmak 2.83 15 PN Pn 01 46 25.2 +0.5
 KERG Konya-Eregli 2.85 63 IP Pn 01 46 27.4 +2.2
 CHBY Cibiyahisar 2.88 32 PN Pn 01 46 26.5 +0.9
 SULT Sultanhanı-AKS 2.90 44 PN Pn 01 46 26.5 +0.7
 MERS Mersin 2.97 75 PN Pn 01 46 27.3 +0.5
 USAK Uak-Merkez 2.99 300 IP Pn 01 46 27.4 +0.5
 AUKIR Uak-Seiyiga 3.14 354 IP Pn 01 46 25.9 +0.5
 GDZ Gediz 3.16 339 IP Pn 01 46 30.5 +1.1
 DED Mersin 3.21 74 IP Pn 01 46 31.8 +1.9
 CIFT Cifteler, Eski 3.21 2 I Pn 01 46 30.1 0.0
 CIFT Cifteler, Eski 3.21 2 PN Pn 01 46 30.7 +0.6
 SVRH SVRHİSAR 3.32 8 IP Pn 01 46 32.2 +0.6
 SVRH SVRHİSAR-ESK 3.33 8 PN Pn 01 46 31.9 0.0
 GCAM G?zelcam? 3.35 299 IP Pn 01 46 31.1 -0.9
 KKUL Konya-Kulu 3.40 27 IP Pn 01 46 33.3 +0.6
 SERE Serelikochisa 3.48 36 PN Pn 01 46 35.3 +1.4
 KARA Karaisalı 3.48 70 PN Pn 01 46 34.4 +0.6
 YAYK Yaylak 3.50 38 PN Pn 01 46 36.5 +1.2
 BORA Eskisehir 3.75 354 IP Pn 01 46 39.0 +1.5
 KIRS Kirehir-Merke 3.80 37 IP Pn 01 46 39.6 +1.4
 BBAL Bala 3.80 26 IP Pn 01 46 38.1 -0.1
 YURE YUREGIR 3.84 78 PN Pn 01 46 39.2 +0.6
 SRCK Sarcakaya, Es 3.90 356 IP Pn 01 46 40.4 +1.0
 CEYI Ceylanpinari 3.95 76 PN Pn 01 46 40.7 +0.4
 DURS Dursunbey 3.96 331 IP Pn 01 46 41.3 +0.9
 ZEDA zmir-Bergama 4.17 314 IP Pn 01 46 42.8 -0.3
 ULUD Uludag 4.24 341 IP Pn 01 46 45.2 +0.9
 BRBR Barbar 4.94 122 eP S 01 46 55.6 +1.6
 BRBR Barbar 4.94 122 eS Sn 01 47 31.5 -1.2

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
BRBR	Barbar	4.94 122	AML AML	01 47 58.1	
BRBR	Barbar	4.94 122	AML AML	01 48 02.0	
QASN	Qassiuun	5.10 119	eP S	01 46 58.5	+2.4
QASN	Qassiuun	5.10 119	IP S	01 47 43.3	-1.1
QASN	Qassiuun	5.10 119	AML AML	01 48 03.2	
QASN	Qassiuun	5.10 119	AML AML	01 48 12.6	
MMLI	Mount Malkishu	5.24 134	PN Pn	01 46 57.2	-0.7
SHMJ	Saham	5.24 129	P Pn	01 47 00.1	+2.1
TOTH	TOTAH	5.30 120	eP S	01 47 01.3	+2.5
TOTH	TOTAH	5.30 120	AML AML	01 47 38.2	-1.2
TOTH	TOTAH	5.30 120	AML AML	01 48 09.0	
TOTH	TOTAH	5.30 120	AML AML	01 48 09.2	
MATC	Matruh	5.70 214	P Pn	01 47 00.3	-3.9
LISJ	Ei Lisan	6.18 141	PN Pn	01 47 06.9	-1.0
KOT	Kottamia	6.25 173	P Pn	01 47 13.4	+2.6
ASF	Jabal al Asfar	6.33 127	P Pn	01 47 16.1	+3.2
HMVD	Mayadein	6.33 181	P Pn	01 47 10.2	-2.8
SUZ	Suez	6.49 165	P Pn	01 47 12.8	-2.2
HNAT	Natroun	6.50 183	P Pn	01 47 11.9	-3.4
HNAT	Natroun	6.50 183	AMP	01 48 00.0	
HNAT	Natroun	6.50 183	S Sn	01 48 19.9	-1.0
SLUM	Salum	6.66 227	P Pn	01 47 14.3	-3.1
SLUM	Salum	6.66 227	AMP	01 48 00.0	
SLUM	Salum	6.66 227	S Sn	01 48 21.2	-1.2
NBNS	Bani Suef	7.51 178	P Pn	01 47 26.9	-2.2
NBNS	Bani Suef	7.51 178	AMP	01 48 00.0	
NBNS	Bani Suef	7.51 178	S Sn	01 48 44.8	-9.4
SWAZ	Suez	8.29 215	P Pn	01 47 35.2	-4.7
SWAZ	Suez	8.29 215	AMP	01 49 00.0	
TAMRE	Ei Minia	8.44 180	P Pn	01 47 39.1	-2.7
HFRF	Wahat Farafira	9.25 195	P Pn	01 47 49.6	-3.3
HFRF	Wahat Farafira	9.25 195	AMP	01 49 00.0	

ISCJB 03 03:08:58.8±2.6, 14°4N-0°49'9W, 0.2, h67km, Error ellipse: s-maj=61.7km s-min=10.6km az=21.3
 GCG 03 03:08:58.9±0.6, 15°01'N-91°55'W, h73km, 19km, MD3.3
 MEX 03 03:08:59.0±0.4, 14°39'N-91°82'W, h79km, 41km, MD3.5
 ISC 03 03:08:59.6±2.8, 14°5N-0°49'18W, 0.2, h67km, n4, 0°79/6,
 Guatemala

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
STG3	Santiago 3,	0.32 49	Op Pn	01 09 16.4	-1.1
FUG	Fuego 3	0.95 83	eP S	01 09 23.1	+0.1
FUG	Fuego 3	0.95 83	eS Pn	01 09 41.3	+0.8
IXG	Ixpaco	1.37 103	eP S	01 09 28.4	-0.2
PCIG	Comitan	1.81			

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

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

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

3d 4h

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NV01, NVAR, NVAR, LT*X, TXAR.

NORS 03 03:34:16.7±0.0, 42.98N:45.15E, h98km, 2km, MPVA3.8
ISCJB 03 03:34:18.0±0.6, 43.10N:0.03±0.4, 18E:0.04, h98km, 5km,
Error ellipse: s-maj=5.6km s-min=3.3km az=40.3

MOS 03 03:34:17.4±0.0, 43.01N:45.15E, h88km, 2km, MPVA3.7
TIF 03 03:34:17.2±0.4, 43.13N:45.15E, h87km, 2km,
ISC 03 03:34:18.4±0.4, 43.08N:0.04±0.17E:0.03, h91km, 8km,
h30, c090/60, Eastern Caucasus

Main table listing station names, coordinates, and seismic data for various stations like KMGR, VLKR, GROG, ARNR, LACR, etc.

IDC 03 03:51:32.9±1.5, 15.20N:144.52E, h0km, mb4.0/9,
mb1.4/1.9, mb1mx3.8/4.4, mbtmp4.0/9, MS5.5/6, Ms1.3/5.6,
ms1mx3.2/3.9, Error ellipse: s-maj=36.7km s-min=15.2km
az=79.0

ISCJB 03 03:51:34.8±0.5, 15.15N:0.06:144.3E:0.1, h22km,
mb3.9/9, MS3.7/8, Error ellipse: s-maj=15.4km
s-min=7.5km az=164.3

NEIC 03 03:51:37.9±1.6, 15.07N:0.04:144.4E:0.1, h35km, 1km,
mb4.3/1

ISC 03 03:51:36.0±0.7, 15.13N:0.06:144.5E:0.1, h22km, n34,
c1919/22, mb4.0/10, MS3.7/8, Mariana Islands region

Main table listing station names, coordinates, and seismic data for stations like GUMO, ANAZ, KRVT, H1S3, etc.

NIED 03 04:13:00.28±0.0N:130.20E, h5km, Mw5.1 Best double
couple: M0.65000±0.016 NP1±0.2560000: 879.00000°,
λ-175.00000°. NP2±0.165.00000: 885.00000°,
λ-11.00000°.

BUI 03 04:13:38.9±0.0, 27.67N:130.59E, h10km, mb4.9/62,
mb5.1/54, Ms5.3/68, Ms7.5/165

JMA 03 04:13:46.4±0.1, 27.99N:130.25E, h33km, 2km, M5.1
JMA Felt III J1

IDC 03 04:13:47.6±2.2, 28.22N:130.02E, h13km, 14km, mb4.8/27,
mb1.4/9.3, mb1mx4.9/36, mbtmp4.9/33, ML3.9/6, MS4.6/35,
Ms1.4/6.35, ms1mx4.5/45, Error ellipse: s-maj=12.1km
s-min=9.7km az=112.0

ISCJB 03 04:13:48.2±0.6, 28.16N:0.02:129.94E:0.02, h23km, 3km,
mb5.3/174, MS4.9/62, Error ellipse: s-maj=3.7km
s-min=2.3km az=135.9

MOS 03 04:13:49.3±1.1, 28.19N:130.04E, h38km, mb5.5/93,
MS5.3/15, Error ellipse: s-maj=7.2km s-min=4.3km
az=112.5

GCMT 03 04:13:50.2±0.2, 28.02N:0.02:130.22E:0.01, h20km,
MW5.1/105, Moment tensor: s74, c107,
s105, c167; Duration: 0 Moment tensor: Scale 10^16Nm;
Mw=4.98±0.18; Mw=4.46±0.12; Mw=4.43±0.12; Mw=4.6±0.27;
Mw=2.63±0.09; Mw=1.88±0.23; Best double couple:
M0.73000±0.016 NP1±0.4100000: 860.00000°,
λ106.00000°. NP2±0.191.00000: 833.00000°, λ65.00000°.

Principal axes: T 5.9190, P1g70.0000°, Azm345.0000°;
N 0.5170, P1g14.0000°, Azm213.0000°; P -6.4380,
P1g14.0000°, Azm119.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
NEIC 03 04:13:50.2±1.9, 28.21N:0.05:129.92E:0.07, h24km, 3km,
mb5.2/240

ISC 03 04:13:50.4±0.4, 28.13N:0.03:130.10E:0.03, h32km, 2km,
h32km±P-P, n846, c1958/951, mb5.2/260, MS5.0/62,
59C-55D, Ryukyu Islands

Main table listing station names, coordinates, and seismic data for stations like JZK, JAM, JAMN, JTK, etc.

Main table listing station names, coordinates, and seismic data for stations like WHN, WHN, WHN, WHN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GZR Gura Zlata, SNART Srebrna, SRE Strehala, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PINE comp=Z,33nm,1.1s, FRGS Fruska Gora, J05D Fort Rock, OR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRY Bratogost, GRA1 Grafenberg Arr, GRF Grafenberg Arr, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KULM, ODAN, KNRA, ZALV, RAMN, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like FORT ARU, ARU, EPYK, AB31, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ODBI, ODBI, GRER, BIR, etc.

Technical notes and instructions regarding signal quality and station identification, including phrases like 'IDC 03 04:37:38.2-0.6, 45:49N:27:86E, h0km, mb3.7/10'.

Table with columns: Code, Station Name, and Time Res. Includes stations like TUDR, CFR, and ODBI.

ISCJB 03 05:12:00.2-0.7, 38°22'N:04°14.74'E, h57km, 4km, mb3.6/11, MS3.5/1, Error ellipse: s-maj=10.5km s-min=5.7km az=13.6
NIED 03 05:12:00.38:20N:141.70E, h53km, Mw3.8 Best double couple: M₀.950000*10¹⁴ N₁P₁32.17.00000°, 82.00000°, λ109.00000°. NP₂0.6160000°, 872.00000°, 83.00000°. JMA 03 05:12:01.2-0.1, 38°23'N:141.70E, h51km, 1km, M4.0
Broadband fault plane solution: P waves. NP₁: 0.9, 0.0000°, 862.00000°, λ97.00000°. NP₂0.75, 0.00000°, 826.00000°, λ78.00000°. Principal axes: T P1g72.0000°, Azm294.00000°, N P1g66.00000°, Azm186.00000°; P P1g17.00000°, Azm94.00000°;
JMA F11 J1
IDC 03 05:12:00.9-1.0, 38°21'N:141°63'E, h78km, 8km, mb3.4/11, mb1.3/6.15, mb1mx3.5/49, mbtmp3.7/15, MS3.5/1, Ms1.3/5.1, ms1mx2.4/39 Error ellipse: s-maj=21.7km s-min=15.1km az=74.0
ISC 03 05:12:00.6-0.8, 38°23'N:04°14.185E, 0.07, h48km, 5km, n37°, 1985/46, mb3.7/11, 1C-12D, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JIKH	Ishinomakikobu	0.32	284	↑P	05 12 09.7	0.0
JIKH	Ishinomakikobu			Sn	05 12 15.6	+0.5
JIO	Ouri	0.45	299	↑P	05 12 11.7	-1.0
JIO	Ouri			Sn	05 12 17.7	-1.0
JKMT	Kesennumakawao	0.65	333	↑P	05 12 13.8	+0.6
JKMT	Kesennumakawao			Sn	05 12 22.2	+0.6
JOFO	Osakifurukawo	0.83	297	↑P	05 12 15.7	-0.2
JOFO	Osakifurukawo			Sn	05 12 26.4	+0.7
JMFK	Ichinoseki	0.87	326	↑P	05 12 16.7	+0.1
JMFK	Ichinoseki			Sn	05 12 27.6	+0.5
JMM	Marumori	0.91	247	↑P	05 12 16.0	-1.1
JMM	Marumori			Sn	05 12 26.8	-2.4
JOU	Okura	0.94	278	↑P	05 12 16.9	-0.7
JOU	Okura			Sn	05 12 28.3	-1.7
JFK	Kawauchi	1.16	222	↑P	05 12 19.8	-0.7
JFK	Kawauchi			Sn	05 12 33.1	-2.2
JOM	Hasahama	1.31	341	↑P	05 12 23.1	+0.6
JOM	Hasahama			Sn	05 12 25.5	+0.4
JYK	Kaneyama	1.36	301	↑P	05 12 22.5	-0.6
JYK	Kaneyama			Sn	05 12 38.1	-1.9
JFT	Otama	1.40	240	↑P	05 12 23.3	-0.4
JFT	Otama			Sn	05 12 39.2	-1.8
JYS	Shirataka	1.41	270	↑P	05 12 23.2	-0.6
JYS	Shirataka			Sn	05 12 35.0	-1.1
JRG	Rokugo	1.50	321	↑P	05 12 25.5	+0.4
JRG	Rokugo			Sn	05 12 37.6	-0.5
JYA	Atsumi	1.72	283	↑P	05 12 27.6	-0.5
JYA	Atsumi			Sn	05 12 51.4	+0.9
MJAR	Matsushiro Arr	3.36	241	↑P	05 13 35.8	+6.6
MJAR	Matsushiro			Sn	05 12 51.6	+1.0
MAT	Matsushiro	3.36	241	↑P	05 13 35.7	+6.5
MAT	Matsushiro			Sn	05 13 18.5	+0.2
JHJ	Hachijo jima 2	5.37	199	↑P	05 14 14.8	-4.0
JHJ	Hachijo jima 2			Sn	05 14 15.8	+0.7
USRK	Ussuriysk Arr	9.52	312	↑P	05 14 37.5	+1.7
USRK	Ussuriysk Arr			Sn	05 17 42.3	+0.4
KSRS	Korea Array	27.43	302	↑P	05 14 37.5	+1.7
KSRS	Korea Array			Sn	05 14 37.5	+1.7
SONM	Songino Array	27.43	302	↑P	05 14 37.5	+1.7
SONM	Songino Array			Sn	05 14 37.5	+1.7
H1N2	WAKE ISLAND Hy 28.49 123 T				05 48 02.8	
H1N1	WAKE ISLAND Hy 28.50 123 T				05 48 04.8	
H1N3	WAKE ISLAND Hy 28.50 123 T				05 48 05.5	
H1N1	WAKE ISLAND Hy 29.24 125 T				05 49 03.7	
H1N3	WAKE ISLAND Hy 29.24 125 T				05 49 00.5	
H1S2	WAKE ISLAND Hy 29.26 125 T				05 49 02.2	
ZALV	Zalesovo Beam 41.38 311 P				05 19 40.6	-1.2
ZALV	Zalesovo Beam 41.38 311 P				05 19 59.5	-0.6
MKAR	Makanchi Array 43.79 301 P				05 20 00.5	-1.1
MKAR	Makanchi Array 43.79 301 P				05 20 19.3	-0.6
AKTO	Aktuybinsk 58.14 312 LR				05 46 57.7	
WRA	Warramunga Arr 58.30 168 P				05 31 05.0	-0.5
WRA	Warramunga Arr 58.30 168 P				05 31 05.1	+1.7
ASAR	Alise Springs 58.32 168 P				05 31 05.1	-0.7
ASAR	Alise Springs 58.32 168 P				05 31 05.2	+0.2
YKA	Yellowknife Arr 62.60 31 P				05 23 25.6	-0.8
NOAS	NORSAR Array B 72.32 337 P				05 23 27.6	-0.8
AKAG	Malin Array Be 73.56 322 P				05 23 46.7	+0.4
PDAR	Pinedale Array 76.58 46 P				05 23 55.4	-0.5
BRTR	Keskin Array B 77.33 312 P				05 24 52.7	+1.5
TXAR	Lajitas Array 89.12 53 P				05 24 52.7	+1.5

IDC 03 05:23:20.7-1.0, 16°1'29S:177°47'E, h0km, mb4.1/6, mb1.3/6.15, mb1mx3.9/41, mbtmp4.1/6, MS3.8/15, Ms1.3/4.15, ms1mx3.6/33, Error ellipse: s-maj=4.2km s-min=25.2km az=147.0
ISCJB 03 05:23:24.3-0.6, 16°25'S:177°3E:0.1, h35km, mb4.0/6, MS3.8/15, Error ellipse: s-maj=32.6km s-min=10.7km az=146.3
NEIC 03 05:23:24.2-2.1, 16°3S:02°177.3E:0.2, h29km, 5km, mb4.3/11
GCMT 03 05:23:25.7-0.4, 16°19S:03°177.48E:0.02, h26km, 1km, MW4.9/68, Moment Tensor Solution. s21, c26; s68, c91; Duration: 0 Moment tensor: Scale 10¹⁶Nm; M₀.0.93; 20; Mw=6.82; 14; M₁ 1.04; 29; M₂ 1.85; 10; M₃ 0.07; 22; Best double couple: M₂2.47700*10¹⁶; NP₁0.250, 0.00000°, 875.00000°, λ-31.00000°; NP₂: 0.348, 0.00000°, 860.00000°, λ-1.300000°. Principal axes: T 2.6700, P1g10.0000°, Azm302.00000°, N -0.3880, P1g56.0000°, Azm46.00000°; P -2.2850, P1g32.0000°, Azm205.00000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 03 05:23:25.0-0.6, 16AS:02°177.4E:0.2, h35km, n37°, 1941/26, mb4.1/8, MS3.9/15, Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	11.82	240	eLR	05 29 14.6	
RAO	Raoul Island	13.51	162	LR	05 30 22.1	
HNR	Honiara	18.38	290	LR	05 34 00.9	
URZ	Urewera	21.80	181	LR	05 35 42.4	
RAR	Rarotonga	22.10	106	LR	05 34 52.4	
KRVT	Keravat (AS076)	27.68	293	LR	05 39 50.1	
RPZ	Rata Pea 190	28.19	190	LR	05 39 44.8	
PPT2	Papeete2	31.55	97	eLQ	05 36 35.7	
PPT2	Papeete2			eLR	05 38 02.5	
PPT	Papeete	31.55	97	LR	05 41 06.3	
TBI	Tibouani	31.84	108	eLR	05 36 51.2	
TBI	Tibouani			eLQ	05 38 04.5	
STKA	Stephens Creek	35.97	238	P	05 30 25.1	+1.9
STKA	Stephens Creek			LR	05 43 27.4	
WR1	Warramunga Arr	41.02	258	P	05 31 05.1	-0.7

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	41.02	258	P	05 31 05.1	-0.7
WRA	Warramunga Arr			LR	05 47 12.7	
AS31	Alise Springs	41.41	253	P	05 31 08.2	-0.8
ASAR	Alise Springs	41.41	253	P	05 31 09.2	+0.2
ASAR	Alise Springs			PcP	05 33 10.1	+3.4
ASAR	Alise Springs			S	05 31 06.9	-2.0
HPAH	Hawaii Prepara	44.79	37	P	05 31 36.6	+0.4
KNRA	Kunurra	46.70	24	P	05 31 48.7	-2.6
FORT	Forrest	47.11	243	P	05 31 54.7	+0.3
JCJ	Chichijima	55.12	321	LR	05 51 36.5	
JHJ	Hachijo jima 2	69.32	184	LR	05 54 02.5	
KSRS	Korea Array	74.95	320	LR	06 01 37.3	
QSPA	South Pole Qui	73.67	180	P	05 34 56.0	+0.5
QSPA	South Pole Qui			P	05 34 56.1	+0.5
QSPA	South Pole Qui			P	05 35 03.5	-2.3
QSPA	South Pole Qui			P	05 35 07.6	-0.9
SAO	San Andreas Ge	78.15	46	P	05 35 30.1	-1.3
PNO	Pinyon Flats O	80.21	51	P	06 03 51.3	
RFD	Reindeer	83.73	15	P	05 35 50.6	0.0
X16A	Lo Mia Camp, P	84.31	52	Iamb	05 35 54.9	+0.5
X16A	Lo Mia Camp, P			Iamb	05 35 58.1	
BCAR	Beaver Creek A	85.32	17	P	05 35 57.9	-0.7
IL31	Eielson Array	85.35	15	P	05 35 59.1	+0.5
ILAR	Eielson Array			P	05 35 58.4	-0.3
ILAR	Eielson Array			P	05 35 59.8	+1.1
PLID	Pearl Lake	85.83	41	P	05 36 01.3	-0.5
PLID	Pearl Lake			Iamb	05 36 16.0	
PV20	West Nyswonger	87.70	49	P	05 36 09.7	-1.4
TXAR	Lajitas Array	88.58	59	P	05 36 16.1	+0.8
TXAR	Lajitas Array			LR	06 07 37.6	
PLCA	Paso Flores	95.24	135	LR	06 17 28.1	

IDC 03 05:23:38.2-3.3, 21°09'S:179°28'W, h670km, 43km, mb2.8/5, mb1.3/0.5, mb1mx2.7/39, mbtmp3.9/5, Error ellipse: s-maj=31.9km s-min=18.4km az=3.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STKA	Stephens Creek	36.46	245	Op	05 29 50.1	-0.2
ASAR	Alise Springs	43.22	257	P	05 30 44.1	+0.1
ASAR	Alise Springs			S	05 36 26.3	+0.9
WRA	Warramunga Arr	43.34	263	P	05 30 44.9	+0.1
WRA	Warramunga Arr			S	05 36 27.4	+0.3
QSPA	South Pole Qui	68.98	180	P	05 33 39.2	+0.2
ILAR	Eielson Array	89.15	13	P	05 35 24.3	0.0

KRSK 03 05:45:19.5-0.8, 54°52'N:161°95'E, h8km, 4km, ML4.9, FELT (I) at GMS Semyachiki; (I) at GMS Kronaki. MOS 03 05:45:21.0-0.9, 54°54'N:161°7'E, h14km, mb3.6/32, Error ellipse: s-maj=6.9km s-min=3.6km az=72.5
ISCJB 03 05:45:25.9-0.4, 54°70'N:02°161'43'E:0.04, h60km, 3km, mb4.3/75, MS3.6/9, Error ellipse: s-maj=4.8km s-min=2.5km az=39.6
NEIC 03 05:45:26.9-1.4, 54°74'N:0°03'161'4E:0.1, h51km, 7km, mb4.5/169
IDC 03 05:45:27.2-6.6, 54°78'N:161°27'E, h58km, 25km, mb3.9/24, mb1.4/127, mb1mx3.0/49, mbtmp4.2/27, ML3.6/33, MS3.4/9, Ms1.3/4.9, ms1mx3.2/34, Error ellipse: s-maj=16.1km s-min=9.8km az=156.0
ISC 03 05:45:26.0-0.9, 54°54'N:02°161'82'E:0.03, h113km, 5km, n39S, 1998/445, mb4.6/10, MS3.4/9, 2C-1D, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MKZ	Mys Kozlova	0.05	285	eP	05 45 23.0	+0.2
MKZ	Mys Kozlova			Pg	05 45 20.0	+0.2
KVZ	Kizimen	1.05	304	eP	05 45 40.3	-0.6
KVZ	Kizimen			Pg	05 45 40.3	-0.6
TUMD	Tumrok D	1.05	309	eP	05 45 39.8	-1.1
TUMD	Tumrok			Sg	05 45 55.2	+0.6
TUMR	Tumrok	1.22	308	Sn	05 45 39.2	-1.3
KII	Karymskiy	1.48	251	eP	05 45 48.1	0.0
KII	Karymskiy			Sn	05 46 07.5	+0.9
KII	Karymskiy			Sn	05 45 48.1	0.0
KII	Karymskiy			Sn	05 46 07.5	+0.9
KMN	Kamenistaya	1.52	324	eP	05 45 48.5	+0.7
KMN	Kamenistaya			Sn	05 45 48.5	+0.7
BZGR	Bezymyanni-Gr	1.54	336	eP	05 45 48.7	+0.6
BZGR	Bezymyanni-Gr			Sn	05 46 08.9	+1.0
BZGR	Bezymyanni-Gr			Sn	05 45 48.7	+0.6
BZGR	Bezymyanni-Gr			Sn	05 46 08.9	+1.0
BZWR	Bezymyanni-We	1.59	332	eP	05 45 50.2	-0.3
BZWR	Bezymyanni-We			Pb	05 45 50.2	-0.3
KIRR	Kirishev	1.65	330	eP	05 45 50.4	+0.8
KIRR	Kirishev			Sn	05 46 13.4	+1.5
KIRR	Kirishev	1.65	330	Sn	05 45 48.1	0.0
KIRR	Kirishev			Sn	05 46 07.5	+0.9
KPT	Kopyto	1.69	328	eP	05 45 51.8	0.0
KPT	Kopyto			Pb	05 45 51.8	0.0
KBTR	Krutoberegovo	1.76	18	eP	05 45 51.7	-1.2
KBTR	Krutoberegovo			Sg	05 46 15.7	-1.6
KBTR	Krutoberegovo	1.76	18	Sn	05 45 51.7	-1.2
KBTR	Krutoberegovo			Sg	05 46 15.7	-1.6
KBG	Krutoberegovo	1.79	16	eP	05 45 52.6	-0.8
KBG	Krutoberegovo			Sg	05 46 16.2	-1.9
KBG	K					

3d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BPAW, KTH, TRF, CN2, TOLK, MCK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, BMO, MOD, MSO, PLID, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TPNV, PSUT, KSH, KSH, KSH, etc.

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3d 5h

Table with columns: NOA, comp, pmax, pmax, and various station names like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns: CMIG, comp, LR, LR, and various station names like MTO3 Montericito, MTO3 Montericito, MTO3 Montericito, etc.

Table with columns: OLIL, Olney, 24.83, 9, P, P, and various station names like V58A Windy Hill, Pi, V58A, V58A, etc.

LDG 03 05:54:14.6:0.1, 45:60N:3:68E, h14km, Md1.7/1, M1.7/10, Error ellipse: s-maj=1.5km s-min=1.1km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station names like LBL Lubihac, LBL Lubihac, LBL Lubihac, etc.

Table with columns: Z50A Ashland, Z50A Ashland, Z50A Ashland, and various station names like Z50A Ashland, Z50A Ashland, Z50A Ashland, etc.

Table with columns: ECSD, ECSD, ECSD, ECSD, and various station names like ECSD EROS Data, ECSD EROS Data, ECSD EROS Data, etc.

IDC 03 05:56:18.9:0.9, 14:20N:92:95W, h0km, mb3.9/12, mb1.4/21.7, mb1mx4.0/40, mbtmp4.0/17, ML3.5/4, MS3.2/2, MS1.3/2.2, ms1mx2.9/20, Error ellipse: s-maj=2.0km s-min=1.1km az=35.0

ISCJB 03 05:56:19.7:0.3, 14:26N:0:04:92:98W:0:03, h10km, mb3.8/11, MS3.5/1, Error ellipse: s-maj=6.2km s-min=2.8km az=32.3

MEX 03 05:56:21.6:0.5, 14:09N:93:14W, h6km, 101km, MD4.2 SNET 03 05:56:22.8:0.5, 13:64N:92:94W, h30km, ML3.8

GCG 03 05:56:23.0:0.8, 14:20N:93:02W, h25km, 695km, MD4.7 UCR 03 05:56:23.4:1.4, 14:22N:92:86W, h110km, 30km, MD4.3, ML3.9

NEIC 03 05:56:25.2:0.2, 14:26N:0:07:93:04W:0:05, h35km, 3km ISC 03 05:56:21.1:0.6, 14:20N:0:06:93:03W:0:05, h10km, 178, s-maj=1175, mb4.3/50, Az=35.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station names like THG Santiaguato 3, THG Santiaguato 3, THG Santiaguato 3, etc.

Table with columns: AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, and various station names like AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, etc.

Table with columns: WEL 03 05:56:55.9:1.2, 38°S:10°:18'00"W, h33km, M3.9/36, ML4.2/24, MLV3.9/36, Error ellipse: s-maj=0.0km s-min=0.0km az=22.2, East of North Island

Table with columns: ICRZ, Name, RA, Dec, P, S, and other parameters. Includes stations like Makatiti, Cape Kidnapper, Kaharoa, etc.

Table with columns: VIS, Name, RA, Dec, P, S, and other parameters. Includes stations like VIS, BHPL, DHRM, etc.

Table with columns: PRZ, Name, RA, Dec, P, S, and other parameters. Includes stations like Przheval'sk, Naryn, etc.

ICD 03 06:12:37.9-0.4, 27:34N-88:54E, h0km, mb4.7/32, mb1 4.8/34, mb1mx4.8/37, mbtmp4.7/34, ML4.2/2, MS3.9/24, Ms1 3.9/24, ms1mx3.7/38, Error ellipse: s-maj=13.3km s-min=10.6km az=45.0

CD2 Chengdu 13.83 71 P S Pn 06 15 54.2 -1.6 SNR=46

PRZ Przheval'sk 17.22 334 P Pn 06 16 40.9 +0.7

Table with columns: Code, Station Name, RA, Dec, P, S, and other parameters. Includes stations like TAPN, ODAN, GUN, etc.

Table with columns: VIS, Name, RA, Dec, P, S, and other parameters. Includes stations like VIS, BHPL, DHRM, etc.

Table with columns: PRZ, Name, RA, Dec, P, S, and other parameters. Includes stations like Przheval'sk, Naryn, etc.

3d 6h

QIZ	comp=Z,24nm,0.9s		pmax	pmax			
QIZ	comp=Z,290nm,6.2s		LR	LR			
QIZ	comp=Z,490nm,13.9s		LR	LR			
QIZ	comp=Z,430nm,17.5s		LR	LR			
QIZ	21.29 108	P	P	P	06 17 26.1	-0.2	
KK31	21.45 322	i	P	P	06 17 28.0	+0.2	
KK31	comp=Z,18nm,0.8s						
KKAR	21.45 322	P	P	P	06 17 27.4	-0.4	
KKAR	21.45 322	P	P	P	06 17 27.8	0.0	
KKAR	comp=Z,55nm,1.3s		pmax	pmax			
KKAR	21.45 322	P	P	P	06 17 27.8	0.0	
KKAR	21.45 322	P	P	P	06 17 28.1	+0.2	
KKAR	comp=Z,55nm,1.3s		IAMB	IAMB	06 17 32.1		
TRTT	22.10 149	P	P	P	06 17 44.5	+1.0	
BTO	22.18 48	eP	P	P	06 17 33.6	-2.1	
BTO	comp=Z,2.7nm,0.6s		S	S	06 21 32.6	-6.7	
WHN	22.86 76	S	P	P	06 17 38.4	-4.5	
WHN	comp=Z,2.7nm,0.6s		LR	LR	06 21 42.7	-8.9	
WHN	comp=Z,2.7nm,0.6s		LR	LR			
WHN	comp=Z,2.7nm,0.6s		LR	LR			
HHC	23.32 49	eP	P	P	06 17 47.5	-0.2	
HHC	comp=Z,9.0nm,0.9s		pmax	pmax			
HRA	23.55 294	P	P	P	06 17 50.5	+0.3	
MNCI	23.91 220	P	P	P	06 17 52.6	-0.8	
MNCI	comp=Z,180nm,1.3s		IAMB	IAMB	06 17 53.6		
OTUK	24.38 333	i	P	P	06 17 57.8	+0.2	
OTUK	comp=Z,26nm,0.8s		pmax	pmax			
KURBB	24.48 345	P	P	P	06 17 58.4	0.0	
KURBB	comp=Z,14nm,0.6s		baz=167,slow=8.4,SNR=39				
KURBB	comp=Z,2.7nm,0.6s		baz=178,slow=2.0,SNR=7.1				
KURBB	comp=Z,0.7nm,0.5s		baz=177,slow=2.3,SNR=4.9				
KURK	24.54 345	P	P	P	06 17 58.8	-0.2	
KURK	comp=Z,44nm,1.1s		pmax	pmax			
KURK	24.54 345	P	P	P	06 17 58.8	-0.2	
KURK	comp=Z,44nm,1.1s		IAMB	IAMB	06 18 00.5		
SONA0	24.81 30	P	P	P	06 18 02.1	+0.5	
SONM	24.81 30	P	P	P	06 18 02.1	+0.5	
SONM	comp=Z,1.5nm,0.5s		baz=200,slow=3.4,SNR=4.5				
SONM	comp=Z,0.6nm,0.6s		baz=214,slow=4.9,SNR=2.9				
SONM	comp=Z,377nm,20.4s		baz=232,slow=40				
SONM	24.81 30	P	P	P	06 18 02.1	+0.5	
SONM	25.13 30	P	P	P	06 18 04.5	0.0	
SONM	comp=Z,38nm,0.8s		pmax	pmax			
ULN	25.13 30	P	P	P	06 18 04.4	+0.2	
ULN	25.13 30	P	P	P	06 18 04.5	0.0	
ULN	comp=Z,38nm,0.8s		IAMB	IAMB	06 18 14.4		
ULN	25.13 30	P	P	P	06 18 04.4	+0.2	
ULN	25.13 30	P	P	P	06 18 04.5	0.0	
ULN	comp=Z,38nm,0.8s		IAMB	IAMB	06 18 14.4		
KCSI	25.28 158	P	P	P	06 18 06.3	+0.3	
ZAK	25.66 22	eP	P	P	06 18 09.8	+0.5	
ZAK	comp=Z,19nm,1.0s		pmax	pmax			
BRZS	25.67 336	eP	P	P	06 18 09.6	+0.4	
BRZS	comp=Z,71nm,1.4s		MLR	MLR			
BRZS	comp=Z,209nm,12.0s		MLR	MLR			
BRZS	25.67 336	eP	P	P	06 18 09.7	+0.4	
BRZS	comp=Z,70nm,1.4s		MLR	MLR			
BRZS	comp=Z,209nm,11.8s		eLR	LR	06 29 42.9		
IPM	25.68 150	P	P	P	06 18 09.2	-0.4	
TIA	25.85 63	P	P	P	06 18 11.4	+0.4	
TIA	comp=Z,17nm,1.1s		pmax	pmax			
BJT	26.18 54	P	P	P	06 18 14.7	+0.7	
BJT	comp=Z,18nm,1.2s		pmax	pmax			
BJT	26.18 54	P	P	P	06 18 14.7	+0.7	
BJI	26.20 54	P	P	P	06 18 14.5	+0.4	
BJI	comp=Z,10.0nm,0.9s		pmax	pmax			
BJI	comp=Z,1.1um,9.9s		LR	LR			
BJI	comp=Z,1.1um,11.2s		LR	LR			
BJI	comp=Z,1.1um,11.2s		LR	LR			
PSI	26.35 156	P	P	P	06 18 17.5	+1.7	
PSI	comp=Z,720nm,21.6s						
PSI	comp=Z,225nm,19.9s		baz=20,slow=42				
RPSI	26.45 156	P	P	P	06 18 16.8	+0.2	
ZAA0	26.74 355	P	P	P	06 18 18.7	-0.2	
ZALV	26.74 355	P	P	P	06 18 19.0	+0.2	
ZALV	comp=Z,9.7nm,0.5s		baz=180,slow=9.2,SNR=35				
ZALV	comp=Z,722nm,19.2s		baz=248,slow=40				
ZALV	26.74 355	P	P	P	06 18 18.7	-0.2	
ZAA1	26.74 355	P	P	P	06 18 19.0	+0.2	
NJ2	26.77 72	eP	P	P	06 18 21.8	+2.5	
NJ2	comp=Z,9.0nm,0.5s		pmax	pmax			
NJ2	comp=Z,1.1um,22.6s		LR	LR			
NJ2	comp=Z,580nm,23.6s		LR	LR			
NJ2	comp=Z,700nm,24.4s		LR	LR	06 29 50.6		
TLY	26.89 21	LR	LR	LR	06 29 50.6		
TLY	comp=Z,636nm,19.7s		baz=227,slow=38				
TLY	26.89 21	eP	P	P	06 18 20.9	+0.6	
TLY	comp=Z,15nm,0.8s		pmax	pmax	06 22 52.6	-3.4	
TLY	comp=Z,15nm,0.8s		MLR	MLR			
GSJ	27.30 160	P	P	P	06 18 26.9	+2.7	
GEYT	27.56 300	P	P	P	06 18 28.1	+1.6	
GEYT	comp=Z,28nm,1.0s		baz=119,slow=6.8,SNR=27				
GEYT	comp=Z,4.2nm,0.6s		baz=73,slow=4.8,SNR=3.4				
GEYT	27.56 300	P	P	P	06 31 43.0		
GEYT	comp=Z,156nm,20.2s		baz=120,slow=42				
GEYT	27.56 300	P	P	P	06 18 28.4	+1.9	
GYA0B	27.56 300	P	P	P	06 18 28.2	+1.8	
GYA0B	comp=Z,2.9nm,0.5s		baz=146,slow=2.6,SNR=6.7				
GYA0B	comp=Z,2.4nm,1.0s		baz=159,slow=4.3,SNR=3.6				
BVA0	28.99 337	P	P	P	06 18 39.2	+0.2	
BVA0	comp=Z,3.8nm,0.5s		baz=144,slow=9.0,SNR=19				
BVA0	28.99 337	P	P	P	06 18 39.2	+0.2	
BVA0	comp=Z,2.9nm,0.5s		baz=146,slow=2.6,SNR=6.7				
BVA0	28.99 337	P	P	P	06 21 48.3	+1.0	
BVA0	comp=Z,2.4nm,1.0s		baz=159,slow=4.3,SNR=3.6				
UOSS	29.02 273	P	P	P	06 18 39.3	-0.3	
BRVK	29.05 337	i	P	P	06 18 39.6	0.0	
BRVK	comp=Z,5.0nm,1.0s		pmax	pmax			
BRVK	29.05 337	P	P	P	06 18 39.5	0.0	
AB31	31.02 323	i	P	P	06 18 57.4	+0.5	
AB31	comp=Z,6.0nm,0.6s		pmax	pmax			
AB31	31.02 323	P	P	P	06 18 57.1	+0.1	
AB31	comp=Z,3.0nm,1.4s		IAMB	IAMB	06 18 58.7		
AB31	comp=Z,2.4nm,0.7s		baz=136,slow=3.9,SNR=3.6				
AB31	31.02 323	P	P	P	06 18 57.0	0.0	
KSM	33.15 137	P	P	P	06 19 14.0	-2.0	
KSM	comp=Z,18nm,1.1s		IAMB	IAMB	06 19 26.4		

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SBUM	Sibu	33.59 133	P	P	06 19 19.2	-0.7	
CN2	Changchun	33.95 51	eP	S	06 19 22.8	+0.1	
CN2	comp=Z,20nm,1.2s		esP	pS	06 19 30.0	-1.4	
CN2	comp=Z,1.1um,17.0s		es	S	06 24 46.4	-0.3	
CN2	comp=Z,20nm,1.2s		pmax	pmax			
CN2	comp=Z,1.1um,17.0s		LR	LR			
CN2	comp=Z,460nm,17.0s		LR	LR			
CN2	comp=Z,730nm,15.0s		LR	LR			
KSR5	Korea Array	34.60 63	P	P	06 19 27.1	-1.3	
KSR5	comp=Z,1.9nm,0.4s		baz=259,slow=8.2,SNR=8.6				
KSR5	comp=Z,72nm,18.8s		baz=250,slow=35				
LKRN	Lenkeran, Azer	34.92 299	P	P	06 19 32.7	+0.9	
BOD	Bodaibo	35.38 23	eP	P	06 19 35.0	+0.1	
BOD	comp=Z,2.1nm,1.1s		pmax	pmax			
SVE	Sverdlövsk	35.52 334	eP	P	06 19 37.2	+1.0	
SVE	comp=Z,18nm,0.8s		pmax	pmax			
SVE	comp=Z,372nm,11.0s		MLR	MLR			
ARU	Arti	36.10 332	LR	LR	06 35 47.1		
ARU	comp=Z,263nm,20.6s		baz=126,slow=38				
ARU	36.10 332	P	P	P	06 19 40.7	-0.4	
ARU	comp=Z,13nm,0.5s		pmax	pmax			
ARU	36.10 332	P	P	P	06 19 40.7	-0.4	
ARU	comp=Z,12nm,0.5s		IAMB	IAMB	06 19 49.6		
SEKA	Sheki	36.47 303	P	P	06 19 46.3	+1.7	
ZKTA	Zakata	36.97 304	P	P	06 19 51.1	+2.3	
GANJ	Ganja	37.05 302	P	P	06 19 51.2	+0.3	
NAX	Nakhchivan	37.52 300	P	P	06 19 55.5	+2.1	
GROC	Groznyy	37.84 306	eP	P	06 19 55.8	-0.3	
GROC	comp=Z,2.1nm,1.1s		e	P	06 21 21.2		
GROC	comp=Z,67nm,0.9s		pmax	pmax	06 22 12.3		
GNI	Garni	38.19 301	eP	P	06 20 00.1	+0.8	
GNI	comp=Z,147nm,1.3s		pmax	pmax			
GNI	38.19 301	P	P	P	06 20 01.9	+2.6	
GNI	comp=Z,60nm,1.4s		IAMB	IAMB	06 20 04.3		
TBLG	Delisi	38.38 304	P	P	06 19 58.9	-1.8	
TBLG	comp=Z,9.0nm,0.6s		pmax	pmax			
TBLG	38.38 304	P	P	P	06 19 58.9	-1.8	
TBLG	38.63 52	P	P	P	06 20 03.3	+0.6	
USAOB	Ussuriysk Arra	38.63 52	P	P	06 20 03.3	+0.6	
USAOB	comp=Z,7.0nm,1.0s		pmax	pmax			
USAOB	38.63 52	P	P	P	06 20 03.3	+0.6	
USAOB	38.63 52	P	P	P	06 20 02.4	-0.3	
USAOB	comp=Z,4.2nm,0.8s		baz=260,slow=8.9,SNR=6.2				
USRK	Ussuriysk Ar.	38.63 52	P	P			

AREO	ARESS Array S	55.28 338	fP	P	06 22 11.7	-0.7
AGG	Agios Georgios	55.49 300	P	Pmax	06 22 14.1	-0.3
AGG	comp=Z,49nm,0.8s					
SKO	Agios Georgios	55.49 300	P	P	06 22 14.1	-0.3
SKO	Kajolingrad	55.73 304	P	P	06 22 16.4	+0.3
KLNR	Kajolingrad	55.74 319	iP	P	06 22 15.1	-0.8
KLNR						
KTK1	Kautokeino	55.94 337	eP	P	06 22 16.2	-0.9
QJC	Ojcow	56.10 314	P	Pmax	06 22 18.8	+0.2
QJC						
QJC	comp=Z,9.0nm,0.7s					
QJC	Ojcow	56.10 314	eP	P	06 22 18.8	+0.2
QJC						
QJC	Ojcow	56.10 314	P	P	06 22 18.8	+0.2
HAMF	Hammerfest	56.17 339	eP	P	06 22 18.5	-0.2
PSZ	Piszkesteto	56.19 311	P	Pmax	06 22 19.5	+0.1
PSZ						
PSZ	comp=Z,20nm,1.3s					
PSZ	Piszkesteto	56.19 311	P	IAMB	06 22 19.6	+0.1
PSZ						
PEA1	comp=Z,20nm,1.3s					
PETK	Petrovlovsk-Petrovlovsk	56.33 43	P	P	06 22 19.9	+0.3
PETK		56.33 43	P	P	06 22 19.9	+0.3
PETK	comp=Z,2.8nm,0.6s,baz=291,slow=1.7,SNR=5.6					
PETK						
LANS	Liptovska Anna	56.38 313	eP	P	06 22 21.5	+0.8
LANS						
LANS	comp=Z,6.0nm,1.4s					
LANS	Liptovska Anna	56.38 313	eP	P	06 22 21.5	+0.8
KMBO	Kilima Mbogo	56.75 249	P	P	06 22 24.6	+0.6
KMBO						
KMBO	comp=Z,1.1nm,0.4s,baz=50,slow=8.3,SNR=4.2					
KMBO	Kilima Mbogo	56.75 249	P	Pmax	06 22 25.0	+1.0
KMBO						
KMBO	comp=Z,1.0nm,0.4s					
KMBO	Kilima Mbogo	56.75 249	P	P	06 22 23.9	-0.1
VYHS	Vyhne	56.85 312	eP	Pmax	06 22 24.4	+0.4
VYHS						
VYHS	comp=Z,17nm,1.4s					
VYHS	Vyhne	56.85 312	eP	P	06 22 24.4	+0.4
TIR	Tirane	56.99 303	P	Pmax	06 22 24.6	-0.5
TIR						
TIR	comp=Z,36nm,0.6s					
OKC	Ostrava-Krasne	57.19 313	eP	P	06 22 26.8	+0.5
OKC						
OKC	Ostrava-Krasne	57.19 313	eP	P	06 22 26.8	+0.5
MORH	Mirgy, Hungary	57.21 309	eP	P	06 22 26.1	-0.5
PDG	Podgorica	57.27 305	eP	P	06 22 26.9	-0.1
PSA00	Pilbara Seismi	57.30 145	P	P	06 22 27.2	-0.1
TRO	Tromso	57.55 337	eP	P	06 22 27.5	-1.0
MORC	Moravsky Berou	57.59 313	P	Pmax	06 22 29.3	+0.1
MORC						
MORC	comp=Z,25nm,1.3s					
MORC	Moravsky Berou	57.59 313	fP	P	06 22 29.1	-0.1
MORC						
MORC	Moravsky Berou	57.59 313	eP	P	06 22 29.3	+0.5
MORC						
MORC	Moravsky Berou	57.59 313	P	IAMB	06 22 29.3	+0.1
MORC						
JAVC	comp=Z,24nm,1.3s					
JAVC	Velka Javorina	57.59 312	eP	P	06 22 30.4	+1.2
TIH	Tihany	57.65 310	eP	P	06 22 35.1	+5.5
FITZ	Fitzroy Crossi	57.77 137	P	P	06 22 31.0	+0.3
MODS	Modra-Piesok	57.90 312	eP	P	06 22 31.1	-0.3
MODS						
MODS	Modra-Piesok	57.90 312	eP	P	06 22 31.1	-0.3
KNRA	Kunurra	57.92 133	P	P	06 22 31.6	-0.2
KNRA						
VRAC	Vranov	58.25 313	fP	P	06 22 34.6	+0.8
VRAC						
VRAC	Vranov	58.25 313	fP	P	06 22 34.6	+0.8
KSP	Ksiaz	58.29 315	eP	P	06 22 34.8	+0.6
KSP						
KSP	Ksiaz	58.29 315	eP	P	06 22 34.6	+0.6
KSP						
KSP	Ksiaz	58.29 315	eP	P	06 22 34.6	+0.6
DPC	Dobruska-Polom	58.31 314	eP	MLR	06 22 35.3	+1.0
DPC						
DPC	comp=Z,300nm,15.4s					
DPC	Dobruska-Polom	58.31 314	eP	P	06 22 35.3	+1.0
DPC						
DPC	Dobruska-Polom	58.31 314	eP	P	06 22 37.9	-2.9
DPC						
KRUC	comp=Z,300nm,15.4s					
BLY	Moravsky Banja Luka	58.40 313	fP	P	06 22 35.3	+0.4
BLY						
BLY	Banja Luka	58.42 308	fP	P	06 22 35.8	+0.7
BLY						
BLY	Banja Luka	58.42 308	fP	P	06 22 34.9	-0.1
BLY						
CHVC	Chvacek	58.46 315	eP	P	06 22 35.7	+1.6
UPC	Uvice	58.50 314	eP	MLR	06 22 37.1	+1.6
UPC						
UPC	comp=Z,300nm,17.8s					
UPC	Uvice	58.50 314	eP	P	06 22 37.1	+1.6
UPC						
CONA	Conrad Observa	58.89 311	iP	P	06 22 39.1	+0.6
MORR	Mol Rana	58.90 333	eP	P	06 22 37.4	-0.6
ARZA	Arzberg	59.21 311	P	P	06 22 40.4	-0.2
GROS	Grobnik	59.34 310	iP	P	06 22 41.8	+0.3
LOF	Lofoten	59.34 335	eP	P	06 22 41.1	+0.1
GOPC	GOP Pecny, Ondr	59.34 314	AMS	AMS	06 50 30.0	
PVCC	Panska Ves	59.41 315	AMS	AMS	06 50 30.0	
KONS	Konsvik	59.44 333	eP	P	06 22 42.6	+0.9
CRES	Cresnjevi	59.46 309	iP	P	06 22 42.8	+0.5
PRU	Pruhonic	59.49 314	eP	MLR	06 22 43.1	+0.7
PRU						
PRU	comp=Z,300nm,15.3s					
PRU	Pruhonic	59.49 314	eP	P	06 22 43.1	+0.7
PRU						
PRU	comp=Z,300nm,15.3s					
PRU	Prague	59.55 314	AMS	AMS	06 50 40.0	
SOKA	Soboth	59.62 310	iP	P	06 22 43.9	+0.4
TIP	Timpagrande	59.72 301	P	P	06 22 44.1	-0.2
PKDS	Podkum	59.74 309	iP	P	06 22 44.7	+0.4
NSS	Namsos	59.91 331	eP	P	06 22 45.6	+0.6
MOA	Molin	59.97 312	iP	P	06 22 45.8	+0.0
NC405	NORSAR Array S	60.13 327	P	P	06 22 46.5	-0.1
GER2	GERESS Array B	60.19 313	P	IAMB	06 22 46.9	-0.5
GER2						
GERES	comp=Z,18nm,1.1s					
GERES	GERESS Array B	60.19 313	P	P	06 22 47.8	+0.4
GERES						
GERES	comp=Z,9.2nm,0.9s,baz=79,slow=6.9,SNR=28					
GERES						
GERES	comp=Z,117nm,18.1s,baz=90,slow=4.1					
GERES	KHC	60.19 313	P	P	06 22 47.9	+0.2
KHC						
KHC	Kasperske Hory	60.23 313	e	MLR	06 22 54.4	
KHC						
KHC	Kasperske Hory	60.23 313	eP	MLR	06 22 47.8	+0.2
KHC						
KHC	Kasperske Hory	60.23 313	eP	x	06 22 54.4	
KHC						
KHC	Kasperske Hory	60.23 313	eP	x	06 23 03.3	
KHC						
KHC	Kasperske Hory	60.23 313	eP	AMS	06 51 10.0	
KHC						
KHC	comp=Z,200nm,17.4s					
KHC	Kasperske Hory	60.23 313	eP	P	06 22 47.8	+0.2
KHC						
KHC	Kasperske Hory	60.23 313	P	P	06 22 47.3	-0.3
NC602	NORSAR Array S	60.23 327	eP	P	06 22 46.8	-0.5
NC602						
NC602	NORSAR Array S	60.23 327	P	IAMB	06 22 46.7	-0.6
NC602						
NORES	comp=Z,56nm,1.4s					
NORES	NORESS Array B	60.23 327	P	Pmax	06 22 46.7	-0.6
NORES						
NORES	comp=Z,9.0nm,0.5s					
NC303	NORSAR Array S	60.29 327	P	IAMB	06 22 47.6	-0.1
NC303						
NC303	comp=Z,30nm,0.8s					
CLL	Collim	60.30 316	iP	Pmax	06 22 46.9	-1.0
CLL						
CLL	comp=Z,12nm,1.3s					
CLL	Collim	60.30 316	iP	MLR	06 22 46.9	-1.0
CLL						
CLL	comp=Z,300nm,20.1s					
CLL	Collim	60.30 316	iP	P	06 22 46.9	-1.0
CLL						
CLL	comp=Z,12nm,1.3s					
CLL	Collim	60.30 316	iP	ePP	06 25 00.0	-0.7
CLL						
CLL	comp=Z,300nm,20.1s					
CLL	Collim	60.30 316	P	P	06 22 47.6	-0.3
NB201	NORSAR Array S	60.34 327	P	P	06 22 47.9	-0.2
NB2	NORSAR Subarra	60.38 327	P	P	06 22 47.4	-1.0

NB2	NORSAR Subarra	60.38 327	P	P	06 22 47.4	-1.0
NB20A	NORSAR Array B	60.38 327	P	P	06 22 48.0	-0.3
NB20A						
NB20A	comp=Z,14nm,0.9s,baz=87,slow=6.7,SNR=22					
BILL	Bilibino	60.41 251	eP	P	06 22 47.7	-0.8
BILL						
BILL	Bilibino	60.41 251	eP	P	06 22 47.7	-0.8
BILL						
BILL	comp=Z,18nm,1.3s					
BILL	Bilibino	60.41 251	P	IAMB	06 22 48.9	+0.4
BILL						
NA001	NORSAR Array S	60.55 327	P	IAMB	06 22 48.4	-1.1
NA001						
NA001	comp=Z,26nm,0.8s					
CEL	Celeste	60.58 300	P	P	06 22 49.7	-0.5
NC204	NORSAR Array S	60.58 327	IAMB	P	06 22 48.9	-0.8
NC204						
NC204	comp=Z,41nm,1.1s					
WET	Wetzell	60.68 313	P	P	06 22 51.4	+0.7
KBA	Koelnbreinsper	60.70 311	eP	P	06 22 50.9	-0.1
KBA						
KBA	comp=Z,7.4nm,0.5s					
KONO	Kongsberg	61.28 325	eP	Pmax	06 22 54.0	-0.5
KONO						
KONO	comp=Z,28nm,1.3s					
KONO	Kongsberg	61.28 325	eP	P	06 22 54.3	+0.1
KONO						
KONO	Kongsberg	61.28 325	eP	P	06 22 53.5	-1.6
KONO						
DOMB	Dombas	61.33 328	eP	P	06 22 54.5	-0.3
AQU	L'Aquila	61.55 305	P	Pmax	06 22 57.6	+0.9
AQU						
AQU	comp=Z,100nm,1.5s					
AQU	L'Aquila	61.55 305	P	P	06 22 57.6	+0.9
NRCA	Norcica	61.66 306	P	IAMB	06 22 57.4	-0.1
NRCA						
NRCA	comp=Z,28nm,1.0s					
NRCA	Norcica	61.66 306	P	IAMB	06 22 57.8	-0.8
WTTA	Wattenberg	61.82 311	iP	P	06 22 57.8	-0.8
WTTA						
WTTA	comp=Z,12nm,0.9s					
SKAR	Skarstia	61.83 327	eP	P	06 22 58.5	+0.3
MBAR	Mbarara	61.95 253	P	Pmax	06 22 58.5	-1.4
MBAR						
MBAR	comp=Z,17nm,1.4s					
MBAR	Mbarara	61.95 253	P	IAMB	06 22 58.5	-1.4
MBAR						
MORW	Morawa	61.98 153	P	IAMB	06 22 59.3	-0.2
MORW						
MORW	comp=Z,9.7nm,0.7s					
MOL	Molde	61.99 329	eP	P	06 22 59.8	+0.6
MURB	Monte Urbino	61.99 307	P	P	06 23 00.1	+0.5</

Table of astronomical observations for 3d 6h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing station names, coordinates, and observation details.

ISC 03 06:25:56.3±0.8, 50.27N±0.04, -18.79E±0.02, h0km, n18, 0655/39, Poland

Table of seismic event data for ISC 03 06:25:56.3±0.8, 50.27N±0.04, -18.79E±0.02, h0km, n18, 0655/39, Poland.

ISC/JB 03 06:53:04.3±2.8, 13.13N±0.1, -89.94W±0.08, h22km, 14km, Error ellipse: s-maj=27.4km s-min=7.1km az=25.3

SNET 03 06:53:06.2±0.9, 13.22N±89.89W, h15km, 999km, ML2.3

CGG 03 06:53:06.2±0.8, 14.38N±89.33W, h50km, 34km, MD3.4

ISC 03 06:53:05.6±4.1, 13.22N±0.2, -89.92W±0.09, h23km±23km, n12, 0655/17, El Salvador

Table of seismic event data for ISC/JB, SNET, CGG, and ISC 03 06:53:05.6±4.1, 13.22N±0.2, -89.92W±0.09, h23km±23km, n12, 0655/17, El Salvador.

SOME 03 06:59:17.4, 39.68N±76.03E, h10km, MS3.7

IDC 03 06:59:22.6±0.9, 39.76N±75.93E, h0km, mb3.9/1.1, m1 4.0/18, mb1mx3.9/53, mbtmp3.9/18, ML3.4/6, MS3.4/16, Mb1 3.5/16, ms1mx3.1/59, Error ellipse: s-maj=16.9km s-min=16.2km az=55.0

NEIC 03 06:59:24.2±2.7, 39.67N±0.07, 76.08E±0.07, h12km±4km, mb4.1/1.0

KRNET 03 06:59:24.4±0.1, 39.93N±76.09E, mb4.3

BUI 03 06:59:24.0±0.0, 40.05N±76.08E, h10km, mb4.1/4, ML4.2/7

NINC 03 06:59:25.4±1.4, 40.07N±76.02E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=11.0km s-min=8.7km az=145.0

ISC 03 06:59:25.4±1.1, 39.97N±0.03, -76.08E±0.03, h12km, n163, 0659/14/195, mb3.9/12, MS3.4/12, 46C-20D, Southern Xinjiang

Table of seismic event data for SOME, IDC, NEIC, KRNET, BUI, NINC, ISC 03 06:59:25.4±1.1, 39.97N±0.03, -76.08E±0.03, h12km, n163, 0659/14/195, mb3.9/12, MS3.4/12, 46C-20D, Southern Xinjiang.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, RUBB Prince Rupert, PAXON Paxson, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like mb3.4/4, KRSC 03 07:56:25.1, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, FINES FINS Array B, LPAZ La Paz, etc.

3d 10h

Table with columns for station code, name, coordinates, and time. Includes stations like LN55, FDMO, CESI, CSPI, CAMP, ARRO, TERO, MDAR, OFFI, MNTP, MOMA, T1014, GAGI, CESX, AQU, SNTG, ATCC, TRTR, CING, FAGN, GUMA, MURB, SSFR.

Table with columns for station code, name, coordinates, and time. Includes stations like ATTE, ARVD, SRES, MGAB, FRON, ATVO, MTCE, COR1, ATPI, PIEI, MPAG, SACS, FSSB, BADI, LPEL, RDP, MCIV, PESA, GIUL, MIDA, TRIF, DUGI, ZIRJ, MORI, NVLJ, HVAR, UDBI, KJUV, IMAKA, STON, OBKA, ABTA, IMI, NEGI, KBA.

Table with columns for station code, name, coordinates, and time. Includes stations like STV, FETA, WTTA, SQTA, DAVA, MOA, ROM, FEMA, SAN MARTINO, FIORDIMONTE, CESSAPALOMBO, ARRONNE, TERAMO, OFFIDA, MONTAPPONE, MADONNA DELLE, GAGLIOLLE, CESA, AQUILA, ESANATOGIA, AVT-CASA, TORRETORE ALTA, CINGOLI, FAGNANO, GUALDO DI MACE, MONTE URBINO, MONTI, MANTOVA, SEBORGIA, KOELNBREINSPER, ORHANEI, KARACABEY, MUDANYA-BURSA, ULUDA, BURSA, ARNUTLU, DURSUNBEY, GEMLIK, IZNIK, EDINCIK, YALOVA, BALIKESIR, GONEN-BALIKESI, BUYUKADA, BUYUKBASA, TAVSANLI, ABDULVAHAP, CAVUSKOP, BATA, BARMARA ADASI, SIMAV-KUTAHYA, KANDILLI-ISTAN, ISTANBUL-KANDI, SIMAV-KUTAHYA, BALIKESIR-SAVA, HEREKE, CATALCA, BOGAZKOP, KARABIGA-CANAK, SAPHANE-KUTAHYA, KESTANELIK-?TA, GEZID, KILYOS, KILYIYI, SILIVRI, CORLU, SAKARYA-GEYVE, TEKIRDAG, SARKOVY-TEKIRDA, EKISEHIR, SAPANCA-ADAPAZ, AKHISAR, UAK-MERKEZ, SERDIVAN-SAKAR, GULVEREN, SARICAKAYA, SARICAKAYA, SARICAKAYA, LAKPESE, KOCAELI-KANDIR, KULA-MANISA, MANISA, KIRKA-SEYITGA, ZMIR-BERGAMA, DIKILI, TAYFUR-GELOBOL, AYYALIK, AYYA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include DDMP Don Marcelino, SKMP Bagumbayan, MATI Mati, CTBH Cotabato-PC, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eilsion Array.

KRSC 03 14:12:46.1±1.2, 53°47N, 161°18E, h40km, 19km, ML3.9
ISC/JB 03 14:12:48.1±0.5, 48°N, 161°04E, 11.0±0.09, h46km, 10km, mb3.6/3, Error ellipse: s-maj=10.7km

IDC 03 14:12:53.9±1.5, 54°56N, 158°91E, h0km, mb3.5/3, mb1.3/3, mb1mx3.4/30, mbtmp3.5/3, Error ellipse: s-maj=42.0km s-min=14.7km az=113.0
ISC 03 14:12:47.8±1.9, 53.47°N, 0.06±161.20°E, 0.06, h37km, 2km, n1, c0.95/45, mb3.4/3, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SPN Mys Shipunski, MKZ Nys Kozlova, NLC Malytcheva, KII Karymskiy, SDLR Sedlovina, UGLR Uglovaia, SMAR Somma, KRYR Koryakskii, AVH Avacha, KRX Arik, DALX Dalny, KOK Koryaka, PET Petropavlovsk, KZV Kizimen, TUMD Tumrok D, RUS Russkaya, KRMR Karymshinskiy, GNL Ganaly, MTRV Mutnovka, GRL Goreyeh, PETK Petrovlovsk-8.4km, PETK 10.0km, KMNr Kamenistaya, APC Apacha, KDRH Khodutka, SRDR Sredninyy, SMKR Semkarok, BKRR Berin, MKAR Makanchi Array, FINES FINESS Array B, TXAR Lajitas Array.

ASRS 03 14:28:26.2±0.3, 51°2'N, 9°6'E, h5km, MLH3.4/14, smi: org.gfz-potsdam.de/geofon/LOCsat earthModelID smi: org.gfz-potsdam.de/geofon/losp1 certified, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KZLR Kyzyl, TDJR Todzha, ARDR Aradan, MINR Mina, VEH Verkhnyaya Baz, ZAK Zakamensk, TLY Talaya, SLNR Muhor-Tarhata, CUR Chagan-Uzun, UGLR Ulagan, LUZH Luzhba, AKAR Aktash, CHBI Chibit, TASR Tashgator, ARTR Artybass, DGZ Jazgator, GZLN Zheleznogorsk, TUNR Tunger, ELT Eltsovka, BRCR Berchikul, UKR Ust-Kan.

IDC 03 14:40:24.5±5.5, 17°95S, 174°62W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.7/35, mbtmp4.0/3, Error ellipse: s-maj=178.7km s-min=108.9km az=156.0
ISC/JB 03 14:40:51.7±0.6, 17°8S, 0.1±175°18W, 0.07, h250km, mb3.5/3, Error ellipse: s-maj=18.4km s-min=9.7km az=2.4

NEIC 03 14:40:53.1±1.8, 17°7S, 0.2±175°21W, 0.1, h250km, 15km, mb4.0/2.7
ISC 03 14:40:53.1±0.8, 17.7S, 0.2±175°17W, 0.09, h250km, n18, c145/19, mb3.9/10, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NIUE Niue, RAR Raotonga, FAR Faroutu, FOZ Fox Glacier, WHZ Wether Hill R, TAOE Nuku Hiva Isla, CTAO Charters Tower, PMG Port Moresby, TOO Toolangi, COEN Coen.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include STKA Stephens Creek, BBOO Buckleboob, WRI Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

ISC/JB 03 14:49:08.1±0.5, 22°71S, 0°07'174°77W, 0.07, h10km, mb4.3/10, MS3.6/8, Error ellipse: s-maj=11.8km s-min=6.8km az=137.9

NEIC 03 14:49:09.9±2.6, 22°68S, 0°06'174°84W, 0.10, h10km, 1km, mb4.6/10
IDC 03 14:49:12.1±0.8, 22°81S, 175°31W, h0km, mb4.1/0.1, mb1.6/1.2, mb1mx3.4/30, mbtmp4.1/2, ML4.5/2, MS3.6/8, Ms1.3/8, mb1mx3.3/32, Error ellipse: s-maj=27.3km s-min=21.0km az=122.0

ISC 03 14:49:10.5±0.5, 22.80S, 0°07'174°77W, 0.07, h10km, n55, c234/46, mb4.5/16, MS3.5/8, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NIUE Niue, RAO Raoul Island, RAO Raoul Island, AFI Afiamau, RAR Raotonga, RAR Raotonga, PINNC Pines Island, URZ Urewera, URZ Urewera, DZM Mont Dzumac, DZM Mont Dzumac, TBI Tubuai, PAE Paee, PPT Papeete, PPT Papeete, FOZ Fox Glacier, HNR Honiara, ARMA Armidale, CAN Canberra, TAOE Nuku Hiva Isla, CTAO Charters Tower, TOO Toolangi, MCQ Macquarie Isla, PMG Port Moresby, PMG Port Moresby, STKA Stephens Creek, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, MJAR Matushewo, MAJ Mawson, MAW Mawson, MVI Mina Array Sit, NVAR Mina Array Bea, USRK USSuriyark, PLCA Pasa Flores, C09A Chrisman Ranch, ILAR Eilsion Array, CMAR Chiang Mai Arr, MK32 Makanchi Array, MKAR Makanchi Array, AKAS Akashi Array, BR101 Keskin Array, BR11 Keskin Array, CLL Collin, TORD Torodi Arr, TOA1 Torodi Arr, WRA Warramunga Arr, ASAR Alice Springs.

IDC 03 14:55:14.9±2.2, 9°18S, 122°56E, h0km, mb3.6/1, mb1.3/6.3, mb1mx3.4/23, mbtmp3.4/3, ML3.2/1, Error ellipse: s-maj=242.5km s-min=31.0km az=54.0, Savu Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, MKAR Makanchi Array, IDC 03 15:11:26.3±2.8, 6°22S, 148°33E, h0km, mb4.1/1.3, mb1.4/2.5, mb1mx3.8/28, mbtmp4.1/5, ML3.9/1, Error ellipse: s-maj=62.3km s-min=37.9km az=97.0

ISC/JB 03 15:11:31.4±1.3, 6°3S, 0.1±148°2E, 0.1, h46km, mb4.0/3, Error ellipse: s-maj=19.6km s-min=15.5km az=26.6
NEIC 03 15:11:33.5±1.3, 6°4S, 0.1±148°2E, 0.09, h50km, 12km, mb4.1/5
ISC 03 15:11:33.8±1.6, 6°4S, 0.2±148°2E, 0.12, h46km, n17, c0.93/18, mb4.0/5, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include PMG Port Moresby, PMG Port Moresby, COEN Coen, WRI Warramunga Arr, WRA Warramunga Arr, KNRA Kununurra, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, UOSS Minazif, TORD Torodi Arr, TOA1 Torodi Arr.

WEL 03 15:23:34.5, 42°S, 1°17'E, h19km, 2km, ML3.8/28, ML3.6/22, ML3.3/28, Error ellipse: s-maj=0.3km s-min=0.0km az=141.9, Cook Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include CMWZ Cape Campbell, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, TUWZ Tuamarina, TUWZ Tuamarina, TCW Tory Channel, BHW Baring Head, BHW Baring Head, BHW Neilson, PHW Palliser, MSW Mtaki Station, CAW Cannon Point, KIWI Kapiti Island, PAWZ Paruwi Farm, KHZ Kahutara, MTW Mount Morrison, OGWZ Otaki George, TRWZ Traveller, TMWZ Te Maipa, MRZ Mangatanihoka R, PLWZ Papeete Range, GVZ Greta Valley S, OHWZ Ohakea, PRWZ Poru Road, BFZ Birch Farm, DZM Dennistown North, LITZ Lake Taylor, AMCZ Amberley, WAZ Wanganui, DVHZ Dannevirke, TSZ Takapuni Road, PHZ Kahui Hill, NMZ Napiu Road, OKCZ Okains Bay, PNHZ Pukenui, PRHZ Porangahau, PREZ Palmer Road, KHZ Kahui Hill, INZ Inchbonnie, OXZ Oxford, NBEZ Newall Road No, MOZ McQueen's Vall, MIVZ Mangatelei, URZ Urewera, PKE Pukeiti, AKCZ Akaroa Harbour, PKVZ Pokaka, MOVZ Moawhango, WRZ Wairangi Road, TRVZ Turoa, BHHZ Black Hill Sta, KRHZ Kereru, FWVZ Far West T-bar, TWVZ Tukino, NIUZ Niue, TWVZ Taurewa, TWVZ West Tongariro, KAHZ Kahurangi, KRHZ Kahunarewa, KHVZ Kawaka Forest, RITZ Ritua Road, WVZ Waitaha Valley, BKZ Black Stump Fm, RPZ Rata Peaks, HIZ Hauraki, MRHZ Mee Rd, TLZ Tolley Road, FOZ Fox Glacier, LBZ Lake Benmore, ODZ Oatwha Downs, AWAZ Awahitu Peninsula, JCZ Jackson Bay, CTCZ Chatham Island.

IDC 03 15:24:18.6±3.1, 13°68S, 166°66E, h26km, 19km, mb4.4/17, mb1.4/5.19, mb1mx4.3/37, mbtmp4.5/19, ML4.9/2, MS4.1/20, Ms1.4/120, mb1mx4.0/24, Error ellipse: s-maj=18.3km s-min=13.2km az=77.0
ISC/JB 03 15:24:19.1±1.9, 13°68S, 166°59E, 0.04, h39km, mb4.7/25, MS4.2/21, Error ellipse: s-maj=5.8km s-min=4.1km az=173.1

BUI 03 15:24:20.5±0.1, 31°52S, 167°02E, h63km, mb4.8/28, MB5.2/22, Ms5.1/6, Ms7.4/8.5
NEIC 03 15:24:23.2±2.0, 31°70S, 0°07'166°57E, 0.04, h60km, 5km, mb5.0/25

GCMT 03 15:24:23.2±0.3, 31°60S, 0°02'166°48E, 0.02, h39km, 1km, MW5.0/77, Moment Tensor Solution, s47, c60, s77, c106; Duration: 0 Moment tensor: Scale 10^19Nm; M2.59±.17; Mo=0.48±.12; Mb=3.06±.11; Mw=0.64±.14; Mm=1.27±.09; I=1.85±.13; Best double couple: M3.67200±.11; N1=0.35±0.0000; S3.630000±.1; N2=0.22±0.0000; S3.630000±.1; P1=0.0000±.0000; P2=0.22±0.0000; S3.630000±.1; Principal axes: T 3.4780, Pg63.0000, Azm224.0000; N 0.3970, Plg22.0000; Azm8.0000; P -3.8660, Plg14.0000

3d 15h

Azm104.0000°: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

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Table with columns: KNRA, Kununurra, 36.62 262, P, Iamb, P, Iamb, 15 31 23.4 -0.3, 15 31 34.4. Lists seismic events with station names and magnitudes.

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Table with columns: CTGM, comp=Z,33nm,1.6s, Iamb, Iamb, 15 37 02.1. Lists seismic events with station names and magnitudes.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like TAPS Pump St12, Denali Highway, CHGN Chignik, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like BKZ Black Stump Fm, UVZ Tukino, TRV Vera Road, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA, TWE, etc.

GUC 03 15:55:33.6:0.8,20:86S:69:35W,h102km,4km,ML3.1
ISCUBJ 03 15:55:34.1:1.0,20:88S:0:03:69:38W,0:09,h103km,9km,
Error ellipse: s-maj=13.3km s-min=5.2km az=0.0

IDC 03 16:34:37.5:1.6,3:36N:92:92E,h0km,mb3.7/4,mb1 3.9/7,
mb1mx3.6/36,mbtmp3.8/7,ML3.7/3,MS3.2/5,MS1 3.2/5,
ms1mx2.8/39, Error ellipse: s-maj=48.0km s-min=21.5km
az=47.0

IDC 03 16:34:44.0:1.6,3:36N:0:2:93:2E:0.2,h35km,n27,
o558/17,mb3.9/4,MS3.3/3,Off west coast of northern
Sumatera

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, PALK Pallekele, PALK, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ENL Shweng, ENLB, WLTB Daxi, etc.

ISCUBJ 03 16:32:29.5:0.6,24:36S:0:05:180:0E:0.1,h500km,
mb3.8/9, Error ellipse: s-maj=13.6km s-min=6.2km
az=168.0

IDC 03 16:53:12.3:1.1,2:49'N:122:82E,h0km,mb3.6/9,
mb1 3.7/9,mb1mx3.5/40,mbtmp3.6/9, Error ellipse:
s-maj=44.9km s-min=18.5km az=67.0

ISCUBJ 03 16:53:24.9:0.2,24:68N:0:02:122:43E:0:01,
h105km,2km,mb3.5/9, Error ellipse: s-maj=2.7km
s-min=1.9km az=164.7

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like EOS1, EOS1, EOS1, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like WHF Hehuan Shan, WHF, WHT, etc.

Table with columns: WHP, Taichung City, 1.40 254 eP, Pn, 16 53 52.1+1.7, CHN1, Nanshi, 2.28 230 P, Pn, 16 54 03.2+1.8, WMGZ, Waioamatatini S, 8.59 197 P, Pn, 17 34 39.3-4.0

Table with columns: CHN1, Nanshi, 2.28 230 P, Pn, 16 54 03.2+1.8, SNST, Taipei City, 2.28 231 P, Pn, 16 54 02.8+1.3, SGST, Jiashian, 2.31 227 eP, Pn, 16 54 02.8+0.9, SLGT, Liugu, 2.33 225 eP, Pn, 16 54 03.3+1.2, SLGT, Taipei, 2.46 214 eP, Pn, 16 54 04.3+0.5, JIRB, Irabujima, 2.50 86 P, Pn, 16 54 05.3+0.9, SSB, Sandimen, 2.52 221 P, Pn, 16 54 06.3+1.6, SCLT, Jiaili, 2.52 234 eP, Pn, 16 54 06.0+1.3, SCLT, Pingtan, 2.55 290 eP, Pn, 16 54 05.0+0.1, PTTC, Pingtan, 2.55 290 eP, Pn, 16 54 05.0+0.1, JIKM, Ikemajima, 2.58 84 P, Pn, 16 54 07.0+1.6, JIKM, Miyako jima 2, 2.61 86 eP, Pn, 16 54 07.7+1.8, MASBT, Mashibuluo, 2.62 219 eP, Pn, 16 54 07.3+1.3, MASBT, Miyako jima3, 2.64 88 P, Pn, 16 54 07.7+1.3, MATH, Ma-tsu, 2.69 304 eP, Pn, 16 54 07.1+0.3, EAST, Anshuo, 2.69 213 eP, Pn, 16 54 06.5-0.4, EAST, Anshuo, 2.71 87 P, Pn, 16 54 08.5+1.4, JGGS, Yuzukube, 2.72 277 P, Pn, 16 54 07.2 0.0, WYUC, WYUC, 2.73 197 eP, Pn, 16 54 06.8-0.7, LAY, Fangiiau, 2.82 216 P, Pn, 16 54 09.3+0.7, SCZT, Black Hill Sta, 2.84 248 P, Pn, 16 54 02.0 0.0, PNG, Penghu, 2.84 248 P, Pn, 16 54 08.8-0.1, PHUB, P'eng-hu, 2.85 247 P, Pn, 16 54 08.6-0.3, PHUB, P'eng-hu, 3.02 319 eP, Pn, 16 54 11.2-0.1, XPSS, Dashiqiu, 3.03 278 P, Pn, 16 54 11.6+0.3, PTMZ, Houxiangcun, 3.09 209 eP, Pn, 16 54 13.1+0.9, TWKBT, Hengchun, 3.10 243 eS, Sn, 16 54 46.9-1.7, VCHM, Gimei, 3.64 267 P, Pn, 16 54 21.1+1.5, KNM, Kinmen, 3.68 268 eP, Pn, 16 55 02.5+0.8, KNMB, Chin-men Tao, 4.06 274 P, Pn, 16 54 25.3+0.2, AXDP, Hialang, 22.68 259 P, P, 16 58 19.6+1.5, CMAR, Chiang Mai Arr, 26.39 335 P, P, 16 58 50.4-1.5, SONM, Sengino Array, 38.79 315 P, P, 16 50 39.8+0.2, MKAR, Makanchi Array, 40.47 326 P, P, 17 02 48.9-0.1, ZALV, Zalesovo Beam, 40.47 326 P, P, 17 00 52.1-1.3, KURBB, Kurchatov Arr, 42.48 319 P, P, 17 01 09.1-0.7, WRA, Warrunga Arr, 45.83 164 P, P, 17 01 37.5+0.6, BVAR, Borovoye Array, 48.02 320 P, P, 17 01 53.3-0.4, ASAR, Alice Springs, 49.32 166 P, P, 17 02 04.9+1.0, ARCES, ARCES Array B, 69.52 338 P, P, 17 04 21.5-0.7

Table with columns: WHZ, Waiomatatini S, 8.59 197 P, Pn, 17 34 39.3-4.0, KUZ, Kuatunu, 8.64 213 P, Pn, 17 34 45.1+1.0, HAZ, Te Kaha, 8.70 201 P, Pn, 17 34 41.1-3.8, HAZ, Te Kaha, 8.70 201 P, Pn, 17 36 20.3+0.7, PKGZ, Pakihiroa, 8.74 199 P, Pn, 17 36 20.5-2.8, PKGZ, Pakihiroa, 8.77 229 P, Pn, 17 34 48.1+2.4, PUZ, Puketiti, 8.86 197 P, Pn, 17 34 41.2-5.8, PUZ, Puketiti, 8.86 197 P, Pn, 17 36 22.2-4.0, RUGZ, Raukumara Rang, 8.93 200 P, Pn, 17 34 43.0-5.0, RUGZ, Raukumara Rang, 8.93 200 P, Pn, 17 36 25.2-2.7, TWGZ, Tauwhareparee, 9.04 199 P, Pn, 17 36 23.9-5.4, TWGZ, Tauwhareparee, 9.04 199 P, Pn, 17 36 24.8-2.4, WHRZ, Whale Island, 9.06 204 P, Pn, 17 36 29.9-1.0, OPRZ, Ohinepanea, 9.21 206 P, Pn, 17 34 47.5-3.9, MWZ, Matawai, 9.31 200 P, Pn, 17 34 47.4-5.5, MWZ, Matawai, 9.31 200 P, Pn, 17 36 33.2-3.7, TKKZ, Te Karaka, 9.32 199 P, Pn, 17 36 27.5-5.0, TKKZ, Te Karaka, 9.32 199 P, Pn, 17 36 32.4-4.6, URZ, Urewera, 9.38 202 P, Pn, 17 34 48.8-4.9, URZ, Urewera, 9.38 202 P, Pn, 17 36 31.0-7.4, URZ, Urewera, 9.38 202 P, Pn, 17 34 48.9-4.8, URZ, Urewera, 9.38 202 P, Pn, 17 36 36.2-2.2, URZ, Urewera, 9.38 202 P, Pn, 17 34 47.9-5.8, RAGZ, Rawiri, 9.50 200 P, Pn, 17 34 48.9-5.5, RAGZ, Rawiri, 9.50 200 P, Pn, 17 36 39.1-2.3, RIGZ, Rimuhau, 9.59 198 P, Pn, 17 36 50.3-6.2, RTZ, Ruatuhana, 9.74 202 P, Pn, 17 36 42.4-4.8, PRGZ, Paritu Road, 9.76 197 P, Pn, 17 36 37.7-1.0, SNGZ, Shannon Statio, 9.78 200 P, Pn, 17 34 53.1-6.0, SNGZ, Shannon Statio, 9.78 200 P, Pn, 17 36 41.5-6.6, KNZ, Kokohu, 9.91 198 P, Pn, 17 36 42.8-8.3, RAHZ, Aarahi, 9.98 201 P, Pn, 17 34 56.3-5.4, RAHZ, Aarahi, 9.98 201 P, Pn, 17 36 42.7-1.0, RAHZ, Aarahi, 9.98 201 P, Pn, 17 36 47.9-5.1, MTHZ, Maungataniwha, 10.00 202 P, Pn, 17 34 56.5-5.5, MTHZ, Maungataniwha, 10.00 202 P, Pn, 17 36 51.9-7.0, WHHZ, Waihua, 10.09 200 P, Pn, 17 34 56.7-6.3, WHHZ, Waihua, 10.09 200 P, Pn, 17 36 48.2-7.2, MRHZ, Matea Rd, 10.13 204 P, Pn, 17 34 57.9-5.7, ARHZ, Aroapanui, 10.33 200 P, Pn, 17 34 59.2-6.9, ARHZ, Aroapanui, 10.33 200 P, Pn, 17 36 59.2-6.6, ARHZ, Aroapanui, 10.33 200 P, Pn, 17 36 58.3-8.9, BKZ, Black Stump Fm, 10.40 203 P, Pn, 17 35 01.4-5.7, BKZ, Black Stump Fm, 10.40 203 P, Pn, 17 36 55.1-7.9, BKZ, Black Stump Fm, 10.40 203 P, Pn, 17 35 00.5-6.6, HIZ, Hauiti, 10.47 211 P, Pn, 17 35 06.2-1.8, MCHZ, McNeill Hill, 10.59 201 P, Pn, 17 35 02.8-7.1, MCHZ, McNeill Hill, 10.59 201 P, Pn, 17 35 03.0-6.4, MCHZ, McNeill Hill, 10.59 201 P, Pn, 17 36 57.0-1.0, KWHZ, Kaweka Forest, 10.66 202 P, Pn, 17 35 04.6-5.9, KWHZ, Kaweka Forest, 10.66 202 P, Pn, 17 35 04.4-6.1, CKHZ, Cape Kidnapper, 10.67 199 P, Pn, 17 35 03.2-7.4, CKHZ, Cape Kidnapper, 10.67 199 P, Pn, 17 35 02.9-7.0, WTVZ, West Tongariro, 10.68 206 P, Pn, 17 35 07.1-3.7, TWVZ, Taurewa, 10.70 207 P, Pn, 17 35 07.5-3.6, NGZ, Ngauruhoe, 10.73 206 P, Pn, 17 35 06.1-5.4, TUWZ, Tukino, 10.79 206 P, Pn, 17 35 07.3-4.9, RWVZ, Far West T-bar, 10.82 202 P, Pn, 17 35 07.6-7.1, WHVZ, Whangape Hut, 10.83 206 P, Pn, 17 35 07.8-7.2, BHHZ, Black Hill Sta, 10.84 203 P, Pn, 17 35 06.0-6.7, BHHZ, Black Hill Sta, 10.84 203 P, Pn, 17 35 06.0-6.8, KAHZ, Kahuranaki, 10.86 200 P, Pn, 17 35 06.1-6.8, KAHZ, Kahuranaki, 10.86 200 P, Pn, 17 35 05.8-7.1, KAHZ, Kahuranaki, 10.86 200 P, Pn, 17 35 06.1-7.0, KRHZ, Kereru, 10.87 202 P, Pn, 17 35 05.7-7.5, MOVZ, Moawhango, 10.88 205 P, Pn, 17 35 07.2-6.0, PKVZ, Pokaka, 10.93 207 P, Pn, 17 35 10.5-3.4, VRZ, Vera Road, 11.03 209 P, Pn, 17 35 15.0-0.1, PKZ, Pawanui, 11.08 199 P, Pn, 17 35 08.2-7.5, PKZ, Pawanui, 11.08 199 P, Pn, 17 35 08.3-7.0, PNHZ, Pukenui, 11.17 202 P, Pn, 17 35 09.9-7.2, PNHZ, Pukenui, 11.17 202 P, Pn, 17 35 08.4-9.4, WPHZ, Waipukurau, 11.23 201 P, Pn, 17 35 08.4-9.4, PRHZ, Porangahau, 11.36 200 P, Pn, 17 35 11.8-7.6, PRHZ, Porangahau, 11.36 200 P, Pn, 17 35 11.8-7.6, TSZ, Takapari Road, 11.38 203 P, Pn, 17 35 12.4-7.3, TSZ, Takapari Road, 11.38 203 P, Pn, 17 35 11.6-8.2, PKE, Pukeiti, 11.42 211 P, Pn, 17 35 22.3+2.0, WAZ, Wanganui, 11.47 207 P, Pn, 17 35 19.4-1.4, WAZ, Wanganui, 11.47 207 P, Pn, 17 35 16.3-4.5, WAZ, Wanganui, 11.49 212 P, Pn, 17 35 14.5+3.1, DVHZ, Dannevirke, 11.54 201 P, Pn, 17 35 16.4-5.2, POWZ, Post Office Ro, 11.75 202 P, Pn, 17 35 21.3-3.1, POWZ, Post Office Ro, 11.75 202 P, Pn, 17 35 16.3-8.1, PRWZ, Poriri Road, 11.83 201 P, Pn, 17 35 22.0-3.4, PRWZ, Poriri Road, 11.83 201 P, Pn, 17 35 16.3-9.1, BFZ, Birch Farm, 11.86 200 P, Pn, 17 35 29.3-7.0, BFZ, Birch Farm, 11.86 200 P, Pn, 17 35 16.3-10.0, BFZ, Birch Farm, 11.86 200 P, Pn, 17 35 18.9-6.9, NFK, Norfolk Island, 11.95 269 P, P, 17 35 32.3 0.0, MRZ, Mangatanioka R, 12.05 203 P, Pn, 17 35 20.5-7.7, MRZ, Mangatanioka R, 12.05 203 P, Pn, 17 37 26.6-16, CPWZ, Castlepoint, 12.08 200 P, Pn, 17 35 25.7-2.9, HOWZ, Holdsworth Sta, 12.29 202 P, Pn, 17 35 19.1-12, OGWZ, Otaki Gorge, 12.33 204 P, Pn, 17 35 27.3-8.1, TWVZ, Te Maipa, 12.36 201 P, Pn, 17 35 24.8-7.4, THZ, Topohape, 12.46 208 P, Pn, 17 35 28.2-7.8, MTW, Mount Morrison, 12.53 202 P, Pn, 17 35 29.4-4.9, CAW, Cannon Point, 12.62 203 P, Pn, 17 35 30.0-5.5, PAWZ, Traveller, 12.69 201 P, Pn, 17 35 22.1-14, TRWZ, Paruru Farm, 12.75 202 P, Pn, 17 35 35.4-1.7, MWVZ, Mokuauia Station, 12.84 202 P, Pn, 17 35 34.2-4.1, MSWZ, Moutika Station, 12.84 202 Pn, Pn, 17 35 33.4-8.8, SNZO, South Karori, 12.93 204 P, Pn, 17 35 30.5-8.9, BHW, Baring Head, 12.96 203 P, Pn, 17 35 33.6-6.2, BHW, Baring Head, 12.96 203 P, Pn, 17 35 30.9-8.9, PLWZ, Palliser, 12.96 202 P, Pn, 17 35 34.2-5.8, PLWZ, Palliser, 12.96 202 P, Pn, 17 35 32.2-7.8, NIUE, Niue, 13.03 38 P, Pn, 17 35 37.7-3.1, NIUE, Niue, 13.03 38 P, Pn, 17 35 37.5-3.3, NIUE, Niue, 13.03 38 P, Pn, 17 35 39.3-9.3, NIUE, Niue, 13.03 38 P, Pn, 17 35 41.5-3.2, NNZ, Nelson, 13.36 208 P, Pn, 17 35 39.6-11, QRZ, Quartz Range, 13.40 211 Pn, Pn, 17 35 41.2-4.1, CMWZ, Cape Campbell, 13.49 204 Pn, Pn, 17 35 41.2-5.3, BSWZ, Blackbirch Sta, 13.59 205 P, Pn, 17 35 45.0-5.0, BSWZ, Blackbirch Sta, 13.59 205 P, Pn, 17 35 40.4-7.2, THZ, Topohape, 14.01 208 P, Pn, 17 35 48.4-4.5, KHZ, Kahutara, 14.32 205 P, Pn, 17 35 47.5-9.2, DSZ, Denniston Nort, 14.42 211 P, Pn, 17 35 56.5-2.0, PINNC, Pines Island, 14.42 296 Pn, Pn, 17 35 58.2-1.1, MARNC, Mare, Loyalty, 14.70 300 P, Pn, 17 35 01.3-0.3, LTZ, Lake Taylor, 15.12 207 P, Pn, 17 36 02.2-4.4, LTZ, Lake Taylor, 15.12 207 P, Pn, 17 36 43.0 0.0, AMCZ, Amberley, 15.30 206 P, Pn, 17 36 07.2-1.6, ONTNC, Ouen Toro, 15.46 295 P, Pn, 17 36 12.0+0.7, ONTNC, Ouen Toro, 15.46 295 P, Pn, 17 36 28.6, DZM, Mont Dumac, 15.59 295 eP, P, 17 36 16.5+3.7, DZM, Mont Dumac, 15.59 295 eP, P, 17 36 16.5+3.7, DZM, Mont Dumac, 15.59 295 eP, P, 17 36 16.2+3.4, DZM, Mont Dumac, 15.59 295 P, P, 17 36 14.2+1.4, DZM, Mont Dumac, 15.59 295 P, P, 17 36 24.1, OXZ, Oxford, 15.67 207 P, Pn, 17 36 06.9-6.3, OXZ, Oxford, 15.67 207 P, Pn, 17 36 14.3, MOZ, Moquehuia, 15.76 205 P, Pn, 17 36 05.9-8.4, RPZ, Rata Peaks, 16.39 208 P, Pn, 17 36 15.2-6.1, RPZ, Rata Peaks, 16.39 208 P, Pn, 17 39 07.1-16, RPZ, Rata Peaks, 16.39 208 P, Pn, 17 36 14.1-7.2, RPZ, Rata Peaks, 16.39 208 P, Pn, 17 36 14.1-7.2, RPZ, Rata Peaks, 16.39 208 P, Pn, 17 36 14.1-7.2, AFI, Afiama, 16.80 23 P, Pmax, 17 36 21.2-5.0, AFI, Afiama, 16.80 23 P, Pmax, 17 36 21.2-5.0

ISCJB 03 17:32:40.4-0.3, 29.90S; 02:178.56W:0.03, h181km, 2km, mb5.0/53, Error ellipse: s-maj=5.1km, s-min=3.0km, az=32.7
BUJ 03 17:32:40.8-0.0, 29.963S; 177.83W, h197km, mb5.2/38, mB5.5/20
IDC 03 17:32:42.8-0.3, 29.949S; 178.44W, h184km, 2km, mb4.7/20, mb1.4, 8/21, mb1mx4.7/26, mbtmp5.2/21, MS3.9/3, Ms1.3/9.3, ms1mx3.4/30, Error ellipse: s-maj=12.4km, s-min=9.1km, az=164.0
MOS 03 17:32:42.1-0.9, 29.953S; 178.50W, h187km, mb5.1/16, Error ellipse: s-maj=11.6km, s-min=10.6km, az=17.2
NEIC 03 17:32:42.6-2.2, 29.585S; 04:178.45W:0.10, h189km, 4km, mb5.1/35
GCMT 03 17:32:45.6-0.2, 29.405S; 02:178.25W:0.02, h189km, 2km, MW5.2/90, Moment Tensor Solution. s59.6e9; s90.c130; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.88±.20; Mw:1.86±.24; Mb:4.74±.21; Mw-1.67±.18; Mw-0.73±.22; Mw5.20±.16; Best double couple: Mw:6.82300x10^16 Np1:0.343, 0.00000; 0.875, 0.00000; 1.70, 0.00000; NP2:0.218, 0.00000; 0.825, 0.00000; 1.142, 0.00000; Principal axes: T: 6.2690, P1: 6.6690, Azm: 349.00000; P: -7.3780, P1: 11.000, P1g2: 0.00000, Azm: 349.00000; P: -7.3780, P1g2: 0.00000; Azm: 89.00000; nsta: t refers to body waves, cutoff=40s, nsta2: refers to surface waves, cutoff=50s. Triangular moment-rate function.
ISC 03 17:32:42.5-0.4, 29.645S; 0:178.38W:0.05, h189km, 3km, h189km; p-P, n711, r1581/648, mb5.1/98, 41C-22D, Kermadec Islands
Code Station Name Δ° AZ° Phase ID Time Res
GLKZ Green Lake 0.55 47 Op ISC h n s ISC
RIZ Raoul Island 0.56 45 P Pn 17 33 08.9+0.3
RIZ Raoul Island 0.56 45 S Sn 17 33 09.1+0.5
RAO Raoul Island 0.56 47 P Sn 17 33 28.3-0.2
RAO Raoul Island 0.56 47 P Sn 17 33 09.0+0.4
RAO Raoul Island 0.56 47 P Sn 17 33 28.3-0.2
RAO Raoul Island 0.56 47 P Sn 17 33 28.3-0.2
RAO Raoul Island 0.56 47 P Sn 17 33 08.7+0.2
RAO Matakaoa Point 8.37 198 P Pn 17 34 35.8-4.8
MXZ Matakaoa Point 8.37 198 P Sn 17 36 16.0+1.6
MXZ Matakaoa Point 8.37 198 Pn Pn 17 34 35.1-5.5
GRZ Great Barrier 8.38 217 P Pn 17 34 42.8+2.1

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Lake Benmore, Otahua Downs, Wanaka, Rarotonga, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Forrest, Warakurna, Genyem, Scott Base, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like MJAR, MAJO, MAJO, MAJO, etc.

3d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Shoshone, Teco, Pine Nut, Wuhan, etc.

2013 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR, Eielson Array, Lanzhou, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, Kislovodsk, Storozhevoje, etc.

HUMO	baz=312	45.73	75	P	P	17 55 14.3	-0.2
SPAO		45.77	352	P	P	17 55 14.7	+0.3
SPITS		45.77	352	P	P	17 55 14.9	+0.5
SPITS	comp=Z,7.0nm,0.5s						
J04D	Umpqua Nationa	45.78	74	P	P	17 55 15.7	+0.6
PINE	baz=311						
PINE	Pine Mountain	46.07	73	P	IAMB	17 55 17.6	+0.3
	comp=Z,68nm,1.0s					17 55 20.5	
G08A	Pilot Rock	46.18	70	P	P	17 55 18.2	+0.1
J05D	Fort Rock, OR	46.24	74	P	P	17 55 19.5	+0.9
	baz=311						
L04D	Klamath Falls	46.35	75	P	P	17 55 20.5	+1.0
K04D	Chiloquin, OR	46.39	75	P	P	17 55 20.8	+1.0
	baz=312						
WALA	Waterloo Lakes	46.44	63	P	P	17 55 20.2	+0.1
YBH	Yreka Blue Hor	46.45	76	LR	LR	18 03 24.1	
	comp=Z,955nm,19.0s						
YBH	Yreka Blue Hor	46.45	76	P	P	17 55 21.1	+0.9
	comp=Z,56nm,1.1s						
YBH	Yreka Blue Hor	46.45	76	P	IAMB	17 55 21.1	+0.9
	comp=Z,56nm,1.1s						
KHMM	Horse Mountain	46.45	78	P	P	17 55 21.4	+1.1
GTA	Gaotai	46.46	279	eP	P	17 55 19.9	-0.5
GTA				sP	P	17 55 24.3	-3.2
GTA				sP	P	17 55 26.9	+1.2
GTA				sP	P	17 56 55.1	+0.3
GTA				sP	P	18 02 08.7	+1.2
GTA				sS	S	18 02 16.0	-0.2
GTA				sS	S	18 05 23.9	+9.0
	comp=Z,4.0nm,1.3s						
GTA							
GTA	comp=Z,350nm,9.0s						
GTA	comp=Z,3um,17.1s						
GTA	comp=Z,2um,16.8s						
LZH	comp=Z,5um,17.1s						
LZH	Lanzhou	46.46	273	P	P	17 55 20.9	+0.4
LZH				ppP	P	17 55 25.7	0.0
LZH				pp	P	17 57 09.6	+0.1
LZH				S	S	18 02 07.4	-0.3
LZH				sS	S	18 02 14.0	-2.3
	comp=Z,46nm,1.2s						
LZH	comp=Z,470nm,6.2s						
LZH	comp=Z,3um,17.0s						
M02C	Callahan	46.59	77	P	P	17 55 22.8	+1.4
F10A	Beach Ranch, E	46.67	68	P	IAMB	17 55 21.4	-0.5
F10A						17 55 23.7	
M04C	Macdoel	46.90	76	P	P	17 55 24.7	+0.9
	baz=312						
KMRM	Mail Ridge	46.90	78	P	IAMB	17 55 25.7	+2.0
KMRM						17 55 27.0	
	comp=Z,57nm,0.9s						
N02D	Trinity Center	46.96	77	P	P	17 55 25.6	+1.4
	baz=312						
JTMT	Jette	47.08	65	P	P	17 55 25.2	+0.1
KULLO	Kullorsuaq	47.25	15	iP	P	17 55 27.7	+1.8
KULLO							
KULLO	comp=Z,110nm,1.1s						
KULLO	Kullorsuaq	47.25	15	iP	P	17 55 27.7	+1.8
WDC	Whiskeytown Da	47.31	77	P	P	17 55 27.5	+0.6
WDC							
WDC	comp=Z,60nm,1.1s						
WDC	Whiskeytown Da	47.31	77	P	IAMB	17 55 27.5	+0.6
	comp=Z,60nm,1.1s						
BMO	Blue Mountains	47.35	69	P	P	17 55 27.4	+0.1
BMO							
BMO	comp=Z,40nm,1.0s						
BMO	Blue Mountains	47.35	69	P	IAMB	17 55 27.4	+0.1
	comp=Z,40nm,1.0s						
ENH	Enshi	47.45	263	P	P	17 55 27.8	-0.3
O02D	Mt. Diablo Mer	47.45	78	P	P	17 55 29.5	+1.5
	baz=313						
MOD	Modoc Plateau	47.67	74	P	P	17 55 30.0	+0.2
MSO	Missoula	47.85	65	P	P	17 55 31.2	+0.1
PLID	Pearl Lake	47.90	68	P	IAMB	17 55 31.2	+0.2
PLID						17 55 34.2	
	comp=Z,29nm,0.9s						
O03E	Paynes Creek	47.92	77	P	P	17 55 33.2	+0.3
	baz=313						
HOPS	Hopland Field	48.10	79	P	IAMB	17 55 33.2	+0.2
HOPS						17 55 36.0	
	comp=Z,74nm,1.2s						
DAG	Danmarks Havn	48.33	211	iP	P	17 55 34.9	+0.6
DAG	Danmarks Havn	48.33	211	iP	P	17 55 34.9	+0.6
GDXM	Geyers	48.38	79	P	IAMB	17 55 35.6	+0.3
GDXM						17 55 38.8	
	comp=Z,53nm,1.1s						
FFC	Flin Flon	48.57	51	iP	P	17 55 37.3	+0.9
FFC	Flin Flon	48.57	51	P	IAMB	17 55 36.2	-0.1
	comp=Z,45nm,1.1s						
ORV	Oroville	48.60	78	P	P	17 55 36.0	-0.8
ORV							
ORV	comp=Z,42nm,1.0s						
ORV	Oroville	48.60	78	P	IAMB	17 55 36.0	-0.8
	comp=Z,42nm,0.9s						
BEKR	Beckworth	49.02	76	P	IAMB	17 55 40.3	0.0
BEKR						17 55 42.4	
	comp=Z,36nm,1.0s						
HRY	Holler Researc	49.02	64	P	P	17 55 39.7	-0.4
MFID	Camas Ranch	49.10	70	P	P	17 55 41.2	+0.3
MFID						17 55 42.7	
	comp=Z,32nm,0.9s						
ZSN	Zaisan	49.21	297	eP	P	17 55 39.8	-1.6
ZSN	Zaisan	49.21	297	eP	P	17 55 39.8	-1.6
ZSN				eLR	LR	18 18 43.2	
EGMT	Eagleton	49.22	62	P	IAMB	17 55 41.6	0.0
EGMT						17 55 43.6	
	comp=Z,59nm,0.9s						
FCC	Fort Churchill	49.23	43	P	P	17 55 42.5	+1.1
FCC							
FCC	comp=Z,71nm,0.9s						
FCC	Fort Churchill	49.23	43	P	IAMB	17 55 42.5	+1.1
	comp=Z,71nm,0.9s						
LRM	Limekiln Ridge	49.29	65	P	P	17 55 39.8	-2.6
AFDM	Forest Hills D	49.31	78	P	IAMB	17 55 42.4	0.0
AFDM						17 55 45.0	
	comp=Z,41nm,1.1s						
DLMT	Dillon	49.52	66	P	P	17 55 44.0	0.0
PAHR	PAH Range	49.68	76	P	IAMB	17 55 45.5	+0.1
PAHR						17 55 48.1	
	comp=Z,66nm,1.1s						
MCMT	McKenzie Canyo	49.74	67	P	P	17 55 44.9	-0.9
VNCR	Virginia City	49.81	76	P	IAMB	17 55 47.4	+1.0
VNCR						17 55 51.6	
	comp=Z,56nm,0.9s						
BOZ	Bozeman (W)	49.87	65	P	P	17 55 46.3	-0.3
BOZ							
BOZ	comp=Z,49nm,1.0s						
BOZ	Bozeman (W)	49.87	65	P	IAMB	17 55 46.4	-0.3
BOZ						17 55 48.6	
	comp=Z,49nm,1.0s						
PNTR	Pine Nut	49.98	77	P	P	17 55 46.0	-1.8
KURK	Kurchatov	50.13	304	iP	P	17 55 46.9	-1.5
KURK							
KURK	comp=Z,57nm,1.1s						
KURK	Kurchatov	50.13	304	P	P	17 55 47.7	-0.7
KURK							
KURK	SNR=38						
KURK	Kurchatov	50.13	304	P	IAMB	17 55 45.8	-2.6
	comp=Z,56nm,0.9s						
WMQ	Urumqi	50.16	292	eP	P	17 55 50.3	+1.5
WMQ				pp	P	17 55 54.0	-2.0
WMQ				sP	P	17 55 57.2	+3.1
WMQ				pp	P	17 57 44.1	+0.4
WMQ				S	S	18 02 56.0	-3.6

WMQ	sS	18 03 11.9	+3.5
WMQ	sS		
WMQ	comp=Z,20nm,0.9s		
WMQ	comp=Z,260nm,6.3s		
WMQ	comp=Z,5um,16.3s		
WMQ	comp=Z,3um,18.9s		
WMQ	comp=Z,2um,24.3s		
WMQ	Urumqi	50.16	292
WMQ	comp=Z,43nm,1.1s		
WMQ	Urumqi	50.16	292
WMQ			
KURBB	Kurchatov Arra	50.23	304
	comp=Z,23nm,0.8s		
CD2	Chengdu	50.26	268
CD2			
CD2	comp=Z,20nm,0.5s		
CD2	comp=Z,290nm,7.4s		
CD2	comp=Z,4um,19.1s		
CD2	comp=Z,4um,17.6s		
CD2	comp=Z,3um,13.7s		
YERR	Yerington	50.26	76
YERR			
CMB	Columbia Colle	50.28	78
CMB			
CMB	comp=Z,42nm,1.3s		
BMN	Battle Mountai	50.28	78
BMN			
BMN	comp=Z,59nm,1.0s		
BMN	Battle Mountai	50.38	74
BMN			
BMN	comp=Z,59nm,1.0s		
WAKR	Walker	50.48	77
WAKR			
WAKR	comp=Z,64nm,1.0s		
QAMT	San Andreas Ge	50.49	66
QAMT			
SAO			
SAO	comp=Z,41nm,1.2s		
YHL	San Andreas Ge	50.58	80
YHL	Helge Lake	50.60	66
YHB	Horse Butte	50.66	66
GCMT	Greycliff	50.76	64
YHH	Holmes Hill	50.82	65
YMR	Madison River	50.84	66
KVNV	Kaiserville	50.85	76
KVNV			
KVNV	comp=Z,67nm,1.0s		
KVNV	Kaiserville	50.85	76
KVNV			
KVNV	comp=Z,67nm,1.0s		
RYN	Ryan	50.91	76
YNN	Yellowstone No	50.94	65
MK31	Makanchi Arra	50.95	298
MK31			
MK31	comp=Z,27nm,1.0s		
MK31	Mak		

Table with columns: ID, Name, Time, Speed, Direction, Status, etc. Includes entries like D46A Sault St. Mari, MOS Moscow, TAPN Taplejung, etc.

Table with columns: ID, Name, Time, Speed, Direction, Status, etc. Includes entries like D52A ZEK Kipawa Sen, I48A Sherman Twp, LPSR Galich'ya Gora, etc.

Table with columns: ID, Name, Time, Speed, Direction, Status, etc. Includes entries like F55A Otter Lake, M48A Edgerton, N47A Urbana, etc.

L53A	Girard	67.62	48	P	P	17 57 49.0	-1.0
HEM1	Henderson Moun	67.63	58	P	P	17 57 50.0	-0.1
Q48A	North Vernon	67.64	54	P	P	17 57 48.9	-1.2
X40A	Basin Creek Fa	67.73	62	P	P	17 57 49.8	-1.0
X40A	Basin Creek Fa	67.73	62	P	P	17 57 49.9	-1.0
X40A	comp-Z,40nm,1.1s			IAmb	IAmb	17 57 52.5	
L0NY	Lake Ozonia	67.74	43	P	P	17 57 49.7	-1.0
K54A	Basiliko Farm,	67.75	47	P	P	17 57 49.2	-1.6
UALR	University of	67.75	61	P	P	17 57 50.6	-0.3
L54A	Sinclairville	67.80	47	P	P	17 57 49.7	-1.4
ACSO	Alum Creek Sta	67.84	51	P	P	17 57 51.7	+0.4
ACSO	comp-Z,38nm,1.1s			IAmb	IAmb	17 57 55.5	
M53A	WI Miller and	67.87	49	P	P	17 57 50.4	-1.2
I57A	Carthage	67.89	44	P	P	17 57 50.0	-1.6
HICK	Hickman	67.89	58	P	P	17 57 50.4	-1.3
G59A	Clarenceville	67.90	42	P	P	17 57 50.4	-1.2
K55A	Perry	67.91	46	P	P	17 57 50.6	-1.2
ALLY	Alegheny Colle	67.92	48	P	P	17 57 51.3	-0.6
ALLY	comp-Z,54nm,1.1s			IAmb	IAmb	17 57 52.9	
N52A	McGinn's Farm,	67.94	50	P	P	17 57 51.0	-1.0
WCI	Wyandotte Cave	67.94	55	P	P	17 57 51.0	-1.0
WCI	comp-Z,24nm,0.9s			pmax	pmax		
WCI	Wyandotte Cave	67.94	55	P	P	17 57 51.0	-1.0
WCI	comp-Z,24nm,0.8s			IAmb	IAmb	17 57 53.6	
FRNY	Flat Rock	67.95	42	P	P	17 57 50.5	-1.5
WVNY	West Valley, N	67.95	47	P	P	17 57 50.9	-1.3
WVNY	comp-Z,47nm,1.1s			IAmb	IAmb	17 57 53.4	
J56A	Wolcott	67.95	45	P	P	17 57 50.4	-1.6
J56A	comp-Z,24nm,1.2s			IAmb	IAmb	17 57 50.8	-1.2
F61A	St Evariste	67.96	40	P	P	17 57 51.6	-0.5
Q49A	Aurora	67.96	53	P	P	17 57 51.0	-1.2
P50A	Jamestown	67.97	52	P	P	17 57 51.1	-1.2
MMNY	Mt. Morris Dam	67.97	46	P	P	17 57 51.5	-0.7
MMNY	comp-Z,53nm,1.0s			IAmb	IAmb	17 57 53.1	
H59A	Cadyville	68.07	42	P	P	17 57 51.3	-1.4
H58A	Gabriels	68.07	43	P	P	17 57 51.0	-1.8
O51A	Pataskala	68.07	51	P	P	17 57 51.4	-1.5
GLAT	Glass	68.08	58	P	P	17 57 52.9	0.0
D63A	Stockholm	68.08	37	P	P	17 57 51.4	-1.4
LXKT	Lenox	68.11	58	P	P	17 57 53.5	+0.4
435B	Jarrell	68.18	67	P	P	17 57 53.2	-0.5
435B	Jarrell	68.18	67	P	P	17 57 53.8	+0.1
J57A	Williamstown	68.19	44	P	P	17 57 51.7	-1.9
J57A	Williamstown	68.19	44	P	P	17 57 52.4	-1.1
J57A	comp-Z,39nm,1.3s			IAmb	IAmb	17 57 54.3	
G60A	Masonville	68.20	41	P	P	17 57 52.3	-1.3
L55A	Hinsdale	68.21	47	P	P	17 57 52.3	-1.5
WLAR	White Oak Lake	68.22	62	P	P	17 57 53.6	-0.3
K56A	Middlesex	68.24	46	P	P	17 57 52.5	-1.4
M54A	Oil Creek Stat	68.24	48	P	P	17 57 52.7	-1.3
M54A	Oil Creek Stat	68.24	48	P	P	17 57 53.1	-0.9
M54A	comp-Z,28nm,1.0s			IAmb	IAmb	17 57 55.2	
N53A	Lisbon	68.31	49	P	P	17 57 53.3	-1.1
N53A	Lisbon	68.31	49	P	P	17 57 53.4	-1.0
N53A	comp-Z,39nm,1.1s			IAmb	IAmb	17 57 58.6	
HALT	Halls	68.34	58	P	P	17 57 55.2	+0.6
I58A	Old Forge	68.37	44	P	P	17 57 53.3	-1.4
P51A	Williamsport	68.41	52	P	P	17 57 53.6	-1.4
NCB	Newcomb	68.43	43	P	P	17 57 54.7	-0.4
O52A	Adamsville	68.44	50	P	P	17 57 53.9	-1.3
O52A	Adamsville	68.44	50	P	P	17 57 54.5	-0.7
Q50A	Georgetown	68.51	53	P	P	17 57 54.3	-1.3
J58A	Remsen	68.52	44	P	P	17 57 53.9	-1.7
J58A	Remsen	68.52	44	P	P	17 57 54.0	-1.7
J58A	comp-Z,39nm,1.3s			IAmb	IAmb	17 57 56.3	
H60A	Morrisown	68.52	42	P	P	17 57 53.9	-1.7
K57A	Scipio Center	68.55	45	P	P	17 57 54.1	-1.7
N54A	Moraine State	68.55	49	P	P	17 57 54.3	-1.5
N54A	Moraine State	68.55	49	P	P	17 57 55.8	-0.1
O53A	New Philadelph	68.61	50	P	P	17 57 55.0	-1.2
L56A	Greenwood	68.61	46	P	P	17 57 54.9	-1.4
L56A	Greenwood	68.61	46	P	P	17 57 55.1	-1.2
Q51A	Peebles	68.65	52	P	P	17 57 55.3	-1.2
Q51A	Peebles	68.65	52	P	P	17 57 56.1	-0.5
Q51A	comp-Z,28nm,1.0s			IAmb	IAmb	17 57 58.0	
M55A	Ridgway	68.66	47	P	P	17 57 55.3	-1.3
M55A	Ridgway	68.66	47	P	P	17 57 55.1	-1.4
M55A	comp-Z,42nm,1.1s			IAmb	IAmb	17 57 57.4	
P52A	Corning	68.70	51	P	P	17 57 55.3	-1.5
I59A	Olmsteadville	68.71	43	P	P	17 57 55.0	-1.8
CCAR	Cane Creek	68.72	61	P	P	17 57 57.1	+0.1
J59A	Piesco	68.74	43	P	P	17 57 55.7	-1.3
J59A	Piesco	68.74	43	P	P	17 57 56.4	-0.6
S49A	Springfield	68.77	54	P	P	17 57 56.2	-1.1
G62A	West of Eustis	68.77	40	P	P	17 57 56.0	-1.2
G62A	West of Eustis	68.77	40	P	P	17 57 57.0	-0.2
G62A	comp-Z,30nm,1.1s			IAmb	IAmb	17 57 58.4	
R50A	Paris	68.81	53	P	P	17 57 56.6	-0.9
R50A	Paris	68.81	53	P	P	17 57 57.3	-0.2
H61A	Lyndonville	68.83	41	P	P	17 57 56.2	-1.3
K58A	Earlville	68.87	45	P	P	17 57 56.4	-1.5
K58A	Earlville	68.87	45	P	P	17 57 57.1	-0.7
AKASG	Malin Array Be	68.88	333	P	P	17 57 56.7	-0.9
AKASG	comp-Z,3.3nm,0.5s,baz=29,slow=6.5,SNR=21			LR	LR	18 32 04.2	
AKASG	Malin Array Be	68.88	333	P	P	17 57 59.2	+1.5
AKBB	Malin Array Si	68.88	333	P	P	17 57 57.5	-0.1
AKBB	comp-Z,34nm,1.3s			pmax	pmax		
AKBB	Malin Array Si	68.88	333	P	P	17 57 57.5	-0.1
AKBB	comp-Z,34nm,1.3s			IAmb	IAmb	17 58 03.2	
F63A	Nahmakanta, Br	68.88	39	P	P	17 57 56.3	-1.5

M56A	Emporium	68.89	47	P	P	17 57 56.8	-1.2
M56A	Emporium	68.89	47	P	P	17 57 57.6	-0.3
M56A	comp-Z,29nm,1.1s			IAmb	IAmb	17 58 01.8	
WVT	Waverly	68.89	57	P	P	17 57 56.9	-1.1
WVT	comp-Z,28nm,1.0s			pmax	pmax		
WVT	Waverly	68.89	57	P	P	17 57 56.9	-1.1
WVT	comp-Z,28nm,1.0s			IAmb	IAmb	17 57 59.6	
I60A	Shoreham	68.90	42	P	P	17 57 56.2	-1.7
NATX	Nacogdoches	68.95	65	P	P	17 57 59.2	+0.8
F64A	Sherman	69.01	38	P	P	17 57 57.2	-1.3
L57A	Andrews Acres	69.02	46	P	P	17 57 57.0	-1.8
O54A	Avella	69.03	49	P	P	17 57 57.5	-1.3
LBNH	Lisbon	69.08	41	P	P	17 57 58.7	-0.4
LBNH	comp-Z,16nm,1.1s			pmax	pmax		
LBNH	Lisbon	69.08	41	P	P	17 57 58.6	-0.4
H62A	Milan	69.09	41	P	P	17 57 57.5	-1.6
H62A	comp-Z,35nm,1.3s			IAmb	IAmb	17 57 58.4	-0.7
H62A	Milan	69.09	41	P	P	17 58 04.2	
N55A	Marion Center	69.13	48	P	P	17 57 57.9	-1.6
N55A	Marion Center	69.13	48	P	P	17 57 58.8	-0.7
R51A	Hillsboro	69.13	53	P	P	17 57 58.1	-1.4
ACCN	Adirondack Com	69.14	43	P	P	17 57 58.9	-0.6
ACCN	comp-Z,72nm,1.9s			IAmb	IAmb	17 58 09.8	
833A	Chaparral WMA,	69.15	70	P	P	17 57 59.2	-0.5
833A	Chaparral WMA,	69.15	70	P	P	17 58 01.0	+1.3
P53A	Whipple	69.15	50	P	P	17 57 58.0	-1.6
P53A	comp-Z,35nm,1.3s			IAmb	IAmb	17 57 59.5	0.0
P53A	Whipple	69.15	50	P	P	17 57 59.5	0.0
K59A	Cooperstown	69.18	44	P	P	17 57 57.8	-2.0
Q52A	Bidwell	69.19	51	P	P	17 57 58.2	-1.6
G63A	Kingsbury	69.20	39	P	P	17 57 58.4	-1.3
T49A	Edmonton	69.20	55	P	P	17 57 58.7	-1.2
T49A	Edmonton	69.20	55	P	P	17 57 59.5	-0.4
T49A	comp-Z,36nm,1.2s			IAmb	IAmb	17 58 02.1	
I61A	Oroboro, Fairl	69.24	42	P	P	17 57 58.5	-1.6
S50A	Richmond	69.26	54	P	P	17 57 59.2	-1.1
N56A	West Decatur	69.27	47	P	P	17 57 59.2	-1.4
GEYT	Alibeck	69.35	307	P	P	17 58 02.0	+1.2
GEYT	comp-Z,9.2nm,1.0s,baz=339,slow=3.8,SNR=12			LR	LR	18 31 26.8	
GEYT	Alibeck	69.35	307	P	P	17 57 59.6	-1.3
GYA0B	ALIBECK ARRAY	69.35	307	P	P	17 58 00.9	+0.1
GYA0B	comp-Z,31nm,1.2s			IAmb	IAmb	17 58 06.0	
J60A	Lant Hill Farm	69.35	43	P	P	17 57 59.6	-1.2
G64A	Moxley	69.39	39	P	P	17 57 59.6	-1.3
L58A	Harry Jones Me	69.39	45	P	P	17 57 59.5	-1.5
OXF	Oxford	69.42	59	P	P	17 58 00.9	-0.4
OXF	comp-Z,143nm,1.2s			pmax	pmax		
OXF	Oxford	69.42	59	P	P	17 58 00.9	-0.4
M57A	Sunshine Farm,	69.45	46	P	P	17 58 00.2	-1.2
M57A	Sunshine Farm,	69.45	46	P	P	17 58 00.6	-0.8
M57A	comp-Z,25nm,1.0s			IAmb	IAmb	17 58 13.4	
P54A	Burton	69.46	50	P	P	17 57 59.9	-1.6
O55A	Ligonier	69.47	49	P	P	17 57 59.8	-1.8
R52A	Cattletsburg	69.53	52	P	P	17 58 00.4	-1.6
U49A	Red Boiling Sp	69.56	56	P	P	17 58 01.5	-0.7
GOF	Gofitskoye	69.58	321	P	P	17 58 03.5	+1.4
GOF	comp-Z,81nm,1.3s			pmax	pmax		
T50A	Nancy	69.59	54	P	P	17 58 01.3	-1.1
L59A	Walton	69.60	45	P	P	17 58 00.9	-1.5
L59A	Walton	69.60	45	P	P	17 58 00.9	-1.5
Q53A	Cedars of Leba	69.64	56	P	P	17 58 02.5	-0.2
CLTN	CLTN	69.64	56	P	P	17 58 02.5	-0.2
CLTN	comp-Z,44nm,1.0s			IAmb	IAmb	17 58 04.8	
ESK	Eskdalemuir	69.65	354	P	P	17 58 05.4	+3.0
S51A	Beattyville	69.67	53	P	P	17 58 00.9	-1.9
MCWV	Mont Chateau	69.69	49	P	P	17 58 02.1	-0.7
V48A	Smith Brothers	69.69	56	P	P	17 58 02.3	-0.7
V48A	Smith Brothers	69.69	56	P	P	17 58 02.7	-0.3
V48A	comp-Z,59nm,1.1s			IAmb	IAmb	17 58 09.6	
MAK	Makhachkala	69.69	317	P	P	17 57 56.6	-6.2
MAK	comp-Z,60nm,0.8s			eS	eS	18 07 03.7	-6.8
MAK	comp-Z,1um,17.0s			pmax	pmax		
PLAL	Pickwick Lake	69.69	58	P	P	17 58 02.3	-0.7
PLAL	comp-Z,63nm,1.1s			IAmb	IAmb	17 58 04.7	
M58A	Price's Panora	69.70	46	P	P		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like S56A Natural Bridge, M63A Gales Ferry, SORM Soroca, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KIS Kishinev, W54A Cherokee Peak, MORC Moravsky Berou, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 252A Lumpkin, KHC Kasperske Hory, KHC Kasperske Hory, etc.

3d 19h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like CTAO, LOR, TUE, CTI, etc.

2013 OCT

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like PAB, PMRV, PMTG, PSAA2, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like SIGR, SIGRI, PRK, PRK, etc.

IDC 03 18:29:06.34.5, 16:64Sx167.52E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/3.1, mbtmp3.9/5, ML4.1/1, Error ellipse: s-maj=90.3km s-min=32.4km az=85.0, Vanuatu Islands

IDC 03 19:20:01.2.0.10, 12:88S-167:01E, h0km, mb3.8/3, mb1 3.8/3, mb1mx3.5/3.2, mbtmp3.7/3, Error ellipse: s-maj=303.0km s-min=60.5km az=121.0, Santa Cruz Islands

IDC 03 18:48:03.8.1, 41:103N-67:53E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/2.8, mbtmp3.6/6, Error ellipse: s-maj=38.7km s-min=29.9km az=174.0, Owen Fracture Zone region

IDC 03 19:25:15.7.1.3, 55:13N-167:16E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.4/4.2, mbtmp3.4/4, ML2.8/1, Error ellipse: s-maj=80.3km s-min=23.3km az=151.0, ISJC.B 03 19:25:17.0.9.55, 18N.0.10:167:01E.07, h19km, mb3.3/3, Error ellipse: s-maj=13.9km s-min=6.6km az=178.7

KRSC 03 19:25:18.5:2.0, 55:07N-166:80E, h40km, 9km, ML3.9, ISJC 03 19:25:18.5:1.1, 55:22N.0.10:167:01E.07, h19km, n14, c1940/17, MB3.5/3, Komandorsky Islands region

ISK 03 18:53:20.6, 39:15N-25:78E, h6km, ML2.9/2.4, DDA 03 18:53:20.6, 39:13N-25:72E, h7km, 2km, ML2.8, ISJC.B 03 18:53:21.0, 39:0.9, 39:14N.0.02:25:80E.0/04, h7km, 3km, Error ellipse: s-maj=5.5km s-min=2.9km az=179.8, ATH 03 18:53:21.2, 39:17N-25:83E, h17km, 2km, ML2.5/4, Error ellipse: s-maj=3.0km s-min=1.6km az=90.0, THE 03 18:53:21.8, 39:15N-25:82E, h7km, 1km, ML2.4/7, Error ellipse: s-maj=1.5km s-min=0.8km az=76.0, ISC 03 18:53:21.2.0.9, 39:14N.0.02:25:80E.0/03, h8km, 5km, n51, c0:48/69, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BKI, Bering, KRutoberegovo, etc.

IDC 03 19:25:40.3.0.8, 36:76N-144:42E, h0km, mb3.2/2, mb1 3.6/5, mb1mx3.4/5.2, mbtmp3.6/5, ML3.3/3, MS2.9/1, ML1.2/9.1, ms1mx3.2/3.17, Error ellipse: s-maj=12.3km s-min=7.5km az=101.0, ISJC.B 03 19:25:43.0.9.3, 36:94N.0.04:144:17E.0.0, h33km, mb3.4/2, Error ellipse: s-maj=7.5km s-min=5.4km az=33.5, JMA 03 19:25:46.4.0.3, 36:94N.144:00E, h55km, 3km

ISC 03 19:25:45.2:1.4, 36.94N, 006:144:21E:0:10, h35km, n25, s187:30, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like JFK, JFC, JJC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like CCCH3, CCOH3, LCO3, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like SNA4, SNA5, SNA6, etc.

EAFO 03 19:26:16.0:0.5, 4.08S, 38.68E, h37km, 112km, Tanzania

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like KIBA, IBAT, BBAT, etc.

ISC/JB 03 19:49:54.0:0.4, 14:20S:0:08, 14:13W:0:09, h10km, mb4.2/12, MS3.9/19, Error ellipse: s-maj=15.0km

IDC 03 19:49:55.4:0.8, 14:12S:4:20W, h20km, mb4.2/10, mb1.4/2/10, mb1mx3.9/44, mbtmp4.2/10, MS3.9/19

NEIC 03 19:49:56.5:1.5, 14:04S:0:10, 14:3W:0:1, h10km, 1km, mb4.6/14

GCMT 03 19:50:00.0:0.4, 14:30S:0:04, 13:75W:0:03, h22km, 1km, MW5.0/80, Moment Tensor Solution. s14,c15; s80,c10; Duration: 0 Moment tensor. Scale 10^18Nm; Mrr-3.66e-30; Mss-1.81e-18; Mtt-1.85e-16; Mss-1.11e-31; Mss-1.16e-18; Mss-1.18e-22; Best double couple: M3.59500x10^16; NP2: 0s18.000000, 0s47.000000, -1.15.000000. Principal axes: T 2.9910, P1.0000, Azm46.0000; N 1.2080, P18.0000, Azm136.0000; P -4.1990, P172.0000; Azm314.0000; nst21 refers to body waves, cutoff=40s. nst22 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 03 19:49:56.0:0.5, 14:22S:0:14, 15W:0:10, h10km, n49, s130/35, mb4.4/20, MS4.0/19, 1C, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like H10S2, H10S3, H10S1, etc.

ANF 03 19:58:19.4:1.1, 13:70N:92:70W, h30km, ML4.8/79, Error ellipse: s-maj=16.0km s-min=6.6km az=7.0

GCG 03 19:58:20.6:0.8, 14:44N:93:44W, h6km, 467km, MD5.0

ISC/JB 03 19:58:31.7:0.3, 14:74N:0:03, 92:58W:0:02, h62km, mb4.3/18, Error ellipse: s-maj=4.6km s-min=2.4km az=35.0

SNET 03 19:58:31.9:1.1, 14:45N:92:71W, h28km, 94km, ML4.8

MEX 03 19:58:32.1:0.7, 14:43N:92:82W, h23km, 33km, MD4.6

NEIC 03 19:58:32.6:2.5, 14:58N:0:07, 92:65W:0:07, h66km, 5km, mb4.7/18

IDC 03 19:58:38.1:2.0, 14:75N:92:21W, h107km, 17km, mb4.0/18, mb1.4/2/20, mb1mx4.3/43, mbtmp4.4/20, MS3.5/13

MS 3.5/13, ms1mx3.3/29, Error ellipse: s-maj=22.0km s-min=9.6km az=60.0

UCR 03 19:58:40.5:1.6, 14:32N:92:05W, h21km, 18km, MD4.6, ML4.2

ISC 03 19:58:32.2:0.4, 14:63N:0:05, 92:71W:0:04, h62km, n433, s140/461, mb4.6/90, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like THIG, STG3, THIG3, etc.

ISC/JB 03 19:38:13.2:0.4, 50:28N:0:03, 114:90W:0:06, h0km, mb3.0/2, Error ellipse: s-maj=5.7km s-min=4.0km az=147.5

IDC 03 19:38:14.2:1.2, 50:17N:115:03W, h0km, mb2.8/2, mb1.3/5.5, mb1mx3.3/42, mbtmp3.1/5, ML3.5/3, Error ellipse: s-maj=16.0km s-min=9.5km az=116.0

PGC 03 19:38:15.6:0.0, 50:19N:114:79W, h0km, ML3.6, 104km northeast of Cranbrook, Bc Alberta, Canada Mining explosion.

ISC 03 19:38:13.6:0.7, 50:25N:0:04, 114:82W:0:05, h0km, n26, s143/33, Alberta

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like PRDA, WALA, SLEB, etc.

ISC/JB 03 19:49:16.7:0.7, 8:23N:0:03, 82:83W:0:02, h13km, 3km, Error ellipse: s-maj=5.5km s-min=2.8km az=22.3

UCR 03 19:49:16.9:1.8, 8:28N:82:83W, h5km, MD3.8, ML4.2

UPA 03 19:49:17.9:1.9, 8:32N:82:81W, h14km, 3km, ML4.1, MW3.4

ISC 03 19:49:17.5:1.1, 8:28N:0:04, 82:82W:0:02, h18km, 6km, n39, s103/63, 7C-12D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations like LESP3, BAG3, BAG4, etc.

TRQA Torquist 48.43 231 P P 19 58 40.3 +1.0

LPZA La Paz 52.01 266 LR LR 20 21 00.1

KMB0 Kilima Mbojo 52.43 80 LR LR 20 19 10.4

LCO LCO 54.15 244 P P 19 59 25.1 -1.1

GO04 Tololo Observa 54.30 243 P P 19 59 22.7 -1.0

KEST KEST 54.41 24 P P 19 59 25.5 +1.5

ESDC Sonseca Array 54.42 10 LR LR 20 22 33.5

PLCA Paso Flores 55.52 230 LR LR 20 20 19.6

IXG Ixpaco 2.24 101 eP Pn 19 59 07.5 +0.4

IXG Ixpaco 2.24 101 eP Pn 19 59 07.5 +0.4

IXG Ixpaco 2.24 101 eP Pn 19 59 07.5 +0.4

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IXG Ixpaco 2.24 101 eP Pn 19 59 07.5 +0.4

IXG Ixpaco 2.24 101 eP Pn 19 59 07.5 +0.4

3d 19h

Table with columns for call sign, name, frequency, power, and status. Includes stations like JTS, MOIG, FSCY, CBCY, 833A, etc.

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Table with columns for call sign, name, frequency, power, and status. Includes stations like MSTX, Muleshoe, TUL1, Leonard, etc.

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Table with columns for call sign, name, frequency, power, and status. Includes stations like S49A, Springfield, T52A, Hallie, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like MMRI, WBSI, BKSJ, CASY, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like KLR, HSIG, SNAAS, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like GTA, SHL, ZALV, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ksiaz, Ksiaz, Chvalec, Upice, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2, PETK, ILAR, SOMN, etc.

ISC/B 03:21:53.03±0.5, 51.41N±0.02±16.10E±0.03, h0km, Error ellipse: s-maj=3.5km s-min=2.2km az=15.7

0597/113, Poland ellipse: s-maj=4.4km s-min=2.2km az=16.0 VIE 03:21:53.02±0.6, 0.8, 51.55N±0.03±16.17E±0.02, h0km, m52, az=115.0, Suspected Mining induced.

FINES FINES Array B 11.31 25 Pn Pn 21 55 43.4 -1.8 comp=2.0,1nm,0.3s,baz=217,slow=8.8,SNR=4.1 IDC 03:22:11:52±0.1, 5.76, 47N×130.63E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/47, mbtmp3.6/4, MS3.0/9, Ms1 3.1/9, ms1mx2.8/40, Error ellipse: s-maj=88.8km s-min=26.4km az=157.0, Lapev S Array B 11.31 25 Pn Pn 21 55 43.4 -1.8 comp=2.0,1nm,0.3s,baz=217,slow=8.8,SNR=4.1

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like RSSD Black Hills, PFO Pinyon Flats O, BELC Belle Mtn. Jos, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KLSI I46A Reed City, N41A Hardman Midland, D53A Lac Vacivie, Po, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like D60A Saint Jean D'O, BRG Bergliesshubel, BRG Bergliesshubel, etc.

4d 1h

M54A	Oil Creek Stat	75.66	41	P	P	01 49 56.3 +0.1
M54A	Oil Creek Stat	75.66	41	I Amb	I Amb	01 49 57.5
TLB	Topalu	75.66	325	UP	P	01 49 56.7 +0.7
TLB	Topalu	75.66	325	UP	P	01 49 56.7 +0.7
NCB	Newcomb	75.73	36	I Amb	I Amb	01 49 56.9
N53A	Lisbon	75.74	42	P	P	01 49 57.0 +0.4
MODS	Modra-Piesok	75.78	334	eP	P	01 49 56.4 -0.4
MODS	Modra-Piesok			e	Pmax	01 50 05.5
MODS	Modra-Piesok	75.78	334	eP	P	01 49 56.4 -0.4
MODS	Modra-Piesok			e	Pmax	01 50 05.5
H60A	Morristown	75.78	35	P	P	01 49 57.0 +0.2
E64A	Bridgewater	75.83	31	P	P	01 49 57.3 +0.3
J58A	Remsen	75.85	37	P	P	01 49 57.3 +0.1
J58A	Remsen	75.85	37	I Amb	I Amb	01 50 10.4
O52A	Adamsville	75.88	43	P	P	01 49 57.9 +0.5
O52A	Adamsville	75.88	43	I Amb	I Amb	01 49 58.6
K57A	SciPIO Center	75.90	38	P	P	01 49 57.7 +0.2
N54A	Moraine State	75.97	41	P	P	01 49 58.3 +0.4
N54A	Moraine State	75.97	41	I Amb	I Amb	01 50 11.8
Q50A	Georgetown	75.97	45	P	P	01 49 58.7 +0.7
VOIR	West of Eustis	75.98	328	UP	P	01 49 57.7 -0.3
VOIR	West of Eustis	75.98	328	UP	P	01 49 57.7 -0.3
G62A	West of Eustis	75.98	33	I Amb	I Amb	01 49 59.9
L56A	Greenwood	75.99	39	P	P	01 49 58.4 +0.3
L56A	Greenwood	75.99	39	I Amb	I Amb	01 50 11.1
I59A	Olmsteadville	76.01	36	P	P	01 49 57.7 -0.4
T47A	Sharon Grove	76.02	48	P	P	01 49 58.9 +0.6
T47A	Sharon Grove	76.02	48	I Amb	I Amb	01 50 00.1
O53A	New Philadelph	76.04	42	P	P	01 49 58.3 -0.1
PALK	Pallekele	76.04	264	P	P	01 49 59.1 +0.3
F63A	Nahmakanta, Br	76.04	32	P	P	01 49 58.6 +0.4
J59A	Piesco	76.06	36	P	P	01 49 58.5 +0.1
M55A	Ridgway	76.06	40	P	P	01 49 57.7 +0.2
M55A	Ridgway	76.06	40	I Amb	I Amb	01 50 12.3
KHC	Kasperske Hory	76.08	337	P	Pmax	01 49 58.1 -0.4
KHC	Kasperske Hory			P	Pmax	
KHC	Kasperske Hory	76.08	337	eP	P	01 49 58.6 +0.1
KHC	Kasperske Hory			ePCP	P	01 50 09.5 -1.0
KHC	Kasperske Hory			AMS	P	02 28 00.0
KHC	Kasperske Hory			AMS	P	02 28 00.0
KHC	Kasperske Hory	76.08	337	P	P	01 49 58.1 -0.4
BUD	Budapest	76.08	332	eP	P	01 50 00.1 +1.7
H61A	Lyndonville	76.08	34	P	P	01 49 59.0 +0.5
Q51A	Peebles	76.11	45	P	P	01 49 59.4 +0.6
GR1A	Grafenberg Arr	76.14	338	I Amb	I Amb	01 50 00.1
F64A	Sherman	76.15	31	P	P	01 49 59.2 +0.3
K58A	Earlville	76.22	37	P	P	01 49 59.5 +0.1
SULR	Springfield	76.22	326	UP	P	01 49 59.4 +0.2
S49A	Springfield	76.23	47	P	P	01 49 59.9 +0.4
R50A	Paris	76.27	46	P	P	01 50 00.4 +0.7
M56A	Emporium	76.29	40	P	P	01 50 00.2 +0.4
GE2C	GERESS Array S	76.31	336	P	P	01 49 59.3 -0.6
GERES	GERESS Array B	76.31	336	P	P	01 49 58.5 -1.4
GERES	GERESS Array B			LR		02 28 30.2
GERES	GERESS Array B	76.31	336	P	P	01 49 59.3 -0.6
H62A	Milan	76.32	34	P	P	01 50 00.5 +0.6
WVT	Waverly	76.36	49	P	Pmax	01 50 01.1 +0.9
WVT	Waverly			Pmax		
WVT	Waverly	76.36	49	P	P	01 50 01.1 +0.9
SIRR	Siria	76.36	330	UP	P	01 50 00.6 +0.5
G63A	Kingsbury	76.39	32	P	P	01 50 00.5 +0.3
L57A	Andrews Acres	76.39	39	P	P	01 50 00.8 +0.4
MEM	Membach	76.42	342	P	P	01 50 00.1 -0.1
CSKK	Cskako	76.42	333	eP	P	01 50 00.1 -0.3
O54A	Aveila	76.45	42	P	P	01 50 00.5 -0.2
I61A	Oroboro, Fairl	76.50	35	P	P	01 50 01.3 +0.4
K59A	Cooperstown	76.51	37	P	P	01 50 00.8 -0.2
BST1	Sart Tilman	76.53	342	P	P	01 50 01.1 +0.2
BST1	Sart Tilman			PCP	P	01 50 12.0 -0.4
BST1	Sart Tilman			X	P	01 50 30.9
N55A	Marion Center	76.54	41	I Amb	I Amb	01 50 02.5
UCC	Uccle	76.55	343	P	P	01 50 00.5 -0.5
UCC	Uccle			X	P	01 50 07.9
G64A	Maxfield	76.56	32	P	P	01 50 01.8 +0.6
CONA	Conrad Observa	76.58	335	iP	P	01 50 01.9 +0.5
P53A	Whipple	76.59	43	P	P	01 50 01.3 -0.2
R51A	Hillsboro	76.59	45	P	P	01 50 02.1 +0.6
H63A	New Sharon	76.64	33	P	P	01 50 02.2 +0.5
Q52A	Bidwell	76.64	44	P	P	01 50 01.8 +0.1
J60A	Lant Hill Farm	76.65	36	P	P	01 50 02.1 +0.3
T49A	Edmonton	76.67	47	P	P	01 50 02.6 +0.6
AS31	Alice Springs	76.71	202	P	P	01 50 03.2 +1.0
ASAR	Alice Springs	76.71	202	P	P	01 50 03.2 +1.0
ASAR	Alice Springs			LR		02 21 54.8
ASAR	Alice Springs			LR		02 21 54.8
ASAR	Alice Springs	76.71	202	P	P	01 50 02.9 +0.7
ASAR	Alice Springs	76.71	202	P	P	01 50 02.9 +0.7
N56A	West Decatur	76.72	40	P	P	01 50 01.9 -0.3
S50A	Richmond	76.73	46	P	P	01 50 02.6 +0.3
BCLA	Clavier	76.73	342	UP	P	01 50 00.6 -1.4
BCLA	Clavier			PCP	P	01 50 12.2 -1.1
L58A	Harry Jones Me	76.75	38	P	P	01 50 02.2 -0.1
M57A	Sunshine Farm,	76.84	39	P	P	01 50 03.1 +0.3
M57A	Sunshine Farm,	76.84	39	I Amb	I Amb	01 50 16.5
J61A	Chester	76.88	35	P	P	01 50 03.2 +0.2
O55A	Ligonier	76.89	41	P	P	01 50 03.1 0.0
P54A	Burton	76.89	42	P	P	01 50 03.0 -0.2
H64A	Troy	76.94	32	P	P	01 50 03.7 +0.4
L59A	Walton	76.94	37	P	P	01 50 03.7 +0.3

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L59A	Walton	76.94	37	I Amb	I Amb	01 50 16.5
TIH	Tihany	76.94	333	eP	P	01 49 54.1 -9.2
BZS	Buzias	76.96	330	UP	P	01 50 03.2 -0.2
BZS	Buzias	76.96	330	UP	P	01 50 03.2 -0.2
I63A	Otisfield	76.98	33	P	P	01 50 04.2 +0.7
R52A	Cattlettsburg	76.99	44	P	P	01 50 04.2 +0.5
G65A	Princeton	77.00	31	P	P	01 50 04.5 -0.1
U49A	Red Boiling Sp	77.03	48	P	P	01 50 04.4 +0.3
Q53A	Leroy	77.05	43	P	P	01 50 04.5 +0.4
T50A	Nancy	77.06	47	P	P	01 50 04.6 +0.4
M58A	Price's Panora	77.08	39	P	P	01 50 04.2 0.0
MOA	Molin	77.08	336	iP	P	01 50 04.5 +0.4
HKT	Hockley	77.10	59	iP	P	01 50 05.2 +0.8
HKT	Hockley			Pmax		
SSPA	Standing Stone	77.12	40	P	P	01 50 04.7 +0.3
GIVF	Givet	77.13	342	eP	Pmax	01 50 03.8 -0.5
GIVF	Givet			Pmax		
SS1A	Beattyville	77.13	45	P	P	01 50 04.3 -0.2
O56A	Blue Knob Stat	77.15	41	P	P	01 50 04.9 +0.3
SH6A	Shamm	77.15	295	iP	P	01 50 04.3 -0.6
BANOM	Banah	77.15	295	iP	P	01 50 04.8 -0.1
BANOM	Banah			P		
BANOM	Banah	77.15	295	iP	P	01 50 04.8 -0.1
N57A	Milroy	77.16	40	P	P	01 50 04.6 0.0
V48A	Smith Prothers	77.16	49	P	P	01 50 04.6 -0.1
DOU	Dourbes	77.18	343	UP	P	01 50 03.8 -0.8
K61A	Williamstown	77.20	36	P	P	01 50 04.6 -0.3
H65A	Gastbrook	77.22	32	P	P	01 50 04.3 -0.5
P55A	Reedsville	77.25	42	P	P	01 50 05.8 +0.5
Q54A	Coxs Mills	77.25	43	P	P	01 50 05.1 -0.1
BAIF	Baives	77.29	343	eP	Pmax	01 50 04.9 -0.3
BAIF	Baives			Pmax		
ARSA	Arzberg	77.29	335	iP	P	01 50 05.7 +0.4
R53A	Hurricane	77.30	44	P	P	01 50 05.8 +0.3
M59A	Waymart	77.34	38	P	P	01 50 05.6 -0.1
MORH	Mrgy, Hungar	77.34	332	eP	P	01 50 04.0 -1.5
HERR	Herculane	77.35	329	UP	P	01 50 05.2 -0.4
N58A	Sunbury	77.42	39	P	P	01 50 06.5 +0.4
L60A	Shokan	77.43	37	P	P	01 50 06.3 +0.2
H66A	Whiting	77.45	31	P	P	01 50 06.4 +0.2
J63A	Stratford	77.48	34	P	P	01 50 06.4 0.0
L61A	Hillsdale 1, H	77.50	36	P	P	01 50 06.9 +0.3
TS1A	Gray	77.52	46	P	P	01 50 07.3 +0.6
U50A	Jamestown	77.55	47	P	P	01 50 07.4 +0.4
Q55A	Buckhannon	77.57	42	P	P	01 50 07.2 +0.1
V49A	McMinnville	77.58	48	P	P	01 50 07.2 +0.1
O57A	Amberson	77.58	40	P	P	01 50 07.3 +0.2
K62A	Royalston	77.59	35	P	P	01 50 07.2 +0.1
BRTR	Keskin Array B	77.60	319	P	LR	01 50 06.4 -0.9
BRTR	Keskin Array B			LR		02 28 57.9
BRTR	Keskin Array B	77.60	319	PCP	P	01 50 06.6 -0.7
BRTR	Keskin Array B			Pmax		
BRTR	Keskin Array B			Pmax		
BRTR	Keskin Array B	77.60	319	P	P	01 50 06.5 -0.7
MDH	Madha	77.63	295	iP	P	01 50 06.5 -1.0
MDH	Madha			P		
MDH	Madha	77.63	295	iP	P	01 50 07.1 -0.4
BEHE	Becsehely	77.66	333	eP	P	01 50 07.0 -0.3
MSFE	Esma-Masafi	77.67	295	iP	P	01 50 07.2 -0.6
MDVR	Moldovita	77.67	329	UP	P	01 50 07.2 -0.3
P56A	Dayton Farm, R	77.67	41	P	P	01 50 08.1 +0.6
N59A	State Game Lan	77.74	38	P	P	01 50 08.1 +0.2
K63A	Dunstable	77.83	35	P	P	01 50 08.5 +0.2
WSAR	Wadi Sarin	77.83	292	P	P	01 50 09.0 +0.3
M60A	Port Jervis	77.84	37	P	P	01 50 07.9 -0.5
TS2A	Hallie	77.84	45	P	P	01 50 09.4 +0.9
TS2A	Hallie			I Amb	I Amb	01 50 10.5
R54A	Victor	77.85	43	P	P	

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like CABF La Chapelle, KMSC Kings Mountain, X54A Belton, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like FORT RAYN Ar Rayn, RAYN Ar Rayn, ESDC comp=2.4nm,1.0s, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like BSWZ Blackbirch Sta, CAW Cannon Point, MSWZ Moikau Station, etc.

4d 4h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, Santo Domingo, etc.

IDC 04 03:13:13.8, 1.8, 6.16N, 73.81W, h0km, mb3.4/1, mb1 4.1/3, mb1mx3.4/28, mbtmp4.0/3, ML3.7/2, MS2.8/4, Mst 2.8/4, ms1mx2.5/25, Error ellipse: s-maj=50.3km s-min=12.6km az=124.0

RSNC 04 03:13:16.2, 1.1, 5.79N, 73.40W, h6km, 6km, ML3.7, Mw3.6 ISC 04 03:13:15.3, 1.1, 5.84N, 072.7349W, 0.02, h2km, 9km, n36, az=132/62, 5C-7D, Colombia

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Rusia, San Pablo de B, Barichara, Chingaza, Barranca, etc.

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LPAZ La Paz 22.61 167 P P 03 18 20.2 +2.0
WRA Warramunga Arr 149.54 240 PKPbc PKPbc 03 33 04.9 -2.4

BU C 04 03:26:49.9, 0.3, 45.56N, 27.88E, h3km, 1km, m1, 4/4, 10C-8D, Error ellipse: s-maj=4.1km s-min=1.0km az=43.0, Romania

Table of seismic stations for Romania region, including Negrestri, Izvoarele, Slobozia Conac, etc.

WEL 04 04:01:34.7, 1.6, 32.52N, 18.0E, 3.0, h440km, 64km, M3.9/10, mb4.2/6, MLV4.4/10, Mw(M3)3.6, Error ellipse: s-maj=0.0km s-min=0.0km az=64.1, Kermadec Islands

Table of seismic stations for Kermadec Islands region, including Matakaoa Point, Waiomatatini S, Te Kaha, etc.

SJA 04 04:17:49.6, 1.2, 32.31S, 69.69W, h125km, 6km, ML3.1, MW3.4
ISCJB 04 04:17:50.3, 0.8, 32.29S, 0.04, 69.67W, 0.04, h126km, 7km, Error ellipse: s-maj=6.5km s-min=4.6km az=139.4

GUC 04 04:17:51.7, 0.5, 32.24S, 69.55W, h100km, 14km, ML3.5
ISC 04 04:17:49.1, 1.7, 32.32S, 0.04, 69.62W, 0.04, h139km, 11km, n19, az=149/41, 3C, Mendoza Province

Main table of seismic stations for Mendoza Province region, including Leoncito, Salagasta, Cerro Valdivia, Zonda, etc.

IDC 04 04:34:56.9, 1.7, 34.31N, 25.06E, h0km, mb3.8/2, mb1 3.9/3, mb1mx3.4/35, mbtmp3.6/3, ML3.9/1, Error ellipse: s-maj=51.7km s-min=29.1km az=136.0

ATH 04 04:34:59.6, 3.4, 26N, 25.19E, h25km, 3km, ML3.1/3, Error ellipse: s-maj=6.0km s-min=2.1km az=350.0

THE 04 04:34:59.6, 3.4, 27N, 25.14E, h0km, 1km, ML2.8/6, Error ellipse: s-maj=2.9km s-min=0.8km az=164.0

Table of seismic stations for Crete region, including Sivas, San Martin, etc.

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LAST Lasithi 0.97 15 P P 04 35 17.4 -0.1
LAST Lasithi 0.97 15 P S 04 35 32.1 -0.5

Table of seismic stations for Lasithi region, including GVD, NPS, etc.

IDC 04 04:43:16.4, 2.9, 19.89S, 177.80W, h527km, 86km, mb3.2/8, mb1 3.4/8, mb1mx3.3/23, mbtmp4.1/8, Error ellipse: s-maj=45.5km s-min=31.4km az=138.0, Iliads Islands region

Main table of seismic stations for Iliads Islands region, including Stephens Creek, ASAR, WRA, etc.

JMA 04 04:48:31.4, 0.2, 29.98N, 139.97E, h321km, M3.7, Southeast of Honshu

Table of seismic stations for Southeast of Honshu region, including Chichi jima, Baha-jima-NK2, Boso, etc.

DDA 04 04:57:39.7, 4.0, 03N, 27.15E, h7km, 1km, ML2.5
ISCJB 04 04:57:40.2, 0.5, 40.04N, 0.04, 27.13E, 0.04, h9km, Error ellipse: s-maj=6.0km s-min=3.5km az=31.3

ISK 04 04:57:40.3, 4.0, 07N, 27.14E, h5km, ML2.3/11
ISC 04 04:57:39.3, 1.0, 40.03N, 0.04, 27.13E, 0.03, h9km, n16, az=52/20, Turkey

Main table of seismic stations for Turkey region, including Lapseki, Balya, Tayfur-Gelibol, etc.

NIED 04 04:57:00.37, 3.0N, 141.50E, h1km, Mw3.6 Best double couple: M3.19000, 1014 NP1, 349.00000, 843.00000, lambda=144.00000, NP2, 231.00000, 866.00000, lambda=53.00000

ISCJB 04 04:57:39.9, 1.0, 37.31N, 0.03, 141.57E, h17km, 6km, mb3.5/3, Error ellipse: s-maj=8.1km s-min=5.0km az=12.6

JMA 04 04:57:41.9, 0.1, 37.34N, 141.45E, h34km, 1km, M3.9 JMA Felt J1

IDC 04 04:57:46.0, 4.9, 37.23N, 141.36E, h53km, 43km, mb3.2/3, mb1 3.6/5, mb1mx3.3/44, mbtmp3.6/5, ML3.0/2, Error ellipse: s-maj=47.2km s-min=20.9km az=74.0

Table of seismic stations for Honshu region, including Kawauchi, Minamisoumatoc, Iwakimizuhyim, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MCHZ, KWHZ, KRZV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like TOO, CMAA, QLP, ARPS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MJAR, MAJO, MAJO, etc.

BMN	baz=225	Battle Mountain	90.48	42	Iamb	Iamb	08 44 57.0
G02	baz=22	McMinnville, O	90.54	35	P	P	08 44 56.0 +2.2
CN3	baz=22	Changchun	90.56	323	eP	pmax	08 44 53.6 -0.3
H04A	comp=Z,20nm,0.9s	North Lake	90.70	36	Iamb	Iamb	08 44 57.4
U15A	comp=Z,33nm,1.4s	Detroit Lake	90.89	47	Iamb	Iamb	08 45 00.1
WU4Z	comp=Z,12nm,0.9s	Wupatki	90.91	48	Iamb	Iamb	08 45 00.0
X18A	comp=Z,10nm,0.9s	Snowflake	91.24	50	Iamb	Iamb	08 45 01.7
KLR	comp=Z,9.1nm,1.0s	Kul'dur	91.47	330	eP	pmax	08 44 58.0 0.0
G05D	comp=Z,7.0nm,0.8s	Wamic, OR	91.53	36	P	P	08 45 00.6 +2.2
W18A	baz=226	Petrified Forest	91.73	50	Iamb	Iamb	08 45 03.7
GYA	comp=Z,19nm,1.2s	Guiyang	91.84	300	iP	pp	08 45 00.3 -0.2
GYA					SKS	SKSac	08 48 37.0 -3.4
GYA					SKS	S	08 55 31.4 +1.6
GYA					S	S	08 55 53.7 -4.7
GYA	comp=Z,20nm,0.9s				pmax	pmax	
GYA	comp=Z,190nm,5.5s				LR	LR	
GYA	comp=Z,140nm,19.2s				LR	LR	
TX31	comp=Z,120nm,20.5s	Lajitas Ar. Si	92.57	57	Iamb	Iamb	08 45 07.3
TX32	comp=Z,6.7nm,1.2s	Lajitas Arroyo	92.57	57	Iamb	Iamb	08 45 07.3
TXAR	comp=Z,2.0nm,1.0s, baz=209, slow=7.2, SNR=15	Lajitas Arroyo	92.57	57	P	P	08 45 06.3 +2.6
TXAR	comp=Z,56nm,21.9s, baz=0.0, slow=30	Lajitas Arroyo	92.57	57	P	P	09 17 55.1
TXAR	comp=Z,56nm,21.9s, baz=0.0, slow=30	Lajitas Arroyo	92.57	57	P	P	08 45 06.2 +2.4
G08A	comp=Z,6.7nm,1.2s	Pilot Rock	92.78	37	P	Iamb	08 45 05.7 +1.6
GF0A	comp=Z,16nm,1.4s	Camas Ranch	93.22	40	Iamb	Iamb	08 45 26.2
MFID	comp=Z,4.3nm,0.8s	Camas Ranch	93.22	40	Iamb	Iamb	08 45 10.2 +1.5
CMAR	comp=Z,0.7nm,0.3s, baz=132, slow=3.8, SNR=5.2	Chiang Mai Arr	93.62	289	P	PP	08 45 55.0 +0.8
CMAR	comp=Z,0.9nm,0.3s, baz=136, slow=6.5, SNR=7.1	Chiang Mai Arr	93.62	289	P	PP	09 32 38.2
ANMO	comp=Z,2.25nm,18.2s, baz=178, slow=39	Albuquerque	93.81	51	iP	iP	08 45 11.9 +2.5
ANMO	comp=Z,2.25nm,18.2s, baz=178, slow=39	Albuquerque	93.81	51	iP	iP	08 45 11.5 +2.0
CD2	comp=Z,10nm,0.5s	Chengdu	94.06	302	eP	pmax	08 45 21.0 -0.2
PDAR	comp=Z,0.7nm,0.8s, baz=210, slow=3.8, SNR=8.5	Pinedale Array	96.42	44	P	P	08 45 22.6 +1.3
PDAR	comp=Z,1.0nm,0.8s, baz=84, slow=4.4, SNR=9.2	Pinedale Array	96.42	44	P	P	09 02 05.9 -1.1
PDAR	comp=Z,6.7nm,21.8s, baz=234, slow=31	Pinedale Array	96.42	44	P	P	09 21 25.7
SEY	comp=Z,2.0nm,0.8s, baz=281, slow=7.8, SNR=8.8	Seymchan	96.44	347	eP	pmax	08 45 21.9 +1.4
HHC	comp=Z,10nm,1.4s	Hu-ho-hao-te	96.61	314	iP	pp	08 45 23.8 +1.8
LP4Z	comp=Z,4.7nm,21.1s, baz=242, slow=29	La Paz	97.89	114	LR	LR	09 19 41.2
HDA	comp=Z,4.7nm,21.1s, baz=242, slow=29	Harding Lake	98.02	13	P	Pdf	08 45 28.2 +0.6
COLA	comp=Z,6.0nm,1.0s	College	98.27	12	eP	pmax	08 45 31.1 +2.4
IL31	comp=Z,11nm,1.4s	Eielson Array	98.36	13	Iamb	Iamb	08 45 42.5
ILAR	comp=Z,1.1nm,0.8s, baz=218, slow=5.7, SNR=8.5	Eielson Array	98.36	13	P	Pdf	08 45 29.4 +0.2
ILAR	comp=Z,1.4nm,1.1s, baz=217, slow=7.8, SNR=5.5	Eielson Array	98.36	13	P	PP	08 49 25.9 -4.2
ILAR	comp=Z,0.7nm,0.8s, baz=281, slow=7.8, SNR=8.8	Eielson Array	98.36	13	P	PKiKP	08 50 01.3 +0.2
LZH	comp=Z,4.9nm,21.4s, baz=205, slow=31	Lanzhou	99.06	307	eP	pmax	09 22 29.7
LZH	comp=Z,16nm,1.0s	Lanzhou	99.06	307	eP	pmax	08 45 25.0 -8.2
LZH	comp=Z,16nm,1.0s	Lanzhou	99.06	307	eP	pmax	08 45 36.0 -1.0
LZH	comp=Z,16nm,1.0s	Lanzhou	99.06	307	eP	pmax	08 45 40.6 -9.3
BILL	comp=Z,0.9nm,1.0s	Bilbino	99.31	354	eP	pmax	08 45 30.1 -3.2
CPUP	comp=Z,0.4nm,1.0s	Villa Florida	99.64	128	LR	LR	09 22 57.0
WMQ	comp=Z,250nm,28.8s	Urumqi	113.57	308	ePKP	LR	08 50 30.1 +0.1
BOSA	comp=Z,7.9nm,1.0s, baz=92, slow=6.0, SNR=5.7	Boshof	116.86	203	PKP	PKiKP	08 50 38.0 +0.9
BOSA	comp=Z,7.9nm,1.0s, baz=92, slow=6.0, SNR=5.7	Boshof	116.86	203	PKP	PKiKP	08 50 37.7 +0.7
BOSA	comp=Z,7.9nm,1.0s, baz=92, slow=6.0, SNR=5.7	Boshof	116.86	203	PKP	PKiKP	08 50 37.3 -1.3
MKAR	comp=Z,2.2nm,0.7s, baz=162, slow=1.2, SNR=11	Makanchi Array	118.13	310	PKP	PKPpdf	08 50 37.1 -1.5
MAKZ	comp=Z,2.2nm,0.7s, baz=162, slow=1.2, SNR=11	Makanchi Array	118.13	310	PKP	PKPpdf	08 50 37.7 -1.3
MAKZ	comp=Z,2.2nm,0.7s, baz=162, slow=1.2, SNR=11	Makanchi Array	118.13	310	PKP	PKPpdf	08 50 37.7 -1.3
ZALV	comp=Z,2.2nm,0.7s, baz=162, slow=1.2, SNR=11	Zalesovo Beam	118.43	316	PKP	PKPpdf	08 50 37.8 -1.1
ZALV	comp=Z,2.2nm,0.7s, baz=162, slow=1.2, SNR=11	Zalesovo Beam	118.43	316	PKP	PKPpdf	08 50 37.2 -1.7
KSH	comp=Z,6.7nm,4.7s	Kashi	120.54	300	PKP	PKP	08 50 44.9 +1.2
KSH	comp=Z,6.7nm,4.7s	Kashi	120.54	300	PKP	PKP	08 52 17.2 +5.6
KSH	comp=Z,6.7nm,4.7s	Kashi	120.54	300	PKS	PKSdf	08 54 19.8 -0.5
KSH	comp=Z,6.7nm,4.7s	Kashi	120.54	300	AMB	AMB	
KURK	comp=Z,81nm,6.8s	Kurchatov	121.42	314	iPKiKP	PKPpdf	08 50 42.9 -1.8
KURB8	comp=Z,8.9nm,0.8s, baz=115, slow=2.2, SNR=4.8	Kurchatov Arra	121.46	313	PKP	PKPpdf	08 50 43.7 -1.2
AAK	comp=Z,3.4nm,0.6s, baz=107, slow=2.9, SNR=7.8	Ala-Archa	122.43	304	PKP	PKPpdf	08 50 46.9 -0.3
AAK	comp=Z,3.4nm,0.6s, baz=107, slow=2.9, SNR=7.8	Ala-Archa	122.43	304	PKP	PKPpdf	08 50 46.5 -0.7
KBL	comp=Z,12.4nm,2.9s	Kabul	124.47	293	PKiKP	PKPpdf	08 50 51.0 -0.4
KBL	comp=Z,12.4nm,2.9s	Kabul	124.47	293	PKiKP	PKPpdf	08 50 51.0 -0.4
POI	comp=Z,12.4nm,2.9s	Presque Isle	124.86	52	PKP	PKPpdf	08 50 51.2 -0.3
KKAR	comp=Z,12.4nm,2.9s	Karatay Array	125.39	303	PKiKP	PKPpdf	08 50 52.0 -0.7
KKAR	comp=Z,12.4nm,2.9s	Karatay Array	125.39	303	PKiKP	PKPpdf	08 50 52.0 -0.7
BVAR	comp=Z,12.4nm,2.9s	Borovoye Array	126.79	316	PKP	PKPpdf	08 50 54.3 -0.7
BRVK	comp=Z,12.4nm,2.9s	Borovoye Array	126.79	316	PKP	PKPpdf	08 50 54.8 -0.3
BRVK	comp=Z,12.4nm,2.9s	Borovoye Array	126.79	316	PKP	PKPpdf	08 50 54.3 -0.8
SPAO	comp=Z,12.4nm,2.9s	Spitsbergen Arr	132.17	356	ePKPpdf	PKPpdf	08 51 03.9 -0.7
ARU	comp=Z,2.8nm,0.5s, baz=135, slow=2.9, SNR=7.3	Arti	133.49	320	PKP	PKPpdf	08 51 07.3 -0.2
ARU	comp=Z,2.8nm,0.5s, baz=135, slow=2.9, SNR=7.3	Arti	133.49	320	iPKiKP	PKPpdf	08 51 08.2 +0.6
ARU	comp=Z,2.8nm,0.5s, baz=135, slow=2.9, SNR=7.3	Arti	133.49	320	iPKiKP	PKPpdf	08 53 36.1
ARU	comp=Z,2.8nm,0.5s, baz=135, slow=2.9, SNR=7.3	Arti	133.49	320	iPKiKP	PKPpdf	08 51 06.9 -0.7
GEYT	comp=Z,4.7nm,0.9s, baz=111, slow=3.0, SNR=6.4	Alibek	133.82	295	PKP	PKPpdf	08 51 08.9 0.0
GEYT	comp=Z,4.7nm,0.9s, baz=111, slow=3.0, SNR=6.4	Alibek	133.82	295	SKP	SKPpdf	08 54 40.2 -0.1
GEYT	comp=Z,4.7nm,0.9s, baz=111, slow=3.0, SNR=6.4	Alibek	133.82	295	PKP	PKPpdf	08 51 08.0 -0.9
KMBO	comp=Z,3.2nm,0.7s, baz=96, slow=3.9, SNR=7.9	Kilima Mbogo	133.86	233	PKP	PKPpdf	08 51 15.3 +0.2
AKTO	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Aktuybinsk	134.47	312	SKP	SKPpdf	08 54 43.2 +2.2
H10S3	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR87.2	155	T	T	11 25 22.6	
H10S2	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR87.2	155	T	T	11 25 21.1	
H10S1	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR87.2	155	T	T	11 25 37.5	
PRGR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Permogore	138.26	330	ePKiKP	PKPpdf	08 51 13.0 -3.3
HVZ3	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR88.36	155	T	T	11 26 40.5	

H10N1	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR88.36	155	T	T	11 26 41.9	
H10N2	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ASCENSION HYDR88.36	155	T	T	11 26 41.9	
ARAO	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ARCES Array S	139.08	348	PKPpre	PKPpre	08 51 09.9
ARCS	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	ARCES Array S	139.08	348	PKiKP	PKPpre	08 51 09.9
AREO	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	AREC Array S	139.08	348	ePKP	PKPpdf	08 51 17.4 -0.1
RAYN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Ar Rayn	140.89	270	PKiKP	PKPpdf	08 51 21.7 -0.7
RAYN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Ar Rayn	140.89	270	PKiKP	PKPpdf	08 51 21.7 -0.7
GRNI	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Garni	144.35	297	ePKiKP	PKPpdf	08 51 25.9 -0.4
VRH	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Novokhoporsky	144.43	316	ePKiKP	PKPpdf	08 51 25.2 -0.8
VRH	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Novokhoporsky	144.43	316	pmax	pmax	
MOS	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Moscow	144.76	325	ePKiKP	PKPpdf	08 51 24.5
ZEI	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Tsey	144.81	302	iPKiKP	PKPpdf	08 51 26.1 -1.9
NCK	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Naichik	144.96	303	ePKiKP	PKPpdf	08 51 26.8 -1.5
GOF	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Goftskoye	145.12	306	ePKiKP	PKPpdf	08 51 27.6 -1.1
AKH	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Akhalkalaki	145.24	299	PKiKP	PKPbc	08 51 29.1 -0.3
AKH	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Akhalkalaki	145.24	299	iPKiKP	PKPbc	08 51 29.6 0.0
AKH	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Akhalkalaki	145.24	299	PKiKP	PKPbc	08 51 29.1 -0.3
KBZ	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Kobuleti	145.43	303	PKiKP	PKPbc	08 51 28.9 -0.8
PUL	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Pulkovo	145.45	335	ePKiKP	PKPpdf	08 51 28.7 -0.4
LPSR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Galich'ya Gora	145.51	320	ePKiKP	PKPpdf	08 51 28.7 -0.8
LPSR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Galich'ya Gora	145.51	320	pmax	pmax	
KIV	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Kislodovsk	145.55	304	iPKiKP	PKPpdf	08 51 29.3 -0.7
KIV	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Kislodovsk	145.55	304	pmax	pmax	
OBN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Obninsk	145.59	325	PKiKP	PKPpdf	08 51 29.1 -0.3
OBN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Obninsk	145.59	325	PKiKP	PKPpdf	08 51 28.7 -0.8
OBN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Obninsk	145.59	325	iPKiKP	PKPpdf	08 51 29.2 -0.3
OBN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Obninsk	145.59	325	PKiKP	PKPpdf	08 51 28.9 -0.5
OBN	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Obninsk	145.59	325	iPKiKP	PKPpdf	08 51 28.6 -0.7
NEY	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Neytrino	145.62	303	ePKiKP	PKPpdf	08 51 30.0 -0.3
NSO	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Norsar	145.75	352	ePKiKP	PKPpdf	08 51 33.8 -0.1
VSR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Storozhevo	145.93	317	ePKiKP	PKPpdf	08 51 29.8 -0.5
VSR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Storozhevo	145.93	317	pmax	pmax	
VOR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Divnogorie	145.95	317	ePKiKP	PKPpdf	08 51 29.2 -1.1
VOR	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Divnogorie	145.95	317	pmax	pmax	
VSU	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Vasula	147.68	336	iPKiKP	PKPbc	08 51 35.1 -0.7
VSU	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Vasula	147.68	336	ePKiKP	PKPbc	08 51 35.1 -0.7
VSU	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1	Vasula	147.68	336	Iamb	Iamb	08 51 36.0
DOB	comp=Z,2.4nm,0.7s, baz=210, slow=4.0, SNR=5.1						

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like BAIF Baives, GIVF Givet, GEC2 GERRS Array S, etc.

ISC/JB 04 09:50:57.6:0.4, 39.67N:0.02:29.40E:0.04, h0km, Error ellipse: s-maj=4.6km s-min=3.2km az=3.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TVSB Tavsani, GZV Gediz, CAVI Cavusky, etc.

ISC 04 08:59:57.7, 38.90N:37.81E, h5km, ML1.9/3 DDA 04 08:59:58.5, 38.93N:37.77E, h7km, 3km, ML2.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like HEKM Malatya Hekimh, DARE Darende-Malaty, CUGUR Gurin SVAS, etc.

ISC 04 09:22:43.9, 38.49N:37.42E, h2km, ML1.9/6 DDA 04 09:22:44.9, 38.64N:37.34E, h2km, 3km, ML2.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DARE Darende-Malaty, CUGUR Gurin SVAS, ELBS KAHRAMANMARAS, etc.

IDC 04 09:33:01.0:1.3, 51.35N-81.83E, h0km, mb1 2.3/2, mb1mx2.3/5.6, mbtmp2.3/2, ML2.0/1, Error ellipse: s-maj=15.3km s-min=11.2km az=140.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBB KURBB, H46RU ZALESOVO INFRA, etc.

IDC 04 09:44:24.5:1.5, 6.17S:147.16E, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.8/8.8, mbtmp4.0/5, ML3.9/1, MS3.2/8, Ms1 3.2/8, ms1mx3.0/35, Error ellipse: s-maj=46.7km s-min=23.4km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like NEIC 04 09:44:30.2:2.2, 6.24S:147.0E:0.2, h38km, 9km, mb4.5/6, ISCBJ 04 09:44:32.1:0.8, 6.37S:147.1E:0.1, h78km, mb3.8/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PMG Port Moresby, PMG 14nm, 0.3s, baz=352, slow=9.0, SNR=22, etc.

ISC/JB 04 09:44:38.1:0.8, 21.85N:0.05:121.66E:0.03, h15km, 4km, Error ellipse: s-maj=7.9km s-min=4.1km az=161.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LAY Lan-yu, TSEB Hengchun, TWBK Hengchun, etc.

ISC 04 09:44:39.0:1.7, 22.08N:121.71E, h0km TAP 04 09:44:39.0:1.7, 22.08N:121.54E, h13km, ML3.3, C

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like EAST Anshuo, ECLT Taimali, SCZT Fangliang, etc.

ISC 04 09:44:39.0:1.7, 22.08N:121.54E, h13km, ML3.3, C

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SNST Tainan City, CHN4 Tsauhsan, CHN5 Tsauling, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like NACB Ninganchiao, ET LH Xiulin Townshi, NANS Nanao, etc.

SJA 04 09:47:12.5:1.1, 33.64S:70.37W, h120km, 6km, ML4.0, MW3.9

ISC/JB 04 09:47:14.0:1.7, 33.60S:70.35W, h118km, 2km, ML4.4, mb4.3/11, Error ellipse: s-maj=5.2km s-min=4.2km az=19.4

NEIC 04 09:47:14.3:1.5, 33.63S:0.04:70.18W:0.08, h107km, 4km GUC 04 09:47:14.0:1.7, 33.60S:70.35W, h118km, 2km, ML4.4

IDC 04 09:47:15.6:1.8, 33.56S:70.16W, h111km, 15km, mb4.0/9, mb1 4.0/14, mb1mx3.9/25, mbtmp4.2/14, MS3.0/4, Ms1 3.0/4, ms1mx3.7/26, Error ellipse: s-maj=21.3km s-min=13.0km az=98.0

ISC 04 09:47:14.5:0.5, 33.62S:0.04:70.30W:0.04, h109km, 4km, n125, 0.09/41, mb1, 0.4/39, 6C-16, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like FSR Penatolen, LMEL Las Melosas, ANTU Antumapu, etc.

ISC 04 09:47:15.6:1.8, 33.56S:70.16W, h111km, 15km, mb4.0/9, mb1 4.0/14, mb1mx3.9/25, mbtmp4.2/14, MS3.0/4, Ms1 3.0/4, ms1mx3.7/26, Error ellipse: s-maj=21.3km s-min=13.0km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ASAL Salagasta, GO05 Huala, GO05 Huala, etc.

ISC 04 09:47:15.6:1.8, 33.56S:70.16W, h111km, 15km, mb4.0/9, mb1 4.0/14, mb1mx3.9/25, mbtmp4.2/14, MS3.0/4, Ms1 3.0/4, ms1mx3.7/26, Error ellipse: s-maj=21.3km s-min=13.0km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ACAN Cantantal, AMOG Mognna, GO04 Tololo Observa, etc.

4d 9h

Table with columns: LPAZ, comp, LR, LR, 09 59 17.6, 09 51 09.5 -1.1, 09 51 31.5 -1.0, 09 51 39.4 -0.1, 09 51 53.9 +2.3, 09 52 44.9 -1.1, 09 52 45.1 -0.8, 09 53 48.1 -1.0, 09 53 48.9, 09 55 55.0 +4.0, 09 56 00.6 +4.9, 09 56 11.9 +4.4, 09 56 09.5 +1.7, 09 56 06.7 -1.1, 09 56 43.8 +0.4, 09 56 46.0 +0.6, 09 56 48.1 +0.6, 09 57 59.6 +0.8, 09 58 02.9 +0.2, 09 58 04.1 +0.2, 09 58 09.5 +1.3, 09 58 10.4, 09 58 09.7 +0.5, 09 58 11.1 +0.2, 09 58 12.9, 09 58 12.8 +0.9, 09 58 13.6, 09 58 13.9 +0.5, 09 58 25.1, 09 58 13.8 +0.2, 09 58 20.8, 09 58 13.8 +0.2, 09 58 14.4 0.0, 09 58 15.3, 09 58 14.4 -0.5, 09 58 14.8 -0.5, 09 58 16.6 +1.4, 09 58 16.5 +1.2, 09 58 16.2 +0.9, 09 58 43.2 0.0, 09 58 16.4 +1.1, 09 58 15.7 +0.1, 09 58 16.0 0.0, 09 58 17.6, 09 58 18.8 +0.3, 09 58 19.5, 09 58 22.1 +0.1, 09 58 22.9 -0.3, 09 58 24.6 -0.1, 09 58 24.8 -0.2, 09 58 28.4, 09 58 26.5 +0.8, 09 58 25.4 -0.7, 09 58 26.3, 09 58 26.8 +0.4, 09 58 27.2, 09 58 27.9 -1.3, 09 58 29.8, 09 58 30.3 +0.4, 09 58 31.0, 09 58 30.9 +0.2, 09 58 31.6, 09 58 32.0 +0.2, 09 58 31.7 -0.3, 09 58 34.2 -0.2, 09 58 35.0 -1.0, 09 58 36.2 0.0, 09 58 36.2 +0.1, 09 58 37.0, 09 58 37.1 +0.3, 09 58 36.7 -0.1, 09 58 38.1 +0.9, 09 58 38.6, 09 58 38.1 +0.6, 09 58 38.3, 09 58 40.2 +0.7, 09 58 41.6, 09 58 58.1 +1.3, 09 59 01.1 +0.5, 09 59 02.5 +0.3, 09 59 02.7 +0.5, 09 59 03.2 +0.9, 09 59 05.3, 09 59 06.9 +0.3, 09 59 14.1, 09 59 13.9 +1.7, 09 59 13.1 +1.1, 09 59 15.5 +0.5, 09 59 16.1, 09 59 15.8 +0.2, 09 59 20.2 +0.9, 09 59 20.7 +0.1, 09 59 22.8 +0.9, 09 59 23.0 -0.9, 09 59 25.7, 09 59 26.9 +0.4, 09 59 27.5, 09 59 26.6 0.0, 09 59 26.5 0.0, 09 59 26.6 0.0, 09 59 27.5 -0.4, 09 59 30.8, 09 59 29.3 +0.4, 09 59 30.9, 09 59 33.6 +0.4, 09 59 33.6 +0.1, 09 59 36.6 +1.7, 09 00 04.0 +0.4, 09 59 36.6 +1.7, 09 59 38.1 +1.3, 09 59 38.1, 09 59 37.7 +0.8, 09 00 55.9 -0.5, 09 00 55.9 -0.5, 09 00 55.9 -0.5

Table with columns: SFS 04 09:55:19.0, 40:31N:0:77E, ML3.3, GOLFO DE VALENCIA, MDD 04 09:55:19.9, 0:0, 40:39N:0:72E, h4km, 1km, mbLg3.5/38, Error ellipse: s-maj=1.1km s-min=1.0km az=121.0, PRXIMO, MDD EMS: II INTENSIDAD MAXIMA, INMG 04 09:55:20.6, 1.8, 40:31N:0:76E, h12km, 4km, ML3.2, Error ellipse: s-maj=3.5km s-min=2.0km az=121.0, LDG 04 09:55:20.4, 0.1, 40:34N:0:76E, h2km, Md3.6/2, Ml3.8/19, Error ellipse: s-maj=2.1km s-min=1.5km az=136.0, MRR 04 09:55:20.1, 0.2, 40:37N:0:70E, h5km, 3km, ML3.5/19, Error ellipse: s-maj=1.4km s-min=1.0km az=122.0, STR 04 09:55:21.6, 0.8, 40:NL5x, h30km, 3km, MLV3.9/7, ISC 04 09:55:17.6, 1.1, 40:34N:0:02:0.75E:0:02, h6km, 9km, n149, s1971/234, Spain

Table with columns: 104nm,0.4s, CPAL Palau Saverder, 2.68 42 P S Pn, 09 56 02.7 +1.4, 09 56 34.2 +0.2, 09 56 33.5 -0.6, 09 56 04.2 +2.5, 09 56 10.4 +1.0, 09 56 43.3 -1.2, 121nm,0.3s, MAHO Mahon, 2.73 98 P S Pn, 09 56 03.1 +1.0, 09 56 34.6 -0.8, 09 56 30.0 +1.0, 09 56 17.0 -1.8, 09 56 04.8 +2.7, 09 56 10.0 -0.1, 09 56 45.6 +0.1, 180nm,0.4s, FNEB Nbias, 2.76 21 P P Pn, 09 56 04.8 +2.5, 09 56 04.5 +2.1, 09 56 05.9 +1.0, 09 56 39.9 -0.6, 09 57 01.0, 91nm,0.7s, ATE Arette, 2.95 339 Pn Pn, 09 56 07.4 +2.4, 09 56 14.2 +0.1, 09 56 05.9 +1.9, 09 56 39.7 -1.0, 09 57 01.0, 159nm,0.3s, EORO Oroz-Betelu, 2.98 329 P Lg, 09 56 06.7 +1.2, 09 56 58.0, 229nm,0.5s, EARA Aranguren, 2.99 325 Pn, 09 56 07.3 +1.7, 09 56 42.9 +1.1, 09 56 59.0, 124nm,0.3s, IZUN Zunzarren, 3.01 327 P S Pn, 09 56 07.8 +1.9, 09 56 42.6 +0.3, 09 57 02.0, 65nm,0.3s, UCM Universidad Co, 3.05 271 P S Pn, 09 56 06.2 -0.3, 09 56 42.3 -1.0, 09 56 06.9 +0.4, 09 56 06.3 +0.0, 09 56 18.6 -2.5, 09 56 41.7 -1.9, 09 56 08.0 +1.4, 09 56 23.5 -2.0, 09 56 10.4 +2.8, 09 56 18.6 +0.8, 09 56 57.6 -0.8, 120nm,0.4s, MTLF Montoliu, 3.19 20 ePn, 09 56 09.9 +1.6, 09 56 19.0 +0.2, 09 56 59.5 -0.6, 82nm,0.5s, MTLF Montoliu, 3.19 20 Pn Pn, 09 56 09.6 +1.3, 09 56 19.3 +0.6, 09 57 00.3 +0.2, 09 56 09.4 +1.1, 09 56 12.2 +1.8, 09 56 51.1 +1.1, 09 56 12.2 +1.8, 09 56 51.0 +0.7, 09 57 11.0, 188nm,0.5s, TERF Tercis-les-Bai, 3.61 338 S S S, 09 56 57.3 +0.3, 09 56 57.5 +0.6, 09 56 16.2 +1.1, 09 56 58.0 -0.8, 09 56 15.6 -0.5, 09 57 20.1, 113nm,0.5s, EQES Quesada, 3.91 231 P S Pn, 09 56 20.0 +1.8, 09 57 03.0 -1.4, 09 57 32.0, 92nm,0.6s, PAB San Pablo, 4.00 260 P Lg, 09 56 20.3 +0.9, 09 57 27.0, 36nm,0.5s, MONO Montcoq, 4.04 5 Pn Lg, 09 56 21.9 +1.9, 09 57 40.0, 4.25 314 Lg, 09 57 40.0, 68nm,0.3s, LASF Ste Croix, 4.39 31 ePn Pn, 09 56 26.1 +1.3, 09 57 15.5 -0.7, 09 57 38.1 -0.4, 35nm,0.5s, TRBF Trabuc cave, 4.45 31 Pn Pn, 09 56 27.5 +1.9, 09 57 47.0, 43nm,0.6s, EADE Adamuz, 4.67 244 Lg, 09 57 52.0, 37nm,0.7s, CAF Calviac, 4.68 12 ePn Pn, 09 56 30.3 +1.4, 09 56 47.7 +0.4, 09 57 21.3 -2.2, 09 57 46.4 -1.6, 26nm,0.3s, EGOR Sierra Gorda, 4.98 231 Lg, 09 58 02.0, 18nm,0.5s, RJF Les Rejaudoux, 4.99 6 ePn Pn, 09 56 34.4 +1.3, 09 56 52.1 -1.1, 09 56 28.8 -2.3, 09 57 55.6 -2.3, 23nm,0.3s, SMRF Simiane la Rot, 5.10 43 ePn Pn, 09 58 04.0 +2.5, 39nm,0.7s, LBL Lubiaz, 5.22 20 Pn Lg, 09 56 37.8 +1.5, 09 58 14.0, 107nm,0.9s, EPLA Plascencia, 5.24 269 Lg, 09 58 14.0, 21nm,0.3s, LMR La Moure, 5.24 53 ePn Pn, 09 56 37.8 +1.3, 09 57 35.4 -1.8, 21nm,0.3s, ECAB El Cabril, 5.30 247 Lg, 09 57 38.0, 53nm,1.1s, EAR1 Arriondas, 5.34 306 Lg, 09 58 14.0, 75nm,0.9s, FRF La Foret Royal, 5.45 52 ePn Pn, 09 56 40.9 +1.6, 09 57 40.1 -2.2, 15nm,0.3s, PBRG Braganca, 5.84 287 ePn Pn, 09 56 46.8 +2.0, 09 57 50.1 -2.1, 09 56 53.8 0.0, 09 58 35.9, 16nm,0.5s, ECAL Calabor, 5.87 288 Lg, 09 58 29.0, 4.4nm,0.4s, ORIF Oris-en-Rattie, 5.94 38 ePn Pn, 09 56 49.2 +3.1, 09 57 54.5 0.0, 4.4nm,0.4s, MVO Moncorvo, 5.96 280 ePn Pn, 09 56 47.6 +1.1, 09 56 53.9 +0.6, 09 58 35.2, 31nm,0.8s, MVO Moncorvo, 5.96 280 Lg, 09 58 36.0, 40nm,0.6s, TCF Toulx Ste Croi, 6.04 10 ePn Pn, 09 56 47.4 -0.1, 09 57 53.0 -3.9, 09 58 30.0 -1.4, 40nm,0.6s, SBF Sospel, 6.09 53 ePn Pn, 09 56 50.1 +1.9, 09 57 55.6 -2.7, 13nm,0.3s, EBAD Badajoz, 6.29 258 Lg, 09 58 36.0, 3.9nm,0.2s, MFF Saint Martin d, 6.29 354 ePn Pn, 09 56 51.5 +0.6, 09 57 58.7 -4.4, 09 58 35.6 -3.9, 18nm,0.5s, PCBR Castelo Branco, 6.33 268 ePn Pn, 09 56 51.1 -0.3, 09 58 00.8 -3.2, 09 58 40.9 +0.2, 09 58 48.9, 16nm,0.8s, PMRV Marv???, 6.33 264 ePn Pn, 09 56 51.9 +0.5, 09 58 01.7 -2.3, 09 58 39.3 -1.4, 09 59 01.4, 14nm,0.8s, MTE Manteigas, 6.33 273 eS Pn, 09 58 02.8 -1.4, 09 58 40.3 -0.6, 09 58 46.7, 36nm,0.7s, BGF Bois d'Angland, 6.40 13 ePn Pn, 09 56 56.4 +4.0

M51 4.0/3.3,ms1mx3.9/4.6, Error ellipse: s-maj=10.7km
 s-min=8.0km az=150.0
 NEIC 04 11:19:01.2+1.0, 27.817N,0.006:105.64W,0.06,
 h8km,4km,mb4.6/175,Mw4.7,Md4.8(MEX), Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 M₁₁=0.25; M₂₂=0.78; M₃₃=1.03; M₁₂=0.61; M₁₃=0.42; M₂₃=0.38;
 Fault plane solution: M₁:25000°/10°16' NP1:
 0_s:126.26000°,δ53.07000°,λ-142.66000°. NP2:
 0_s:30.29000°,δ53.07000°,λ-9.88720°. Principal axes: T
 1.2980, P19.0000°, Azm253.0000°; N -1.0,1105,
 P152.0000°, Azm136.0000°; P -1.1874, P131.0000°,
 Azm353.0000°

GCMT 04 11:19:01.2+1.0, 27.820N,0.02:105.81W,0.03,h21km,1km,
 Mw4.8/91, Moment Tensor Solution. s1c16c, s91c122;
 Duration: 0 Moment tensor: Scale 10¹⁶Nm; M₁₁=-1.06; M₂₂=1.14;
 M₃₃=0.95; M₁₂=0.8; M₁₃=2.02; M₂₁=1.1; M₂₃=1.08; M₃₁=1.00; M₃₂=0.7;
 M₃₃=0.73; 15; Best double couple: M₂:35800°/10°16'
 NP1:129.0000°,δ72.0000°,λ-133.00000°. NP2:
 0_s:21.00000°,δ46.00000°,λ-25.00000°. P -0.5190,
 P26.0000°, Azm145.0000°; P -2.0960, P145.0000°;
 Azm356.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

MOS 04 11:19:02.1+1.1, 27.89N,105.64W,h24km,mb4.9/19 Error
 ellipse: s-maj=7.0km s-min=5.5km az=95.9
 MEX 04 11:19:02.9+0.5, 27.77N,105.76W,h5km,Md4.8
 ISC 04 11:19:01.8+0.3, 27.80N,105.68W,0.04,h10km,
 n274,0123/204,mb4.7/70,MS4.1/30,4C-8D, Northern
 Mexico

Code	Station Name	A°	AZ°	Phase ID	Time	Res
HPIG		0.86	179	Op	11 19 17.4	+1.1
HPIG				eS	11 19 29.0	-0.7
HPIG		0.86	179	Pg	11 19 17.3	-1.1
HPIG				Sg	11 19 29.5	-0.2
TX31	Lajitas Ar. Si	2.34	49	Pn	11 19 39.9	-0.5
TX31				Pb	11 19 43.0	-1.0
TX31				Sn	11 20 07.0	-2.2
TXAR	Lajitas Array	2.34	49	Pn	11 19 39.7	-0.7
TXAR				Pg	11 19 44.2	+0.1
TXAR				Lg	11 20 15.0	
TXAR				LR	11 20 15.4	
TXAR		2.34	49	Pn	11 19 39.5	-0.9
TXAR				Pb	11 19 39.5	-0.9
TXAR				Pg	11 19 43.1	-1.0
MNTX	Cornudas Mount	3.89	4	iP	11 20 00.7	-1.0
MNTX				Sn	11 20 46.7	-0.8
MNTX				Pb	11 20 00.8	-1.0
MNTX				Pg	11 20 11.6	+1.1
GUYB	Guaymas	4.60	272	eP	11 20 09.1	-2.3
MAIG	Mazatlan	4.64	189	iP	11 20 10.5	-1.5
MAIG				eS	11 21 02.7	-3.3
319A	Douglas	4.75	319	Pn	11 20 13.1	-0.5
HSIG		4.80	286	Pb	11 20 42.2	+0.5
HSIG				Pb	11 20 27.4	+1.4
121A	Cookes Peak, D	5.06	339	iP	11 20 17.1	-0.7
121A				eS	11 21 21.6	+5.2
121A				Sn	11 20 17.1	-0.7
LPIG	Lajitas Array	5.56	320	Pn	11 20 24.4	-0.3
LPIG				Pb	11 20 24.4	-0.3
833A	Chaparral WMA,	5.58	83	Pn	11 20 23.9	-0.9
ZAIG	Zacatecas	5.75	150	eP	11 20 27.7	+0.2
ZAIG				Pn	11 20 28.2	+0.7
JCT	Junction City	5.79	61	Pn	11 20 27.9	+0.1
JCT				eS	11 21 22.7	+5.7
JCT				Sn	11 21 35.3	+1.0
SRIG	Santa Rosalia	5.79	61	Pn	11 20 27.9	+0.1
SRIG				Pb	11 20 28.1	-0.4
LNIG	Linares	6.28	116	eP	11 20 35.0	+0.6
LNIG				eS	11 20 47.2	+1.4
TUC	Tucson	6.31	317	Pn	11 20 33.9	-1.0
TUC				Pn	11 20 33.9	-1.0
BNN	Barren Site	6.38	353	Pn	11 20 35.9	-0.2
LENM	Leimitar	6.44	350	Pn	11 20 36.9	+0.1
LPM	Los Pinos Moun	6.54	353	Pn	11 20 37.7	-0.5
ANIG	Ahuacatlan	6.80	171	iP	11 20 42.2	+0.5
ANIG				eS	11 21 58.5	+0.5
ANMO	Albuquerque	7.15	355	Pn	11 20 47.3	+0.6
ANMO				Lg	11 22 45.8	
ANMO				Pn	11 20 47.3	+0.6
ANMO				eS	11 22 08.4	+0.3
ANMO				Pn	11 20 46.9	+0.2
214A	Organ Pipe Nat	7.15	355	eP	11 20 49.8	-0.8
214A				eS	11 20 48.8	+0.2
AMTX	Amarillo	7.84	25	Pn	11 20 53.3	-0.7
W18A	Petrified Fore	8.07	336	Pn	11 20 59.1	-0.1
113A	Mohawk Valley,	8.57	307	Pn	11 21 05.7	-0.7
HKT	Hockley	8.89	74	Pn	11 21 11.5	+1.2
HKT				Pn	11 21 11.5	+1.2
MOIG	Morrellia	9.09	152	Pn	11 21 11.2	-1.2
WMOK	Wichita Mounta	9.09	39	Pn	11 21 11.8	-1.3
WMOK				pmax		
GLA	Glamis	9.47	306	Pn	11 21 18.6	+0.3
GLA				Pn	11 21 18.6	+0.3
SDDO	Sand Dand Sun	9.92	31	Pn	11 21 25.9	+0.9
BAR	Barrett	10.68	300	Pn	11 21 34.8	-0.1
PFO	Pinyon Flats O	10.93	305	Pn	11 21 38.6	+0.2
PFO				LR	11 25 20.4	
PFO				Pn	11 21 38.0	-0.4
PFO				Pn	11 21 38.0	-0.4
KNB	Kanab	10.99	329	Pn	11 21 40.5	+1.3
KNB				Pn	11 21 39.1	-0.2
CBKS	Cedar Bluff	12.05	23	Pn	11 21 52.6	-1.0
CBKS				Pn	11 21 52.6	-1.0
MIAR	Mount Ida	12.35	54	Pn	11 21 57.5	-0.1
MIAR				pmax		
CCAR	Came Creel	13.41	60	Pn	11 22 12.4	+0.3
ISA	Isabella, Lake	13.41	309	Pn	11 22 12.4	+0.2
ISA				Pn	11 22 12.4	+0.2
DUG	Dugway, Tooele	13.70	336	Pn	11 22 17.6	+1.4
DUG				pmax		
X43A	Marvell	14.32	58	Pn	11 22 23.3	-1.4
CMIG	Matias Romero	14.59	135	Pn	11 22 33.8	-1.1
CMIG				LR	11 27 43.5	
NVAR	Mina Array Bea	14.96	318	Pn	11 22 35.7	+2.2
NVAR				Pn	11 22 35.5	0.0
HVU	Hansel Valley	15.11	339	Pn	11 22 35.2	-0.2
HVU				pmax		
HVU				Pn	11 22 35.1	-0.2
ELK	Elko	15.12	331	Pn	11 22 38.4	-2.5
ELK				Lg	11 26 58.4	
ELK				Pn	11 22 44.2	
RYN	Ryan	15.22	318	Iamb	11 22 44.9	
KVN	Kaisersville	15.26	320	Iamb	11 22 48.9	
PDAR	Pinedale Array	15.26	349	Pn	11 22 37.5	-0.1
PDAR				LR	11 28 24.7	
PDAR				Pn	11 22 36.8	-0.7
PDAR				pmax		
OXF	Oxford	15.44	60	Pn	11 22 38.9	-0.8
OXF				Iamb	11 22 50.1	
AHD	Auburn Hatcher	15.57	345	Pn	11 22 40.4	-1.1
PBMO	Poplar Bluff	15.68	51	Iamb	11 22 51.5	

BMN	Battle Mountai	15.79	326	Iamb	11 22 52.4	
CCM	Cathedral Cave	15.84	46	P	11 22 42.0	-2.8
CCM				pmax		
CCM				Pn	11 22 42.0	-2.8
CCM				Iamb	11 22 53.1	
YERR	Yerrington	15.88	318	Iamb	11 22 52.7	
TPAW	Teton Pass	16.22	346	Iamb	11 22 59.3	
FVM	French Village	16.33	48	Iamb	11 22 59.1	
RSSD	Black Hills	16.34	4	P	11 22 50.7	-0.8
RSSD				pmax		
RSSD				Pn	11 22 50.6	-0.8
RSSD				Pn	11 22 52.2	-0.5
PLAL	Pickwick Lake	16.43	60	Iamb	11 23 02.3	
FLWY	Flagg Ranch	16.74	347	Iamb	11 23 01.5	
CCIG	Comitan	16.98	130	Pn	11 22 59.8	+0.1
CCIG				Iamb	11 23 10.4	
SIUC	Southern Hill	16.99	50	Iamb	11 23 06.5	
WVT	Waverly	17.25	57	Pn	11 23 02.1	-0.8
WVT				Pn	11 23 02.1	-0.8
250A	Grady	17.34	71	Iamb	11 23 14.6	
SCIA	State Center	17.37	33	Iamb	11 23 09.2	
SUSD	Miller	17.46	16	Iamb	11 23 07.4	
ECSD	EROS Data Cent	17.50	22	Pn	11 23 04.4	-1.5
ECSD				Iamb	11 23 07.0	
TEIG	Tepich	17.58	112	Sn	11 26 23.7	+0.7
TEIG				Sn	11 31 42.1	
TEIG				LR	11 31 42.1	
TEIG				Pn	11 23 07.9	-0.2
N41A	Harden Midland	17.74	40	Iamb	11 23 15.9	
P43A	Skaggs, Pawnee	17.86	44	Iamb	11 23 13.9	
T47A	Sharon Grove	18.14	55	Iamb	11 23 08.8	
DLMT	Dillon	18.37	344	Iamb	11 23 22.6	
HDIL	Hopedale	18.55	42	Iamb	11 23 24.8	
W50A	Sinai Mountain	18.85	62	Iamb	11 23 27.2	
APG	El Apazote	19.02	129	Pn	11 23 28.8	+3.9
APG				LR	11 32 32.9	
PLCI	Wyandotte Cave	19.26	52	P	11 23 24.7	-0.4
WCI	Wyandotte Cave	19.26	52	P	11 23 26.2	-0.3
WCI				pmax		
WCI				Iamb	11 23 32.1	
BLO	Bloomington	19.55	50	Iamb	11 23 34.3	
BLO				Pn	11 23 30.3	-0.8
YBH	Yreka Blue Hor	19.67	319	P	11 23 30.0	-0.8
YBH				LR	11 31 15.7	
YBH				Pn	11 23 30.2	-0.8
YBH				pmax		
V51A	Loudon	19.78	61	Iamb	11 23 36.1	
SFIN	Lafayette	19.81	46	Iamb	11 23 38.6	
M44A	Midewin, Midew	19.81	42	Iamb	11 23 38.9	
GOGA	Godfrey	19.91	68	P	11 23 33.4	-0.1
GOGA				pmax		
GOGA				P	11 23 33.4	-0.1
GOGA				Iamb	11 23 41.1	
MISO	Missoula	20.08	343	Iamb	11 23 41.1	
PINE	Pine Mountain	20.14	326	P	11 23 35.5	-0.8
TKL	Tuckaleechee C	20.18	62	P	11 23 37.0	+0.4
TKL				LR	11 31 38.9	
TKL				Pn	11 23 47.7	
V52A	Sevierville	20.38	61	Iamb	11 23 41.9	
G08A	Pilot Rock	20.41	332	P	11 23 39.4	+0.3
G08A				Iamb	11 23 41.8	

4d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, TRQA Torquist, NB2 NORARS Subara, etc.

ISCJB 04 11:45:21.8:0.4,23.77N:0.02:121.76E:0.03,h42km,7km, Error ellipse: s-maj=4.5km s-min=2.8km az=30.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ENLB Shouteng, ESL Shilin, EGFF Guangfu, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SSLB Suanglung, NNSB Datong, NNS Sun Moon Lake, etc.

NNC 04 12:25:42.9:1.7,50.76N*73.84E,h0km,mb3.6,mpv3.3, 9C-6D, Error ellipse: s-maj=16.6km s-min=14.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OTUK Ortayay, KURRB Kurchatov Arra, etc.

NIED 04 12:30:00,27.70N:140.40E,h460km,Mw4.6 Best double couple: Mo1.04000:1016 NP1:107.00000, delta4.00000, lambda-123.00000. NP2:328.00000, delta5.00000, lambda-64.00000. BUJ 04 12:30:44.3:0.0,27.52N:140.01E,h462km,mb5.0/68, mb4.7/39

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like mb4.7/105, Boin Islands region, TTO1 TONANKAI O.B.S, etc.

4d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKW3, B05A, YKA, E04D, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SFIN, D52A, E52A, W41B, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H62A, S55A, Z50A, F63A, etc.

4d 14h

Table with columns: PDAR, Pinedale Array, 94.34 43 P, 14 36 16.4 +0.2, etc.

SIGU 04 14:29:26.2 0.1, 45.6N, 0.8-27.9E, 0.8, h5km, mb3.4/5, BUC 04 14:29:27.4 0.5, 45.45N, 27.88E, h11km, 1.3km, mb3.6/8, Error ellipse: s-maj=5.0km s-min=2.2km az=56.0, ISJCJB 04 14:29:26.3 0.5, 45.58N, 0.02-27.95E, 0.03, h8km, 3km, mb3.6/8, Error ellipse: s-maj=2.6km s-min=2.3km az=156.4

MOS 04 14:29:26.9 1.0, 45.52N, 27.90E, h18km, mb4.2/1, Error ellipse: s-maj=6.8km s-min=3.7km az=91.3, IDC 04 14:29:27.4 1.7, 45.45N, 27.88E, h11km, 1.3km, mb3.6/8, mb1 3.7/13, mb1mx3.6/7, mbtmp3.7/13, ML3.6/5, MS2.8/1, Ms1 2.8/1, ms1mx2.1/47, Error ellipse: s-maj=11.7km s-min=9.8km az=76.0

SOF 04 14:29:28.7, 45.38N, 27.79E, h15km, MD2.9, IDC 04 14:29:26.8 0.7, 45.51N, 0.02-27.85E, 0.02, h10km, 4km, n119, r1931/166, mb3.7/8, 42C-15D, Romania

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Main table with columns: BURAR, Bucovinia Array, 2.78 320 P, Pn, 14 30 13.5 +2.0, etc.

Main table with columns: MKAR, Makanchi Array, 37.10 68 P, P, 14 36 38.9 +1.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JSTM Santa Teresa H, PAHR Pah Rang Range, PNTR Pine Nut, etc.

IDC 04 15:00:18.6:3.0, 21:02S:175.98W, h0km, mb2.6, mb1 4.4/6, mb1mx4.0/34, mbtmp4.2/6, MS4.8/1, Ms1 4.8/1, ms1mx2.9/38, Error ellipse: s-maj=148.3km s-min=26.8km az=147.0, Tonga Islands

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

IDC 04 15:13:54.1:3.6, 6:07S:147.41E, h60km, 4.1km, mb3.5/2, mb1 3.7/4, mb1mx3.3/29, mbtmp3.7/4, ML3.8/1, MS3.0/1, Ms1 3.0/1, ms1mx2.2/25, Error ellipse: s-maj=69.3km s-min=22.0km az=104.0, Eastern New Guinea region

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

ISCJB 04 15:39:19.9:1.0, 23:11N:143.6E:0.3, h100km, mb3.9/9, Error ellipse: s-maj=34.4km s-min=6.6km az=172.9

IDC 04 15:39:21.4:2.7, 23:06N:143.44E, h92km, 2.3km, mb3.7/8, mb1 3.7/11, mb1mx3.5/73, mbtmp4.0/11, MS3.1/1, Ms1 3.1/1, ms1mx2.3/48, Error ellipse: s-maj=46.8km s-min=14.9km az=82.0

JMA 04 15:39:24.7:0.1, 23:44N:143.77E, h141km, H4.9, ISC 04 15:39:21.8:1.5, 23:10N:143.5E:0.3, h100km, n26, s128/22, mb4.0/8, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBJH Chichijima, JCUJ Chichijima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 22.16, H11S2 WAKE ISLAND Hy 22.17, SONM Songo Array, etc.

SOME 04 15:40:18.6, 42:23N:79:70E, h15km, KRNET 04 15:40:18.5:0.1, 42:26N:79:66E, h15km, mb2.8, NINC 04 15:40:19.1:1.5, 42:28N:79:67E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=9.7km s-min=5.9km az=143.0, ISCJB 04 15:40:20.4:0.9, 42:27N:79:45E:0.05, h10km, Error ellipse: s-maj=6.9km s-min=4.1km az=44.5, ISC 04 15:40:19.5:1.5, 42:26N:05:79:66E:0.05, h10km, n48, s119/89, 12C-7D, Lake Issyk-Kul region

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

ISCJB 04 15:45:32.8:1.8, 33:98N:0:05:36:19E:0:08, h19km, 44km, Error ellipse: s-maj=11.4km s-min=6.8km az=152.0, GRAL 04 15:45:33.2:0.3, 34:00N:36:14E, h29km, 4km, MD2.9, NSSC 04 15:45:35.0:0.7, 33:81N:36:30E, h36km, 10km, ML1.9, ISC 04 15:45:29.9:2.9, 34:04N:0:07:36E:0:11, h11km, 18km, n8, s65/14, Jordan-Syria region

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

IDC 04 15:45:55.6:1.6, 24:15S:179:44E, h510km, 15km, mb3.6/19, mb1 3.7/20, mb1mx3.7/32, mbtmp4.5/20, Error ellipse: s-maj=15.1km s-min=11.3km az=61.0, ISCJB 04 15:45:56.9:0.4, 24:22S:0:04:179:40E:0.08, h537km, mb4.1/20, Error ellipse: s-maj=10.1km s-min=4.7km az=67.8

ISC 04 15:45:57.8:0.5, 24:35S:0:07:179:42E:0:09, h537km, n96, s176/104, mb4.0/20, South of Fiji Islands

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

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

ISCJB 04 15:45:32.8:1.8, 33:98N:0:05:36:19E:0:08, h19km, 44km, Error ellipse: s-maj=11.4km s-min=6.8km az=152.0, GRAL 04 15:45:33.2:0.3, 34:00N:36:14E, h29km, 4km, MD2.9, NSSC 04 15:45:35.0:0.7, 33:81N:36:30E, h36km, 10km, ML1.9, ISC 04 15:45:29.9:2.9, 34:04N:0:07:36E:0:11, h11km, 18km, n8, s65/14, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HWQ Hawqa, QASN Qassioun, QASN Qassioun, etc.

IDC 04 15:45:55.6:1.6, 24:15S:179:44E, h510km, 15km, mb3.6/19, mb1 3.7/20, mb1mx3.7/32, mbtmp4.5/20, Error ellipse: s-maj=15.1km s-min=11.3km az=61.0, ISCJB 04 15:45:56.9:0.4, 24:22S:0:04:179:40E:0.08, h537km, mb4.1/20, Error ellipse: s-maj=10.1km s-min=4.7km az=67.8

ISC 04 15:45:57.8:0.5, 24:35S:0:07:179:42E:0:09, h537km, n96, s176/104, mb4.0/20, South of Fiji Islands

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

4d 17h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like TWVZ, FWVZ, MCHZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 15:49:00, URZ, ASAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 15:58:57, URZ, ASAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 16:05:04, URZ, ASAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 16:17:12, URZ, ASAR, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like STKA, ASAR, WRA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 16:37:36, URZ, ASAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like IDC 04 16:50:17, URZ, ASAR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BUJ, IDC 04 16:50:18, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PPLA, PMR, GHO, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
CRZF	Crozet Islands	21.01	240	Op	ISC	h m s	ISC
CRZF	comp=Z,570nm,1.1s			Iamb	Iamb	17 30 58.7	+1.0
CRZF	comp=Z,144um,22.0s					17 31 06.2	
MRIV	Mauritius Mete	25.79	309	P	P	17 31 46.9	+1.6
RER	Riviere de l'E	26.24	305	P	P	17 31 50.3	+0.8
RER	comp=Z,267nm,1.2s			Iamb	Iamb	17 32 15.6	
RER	comp=Z,60um,20.0s			IAMS_20	IAMS_20	17 38 56.1	
H01W2	Cape Leeuwin H	28.67	94	T	T	18 02 22.8	
H01W3	Cape Leeuwin H	28.68	94	T	T	18 02 27.9	
H01W1	Cape Leeuwin H	28.69	94	T	T	18 02 26.1	
MAW	Mawson	30.23	192	P	P	17 32 25.0	+0.5
MAW	comp=Z,30nm,0.9s,baz=23,slow=10,SNR=26			LR	LR	17 42 24.6	+0.1
MAW	comp=Z,103um,19.0s,baz=16,slow=32			P	P	17 32 24.9	+0.3
MAW	comp=Z,30nm,0.9s,baz=23,slow=10,SNR=26			IAMS_20	IAMS_20	17 41 48.6	
MAW	comp=Z,21um,20.0s			IAMS_20	IAMS_20	17 32 38.2	+0.3
MUN	Rocky Gully	30.98	94	P	P	17 32 36.1	+1.6
MUN	Mundaring	31.32	89	P	P	17 32 36.1	+1.6
H08S2	Diego Garcia H	31.40	349	T	T	18 05 26.6	
H08S1	Diego Garcia H	31.40	348	T	T	18 05 23.9	
H08S3	Diego Garcia H	31.41	349	T	T	18 05 25.5	
DGAR	Diego Garcia	31.63	349	P	P	17 32 37.1	-0.2
DGAR	comp=Z,307nm,1.3s			pmx	pmx		
DGAR	comp=Z,3um,18.0s			MLR	MLR		
DGAR	comp=Z,3um,18.0s			P	P	17 32 37.1	-0.2
NWAO	Narrogin (SRO)	31.77	92	P	P	17 32 40.0	+1.5
NWAO	comp=Z,317um,21.0s			P	P	17 32 37.6	-0.9
NWAO	Narrogin (SRO)	31.77	92	P	P	17 32 37.6	-0.9
NWAO	comp=Z,119nm,21.8s,baz=250,slow=31			LR	LR	17 42 35.8	
NWAO	comp=Z,13nm,0.9s,baz=266,slow=8.4,SNR=5.4			LR	LR	17 42 35.8	
NWAO	comp=Z,14um,21.8s,baz=250,slow=31			P	P	17 32 37.6	-0.9
NWAO	comp=Z,119nm,21.8s			P	P	17 32 39.2	
NWAO	comp=Z,151nm,1.5s			pmx	pmx		
NWAO	comp=Z,31um,21.0s			MLR	MLR		
NWAO	Narrogin (SRO)	31.77	92	P	P	17 32 39.2	+0.7
NWAO	comp=Z,151nm,1.5s			Iamb	Iamb	17 32 48.2	
NWAO	Narrogin (SRO)	31.77	92	IAMS_20	IAMS_20	17 42 03.3	
BLDU	Ballidu	32.27	87	P	P	17 32 44.2	+1.3
MORW	Morawa	32.42	84	P	P	17 32 45.6	+1.4
MORW	comp=Z,33,SNR=7.4			P	P	17 32 44.6	+0.3
MORW	comp=Z,238nm,1.4s			Iamb	Iamb	17 32 54.2	
KLBR	Kellerberrin	32.68	90	P	P	17 32 47.7	+1.2
CASY	Casey	33.09	157	P	P	17 32 51.1	+1.4
CASY	Casey	33.09	157	IAMS_20	IAMS_20	17 42 45.2	
ABPO	Ambohmanpanom	33.45	297	P	P	17 32 53.8	+0.3
ABPO	comp=Z,45um,22.0s			pmx	pmx		
ABPO	comp=Z,317nm,1.9s			MLR	MLR		
ABPO	comp=Z,49um,19.0s			P	P	17 32 53.8	+0.3
ABPO	comp=Z,317nm,1.9s			Iamb	Iamb	17 33 03.3	
ABPO	comp=Z,317nm,1.9s			IAMS_20	IAMS_20	17 43 01.1	
OJO	Ambohmanpanom	33.78	298	P	P	17 32 55.8	-0.6
OJO	comp=Z,5.1nm,0.7s,baz=128,slow=12,SNR=5.6			LR	LR	17 43 18.2	
GIRL	Giralta	34.40	73	P	P	17 33 02.4	+0.9
GIRL	comp=Z,23um,21.9s,baz=353,slow=30			IAMS_20	IAMS_20	17 44 23.7	
MEEK	Meekatharra	35.58	82	P	P	17 33 12.0	+0.2
KMBL	Kambalda	36.00	92	P	P	17 33 16.1	+0.7
ASO	Syowa Base	36.84	202j	eP	P	17 33 22.4	+0.4
SYO	Syowa Base	36.84	202j	eP	P	17 33 26.0	+1.1
SYA3	Syowa Base	36.84	202j	eP	P	17 33 27.4	+1.5
PSAD3	Pilbara Seismi	39.16	76	P	P	17 33 42.4	+0.2
PSAD3	comp=Z,12um,18.0s			IAMS_20	IAMS_20	17 47 28.1	
PSAD3	Pilbara Seismi	39.21	76	IAMS_20	IAMS_20	17 49 44.4	
PSAA1	Pilbara Seismi	39.24	76	IAMS_20	IAMS_20	17 49 35.2	
PSAC1	Pilbara Seismi	39.24	76	IAMS_20	IAMS_20	17 49 45.3	
PSAA0	Pilbara Seismi	39.25	76	P	P	17 33 42.6	-0.3
PSAA3	Pilbara Seismi	39.25	76	IAMS_20	IAMS_20	17 47 30.6	
PSAC2	Pilbara Seismi	39.30	76	IAMS_20	IAMS_20	17 47 31.7	
PSAD2	Pilbara Seismi	39.31	77	IAMS_20	IAMS_20	17 52 37.1	
MSEY	Mahe Island	39.81	322	P	P	17 33 47.5	-0.1
MSEY	comp=Z,348nm,1.7s			pmx	pmx		
MSEY	comp=Z,7um,20.0s			MLR	MLR		
MSEY	comp=Z,348nm,1.7s			P	P	17 33 47.5	-0.1
MSEY	comp=Z,7um,20.0s			Iamb	Iamb	17 34 01.8	
CGJI	Cibinong	40.30	45	P	P	17 33 59.4	+7.7
CISI	Cisompet, Garu	40.74	48	P	P	17 33 55.1	-0.2
CISI	comp=Z,225nm,1.4s,comp=Z,3um			P	P	17 33 54.7	-0.6
CISI	comp=Z,440nm,1.4s			Iamb	Iamb	17 34 03.8	
LWLI	Liwa	40.77	41	P	P	17 33 56.3	+0.6
CMJ1	Cimerak	40.93	49	P	P	17 34 04.8	+8.0
FORT	Forrest	41.07	94	P	P	17 34 00.6	+2.7
FORT	comp=Z,41,SNR=7.5			P	P	17 34 01.1	+1.7
LEM	Lembang	41.21	47	P	P	17 34 01.1	+1.7
KLSI	Lahat	41.40	42	P	P	17 34 01.5	+0.8
LHSI	Lahat	41.52	40	P	P	17 34 03.5	+1.8
KPJI	Karang Pucung	41.57	49	P	P	17 34 03.9	+1.8
SISI	Saibi	41.71	32	P	P	17 34 04.3	+1.1
YOGI	Yogyakarta	42.01	51	P	P	17 34 14.3	+8.6
KRJI	Kerinci	42.05	36	P	P	17 34 16.4	+10
UGM	Wanagana	42.07	52	P	P	17 34 17.7	+1.5
UGM	comp=Z,12nm,1.3s,comp=Z,5um			P	P	17 34 06.3	+0.0
PCJI	Pacitan	42.26	53	P	P	17 34 08.3	+0.6
WJJI	Wonorejo, Jwa	42.36	52	P	P	17 34 10.9	+2.7
WJJI	comp=Z,558nm,1.3s,comp=Z,7um			P	P	17 34 13.7	+2.7
PDJI	Padang	42.66	33	P	P	17 34 13.7	+2.7
SMRI	Semarang	42.70	51	P	P	17 34 14.8	+3.4
SMRI	comp=Z,190nm,1.2s,comp=Z,6um			P	P	17 34 12.2	+0.9
SMRI	comp=Z,457nm,1.4s			Iamb	Iamb	17 34 27.0	
PWJI	Pagerwojo	42.78	53	P	P	17 34 12.7	+0.7
NGJI	Ngawi	43.08	52	P	P	17 34 17.2	+2.8
NGJI	comp=Z,342nm,1.4s,comp=Z,8um			P	P	17 34 20.8	+2.9
GSI	Gunungsitoli	43.52	28	P	P	17 34 18.9	+1.0
GSI	comp=Z,73nm,2.0s,comp=Z,3um			P	P	17 34 18.9	+1.0

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
GSI	comp=Z,313nm,2.0s			Iamb	Iamb	17 34 28.4	
GSI	comp=Z,11um,18.0s			IAMS_20	IAMS_20	17 47 31.5	
GMJI	Gunung	43.63	55	P	P	17 34 19.7	+0.8
GMJI	comp=Z,204nm,1.4s,comp=Z,3um			P	P	17 34 22.2	+0.9
WRKA	Warakuma	43.92	87	P	P	17 34 22.2	+0.9
JAGI	Jajag, Banyuwa	44.94	56	P	P	17 34 20.2	+8.8
JAGI	comp=Z,204nm,1.4s,comp=Z,3um			P	P	17 34 20.5	+0.9
BKNI	Bangkang	44.02	33	P	P	17 34 25.9	+3.9
BKNI	Bangkang	44.02	33	P	P	17 34 21.9	-0.1
BKNI	comp=Z,175nm,1.2s			Iamb	Iamb	17 34 41.7	
GRJI	Gresik	44.06	53	P	P	17 34 32.8	+8.0
SBSI	Sibolga	44.24	30	P	P	17 34 38.8	+1.5
IGBI	Denpasar	44.38	58	P	P	17 34 25.5	+1.0
BOSA	Bosho	44.90	266	P	P	17 34 28.1	-1.0
BOSA	comp=Z,4.0nm,0.7s,baz=120,slow=7.7,SNR=7.3			LR	LR	17 49 21.5	
BOSA	comp=Z,64um,20.5s,baz=116,slow=31			LR	LR	17 49 21.5	
BOSA	Bosho	44.90	266	P	P	17 34 28.7	-0.4
BOSA	comp=Z,208nm,1.4s			Iamb	Iamb	17 34 43.4	
SRBI	Singaraja	44.92	57	P	P	17 34 30.6	+1.4
TPTI	Rantau Apakat	45.19	27	P	P	17 34 39.8	+8.6
RPSI	Prapat	45.20	29	P	P	17 34 33.1	+0.9
PSI	Prapat	45.40	29	P	P	17 34 33.1	0.0
HMDI	Hanimaadho	45.52	353	IAMS_20	IAMS_20	17 48 24.2	
KCSI	Kotacane, Aceh	45.64	27	P	P	17 34 35.7	+0.8
FITZ	Fitzroy Crossi	45.69	77	P	P	17 34 35.4	+0.1
FITZ	comp=Z,46,SNR=1.4			P	P	17 34 34.3	-1.0
FITZ	Fitzroy Crossi	45.69	77	P	P	17 34 35.0	-0.3
PALK	Pallekele	45.79	3	P	P	17 34 35.3	-0.8
PALK	comp=Z,12nm,0.9s,baz=291,slow=2.7,SNR=3.9			P	P	17 34 38.3	+2.3
PALK	Pallekele	45.79	3	P	P	17 34 35.3	-0.8
PALK	comp=Z,129nm,1.4s			pmx	pmx		
PALK	comp=Z,10um,21.0s			MLR	MLR		
PALK	Pallekele	45.79	3	P	P	17 34 35.3	-0.8
PALK	comp=Z,129nm,1.4s			Iamb	Iamb	17 34 55.7	
PALK	comp=Z,10um,21.0s			IAMS_20	IAMS_20	17 48 34.4	
MLSI	Meulaboh, Aceh	45.86	25	P	P	17 34 53.5	+1.7
PLAI	Plampang	46.09	60	P	P	17 34 38.8	+0.3
LBTB	Labatse	46.37	271	P	P	17 34 42.0	+1.3
LBTB	comp=Z,13nm,0.9s,baz=124,slow=7.9,SNR=14			P	P	17 34 40.0	-0.7
LBTB	Labatse	46.37	271	P	P	17 34 40.0	-0.7
LBTB	comp=Z,98nm,1.3s			pmx	pmx		
LBTB	Labatse	46.37	271	P	P	17 34 40.0	-0.7
BBOO	Bucklebo	46.42	101	P	P	17 34 41.7	+0.7
BBOO	comp=Z,47,SNR=6.0			Iamb	Iamb	17 34 54.6	
BBOO	Bucklebo	46.42	101	P	P	17 34 40.3	-0.7
BBOO	comp=Z,76nm,1.1s			Iamb	Iamb	17 35 02.6	
BBOO	comp=Z,15um,21.0s			IAMS_20	IAMS_20	17 49 33.3	</

4d 17h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Adis Abeba, Chiang Mai, Fak Fak, Charters Tower, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HATD, GKN, ASUD, UOSS, JORH, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OUZ, PMSA, URZ, TWG, etc.

Table with columns for station call signs (e.g., NJ2, NRN, NRYN), frequencies, and various signal quality indicators (P, M, S, etc.).

Table with columns for station call signs (e.g., WMQ, URMUJ, USHA), frequencies, and various signal quality indicators (P, M, S, etc.).

Table with columns for station call signs (e.g., DBIC, KURK, TIC), frequencies, and various signal quality indicators (P, M, S, etc.).

4d 17h

Table with columns: Station, Frequency, Band, Class, and various numerical values. Includes stations like Timpano, Paso Flores, Kishinev, etc.

Table with columns: Station, Frequency, Band, Class, and various numerical values. Includes stations like CHVC, SQTa, SQTa, etc.

Table with columns: Station, Frequency, Band, Class, and various numerical values. Includes stations like PB11, MNMC, TIXI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Denali Highway, Azuro, Resolute Bay, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Carthage, Greenville, Lac Fusel, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Crawfordville, White Salmon, Taylorsville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kaye Shedlock, LPM, ISCO, BNM, PVN1, etc.

IDC 04 17:43:34.8-1.9,3.04N-122.81E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/56, mbtmp3.1/3, Error ellipse: s-maj=253.7km s-min=27.3km az=62.0, Celebes Sea

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

IDC 04 17:55:01.1-1.9,2.37S-127.12E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.2/48, mbtmp3.1/3, ML3.2/1, Error ellipse: s-maj=149.8km s-min=25.3km az=66.0, Ceram Sea

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

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

ISCJB 04 17:57:52.7-0.3,29.78S,0.05:11.90W,0.08, h10km, mb4.2/10, Error ellipse: s-maj=9.9km s-min=1.7km az=7.0

IDC 04 17:57:52.0-0.6,29.76S:11.2:0.0W, h0km, mb4.2/10, mb1 4.4/11, mb1mx2.2/31, mbtmp4.2/11, ML3.6/1, Error ellipse: s-maj=21.9km s-min=16.5km az=81.0

NEIC 04 17:57:55.1-1.6,29.8S:0.1:11.9W,0.1, h12km,3km, mb4.8/42

ISC 04 17:57:54.4-0.4,29.77S:0.08:11.96W,0.10, h10km, n86, o586/101, mb4.7/26, 1D, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPN, GO06, ROCI, etc.

IDC 04 18:05:27.6-3.0,14.51S:75.35W, h105km, g1km, mb3.3/2, mb1 3.5/4, mb1mx3.2/24, mbtmp3.7/4, Error ellipse: s-maj=46.8km s-min=21.6km az=57.0, Near coast of Peru

ISCJB 04 18:10:58.7-0.6,39.1S:0.1:78.4E:0.1, h10km, mb4.2/7, MS4.7/1, n80 ellipse: s-maj=20.2km s-min=15.0km az=161.4

IDC 04 18:10:58.9-1.1,39.24S:78.35E, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/51, mbtmp4.1/7, MS4.7/1, Ms1 4.7/1, ms1mx4.0/41, Error ellipse: s-maj=33.0km s-min=22.4km az=149.0

NEIC 04 18:11:01.4-0.7,39.1S:0.1:78.3E:0.2, h15km,2km, mb4.7/8

ISC 04 18:11:00.5-0.7,39.1S:0.1:78.3E:0.1, h10km, n26, o181/19, mb4.3/9, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAA1, ZAA2, ZAA3, etc.

IDC 04 18:05:27.6-3.0,14.51S:75.35W, h105km, g1km, mb3.3/2, mb1 3.5/4, mb1mx3.2/24, mbtmp3.7/4, Error ellipse: s-maj=46.8km s-min=21.6km az=57.0, Near coast of Peru

ISCJB 04 18:10:58.7-0.6,39.1S:0.1:78.4E:0.1, h10km, mb4.2/7, MS4.7/1, n80 ellipse: s-maj=20.2km s-min=15.0km az=161.4

IDC 04 18:10:58.9-1.1,39.24S:78.35E, h0km, mb4.1/7, mb1 4.2/7, mb1mx3.9/51, mbtmp4.1/7, MS4.7/1, Ms1 4.7/1, ms1mx4.0/41, Error ellipse: s-maj=33.0km s-min=22.4km az=149.0

NEIC 04 18:11:01.4-0.7,39.1S:0.1:78.3E:0.2, h15km,2km, mb4.7/8

ISC 04 18:11:00.5-0.7,39.1S:0.1:78.3E:0.1, h10km, n26, o181/19, mb4.3/9, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W3, etc.

4d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

ISCJB 04 18:26:15.5:0.4, 38.88S:0.08:7.1E:0.1, h10km, mb4.0/10, Error ellipse: s-maj=14.8km s-min=10.9km

IDC 04 18:26:15.8:0.8, 38.91S:7.19E, h0km, mb4.0/10, mb1.4/1.0, mb1mx3.9/3.5, mbtmp4.0/10, Error ellipse: s-maj=24.2km s-min=20.9km az=135.0

NEIC 04 18:26:18.2:1.1, 38.6S:0.2:7.8E:0.2, h15km, mb4.5/8

ISC 04 18:26:16.9:0.6, 38.9S:0.1:7.8E:0.1, h10km, n37, r132/30, mb4.2/12, 2C, Mid-Indian Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

IDC 04 18:42:38.9:1.0, 16.125S:174.12W, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.8/3.8, mbtmp3.9/6, ML3.1/1, Error ellipse: s-maj=38.8km s-min=23.8km az=139.0

NEIC 04 18:42:47.8:1.2, 16.44S:0.09:173.9W:0.1, h28km, mb4.4/4

ISCJB 04 18:42:48.0:0.7, 16.5S:0.1:173.86W:0.08, h100km, Error ellipse: s-maj=14.5km s-min=11.2km az=162.1

ISC 04 18:42:49.6:0.8, 16.43S:0.07:173.71W:0.09, h100km, n17, r199/19, Tonga Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AF1 Afiamalu, NIUE Niue, KNTN Kanton, etc.

IDC 04 18:44:06.4:5.8, 23.97N:123.23E, h0km, mb3.7/2, mb1.0/3.0, mb1mx3.4/5.3, mbtmp3.9/3, ML4.1/1, MS4.7/2, Ms1.4/7.2, ms1mx3.4/4.8, Error ellipse: s-maj=30.7km s-min=40.1km az=95.0

ISCJB 04 18:44:12.9:0.3, 24.49N:0.122:122.88E:0.01, h97km, mb3.6/2, Error ellipse: s-maj=3.6km s-min=2.2km

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Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, EOS1 EOS1, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NCU, CHGB Renai, CHGB Renai, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like MASBT Mashbululo, EAST Anshiuo, SCZT Fangliu, etc.

ISC/JB 04 18:49:58.5±0.7, 38.7S; 0.1x78.3E±0.2, h10km, mb4.0/6, Error ellipse: s-maj=25.2km s-min=18.4km az=3.7

ISC 04 18:50:00.1±0.9, 38.7S; 0.2x78.3E±0.2, h10km, n20, of63/14, mb4.0/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISC/JB 04 18:54:02.5±0.8, 18.09S; 0.108x178.25W±0.08, h544km, 12km, mb4.3/10, Error ellipse: s-maj=14.5km s-min=8.7km az=139.8

ISC 04 18:54:03.4±2.4, 18.27S; 178.20W, h543km, 26km, mb3.8/11, mb1 3.9/12, mb1 mx3.5/34, mbtmp4.7/12, Error ellipse: s-maj=22.9km s-min=15.2km az=139.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like AF1 Afiamalu, NIUE Niue, MARNC Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like AS31 Fak Fak, AS31 Alice Springs, ASAR Alice Springs, etc.

ISC/JB 04 18:58:58.0±0.3, 55.74N; 0.08x34.38W±0.08, h10km, mb3.8/9, Error ellipse: s-maj=11.9km s-min=6.0km az=172.6

ISC 04 18:58:57.0±0.9, 55.76N; 34.52W, h0km, mb3.8/9, mb1 4.0/11, mb1 mx3.7/55, mbtmp3.9/11, ML3.7/2, Error ellipse: s-maj=25.7km s-min=19.9km az=8.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like BORG Borgarnes, BORG Borgarnes, BORG Borgarnes, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like BR101 Keskin Array S, BRTR Keskin Array B, BOZ Keskin Array B, etc.

ISC 04 19:01:19.6±2.4, 55.77N; 0.34x60W, h0km, mb4.0/3, mb1 3.9/4, mb1 mx3.5/51, mbtmp3.9/4, ML2.8/1, Error ellipse: s-maj=68.9km s-min=36.0km az=83.0

ISC/JB 04 19:01:20.7±0.9, 55.81N; 0.2x33.9W±0.3, h10km, mb4.0/3, Error ellipse: s-maj=24.3km s-min=22.4km az=146.7

ISC 04 19:01:22.8±1.0, 55.77N; 0.2x34.1W±0.2, h10km, n12, of94/12, mb4.2/5, Reykjanes Ridge

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like EKA Eskdalemuir Arr, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, etc.

ISC/JB 04 19:05:49.2±0.5, 55.72N; 0.09x35.1W±0.1, h10km, mb3.9/12, Error ellipse: s-maj=13.0km s-min=9.3km az=169.0

ISC 04 19:05:51.3±1.0, 55.84N; 34.69W, h0km, mb3.9/12, mb1 4.0/13, mb1 mx3.8/48, mbtmp3.9/13, ML3.7/1, Error ellipse: s-maj=26.1km s-min=20.2km az=42.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, h m s, ISC. Includes stations like BORG Borgarnes, BORG Borgarnes, BORG Borgarnes, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like Leonard, Black Hills, Detroit Lake, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like EATA, TUTA, DUGA, KARS, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, etc. Includes stations like SVRC, ZKTA, BRD, etc.

4d 23h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PSZ, UOSS, SCETE, KIRV, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NRN, KURBS, HFC2, etc.

ATH 04 23:00:06.0, 37.41N, 21.67E, h9km, 4km, ML1.6/2, Error ellipse: s-maj=4.5km s-min=0.9km az=65.0, Southern

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AMT, ITM, JSSA, etc.

BUC 04 23:02:18.9, 0.6, 45.51N, 27.83E, h7km, 5km, m0, 8/4, 10C-10D, Error ellipse: s-maj=6.2km s-min=2.2km az=36.0, Romania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NEGR, NIL, MOTA, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SLCR, Slobozia Conac, etc.

IDC 04 23:28:01.6, 3.9, 35.81N, 71.52E, h54km, 34km, mb3.7/8, mb1.3/8, 1/2, m1mx3.5/48, mbtmp4.0/12, ML4.0/4, Error ellipse: s-maj=28.7km s-min=22.4km az=11.0, NNC 04 23:28:05.6, 2.5, 36.66N, 70.70E, h0km, mb4.3, mpv4.2, Error ellipse: s-maj=12.8km s-min=12.8km az=152.0, ISC 04 23:28:10.3, 0.7, 36.36N, 0.06, 71.33E, 0.08, h114km, n50, z206/54, mb3.8/7.5C-12D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEP, Chirai Chowk, THW, etc.

ISCJB 04 23:52:58.7, 0.5, 20.38S, 0.03:68, h183km, 7km, mb3.0/2, Error ellipse: s-maj=11.5km s-min=5.6km az=174.5

IDC 04 23:52:58.7, 0.8, 20.36S, 67.91W, h167km, 11km, mb2.9/2, mb1.3/3.6, m1mx3.1/31, mbtmp3.7/6, Error ellipse: s-maj=22.4km s-min=9.7km az=98.0, SJA 04 23:52:58.6, 0.9, 20.38S, 68.08W, h166km, 16km, ML3.2, MW3.4

GUC 04 23:52:59.9, 0.8, 20.34S, 68.33W, h180km, 7km, ML3.7, ISC 04 23:52:59.0, 0.9, 20.36S, 0.04, 66.07W, 0.08, h173km, 10km, n22, r105/36, 7C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB08, IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB01, PB11, PB02, etc.

BUC 05 00:01:46.6,0.3,45.51N-27.83E, h9km, m1.7/5, 16C-10D, Error ellipse: s-maj=5.4km s-min=2.1km az=51.0, Romania

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

BUC 05 00:01:54.2,0.5,45.43N-27.92E, h5km, m1.2/6, 12C-12D, Error ellipse: s-maj=9.6km s-min=2.6km az=53.0, Romania

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

ANF 05 00:03:05.9,0.9,40.06N-121.11W, h15km, 3km, ML2.6/6, Error ellipse: s-maj=7.5km s-min=6.2km az=179.0, NCEDC 05 00:03:05.2,1.1,40.18N-102.120.99W, h0km, 2km, M2.8

NEIC 05 00:03:05.7,0.9,40.15N-102.121.03W, h4km, 4km, ISC 05 00:03:05.6,1.1,40.16N-102.121.03W, h3km, 11km, n49, r1900/67, Northern California

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 003E, 003E, 003E, etc.

ATH 05 00:07:51.3,38.72N-22.79E, h10km, 3km, ML1.6/3, Error ellipse: s-maj=3.7km s-min=0.9km az=50.0, Greece

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

SKO 05 00:08:33.4,40.71N-22.76E, h30km, ML0.4, 1C, Greece

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

ISC/JB 05 00:11:22.9,1.3,4.4N-0.2, 92.8E-0.1, h22km, Error ellipse: s-maj=26.3km s-min=14.5km az=13.7, IDC 05 00:11:22.2,2.4,4.39N-92.81E, h0km, mb3.7/3, mb1.4/0.6, mb1mx3.6/30, mbtmp3.8/6, ML3.7/3, Error ellipse: s-maj=56.6km s-min=33.0km az=16.0, ISC 05 00:11:24.3,1.3,4.3N-0.2, 92.9E-0.1, h22km, n9, r240/7, Off west coast of northern Sumatra

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISC/JB, ATH, ISK, HLW, THE, etc.

BUC 05 00:22:43.8,0.3,45.52N-27.91E, h7km, 2km, m1.8/9, 38C-34D, Error ellipse: s-maj=2.7km s-min=1.6km az=53.0, Romania

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

NCK	Nalchik	22.32 296j	eP	P	00 31 53.9 -0.7
NCK	comp=Z,103nm,1.5s				
BRD	Bariadhala	22.35 123	S	S	00 35 55.1 +1.2
GA	Gaotai	22.41 75	eP	P	00 31 58.5 +2.8
GTA					00 32 16.6 0.0
GTA					00 32 25.5 -4.2
KBZ	Khabaz	22.86 297	eP	P	00 31 59.0 -0.9
KBZ	comp=Z,15nm,0.7s,baz=108,slow=5.9,SNR=22				00 36 05.2 +3.6
NEY	Neytrino	22.92 295ceP	P	P	00 32 02.9 +2.0
NEY	comp=Z,9.0nm,1.0s				
GOF	Gofitskoye	22.97 300j	P	P	00 32 01.5 +0.3
GOF					00 36 08.0 +4.5
GOF	comp=Z,98nm,0.8s				
GOF	comp=N,125nm,0.9s				
KVAR	Kislovodsk Arr	23.03 297	P	P	00 32 01.2 -0.7
KVAR	comp=N,12nm,0.7s,baz=203,slow=20,SNR=15				00 36 07.2 +2.5
KVAR	comp=N,24nm,0.9s,baz=203,slow=14,SNR=2.9				00 32 01.7 -0.3
KIV	Kislovodsk	23.04 297	eP	P	00 32 02.0 +0.1
KIV	SNR=13				00 36 04.4 -0.4
KIV	comp=Z,131nm,1.0s				
KIV	comp=Z,659nm,14.0s				
KIV	Kislovodsk	23.04 297	P	P	00 32 01.4 -0.5
KIV	comp=Z,35nm,0.7s				00 32 05.2
SHAO	Shalim	23.32 221	P	P	00 32 03.7 -0.9
DMTO	DMTO	23.93 222	P	P	00 32 10.3 +0.1
WHFO	Wadi Hawf	24.42 225	P	P	00 32 14.0 -0.6
WHFO	SNR=7.6				00 32 14.0 -0.6
RBK	Rabruk	24.51 223	P	P	00 32 14.7 -0.7
SOC	Sochi	25.13 296	eP	P	00 32 24.6 +3.7
SOC					00 32 44.5 +0.6
SOC					00 36 43.0 +4.8
SOC					
ABTO	Aybut	25.14 225	P	P	00 32 20.7 -0.4
ABTO	comp=Z,47nm,0.6s				
VRH	Novokhoporsky	25.63 314	eP	P	00 32 25.5 +0.2
VRH	SNR=18				
MOY	Mondy	25.64 45	eP	P	00 32 30.4 +4.8
MOY	comp=Z,50nm,0.8s				
MOY	comp=Z,43nm,1.9s				
RAYN	Ar Rayn	25.97 247	iP	P	00 32 27.9 -0.8
RAYN	SNR=54				
RAYN	Ar Rayn	25.97 247	P	P	00 32 27.8 -0.8
RAYN	comp=Z,48nm,1.1s				
RAYN	Ar Rayn	25.97 247	P	P	00 32 27.8 -0.8
RAYN	comp=Z,48nm,1.1s				
KIRV	Kirov	26.20 334	P	P	00 32 30.8 +0.5
KIRV	comp=Z,59nm,0.6s,baz=136,slow=3.0,SNR=28				
KIRV	comp=Z,647nm,20.2s,baz=139,slow=38				00 43 35.4
ZAK	Zakamensk	26.52 49	eP	P	00 32 34.8 +1.3
ZAK	comp=Z,11nm,1.5s				
ANN	Anapa	26.88 298	eP	P	00 32 35.1 -1.5
ANN	Songino Array	27.86 56	P	P	00 33 05.6 +5.8
ANN					00 33 25.9
ANN					00 37 04.1 -1.6
ANN					
VORD	Divnogorie	26.98 312	eP	P	00 32 37.3 -0.1
VORD	comp=Z,102nm,1.3s				
VSR	Storozhevoje	27.14 312	eP	P	00 32 38.4 -0.4
VSR	comp=Z,20nm,1.2s				
PLY	Talaya	27.18 46	P	P	00 32 37.4 -1.8
PLY	comp=Z,60nm,1.7s				
TLY	Talaya	27.18 46	P	P	00 32 37.4 -1.8
TLY	comp=Z,7.0nm,0.8s				
VORR	Voronezh	27.27 313	eP	P	00 32 40.0 0.0
VORR	comp=Z,25nm,1.0s				
CD2	Chengdu	27.33 93	eP	P	00 32 42.0 +1.1
CD2	comp=Z,10.0nm,0.5s				
LPSR	Galich'ya Gora	27.77 315	eP	P	00 32 43.9 -0.5
LPSR	comp=Z,20nm,0.6s				
SOMN	Songino Array	27.86 56	P	P	00 32 46.5 +1.0
SOMN	comp=Z,5.6nm,0.8s,baz=271,slow=9.3,SNR=7.7				00 32 46.5 +1.0
SOMN	comp=Z,35nm,19.6s,baz=251,slow=40				00 45 30.9
SOMN	Songino Array	27.86 56	P	P	00 32 46.4 +1.0
SOMN	comp=Z,184,slow=2.4,SNR=4.3				
ULN	Ulanbaatar	28.30 56	P	P	00 32 50.3 +0.8
ULN	comp=Z,23nm,0.7s				
ULN	Ulanbaatar	28.30 56	P	P	00 32 50.3 +0.8
ULN	comp=Z,23nm,0.7s				00 33 05.5
ASF	Jabal al Asfar	28.80 271	P	P	00 32 54.4 +0.4
ASF	comp=Z,4.2nm,1.0s,baz=184,slow=2.4,SNR=4.3				
KMI	Kumming	29.06 105	S	S	00 32 58.2 +1.7
KMI	comp=Z,13nm,0.5s				00 37 45.2 +4.4
KMI	comp=Z,13nm,0.5s				
KMI	comp=Z,370nm,28.5s				
KMI	comp=Z,310nm,14.8s				
KMI	comp=Z,270nm,36.5s				
SIM	Simferopol	29.24 298	P	P	00 33 08.0 +1.0
SIM	comp=Z,13nm,1.0s				
SIM	comp=N,100nm,13.0s				
MHMT	Maesarieng	29.71 121	P	P	00 33 04.9 +2.9
MHMT	comp=N,35nm,0.8s,comp=N,866nm				
PRGR	Permogore	29.72 335	eP	P	00 33 00.5 -1.1
PRGR	comp=Z,38nm,0.8s				
MOS	Moscow	29.73 321	eP	P	00 33 00.6 -1.2
MOS	comp=Z,69nm,1.2s				
MMAO	Mount Meron Ar	29.74 274	P	P	00 33 04.0 +1.8
MMAO	comp=Z,2.4nm,0.7s,baz=57,slow=1.9,SNR=6.9				00 33 04.0 +1.8
BR131	Keskin Array S	29.75 287	P	P	00 33 02.9 +0.5
BR131	comp=Z,9.0nm,0.6s				
BR131	Keskin Array S	29.75 287	P	P	00 33 02.9 +0.5
BR131	comp=Z,7.8nm,0.7s,baz=97,slow=7.5,SNR=41				00 33 03.4 +1.0
BRTR	Keskin Array B	29.75 287	P	P	00 33 02.8 +0.5
BRTR	comp=Z,7.8nm,0.7s,baz=97,slow=7.5,SNR=41				
CHTO	Chiang Mai	29.98 119	P	P	00 33 06.5 +2.1
CHTO	comp=Z,16nm,1.5s				
CHTO	Chiang Mai	29.98 119	P	P	00 33 06.5 +2.1
CHTO	comp=Z,5.7nm,0.9s				
OBN	Obninsk	30.02 319	P	P	00 33 04.3 0.0
OBN	comp=Z,10nm,0.5s,baz=100,slow=5.0,SNR=12				00 33 28.3
OBN	comp=Z,31nm,0.9s				00 34 06.1
OBN					00 36 11.7
OBN	comp=Z,200nm,16.0s				
OBN	Obninsk	30.02 319	P	P	00 33 04.4 0.0
OBN	Obninsk	30.02 319	P	P	00 33 04.5 +0.2
CM31	Chiang Mai Arr	30.22 120	P	P	00 33 06.5 0.0
CM31	comp=Z,27nm,1.5s				
CMAR	Chiang Mai Arr	30.22 120	P	P	00 33 06.5 0.0

CMAR	comp=Z,2.3nm,0.4s,baz=308,slow=8.7,SNR=14				00 48 22.5
CMAR	Chiang Mai Arr	30.22 120ceP	P	P	00 33 09.0 +2.5
CMAR	comp=Z,2.0nm,0.4s				
XAN	Xi'an	30.50 84	P	P	00 33 17.4 +8.5
XAN					00 33 34.7 +1.5
XAN	comp=Z,420nm,6.5s				
XAN	comp=Z,17nm,1.3s				00 33 10.0 +1.1
XAN	comp=Z,7.0nm,0.5s				00 33 10.0 +1.1
XAN	Pallekele	30.51 162	P	P	00 33 08.7 -0.4
XAN	comp=Z,11nm,1.0s,baz=296,slow=5.1,SNR=2.6				00 33 08.7 -0.4
PALK	Pallekele	30.51 162	P	P	00 33 08.7 -0.4
PALK	comp=Z,36nm,1.3s				
PALK	Pallekele	30.51 162	I	I	00 33 10.7
PALK	comp=Z,36nm,1.3s				
NANT	Nant	31.23 117	P	P	00 33 16.1 +0.7
NANT	comp=Z,108um,0.8s				
Elat	Elat	31.25 268	P	P	00 33 15.3 -0.2
Elat	comp=Z,12nm,1.0s,baz=77,slow=4.8,SNR=6.0				
EIL	Eilat	31.25 268	LR	LR	00 46 58.1
HHC	Hu-ho-hao-te	31.30 70	eP	P	00 33 18.8 +2.9
HHC	comp=Z,6.0nm,1.0s				
MDUB	Uttraridit	31.53 289	P	P	00 33 18.4 +0.4
MDUB	Uttraridit	31.82 119	P	P	00 33 22.7 +2.1
MDUB	comp=Z,2.0um,0.7s,comp=Z,202um				
ISP	Isparata	32.45 285	P	P	00 33 25.4 -0.6
ISP	comp=Z,9.0nm,0.7s				
ISP	Isparata	32.45 285	P	P	00 33 25.4 -0.6
ISP	comp=Z,33um,0.9s,comp=Z,315um				
UTHA	Uthaitani	32.57 123	P	P	00 33 29.9 +2.8
UTHA	comp=Z,2.1nm,0.6s				
DAMV	Dhamar	32.73 235	P	P	00 33 28.6 -0.3
DAMV	Yalova	32.90 290	P	P	00 33 29.6 -0.3
DAMV	Yalova	32.90 290	P	P	00 33 29.6 -0.3
YLV	Yalova	32.90 290	P	P	00 33 29.6 -0.3
YLV	comp=Z,12nm,1.0s				00 33 41.2
KIS	Kishinev	33.03 302	eP	P	00 33 30.0 -0.9
KIS	Kishinev	33.03 302	eP	P	00 34 10.0 +3.4
KIS	Kishinev	33.03 302	eP	P	00 34 28.0 -1.9
KIS	Kishinev	33.03 302	eP	P	00 34 40.0 -2.0
KIS	Kishinev	33.03 302	eP	P	00 33 30.0 -0.9
KIS	Kishinev	33.03 302	eP	P	00 34 10.0 +3.4
KIS	Kishinev	33.03 302	eP	P	00 38 40.0 -2.0
MILM	Milestii Mici	33.03 301	iP	P	00 33 31.3 +0.4
MILM	comp=Z,2.1nm,0.7s,baz=82,slow=5.7,SNR=7.1				00 33 31.4 -0.1
AKASG	Malin Array Be	33.11 308	P	P	00 50 09.9
AKASG	comp=Z,182nm,18.8s,baz=90,slow=42				
AKASG	Malin Array Be	33.11 308ceP	P	P	00 33 31.3 -0.2
AKASG	comp=Z,21nm,0.6s				
AKASG	Malin Array Be	33.11 308	I	I	00 33 30.9 -0.6
AKASG	comp=Z,21nm,0.7s				00 33 32.3
SRDT	SRDT	33.23 125	P	P	00 33 35.6 +2.7
SRDT	comp=Z,17nm,1.1s				
SORM	Soroca	33.41 304	iP	P	00 33 34.4 +0.3
SORM	Soroca	33.41 304	iP	P	00 33 34.4 +0.3
SORM	Soroca	33.41 304	iP	P	00 33 37.8 +2.8
SORM	Nongkai	33.47 115	P	P	00 33 37.8 +2.8
SORM	comp=Z,0.3nm,1.3s,comp=Z,153nm				
CFR	Carcaliu	33.48 298	iP	P	00 33 35.5 +0.7
CFR	Carcaliu	33.48 298	iP	P	00 33 35.5 +0.7
ICOR	Ion Corvin	33.76 296	iP	P	00 33 37.6 +0.4
ICOR	comp=Z,43nm,0.6s,baz=203,slow=5.6,SNR=7.1				00 33 38.6 +1.2
NRIK	Norilsk	33.81 10	P	P	00 49 02.5
NRIK	comp=Z,43nm,0.6s,baz=203,slow=5.6,SNR=7.1				
NRIK	comp=Z,220nm,21.2s,baz=196,slow=39				
CHAI	Chaiyaphum	34.08 119	P	P	00 33 42.8 +2.5
CHAI	comp=Z,57um,0.9s				
BALB	Balikesir	34.16 288	P	P	00 33 41.1 +0.3
BALB	Vri Vri	34.46 300	iP	P	00 33 45.2 +1.8
BALB	Vri Vri	34.46 300	iP	P	00 33 45.2 +1.8
TESR	Tescani	34.51 301	iP	P	00 33 44.8 +1.0
TESR	Plostinia	34.52 300	iP	P	00 33 45.7 +1.9
PLOR	Plostinia	34.52 300	iP	P	00 33 45.7 +1.9
PLOR	Istrita	34.61 298	iP	P	00 33 46.1 +1.4
ISR	Istrita	34.61 298	iP	P	00 33 46.1 +1.4
ISR	Istrita	34.61 298	iP	P	00 33 48.3 +3.4
PHET	Kaeng Krachan	34.62 126	P	P	00 33 50.0 +5.5
PHET	comp=Z,37um,0.9s				00 34 00.0 -8.4
MICGM	Minsk	34.62 315	eP	P	00 34 37.0 +1.7
MICGM					00 35 03.0
MICGM					00 39 09.0 +2.8
MICGM					00 39 50.0 +2.2
MICGM					00 41 13.0 -1.6
MICGM					00 42 00.0
MNK	Minsk	34.62 315	eP	P	00 33 50.0 +5.5
MNK					00 39 09.0 +2.8
MNK					00 42 00.0
PRAR	RASCA	34.81 302	iP	P	00 33 47.1 +0.8
PRAR	Bicaz	34.89 301	iP	P	00 33 47.5 +0.5
BIZ	Bicaz	34.89 301	iP	P	00 33 47.5 +0.5
BOD	Doibabo	34.90 39	eP	P	00 33 47.4 +0.5
BOD					00 34 11.6
BOD	comp=Z,8.0nm,1.2s				
BOD	comp=Z,41nm,1.4s				
PUL	Pulkovo	34.95 324j	eP	P	00 33 48.7 +1.4
PUL	comp=Z,54nm,0.8s				
MLR	Muntele Rosu	35.02 299	P	P	00 33 50.3 +2.0

5d 0h

2013 OCT

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BRY Bratogost, SMOL Smolenice, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC Tromso, TRO Tromso, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MYKOM Skarslia, SKAR Skarslia, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Mbarara, Monmouth, Michaelchurch, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Lusaka, Torodi, Ilulissat, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Alice Springs, Forrest, Lac du Bonnet, etc.

KNET 05:00:36:35.3.0.1, 40.88N-78.73E, h13km, mb3.2
NNC 05:00:36:35.4.2.2, 40.82N-78.67E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=15.0km, s-min=11.5km, az=164.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Taragay, Przheval'sk, Kajisay, etc.

IDC 05:01:02:32.5.1.8, 0.84S-98.38E, h0km, mb3.9/6, mb1 3.9/8,
mb1mx3.7/40, mbtmp3.8/8, ML3.8/2, Error ellipse:
s-maj=7.3km s-min=18.9km az=58.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Pulau Batu, Saibi, Padang, etc.

MDD 05 03:00:08.0.0.40'40N.0'65E,h2km,2km,mbLg1,0/3, Error ellipse: s-maj=3.1km s-min=1.7km az=126.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ALCN Alcanar, CMAS Mas de Barbera, ERTA Horta de San J, etc.

MDD 05 03:00:52.8.2.5.40'26N.0'92E,h0km,mbLg1,0/3, Error ellipse: s-maj=18.9km s-min=8.8km az=139.0, PRXIMO SIN SOLLUCIN, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ERTA Horta de San J, EMOS Mosqueruela, EPOB Poblet, etc.

ISCJB 05 03:31:44.8.0.4.43'81N.0'05:142'23E,0'06, h204km,3km,mb3.3/9, Error ellipse: s-maj=8.1km s-min=7.0km az=43.0

JMA 05 03:31:46.2.0.2.43'85N.142'24E, h198km,2km, M3.1 IDC 05 03:31:46.7.1.5.44'19N.142'16E, h191km,16km,mb3.2/9, mb1 3.4/10, mb1mx3.2/43, mbtmp3.7/10, Error ellipse: s-maj=80.8km s-min=17.8km az=179.0

ISC 05 03:31:45.7.0.7.43'81N.0'06:142'22E,0'05, h201km,5km, n31, c0574/44, mb3.5/9, Hokkaido region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including JAB Ashibetsu, ASAJ Ashikawa, JSS Shosan, etc.

ISC 05 03:54:48.1.1.4.49'37N.0'05:18'52E,0'03, h0km, n6, c0554/14, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MORC Moravsky Berou, OJC Ojcow, LANS Liptovska Anna, etc.

IDC 05 04:38:36.9.3.2.15'88N.97'77W, h0km, mb3.5/3, mb1 3.9/7, mb1mx3.6/40, mbtmp3.7/7, M-L3.5/4, M-S3.2/2, Ms1 3.2/2, ms1mx2.6/26, Error ellipse: s-maj=53.5km s-min=17.3km az=4.0

MEX 05 04:38:38.1.0.7.15'71N.97'89W, h20km,65km, MD4.0 ISCJB 05 04:38:40.1.2.16'1N.0'1:97'61W,0'07, h24km, mb3.2/2, M-S3.1/1, Error ellipse: s-maj=20.1km s-min=5.7km az=23.4

NEIC 05 04:38:42.9.1.4.16'4N.0'3:97'6W,0'1, h6km, 18km, c0554/14, M4.1 (MEX)

ISC 05 04:38:43.4.1.7.16'33N.0'2:97'63W,0'08, h24km, n40, c1355/40, mb4.0/9, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PNIG Pinotepa, VHO Vinta Hermosa, HUG Huatulco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TLIG Tiapa, CMIG Matias Romero, CMIG 8.1nm,0.3s, etc.

NEIC 05 05:29:31.9.1.8.19'93S.0'10:178'3W,0'1, h574km,7km, mb4.6/2

BJJ 05 05:29:31.7.0.0.20'07S.178'36W, h595km, mb4.5/11, mb4.8/4

ISCJB 05 05:29:32.6.0.2.20'04S.0'04:178'31W,0'05, h600km, mb4.2/25, Error ellipse: s-maj=6.9km s-min=4.5km az=32.0

IDC 05 05:29:32.3.1.4.20'05S.178'30W, h580km,16km, mb3.7/22, mb1 3.8/23, mb1mx3.7/43, mbtmp4.6/23, Error ellipse: s-maj=13.9km s-min=9.1km az=163.0

ISC 05 05:29:33.5.0.3.20'02S.0'06:178'21W,0'07, h600km, n140, c1926/147, mb4.4/54, SC-3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIUE Niue, AFI Afiamalu, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like HMH Humu'ula Sheep, MTN Manton Dam, FORT Forest, etc.

Table with columns: CLL, Collm, Time, Res, P, and various station codes like BRG, VOIR, VYHS, etc.

Table with columns: N55A, WVT, J61A, L58A, I63A, P53A, N56A, M57A, L59A, T49A, O55A, P54A, K61A, I64A, S54A, N57A, OXF, O56A, Q53A, U49A, T50A, S51A, P55A, Q54A, Q54A, N58A, V48A, R53A, Q55A, N59A, U50A, V49A, O58A, TZTN, R55A, P58A, U52A, V52A, W51A, T55A, U54A, X52A, Y51A, Z50A, Z50A, X53A, W54A, X54A, U58A, Y54A, V59A, ESDC, TOA1, TORO, PB11, GO02, LCO, LCO, GO04, BDFB, BDFB, SNA4, SNA4, SNA4, GO05, VNA2, VNA3, VNA1, PLCA, CPUP, CPUP, SIUJ, SIUJ, FITZ, FITZ, WRA, WRA, ASAR, ASAR, STKA, MKAR, NEIC, RSPR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like PCDR, AGPR, MPR, CRPR, AOPR, DR12, MLPR, EMPR, GBRP, OBIP, CELP, SDD, SDD, IGPR, PDRP, CBYP, MHP, HUMP, BANI, MTP, SC01, SDD, SDD, SDD, JKMJ, OFUJ, JIKH, JIOJ, JMK, JOM, JOU, JOU, JRM, JRM, JYS, MAT, ASAJ, JHJ, JHJ, USRK, KSRJ, SONM, H112, H111, H113, H111, H113, H112, ZALV, MKAR, ILAR, FITZ

Table with 4 columns: WRA, FINES, WARRAMUNGA ARR, and FINES ARRAY. Includes station names, frequencies, and coordinates.

ISCJB 05 08:34:13.5:0.8,5:19S:0.07:152.73E:0.09,h55km, mb3/9,MS3.6/3, Error ellipse: s-maj=13.7km

IDC 05 08:34:16.0:2.8,5:14S:152.72E,h61km,19km,mb3.7/9, mb1.4/0.1,mb1mx3.7/36,mbtmp4/0.11,MS3.5/4, Ms1.3/5.4,ms1mx3.0/38, Error ellipse: s-maj=31.5km

ISC 05 08:34:15.1:1.0,5:10S:0.08:152.7E:0.1,h55km,n18, f=102.17,mb3.8/MS3.4/3, New Britain region

Main station list for the first section, including codes, station names, frequencies, and coordinates.

GCG 05 08:37:12.5:3.0,3:15.56N:91.21W,h120km,46km,MD3.7

SNET 05 08:37:18.1:1.2,13:81N:91.18W,h20km,4km,ML3.5

ISC 05 08:37:14.8:1.7,13:54N:90.9124W:0.06,h10km,n37, f=173/54, Near coast of Guatemala

Main station list for the second section, including codes, station names, frequencies, and coordinates.

ISCJB 05 08:52:03.1:0.4,25:07N:0.05:98.08E:0.04,h10km, mb3/9,MS3.1/1, Error ellipse: s-maj=8.1km

IDC 05 08:52:03.0:5.0,7:25:17N:98.31E,h0km,mb4.0/1.1, mb1.4/1.1,mb1mx3.8/61,mbtmp4/0.11,MS3.2/4, Ms1.3/3.2,ms1mx2.7/38, Error ellipse: s-maj=34.9km

NEIC 05 08:52:05.2:2.25:1N:0.1:98.14E:0.09,h11km,3km, mb4.4/12

BUI 05 08:52:05.9:0.0,25:09N:97.92E,h5km,mb4.2/6,ML4.1/6, Ms3.9/3,Ms7.3/8.2

ISC 05 08:52:05.8:0.5,25:18N:98.05E:0.05,h10km,n56, f=2507/62,mb4.3/17, Myanmar-China border region

Main station list for the third section, including codes, station names, frequencies, and coordinates.

ISCJB 05 08:52:03.1:0.4,25:07N:0.05:98.08E:0.04,h10km, mb3/9,MS3.1/1, Error ellipse: s-maj=8.1km

IDC 05 08:52:03.0:5.0,7:25:17N:98.31E,h0km,mb4.0/1.1, mb1.4/1.1,mb1mx3.8/61,mbtmp4/0.11,MS3.2/4, Ms1.3/3.2,ms1mx2.7/38, Error ellipse: s-maj=34.9km

NEIC 05 08:52:05.2:2.25:1N:0.1:98.14E:0.09,h11km,3km, mb4.4/12

BUI 05 08:52:05.9:0.0,25:09N:97.92E,h5km,mb4.2/6,ML4.1/6, Ms3.9/3,Ms7.3/8.2

ISC 05 08:52:05.8:0.5,25:18N:98.05E:0.05,h10km,n56, f=2507/62,mb4.3/17, Myanmar-China border region

Main station list for the fourth section, including codes, station names, frequencies, and coordinates.

Table with 4 columns: KMI, KMI, KMI, KMI. Includes station names, frequencies, and coordinates.

ISCJB 05 08:57:20.0:0.5,51:62N:173.16W,h0km,mb4.7/45, mb1.4/4.7,mb1mx4.8/69,mbtmp4.7/47,ML4.3/2,MS4.0/25, Ms1.4/0.25,ms1mx3.9/41, Error ellipse: s-maj=15.1km

MOS 05 08:57:23.1:1.0,51:68N:173.18W,h28km,mb5.1/54, Error ellipse: s-maj=7.8km s-min=5.3km az=102.8

BUI 05 08:57:23.1:0.5,51:84N:173.32W,h31km,mb5.2/54, mb5.3/35,Ms4.9/19,Ms7.4/6/12

NEIC 05 08:57:23.9:1.9,51:60N:0.06:173.25W:0.07,h25km,3km, mb5.0/394

ISCJB 05 08:57:25.0:0.4,51:67N:0.04:173.14W:0.02,h45km,3km, mb5.0/125,MS4.1/32, Error ellipse: s-maj=6.3km s-min=2.3km az=180.0

GMCT 05 08:57:25.0:0.3,51:45N:0.02:173.03W:0.05,h28km,1km, MW4.9/86, Moment Tensor Solution. s33,c38; s86,c115; Duration: 0 Moment tensor: Scale 1016Nm; M2:7.82E-07; M2:0.19E-07; M2:0.58E-12; M1:1.51E-19; M0:0.82E-20; M0:0.77E-20; Best double couple: M3:152000/1016

NP1:85.000000,861.000000,1.8900000000000000 NP2: 86.24900000,829.000000,1.9400000000000000 Principal axes: T 3.2770,Plg74.000000, Azm330.000000; N -0.2500, Plg2.000000, Azm66.000000; P -3.0260,Plg16.000000, Azm156.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AEIC 05 08:57:30.1:0.0,51:74N:0.04:173.97W:0.09,h9km,3km

ISC 05 08:57:24.2:1.0,51:58N:0.07:173.16W:0.04,h27km,6km, n994,o899/B39,mb5.0/285,MS4.1/33,43C-18D,

Androno Islands

Main station list for the fifth section, including codes, station names, frequencies, and coordinates.

ISCJB 05 08:57:25.0:0.5,51:62N:173.16W,h0km,mb4.7/45, mb1.4/4.7,mb1mx4.8/69,mbtmp4.7/47,ML4.3/2,MS4.0/25, Ms1.4/0.25,ms1mx3.9/41, Error ellipse: s-maj=15.1km

MOS 05 08:57:23.1:1.0,51:68N:173.18W,h28km,mb5.1/54, Error ellipse: s-maj=7.8km s-min=5.3km az=102.8

BUI 05 08:57:23.1:0.5,51:84N:173.32W,h31km,mb5.2/54, mb5.3/35,Ms4.9/19,Ms7.4/6/12

NEIC 05 08:57:23.9:1.9,51:60N:0.06:173.25W:0.07,h25km,3km, mb5.0/394

ISCJB 05 08:57:25.0:0.4,51:67N:0.04:173.14W:0.02,h45km,3km, mb5.0/125,MS4.1/32, Error ellipse: s-maj=6.3km s-min=2.3km az=180.0

GMCT 05 08:57:25.0:0.3,51:45N:0.02:173.03W:0.05,h28km,1km, MW4.9/86, Moment Tensor Solution. s33,c38; s86,c115; Duration: 0 Moment tensor: Scale 1016Nm; M2:7.82E-07; M2:0.19E-07; M2:0.58E-12; M1:1.51E-19; M0:0.82E-20; M0:0.77E-20; Best double couple: M3:152000/1016

NP1:85.000000,861.000000,1.8900000000000000 NP2: 86.24900000,829.000000,1.9400000000000000 Principal axes: T 3.2770,Plg74.000000, Azm330.000000; N -0.2500, Plg2.000000, Azm66.000000; P -3.0260,Plg16.000000, Azm156.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AEIC 05 08:57:30.1:0.0,51:74N:0.04:173.97W:0.09,h9km,3km

ISC 05 08:57:24.2:1.0,51:58N:0.07:173.16W:0.04,h27km,6km, n994,o899/B39,mb5.0/285,MS4.1/33,43C-18D,

Androno Islands

Main station list for the sixth section, including codes, station names, frequencies, and coordinates.

Table with 4 columns: TAPA, NIKH, TAPF, TAF, TASE, Tanaga Southea, Gareled, UNV, AKUT, SPIA, SDDT, CHGN, CHIR, OHAK, Old Harbor, KDAD, Kodiak Island, Kodiak, 0.3m,0.3s,baz=260,slow=1.1,SNR=9.6

ISCJB 05 08:57:25.0:0.5,51:62N:173.16W,h0km,mb4.7/45, mb1.4/4.7,mb1mx4.8/69,mbtmp4.7/47,ML4.3/2,MS4.0/25, Ms1.4/0.25,ms1mx3.9/41, Error ellipse: s-maj=15.1km

MOS 05 08:57:23.1:1.0,51:68N:173.18W,h28km,mb5.1/54, Error ellipse: s-maj=7.8km s-min=5.3km az=102.8

BUI 05 08:57:23.1:0.5,51:84N:173.32W,h31km,mb5.2/54, mb5.3/35,Ms4.9/19,Ms7.4/6/12

NEIC 05 08:57:23.9:1.9,51:60N:0.06:173.25W:0.07,h25km,3km, mb5.0/394

ISCJB 05 08:57:25.0:0.4,51:67N:0.04:173.14W:0.02,h45km,3km, mb5.0/125,MS4.1/32, Error ellipse: s-maj=6.3km s-min=2.3km az=180.0

GMCT 05 08:57:25.0:0.3,51:45N:0.02:173.03W:0.05,h28km,1km, MW4.9/86, Moment Tensor Solution. s33,c38; s86,c115; Duration: 0 Moment tensor: Scale 1016Nm; M2:7.82E-07; M2:0.19E-07; M2:0.58E-12; M1:1.51E-19; M0:0.82E-20; M0:0.77E-20; Best double couple: M3:152000/1016

NP1:85.000000,861.000000,1.8900000000000000 NP2: 86.24900000,829.000000,1.9400000000000000 Principal axes: T 3.2770,Plg74.000000, Azm330.000000; N -0.2500, Plg2.000000, Azm66.000000; P -3.0260,Plg16.000000, Azm156.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AEIC 05 08:57:30.1:0.0,51:74N:0.04:173.97W:0.09,h9km,3km

ISC 05 08:57:24.2:1.0,51:58N:0.07:173.16W:0.04,h27km,6km, n994,o899/B39,mb5.0/285,MS4.1/33,43C-18D,

Androno Islands

Main station list for the seventh section, including codes, station names, frequencies, and coordinates.

ISCJB 05 08:57:25.0:0.5,51:62N:173.16W,h0km,mb4.7/45, mb1.4/4.7,mb1mx4.8/69,mbtmp4.7/47,ML4.3/2,MS4.0/25, Ms1.4/0.25,ms1mx3.9/41, Error ellipse: s-maj=15.1km

MOS 05 08:57:23.1:1.0,51:68N:173.18W,h28km,mb5.1/54, Error ellipse: s-maj=7.8km s-min=5.3km az=102.8

BUI 05 08:57:23.1:0.5,51:84N:173.32W,h31km,mb5.2/54, mb5.3/35,Ms4.9/19,Ms7.4/6/12

NEIC 05 08:57:23.9:1.9,51:60N:0.06:173.25W:0.07,h25km,3km, mb5.0/394

ISCJB 05 08:57:25.0:0.4,51:67N:0.04:173.14W:0.02,h45km,3km, mb5.0/125,MS4.1/32, Error ellipse: s-maj=6.3km s-min=2.3km az=180.0

GMCT 05 08:57:25.0:0.3,51:45N:0.02:173.03W:0.05,h28km,1km, MW4.9/86, Moment Tensor Solution. s33,c38; s86,c115; Duration: 0 Moment tensor: Scale 1016Nm; M2:7.82E-07; M2:0.19E-07; M2:0.58E-12; M1:1.51E-19; M0:0.82E-20; M0:0.77E-20; Best double couple: M3:152000/1016

NP1:85.000000,861.000000,1.8900000000000000 NP2: 86.24900000,829.000000,1.9400000000000000 Principal axes: T 3.2770,Plg74.000000, Azm330.000000; N -0.2500, Plg2.000000, Azm66.000000; P -3.0260,Plg16.000000, Azm156.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AEIC 05 08:57:30.1:0.0,51:74N:0.04:173.97W:0.09,h9km,3km

ISC 05 08:57:24.2:1.0,51:58N:0.07:173.16W:0.04,h27km,6km, n994,o899/B39,mb5.0/285,MS4.1/33,43C-18D,

Androno Islands

Main station list for the eighth section, including codes, station names, frequencies, and coordinates.

ISCJB 05 08:57:25.0:0.5,51:62N:173.16W,h0km,mb4.7/45, mb1.4/4.7,mb1mx4.8/69,mbtmp4.7/47,ML4.3/2,MS4.0/25, Ms1.4/0.25,ms1mx3.9/41, Error ellipse: s-maj=15.1km

MOS 05 08:57:23.1:1.0,51:68N:173.18W,h28km,mb5.1/54, Error ellipse: s-maj=7.8km s-min=5.3km az=102.8

BUI 05 08:57:23.1:0.5,51:84N:173.32W,h31km,mb5.2/54, mb5.3/35,Ms4.9/19,Ms7.4/6/12

NEIC 05 08:57:23.9:1.9,51:60N:0.06:173.25W:0.07,h25km,3km, mb5.0/394

ISCJB 05 08:57:25.0:0.4,51:67N:0.04:173.14W:0.02,h45km,3km, mb5.0/125,MS4.1/32, Error ellipse: s-maj=6.3km s-min=2.3km az=180.0

GMCT 05 08:57:25.0:0.3,51:45N:0.02:173.03W:0.05,h28km,1km, MW4.9/86, Moment Tensor Solution. s33,c38; s86,c115; Duration: 0 Moment tensor: Scale 1016Nm; M2:7.82E-07; M2:0.19E-07; M2:0.58E-12; M1:1.51E-19; M0:0.82E-20; M0:0.77E-20; Best double couple: M3:152000/1016

NP1:85.000000,861.000000,1.8900000000000000 NP2: 86.24900000,829.000000,1.9400000000000000 Principal axes: T 3.2770,Plg74.000000, Azm330.000000; N -0.2500, Plg2.000000, Azm66.000000; P -3.0260,Plg16.000000, Azm156.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AEIC 05 08:57:30.1:0.0,51:74N:0.04:173.97W:0.09,h9km,3km

ISC 05 08:57:24.2:1.0,51:58N:0.07:173.16W:0.04,h27km,6km, n994,o899/B39,mb5.0/285,MS4.1/33,43C-18D,

Androno Islands

Main station list for the ninth section, including codes, station names, frequencies, and coordinates.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COR Corvallis, TEY Ternei, H04D Lebanon, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CWC Cottonwood Cre, GRAC Grapevine Rang, MOOW Moose Ponds, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AGMN Agassiz Nation, SUSD Miller, SDCO Great Sand Dun, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Includes stations like Wahnapitae, Yellville, U40A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Includes stations like WCI, W50A, D56A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Includes stations like J57A, R52A, D60A, etc.

comp=Z,8.0nm,0.8s	62.60 311	I	Amb	I	Amb	09 07 45.9	WVL	Waterville	63.75	51	I	Amb	I	Amb	09 07 53.5	S60A	Water View	65.18	60	P	P	09 08 04.0 +1.4		
comp=Z,8.8nm,1.1s	62.60 311 P					09 07 45.0 -0.6	X53A	Estanolee	63.78	67	P	P	P	P	09 07 53.6 +0.1	W57A	Gilead	65.19	64	P	P	09 08 02.9 +0.2		
comp=Z,7.3nm,0.8s,baz=54,slow=5.7,SNR=49	62.60 311 P					09 36 56.4	Y53A	Guyana	63.78	280	I	P	P	P	09 07 54.5 +0.7	W57A	Gilead	65.19	64	I	Amb	I	Amb	09 08 03.5
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.60 311 P					09 07 44.2 -1.4	GYA	GYA			pP	pP	pP	pP	09 07 54.4 +1.0	V58A	Windy Hill, Pi	65.22	63	P	P	09 08 03.2 +0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.60 311 P					09 07 46.4 +0.6	GYA	GYA			sP	sP	sP	sP	09 08 13.0 +9.2	V58A	Windy Hill, Pi	65.22	63	P	P	09 08 04.2		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.65 66 P					09 07 45.8 -0.3	GYA	GYA			sS	sS	sS	sS	09 10 16.5 +2.5	T59A	Double "B" Far	65.22	61	P	P	09 08 03.6 +0.7		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.65 66 I	Amb	I	Amb	I	09 07 46.8	GYA	GYA			SS	SS	SS	SS	09 16 46.4 +7.5	154A	Montrose	65.25	68	P	P	09 08 02.7 -0.4		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.65 66 I	Amb	I	Amb	I	09 07 46.3 +0.3	GYA	comp=Z,20nm,1.0s			pmax	pmax	pmax	pmax	09 07 54.5 +0.7	Z55A	Blythe	65.37	67	P	P	09 08 04.1 +0.1		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.66 48 P					09 07 45.9 0.0	GYA	comp=Z,120nm,5.2s			LR	LR	LR	LR	09 07 54.5 +0.7	U59A	Littleton	65.54	62	P	P	09 08 05.7 +0.8		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.67 71 P					09 07 45.3 -1.0	GYA	comp=Z,290nm,18.2s			LR	LR	LR	LR	09 07 54.5 +0.7	U59A	Littleton	65.54	62	I	Amb	I	Amb	09 08 05.9
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.67 71 I	Amb	I	Amb	I	09 07 45.6	GYA	comp=Z,260nm,19.9s			LR	LR	LR	LR	09 07 53.1 -0.5	T60A	Surry	65.55	61	P	P	09 08 05.8 +0.8		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.70 60 P					09 07 46.6 +0.4	Y52A	comp=Z,310nm,18.7s	63.80	68	P	P	P	P	09 07 54.0	155A	Kite	65.61	68	P	P	09 08 05.1 -0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.74 312 P					09 07 45.5 -1.0	Y52A	Libburn	63.80	68	I	Amb	I	Amb	09 07 54.0	254A	Abbeville	65.63	69	P	P	09 08 04.7 -0.9		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.74 312 P					09 07 45.5 -1.0	L61B	Northampton	63.80	54	P	P	P	P	09 07 54.2 +0.6	X57A	Johnson Farm	65.63	65	P	P	09 08 06.2 +0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.74 312 P					09 07 45.5 -1.0	ODNJ	Ogdensburg	63.81	56	I	Amb	I	Amb	09 07 58.5	W58A	Raeoford	65.71	64	P	P	09 08 06.6 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.78 56 P					09 07 47.6 +0.7	T56A	Rocky Mt	63.81	63	P	P	P	P	09 07 54.2 +0.5	W58A	Raeoford	65.71	64	P	P	09 08 06.7 +0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.83 68 P					09 07 47.1 -0.2	SDMD	Soldier's Deli	63.84	59	I	Amb	I	Amb	09 07 54.9	Z56A	Williston	65.73	67	P	P	09 08 06.7 +0.4		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.83 68 I	Amb	I	Amb	I	09 07 47.7	250A	Grady	63.86	71	P	P	P	P	09 07 53.4 -0.7	Y57A	Sunley	65.79	65	P	P	09 08 07.0 +0.4		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.84 61 P					09 07 47.8 +0.5	K62A	Royalston	63.87	54	P	P	P	P	09 07 54.4 +0.4	U60A	Pendleton	65.80	62	P	P	09 08 07.5 +0.9		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.84 61 I	Amb	I	Amb	I	09 07 48.0	S57A	Dark Hollow, R	63.88	62	P	P	P	P	09 07 54.9 +0.7	X58A	Rowland	65.89	64	P	P	09 08 08.4 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.84 59 P					09 07 47.6 +0.3	S57A	Dark Hollow, R	63.88	62	I	Amb	I	Amb	09 07 55.7	X58A	Rowland	65.89	64	I	Amb	I	Amb	09 08 09.2
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.85 51 P					09 07 47.6 +0.3	H64A	Troy	63.90	50	P	P	P	P	09 07 54.2 0.0	255A	Hazelhurst	66.12	68	P	P	09 08 08.7 0.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.85 54 P					09 07 47.6 +0.4	P59A	Jarrettsville	63.91	59	P	P	P	P	09 07 54.7 +0.4	255A	Hazelhurst	66.12	68	I	Amb	I	Amb	09 08 09.1
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.86 65 P					09 07 47.5 0.0	KSC2	Kent School, K	63.92	55	I	Amb	I	Amb	09 07 59.3	Z57A	Bowman	66.14	66	P	P	09 08 09.1 +0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.87 62 P					09 07 48.1 +0.6	O60A	Telford	63.94	57	P	P	P	P	09 07 55.2 +0.7	156A	Sylvania	66.15	67	P	P	09 08 09.4 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.88 52 P					09 07 47.9 +0.4	V55A	Taylorville	64.00	65	P	P	P	P	09 07 55.0 +0.1	V60A	Jim Taylor Roa	66.26	62	P	P	09 08 10.3 +0.7		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.88 52 I	Amb	I	Amb	I	09 07 48.6	W54A	Cherokee Point	64.00	66	P	P	P	P	09 07 55.1 +0.1	FINES	FINES3, Array B	66.28	350	P	P	09 08 08.7 -0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.88 58 P					09 07 48.2 +0.8	J63A	Stratford	64.00	53	P	P	P	P	09 07 55.3 +0.5	FINES	FINES3, Array B	66.28	350	ceP	ceP	09 08 08.7 -0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.88 58 I	Amb	I	Amb	I	09 07 49.0	R58A	Rapidan	64.01	61	P	P	P	P	09 07 55.4 +0.4	FINES	FINES3, Array B	66.28	350	ceP	ceP	09 08 09.3 0.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.93 64 P					09 07 48.3 +0.3	Z52A	Williamson	64.07	69	P	P	P	P	09 07 54.6 -0.9	Y58A	Scranton	66.28	65	P	P	09 08 10.2 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.94 323 P					09 07 47.6 -0.1	M61A	Granite Spring	64.08	56	P	P	P	P	09 07 56.1 +0.7	X59A	McDuffie Farm,	66.39	64	P	P	09 08 10.6 +0.1		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.94 323 P					09 07 47.6 -0.1	Y56A	Monroe	64.08	68	P	P	P	P	09 07 55.3 -0.3	256A	Glennville	66.42	68	P	P	09 08 11.1 +0.4		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.95 323 P					09 08 26.0 +0.4	U53A	Monroe	64.11	64	P	P	P	P	09 07 55.9 +0.3	157A	Early Branch	66.42	67	P	P	09 08 11.3 +0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.95 323 P					09 07 47.5 -0.3	K63A	Dunstable	64.21	53	P	P	P	P	09 07 57.0 +0.8	W60A	Pink Hill	66.54	63	P	P	09 08 11.9 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.95 53 P					09 07 48.4 +0.4	N61A	South Mountain	64.21	56	P	P	P	P	09 07 57.6 +1.4	NHSC	New Hope	66.58	66	P	P	09 08 12.6 +0.9		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.97 49 P					09 07 47.5 -0.5	ARU	Arti	64.21	331	P	P	P	P	09 07 56.1 +0.1	NHSC	New Hope	66.58	66	P	P	09 08 11.4 -0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.98 340 eP					09 07 44.8 -3.0	ARU	Arti	64.21	331	P	P	P	P	09 07 55.5 -0.5	Z58A	St. Stephen	66.62	66	P	P	09 08 12.5 +0.5		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.99 67 P					09 07 48.1 -0.3	ARU	comp=Z,51nm,1.7s			S	S	S	S	09 16 32.5 +1.2	Y60A	Loris	66.67	64	P	P	09 08 13.1 +0.8		
comp=Z,1.65nm,18.3s,baz=34,slow=38	62.99 67 I	Amb	I	Amb	I	09 07 48.4	ARU	comp=Z,342nm,19.0s			MLR	MLR	MLR	MLR	09 07 55.4 -0.5	X59A	Albert Glenn T	66.74	63	P	P	09 08 13.0 +0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.02 63 P					09 07 48.9 +0.4	ARU	Arti	64.21	331	P	P	P	P	09 07 55.4 -0.5	356A	Blackshear	66.76	69	P	P	09 08 12.9 0.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.05 57 P					09 07 49.4 +0.8	PAL	Palisades	64.23	56	P	P	P	P	09 07 57.2 +0.8	W61A	Ground Anchor	66.84	62	P	P	09 08 14.3 +0.9		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.05 57 P					09 07 49.4 +0.8	I64A	Boothbay	64.23	51	P	P	P	P	09 07 56.6 +0.3	Z59A	Georgetown, SC	66.89	65	P	P	09 08 15.3 +1.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.07 55 P					09 07 50.4 +1.7	T57A	Hurt	64.27	62	P	P	P	P	09 07 57.1 +0.4	Y60A	Bolivia	67.03	64	P	P	09 08 14.5 0.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.15 70 P					09 07 48.6 -0.8	T57A	Hurt	64.27	62	I	Amb	I	Amb	09 07 57.8	KMI	Kunming	67.16	282	P	P	09 08 15.8 0.0		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.16 60 P					09 07 49.8 +0.5	152A	Waverly Hall	64.27	69	P	P	P	P	09 07 55.9 -0.9	NB2	NORSAR Subarra	67.67	358	P	P	09 08 17.7 -0.6		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.16 60 I	Amb	I	Amb	I	09 07 50.6	152A	Waverly Hall	64.27	69	I	Amb	I	Amb	09 07 56.4	NOA	NORSAR Array B	67.67	358	P	P	09 08 18.0 -0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.17 61 P					09 07 49.8 +0.2	X54A	Beltou	64.28	66	P	P	P	P	09 07 57.1 +0.3	NOA	NORSAR Array B	67.67	358	P	P	09 08 18.0 -0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.17 64 P					09 07 50.0 +0.3	G65A	Princeton	64.28	49	P	P	P	P	09 07 56.8 +0.2	NOA	NORSAR Array B	67.67	358	P	P	09 08 18.0 -0.3		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.18 50 P					09 07 49.3 -0.1	R58B	Mineral	64.32	61	P	P	P	P	09 07 57.8 +0.8	557A	Orange Park	67.95	69	P	P	09 08 21.2 +0.8		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.19 69 P					09 07 48.8 -0.9	R58B	Mineral	64.32	61	I	Amb	I	Amb	09 07 58.5	HFS	Hagfords	68.50	356	P	P	09 08 22.6 -0.8		
comp=Z,1.65nm,18.3s,baz=34,slow=38	63.21 53 P																							

Table of astronomical observations for 5d 9h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2013 OCT, listing station names, coordinates, and observation times.

Table of astronomical observations for 222, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FREGA, MONTE PRAT, CASERA MIOMOIAS, etc.

IDC 05 09:08:54.2±1.5, 53.56N, 35.13W, h0km, mb3.3, 6/3, mb1 3.9/3, mb1mx3.3/4.6, mbtmp3.6/3, MS3.0/1, Ms1 3.1/1, ms1mx2.5/3.2, Error ellipse: s-maj=88.0km s-min=31.9km az=38.0, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONSECA ARRAY, INUVIK, PINEDALET, etc.

SOME 05 09:28:44.3, 40°16'N, 78°83'E, h20km NNC 05 09:28:45.1±2.2, 40.77N, 78.71E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=14.5km s-min=11.1km az=169.0, KRNET 05 09:28:46.7±0.1, 40.77N, 78.55E, h11km, mb2.5, ISC 05 09:28:45.7±2.5, 40.77N, 78.65E, h10km, n25, n1929/3, 11C-DZ, Southern Xinjiang

Main table of station data for the first section, including stations like TARGARAY, PRZHEVAL'SK, KADJISAY, etc.

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

IDC 05 09:41:59.8±0.8, 5.70S, 148.88E, h0km, mb4.0/7, mb1 4.3/10, mb1mx4.0/3.0, mbtmp4.1/1.0, ML3.5/3, MS3.0/2, Ms1 3.0/2, ms1mx2.7/3.1, Error ellipse: s-maj=26.0km s-min=18.1km az=128.0, ISC/CB 05 09:42:06.5±0.4, 5.97S, 148.88E, h0km, mb3.9/8, MS3.2/1, Error ellipse: s-maj=9.8km s-min=6.5km az=21.5, NEIC 05 09:42:09.8±1.5, 6.07S, 148.90E, h0km, h75km, 5km, mb4.2/12, ISC 05 09:42:07.8±0.5, 5.96S, 148.95E, h0km, n39, n142/45, mb4.1/12, New Britain region

Main table of station data for the second section, including stations like KRVT, PMG, PMG, etc.

ISC/CB 05 09:53:49.2±0.6, 37.91N, 103.29E, h6km, 5km, Error ellipse: s-maj=5.4km s-min=4.2km az=156.9, ISK 05 09:53:49.1, 37.91N, 103.27E, h10km, ML2.5/8, DDA 05 09:53:49.0, 37.90N, 103.29E, h7km, 2km, ML2.5, ISC 05 09:53:49.2, 1.2, 37.91N, 103.29E, h8km, 11km, n16, n49/23, Turkey

Main table of station data for the third section, including stations like TAVA, BURDUR, GOLHISAR, etc.

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAMC, NORC, UPD2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPBC, GUY2C, GUY2C, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UPD2, PRAC, SDV, etc.

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

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

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

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

MAN 05 10:04:12.1, 5.75N, 126.68E, h99km, mb4.9, ML3.9, MS3.9, 2C, Mindanao

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code. Includes stations like Lake Benmore, Otahua Downs, Eidsvoll, etc.

BUI 05 11:10:21.0, 0.3, 8.80S: 112.50E, h70km, mb4.9/32, mB5.2/23, Ms4.9/7, Ms7.4/6/5, IDC 05 11:10:21.9, 2.2, 8.56S: 112.53E, h75km, 18km, mb4.3/19, mb1.4/21, mb1mx4.3/29, mbtmp4.6/21, MS3.4/12, Ms1.3/12, ms1mx3.3/24, Error ellipse: s-maj=1.9, 1.1km s-min=1.6, 1.1km s-min=1.6, 1.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code. Includes stations like Pagerwojo, Pacitan, Jagag, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code. Includes stations like SHL, SHL Shillong, H0BS2 Diego Garcia H, etc.

5d 15h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSH, KURK, KURBB, etc.

2013 OCT

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like COLL, BRG, VYH, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NEGR, IZV, SLO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IAS, BUC1, BUC2, BUC3, etc.

ICD 05 15:20:18.8, 1.0, 45.44N:27.92E, h0km, mb3.3/2, mb1 3.4/5, mb1mx2.3/42, mbtmp3.3/5, ML3.0/3, MS2.8/1, Ms1 2.8/1, ms1mx2.0/30, Error ellipse: s-maj=19.0km s-min=1.6km az=18.0

ISCBJ 05 15:20:20.0, 3.45, 54.54N:0.02:27.87E:0.03, h4km, 2km, mb3.2/2, Error ellipse: s-maj=3.4km s-min=2.4km az=139.5

BUC 05 15:20:20.0, 2.45, 52N:27.85E, h4km, 1km, m13.3/20, Error ellipse: s-maj=1.9km s-min=1.3km az=52.0

ISC 05 15:20:19.6, 0.7, 45.52N:0.02:27.85E:0.02, h8km, 4km, n69, r1504/102, 58C-35Z, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NEGR, IZVR, SLCR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TLB, TIR, TIRR, etc.

DDA 05 15:20:38.0, 40.61N:27.54E, h7km, 2km, ML2.2 ISK 05 15:20:37.0, 40.66N:27.59E, h4km, ML2.0/6, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MRMT, SART, RKY, etc.

ICD 05 15:24:55.9, 2.5, 27.03S:176.71W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/26, mbtmp3.8/3, ML4.3/1, MS3.3/2, Ms1 3.3/2, ms1mx2.8/14, Error ellipse: s-maj=63.2km s-min=31.5km az=108.0, Keramad Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RAO, URZ, DZM, etc.

ISCBJ 05 15:29:29.0, 9.2, 12S:0.04:68.9W:0.1, h118km, 8km, Error ellipse: s-maj=16.5km s-min=7.0km az=3.6

GUC 05 15:29:29.1, 0.4, 20.12S:68.79W, h108km, 2km, ML2.7 SJA 05 15:29:29.4, 1.2, 20.13S:68.95W, h116km, 7km, ML2.6, MW3.1

SCB 05 15:29:31.1, 3.5, 20.09S:68.71W, h111km, 28km, ML3.8/5, Error ellipse: s-maj=27.0km s-min=26.0km az=1.0

ISC 05 15:29:29.1, 7.1, 20.10S:0.04:68.80W:0.09, h113km, 10km, n29, r0993/32, 2C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB08, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB08, GO01, PB11, etc.

OMAN 05 16:07:20.5, 4.5, 25.38N:63.65E, h27km, ml3.5/1, Error ellipse: s-maj=34.9km s-min=16.7km az=46.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JLN, WBK, SMDO, etc.

GCG 05 16:16:52.4, 1.4, 15.94N:93.70W, h27km, MD4.1 MEX 05 16:17:05.2, 0.8, 14.36N:93.47W, h20km, 208km, MD3.9

ISC 05 16:16:59.0, 4.0, 14.00N:93.70W:0.2, h22km, n7, r1852/10, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like THIG, PCIG, STG3, etc.

ICD 05 16:38:04.1, 4.3, 23.73S:179.99W, h512km, 60km, mb3.0/4, mb1 3.1/5, mb1mx2.9/27, mbtmp4.0/5, Error ellipse: s-maj=76.4km s-min=61.3km az=34.0

ISC 05 16:38.06, 3.1, 8.241S:0.22:180.0E:0.2, h532km, n7, r058/8, mb3.6/4, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RAO, URZ, CTA, etc.

ISC 05 16:49:13.8, 0.3, 33.18N:36.24E, h22km, ML1.8 ISCBJ 05 16:49:14.9, 0.7, 33.72N:0.04:35.91E:0.05, h6km, Error ellipse: s-maj=7.2km s-min=4.4km az=146.9

GRAL 05 16:49:15.3, 0.3, 33.70N:35.89E, h10km, 5km, MD3.1 ISC 05 16:49:11.6, 1.2, 33.72N:0.05:36.07E:0.05, h6km, n8, r1970/12, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like QASN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ITEG Tejag, IOKO Kooshah, BSRN Basiran, etc.

ISC 05 18:39:14.9±1.2, 9.72N, 126.36E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.6/47, mbtpm3.8/5, ML4.2/1, Error ellipse: s-maj=57.8km s-min=20.6km az=76.0

ISC 05 18:39:29.0±0.9, 9.39N, 125.94E, h14km, mb4.6, ML3.5, MS3.3

ISC 05 18:39:29.1±0.8, 9.39N, 125.84E, h123km, 7km, n45, e178/57, 5C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, MSLP Maasin, CGP Cagayan de Oro, etc.

Table with columns: WRA, PpP, PpP, Time, Res. Includes stations like ASAR Alice Springs, MORW Morawa, FORT Forrest, etc.

BER 05 18:51:46.5±1.7, 79.75N, 119.2E, h10km, ML2.5, ML3.5(DNK), Confirmed Earthquake

ISC 05 18:51:46.3±1.5, 78.9N, 120.2±1.97E, h10km, n9, e159/113, Greenland Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS Kingsbay, SPA0 Spitsbergen Ar, HSPB Hornsund, etc.

ISC/JB 05 19:03:00.2±1.1, 8.08N, 0.05:82.70W, h4km, 6km, Error ellipse: s-maj=8.4km s-min=4.1km az=14.6

UPA 05 19:03:02.4±2.4, 8.22N, 82.67W, h4km, 8km, ML3.4

ISC 05 19:02:59.7±3.4, 8.14N, 0.06:82.67W, h2km, 25km, n32, e194/50, 2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAGA3 Bagala, DVID David, DVID David, etc.

NIED 05 19:06:00, 39.60N, 143.60E, h17km, Mw4.4 Best double couple: Mb4.63000±0.05, MPT1.9±191.00000, s27.00000, 1.79.00000, NP2±24.00000, NP3±863.00000, a3.66.00000

ISC 05 19:06:16.6±0.8, 39.59N, 143.48E, h0km, mb4.0/17, mb1 4.2/22, mb1mx4.1/36, mbtpm4.1/22, ML3.4/5, MS3.8/23, Mb1 3.8/23, ms1mx3.5/44, Error ellipse: s-maj=20.1km s-min=14.7km az=107.0

JMA 05 19:06:17.6±0.2, 39.64N, 143.63E, h30km, M4.6

MOS 05 19:06:18.7±0.9, 39.59N, 143.58E, h28km, mb4.6/13, Error ellipse: s-maj=8.5km s-min=5.6km az=98.1

NEIC 05 19:06:21.9±1.1, 39.59N, 143.58E, h34km, 6km, mb4.6/23

ISC 05 19:06:17.5±2.2, 39.60N, 143.67E, h10km, 13km, n157, e155/156, mb4.5/49, MS4.0/24, 8C-2D, 02F, coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIYJ Miyakoganagawa, JTN Tanohato, JKEN Kujedjanarisaw, etc.

Table with columns: JMK JMK, JIO JIO, JIO JIO, Ermo Ermo, etc. Includes stations like JMK JMK, JIO JIO, Ermo Ermo, etc.

ASAJ Asahikawa, 4.59 350 Pn Pn 19 07 28.3 +1.4

GRPR Tuman, 4.66 19 eP Pn 19 07 28.3 +0.4

GRPR comp=N, 52nm, 0.2s 18 54 10.3 +0.2

GRPR comp=E, 67nm, 0.3s 18 52 45.4 -1.8

GRPR comp=N, 303nm, 0.4s 18 53 26.1 -1.0

GRPR comp=E, 851nm, 0.4s 18 53 21.2 -1.7

LAGR comp=N, 869nm, 0.3s 18 53 33.8

LAGR comp=E, 1um, 0.0s 18 53 33.8

YUK Yuzh-Kuril'sk, 4.72 20 eP Pn 19 07 30.5 +1.7

YUK comp=N, 210nm, 0.2s 18 54 16.5

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 36.6 +0.1

MJAR comp=E, 541nm, 0.4s 18 54 29.9 -0.8

MJAR comp=E, 6nm, 0.3s, baz=41, slow=11, SNR=83 18 54 30.0 -0.8

MJAR comp=E, 598nm, 18.4s, baz=35, slow=42 18 54 30.5 +0.2

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 36.7 +0.2

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.0 +0.5

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

MJAR Matsushiro Arr, 5.28 236 Pn Pn 19 07 37.1 +0.6

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

DBIC	Dimbokro	67.38	22	P	P	21 05 06.4	-0.3
DBIC	Dimbokro	67.38	22	P	P	21 05 06.7	0.0
ROSC	Rosol	61.59	30	LR	LR	21 38 44.3	
TOAO	Torodi Ar. Sit	75.07	27	P	P	21 05 52.6	-0.6
TOAO	Torodi Ar. Beag	75.07	27	P	P	21 05 52.8	-0.4
TORD	Torodi Ar. Beag	75.07	27	P	P	21 05 52.8	-0.4
TORD	Torodi Ar. Beag	75.07	27	P	P	21 05 52.8	-0.4
KMBO	Kilima Mbogo	17.11	66	LR	LR	21 35 46.1	
THZ	Topoush	78.56	19	P	P	21 06 12.8	0.0
STKA	Stevens Creek	88.87	169	P	P	21 07 04.2	-1.5
STKA	Stevens Creek	88.87	169	P	P	21 07 06.2	+0.5
RAR	Rarotonga	91.86	222	LR	LR	21 41 31.2	
ASAR	Alice Springs	95.91	161	P	P	21 07 37.8	-0.5
DZM	Mont Dzumac	98.74	191	LR	LR	21 51 09.5	
NB200	NORSAR Array S 122.92	20	PKPdf			21 13 04.1	-2.0
NOA	NORSAR Array B 122.92	20	PKPdf			21 13 04.1	-2.0
CMAR	Chiang Mai Arr	123.02	110	PKPdf		21 13 07.2	-0.4
NVAR	Minna Array Be	123.48	290	PKPdf		21 13 07.5	-0.8
NVAR	Minna Array Be	123.48	290	PKPdf		21 13 08.2	0.0
ELK	Eiko	123.81	294	PKPdf		21 13 08.8	0.0
MOOV	Moose Ponds	124.07	299	PKPdf		21 13 08.9	-0.3
FXWY	Fox Creek	124.12	299	PKPdf		21 13 09.3	0.0
FIAD	FINESS Array S	126.42	28	PKPdf		21 13 11.7	-1.1
FINES	FINESS Array B	126.42	28	PKPdf		21 13 11.7	-1.1
MSO	Missoula	127.88	300	PKPdf		21 13 16.7	+0.5
YBH	Yreka Blue Hor	128.18	289	PKPdf		21 13 15.6	-1.3
AAK	Ala-Archa	128.37	71	PKPdf		21 13 19.9	-0.3
BVAO	Borovoye Array	135.36	59	PKPdf		21 13 30.4	+0.5
BVAR	Borovoye Array	135.36	59	PKPdf		21 13 30.5	+0.5
KURB	Kurchatov Arr	135.36	59	PKPdf		21 13 33.9	-0.1
YKA	Yellowknife Ar	139.02	315	PKPdf		21 13 35.0	-1.4
YKR8	Yellowknife Ar	139.02	315	PKPdf		21 13 35.0	-1.4
INR	Inuvik	148.70	317	PKPdf		21 13 56.2	+3.1
INR	Inuvik	148.70	317	PKPdf		21 13 56.2	+3.1
EPYK	Eagle Plains	148.24	313	PKPdf		21 13 57.2	+3.1
SONAW	Songino Array	148.71	90	PKPdf		21 14 00.4	+4.4
SONM	Songino Array	148.71	90	PKPdf		21 14 00.4	+4.4
BCAR	Beaver Creek A	150.12	305	PKPdf		21 13 54.2	-1.5
BCAR	Beaver Creek A	150.12	305	PKPdf		21 14 00.5	-0.2
MENT	Mentasta	150.90	304	PKPdf		21 14 02.2	-0.1
DHY	Denali Highway	152.52	303	PKPdf		21 14 06.0	-0.4
ILAR	Eielson Array	152.80	307	PKPdf		21 14 06.0	-0.7
RND	Reindeer	153.25	304	PKPdf		21 14 07.8	-0.1
BPWA	Bear Paw Mtn.	154.35	305	PKPdf		21 14 09.8	-0.5

BU C 05:21:06:09.4:0.7, 45:56N-27:91E, h5km, 3km, m1, 4/4, 14C-6D, Error ellipse: s-maj=8.3km s-min=2.0km az=48.0, Romania

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NEGR	Negrest	0.04	228	Op	ISC	
NEGR	Negrest	0.04	228	P	Pg	21 06 10.7 +0.2
NEGR	Negrest	0.04	228	S	Sg	21 06 12.2 +0.9
NEGR	Negrest	0.04	228	↑	Pg	21 06 10.7 +0.2
NEGR	Negrest	0.04	228	↑	Sg	21 06 12.2 +0.9
NEGR	Negrest	0.04	228	↑	AML	21 06 12.4
NEGR	Negrest	0.04	228	↓	Pg	21 06 11.0 -0.5
NEGR	Negrest	0.04	228	↓	Sg	21 06 12.6 -0.2
NEGR	Negrest	0.04	228	↓	AML	21 06 13.2
NEGR	Negrest	0.04	228	↓	Pg	21 06 12.8 -0.1
NEGR	Negrest	0.04	228	↓	Sg	21 06 16.0 +1.0
NEGR	Negrest	0.04	228	↓	AML	21 06 16.6
NEGR	Negrest	0.04	228	↓	Pg	21 06 17.4 +0.1
NEGR	Negrest	0.04	228	↓	AML	21 06 17.4 +0.1
NEGR	Negrest	0.04	228	↓	Sg	21 06 23.5 +0.7
NEGR	Negrest	0.04	228	↓	Pg	21 06 23.5 +0.7
NEGR	Negrest	0.04	228	↓	Sb	21 06 27.7 -0.5
NEGR	Negrest	0.04	228	↓	Sb	21 06 27.7 -0.5
NEGR	Negrest	0.04	228	↓	Sb	21 06 27.7 -0.5
NEGR	Negrest	0.04	228	↓	Sb	21 06 27.7 -0.5

ISC 05:21:29:28.7:1.0, 3:53S:100:57E, h0km, mb4.5/15, mb1.4/5/18, mb1mx4.3/50, mbtmp4.5/18, ML4.2/3, MS3.6/5, Ms1.3/6.5, ms1mx3.2/38, Error ellipse: s-maj=33.5km s-min=11.1km az=51.1

ISC/CB 05:21:29:31.0:0.3, 3:56S:0:03s:100:54E:0:03s, h29km, mb4.7/63, MS3.9/8, Error ellipse: s-maj=5.9km s-min=3.2km az=39.3

MOS 05:21:29:31.4:1.2, 3:37S:100:75E, h25km, mb4.9/13, Error ellipse: s-maj=12.1km s-min=6.4km az=104.0

BUJ 05:21:29:32.0:0.0, 3:50S:100:50E, h28km, mb4.8/43, mb5.2/29, Ms4.7/8, Ms7.4/8

NEIC 05:21:29:32.6:1.4, 3:53S:0:09s:100:63E:0:09s, h27km, 4km, mb4.8/47

DJA 05:21:29:32.3:1.0, 4:54S:100:0E, h30km, 13km, M4.8/12, mb4.9/7, mB5.5/3, MLV4.7/12, Mw(mb)5.0/3

ISC 05:21:29:32.5:0.4, 3:59S:0:06s:100:53E:0:05s, h29km, n215, e131/210, mb4.7/71, MS3.7/8, 8C-2D, Southern

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PPSI	Pulau Pagai	0.97	328	Op	ISC	
KRJI	Kerinci	1.76	32	P	Pn	21 29 49.9 -0.9
MNAI	Manna	2.54	108	P	Pn	21 30 12.3 +0.5
MNAI	Manna	2.54	108	P	Pn	21 30 12.4 +0.5
PDSI	Padang	2.65	359	P	Pn	21 30 12.3 -1.3
SISI	Saibi	2.67	327	P	Pn	21 30 12.8 -0.8
SDSI	Sungai Dareh	2.79	19	P	Pn	21 30 15.3 0.0
LHSI	Lahat	3.00	95	P	Pn	21 30 19.4 +1.3
LHSI	Lahat	3.00	95	S	Sn	21 30 54.9 +1.8
JMBI	Jambi	3.67	58	P	Pn	21 30 27.6 +0.3
JMBI	Jambi	3.67	58	P	Pn	21 31 11.4 +1.8
LWLI	Liwa	3.79	112	P	Pn	21 30 29.9 +0.7
LWLI	Liwa	3.79	112	S	Sn	21 31 13.9 +1.0
BKNI	Bangkinang	3.93	7	P	Pn	21 30 30.3 -0.6
BKNI	Bangkinang	3.93	7	S	Sn	21 31 16.7 +0.7
BKNI	Bangkinang	3.93	7	Pn	Pn	21 30 31.8 +0.9
KASI	Kota Agung	4.35	116	P	Pn	21 30 12.8 -0.7
BLSI	Bandar Lampung	5.02	111	P	Pb	21 31 03.0 +3.3
CGJI	Cibinong	5.95	120	P	Pn	21 30 58.3 -0.5
MYKOM	Kota Tinggi	6.29	32	P	Pn	21 31 03.2 -0.2
RPSI	Rantau Prapat	6.45	346	Pn	Pn	21 31 05.4 -0.2
PSI	Prapat	6.55	346	Pn	Pn	21 31 05.1 -2.0
PSI	Prapat	6.55	346	P	Pn	21 31 05.4 -1.7
TNG	Tangerang	6.61	113	P	Pb	21 31 23.5 -3.3
TNG	Tangerang	6.61	113	P	Pb	21 31 23.5 -3.3
TNG	Tangerang	6.61	113	P	Pb	21 31 23.8 +0.1
LEM	Lembang	7.75	115	Pn	Pn	21 31 27.2 -0.1
IPM	Ipo	8.03	4	Pn	Pn	21 31 29.3 -1.1
CISI	Cisompét, Garu	8.25	119	P	Pn	21 31 29.3 -1.1
CISI	Cisompét, Garu	8.25	119	P	Pn	21 31 29.3 -1.1
KULM	Kulim	8.82	1	Pn	Pn	21 31 38.4 +0.1
KPIJ	Karang Puncung	9.15	114	Pn	Pn	21 31 44.5 +1.8
JAGI	Jagaj, Banyuw	14.38	110	Pn	Pn	21 32 53.1 -1.3
SPSI	Sidrap Palu	19.20	92	Pn	Pn	21 33 57.2 +1.8
KAPI	Kappang	19.22	95	Pn	Pn	21 33 55.1 -0.5
KAPI	Kappang	19.22	95	P	P	21 33 51.8 -2.7

KAPI	Kappang	19.22	95	P	Pn	21 33 51.8	-2.7
TTSI	Tana Toraja	19.27	89	P	Pn	21 33 58.1	+2.0
CHAI	Chiayihyung	19.42	4	P	Pn	21 33 57.5	-0.5
BKSI	Bulukumba	19.61	96	P	Pn	21 33 59.1	-1.2
PANO	Nakornpanom	21.00	11	P	P	21 34 12.6	-1.2
UTTA	Utтарadit	21.20	0	P	P	21 34 20.8	+4.8
NONG	Nongkai	21.67	7	P	P	21 34 18.4	-2.6
MHMT	Maesarieng	21.78	353	P	P	21 34 26.0	+3.8
CM31	Chiang Mai Arr	21.97	356	P	P	21 34 23.4	-0.9
CM31	Chiang Mai Arr	21.97	356	P	P	21 34 22.3	-1.9
CMAR	Chiang Mai Arr	21.97	356	LR	LR	21 44 24.4	
CMAR	Chiang Mai Arr	21.97	356	P	P	21 34 25.5	+1.3
CMAR	Chiang Mai Arr	21.97	356	P	P	21 34 21.9	-2.3
CMHT	Chiang Mai	22.32	356	P	P	21 34 29.7	+1.2
CHTO	Chiang Mai	22.32	356	P	P	21 34 27.8	-0.2
CHTO	Chiang Mai	22.32	356	P	P	21 34 27.8	-0.2
PALK	Pallekele	22.54	299	LR	LR	21 42 21.3	
PAYA	Payao	22.82	358	P	P	21 34 34.1	+0.8
SOEI	Soe	24.35	106	Iamb	Iamb	21 34 48.4	0.0
SOEI	Soe	24.35	106	Iamb	Iamb	21 34 58.8	
H0S2	Diego Garcia H	28.18	261	T	T	22 04 42.5	
H0S3	Diego Garcia H	28.18	261	T	T	22 04 41.7	
H0S1	Diego Garcia H	28.20	261	T	T	22 04 47.6	
FITZ	Fitzroy Crossi	28.50	122	LR	LR	21 48 23.9	
FITZ	Fitzroy Crossi	28.50	122	LR	LR	21 48 25.7	+0.1
KMI	Kunming	28.62	4	P	P	21 35 33.0	+6.1
KMI	Kunming	28.62	4	P	P	21 35 33.0	+6.1
HMDM	Hanimaadoodh	29.18	291	P	P	21 35 32.2	+0.5
SHL	Shillong	30.18	344	P	P	21 35 42.8	+2.2
GYA	Guiyang	30.46	11	P	P	21 35 42.7	-0.3
GYA	Guiyang	30.46	11	P	P	21 35 42.7	-0.3
MTN	Manton Dam	31.62	109	Iamb	Iamb	21 35 55.2	-0.7
MTN	Manton Dam	31.62	109	Iamb	Iamb	21 35 57.2	
ODAN	Odare	32.83	338	eP	P	21 36 05.3	+1.3
KNMB	Chin-men Tao	32.85	31	P	P	21 36 02.8	-1.2
TAPN	Tapejlung	33.16	339	eP	P	21 36 08.6	+1.7
RAMM	Ramit	33.21	337	eP	P	21 36 09.0	+1.6
H01W3	Cape Leeuwin H	33.60	160	T	T	22 11 43.2	
H01W2	Cape Leeuwin H	33.61	160	T	T	22 11 53.9	
H01W1	Cape Leeuwin H	33.61	160	T	T	22 11 42.0	
JIRN	Jiri	34.01	337	eP	P	21 36 16.0	+1.6
PKI	Pulchok	34.24	336	eP	P	21 36 17.2	+0.8
PKIN	Pulchok	34.25	336	eP	P	21 36 17.3	+0.9
LSA	Lhasa	34.30	345	P	P	21 36 16.4	-0.6
LSA	Lhasa	34.30	345	P	P	21 36 16.4	-0.6
LSA	Lhasa	34.30	345	P	P	21 36 16.4	-0.6
DMN	Daman	34.40	335	eP	P	21 36 19.4	+1.7
CD2	Chengdu	34.45	5	eP	P	21 36 19.0	+1.2
KKN	Kakani	34.49	336	eP	P	21 36 19.4	+1.0
ENH	Ensheng	34.75	14	P	P	21 36 19.1	-1.3
GKN	Gorkha	34.94	335	eP	P	21 36 23.2	+0.9
YOJ	Yonaguni jima	35.44	37	P	P	21 36 25.3	-1.0
YOJ	Yonaguni jima	35.44	37	P	P	21 36 25.4	-1.0
DANN	Dansing	35.62	334	eP	P	21 36 29.5	+1.2
WHN	Wuhan	36.42	20	↓	P	21 36 34.7	0.0
WHN	Wuhan	36.42	20	↓	P	21 36 34.7	0.0
WRA	Warramunga Arr	36.75	119	P	P	21 36 38.2	+0.4
WR1	Warramunga Arr	36.75	119	P	P	21 36 38.2	+0.4
WRAB	Tennant Creek	36.76	119	eP	P	21 36 40.4	+2.6
WRAB	Tennant Creek</						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARU Arti, YAK Yakutsk, BR101 Keskin Array S, VORD Divnogorie, etc.

SJA 05 21:30:55.5-1.2, 22:03S:67.27W, h189km, 18km, ML2.8, MW3.1
GUC 05 21:30:57.0-0.7, 21:90S:67.98W, h244km, 18km, ML3.5
ISC 05 21:30:56.3-3.2, 22:04S:07.67W-0.2, h224km, 21km, n20, o084/38, 5C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, PB09 IPOC Station P, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDTR Khodutka, etc.

BUI 05 21:49:27.0-0.0, 16:50S:168.10E, h90km, mb4.9/4, mB5.0/2
IDC 05 21:49:27.4-1.2, 16:87S:167.11E, h0km, mb4.2/6, mb1 4.5/7, ms1mx4.3/20, mbtmp4.3/7, ML4.71, MS3.6/8, Ms1 3.6/8, ms1mx3.3/20, Error ellipse: s-maj=36.7km s-min=22.3km az=129.0

ISCJBJ 05 21:49:36.0-0.4, 17:52S:0.05:167.29E:0.06, h100km, mb4.2/7, Error ellipse: s-maj=8.8km s-min=6.5km az=151.9

NEIC 05 21:49:37.8-1.5, 17:52S:0.09:167.3E:0.1, h98km, 7km, az=169.2

ISC 05 21:49:37.9-0.6, 17:52S:0.08:167.31E:0.09, h100km, n51, o112/40, mb4.5/17, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MARC Mare, Loyalty, DZM Mont Dzumac, ARMA Armadale, etc.

PPT Papeete, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAP Kapiga, MORW Morawa, KEKH Kekaha, etc.

IDC 05 21:52:51.0-2.6, 13:47N:145.43E, h55km, 20km, mb3.1/4, mb1 3.4/4, ms1mx3.2/36, mbtmp3.4/4, Error ellipse: s-maj=43.4km s-min=18.3km az=97.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, HUN Honolulu, GUMU GUMO, etc.

ILAR Eielson Array 68.44 25 P P 22 03 48.1 +1.1
0.2nm, 0.4s, baz=251, slow=5.6, SNR=8.8

GCG 05 21:58:48.4-2.5, 13:74N:92.99W, h50km, 197km, MD4.5
NEIC 05 21:58:48.4-1.0, 14:16N:0.07:92.75W:0.05, h35km, 38m
IDC 05 21:58:49.6-3.6, 14:38N:92.55W, h35km, 29km, mb4.0/8, mb1 4.3/2, ms1mx4.0/35, mbtmp4.2/12, ML4.4/4, MS3.2/12, Ms1 3.2/12, ms1mx3.1/29, Error ellipse: s-maj=27.6km s-min=15.3km az=40.0

MEX 05 21:58:49.9-1.1, 14:21N:92.86W, h20km, 49km, MD4.5
UCR 05 21:58:49.5-2.5, 13:68N:92.49W, h0km, 154km, MD4.1, ML4.0

SNET 05 21:58:52.3-1.0, 14:20N:92.49W, h31km, 203km, ML4.4
ISC 05 21:58:48.7-1.2, 14:08N:0.06:92.86W:0.05, h44km, 11km, n299, o156/262, mb4.3/59, MS3.2/9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG Entre ros, STG3 Santiagouito, FUG Fuego 3, etc.

CMIG Matias Romero 3.57 327 Pn 22 00 20.8 -1.8
33nm, 0.3s, baz=139, slow=12, SNR=396

CMIG Matias Romero 3.61 97 eP 22 00 21.1 -2.5
49nm, 0.3s, baz=68, slow=17, SNR=4.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LFU La Fuente, LFU La Fuente, LFRA El Faro, etc.

NNC 05 23:18:57.8:5.0,38.57N:69.39E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=43.8km s-min=21.1km az=1.0

ISC 05 23:18:56.0:3.7,38.33N:0.62:69.45E:0.1,h12km,n13, a095/13,7C-3D,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KK31 Karatay Array, AML Almayashu, EK2S Erkin-Say, UCH Uchtor, AAK Ala-Archa, AAK 8.5nm,0.6s, AAK 13m,1.0s, AAK Ala-Archa, KZA Kyzart, KBK Karagaybulak, CHMS Chumysh, USP Ospanovka, TKM2 Tokmak 2, AB31 Akbulak array, AB31 0.8nm,0.4s,baz=277,slow=45,SNR=44, AB31 1.2nm,0.6s,baz=157,slow=23,SNR=3.6

SOME 05 23:07:36.9,39.98N:77.45E,h10km KRNET 05 23:07:44.2:0.1,40.24N:77.38E,h17km,mb3.2

NNC 05 23:07:48.1:1.6,40.36N:77.38E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=11.8km s-min=9.4km az=156.0

ISC 05 23:07:41.1:2.4,40.14N:0.09:77.34E:0.03,h7km,16km, n61,r153/91,23C-11D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include TARG Taragay, Kyrgyz, NRN Naryn, NRN baz=18, KDJ Kajisay, ULHL Ulahol, ULHL baz=37, PRZ Przhelav'sk, PRZ baz=19, KZA Kyzart, KZA baz=19, BOOM Boomskeye usch, BOOM baz=35, ANVS Anan'yev, ANVS baz=5.0, ARLS Aral, ARLS baz=6.0, TNSS Tian-Shan, TNSS 45nm,0.6s, TNSS 27nm,0.6s, TNSS 15nm,0.6s, UCH Uchtor, SATY Saty, SATY 18nm,0.5s, MDOK Medeo, MDOK 33nm,0.5s, MDOK 17nm,0.5s, MDOK 50nm,0.5s, MDOK 50nm,0.5s, MTBS Maibute, MTBS 29nm,0.6s, MTBS 2.8nm,0.1s, TKM2 Tokmak 2, TKM2 9.7nm,0.5s, TKM2 baz=34, TKM2 SNR=5.8, KST Kastek, KST 31nm,0.6s, KST 7.9nm,0.5s, AAA Ala-Ata, AAA 9.9nm,0.1s, KNCND Almaty, KNCND 106nm,0.6s, KBK Karagaybulak, KBK baz=24

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KBK Karagaybulak, ZHN Zhnishke, ZHN 2.6nm,0.2s, UZB Uzynbulak, UZB 4.5nm,0.6s, UZB 13nm,0.7s, UZB Uzynbulak, AAK Ala-Archa, AAK 14nm,0.5s, AAK Ala-Archa, AAK 16nm,0.6s, AAK Ala-Archa, AAK baz=19, AML Almayashu, KURS Kuram, KURS 22nm,0.8s, KURS Kuram, KURS 7.6nm,0.6s, KURS 22nm,0.8s, SHLS Shalkode, SHLS 6.1nm,1.2s, SHLS 28nm,0.6s, SHLS Shalkode, SHLS 6.1nm,1.2s, SHLS 28nm,0.6s, CHMS Chumysh, KPKS Kokpek, KPKS 6.7nm,0.3s, PDGK Podgornoye, PDGK 1.9nm,0.5s, PDGK 16nm,1.0s, PDGK Podgornoye, PDGK 4.3nm,0.5s, PDGK 32nm,0.7s, KTBS Karatobe, KTBS 3.7nm,1.0s, KTBS 43nm,0.7s, KTBS Karatobe, KTBS 2.3nm,0.3s, CHKK Chushkaly, CHKK 6.3nm,0.6s, CHKK 41nm,0.5s, CHKK Chushkaly, CHKK 6.1nm,0.3s, USP Ospanovka, USP SNR=11, KUU Kurty, KUU 3.1nm,1.0s, KUU 37nm,0.8s, KUU Kurty, KUU 3.2nm,0.4s, KUU 37nm,0.8s, SGDS Sogindy, SGDS 4.5nm,1.1s, MRKS Mefke, MRKS 3.0nm,0.7s, MRKS 5.0nm,0.7s, MRKS 0.5nm,0.1s, ARXS Arhary, ARXS 3.5nm,0.6s, ARXS 10nm,0.6s, ARXS Arhary, ARXS 1.0nm,0.3s, ARXS 16nm,0.6s, DJR Jarkent, DJR 4.3nm,0.9s, DJR 7.2nm,0.5s, DJR Jarkent, DJR 1.2nm,0.2s, DJR 7.2nm,0.5s, KAPS Kapalarasan, KAPS 2.2nm,0.8s, KAPS 2.7nm,0.6s, KAPS Kapalarasan, KAPS 0.9nm,0.2s, KAPS 3.9nm,0.5s, KK31 Karatay Array, KK31 0.3nm,0.5s,baz=117,slow=10, KK31 0.7nm,0.5s,baz=123,slow=30

ISCJB 05 23:28:34.5:0.6,75.9N:0.1:60.1W:0.3,h10km,mb3.4/9, MS3.1/17, Error ellipse: s-maj=15.4km s-min=10.8km az=19.5

ISC 05 23:28:34.0:4.0,75.85N:59.91W,h0km,mb3.4/9, mb1 3.7/9, mb1mx3.5/36, mbtmp3.4/9, MS3.2/22, Ms1 3.2/22, ms1mx3.1/34, Error ellipse: s-maj=28.7km s-min=18.1km az=156.0

ISC 05 23:28:35.6:0.7,75.8N:0.1:60.53W:0.08,h10km,n30, a157/13,mb3.3/9,MS3.1/17,Baffin Bay

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KULLO Kullorsuag, SUMG Summit, RES Resolute Bay, RES 0.5nm,0.3s,baz=47,slow=10,SNR=5.5, RES 0.3nm,0.3s,baz=348,slow=22,SNR=5.3, SFJD Kangerlussuaq, SFJD 9.39 155 LR, SFJD 2.59nm,19.2s,baz=360,slow=31, FRB Froisher Bay, FRB 12.42 197 LR, JMIC Jan Mayen, JMIC 15.13 82 LR, SPITS Spitsbergen Ar, SPITS 16.30 46 LR, BORG Borgarnes, BORG 16.78 110 LR, SCHO Schefferville, SCHO 21.21 190 LR, INK Inuvik, INK 21.21 289 P, INK 1.0nm,0.3s,baz=36,slow=14,SNR=2.4, INK comp=Z,57mm,21.1s,baz=351,slow=34, YKA Yellowknife Ar, YKA 22.25 263 LR, ARCES ARCES Array B, ARCES 24.05 59 LR, NORSAR Array B, NORSAR 27.85 92 LR, ILAR Eielson Array, ILAR 28.08 295 P, HFS Hagfors, HFS 29.24 90 LR

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include DLBC Dease Lake, FINES FINES Array B, NRIK Noril'sk, PDAR Pinedale Array, GERES GERRSS Array B, AKASG Malin Array Be, ESDC Sonseca Array, NVAR Mina Array Be, ZALV Zalesovo Beam, ZALV 0.8nm,0.7s,baz=350,slow=7.5,SNR=4.2, TXAR Lajittas Array, TXAR 0.3nm,0.8s,baz=29,slow=2.3,SNR=2.5, TXAR comp=Z,48nm,18.7s,baz=0.0,slow=36, BRTR Keskin Array B, MKAR Makanchi Array, GEYT Alibek, KSRS Korea Array, CMAR Chiang Mai Arr, CMAR 0.5nm,0.3s,baz=336,slow=5.9,SNR=3.0, CMAR comp=Z,26nm,19.6s,baz=185,slow=37

IDC 05 23:30:26.0:2.4,0.68S:128.04E,h0km,mb3.0/3, mb1 3.3/3,mb1mx3.2/29,mbtmp3.1/3,Error ellipse: s-maj=194.7km s-min=25.9km az=67.0,Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, MAN 05 23:58:59.4,10.73N:121.99E,h26km,mb4.6,ML3.5, MS3.3/4,C.Panay

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include JAP San Jose, Anti, GJIM Jordan, GJIM Cuyo Island, RCP Roxas, OTRP Odiangan, OTRP Sibulan, SNPH San Jose, SJMP Lapu-Lapu, ENPP El Nido, OCLP Ormoc, IPIL Ipil, PAGZ Pagadian

ISCJB 06 00:02:43.8:0.4,27.04N:0.04:140.52E:0.09,h443km, mb3.7/15, Error ellipse: s-maj=10.7km s-min=5.8km az=170.6

IDC 06 00:02:45.0:4.0,9.26:99N:140.44E,h443km,11km, mb3.5/15,mb1 3.6/20,mb1mx3.3/46,mbtmp4.3/20, Error ellipse: s-maj=23.3km s-min=15.5km az=84.0

JMA 06 00:02:47.7:0.1,27.39N:140.37E:h430km,M2.1 ISC 06 00:02:44.6:0.7,27.11N:0.07:140.6E:0.1,h443km,n41, a290/52,mb3.8/15,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include CBIJ Chichi jima, CBIJ Haha-jima-NKTT, JCJ Chichijima, JCJ 90nm,0.3s,baz=304,slow=23,SNR=47, JCJ 196nm,0.3s,baz=105,slow=23,SNR=15, JHH2 Haha-jima-NKTT, JHJ2 Mitsune, JHJ2 Hachijo jima 2, JHJ 66nm,0.3s,baz=128,slow=22,SNR=17, JHJ 5.8nm,0.3s,baz=76,slow=10,SNR=1.2, BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, JKN2 Miekikohoku, JOD2 Odawara 2, JNY Yasuoku, JAO Obara, JHU Hanno, JRY Ryogasaki san, JYT Yasato, JAG Ashikaga, JAG Matsushiro Arr, MJAR 0.3nm,0.3s,baz=172,slow=11,SNR=17, MJAR 0.1nm,0.3s,baz=166,slow=32,SNR=4.5, MAT Matsushiro, MAT 9.61 348 P, JFK Kawauchi, JFK Nakatsue, JNB Kyrate, JKB Krea Array, USRK Usuriysk Arr, CLAR Kulorsuag, CLAR 1.1nm,0.4s,baz=108,slow=3.2,SNR=3.7, CMAR Chiang Mai Arr, PSI Prapa, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ZALV 0.4nm,0.4s,baz=94,slow=3.6,SNR=3.5, MKAR Makanchi Array, MKAR 1.5nm,0.5s,baz=90,slow=9.9,SNR=26, MKAR 0.4nm,0.6s,baz=94,slow=6.2,SNR=2.7, ASAR Alice Springs, NRIK Noril'sk, ARCES ARCES Array B, KBZ Khabaz, FINES FINES Array B, AKASG Malin Array Be, NB2 NORSAR Subarra

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include JAG Ashikaga, JAG Matsushiro Arr, MJAR 0.3nm,0.3s,baz=172,slow=11,SNR=17, MJAR 0.1nm,0.3s,baz=166,slow=32,SNR=4.5, MAT Matsushiro, MAT 9.61 348 P, JFK Kawauchi, JFK Nakatsue, JNB Kyrate, JKB Krea Array, USRK Usuriysk Arr, CLAR Kulorsuag, CLAR 1.1nm,0.4s,baz=108,slow=3.2,SNR=3.7, CMAR Chiang Mai Arr, PSI Prapa, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ZALV 0.4nm,0.4s,baz=94,slow=3.6,SNR=3.5, MKAR Makanchi Array, MKAR 1.5nm,0.5s,baz=90,slow=9.9,SNR=26, MKAR 0.4nm,0.6s,baz=94,slow=6.2,SNR=2.7, ASAR Alice Springs, NRIK Noril'sk, ARCES ARCES Array B, KBZ Khabaz, FINES FINES Array B, AKASG Malin Array Be, NB2 NORSAR Subarra

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Table with multiple columns containing station names (e.g., AVR, ELND, KSV, etc.), call signs, frequencies, and other technical details. The table is organized into several vertical sections, each representing a different station or group of stations.

ESK comp-Z,105nm,0.9s	I Amb	I Amb	01 42 01.6	comp-Z,127nm,0.9s	eP	pP	01 43 05.2 +2.1	KKAR Kararay Array	31.22	79	P	P	01 43 29.4 +1.2		
EBL Broad Law	21.12 309	eP	P	01 41 55.4 -0.1	PCAB Cabril	25.20 273	eP	PcP	01 46 05.2 +0.5	KKAR Kararay Array	31.22	79	I Amb	I Amb	01 43 32.3
DRUM Mains of Drum	21.18 313	eP	P	01 41 56.3 +0.2	PGAV Gavireira, Arco	25.28 274	eP	P	01 42 34.4 -1.1	MSFE Esma-Masafi	31.22	120	iP	P	01 43 29.2 +0.8
HTL Hartland	21.21 296	eP	P	01 41 55.6 -0.8	PGAV Gavireira, Arco	25.28 274	eS	S	01 46 48.2 -3.3	IUG Iuzhny	31.23	81	eP	P	01 43 29.3 +0.9
HTL		I Amb	I Amb	01 41 57.6	TDRÁ Tendrara	25.31 250	P	P	01 42 39.0 +3.0	IUG Iuzhny	31.23	81	eP	P	01 44 34.8
YLL comp-Z,92nm,0.7s	21.21 302	eP	P	01 41 56.1 -0.3	TDRÁ Tendrara	25.31 250	P	P	01 42 36.0 0.0	IUG Iuzhny	31.23	81	eP	P	01 43 29.4 +0.9
ECHA Ech Chefle	21.21 252	P	P	01 41 57.5 +0.8	PALE Palermas	25.32 266	P	P	01 42 35.1 -0.8	ASUD Al Ashush, Dub	31.27	122	iP	P	01 43 30.0 +1.2
EDI Edinburgh	21.24 310	eP	P	01 41 56.4 -0.3	MTE Manteigas	25.35 270	eP	P	01 42 34.9 -1.3	ASUD Al Ashush, Dub	31.27	122	P	P	01 43 30.1 +1.2
EDI		I Amb	I Amb	01 41 57.8	MTE Manteigas	25.35 270	eP	PcP	01 46 55.0 +0.5	FAQ Al Faqa, Dubai	31.34	122	P	P	01 43 29.8 +0.4
WLF1 Lymfaes	21.37 302	eP	P	01 41 58.4 +0.3	MTE Manteigas	25.35 270	eP	P	01 42 50.3 -0.2	MDH Madha	31.35	120	iP	P	01 43 29.8 +0.3
WLF1		I Amb	I Amb	01 42 05.1	LUJA Lijar	25.43 261	iP	P	01 42 35.0 -1.9	MDH Madha	31.35	120	iP	P	01 43 30.0 +0.5
WPS Cemaes, Angles	21.44 302	eP	P	01 41 59.3 +0.4	PVIV Viseu	25.47 271	iP	P	01 42 35.9 -1.4	JBG Jabagy	31.48	80c	iP	P	01 43 31.4 +0.7
WPS		I Amb	I Amb	01 42 01.5	PVIV Viseu	25.47 271	eP	PcP	01 43 08.2 +2.6	JBG Jabagy	31.48	80c	iP	P	01 43 57.8 -1.5
AKTO Aktyubinsk	21.46 66	P	P	01 41 58.5 -0.7	PVIV Viseu	25.47 271	eP	PcP	01 43 08.2 +2.6	UOSS Ust'-Kamen'ka	31.55	121	P	P	01 43 31.6 +0.2
AKTO		pmax	pmax		PCBR Castelo Branco	25.53 269	eP	P	01 42 36.4 -1.3	UOSS Ust'-Kamen'ka	31.55	121	P	P	01 43 31.4 +0.1
YRC Rhoscolyn	21.47 302	eP	P	01 41 58.6 -0.5	PCBR Castelo Branco	25.53 269	eP	P	01 43 03.9 +3.3	HATD Hatia, Dubai	31.60	121	P	P	01 43 32.2 +0.4
EANR Ain N'Sour	21.50 252	P	P	01 42 01.2 +1.3	PCBR Castelo Branco	25.53 269	eP	P	01 46 06.1 +0.7	ASHO Ashiyah	31.66	121	iP	P	01 43 32.6 +0.3
MOR8 Mui Rana	21.54 347	eP	P	01 42 01.2 +1.3	PVLZ Pezen de	25.59 257	eS	S	01 46 53.9 -0.9	ASHO Ashiyah	31.66	121	iP	P	01 43 32.5 +0.6
IOMK Kirk Michael	21.62 305	eP	P	01 42 00.7 -0.2	PVLZ Pezen de	25.59 257	eS	S	01 46 53.9 -0.9	ALNE Al Ain	31.95	123	iP	P	01 43 35.3 +0.5
IOMK		I Amb	I Amb	01 42 03.9	PMRV Marv???	25.64 268	eP	P	01 42 37.2 -1.6	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
WIM comp-Z,236nm,0.8s	21.67 304	eP	P	01 42 01.5 +0.2	PMRV Marv???	25.64 268	eP	P	01 43 20.4 -2.2	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
ELO Logie Almond	21.68 311	eP	P	01 42 00.9 -0.6	PMRV Marv???	25.64 268	eP	P	01 42 40.0 +0.9	BORG Borgarnes	32.23	323	P	P	01 57 34.0
ETRRT Tiaret	21.70 251	P	P	01 42 01.0 -1.0	AKLM AKL	25.66 255	P	P	01 42 38.2 -0.8	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
INVG Invergeldie, C	21.84 311	eP	P	01 42 02.6 -0.5	AKLM AKL	25.66 255	P	P	01 42 39.0 -1.1	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
INVG		I Amb	I Amb	01 42 03.6	AKLM AKL	25.66 255	P	P	01 42 39.0 -1.7	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
LRW comp-Z,127nm,0.7s	21.88 321	eP	P	01 42 04.0 +0.5	GIBL Gibaltea	25.93 259	eP	P	01 47 00.0 -1.6	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
LRW		I Amb	I Amb	01 42 05.7	CEU Ceuta	25.93 259	eS	S	01 42 40.5 -1.7	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
PGBU Glenfibrbraes	21.91 309	eP	P	01 42 03.8 -0.2	PESTR Estremoz	26.03 267	P	P	01 42 40.1 -2.1	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
PGBU		I Amb	I Amb	01 42 05.3	PESTR Estremoz	26.03 267	P	P	01 46 08.0 +0.2	BORG Borgarnes	32.23	323	P	P	01 43 39.0 +2.3
EAB Aberfoyle	21.93 310	eP	P	01 42 03.7 -0.4	PESTR Estremoz	26.03 267	P	P	01 42 41.8 -0.5	BORG Borgarnes	32.23	323	P	P	01 43 40.3
CART Cartagena	22.05 258	eP	P	01 42 03.3 -2.2	COI Coimbra	26.04 270	eP	I Amb	01 42 42.8	BTK Batkei	32.60	84	I Amb	I Amb	01 43 43.5
CART		eS	S	01 45 56.7 -2.9	SMIR Smir Dam	26.05 259	P	P	01 42 42.0 -0.4	SPA0 Spitsbergen Ar	32.84	356	eP	P	01 43 42.3 +1.2
CART		I Amb	I Amb	01 42 08.2	SMIR Smir Dam	26.05 259	P	P	01 42 42.7 -0.7	SPA0 Spitsbergen Ar	32.84	356	eP	P	01 43 42.3 +0.3
KONS Konsvik	22.05 346	eP	P	01 42 06.0 +0.7	SMIR Smir Dam	26.05 259	P	P	01 46 07.4 +0.5	SPITS Spitsbergen Ar	32.84	356	eP	P	01 43 42.4 +0.4
APA Apa	22.23 711	iP	P	01 42 11.4 +4.4	PCAS Casmiolo, Conde	26.16 270	eP	P	01 42 43.6 -0.8	SPITS Spitsbergen Ar	32.84	356	eP	P	01 57 40.0
APA		pmax	pmax		PTOM Tomar	26.28 269	eP	P	01 46 07.9 +0.7	ARQ Araq	32.96	122	P	P	01 43 44.2 +0.6
UCM Universidad CO	22.38 267	eP	P	01 42 05.3 -3.5	PTOM Tomar	26.28 269	eP	P	01 42 44.0 -1.1	HOQ Hoq	33.24	121	P	P	01 43 46.0 -0.1
UCM		eS	S	01 46 07.3 +2.3	CHEFC Chefchaouen	26.33 258	P	P	01 42 44.0 -1.1	EKS2 Erkin-Say	33.62	78	P	P	01 43 51.7 +2.3
BIGH Upper Bighouse	22.45 316	eP	I Amb	01 42 08.9 -0.4	CHEFC Chefchaouen	26.33 258	P	P	01 42 43.7 -1.7	AML Almayashu	33.76	79	P	P	01 43 53.3 +2.4
BIGH		I Amb	I Amb	01 42 11.2	CHEFC Chefchaouen	26.33 258	P	P	01 46 07.5 +0.1	BIDO Bidbid	33.78	120	P	P	01 43 51.7 +1.0
LAWE Loch Awe, Argy	22.52 310	eP	P	01 42 09.3 -0.7	PMTG Montargil	26.38 268	eP	P	01 42 39.9 -7.3	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
LAWE		I Amb	I Amb	01 42 12.8	PMTG Montargil	26.38 268	eP	P	01 46 08.5 +0.8	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
DSB Dublin	22.54 302	I Amb	I Amb	01 42 11.7	EVO Evora	26.47 267	eP	P	01 42 44.9 -1.3	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
ARU Arti	22.59 50	P	P	01 42 10.2 -0.4	EVO Evora	26.47 267	eP	P	01 46 08.5 +0.8	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
ARU		P	P	01 42 10.6 -0.1	EVO Evora	26.47 267	eP	P	01 42 39.0 -7.3	BIDO Bidbid	33.78	120	P	P	01 43 51.7 +1.0
ARU		eS	S	01 46 09.2 +1.1	EVO Evora	26.47 267	eP	P	01 42 30.8 +2.1	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 45 05.3 +3.2	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 46 13.7 +5.8	KBS Kingsbay	33.81	355	eP	P	01 43 51.2 +0.8
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 42 45.6 -1.8	BSY Bisy	33.81	122	P	P	01 43 51.1 +0.1
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 46 09.4 +0.7	BSY Bisy	33.81	122	P	P	01 43 51.1 +0.1
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 42 51.6 +1.1	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 42 50.0 +0.9	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 42 47.6 -1.5	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 43 20.4 +0.8	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 42 49.9 -0.4	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 42 52.0	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 46 09.4 +0.7	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 42 51.6 +1.1	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 42 50.0 +0.9	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 42 47.6 -1.5	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 43 20.4 +0.8	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 42 49.9 -0.4	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 42 52.0	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 46 09.4 +0.7	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 42 51.6 +1.1	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 33.3 -2.2	ALMR Almeirim	26.59 268	eP	P	01 42 50.0 +0.9	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 46 09.2 +1.1	ALMR Almeirim	26.59 268	eP	P	01 42 47.6 -1.5	USP Uspenovka	33.87	77	P	P	01 43 53.3 +1.7
ARU		eS	S	01 42 10.6 -0.1	ALMR Almeirim	26.59 268	eP	P	01 43 20.4 +0.8						

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Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like PМО2, DAG, KDJ, DQM, RBK, KSH, SATY, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ILULI, SFJD, SFJZ, SFJL, SFJH, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like YAK, YAK, YAK, etc.

M52A	baz=44	pP	pP	01 49 04.2 +0.8
QIZ	baz=44 Glongzhong comp=Z,49nm,1.1s	I Amb	I Amb	01 48 33.3
R59A	baz=46 King George, V baz=46	pP	pP	01 48 30.9 +0.1
R59A	baz=46 Dayton Farm, R baz=45,SNR=14	P	P	01 49 04.4 +0.7
P56A	baz=46 Dayton Farm, R baz=45,SNR=14	P	P	01 48 30.9 -0.2
P56A	baz=46 Dayton Farm, R baz=45,SNR=14	P	P	01 49 04.8 +0.8
Y55	baz=45 Yuzh-Sakhalins	72.08 40	iP	01 48 32.0 +1.0
Y55	baz=45 Yuzh-Sakhalins	72.08 40	e	01 48 52.6
Y55	baz=45 Yuzh-Sakhalins	72.08 40	e/PP	01 49 03.7 0.0
Y55	baz=45 Yuzh-Sakhalins	72.08 40	e/SP	01 49 18.7 +0.7
Y55	baz=45 Yuzh-Sakhalins	72.08 40	eS	01 57 47.1 +5.1
Y55	comp=Z,400nm,5.2s		pmax	
Y55	comp=Z,150nm,0.9s		pmax	
Y55	comp=N,200nm,14.0s		MLR	
Y55	comp=N,200nm,14.0s		MLR	
YSS	Yuzh-Sakhalins	72.08 40	P	01 48 31.4 +0.4
YSS	Yuzh-Sakhalins	72.08 40	P	01 49 03.7 0.0
S60A	Water View baz=46	72.10 306	P	01 48 32.0 +0.7
S60A	Water View baz=46	72.10 306	P	01 49 05.5 +1.3
H45A	baz=46 Beulah baz=43	72.12 316	P	01 48 31.4 0.0
H45A	baz=46 Beulah baz=43	72.12 316	P	01 49 04.9 +0.7
EYMN	Ely baz=40,SNR=7.8	72.16 321	P	01 48 31.0 -0.5
EYMN	Ely baz=40,SNR=7.8	72.16 321	P	01 49 03.8 -0.6
EYMN	Ely baz=40	72.16 321	I Amb	01 48 32.3
Q57A	Strasbourg baz=45,SNR=16	72.16 308	P	01 48 31.4 -0.2
O57A	baz=45 Corbin Frederi baz=46,SNR=6.2	72.16 307	P	01 48 31.7 0.0
CBN	baz=46 Clarkson	72.17 313	P	01 49 05.2 +0.7
K49A	baz=44 Clarkson	72.17 313	P	01 48 31.2 -0.5
K49A	baz=44 Clarkson	72.17 313	P	01 49 05.2 +0.6
ULM	Lac du Bonnet comp=Z,33nm,0.6s,baz=37,slow=7.3,SNR=44	72.21 325	P	01 48 30.7 -1.0
ULM	Lac du Bonnet comp=Z,33nm,0.6s,baz=37,slow=7.3,SNR=44	72.21 325	P	01 49 03.5 -1.1
ULM	comp=Z,17nm,0.8s,baz=47,slow=5.3,SNR=4.1		LR	02 19 38.0
ULM	comp=Z,111nm,20.6s,baz=36,slow=35		I Amb	01 48 32.0
ULM	Lac du Bonnet comp=Z,49nm,0.8s	72.21 325	I Amb	01 48 32.0
N53A	Lisbon baz=44,SNR=11	72.23 310	P	01 48 31.6 -0.4
N53A	Lisbon baz=44,SNR=11	72.23 310	P	01 49 05.2 +0.3
F42A	Maple Grove Fa baz=42	72.28 318	P	01 48 32.2 -0.1
F42A	Maple Grove Fa baz=42	72.28 318	P	01 49 05.0 -0.1
I46A	Reed City baz=43,SNR=9.3	72.33 315	P	01 48 32.6 0.0
I46A	Reed City baz=43,SNR=9.3	72.33 315	P	01 49 06.1 +0.6
L50A	Kingsville baz=44,SNR=5.2	72.38 312	P	01 48 32.7 -0.2
L50A	Kingsville baz=44,SNR=5.2	72.38 312	P	01 49 06.1 +0.3
O54A	Avella baz=43,SNR=8.2	72.42 310	P	01 48 33.1 -0.1
O54A	Avella baz=43,SNR=8.2	72.42 310	P	01 49 06.9 +0.7
S59A	Mechanicsville baz=46,SNR=6.4	72.42 306	P	01 48 33.1 -0.1
S59A	Mechanicsville baz=46,SNR=6.4	72.42 306	P	01 49 06.8 +0.7
R58A	Rapidan baz=45,SNR=7.5	72.45 307	P	01 49 02.9 -0.5
R58A	Rapidan baz=45,SNR=7.5	72.45 307	P	01 49 06.8 +0.5
PLIO	Pelee Island, baz=44,SNR=7.2	72.49 312	P	01 48 33.1 -0.5
PLIO	Pelee Island, baz=44,SNR=7.2	72.49 312	P	01 49 07.1 +0.6
K48A	Perry baz=43,SNR=11	72.50 314	P	01 48 33.8 +0.2
K48A	Perry baz=43,SNR=11	72.50 314	P	01 49 07.0 +0.5
MCWV	Mont Chateau baz=45,SNR=19	72.51 309	P	01 48 33.6 -0.1
MCWV	Mont Chateau baz=45,SNR=19	72.51 309	P	01 49 07.1 +0.5
MCWV	Mont Chateau comp=Z,76nm,1.2s	72.51 309	I Amb	01 49 09.2
J47A	Summer baz=43,SNR=12	72.53 314	P	01 48 33.7 -0.1
J47A	Summer baz=43,SNR=12	72.53 314	P	01 49 06.9 +0.2
J47A	Summer baz=43	72.53 314	I Amb	01 49 08.1
T60A	Surry baz=46	72.54 305	P	01 48 34.1 +0.2
T60A	Surry baz=46	72.54 305	P	01 49 07.7 +0.9
M51A	Elyria baz=44	72.56 312	P	01 48 34.2 +0.2
M51A	Elyria baz=44	72.56 312	P	01 49 06.6 -0.3
Q56A	Snyder Ridge, baz=45,SNR=42	72.58 308	P	01 48 33.9 -0.3
Q56A	Snyder Ridge, baz=45,SNR=42	72.58 308	P	01 49 07.3 +0.2
Q56A	Snyder Ridge, comp=Z,104nm,1.1s	72.58 308	I Amb	01 49 09.3
P55A	Reedsville baz=45,SNR=17	72.60 309	P	01 48 34.0 -0.4
P55A	Reedsville baz=45,SNR=17	72.60 309	P	01 49 07.4 +0.2
R58B	Mineral baz=45,SNR=7.0	72.61 307	P	01 48 33.9 -0.4
R58B	Mineral baz=45,SNR=7.0	72.61 307	P	01 49 07.7 +0.4
AUSN	Aus baz=45	72.62 190	iP	01 48 34.4 -0.1
AAM	Ann Arbor baz=44,SNR=5.8	72.63 313	P	01 48 33.8 -0.6
AAM	Ann Arbor baz=44,SNR=5.8	72.63 313	P	01 49 07.7 +0.4
I45A	Fountain baz=42	72.65 316	P	01 48 34.3 -0.1
I45A	Fountain baz=42	72.65 316	P	01 49 08.2 +0.9
TRTT	Trang comp=Z,100nm,1.1s,comp=Z,1um	72.66 97	P	01 48 35.3 +0.4
N52A	McGinnis Farm, baz=44	72.67 311	P	01 49 35.0 +0.3
N52A	McGinnis Farm, baz=44	72.67 311	P	01 49 08.2 +0.6
R57A	Stanardsville baz=45,SNR=8.9	72.74 307	P	01 48 35.2 +0.1
R57A	Stanardsville baz=45,SNR=8.9	72.74 307	P	01 49 08.8 +0.7
SML	Savmill baz=43,SNR=5.4	72.78 357	P	01 48 34.9 -0.1
L49A	Milan baz=43,SNR=5.4	72.82 313	P	01 48 35.3 -0.2
L49A	Milan baz=43,SNR=5.4	72.82 313	P	01 49 09.2 +0.7
O53A	New Philadelph baz=44,SNR=20	72.82 310	P	01 48 35.2 -0.3
O53A	New Philadelph baz=44,SNR=20	72.82 310	P	01 49 09.4 +0.9
GHO	Glory Hole Cre comp=Z,43nm,1.0s	72.83 358	I Amb	01 48 37.1
J46A	Howard City baz=43,SNR=5.6	72.87 315	P	01 48 35.8 +0.1
J46A	Howard City baz=43,SNR=5.6	72.87 315	P	01 49 09.4 +0.7
P54A	Burton baz=44,SNR=16	72.89 309	P	01 48 36.1 0.0
P54A	Burton baz=44,SNR=16	72.89 309	P	01 49 09.5 +0.5

MLSI	Meulaboh, Aceh comp=Z,155nm,1.1s	72.93 102	P	01 48 35.7 -0.8
WHY	Whitehorse comp=Z,49nm,0.9s	72.93 351	I Amb	I Amb
U61A	Possum Corner baz=46	72.94 305	P	01 48 37.3 +1.0
U61A	Possum Corner baz=46	72.94 305	P	01 49 10.1 +1.0
S58A	Poland Farm, P baz=45,SNR=13	72.96 307	P	01 48 35.9 -0.5
S58A	Poland Farm, P baz=45,SNR=13	72.96 307	P	01 49 09.9 +0.5
S58A	Poland Farm, P comp=Z,53nm,1.2s	72.96 307	I Amb	I Amb
M50A	Fremont baz=44	72.96 312	P	01 48 35.7 -0.6
M50A	Fremont baz=44	72.96 312	P	01 49 09.0 -0.3
M50A	Fremont comp=Z,65nm,1.1s	72.96 312	I Amb	I Amb
N51A	Ashland baz=44,SNR=8.3	72.96 311	P	01 48 35.9 -0.5
N51A	Ashland baz=44,SNR=8.3	72.96 311	P	01 49 09.6 +0.3
K47A	Vermontville baz=43,SNR=22	73.04 314	P	01 48 36.3 -0.5
K47A	Vermontville baz=43,SNR=22	73.04 314	P	01 49 09.7 -0.1
HYT	Haines Junctio comp=Z,61nm,0.9s	73.05 352	I Amb	I Amb
H43A	Windswept, Lux baz=42	73.07 317	P	01 48 36.8 -0.1
H43A	Windswept, Lux baz=42	73.07 317	P	01 49 10.2 +0.3
PEA1	Petrovavlovsk- PETK	73.08 28	P	01 48 36.5 -0.4
PETK	Petrovavlovsk- PETK	73.08 28	P	01 48 36.5 -0.4
PETK	comp=Z,8.9nm,0.9s,baz=303,slow=6.0,SNR=5.1		pP	01 49 07.8 -1.9
PETK	comp=Z,8.1nm,0.8s,baz=24,slow=1.8,SNR=4.0		LR	02 23 33.9
Q55A	Buckhannon baz=44,SNR=6.1	73.11 309	P	01 48 36.8 -0.5
Q55A	Buckhannon baz=44,SNR=6.1	73.11 309	P	01 49 10.5 +0.2
T59A	Double "B" Far baz=45,SNR=5.5	73.13 306	P	01 48 37.1 -0.3
T59A	Double "B" Far baz=45,SNR=5.5	73.13 306	P	01 49 10.7 +0.4
T59A	Double "B" Far comp=Z,66nm,1.4s	73.13 306	I Amb	I Amb
R56A	Bull Pasture M baz=45,SNR=8.4	73.15 308	P	01 48 37.6 0.0
R56A	Bull Pasture M baz=45,SNR=8.4	73.15 308	P	01 49 10.5 -0.1
J45A	Montague baz=42,SNR=6.3	73.17 316	P	01 48 37.5 0.0
J45A	Montague baz=42,SNR=6.3	73.17 316	P	01 49 10.9 +0.5
KNK	Knik Glacier comp=Z,92nm,1.2s	73.17 357	I Amb	I Amb
SUA	Susitna One comp=Z,126nm,1.4s	73.18 359	I Amb	I Amb
E38A	The Farm, Brul baz=40	73.21 321	P	01 48 37.3 -0.4
E38A	The Farm, Brul baz=40	73.21 321	P	01 49 10.6 0.0
BALM	Baldy comp=Z,106nm,1.2s	73.25 354	I Amb	I Amb
U60A	Pendleton baz=45,SNR=9.8	73.25 305	P	01 48 37.9 -0.3
U60A	Pendleton baz=45,SNR=9.8	73.25 305	P	01 49 11.6 +0.5
O52A	Adamsville baz=44,SNR=18	73.25 311	P	01 48 37.5 -0.6
O52A	Adamsville baz=44,SNR=18	73.25 311	P	01 49 11.6 +0.5
L48A	N Adams baz=43,SNR=16	73.28 313	P	01 48 37.5 -0.7
L48A	N Adams baz=43,SNR=16	73.28 313	P	01 49 11.2 0.0
S57A	Dark Hollow, R baz=45,SNR=8.5	73.36 307	P	01 48 38.4 -0.3
S57A	Dark Hollow, R baz=45,SNR=8.5	73.36 307	P	01 49 12.4 +0.7
S57A	Dark Hollow, R comp=Z,106nm,1.2s	73.36 307	P	01 48 37.6 -1.2
M49A	Liberty Center baz=43	73.39 313	P	01 48 38.3 -0.5
M49A	Liberty Center baz=43	73.39 313	P	01 49 12.1 +0.2
V61A	Baldy baz=45	73.39 304	pP	01 49 12.6 +0.7
K46A	Dorr baz=42,SNR=8.3	73.42 315	P	01 48 38.6 -0.4
K46A	Dorr baz=42,SNR=8.3	73.42 315	P	01 49 12.2 +0.3
P53A	Whipple baz=44,SNR=23	73.47 310	P	01 48 39.1 -0.3
P53A	Whipple baz=44,SNR=23	73.47 310	P	01 49 13.2 +0.9
N50A	Neveda baz=43,SNR=6.2	73.47 312	P	01 48 38.5 -0.9
N50A	Neveda baz=43,SNR=6.2	73.47 312	P	01 49 12.2 -0.1
Q54A	Coxs Mills baz=44,SNR=5.6	73.53 309	P	01 48 39.1 -0.6
Q54A	Coxs Mills baz=44,SNR=5.6	73.53 309	P	01 49 11.7 -1.0
Q54A	Coxs Mills comp=Z,71nm,1.3s	73.53 309	I Amb	I Amb
RC01	Rabbit Creek A comp=Z,61nm,0.7s	73.53 358	I Amb	I Amb
TGL	Tana Glacier comp=Z,95nm,1.3s	73.56 355	I Amb	I Amb
G40A	Rib Lake baz=41,SNR=39	73.61 319	P	01 48 39.6 -0.5
G40A	Rib Lake baz=41,SNR=39	73.61 319	P	01 49 13.1 0.0
G40A	Rib Lake comp=Z,126nm,1.4s	73.61 319	P	01 48 39.1 -1.0
R55A	Marlinton baz=44,SNR=6.3	73.64 308	P	01 48 40.0 -0.5
R55A	Marlinton baz=44,SNR=6.3	73.64 308	P	01 49 13.5 +0.1
O51A	Pataskala baz=44,SNR=46	73.64 311	P	01 48 39.7 -0.7
O51A	Pataskala baz=44,SNR=46	73.64 311	P	01 49 13.3 -0.1
ARMS	Ukamas Littleton	73.64 186	iP	01 48 39.7 -0.7
U59A	Littleton baz=45	73.70 305	P	01 48 40.5 -0.2
U59A	Littleton baz=45	73.70 305	P	01 49 14.2 +0.5
U59A	Littleton comp=Z,87nm,1.6s	73.70 305	I Amb	I Amb
T58A	Grand View Acr baz=45,SNR=7.5	73.70 306	P	01 48 40.3 -0.5
T58A	Grand View Acr baz=45,SNR=7.5	73.70 306	P	01 49 14.1 +0.3
AGMN	Agassiz Nation baz=38,SNR=8.4	73.74 324	P	01 48 40.1 -0.7
AGMN	Agassiz Nation baz=38,SNR=8.4	73.74 324	P	01 49 14.3 +0.5
AGMN	Agassiz Nation comp=Z,108nm,1			

6d 1h

O48A	baz=2	pP	pP	01 49 20.5	-0.2
W59A	Clinton	74.91 305	pP	pP	01 49 21.6 +0.8
BESE	Bessie Mountai	74.96 350	Iamb	Iamb	01 48 51.0
R52A	Catlettsburg	74.97 310	P	P	01 48 47.4 -0.7
R52A	baz=23	pP	pP	01 49 21.5 +0.3	
X60A	Albert Glenn T	75.06 304	P	P	01 48 48.4 -0.3
X60A	baz=44	pP	pP	01 49 22.1 +0.4	
CNPM	China Poot	75.13 359	Iamb	Iamb	01 48 49.6
KULM	Kulim	75.13 98	P	P	01 48 50.0 +0.7
KULM	Kulim	75.13 98	Iamb	Iamb	01 48 50.6
V57A	Coltrane Farms	75.16 306	P	P	01 48 48.4 -0.7
V57A	baz=44	pP	pP	01 49 22.6 +0.2	
S53A	Williamson	75.17 309	P	P	01 48 48.7 -0.6
S53A	baz=43	pP	pP	01 49 22.6 +0.2	
U56A	King	75.17 307	P	P	01 48 48.9 -0.4
U56A	baz=44	pP	pP	01 49 23.1 +0.7	
P49A	Miami Univ. Ec	75.20 312	P	P	01 48 47.8 -1.6
P49A	baz=42, SNR=9.0	pP	pP	01 49 21.9 -0.6	
JIS	Juneau Island	75.20 350	Iamb	Iamb	01 48 51.7
Q50A	Georgetown	75.31 311	P	P	01 48 49.0 -1.0
Q50A	baz=43	pP	pP	01 49 22.9 -0.3	
T54A	Tazewell	75.31 308	P	P	01 48 49.0 -1.1
T54A	baz=43, SNR=9.1	pP	pP	01 49 23.3 0.0	
JFWS	Jewell Farm	75.42 317	P	P	01 48 49.5 -1.1
JFWS	baz=40	pP	pP	01 49 22.9 -0.8	
JFWS	Jewell Farm	75.42 317	Iamb	Iamb	01 49 24.3
JFWS	comp=Z,79nm,1.1s	pP	pP	01 48 50.3 -0.6	
U55A	TA2, Sparta	75.43 307	P	P	01 49 23.5 -0.5
U55A	baz=44, SNR=13	pP	pP	01 49 23.5 -0.5	
X59A	McDuffie Farm,	75.43 305	P	P	01 48 50.4 -0.3
X59A	baz=44	pP	pP	01 49 24.5 +0.7	
W58A	Raeford	75.47 305	P	P	01 48 50.6 -0.4
W58A	baz=44, SNR=12	pP	pP	01 49 24.6 +0.6	
RCBR	Riachuelo	75.49 246	P	P	01 48 51.1 -0.3
RCBR	baz=44	pP	pP	01 49 24.5 -0.2	
RCBR	Riachuelo	75.49 246	eP	eP	01 48 51.1 -0.3
RCBR	Riachuelo	75.49 246	P	P	01 48 51.1 -0.3
RCBR	Riachuelo	75.49 246	pP	pP	01 48 51.1 -0.3
R51A	Hillsboro	75.50 310	P	P	01 49 24.0 -1.0
R51A	baz=43, SNR=7.6	pP	pP	01 49 23.7 -0.6	
M44A	Midewin, Midew	75.51 315	P	P	01 48 50.6 -0.5
M44A	baz=41	pP	pP	01 49 24.1 -0.1	
NBPV	Pedro Velho	75.56 245	eP	eP	01 48 51.2 -0.5
MDND	Madlock	75.61 326	P	P	01 48 51.2 -0.4
MDND	baz=36, SNR=5.2	pP	pP	01 49 24.6 -0.2	
Y60A	Bolivia	75.61 304	pP	pP	01 49 24.9 0.0
Y60A	baz=44	P	P	01 48 51.5 -0.4	
V56A	Mocksville	75.62 307	P	P	01 49 24.8 -0.2
V56A	baz=44, SNR=6.7	pP	pP	01 49 24.8 -0.2	
Q49A	Aurora	75.68 312	P	P	01 48 51.0 -1.1
Q49A	baz=42, SNR=6.4	pP	pP	01 49 24.9 -0.4	
S52A	Salversville	75.69 310	P	P	01 48 51.5 -0.7
S52A	baz=43, SNR=21	pP	pP	01 49 25.4 +0.1	
PSI	Prapat	75.72 101	P	P	01 48 52.5 -0.3
PSI	comp=Z,75nm,0.9s, baz=275, slow=6.5, SNR=37	pP	pP	01 49 25.8 +0.1	
SFIN	Lafayette	75.79 314	P	P	01 48 51.4 -1.4
SFIN	baz=41, SNR=8.6	pP	pP	01 49 25.1 -0.7	
SFIN	Lafayette	75.79 314	Iamb	Iamb	01 49 26.3
SFIN	comp=Z,54nm,1.1s	pP	pP	01 48 52.5 -0.6	
RPSI	Rantau Prapat	75.79 101	P	P	01 49 25.8 -0.2
RPSI	baz=44	pP	pP	01 48 52.0 -0.9	
W57A	Gilead	75.81 306	P	P	01 49 25.5 -0.5
W57A	baz=44	pP	pP	01 49 25.5 -0.5	
NBCL	Cascavel-CE	75.82 249	eP	eP	01 48 51.9 -1.3
U54A	Nelsons Funny	75.84 308	P	P	01 48 52.2 -1.0
U54A	baz=43, SNR=5.5	pP	pP	01 49 26.4 0.0	
U54A	Nelsons Funny	75.84 308	Iamb	Iamb	01 49 28.0
U54A	comp=Z,77nm,1.1s	pP	pP	01 48 53.2 0.0	
X58A	Rowland	75.86 305	P	P	01 49 26.2 -0.1
X58A	baz=44	pP	pP	01 49 26.2 -0.1	
X58A	Rowland	75.86 305	Iamb	Iamb	01 49 28.8
X58A	comp=Z,124nm,1.7s	pP	pP	01 48 52.8 -0.7	
T53A	Wise	75.90 309	P	P	01 49 25.6 -1.1
T53A	baz=43	pP	pP	01 49 25.6 -1.1	
R50A	Paris	75.91 311	P	P	01 48 52.7 -0.8
R50A	baz=42, SNR=9.4	pP	pP	01 49 25.8 -0.8	
R50A	Paris	75.91 311	Iamb	Iamb	01 49 27.4
R50A	comp=Z,67nm,1.1s	pP	pP	01 48 57.1	
DLV	T Lat	75.94 87	Iamb	Iamb	01 48 57.1
DLV	comp=Z,39nm,0.8s	P	P	01 48 54.0 -0.1	
IPM	Ipoth	75.97 98	P	P	01 48 53.9 -0.1
JNU	Nakatsue	75.97 57	P	P	01 48 53.9 -0.1
V55A	Taylorville	75.99 307	P	P	01 49 26.8 -0.4
V55A	baz=43	pP	pP	01 49 26.8 -0.4	
S51A	Beattville	75.99 310	P	P	01 48 53.1 -0.8
S51A	baz=43, SNR=7.8	pP	pP	01 49 26.0 -1.1	
Y59A	Loris	76.00 304	P	P	01 48 54.7 +0.7
Y59A	baz=44	pP	pP	01 49 27.7 +0.6	
Y59A	Loris	76.00 304	Iamb	Iamb	01 49 31.5
Y59A	comp=Z,43nm,0.8s	P	P	01 48 54.0 -0.3	
T52A	Hallie	76.05 309	P	P	01 49 28.0 +0.4
T52A	baz=43, SNR=7.3	pP	pP	01 49 28.0 +0.4	
T52A	Hallie	76.05 309	Iamb	Iamb	01 49 28.8
T52A	comp=Z,75nm,1.1s	P	P	01 48 54.5 -0.4	
W56A	Indian Trail	76.15 306	P	P	01 49 28.1 +0.1
W56A	baz=44	pP	pP	01 49 28.1 +0.1	
Q48A	North Vernon	76.17 312	P	P	01 48 54.5 -0.4
Q48A	baz=42, SNR=14	pP	pP	01 49 27.9 -0.1	
NBPA	Parau_RN	76.21 247	eP	eP	01 48 54.9 -0.5
NBMO	Morrinhos-CE	76.29 251	eP	eP	01 48 55.6 -0.3

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X57A	Johnson Farm,	76.36 305	P	P	01 48 55.9 -0.2	
X57A	baz=44	pP	pP	01 49 30.3 +1.1		
U53A	Fall Branch	76.37 308	P	P	01 48 56.0 -0.1	
U53A	baz=43	pP	pP	01 49 28.8 -0.6		
S50A	Richmond	76.40 310	P	P	01 48 56.1 -0.2	
S50A	baz=42	pP	pP	01 49 29.4 0.0		
P46A	Rosedale	76.42 313	P	P	01 48 55.6 -0.7	
P46A	baz=41	pP	pP	01 49 29.2 -0.3		
TPUB	Ta-pu	76.42 71	P	P	01 48 57.3 +0.7	
ANWB	Willy Bob	76.44 281	Iamb	Iamb	01 48 58.0	
BIRD	Birdtown, Kers	76.44 306	P	P	01 48 55.7 -0.7	
BIRD	baz=43, SNR=7.8	pP	pP	01 49 29.8 +0.1		
V54A	Nebo	76.45 308	P	P	01 48 56.1 -0.5	
V54A	baz=43	pP	pP	01 49 30.2 +0.4		
Y58A	Scranton	76.52 305	P	P	01 48 56.6 -0.3	
Y58A	baz=44	pP	pP	01 49 30.6 +0.5		
L40A	Anamosa	76.54 317	P	P	01 48 55.9 -1.0	
L40A	baz=40, SNR=10	pP	pP	01 49 29.5 -0.6		
KMSC	Kings Mountain	76.57 307	P	P	01 48 56.8 -0.4	
KMSC	baz=43, SNR=6.4	pP	pP	01 49 31.0 +0.6		
O44A	Mansfield	76.65 314	P	P	01 48 57.0 -0.6	
O44A	baz=41	pP	pP	01 49 30.3 -0.5		
T51A	Gray	76.68 310	P	P	01 48 57.3 -0.5	
T51A	baz=42, SNR=11	pP	pP	01 49 30.3 -0.8		
WRAK	Wrangell Islan	76.73 348	Iamb	Iamb	01 49 00.5	
WRAK	comp=Z,72nm,1.1s	pP	pP	01 48 57.2 -1.0		
HDIL	Hopedale	76.76 315	P	P	01 48 57.2 -1.0	
HDIL	baz=40, SNR=14	pP	pP	01 49 31.0 -0.4		
TZTN	Tazewell	76.77 309	P	P	01 48 58.4 0.0	
TZTN	baz=42	pP	pP	01 49 32.1 +0.5		
U52A	Thorn Hill	76.78 309	P	P	01 48 58.2 -0.2	
U52A	baz=42	pP	pP	01 49 31.3 -0.4		
S49A	Springfield	76.79 311	P	P	01 48 57.3 -1.1	
S49A	baz=42, SNR=15	pP	pP	01 49 30.8 -0.8		
DGMT	Degmar	76.83 329	P	P	01 48 58.8 +0.3	
DGMT	baz=33, SNR=6.1	pP	pP	01 49 32.3 +0.5		
Y57A	Sumter	76.85 305	P	P	01 49 32.6 +0.6	
Y57A	baz=43	pP	pP	01 48 58.6 -0.4		
X56A	White Oak	76.87 306	P	P	01 49 32.7 +0.6	
X56A	baz=43	pP	pP	01 48 59.2 +0.6		
KDAD	Kodiak Island	76.89 360	iP	iP	01 48 58.8 +0.2	
KDAD	Kodiak Island	76.89 360	P	P	01 49 31.9 +0.2	
KDAD	Kodiak Island	76.89 360	pP	pP	01 48 58.3 -1.2	
WCI	Wyandotte Cave	76.99 312	P	P	01 49 32.7 -0.1	
WCI	baz=41	pP	pP	01 48 58.0 -1.5		
WCI	Wyandotte Cave	76.99 312	pP	pP	01 49 32.3 -0.5	
WCI	Wyandotte Cave	76.99 312	P	P	01 48 58.0 +1.5	
WCI	Wyandotte Cave	76.99 312	pP	pP	01 49 32.2 -0.5	
V53A	Saluda	77.01 308	P	P	01 48 59.5 -0.3	
V53A	baz=43	pP	pP	01 49 32.7 -0.4		
Z58A	St. Stephen	77.01 304	P	P	01 48 59.6 -0.1	
Z58A	baz=44	pP	pP	01 49 33.0 +0.1		
PAULI	Pauline	77.08 307	Iamb	Iamb	01 49 35.4	
PAULI	comp=Z,128nm,1.6s	P	P	01 48 59.8 -0.4		
W54A	Cherokee Point	77.09 307	P	P	01 49 33.9 +0.5	
W54A	baz=43, SNR=12	pP	pP	01 48 59.5 -0.8		
T50A	Nancy	77.12 310	P	P	01 49 33.3 -0.3	
T50A	baz=42, SNR=34	pP	pP	01 49 30.1 -0.4		
U51A	La Follette	77.15 309	P	P	01 49 33.6 -0.2	
U51A	baz=42, SNR=16	pP	pP	01 49 00.1 -0.7		
NBRF	Rio Formoso -	77.19 243	eP	eP	01 49 00.5 -0.9	
V52A	Sevierville	77.32 309	P	P	01 49 34.9 +0.2	
V52A	baz=42, SNR=13	pP	pP	01 49 00.2 -1.2		
V52A	Sevierville	77.32 309	pP	pP	01 49 33.9 -0.8	
NBLI	Livramento-PB	77.33 245	eP	eP	01 49 01.0 -0.8	
PBSI	Pulau Batu	77.34 103	P	P	01 49 02.9 +1.1	
NHSC	New Hope	77.39 305	pP	pP	01 49 36.2 +1.1	
JRMM	Jerantut	77.40 97	P	P	01 49 02.0 -0.1	
N41A	Harden Midland	77.41 316	P	P	01 49 00.4 -1.4	
N41A	baz=40, SNR=16	pP	pP	01 49 34.7 -0.4		
T49A	Edmonton	77.43 311	P	P	01 49 00.8 -1.2	
T49A	baz=42, SNR=16	pP	pP	01 49 34.7 -0.5		
T49A	Edmonton	77.43 311	Iamb	Iamb	01 49 35.9	
T49A	comp=Z,89nm,1.1s	P	P	01 49 04.0		
OHAK	Old Harbor	77.45 306	I			

Y51A	baz=41, SNR=26	pP	pP	01 49 47.4 +0.2
255A	Hazlehurst baz=42	79.57 305 P	P	01 49 13.8 -0.1
255A		pP	pP	01 49 47.5 +0.0
255A	Hazlehurst comp=Z,59nm,1.2s	79.57 305 IAmb	I Amb	01 49 49.6
CCM	Cathedral Cave baz=39	79.64 315 P	P	01 49 13.0 -1.1
CCM		pP	pP	01 49 47.2 -0.4
CCM	Cathedral Cave comp=Z,52nm,1.1s	79.64 315 P	P	01 49 12.8 -1.4
CCM		pmax	pmax	
CCM	Cathedral Cave comp=Z,52nm,1.1s	79.64 315 P	I Amb	01 49 12.8 -1.4
CCM		I Amb	I Amb	01 49 47.9
Z52A	Williamson baz=42, SNR=19	79.73 307 P	P	01 49 14.6 -0.1
Z52A		pP	pP	01 49 48.7 +0.6
153A	Fort Valley baz=42	79.81 307 P	P	01 49 15.4 +0.3
153A		pP	pP	01 49 49.1 +0.5
356A	Blackshear baz=42	79.81 305 pP	pP	01 49 49.2 +0.6
MYKOM	Kota Tinggi baz=42	79.85 98 P	P	01 49 17.0 +1.5
MYKOM	Kota Tinggi comp=Z,59nm,1.5s	79.85 98 I Amb	I Amb	01 49 17.2
254A	Abbeville baz=42, SNR=5.2	80.02 306 P	P	01 49 15.9 -0.3
254A		pP	pP	01 49 49.6 -0.1
Z51A	Franklin baz=41, SNR=5.4	80.06 308 P	P	01 49 16.0 -0.4
Z51A		pP	pP	01 49 50.6 +0.7
SDSI	Sungai Dareh Poplar Bluff	80.13 102 P	P	01 49 16.6 -0.4
PBMO		80.22 313 I Amb	I Amb	01 49 51.4
BGNE	Belgrade baz=36, SNR=13	80.23 321 P	P	01 49 17.2 -0.1
BGNE		pP	pP	01 49 51.0 +0.3
X48A	Hartselle baz=41, SNR=13	80.23 310 P	P	01 49 16.1 -1.2
X48A		pP	pP	01 49 50.2 -0.6
X48A	Hartselle comp=Z,62nm,1.1s	80.23 310 I Amb	I Amb	01 49 51.3
152A	Waverly Hall baz=41, SNR=17	80.29 307 P	P	01 49 17.4 -0.4
152A		pP	pP	01 49 51.9 +0.7
152A	Waverly Hall comp=Z,109nm,1.2s	80.29 307 I Amb	I Amb	01 49 53.3
Y49A	Blount Mountain baz=41, SNR=12	80.33 309 P	P	01 49 17.3 -0.7
Y49A		pP	pP	01 49 51.4 +0.1
253A	Americus baz=42, SNR=10	80.41 306 P	P	01 49 18.0 -0.4
253A		pP	pP	01 49 52.5 +0.6
RSSD	Black Hills baz=33	80.42 326 P	P	01 49 18.9 +0.4
RSSD		pP	pP	01 49 51.6 -0.5
RSSD	Black Hills baz=33	80.42 326 P	P	01 49 18.1 -0.4
RSSD		pP	pP	01 49 52.2 +0.1
RSSD	Black Hills baz=33	80.42 326 P	P	01 49 18.1 -0.4
RSSD		pP	pP	01 49 52.2 +0.1
RSSD	Black Hills baz=33	80.42 326 P	P	01 49 18.1 -0.4
RSSD		pP	pP	01 49 52.2 +0.1
Z50A	Ashland baz=41, SNR=13	80.52 308 P	P	01 49 18.4 -0.6
Z50A		pP	pP	01 49 52.8 +0.4
Z50A	Ashland comp=Z,63nm,1.2s	80.52 308 I Amb	I Amb	01 49 53.5
557A	Orange Park baz=42	80.55 303 pP	pP	01 49 53.2 +0.6
TIGA	Tifton baz=42	80.57 306 P	P	01 49 18.9 -0.3
TIGA		pP	pP	01 49 53.2 +0.5
TIGA	Tifton comp=Z,110nm,1.3s	80.57 306 I Amb	I Amb	01 49 54.1
NBLA	Lagarto - SE baz=42	80.63 244 eP	P	01 49 19.2 -0.4
455A	Stateville baz=42	80.76 305 P	P	01 49 20.1 -0.2
455A		pP	pP	01 49 54.5 +0.8
252A	Lumpkin baz=41, SNR=5.9	80.80 307 P	P	01 49 19.9 -0.6
252A		pP	pP	01 49 54.3 +0.4
DR12	Loma Pena Alita Jette	80.81 287 P	P	01 49 21.4 +0.6
JTMT		80.82 334 I Amb	I Amb	01 49 22.0
MGMO	Mountain Grove comp=Z,70nm,1.2s	80.86 315 I Amb	I Amb	01 49 55.2
353A	Camilla baz=42	81.00 306 P	P	01 49 21.1 -0.3
353A		pP	pP	01 49 55.6 +0.7
454A	Quitman baz=42	81.13 305 P	P	01 49 22.0 -0.2
LCAR	Lake Charles comp=Z,66nm,1.0s	81.14 313 I Amb	I Amb	01 49 56.6
NEW	Newport baz=25, SNR=25	81.18 336 P	P	01 49 22.7 +0.4
LRAL	Lakeview Retre baz=40, SNR=49	81.28 309 P	P	01 49 22.1 -0.8
LRAL		pP	pP	01 49 56.2 -0.2
352A	Blakely baz=41	81.30 306 P	P	01 49 23.3 +0.3
352A		pP	pP	01 49 56.8 +0.3
KSU1	Kansas State U baz=36, SNR=13	81.39 319 P	P	01 49 23.0 -0.4
KSU1		pP	pP	01 49 56.9 0.0
453A	Whigham baz=41	81.42 306 P	P	01 49 23.7 -0.1
453A		pP	pP	01 49 57.8 +0.6
OXF	Oxford baz=40	81.44 311 P	P	01 49 22.4 -1.3
OXF		pP	pP	01 49 56.2 -1.1
656A	Willston baz=42	81.50 303 P	P	01 49 24.1 0.0
RLMT	Red Lodge baz=30, SNR=19	81.50 330 P	P	01 49 24.6 +0.4
MSO	Missoula baz=27, SNR=17	81.53 334 P	P	01 49 24.2 0.0
MSO		pP	pP	01 49 58.0 +0.1
250A	Grady baz=41	81.67 308 P	P	01 49 24.4 -0.6
250A		pP	pP	01 49 59.0 +0.0
FCAR	Ozark Folk Cen comp=Z,56nm,1.1s	81.77 314 I Amb	I Amb	01 49 59.9
U40A	Yellville baz=38, SNR=36	81.77 315 P	P	01 49 24.6 -0.9
U40A		pP	pP	01 49 59.0 -0.1
BOZ	Bozeman (W) baz=28, SNR=21	81.89 332 P	P	01 49 25.5 +0.4
BOZ		pP	pP	01 50 00.5 +0.8
BOZ	Bozeman (W) baz=28	81.89 332 P	P	01 49 26.1 -0.1
BOZ		pP	pP	01 49 26.1 -0.1
C09A	Chrisman Ranch comp=Z,61nm,1.0s	81.92 337 I Amb	I Amb	01 49 28.5
SDDR	Presa de Saban comp=Z,49nm,0.8s	81.95 289 I Amb	I Amb	01 49 28.8
NBNP	Ponto Novo - B Marvell	82.05 246 eP	P	01 49 26.6 -0.6
X43A		82.20 312 P	P	01 49 27.7 -0.1
X43A		pP	pP	01 50 01.8 +0.4
OGNE	Ogallala baz=34	82.27 323 P	P	01 49 28.9 +0.8

OGNE	baz=34	pP	pP	01 50 02.3 +0.6
MASI	Maura Aman, Be HARH	82.28 102 P	P	01 49 28.9 +0.4
		82.37 315 P	I Amb	01 50 02.7
W41B	Garry Mavity, V baz=38, SNR=21	82.39 314 P	P	01 49 27.9 -0.8
W41B		pP	pP	01 50 02.2 -0.2
451A	Vernon baz=41	82.41 306 P	P	01 49 29.1 +0.2
DLMT	Dillon comp=Z,51nm,1.2s	82.41 332 I Amb	I Amb	01 49 30.5
PGC	Sidney baz=42	82.46 340 P	P	01 49 28.9 +0.1
B05A	Bryan baz=22	82.49 339 P	P	01 49 28.8 -0.2
060Z	West Palm Beach baz=42	82.50 300 pP	pP	01 50 04.1 +1.0
C06D	Leavenworth baz=22	82.51 339 P	P	01 49 30.0 +0.8
C06D		pP	pP	01 50 02.4 -0.4
K22A	Casper baz=31, SNR=15	82.63 327 P	P	01 49 29.1 -0.9
K22A		pP	pP	01 50 02.6 -1.0
K22A	Casper comp=Z,62nm,1.4s	82.63 327 I Amb	I Amb	01 49 32.4
UALR	University of UALR	82.75 313 P	P	01 49 29.9 -0.7
D08A	Wollman Farm, comp=Z,46nm,1.1s	82.78 337 I Amb	I Amb	01 50 04.2 -0.1
FLWY	Flower Ranch comp=Z,41nm,0.8s	82.91 330 I Amb	I Amb	01 49 34.3
CBKS	Cedar Bluff baz=35, SNR=6.7	83.05 321 P	P	01 49 31.4 -0.7
CBKS		pP	pP	01 50 05.3 -0.4
CBKS	Cedar Bluff baz=35	83.05 321 P	P	01 49 31.3 -0.9
CBKS		pP	pP	01 49 31.2 -0.9
W39A	Cedar Bluff baz=37, SNR=16	83.15 315 P	P	01 49 32.0 -0.6
W39A		pP	pP	01 50 06.3 +0.1
IMW	Indian Meadow comp=Z,144nm,1.6s	83.15 331 I Amb	I Amb	01 49 35.5
MOOW	Moose Ponds comp=Z,36nm,1.1s	83.21 330 I Amb	I Amb	01 49 35.5
X40A	Basin Creek Fa baz=38, SNR=12	83.23 314 P	P	01 49 32.4 -0.7
X40A		pP	pP	01 50 06.7 -0.1
X40A	Basin Creek Fa comp=Z,49nm,1.2s	83.23 314 I Amb	I Amb	01 50 07.5
L0HW	Long Hollow F10A	83.28 330 P	P	01 49 33.1 -0.4
F10A	Beach Ranch, E comp=Z,85nm,1.4s	83.29 335 I Amb	I Amb	01 49 34.5
E08A	Dider Farm, El comp=Z,71nm,1.0s	83.34 337 I Amb	I Amb	01 49 36.0
PHWY	Pilot Hill comp=Z,44nm,1.1s	83.37 326 I Amb	I Amb	01 49 35.9
FYWX	Fox Creek comp=Z,51nm,1.1s	83.41 330 I Amb	I Amb	01 49 36.6
D03D	Eldon baz=21, SNR=28	83.41 340 P	P	01 49 35.0 +1.2
TPAW	Teton Pass comp=Z,45nm,1.0s	83.51 330 I Amb	I Amb	01 49 37.2
MIAR	Mount Ida baz=38, SNR=31	83.56 314 P	P	01 49 34.6 -0.2
MIAR		pP	pP	01 50 08.2 -0.2
MIAR	Mount Ida baz=38	83.56 314 P	P	01 49 34.0 -0.8
MIAR		pP	pP	01 49 34.0 -0.8
TUL1	Leonard baz=38, SNR=27	83.57 316 P	P	01 49 34.0 -0.8
TUL1		pP	pP	01 50 07.9 -0.5
REDW	Red Top Meadow comp=Z,45nm,1.1s	83.59 330 I Amb	I Amb	01 49 37.2
BW06	Boulder Array baz=29, SNR=24	83.65 329 P	P	01 49 35.1 -0.3
PDAR	Pinedale Array comp=Z,9.1nm,0.6s,baz=66,slow=4.3,SNR=98	83.65 329 P	P	01 49 34.9 -0.5
PDAR		pP	pP	01 50 08.0 -1.2
PDAR		pP	pP	01 54 50.3 -0.7
PDAR		pP	pP	02 15 57.0 -2.3
PDAR		LR	LR	02 27 38.7
PDAR		P	P	01 49 34.4 -1.0
PDAR		pP	pP	01 50 08.9 -0.3
LHSI	Lahat baz=42	83.66 102 P	P	01 49 35.3 -0.2
D04E	Lakebay baz=21, SNR=13	83.67 340 P	P	01 49 36.5 +1.5
NLWA	Neilito Lookou comp=Z,42nm,0.9s	83.73 340 I Amb	I Amb	01 49 38.4
VBMS	Vicksburg baz=39	83.80 311 P	P	01 49 35.8 -0.2
VBMS		pP	pP	01 50 10.3 +0.6
N23A	Red Feather La baz=31, SNR=36	83.91 326 P	P	01 49 36.6 -0.2
N23A		pP	pP	01 50 10.5 +0.1
N23A	Red Feather La comp=Z,53nm,0.9s	83.91 326 I Amb	I Amb	01 49 38.3
KSCO	Kaye Shedlock' baz=33, SNR=14	84.14 323 P	P	01 49 37.7 -0.1
KSCO		pP	pP	01 50 11.7 +0.2
KSCO	Kaye Shedlock' E04D	84.14 323 P	P	01 49 37.6 -0.1
E04D	Cinebar baz=21, SNR=23	84.20 339 P	P	01 49 38.0 +0.3
E04D		pP	pP	01 50 11.6 0.0
AHID	Auburn Hatcher comp=Z,40nm,0.9s	84.20 330 I Amb	I Amb	01 49 39.6
G08A	Pilot Rock comp=Z,75nm,1.5s	84.41 336 I Amb	I Amb	01 49 41.1
F05D	White Salmon baz=22, SNR=25	84.54 338 P	P	01 49 39.8 +0.3
F05D		pP	pP	01 50 13.4 0.0
KSM	Kuching baz=22	84.58 93 P	P	01 49 41.0 +0.8
KSM		pP	pP	01 49 42.5
NBIT	Hapeh - BA comp=Z,60nm,1.1s	84.66 242 eP	P	01 49 40.0 -0.4
U32A	Winter Ranch, comp=Z,54nm,1.1s	84.71 319 I Amb	I Amb	01 50 15.4
ISCO	Idaho Springs baz=31, SNR=16	84.71 325 P	P	01 49 41.1 +0.2
ISCO		pP	pP	01 50 14.5 -0.2
F04D	Rainier, OR baz=21	84.75 339 P	P	01 49 41.9 +1.4
LWLI	Lewis baz=22, SNR=6.6	84.89 102 P	P	01 49 41.7 -0.1
G05D	Wamic, OR baz=22, SNR=6.6	85.19 333 I Amb	I Amb	01 49 43.6 +1.2
MFID	Camas Ranch comp=Z,60nm,1.1s	85.22 91 P	P	01 49 45.0 +1.6
SBUM	Sibu baz=32	85.22 91 P	P	01 49 43.4 0.0
Q24A	Divide baz=32	85.23 324 P	P	01 49 43.0 -0.5
Q24A		pP	pP	01 50 16.7 -0.6
O20A	White River Ci baz=30, SNR=12	85.45 327 P	P	01 49 43.9 -0.6
O20A		pP	pP	01 50 17.5 -0.7
KKM	Kota Kinabalu comp=Z,61nm,0.9s	85.48 86 I Amb	I Amb	01 49 46.4
KASI	Kota Agung G03D	85.55 102 P	P	01 49 45.0 0.0
G03D	Mclinnville, O baz=21, SNR=24	85.63 339 P	P	01 49 45.9 +1.0
G03D		pP	pP	01 50 19.4 +0.5
TPI	Tanjungpandan I05D	85.74 98 P	P	01 49 46.4 +0.5
I05D	Terrebonne, OR baz=22, SNR=12	85.94 338 P	P	01 49 47.2 +0.6
I05D		pP	pP	01 50 21.0 +0.4
WMOK	Wichita Mounta baz=35, SNR=13	85.95 318 P	P	01 49 45.9 -0.9
WMOK		pP	pP	01 50 20.5 -0.1

WMOK	Wichita Mounta comp=Z,61nm,1.8s	85.95 318 I Amb	I Amb	01 50 21.4
H04D	Lebanon baz=21, SNR=12	86.14 339 P	P	01 49 48.5 +1.0
COR	Corvallis baz=21	86.22 339 P	P	01 49 48.8 +0.9
COR	Corvallis	86.22 339 P	P	01 49 48.9 +0.9
NATX	Nacogdoches baz=37	86.32 313 pP	pP	01 50 23.4 +0.9
PINE	Mountain comp=Z,59nm,1.1s	86.34 337 I Amb	I Amb	01 49 51.9
STKI	Sintang SDCO	86.39 94 P	P	01 49 50.4 +1.2
SDCO	Great Sand Dun baz=31, SNR=14	86.41 324 P	P	01 49 48.1 -1.2
SDCO		pP	pP	01 50 22.9 -0.3
T25A	Trinidad baz=32, SNR=8.8	86.47 323 P	P	01 49 49.8 +0.2
T25A		pP	pP	01 50 23.5 0.0
T25A	Trinidad baz=32	86.47 323 I Amb	I Amb	01 50 25.4
BGU	Big Grassy Moun SPMM	86.50 331 P	P	01 49 49.3 -0.2

6d 5h

Table with columns: PDG, Podgorica, 1.75 351, Pn, 05 27 51.0 -1.3, CRES, Crenjiv, 5.95 331, Pn, 05 28 48.7 -1.4, comp=Z.20nm, 19.3s, baz=98, slow=35

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Table with columns: CRES, Crenjiv, 5.95 331, Pn, 05 28 48.7 -1.4, GUMO, Guam, 19.24 59, P, P, 05 38 38.5 -1.0, comp=Z.20nm, 19.3s, baz=98, slow=35

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Table with columns: GUMO, Guam, 19.24 59, P, P, 05 38 38.5 -1.0, KNRA, Kununurra, 19.48 178, P, P, 05 38 42.8 +0.8, comp=Z.20nm, 19.3s, baz=98, slow=35

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZAAO, ZALV, KHZ, KURK, KBL, BTK, GAR, KK31, etc.

ISCJB 06:05:49.21.1.0.7, 19.54N.0.04:78.05W.0.06, h10km, Error ellipse: s-maj=8.2km s-min=5.2km az=13.8 SSNC 06:05:49.21.5.1.9, 19.47N:78.07W, h5km, 11km, MD3.6, ML3.5, MW3.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMGC, BBJ, BNGJ, CCCC, etc.

SSNC 06:06:05:30.5.1.5, 19.42N:77.95W, h0km, 17km, MD3.1, ML2.0, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LMGC, CCCC, MASC, etc.

IDC 06:06:19:59.6.0.9.5:10S:151:34E, h147km, 10km, mb3.7/3, mb1 3.8/4, mb1mx3.3/3, mbtmp4.1/4, MS2.9/1, Ms1 2.9/1, ms1mx2.4/29, Error ellipse: s-maj=90.2km s-min=14.4km az=130.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT, PMG, WRA, ASAR, FITZ, TORO, etc.

MEX 06:06:38:57.9.1.0, 15.88N:98.36W, h13km, 26km, MD4.1 ISCJB 06:06:38:59.1.0.9, 16.39N:0.08:98.25W:0.05, h10km, 5km, Error ellipse: s-maj=13.6km s-min=7.1km az=22.0 NEIC 06:06:39:00.2.1.2, 16.5N:0.1:98.26W:0.08, h10km, 3km, mb4.1/39

ISC 06:06:39:00.2.1.2, 16.35N:0.09:98.18W:0.08, h16km, 5km, n51, 1960/54, mb4.1/16, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PNIG, TLIG, VHO, HUIG, MOIG, etc.

ISCJB 06:05:49.21.1.0.7, 19.54N.0.04:78.05W.0.05, h10km, MD3.9, SSNC 06:05:49.21.5.1.9, 19.47N:78.07W, h5km, 11km, MD3.9, ML3.5, MW3.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GJAR, GOGA, Y52A, WVT, SWET, etc.

ISC 06:06:42:48.4.6.9, 17.18S:174.30W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/2, mbtmp3.5/2, Error ellipse: s-maj=359.8km s-min=53.9km az=146.0, Tonga Islands

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

HVO 06:06:57:10.9.0.6, 19.34N:155.02W:0.03, h7km, 2km, ML3.6, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HJU, CUJU, NPOC, etc.

Error ellipse: s-maj=6.9km s-min=4.1km az=135.2 SJA 06:06:57:13.0.1.0, 32.05S:70.24W, h103km, 7km, ML3.8, MW3.4

GUC 06:06:57:13.5.0.6, 32.16S:70.67W, h123km, 3km, ML3.8, ISC 06:06:57:13.5.1.1, 32.08S:0.04:70.23W:0.04, h117km, 8km, n26, r130/46, SD, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTLS, RTOO, ROCH, ROCH, ROCH, etc.

HVO 06:06:57:31.9.1.3, 19.33N:155.00W:0.1, h2km, 10km, ML2.9, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJZ, NPOC, STCH, etc.

IDC 06:06:59:04.3.0.2, 12.97N:92.60E, h0km, mb4.0/21, mb1 4.1/23, mb1mx4.0/52, mbtmp4.0/23, ML4.2/2, MS3.4/14, Ms1 3.4/14, ms1mx3.2/5.1, Error ellipse: s-maj=19.1km s-min=13.0km az=54.0

ISCJB 06:06:59:06.8.0.4, 12.92N:0.05:92.48E:0.04, h31km, mb4.1/26, MS3.5/13, Error ellipse: s-maj=6.8km s-min=4.9km az=23.6

NDI 06:06:59:09.2.3.1, 13.16N:92.46E, h18km, 15km, mb4.7, ML4.8

NEIC 06:06:59:11.0.2.3, 12.97N:0.06:92.98E:0.10, h35km, 3km, mb4.5/22

BUI 06:06:59:12.9.0.0, 12.67N:93.33E, h28km, mb4.5/23, mb4.8/11, Ms4.0/13, MS3.7/3.7

ISC 06:06:59:09.3.0.5, 12.95N:0.06:92.66E:0.06, h31km, n119, r259/97, mb4.3/34, MS3.4/13.2C, Andaman Islands region

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

ISCJB 06:06:57:13.2.0.5, 32.07S:70.20W:0.04, h116km, 4km,

6d 7h

Table with columns: VIS, comp, ex, x, time, station, and various parameters. Includes stations like Rantau Prapat, Chennai, Bokaro, Shillong, Pallekele, etc.

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Table with columns: MAJO, MJAR, MJAR, WR, WRAB, KVAR, ASAR, ASAR, AS31, MMAI, EIL, NRIK, BR10, BR13, BR13, BRTR, BRTR, AKASG, STKA, FIAO, FINES, VYHS, ARAO, ARCES, ARCES, ARCES, TOO, GERES, GERES, GERES, GERES, GERES, BOA, TOR, TOR, TOA, ILAR, PDAR, NV01, NV01, PLCA, NNC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various parameters. Includes stations like Matushiro, Warrungung Arr, Tennant Creek, etc.

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Table with columns: RAC, RAC, OJC, OJC, OJC, OJC, OKK, OKK, MORC, MORC, MORC, MORC, LANS, LANS, LANS, LANS, DPC, DPC, STHS, VYHS, VYHS, VYHS, VRAC, VRAC, VRAC, VRAC, VRAC, VRAC, KSP, KSP, KSP, KSP, KSP, KSP, CHVC, CHVC, UPIC, UPIC, KECS, KECS, KRUC, KRUC, KRUC, KRUC, MODS, MODS, KOLS, KOLS, GOPC, GOPC, PRU, PRU, CONA, CONA, PBCC, PBCC, BRG, BRG, BRG, BRG, KHC, KHC, KHC, KHC, GERES, GERES, GERES, GERES, MOA, MOA, CLL, CLL, CLL, AKASG, AKASG, DAVOX, DAVOX, DAVOX, FINES, FINES, ARCES, ARCES, TOR, TOR, ISCJB, ISCJB, ISCJB, ISCJB, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and various parameters. Includes stations like Ojcow, Moravsky Berou, Dobruska-Polom, etc.

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

mb4.1/1.4, MS3.1/1, Error ellipse: s-maj=7.4km s-min=6.2km az=43.3 NEIC 06 10:06:04.4.1.5.7.25S:0.06x155.52E:0.08, h59km,6km, mb4.4/24 IDC 06 10:06:04.0.2.3.7.33S:155.47E, h59km,21km, mb3.9/14, mb1.4/0.19, mb1mx4.0/33, mbtmp4.2/19, ML3.9/4, MS3.3/2, MS1.3/3, ms1mx2.8/22, Error ellipse: s-maj=17.9km s-min=14.5km az=99.0 ISC 06 10:06:01.0.4.7.30S:0.06x155.65E:0.05, h29km, n66, a1952/63, mb4.3/25, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LOMA, Loma Larga, LFU, La Fuente, etc.

ISCJB 06 09:50:09.4.0.8.3.72S:0.06x128.75E:0.05, h10km, Error ellipse: s-maj=8.3km s-min=6.5km az=157.8 DJA 06 09:50:10.1.0.4.4.7.5.4x12.9E:1.1, h11km,3km, M3.3/7, MLV3.3/7 IDC 06 09:50:50.0.2.3.7.02S:129.27E, h0km, mb3.5/1, mb1.3/7, mb1mx3.4/25, mbtmp3.5/3, ML3.0/2, Error ellipse: s-maj=141.3km s-min=32.9km az=68.0 ISC 06 09:50:09.7.1.0.3.62S:0.07x128.73E:0.05, h10km, n7, a0569/0, Seram

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

ISCJB 06 10:45:22.1.1.0.22.0S:0.2x171.55E:0.09, h105km, mb3.9/6, Error ellipse: s-maj=22.9km s-min=12.1km az=8.3 IDC 06 10:45:28.5.3.2.2.15S:171.33E, h150km,25km, mb3.6/6, mb1.3/8, mb1mx3.5/36, mbtmp4.1/8, MS2.9/2, Ms1.9/2, ms1mx2.6/24, Error ellipse: s-maj=30.5km s-min=24.7km az=21.9

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DZM, Mont Dzumac, DZM, Songoing Array, etc.

BUI 06 09:56:56.0.0.0.7.70S:128.30E, h130km, mb4.7/8, mb5.1/1 ISCJB 06 09:56:57.6.0.3.7.70S:0.03x128.34E:0.04, h150km, mb3.8/8, Error ellipse: s-maj=5.3km s-min=4.6km az=26.9 DJA 06 09:56:57.7.0.3.8.5.3x12.9E:1.1, h152km,6km, M4.7/6, mb5.0/3, mb4.4/5, MLV4.9/6, MW(m)4.3/3 NEIC 06 09:56:58.2.2.8.7.62S:0.10x128.34E:0.04, h142km,13km, mb4.2/10 IDC 06 09:56:59.3.1.7.7.63S:128.24E, h144km,16km, mb3.5/6, mb1.3/8, mb1mx3.5/29, mbtmp4.1/9, Error ellipse: s-maj=18.7km s-min=12.9km az=112.0 ISC 06 09:56:58.7.0.5.7.79S:0.05x128.37E:0.05, h150km, n39, a2543/47, mb3.9/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ARMA, Armidale, WRAB, Tennant Creek, etc.

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

ISCJB 06 10:52:23.3.1.4.52.17N:171.85W, h0km, mb3.9/7, mb1.3/9, mb1mx3.6/40, mbtmp3.8/8, ML2.7/2, Error ellipse: s-maj=38.6km s-min=27.1km az=176.0 NEIC 06 10:52:28.9.2.1.51.9N:0.2x171.47W:0.07, h50km,12km ISCJB 06 10:52:29.0.8.5.22N:0.2x171.61W:0.08, h60km,5km, mb3.9/7, Error ellipse: s-maj=26.9km s-min=6.0km az=165.4 AEIC 06 10:52:29.2.9.51.9N:0.2x171.44W:0.08, h33km,8km, ML3.4, mb3.8/11(NEIC) ISC 06 10:52:31.0.1.7.522N:0.3x171.63W:0.07, h58km,12km, n48, a1937/45, mb3.9/9, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MTN, Mantion Dam, AS31, Alice Springs, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like STKA, Stephens Creek, FITZ, Fitzroy Cross, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WRAB, Tennant Creek, WRA, Warrungarra Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ADK, Adak, MSW, Makushin Switc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BBOO, Buckleboo, STKA, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like IMAR, Indian Mount, QSPA, South Pole Qu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ILAR, Eielson Array, BARN, Barnard Glacier, etc.

DJA 06 09:58:06.3.0.8.4.5.5x12.9E:1.1, h10km, M3.1/4, MLV3.1/4, Seram Code Station Name Az Az' Phase ID Time Res h m s ISC MSAI Masohi 0.34 37 Op Pn 09 58 19.6 +0.4 MSAI Masohi 0.53 263 P S 09 58 17.4 -0.3 AAI Ambon 0.53 263 S S 09 58 25.0 -0.4 AAI Ambon 0.53 263 S S 09 58 25.0 -0.4

SNET 06 10:37:39.1.4.13.42N:90.46W, h28km,4km, ML2.8 GCG 06 10:37:39.0.0.6.13.55N:90.51W, h58km,16km, ML3.3 ISC 06 10:37:38.0.7.1.13.44N:0.2x90.50W:0.1, h34km,15km, n14, a0752/20, Near coast of Guatemala Code Station Name Az Az' Phase ID Time Res h m s ISC IXG Ixpaoc 0.79 6 eP Pn 10 37 52.7 -0.3 MOYG Moyuta, Jutiap 0.79 33 eP Pn 10 37 52.7 -0.3 MOYG Moyuta, Jutiap 0.79 33 eS Pn 10 38 04.1 +0.4 SBL S San Blas 0.99 62 eP Pn 10 37 55.1 -0.7 RTR El Retiro 1.00 59 eP Pn 10 37 55.0 -0.6 RTR El Retiro 1.00 59 eS Pn 10 38 08.5 -0.3 SNU S San Jose 1.02 61 eS Pn 10 37 55.4 -0.7 FUG Fuego 3.0 110 344 eS Pn 10 37 57.1 -0.2 FUG Fuego 3.0 110 344 eS Pn 10 38 10.5 -0.9 UNIV Universidad Ca 1.12 58 eS Pn 10 38 03.9 -0.8 NGB Las Nubes 1.21 8 eS Pn 10 38 03.3 +0.4 NGB Las Nubes 1.21 8 eS Pn 10 38 13.6 -0.7 SNET Serv Nac Est T 1.29 76 eS Pn 10 38 15.6 -0.5 SNET Serv Nac Est T 1.29 76 IAML 10 38 18.8

NEIC 06 11:18:02.2.2.0.18.1N:0.2x68.23W:0.07, h92km,15km ISCJB 06 11:18:03.5.0.7.18.1N:0.1x68.18W:0.04, h75km,10km, Error ellipse: s-maj=21.4km s-min=3.9km az=12.1 RSPR 06 11:18:04.1.6.18.07N:68.20W, h72km,2km, MD3.2/9 OSPL 06 11:18:07.2.18.04N:68.14W, h60km, MD3.6 ISC 06 11:18:04.1.1.5.18.1N:0.1x68.19W:0.04, h71km,12km, n44, a0756/11, 13C-1D, Mona Passage Code Station Name Az Az' Phase ID Time Res h m s ISC PCDR Punta Cana, DR 0.49 339f Op Pn 11 18 16.5 -0.4 PCDR Punta Cana, DR 0.49 338 fP Pn 11 18 16.5 -0.4 PCDR Punta Cana, DR 0.49 338 fP Pn 11 18 16.5 -0.4 PCDR Punta Cana, DR 0.49 338 fP Pn 11 18 16.5 -0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Punta Cana, DR, Mayaguez, Cabo Rojo, PR, Las Mesas, Magueyes Islan, Aguadilla, PR, Guanica, Bosqu, Loma Pena Alta, Arecibo Observ, Santo Domingo, InterUniversit, Patillas Dam, Canovanas, Santiago de lo, Culebra, Puert, Presa de Saban.

KRNET 06 11:18.9.0.1, 41.20N.69.69E, mb2.5
SOME 06 11:18.23.0.40, 98N.69.98E, h5km
NINC 06 11:18.23.9.2.9, 41.01N.70.18E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=22.3km s-min=11.1km az=36.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Luzhny, Batken, Chikment, Arkit, Broliday, Karatay Array, Arslanbob, Aral, Ala-Archa, Tokmak 2, Tokmak 1.

DRS 06 11:20.21.8.0.0, 41.98N.45.79E, h15km
MOS 06 11:20.22.0.0.0, 42.11N.45.97E, h14km, MPVA3.1
ISCBJ 06 11:20.23.2.0.5, 42.12N.0.03:45.90E.0.04, h5km, 12km,
Error ellipse: s-maj=5.3km s-min=4.0km az=28.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lagodekhi, Dedoflistskaro, Botlikh, David-gareji, Khunzakh, Gunib, Kumukh, Botanikuri, Uncukul, Groznyy, Dubki, Tsey.

TAP 06 11:37:41.0, 22:82N:120:87E, h7km, ML1.5, 4C, C,

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sandimen, Taimali, Liugu, Mashibuluo, Masbit, Tauyuan, Jiashin, Lidau, Nanshi, Ta-pu, Yu-li, Puzi.

TAP 06 11:37:42.5, 23:70N:121:97E, h35km, 1km, ML2.0, D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guangfu, Shilin, Chiawan, Ruisui, Nanganchiao, Hungye, Xiulin Townshi, Yu-li, Hehuan Shan, Renai, Eosi, Xinyi Township, Yuchr, Alishan.

MAN 06 11:51:36.0, 6:80N:124:57E, h33km, mb4.4, ML3.3, MS3.0, 2C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cotabato-PC H, Kidapawan, Gagayan de Oro.

IDC 06 11:56:49.1=60.0, 20:97S:176:65W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/22, mbtmp3.7/3, MS3.6/1, Ms1 3.6/1, ms1mx2.7/30, Error ellipse: s-maj=118.0km s-min=160.7km az=84.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Stephens Creek, Jay, Alice Springs, Warrungarra Arr.

NNC 06 12:15:59.4=2.7, 50:67N:73:87E, h0km, mb3.5, mpv3.3, 5C-4D, Error ellipse: s-maj=39.6km s-min=10.0km az=152.0, Suspected Mining explosion., Central Kazakhstan

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuruchato, Semipalatinsk, Makanchi, Makanchi Array.

UCR 06 12:43:14.3, 3.9:16N:82:61W, h3km, 6km, MD4.0, 6C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Volcan, San Vito, Buenos Aires, David, Puerto Jimnez, Las Mercedes, Dominical, Volcan Turrial, La Lucha 2, Heredia, Fortuna, Arenal 1, Laguna Cedeo, Las Juntas de Azuero, Isla Barro Col.

VAO 06 12:48:07.8:0.4, 16:10S:70:12W, h186km, 3km, mb4.6, ISCBJ 06 12:48:07.5:0.1, 16:18S:0:02:70:01W:0.03, h200km, mb4, 4/42, Error ellipse: s-maj=3.6km s-min=2.0km az=158.5

MOS 06 12:48:08.0:1.6, 16:11S:69:94W, h189km, mb4.6/20, Error ellipse: s-maj=11.5km s-min=6.7km az=106.8

NEIC 06 12:48:08.2:2.9, 16:18S:0:06:69:98W:0.07, h192km, 5km, mb4.5/185

GUC 06 12:48:09.9:0.7, 16:63S:70:41W, h211km, 7km, ML5.1, IDC 06 12:48:10.5:0.7, 16:12S:69:82W, h196km, 5km, mb4.2/16, mb1 4.3/20, mb1mx2.4/28, mbtmp4.7/20, MS3.6/1, Ms1 3.6/1, ms1mx2.7/20, Error ellipse: s-maj=12.4km s-min=9.4km az=53.0

SJA 06 12:48:11.3:2.8, 16:61S:69:83W, h190km, 14km, ML4.9, MV4.4

ISC 06 12:48:09.4:0.3, 16:25S:0:03:70:07W:0.04, h200km, m594, 1587/558, mb4.5/111, 11C-2D, Southern Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, Pisagua, IPOC Station P, Minye Minye.

PSGCX Pisagua 3.33 181 P IAML

GO01 Chusmiza 3.50 166 I/S Pn 12 49 00.6 -2.6

GO01 Chusmiza 3.50 166 I/S Pn 12 49 01.5 -0.5

GO01 Chusmiza 3.50 166 I/S Pn 12 49 01.5 -0.5

GO01 IPOC Station P 3.52 174 I/S Pn 12 49 03.8 -1.6

PB11 IPOC Station P 3.52 174 I/S Pn 12 49 03.8 -1.6

PB11 IPOC Station P 3.52 174 I/S Pn 12 49 03.8 -1.6

PB08 IPOC Station P 3.97 167 I/S Pn 12 49 00.6 -2.6

GO01 Chusmiza 3.50 166 I/S Pn 12 49 01.5 -0.5

GO01 Chusmiza 3.50 166 I/S Pn 12 49 01.5 -0.5

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like O51A Pataskala, TUL1 Leonard, N55A Marion Center, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M3VC Mesa Verde, E3CD EROS Data Center, Y14A Wickenburg, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like YERR Yerington, PNTR Pine Nut, BOZ Bozeman (W), PAHR Pah Rah Range, etc.

6d 14h

Table of station data for 6d 14h, including columns for station name, coordinates, and various parameters.

2013 OCT

Main table of station data for 2013 OCT, listing station names, coordinates, and parameters.

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Table of station data for HFS Hagfors, EKA Eskdalemuir, MK32 Makani Array, MKAR Makanchi Array, MKAR Makanchi Array, ABKAR Abkuak array, ABKAR Abkuak array, AKASG Malin Array Be, AKBB Malin Array Si, AKBB Malin Array Si, KBZ Khabaz, ESDC Sonseca Array, PLCA Paso Flores.

Table of station data for BHL Bhannes, DORL Deir Qamar, DORL Deir Qamar, BEYL Beirut, RCY Rachaya, RCY Rachaya, HWQ Hawqa, BRBR Barbar, BRBR Barbar, BRBR Barbar, QASN Qassioun, QASN Qassioun, QASN Qassioun, QASN Qassioun, TOTAH Totah, TOTAH Totah, TOTAH Totah, TOTAH Totah.

Table of station data for IDC 06 14:00:40.0, MEX 06 14:00:42.1, NEIC 06 14:00:45.6, and other stations.

Table of station data for AC2P Acapulco, CAIG Cayago, ARIG Puerto Sto Nin, ZIIG Zihuatanejo, TLIG Tlapa, PLIG Platanillo, YAIG Yautepac, MOIG Morelia, CMIG Matias Romero, CMIG Matias Romero, CCIG Comitan, APG El Apazote, TEIG Tepich, TEIG Tepich, TX31 Lajitas Ar. Si, TXAR Lajitas Array, TXAR Lajitas Array, WHTX Lake Whitney, WHTX Lake Whitney, MRIG Santa Rosalia, SRIG Cornudas Mount, MNTX Cornudas Mount, NATX Naacodocales, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ESPN Las Esperanzas, JTS Las Juntas de, JTS Las Juntas de, 319A Cookes Peak, 121A Cookes Peak, MSTX Muleshoe, MSTX Muleshoe, WMOK Wichita Moun, WMOK Wichita Moun, WLAR White Oak Lake, WLAR White Oak Lake, AMTX Amarillo, AMTX Amarillo, BNM Baren Site, MIAR Mount Ida, MIAR Mount Ida, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, W39A Magazine, W39A Magazine, TUL1 Leonard, TUL1 Leonard, TUL1 Leonard.

Table with columns: WHAR, WOOLY HOLLOW, 19.75, 19, P, P, 14 05 09.8 +0.1, 14 05 17.9, etc.

Table with columns: V53A, SALUDA, 24.34, 36, P, P, 14 05 58.8 +1.1, 14 05 17.9, etc.

Table with columns: HRY, HOLTER RESEAR, 31.45, 344, P, P, 14 09 53.2 -1.2, 14 07 02.6 +0.3, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TPIG Tehuacan, MOIG Morelia, CMIG Matias Romero, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like U40A Yellville, 252A Lumpkin, Z50A Ashland, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KSU1 Kansas State U, Y53A Monroe, CCM Cathedral Cave, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like PAULI, V53A, V53A, TCRU, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Q50A, S53A, PAGES, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like N49A, N49A, U59A, etc.

6d 15h

Table with columns: Station ID, Name, Comp, Z, B, Tm, S, P, Az, El, Az, El, Res, Time, Res. Includes stations like K52A Tillsonburg, O58A Lewisberry, H47A Mio, N57A Milroy, M56A Emporium, M56A Emporium, M56A Emporium, MDND Maddock, H48A Harrisville, M04C Macdoel, O59A Robesonia, PLID Pearl Lake, M57A Sunshine Farm, M57A Sunshine Farm, M02C Callahan, BMO Blue Mountains, AGMN Agassiz Nation, AGMN Agassiz Nation, YBH Yreka Blue Hor, D41A Chassel, D41A Chassel, DGMT Dagmar, M58A Price's Panora, EYMN Ely, N59A State Game Lan, N59A State Game Lan, J05D Fort Rock, L57A Andrews Acres, M54A Appleton, J50A Missoula, M50A Missoula, EGMT Eagleton, EGMT Eagleton, N60A Cedar Hill Far, SJG San Juan, F10A Beach Franch, F159A Waymart, G08A Pilot Rock, L58A Harry Jones Me, BINY Binghamton, SADO Sadowa, SADO Sadowa, PAL Palisades, JTMT Jette, L59A Walton, K58A Earlville, J01E Myrtle Point, I03D Brack, OR BUOK Duck Lake, J57A Williamstown, H04A Detroit Lake, G05D Wamic, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lebanon, I02D Swisshome, G54A Lake Saint Pet, L61A Hillside 1, H D08A Wolman Farm, F05D White Salmon, WALA Waterton Lakes, E51A Old Forge, I58A G1948 Merrick, J59A Piesco, NEW Newport, NEW Newport, NEW Newport, C09A Bryant, C09A Sainte-Anne-du, D56A ZEC Mazanza, M H62A Milan, A04D Lummi Island

2013 OCT

Table with columns: Station ID, Name, Comp, Z, B, Tm, S, P, Az, El, Az, El, Res, Time, Res. Includes stations like LSQQ Lebel-sur-Quev, MATO Matagami, G62A West of Eustis, G62A West of Eustis, FFC Flin Flon, F63A Nahmakanta, F63A Sherman, E63A Oxbow, E63A Saint George, GGN Bathurst New B, LPAZ La Paz, LPAZ Schefferville, SCHO Schefferville, SCHO Schefferville, YKA Yellowknife Ar, YKA Yellowknife Ar, YKRB Yellowknife Ar, YKWB Yellowknife Ar, DLBC Dease Lake, DLBC Dease Lake, TAOE Nuku Hiva Isla, FRB Frobrisher Bay, TGL Tana Glacier, CRQM Cirque, MCARA Gilahina Butte, GLB Gilahina Butte, DAWY Dawson, BCAR Beaver Creek, HIN Hinchinbrook I, FID Port Fidalgo, EPYK Eagle Plains, EPYK Eagle Plains, MENT Mentasta, EGAK Eagle, DOT Dot Lake, INK Inuvik, INK Inuvik, PAX Paxson, SCRR Sand Creek, SCM Sheep Creek Mo, SEN Seward, SKW Knik Glacier, SML Sawmill, BRLK Bradley Lake, CNPM China Pote, OHAK Old Harbor, PMR Palmer, GHO Holy Hole Cre, RC01 Rabbit Creek A, DHY Denali Highway, PMOR Pomarioiroe, SUA Susitna One, HDA Harding Lake, HDA Harding Lake, PRP Porcupine Dome, RND Reindeer, IL31 Elsie's Array, ILAR Elsie's Array, ILAR Elsie's Array, MCK McKinley, RSO Redoubt South, CCB Clear Creek Bu, WRH Wood River Hill, SKT Skwentna, PRK Poker Flat Res, TRF Thorofore Moun, MDM Murphy Dome, BWN Resolute Bay, RES Resolute Bay, RES Resolute Bay, NEA Nenana, EMAR Burnt Mountain, KTH Kantishna Hill, PPLA Purkeypile, BPAW Bear Paw Mtn, CAST Castle Rocks, MEH Mehetia, MLY Manley, SVW2 Sparrevohn

Table with columns: Station ID, Name, Comp, Z, B, Tm, S, P, Az, El, Az, El, Res, Time, Res. Includes stations like SVW2 Coldfoot, PPT Papeete, PPT2 Papeete2, CPUP Villa Florida, PASO Paso Flores, PASO Paso Flores, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, PE1A Petropavlovsk, PETK Petropavlovsk, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, NB200 NORSAR Array S, NB200 NORSAR Array B, NOA ARCES Array S, AR0A ARCES Array S, AR0A ARCES Array B, ARCES Colim, CLL Collin, CLL Collin, CLL Collin, CLL Collin, CLL Collin, FIAO FINESS Array S, FINES FINESS Array B, FINES FINESS Array B, YAK Yakutsk, GECC GERESS Array S, GECC GERESS Array S, GERES GERESS Array B, GERES GERESS Array B, DBIC Dimbokro, DBIC Dimbokro, NRIK Norikashi, TOA Torodi Ar, TORO Torodi Ar, TORO Torodi Ar, DZM Mont Dzumac, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, WMQ Wamunga Arr, GTA Gaotai, GEYT Alibeck, LZH Lanzhou, STKA Stephens Creek, KSH Kashi, CD2 Chengdu, WR1 Warrungunga Arr, WR1 Warrungunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr

IDC 06 15:03:01.4.3.6, 7.08S-154.80E, h0km, mb3.3/3, mb1 8.6/4, mb1mx3.3/37, mbtm3.4/4, Error ellipse: mb1=81.5km s-min=33.4km az=100.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Warrungunga Arr, ASAR Alice Springs, MKAR Makanchi Array, MEX 06 15:10:55.71.6, 16.93N-100.08W, h5km, 7km, MD5.0, BUI 06 15:10:56.5.0.0, 17.30N-99.90W, h10km, Ms5.1/2, Ms7.5/0.4, ISCBJ 06 15:10:57.9.1.5, 16.88N-105.99W, 0.02, h33km, 9km, mb4.2/18, MS4.3/27, Error ellipse: s-maj=7.9km s-min=3.7km az=7.1, IDC 06 15:10:58.8.4.2, 17.02N-99.99W, h33km, 30km, mb4.0/18, mb1 4.2/23, mb1mx4.1/39, mbtmp4.2/23, ML3.6/5, MS4.2/27, Ms1 4.2/27, ms1mx4.2/30, Error ellipse: s-maj=24.8km s-min=11.1km az=46.0, GCMT 06 15:10:59.7.0.2, 17.05N-101.99W, 0.02, h21km, Ms5.6/5, Ms11.1/11, Moment Tensor Solution, #111,c160, Duration: 0 Moment tensor: Scale 10^16Nm; Mn:4.08±.14; Mw:3.62±.10; Ms:0.46±.06; Mz:2.41±.17; Ms:1.35±.07; Mr:2.07±.19; Best double couple: Ms:1.8500x10^16 NP1:0.122,00000, 0.64,00000, 0.105,00000. NP2:0.279,00000, 0.28,00000, 0.69,00000. Principal axes: T 5.2600, Plg69.00000, Azm54.00000; N -0.1560, Plg10.00000, Azm298.00000; P -5.1100, Plg18.00000, Azm204.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, ISC 06 15:10:55.9.0.8, 16.82N-104.100W, 0.03, h19km, 3km, n332, r193/324, mb4.3/18, MS4.3/27, Near coast of Guerrero

TLIG	Tiapa	1.59	62	eP	Pn	15 11 23.0	-0.3	KSCO Kaye Shedlock'	2022 355	P	P	15 15 51.3	-0.3	T53A Wise	25.35	34	P	P	15 16 21.8	-0.2	
TLIG				eS	Sb	15 11 44.4	-0.2	baz=173						baz=222							
PLIG	Platanillo	1.64	18	iP	Pn	15 11 23.8	-0.2	Y52A Lilburn	22.23	37	P	P	15 15 51.6	0.0	VES Vestal, Richgr	25.41	322	P	P	15 16 24.6	+2.3
PLIG				iS	Sb	15 11 44.1	-0.5	baz=224						baz=132,SNR=9.9							
PLIG				iS	Sb	15 11 44.2	-0.5	GOGA Gooey	22.27	39	P	P	15 15 53.2	+1.3	U54A Nelsons Funny	25.41	36	P	P	15 16 22.7	+0.2
PNIG	Pinotepa	1.88	103	eP	Pn	15 11 21.1	-6.1	baz=226,SNR=8.2						baz=234							
YAIG	Yautepac	2.23	24	eS	Pn	15 11 42.4	-8.1	X51A Calhoun	22.30	35	P	P	15 15 53.3	+1.0	HDIL Hopedale	25.42	19	P	P	15 16 21.5	-0.9
YAIG				eS	Pn	15 11 31.0	-1.1	PFO Pinyon Flats 0	22.31	322	P	P	15 15 53.1	+0.5	R11A Troy Canyon, C	25.42	331	P	P	15 16 24.4	+1.7
YPIG	Yapoc	2.61	31	eP	Sb	15 12 03.3	+0.1	3.8mm,0.3s,baz=130,slow=14,SNR=14						baz=143,SNR=18							
PPM	Popocatepeti	2.61	31	eP	Pn	15 11 24.6	-1.3	PFO			LR	LR	15 24 43.3		R50A Paris	25.44	30	P	P	15 16 21.9	-0.7
UNM	Universidad Na	2.62	18	eP	Sg	15 12 18.2	-1.7	comp=Z,636nm,19.3s,baz=142,slow=37						baz=217							
UNM				iS	Sg	15 11 39.7	+2.1	PFO Pinyon Flats 0	22.31	322	P	P	15 15 54.2	+1.6	Y59A Loris	25.56	44	P	P	15 16 24.8	+1.1
PHPU	Puebla	2.84	39	eP	Pb	15 12 18.4	+1.4	baz=134,SNR=9.1						baz=234							
TPIG	Tehuacan	3.01	58	eP	Pb	15 11 45.2	-1.1	BELC Belle Mtn. Jos	22.32	323	P	P	15 15 54.2	+1.5	W57A Gilead	25.56	41	P	P	15 16 23.6	-0.2
TPIG				iS	Sb	15 12 28.6	+3.1	baz=135,SNR=15						baz=230							
MOIG	Morelia	3.04	339	eP	Sb	15 12 28.6	+3.1	155A Kite	22.36	42	P	P	15 15 54.2	+1.2	S52A Salsverville	25.59	32	P	P	15 16 23.9	-0.1
MOIG				iS	Sb	15 11 43.3	0.0	baz=230						baz=230,SNR=5.7							
VHO	Vista Hermosa	3.18	85	eP	Pb	15 12 29.0	+2.5	KSUI Kansas State U	22.40	7	P	P	15 15 54.7	+1.3	X58A Howland	25.60	42	P	P	15 16 24.7	+0.6
OXBJ	Oaxaca	3.18	85	eP	Pb	15 11 45.5	+0.4	baz=188						baz=232							
URUA	Urupapan	3.23	324	eP	Pb	15 11 53.2	+1.1	Y53A Monroe	22.50	38	P	P	15 15 55.4	+0.9	SMMC Simmler	25.61	320	P	P	15 16 25.7	+1.5
DEIG	Demucan	3.59	15	eS	Pb	15 11 50.9	-1.9	CCM Cathedral Cave	22.52	18	P	P	15 15 53.3	-1.3	V56A Mocksville	25.69	39	P	P	15 16 24.7	-0.2
HUIG	Huatulco	3.92	105	eP	Pn	15 11 60.0	+1.0	baz=202						baz=228,SNR=6.7							
R15V				eP	Pn	15 12 49.6	-1.8	Z54A Sparta	22.53	40	P	P	15 15 55.9	+1.1	DUG Dugway, Tooele	25.79	337	P	P	15 16 27.5	+1.5
LVIG	Laguna Verde	4.49	49	eP	Pn	15 12 03.3	+1.2	W50A Signal Mountai	22.54	33	P	P	15 15 53.6	-1.3	R51A Hillsboro	25.82	31	P	P	15 16 25.6	-0.4
CMIG	Matias Romero	4.94	86	Pn	Pn	15 12 00.7	-2.4	V49A McMinville	22.68	31	P	P	15 15 54.7	-1.7	U55A TA2, Sparta	25.84	37	P	P	15 16 26.2	-0.1
CMIG				Pg	Pb	15 12 08.6	-0.6	baz=218						baz=226,SNR=7.3							
CMIG	2.9mm,0.3s,baz=262,slow=13,SNR=15							GMRC Granite Mounta	22.70	325	P	P	15 15 58.1	+1.4	T54A Tazewell	25.93	35	P	P	15 16 26.9	-0.3
CMIG	19mm,0.3s,baz=282,slow=11,SNR=8.2							MURC Murrieta	22.75	320	P	P	15 15 58.6	+1.5	W58A Raeford	25.96	42	P	P	15 16 27.3	-0.1
CMIG	66mm,0.3s,baz=347,slow=18,SNR=10.0							W51A Cleveland	22.80	34	P	P	15 15 57.7	+0.1	SFIN Lafayette	26.02	23	P	P	15 16 27.6	-0.2
CMIG	Matias Romero	4.94	86	eP	Pn	15 12 09.6	+0.4	S44A Carbondale	22.86	22	P	P	15 15 56.4	-1.8	Q50A Georgetown	26.05	29	P	P	15 16 27.2	-1.0
ZJM	Zachama	5.45	300	eP	Pn	15 12 13.2	-3.0	X52A Dahlonega	22.86	36	P	P	15 15 59.2	+0.9	S53A Williamson	26.09	34	P	P	15 16 28.2	-0.4
CJIG	Zacatecas	6.38	339	eP	Pn	15 12 36.9	+7.7	Z55A Blythe	22.96	41	P	P	15 15 59.8	+0.4	X59A McDuffie Farm,	26.09	43	P	P	15 16 29.3	+0.7
ZJIG				eS	Pn	15 14 03.3	-1.0	baz=229						baz=233							
APG	El Apazote	9.39	100	LR	LR	15 16 52.8		156A Sylvania	23.01	43	P	P	15 16 01.0	+1.2	U56A King	26.12	38	P	P	15 16 29.2	+0.4
HPG				eP	Pn	15 13 41.4	+4.2	V50A Pikeville	23.01	32	P	P	15 15 59.3	-0.5	L57A Coltrane Farms	26.18	40	P	P	15 16 29.2	-0.2
TEIG	Tepech	11.66	71	Pn	Pn	15 13 39.5	-1.9	BBRC Big Bear Solar	23.04	322	P	P	15 15 02.8	+2.4	V40A Anamosa	26.27	15	P	P	15 16 28.9	-1.2
TEIG				eS	Sn	15 15 45.5	-5.7	baz=134						baz=199							
TEIG	comp=Z,2um,19.3s,baz=255,slow=45							Y54A Tignall	23.05	39	P	P	15 15 59.8	-0.4	P49A Miami Univ. Ec	26.28	27	P	P	15 16 29.2	-1.0
PLIG	La Paz	12.04	309	LR	LR	15 18 00.8		HEC Hector,Ludlow	23.11	324	P	P	15 16 02.5	+1.6	R52A Catlettsburg	26.31	32	P	P	15 16 29.9	-0.7
TXAR	Lajitas Array	12.89	346	Pn	Pn	15 13 59.9	+1.6	T47A Sharon Grove	23.12	27	P	P	15 15 59.1	-1.8	K22A Casper	26.33	349	P	P	15 16 31.9	+1.0
TXAR				Lg	Lg	15 17 43.6		X53A Estanolle	23.13	37	P	P	15 16 01.7	+0.7	T55A Pulaski	26.42	36	P	P	15 16 31.4	-0.2
JCT	Junction City	13.60	1	P	Pn	15 14 08.9	+0.9	W52A Murphy	23.20	35	P	P	15 16 02.3	+0.5	U51A Peebles	26.42	30	P	P	15 16 31.7	-0.6
435B	Jarrell	14.08	9	P	Pn	15 14 18.0	+3.6	TUQ Turquoise Mount	23.33	326	P	P	15 16 05.4	+2.2	V58A Win Hill, Pi	26.52	41	P	P	15 16 32.5	0.0
WHTX	Lake Whitney,	15.28	8	P	Pn	15 14 35.5	0.0	U49A Red Boiling Sp	23.34	30	P	P	15 16 01.1	-2.1	M44A Midewin, Midew	26.57	20	P	P	15 16 32.0	-0.9
MNTX	Cornudas Mount	15.59	343	P	Pn	15 14 36.8	+2.0	157A Early Branch	23.36	44	P	P	15 16 02.8	-0.5	S54A Dingess, Beckl	26.61	35	P	P	15 16 32.9	-0.4
NATX	Nacogdoches	15.65	17	P	P	15 14 39.4	-0.2	ISCO Idaho Springs	23.40	349	P	P	15 16 03.9	-0.2	R53A Hurricane	26.66	33	P	P	15 16 33.3	-0.4
ABTX	Ablene, Hawle	15.74	1	P	P	15 14 40.2	+0.4	BFSC Mount Baldy Ra	23.46	321	P	P	15 16 08.5	+3.9	O48A Farmland	26.68	26	P	P	15 16 32.9	-1.0
JBS	Las Luntas de	16.04	112	Pn	Pn	15 14 41.0	+0.4	V51A Loudon	23.50	33	P	P	15 16 04.3	-0.4	BLA Blacksburg	26.69	37	P	P	15 16 33.6	-0.4
JTS				LR	LR	15 20 11.4		Y55A Saluda	23.61	40	P	P	15 16 05.7	-0.1	P50A Jamestown	26.75	29	P	P	15 16 33.1	-1.4
121A	Cookes Peak, D	17.14	337	P	P	15 14 56.8	+0.5	W53A Cullowhee	23.68	36	P	P	15 16 07.0	+0.3	T56A Rocky Mt	26.79	37	P	P	15 16 34.8	-0.1
MSTX	Muleshoe	17.25	352	P	Pn	15 14 55.0	-1.0	TKL Tuckaleechee C	23.70	35	P	P	15 16 05.1	-1.6	U57A Blanch	26.80	39	P	P	15 16 35.0	0.0
WMOK	Wichita Mounta	17.88	3	P	P	15 15 05.3	+1.0	X54A	23.70	39	P	P	15 16 06.9	+0.1	NVAR	26.83	327	P	P	15 16 36.9	+1.4
AMTX	Amarillo	18.05	356	P	Pn	15 15 04.8	-1.1	GSC Goldstone, Bar	23.71	324	P	P	15 16 08.7	+1.7	NVAR	0.2mm,0.3s,baz=126,slow=2.3,SNR=3.1		PcP	PcP	15 19 59.4	+1.4
TUC	Tucson	18.23	330	P	P	15 15 09.8	+1.5	U50A Jamestown	23.72	32	P	P	15 16 10.0	-1.9	W60A Pink Hill	26.96	43	P	P	15 16 36.9	+0.5
MIAR	Mount Ida	18.58	17	P	P	15 15 10.7	-1.2	SHOC Shoshone, Tec	23.86	326	P	P	15 16 05.2	+1.9	O49A Covington	26.98	27	P	P	15 16 35.8	-0.7
X40A	Basin Creek Fa	18.74	19	P	Pn	15 15 14.4	+0.2	158A Hollywood	23.93	45	P	P	15 16 10.1	+1.2	Q52A Bidwell	26.98	32	P	P	15 16 35.9	-0.7
ANMO	Albuquerque	18.94	344	P	P	15 15 15.3	-0.8	T49A Edmonton	23.93	30	P	P	15 16 07.5	-1.4	ECSD EROS Data Cent	26.98	5	P	P	15 16 37.2	+0.6
ANMO				Lg	Lg	15 20 53.5		Z57A Bowman	23.93	43	P	P	15 16 09.3	+0.4	N47A Urbana	26.99	24	P	P	15 16 35.1	-1.5
ANMO	comp=Z,267nm,18.9s,baz=166,slow=36							V52A Sevierville	23.93	35	P	P	15 16 07.9	-1.0	P51A Williamsport	27.00	30	P	P	15 16 35.8	-0.9
ANMO	Albuquerque	18.94	344	P	Pn	15 15 17.2	+0.4	EDW2 Edwards Air Fo	24.11	322	P	P	15 16 11.7	+1.1	S55A Lewisburg	27.04	36	P	P	15 16 37.0	-0.2
214A	Organ Pipe Nat	19.01	325	P	Pn	15 15 18.8	+1.3	U51A La Follette	24.11	33	P	P	15 16 09.9	-0.8	V59A Middelex	27.06	42	P	P	15 16 37.3	0.0
W39A	Magazine	19.13	16	P	P	15 15 18.2	+0.2	NHSC New Hope	24.16	44	P	P	15 16 12.1	+1.0	R54A Victor	27.07	34	P	P	15 16 37.0	-0.4
TUL1	Leonard	19.38	10	P	Pn	15 15 21.8	-0.1	W54A Cherokee Point	24.19	38	P	P	15 16 11.3	0.0	BW06 Boulder Array	27.11	345	P	P	15 16 38.3	+0.4
X43A	Marvell	19.44	23	P	P	15 15 21.8	+0.5	T50A Nancy	24.20	31	P	P	15 16 10.1	-1.3	PDAR	1.8mm,0.6s,baz=144,slow=10,SNR=25		PcP	PcP	15 16 37.6	-0.3
W41B	Gary Mavity, V	19.56	19	P	P	15 15 21.8	-0.8	V53A Saluda	24.24	36	P	P	15 16 11.8	0.0	PDAR	0.2mm,0.4s,baz=152,slow=4.1,SNR=25.6		LR	LR	15 28 21.2	
250A	Grady	19.59	37	P	Pn	15 15 24.5	+0.1	O20A White River Ci	24.30	345	P	P	15 16 13.7	+1.2	ELK Elko	27.22	334	P	P	15 16 38.6	-0.4
LRAL	Lakeview Retre	19.98	34	P	P	15 15 27.1	-0.2	LRMC Laurel Mtn Rad	24.34	323	P	P	15 16 14.7	+1.8	T57A Hurd	27.23	38	P	P	15 16 38.8	0.0
059A	Moore Haven	20.21	57	P	Pn	15 15 33.0	+1.2	U52A Thorn Hill	24.47	3											

Table with columns: ID, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like R58A Rapidan, Q57A Strasburg, RLMT Red Lodge, etc.

Table with columns: Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like AKASG Malin Array, HHC Hu-ho-hao-te, etc.

ISCJB 06 15:18:07.9.0.4.501.14N.01:02:88.12E:0.03, h10km, mb3.5/1, Error ellipse: s-maj=2.9km s-min=2.5km az=29.3

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

ISC 06 15:18:10.7.0.7.50.01N.0:02:87.95E:0.02, h10km, n43, c289g, 15C-3D Southwestern Siberia

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

ISCJB 06 15:36:52.8.0.9.16:71N.0:06:99:94W:0.03, h29km, 4km, mb3.9/4, MS3.4/3, Error ellipse: s-maj=10.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACAP2 Acapulco, ACAP2 Acapulco, etc.

Table with columns: Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like MINR Mina, MINR Zheleznogorsk, etc.

IDC 06 15:32:40.1.1.4.19:77S:178:05W, h0km, mb3.4/3, mb1.3/8.4, mb1mx3.6/47, mbtm3.6/4, ML4.1/1, Error ellipse: s-maj=51.0km s-min=28.6km az=146.0

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

ISCJB 06 15:35:34.5.1.1.39:35S:0:2:78:6E:0.3, h10km, mb3.9/5, MS3.5/4, Error ellipse: s-maj=28.6km s-min=21.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISC 06 15:35:36.4.1.4.39:35S:0:2:78:5E:0.3, h10km, n21, c09N012, mb4.1/7, MS3.6/4, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W1 Cape Leeuwin H, MAW Mawson, etc.

ISCJB 06 15:36:52.8.0.9.16:71N.0:06:99:94W:0.03, h29km, 4km, mb3.9/4, MS3.4/3, Error ellipse: s-maj=10.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACAP2 Acapulco, ACAP2 Acapulco, etc.

ISC 06 15:36:53.6.1.5.16:73N.0:09:100:04W:0.05, h19km, 5km, n128, c1912/132, mb4.2/40, MS3.4/3, Near coast of Guerrero

6d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ABTX, Y52A, Y53A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TZTN, U55A, U57A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PV13, PV02, LCMT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TIKI, YAKUTSK, GEYT, ARU, USRK, ABKAR, etc.

MAN 06 16:17:18.2, 13'48N;121.75E, h76km, mb4.2, ML3.0, MS2.7, 1D, Mindoro

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

SJA 06 16:20:14.6:0.3, 31.94S;71.18W, h14km, 12km, ML2.5, MW2.9

ISCJB 06 16:20:16.5:1.3, 32.02S;0.04:71.34W, 0.09, h90km, 13km, Error ellipse: s-maj=13.0km s-min=6.4km az=1.6

HGC 06 16:20:17.7:0.6, 32.07S;71.27W, h85km, 6km, ML3.1

ISC 06 16:20:17.9:2.5, 32.06S;0.04:71.35W, 0.1, h79km, 25km, n14, e051/23, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CO02, ROCH, VA01, PEL, CLCH, FCH, ANTU, RTLS, LMEL, ARCO, ASAL, AAGR, RTVC, VCA, etc.

ICD 06 16:31:27.8:4.4, 5.31S;147.13E, h133km, 72km, mb3.4/3, mb1.3/6.5, mb1mx3.2/5.0, mbtmp3.8/5, Error ellipse: s-maj=122.1km s-min=35.9km az=98.0, Eastern New Guinea region

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

ICD 06 16:36:56.6:1.1, 10.19S;160.55E, h0km, mb4.1/6, mb1.4/3.8, mb1mx4.1/5.1, mbtmp4.1/8, ML3.4/2, Error ellipse: s-maj=23.6km s-min=17.4km az=82.0

ISCJB 06 16:37:00.6:0.5, 10.23S;0.05:160.53E, 0.07, h37km, mb4.1/7, Error ellipse: s-maj=10.5km s-min=6.8km az=159.2

NEIC 06 16:37:02.3:1.5, 10.1S;0.1:160.6E, 0.1, h47km, 5km, mb4.7/15

ISC 06 16:37:01.4:0.7, 10.21S;0.07:160.61E, 0.10, h37km, n33, e199/36, mb4.4/12, 1C, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CTAO, PATS, COEN, EIDS, ARMA, WRAB, etc.

BUI 06 16:38:05.4:0.0, 12.10N;142.17E, h109km, mb5.5/81, mb5.8/61

NEIC 06 16:38:08.8:1.5, 12.31N;0.07:141.69E, 0.07, h104km, 1km, mb5.7/42, Mw6.0, Mw6.0, Mw6.0, Mw6.1 (GCMT), Moment Tensor Solution: Moment tensor: Scale 1019Nm; Mn:0.49; Mw:0.39; Ms:0.10; Mo:1.13; Mo:0.06; Mo:0.71; Fault plane solution: Mo:1.41000x1018 NP1: phi=259.77000°, delta=350.000°, lambda=650.000°; NP2: phi=119.58000°, delta=202.000°, lambda=64150°. Principal axes: T 1.5166, Plg5.0000°, Azm37.0000°; N -0.2321, Plg7.0000°, Azm299.0000°; P -1.2845, Plg37.0000°, Azm204.0000°

ISCJB 06 16:38:09.7:0.4, 12.27N;0.01:141.71E, 0.01, h122km, 3km, mb5.7/215 Error ellipse: s-maj=2.5km s-min=2.1km az=162.5

DJA 06 16:38:10.9:0.4, 12.28N;0.14:121.2E, h128km, 5km, M5.8/90, mb5.8/90, mb6.1/81, Mw(mb)5.8/81, Mw6.5/916

MOS 06 16:38:11.8:0.8, 12.28N;141.72E, h146km, mb5.7/48, Error ellipse: s-maj=5.8km s-min=3.8km az=116.4

GCMT 06 16:38:12.8:0.1, 12.14N;141.72E, h116km, Mw6.0/159, Moment Tensor Solution: s159.c376; s159.c580; Duration: 2s5 Moment tensor: Scale 1019Nm; Mn:0.53; Mo:0.55; O1: Mw:0.01; Ms:1.06; Mo:0.1; Mo:0.06; O1; Mo:0.80; O1; Best double couple: Mo1:42300x1018 NP1:phi=22.00000°, delta=81.00000°, lambda=0.00000°. NP2:phi=249.00000°, delta=15.00000°, lambda=38.00000°. Principal axes: T 1.5320, Plg12.0000°, Azm46.0000°; N -0.2160, Plg12.0000°, Azm300.0000°; P -1.3150, Plg35.0000°, Azm202.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ICD 06 16:38:12.1:0.7, 12.29N;141.73E, h131km, 5km, mb5.3/63, mb1.5/3.59, mb1mx5.3/6.0, mbtmp5.7/59, MS5.1/27, Ms1.5/127, ms1mx4.9/38 Error ellipse: s-maj=7.0km s-min=4.8km az=78.0

ISC 06 16:38:10.4:0.3, 12.27N;0.03:141.71E, 0.03, h118km, 1km, h118km;P-P, n1967, e1963/2094, mb5.7/366, 48C-28D, South of Mariana Islands

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

JAY 3.2nm, 0.3s, baz=49, slow=18, SNR=7.5

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

JAY 3.2nm, 19.2s, baz=23, slow=33, SNR=11

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

TPUB 22.84 302 P P 16 43 03.5 -0.1

MRSI Marisa 22.85 241 P P 16 43 03.9 +0.1

YHNS Yeheng 22.86 306 P P 16 43 04.1 +0.3

LUWI Luwuk 22.99 236 P P 16 43 04.2 -0.9

LUWI Luwuk 22.99 236 P P 16 43 04.1 -1.1

JNU Nakatsue 23.00 336 P P 16 43 05.9 +0.9

JNU Nakatsue 23.00 336 P P 16 43 05.9 +0.7

INU Inuyama 23.36 350 P P 16 43 08.2 -0.2

INU Inuyama 23.36 350 P P 16 43 08.2 -0.2

BATP Bataraza 23.75 264 eP P 16 43 10.5 -1.6

APSI Ampanga 23.84 238 P P 16 43 11.8 -1.1

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

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MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

MJAR Matushiro Arr 24.37 353 P P 16 43 16.2 -1.2

6d 16h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=39, etc.).

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Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=39, etc.).

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Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=39, etc.).

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WAKR	comp=Z,59nm,1.3s	IAMB	IAMB	16 50 55.6			
TRO	comp=Z,44m,3.9s	89.28 343	IvMBBB	16 50 52.4			
TRO	eP	P	P	16 50 52.7 -0.1			
TRO	ePP	PP	PP	16 54 24.4 -0.1			
TRO	eSKSac	SKSac	SKSac	17 01 12.2 +0.5			
YERR	Yerington	89.28 50	P	16 50 54.1 +0.3			
YERR	IAMB	IAMB	IAMB	16 50 56.0			
PAGB	comp=Z,53nm,1.0s	89.34 54	P	16 50 53.8 -0.1			
PAGB	Antelope Grade	IAMB	IAMB	16 50 55.9			
SMMC	comp=Z,91nm,1.3s	89.64 54	P	16 50 56.6 +1.2			
MDPB	comp=Z,40nm,0.8s	89.76 52	P	16 50 56.5 +0.4			
MDPB	Devils Postpil	IAMB	IAMB	16 50 59.9			
OMMB	comp=Z,40nm,0.8s	89.82 52	P	16 50 56.9 +0.4			
OMMB	Old Mammoth Mt	P	P	16 50 56.8 +0.5			
OVGG	comp=Z,29nm,0.7s	89.87 53	P	16 50 56.9 +0.4			
OVGG	Valley Oaks Go	P	P	16 50 56.8 +0.5			
PKM	comp=Z,40nm,0.8s	89.89 54	P	16 50 58.0 +1.2			
PKM	Mpherson Peak	P	P	16 50 58.0 +1.2			
PLID	comp=Z,28nm,0.8s	89.90 44	P	16 50 55.9 -0.7			
PLID	Pearl Lake	P	P	16 50 57.2 +0.5			
RYN	comp=Z,28nm,0.8s	89.92 51	P	16 50 58.2 +1.2			
RYN	Mammoth, Mammo	P	P	16 50 58.2 +1.2			
MLAC	comp=Z,28nm,0.8s	89.94 52	P	16 50 56.9 -0.1			
MLAC	Waterton Lakes	IAMB	IAMB	16 51 00.8			
WALA	comp=Z,148nm,1.9s	90.09 55	P	16 50 58.6 +1.2			
WALA	Santa Barbara	P	P	16 50 58.2 +0.5			
SBC	comp=Z,28nm,0.8s	90.12 50	P	16 50 58.2 +0.5			
SBC	Kaiserville	P	P	16 50 58.2 +0.5			
KVN	comp=Z,49nm,1.0s	90.12 50	P	16 50 58.2 +0.5			
KVN	Kaiserville	IAMB	IAMB	16 50 58.2 +0.5			
KVN	comp=Z,49nm,1.0s	90.12 50	P	16 50 58.2 +0.5			
KVN	Kaiserville	IAMB	IAMB	16 50 58.2 +0.5			
NV01	comp=Z,49nm,1.0s	90.14 51	P	16 50 58.6 +0.8			
NV01	Mina Array Sit	P	P	16 50 58.6 +0.8			
NV01	PKIKP	PKIKP	PKIKP	16 55 52.8 -0.3			
NV01	PKIKP	PKIKP	PKIKP	16 55 52.8 -0.3			
NVAR	comp=Z,1.0nm,0.7s	90.14 51	P	16 50 58.6 +0.8			
NVAR	Mina Array Bea	P	P	16 50 58.6 +0.8			
NVAR	comp=Z,52nm,0.7s	90.14 51	P	16 50 58.1 +0.2			
NVAR	Mina Array Bea	P	P	16 50 58.3 -2.1			
NVAR	comp=Z,52nm,0.7s	90.14 315	eP	16 54 33.9			
NVAR	Sochi	P	P	17 01 16.3 -1.4			
NVAR	comp=Z,52nm,0.7s	90.14 315	eP	17 07 50.5 +8.2			
NVAR	Sochi	P	P	17 11 14.9			
SOC	comp=Z,30nm,0.6s		MLR				
SOC			MLR				
JTMT	comp=Z,1um,22.0s	90.22 41	P	16 50 57.6 -0.3			
JTMT	Jette	P	P	16 50 58.1 +0.1			
YES	comp=Z,28nm,0.8s	90.22 53	P	16 50 58.8 +0.5			
YES	Vestal, Richgr	P	P	16 50 58.8 +0.5			
SCZ2	comp=Z,28nm,0.8s	90.27 55	P	16 50 58.8 +0.5			
SCZ2	Santa Cruz Isl	P	P	16 50 57.3 -0.5			
DAG	comp=Z,28nm,0.8s	90.37 356	eP	16 50 57.3 -0.5			
DAG	Danmarks Havn	P	P	16 50 57.3 -0.5			
DAG	comp=Z,28nm,0.8s	90.37 356	iP	16 50 57.3 -0.5			
DAG	Danmarks Havn	P	P	16 50 58.5 -0.4			
BMN	comp=Z,28nm,0.8s	90.39 49	P	16 50 58.5 -0.4			
BMN	Battle Mountain	P	P	16 50 58.5 -0.4			
BMN	comp=Z,28nm,0.8s	90.39 49	P	16 50 58.5 -0.4			
BMN	Battle Mountain	P	P	16 50 57.1 -1.1			
TUN	comp=Z,68nm,1.0s	90.39 49	P	16 50 58.5 -0.4			
TUN	Sumiainen	P	P	16 50 57.1 -1.1			
SUF	comp=Z,68nm,1.0s	90.39 49	P	16 50 58.5 -0.4			
SUF	Sumiainen	P	P	16 50 57.1 -1.1			
MFID	comp=Z,54nm,0.9s	90.52 45	P	16 51 00.2 +0.7			
MFID	Camas Ranch	IAMB	IAMB	16 51 01.5			
SNCC	comp=Z,81nm,0.8s	90.55 56	P	16 51 00.2 +0.7			
SNCC	San Nicolas Is	IAMB	IAMB	16 51 02.6			
SNCC	comp=Z,81nm,0.8s	90.55 56	P	16 51 00.2 +0.7			
SNCC	San Nicolas Is	IAMB	IAMB	16 51 02.6			
TIN	comp=Z,28nm,0.8s	90.56 52	P	16 51 00.8 +1.1			
TIN	Tinemaha, Big	P	P	16 51 00.8 +1.1			
BLV	comp=Z,28nm,0.8s	90.61 54	P	16 51 00.5 +0.7			
BLV	Arvin	P	P	16 51 00.7 +0.4			
ARGC	comp=Z,28nm,0.8s	90.69 55	P	16 51 00.7 +0.4			
ARGC	Laguna Peak, P	P	P	16 51 00.4 +0.1			
MISO	comp=Z,28nm,0.8s	90.73 42	P	16 50 59.2 -1.1			
MISO	Missoula	P	P	16 51 00.7 +0.1			
MISO	comp=Z,28nm,0.8s	90.75 53	P	16 51 00.7 +0.1			
MISO	Isabella, Lake	P	P	16 51 00.2 -0.3			
ISA	comp=Z,28nm,0.8s	90.75 53	P	16 51 00.2 -0.3			
ISA	Isabella, Lake	P	P	16 51 00.2 -0.3			
ISA	comp=Z,23nm,1.2s	90.75 53	P	16 51 00.2 -0.3			
ISA	Isabella, Lake	P	P	16 51 00.5 -0.3			
RAYN	comp=Z,15nm,0.7s	90.75 294	iP	16 50 59.1 -1.7			
RAYN	Ar Rayn	P	P	16 50 59.1 -1.7			
RAYN	comp=Z,13nm,0.8s	90.75 294	P	16 50 59.1 -1.7			
RAYN	Ar Rayn	P	P	16 51 01.2 +0.2			
OSI	comp=Z,42nm,1.1s	90.85 53	P	16 51 01.2 +0.2			
OSI	Ostio Audit: C	IAMB	IAMB	16 51 01.7 +0.6			
OSI	comp=Z,42nm,1.1s	90.85 53	P	16 51 01.7 +0.6			
OSI	Ostio Audit: C	P	P	16 50 59.6 -1.5			
CWC	comp=Z,28nm,0.8s	91.03 334	P	16 50 59.6 -1.5			
CWC	Cottonwood Cre	IAMB	IAMB	16 51 01.7			
FIA1	comp=Z,43nm,0.7s	91.03 334	P	16 50 59.8 -1.3			
FIA1	FINESS Array S	IAMB	IAMB	16 50 59.8 -1.3			
FIA0	comp=Z,43nm,0.7s	91.03 334	P	16 55 53.9 +0.3			
FIA0	FINESS Array S	PKIKP	PKIKP	16 50 59.8 -1.3			
FIA0	comp=Z,43nm,0.7s	91.03 334	P	16 50 59.8 -1.3			
FIA0	FINESS Array S	PKIKP	PKIKP	17 08 23.5 +1.4			
FINES	comp=Z,2.3nm,0.7s	91.03 334	P	17 08 23.5 +1.4			
FINES	comp=Z,2.3nm,0.7s	91.03 334	P	17 08 23.5 +1.4			
FINES	comp=Z,2.6nm,0.6s	91.03 334	P	16 50 59.6 -1.6			
FINES	comp=Z,2.6nm,0.6s	91.03 334	P	16 51 03.4 +0.3			
FINES	comp=Z,728nm,18.6s	91.03 334	P	16 50 59.6 -1.6			
FINES	FINESS Array B	P	P	16 51 03.4 +0.3			
DECC	comp=Z,28nm,0.8s	91.25 54	P	16 51 03.4 +0.3			
DECC	Green Verdugo	P	P	16 51 03.7 +0.6			
GRAC	comp=Z,28nm,0.8s	91.25 52	P	16 51 03.7 +0.9			
GRAC	Grapevine Rang	P	P	16 51 03.4 +0.3			
DAC	comp=Z,34nm,1.3s	91.27 53	P	16 51 03.4 +0.3			
DAC	Darwin (Calif)	P	P	16 51 03.4 +0.3			
DAC	comp=Z,34nm,1.3s	91.27 53	P	16 51 03.4 +0.3			
DAC	Darwin (Calif)	P	P	16 51 03.4 +0.3			
ANN	comp=Z,34nm,1.3s	91.33 316	eP	16 51 03.4 +0.3			
ANN	Anapa	P	P	16 54 40.0			
ANN	comp=Z,34nm,1.3s	91.33 316	eP	17 01 23.2			
ANN	Anapa	P	P	17 01 37.6			
ANN	comp=Z,34nm,1.3s	91.33 316	eP	17 03 05.9 -1.0			
ANN	Anapa	P	P	17 08 11.2 +1.2			
ANN	comp=Z,97nm,1.4s		MLR				
ANN	comp=Z,2um,20.0s		MLR				
ANN	comp=E,638nm,20.0s		MLR				
ANN	comp=N,1um,20.0s		MLR				
EDW2	comp=Z,2um,20.0s	91.34 54	P	16 51 04.2 +0.9			
EDW2	Edwards Air Fo	P	P	16 51 02.4 -0.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2			
STEI	comp=Z,2um,3.0s	91.38 342	eP	16 51 02.4 -0.2			
STEI	Steigen	IvMB_BB	IvMB_BB	16 51 09.2</			

Table with columns for station name, frequency, power, and other technical details. Includes stations like NOA, PV16, K22A, PV22, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, QSPA, QSPA, KRUC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like I42A, D46A, 833A, etc.

6d 16h

Table with columns: ACSD, Alum Creek Sta, 113.33, 36, PKIKP, PKIKP, 16.56, 34.8, +0.2, etc.

2013 OCT

Table with columns: O55A, Ligonier, 115.40, 34, P, PKPdf, 16.56, 39.0, +0.3, etc.

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Table with columns: O58A, Lewisberry, 116.74, 32, P, PKPdf, 16.56, 41.1, -0.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PTGA, Pitinga, PLTB, CPUB, CPUP, MDP, SIV, CNLB, BDFB, RCBR.

NEIC 06 16:41:51.0±1.8, 34.68N±0.03±116.27W±0.04, h4km±7km
ANF 06 16:41:50.8±0.2, 34.69N±116.29W±0.01, h1km, ML3.6/46,
ML3.6/46, Error ellipse: s-maj=1.4km s-min=1.3km
az=22.0

PAS 06 16:41:51.3±1.8, 34.71N±0.03±116.30W±0.05, h2km±6km,
ML3.6

SCEDC 06 16:41:51.4, 34.71N±116.30W±0.01, h8km±7km,
n111, s120/157, Southern California

Main table for 6Tg 17h section, listing station codes, names, coordinates, and seismic data.

Main table for 2013 OCT section, listing station codes, names, coordinates, and seismic data.

PAS 06 16:42:45.5±0.9, 34.72N±0.03±116.30W±0.04, h2km±8km,
ML3.3

NEIC 06 16:42:43.9±1.4, 34.72N±0.02±116.15W±0.04, h1km±9km,
Southern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSC, PFO, MWC, PASC.

ISCJB 06 16:53:30.6±0.7, 55.5S±0.1±124.9W±0.2, h10km, mb4.0/6,
MS4.2/3, Error ellipse: s-maj=18.0km s-min=16.7km

IDC 06 16:53:30.4±1.0, 55.43S±125.08W±0.06, h0km, mb4.0/6,
mb1.4/2.6, mb1mx3.8/0.9, mb1mx3.8/0.9, mb1mx3.8/0.9, mb1.4/2.3,
ms1mx3.8/3.0, Error ellipse: s-maj=34.6km s-min=28.9km
az=87.0

NEIC 06 16:53:31.1±1.6, 55.3S±0.1±125.2W±0.3, h10km±1km,
mb4.6/5

ISC 06 16:53:32.0±0.9, 55.4S±0.2±124.8W±0.2, h10km±33,
o085/21, mb4.2/7, MS4.2/3, IC, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RPN, PMSA, QSPA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLCA, G006, VNA1, VNA2, SNA1, SNA2, SYO, MAW, MAW, H01W1, H01W2, H01W3, ASAR, WR1, WRA, LTX, TXAR, BOS, H11S2, H11S3, H11S1, H11N3, H11N1, H11N2, TOR, TOA1, EKA.

ISCJB 06 17:14:44.3±0.4, 4.95N±0.02±75.35W±0.02, h4km±3km,
mb3.5/5, Error ellipse: s-maj=3.4km s-min=2.7km az=12.9

IDC 06 17:14:44.1±0.5, 5.02N±75.31W±0.06, h0km, mb3.5/5, mb1.3/0.9,
mb1mx3.8/3.1, mb1mx3.7/8, ML3.5/3, MS3.7/2, M13.7/2,
ms1mx3.2/2.5, Error ellipse: s-maj=22.4km s-min=10.7km
az=14.0

ISC 06 17:14:43.9±0.8, 4.92N±0.02±75.38W±0.02, h5km±5km, n47,
s128/73, mb3.5/5, 7C-2D, Colombia

Main table for 286 section, listing station codes, names, coordinates, and seismic data.

6d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAKARYA_Geyve, Gulveren, Kocakaya_HENDEK, etc.

KRSC 06 18:14:33.6_1.9,50.96N;158.13E,h66km,24km,ML1.1, East of Kuril Islands

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

DDA 06 18:25:44.1,39.20N;42.46E,h7km,5km,ML2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Malazgirt-MUS, Karacaban, Tutak, etc.

EATA 06 18:25:44.1,39.22N;0.04:42.40E;0.03,h14km,14km,n11,0:05/17,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urewera, Varto-Mus, Mu-Merkez, etc.

IDC 06 18:39:47.5_7.4,32.23S;179.48E,h506km,98km,mb2.5/2, mb1 2.8/3,mb1mx2.7/28,mbtmp3.5/3, Error ellipse: s-maj=125.6km s-min=0.1km az=5.0, South of Kermadec Islands

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

2013 OCT

IDC 06 19:21:04.9_4.7,16.78N;100.00W,h0km,mb3.5/4, mb1 3.8/7,mb1mx3.6/34,mbtmp3.4/7,ML3.0,MS3.1/1, Ms1 3.1/1,ms1mx2.5/27, Error ellipse: s-maj=92.8km s-min=20.0km az=12.0

ISCJB 06 19:21:06.1_1.3,16.72N;0.08:100.12W;0.05,h22km,6km, mb3.4/4, Error ellipse: s-maj=15.0km s-min=5.9km, az=21.6

MEX 06 19:21:09.5_0.8,16.85N;100.11W,h2km,MD4.2

ISC 06 19:21:06.3_3.3,16.8N;0.1:100.08W;0.05,h16km,21km, n15,+i46/20,mb3.5/4,Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACP2 Acapulco, El Cayaco, Puente Sto Nin, etc.

SJA 06 19:27:10.6_1.3,23.03S;70.24W,h34km,3km,ML3.5, MW3.7

GUC 06 19:27:11.6_0.7,23.02S;70.23W,h40km,1km,ML3.5

ISCJB 06 19:27:12.2_0.6,23.03S;0.03:70.26W;0.05,h27km,5km, Error ellipse: s-maj=7.7km s-min=4.6km az=13.3

ISC 06 19:27:11.7_1.1,23.00S;0.03:70.24W;0.04,h18km,7km, n17,-i18/32,7.2K,Near coast of northern Chile

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

OGSO 06 19:37:02.9_1.7,41.85N;0.08:81.01W;0.04,h5km,2km, mb 1.9/2.4,mb 1.6/2.5(OTT)

OTT 06 19:37:02.6_0.2,41.78N;80.98W,h5km,MM2.5/8, South shore Lake Erie. 101km south from Port Stanley, On Eastern Background Seismic Zone.

NEIC 06 19:37:03.1_1.7,41.81N;0.09:81.07W;0.03,h8km,8km

ISC 06 19:37:01.9_1.2,41.82N;0.05:80.99W;0.04,h7km,11km, n22,0:09/39,Ohio

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chesterland, Erie, Pelee Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MEDO Medina, Collingwood, Meriville Lake, etc.

MAN 06 19:40:59.6,10.33N;123.27E,h39km,mb3.5,ML2.2, MS1.6,1D,Cebu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lapu-Lapu, Tagbilaran, Sibulan, etc.

IDC 06 19:47:20.1_2.4,23.65N;142.35E,h59km,21km,mb3.6/12, mb1 3.8/14,mb1mx3.5/53,mbtmp3.9/14,ML3.2/2, Error ellipse: s-maj=28.0km s-min=12.9km az=95.0

ISCJB 06 19:47:22.5_0.7,23.76N;0.06:142.4E;0.2,h100km, mb3.8/12, Error ellipse: s-maj=26.4km s-min=8.4km az=1.9

ISC 06 19:47:24.2_0.8,23.78N;0.08:142.3E;0.2,h100km,n20, MS1.1/15,mb3.8/12,Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chichijima, Warramunga Arr, WAKE ISLAND Hy, etc.

IDC 06 19:52:02.7_49.0,23.52S;179.60E,h542km,176km, mb3.0/4, s-maj=647.3km s-min=94.8km az=80.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Charters Tower, Stephens Creek, etc.

NIED 06 19:52:00.33:20N,141.30E,h44km,Mw3.6 Best double couple: Ms5.70000:1014 NP1a=140.00000, Bst2.00000, X1.00000, NP2a=49.00000, Bst8.00000, X1.1700000

ISCJB 06 19:52:06.5_0.7,33.21N;0.04:141.30E;0.06,h48km, mb3.7/8, Error ellipse: s-maj=7.3km s-min=6.0km az=164.7

JMA 06 19:52:06.6_0.2,33.25N;141.33E,h49km,ML3.6

IDC 06 19:52:08.9_2.3,33.16N;141.15E,h48km,19km,mb3.5/8, mb1 3.7/10,mb1mx3.5/43,mbtmp3.8/10,ML3.6/2,MS2.8/1, Ms1 2.8/1,ms1mx2.3/35, Error ellipse: s-maj=22.2km s-min=12.0km az=83.0

ISC 06 19:52:07.2_0.9,33.23N;0.05:141.38E;0.08,h48km,n31,-i179/31,mb3.7/8,Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mitsune, Hachijojimakas, Hachiojijima 2, etc.

6d 21h

Table with columns: MDOK, MDOK, MDOK, comp, N, 201nm, 0.5s, 5.70, 7, P, Pn, 20 45 17.9 +1.3, 20 46 28.5 +8.1, etc.

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Table with columns: AKTO, AKTYUBINSK, AKTO, comp, Z, 0.2nm, 0.3s, 183, slow, 23, SNR=1.5, 18.17 321, P, Pn, 20 47 59.6 -0.5, etc.

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Table with columns: ILAR, EIELSON ARRAY, 72.62, 18, P, P, 20 55 10.0 -0.4, etc.

IDC 06 20:55:31.4:7.4, 7.40S:128.72E, h170km, 85km, mb3.4/1, mb1 3.4/4, mb1mx3.0/7, mbtbp3.7/4, MS2.8/1, Ms1 2.8/1, ms1m2.4/29, Error ellipse: s-maj=75.0km

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

ISCJB 0621:10:02.7:0.4, 4:37S:0:06:153:01E:0:06, h55km, mb4.0/9, MS3.9/1, Error ellipse: s-maj=9.9km s-min=6.4km az=135.5

NEIC 0621:10:05.4:2.1, 4:24S:0:08:152:88E:0:08, h62km, 4km, mb4.6/23

IDC 0621:10:05:51.6, 4:31S:152:86E, h52km, 12km, mb3.8/9, mb1 3.9/10, mb1mx3.6/38, mbtbp4.1/10, ML1.7/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/37, Error ellipse: s-maj=20.0km s-min=13.4km az=127.0

ISC 0621:10:04.9:0.5, 4:34S:0:07:152:94E:0:07, h55km, n50, c130/54, mb4.5/20, New Britain region

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

Table with columns: MAW, Mawson, 86.05, 203, P, P, 21 22 40.3 +1.1. Includes GEC2, GEC3, GEC4, GEC5, GEC6, GEC7, GEC8, GEC9, GEC10, GEC11, GEC12, GEC13, GEC14, GEC15, GEC16, GEC17, GEC18, GEC19, GEC20, GEC21, GEC22, GEC23, GEC24, GEC25, GEC26, GEC27, GEC28, GEC29, GEC30, GEC31, GEC32, GEC33, GEC34, GEC35, GEC36, GEC37, GEC38, GEC39, GEC40, GEC41, GEC42, GEC43, GEC44, GEC45, GEC46, GEC47, GEC48, GEC49, GEC50, GEC51, GEC52, GEC53, GEC54, GEC55, GEC56, GEC57, GEC58, GEC59, GEC60, GEC61, GEC62, GEC63, GEC64, GEC65, GEC66, GEC67, GEC68, GEC69, GEC70, GEC71, GEC72, GEC73, GEC74, GEC75, GEC76, GEC77, GEC78, GEC79, GEC80, GEC81, GEC82, GEC83, GEC84, GEC85, GEC86, GEC87, GEC88, GEC89, GEC90, GEC91, GEC92, GEC93, GEC94, GEC95, GEC96, GEC97, GEC98, GEC99, GEC100.

MAN 06 21:18:33.4, 10:21N:124:90E, h33km, mb3.9, ML2.6, MS2.2, 1C, Leyte

Code Station Name A° AZ° Phase ID Time Res ISC. Includes PLP Palo 0.36 131° Op Pn 21 18 43.4 +1.0, 21 18 50.4 +2.1.

BUI 06 21:18:45.4, 0.0, 19:42S:169:88E, h70km, mb5.0/46, mB5.3/29, Ms5.3/9, M7 5.0/8, ISC:JB 06 21:18:46.8, 0.0, 19:71S:0:03:169:02E:0:0, h68km, 7km, mb4.8/75, Error ellipse: s-maj=5.6km s-min=4.7km az=167.9

MOS 06 21:18:48.2, 1.2, 19:65S:169:03E, h79km, mb5.4/16, Error ellipse: s-maj=7.8km s-min=6.9km az=30.0, IDC 06 21:18:48.5, 0.0, 19:20S:169:02E:0:0, h74km, 3km, mb4.7/29, mb4.8/31, mb1mx4.6/44, mbtmps:0/31, MS3.9/10, Ms1.3/9.10, ms1mx3.6/34, Error ellipse: s-maj=11.1km s-min=10.6km az=115.0

NEIC 06 21:18:49.1, 0.0, 19:73S:169:10E, h79km GCMT 06 21:18:52.1, 0.3, 19:87S:0:03:169:11E:0:0, h86km, 5km, MW5.0/48, Moment Tensor Solution. s37,c42: s48,c67; Duration: 0 Moment tensor: Scale 10^19Nm; Mlr: 1.58e-27; Mm0:2.48e-36; Mm0-0.90e-37; Mm1:1.49e-15; Mm0-0.65e-28; Mm3:28e-12; Best double couple: M0:1.9900e16

ISC 06 21:18:48.3, 0.4, 19:77S:0:04:169:19E:0:0, h76km, 2km, h77km: p-P, p698, e:1922/699, mb5.0/114, 24C-19D, Vanuatu Islands

Main table for 2013 OCT, columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like MARE, Loyalty, Pines Island, Mont Dzumac, etc.

Main table for 2013 OCT, columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like WRAB, Warramunga Arr, Alice Springs, etc.

Main table for 6d 21h, columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like DL2, MDJ, Mawson, etc.

6d 21h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ARVC Arvin, YAK Yakutsk, M02C Callahan, etc.

2013 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MOD Modoc Plateau, J05D Fort Hook, H04A Detroit Lake, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HVU Hansel Valley, HVU Hansel Valley, HVU Hansel Valley, etc.

6d 21h

Table with columns: Station, Frequency, Power, Direction, and Change. Includes stations like ISA Isabella, Lake, FVM French Village, CCM Cathedral Cave, etc.

2013 OCT

Table with columns: Station, Frequency, Power, Direction, and Change. Includes stations like PV07 Paradox Valley, OLIL Olney, GRAC Grapevine Rang, etc.

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Table with columns: Station, Frequency, Power, Direction, and Change. Includes stations like P52A Corning, CMB Columbia Colle, CMB Columbia Colle, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like N54A Moraine State, N54A comp=Z,76nm,1.5s, N54A comp=Z,2jm,21.0s, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like KSPA comp=Z,3jm,20.0s, J47A Summer, J47A Summer, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like DZM comp=Z,18um,30.7s,baz=138, DZM Mont Dzumac, DZM Mont Dzumac, etc.

6d 21h

Table with columns: LAO, LAO, 103D, BUKO, PLVO, PLVO, PLVO, 105D, H58A, I61A, E46A, E46A, LONY, LONY, LONY, G54A, I62A, G55A, F52A, E47A, D41A, F51A, H59A, LBNH, LBNH, G08A, G08A, I02D, G57A, E48A, H04A, H04A, H04A, HRY, FRNY, PEMO, I63A, I63A, D46A, E50A, H61A, ALGO, ORIO, ORIO, F10A, F10A, MDND, G58A, G05D, E52A, F55A, H62A, D47A, MSO, MSO, E51A, EYMN, EYMN, ALFO, E53A, AGMN, AGMN, F07A, WVL, E54A, G03D, G61A, F05D, F05D, DGMT, DGMT, D51A, E08A, HAWA, EGMT, EGMT, D52A, G62A, G62A, F04A, E07A, D53A, D53A, D53A, E56A, JTMT

2013 OCT

Table with columns: F60A, F04D, E58A, D54A, D55A, D56A, E04D, LON, LON, LON, LON, LON, G65A, F63A, F63A, TOO, TOO, TOO, TOO, TOO, C09A, F64A, D58A, VLDQ, VLDQ, NEW, NEW, NEW, NEW, D04E, ULM, ULM, WALA, LATO, LATO, B08A, D03D, ARMA, ARMA, LMN, LMN, D63A, MATG, MATG, STKA, STKA, STKA, STKA, WIN, WIN, SCHO, SCHO, FCC, BOS, DBIC, TSUM, CTA, YKA, YKA, YKR, BCPM, HYT, AS31, ASAR, ASAR, ASAR, MESA, YAH, SUCK, CTGM, WAX, HMT, CRQM, RAGM, SII, CHIR, OHAK, HIN, HIN, TDAC, TOB4, TOC4, TOB5, TOA3

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Table with columns: TOC7, TOA0, TORD, TORD, TOA1, TOA1, TOA1, TOB3, TOA2, TOB2, TOC3, TOC1, TOC2, WR1, WRA, SEW, CNBA, BRLK, DAWY, HOM, MENT, CHGN, SDPT, DOT, EGAK, EPYK, RND, MCK, INK, ILAR, PPLA, PRP, BWN, FYU, PFVI, PVAO, EVO, EVO, SFS, SFS, TOLK, CEU, CEU, COI, COI, PVLZ, PVLZ, MTE, EMAL, EMAL, MELI, TAM, ANM, PAB, ESDC, ESB8, RDCM, UCM, UCM, UCM, MBAR, MAHO, MAHO, CLF, SSB, BNI, UNIC, UNIC, WLF, WLF, TNNT, ECH, PET, PET, PET, CORL, WDD, DAVA, LUWI, RETA, TEOL, MOTA, CTI, SQT, AQU, WATA, WATA, CEL, CEL, GRA1, ABTA, STAL, KBA, MYKA, TIP, NKNC, NKNC

Table with columns: Station Name, Frequency, Power, Bandwidth, Modulation, and other technical details. Includes stations like SGRT, KHC, GEC2, GERES, GERES Array B, etc.

Table with columns: Station Name, Frequency, Power, Bandwidth, Modulation, and other technical details. Includes stations like BR101, Keskin Array S, Keskin Array B, Keskin Array A, etc.

Table with columns: Station Name, Frequency, Power, Bandwidth, Modulation, and other technical details. Includes stations like GYA, Guiyang, CMMT, CHTO, CHTO Chiang Mai, etc.

GCG 06 22:02:32.8, 2.6, 13:32N-94:10W, h31km, 999km, MD4.5
IDC 06 22:02:38.7, 1.2, 14:31N-93:42W, h0km, mb3,8,5,
mb1 4.1/9, mb1mx3,8/4.1, mb1mp3,8/9, ML3,7/4, Error
ellipse s-maj=26.5km s-min=17.3km az=12.0
MEX 06 22:02:40.0, 0.6, 14:18N-93:75W, h20km, MD4.1
NEIC 06 22:02:43.4, 2.7, 14:37N-0:07-93:60W, 0.06, h36km, 11km
ISC 06 22:02:45.4, 1.4, 14:47N-0:07-93:66W, 0.06, h49km, 13km,
n46, c297755, mb4.0/11, Near coast of Chiapas

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

6d 23h

LTX	Lajitas	17.45 330	P	P	22 06 47.3 +1.2
TXAR	Lajitas Array	17.45 330	P	P	22 06 47.3 +1.2
comp=Z,0.0m,0.3s,baz=152,slow=8.5,SNR=6.9					
TXAR	Lajitas Array	17.45 330	P	P	22 06 47.7 +1.6
TXS1	Lajitas Arr. Si	17.45 330	P	P	22 06 47.7 +1.5
MIAR	Mount Ida	19.99 0	P	Pn	22 07 15.2 +0.7
comp=Z,4.3nm,0.8s					
MNTX	Cornudas Mount	20.23 330	P	P	22 07 17.9 +1.4
MSTX	Muleshoe	21.09 339	P	P	22 07 27.3 +1.3
comp=Z,9.3nm,0.9s					
MSTX	El Rosal	21.31 115	S	S	22 11 14.9 -3.3
ROSC			Iamb	Iamb	22 07 23.8 -5.0
comp=Z,5.4nm,1.1s					
AMTX	Amarillo	21.57 342	P	P	22 07 29.7 -1.4
comp=Z,7.0nm,0.7s					
LCAR	Lake Charles	21.62 6	P	P	22 07 31.5 0.0
121A	Cookes Peak, D	22.12 327	P	P	22 07 37.6 +0.6
121A			Iamb	Iamb	22 07 42.1
comp=Z,9.0nm,0.8s					
T25A	Trinidad	24.52 339	P	P	22 07 59.3 -1.4
T25A			Iamb	Iamb	22 08 12.7
comp=Z,6.6nm,0.9s					
SDCO	Great Sand Dun	25.45 338	P	P	22 08 07.7 -1.5
comp=Z,2.0nm,0.9s					
NV01	Mina Array Sit	32.30 322	P	P	22 09 13.4 +3.3
NVAR	Mina Array Bea	32.31 322	P	P	22 09 13.4 +3.3
comp=Z,1.3nm,0.8s,baz=137,slow=8.7,SNR=9.2					
NVAR	Mina Array Bea	32.31 322	P	P	22 09 10.9 +0.8
REDW	Red Top Meadow	32.33 336	P	P	22 09 13.1 +2.7
TPAW	Teton Pass	32.49 336	P	P	22 09 15.6 +3.7
MOOW	Moose Ponds	32.63 337	P	P	22 09 12.4 -0.5
F10A	Beach Ranch, E	37.14 332	P	P	22 09 54.0 +2.4
B06A	Marblemont Ar	40.07 332	P	P	22 16 32.1 +0.1
YKA	Yellowknife Ar	50.21 348	P	P	22 11 37.2 +1.0
comp=Z,1.5nm,0.6s,baz=150,slow=7.4,SNR=1.1					
YKR8	Yellowknife Arr	50.21 348	P	P	22 11 37.2 +1.0
PLCA	Paso Flores	58.96 160	P	P	22 12 38.4 -1.6
comp=Z,1.5nm,0.9s,baz=6.5,slow=6.2,SNR=3.8					
PLCA	Paso Flores	58.96 160	Iamb	Iamb	22 12 45.7
comp=Z,0.8nm,0.9s					
ILAR	Eielson Array	61.78 337	P	P	22 13 00.4 +1.5
comp=Z,0.7nm,0.8s,baz=157,slow=4.1,SNR=8.7					
ESDC	Sonsea Array	80.68 51	P	P	22 14 52.0 -1.7
comp=Z,0.1nm,0.4s,baz=30,slow=21,SNR=1.7					
CMAR	Chiang Mai Arr	145.00 339	PKPbc	PKPpdf	22 22 18.4 +0.1
comp=Z,1.7nm,0.3s,baz=331,slow=4.1,SNR=8.5					

ATH 06:22:26:36.2, 37.89N, 28.88E, h8km, 3km, ML2, 1/1, Error ellipse: s-maj=4.2km s-min=1.4km az=35.0
 DDA 06:22:26:36.8, 37.87N, 28.97E, h7km, 1km, ML3.1
 ISK 06:22:26:36.9, 37.85N, 28.97E, h6km, ML2, 7/14
 ISCJB 06:22:26:37.1, 0.5, 37.89N, 0.02, 28.92E, 0.03, h3km, 5km, Error ellipse: s-maj=3.9km s-min=3.6km az=16.2
 ISC 06:22:26:36.6, 1.4, 37.88N, 0.02, 28.95E, 0.03, h3km, 12km, n35, r122/44, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DENT	Denizli	0.14 154	Op	22 26 39.7 +0.3	ISC
TAVA	DENIZLI Tavas	0.42 184	I/P	22 26 45.5 -1.1	ISC
TAVA			Sb	22 26 51.6 -1.8	ISC
comp=Z,1.1nm,0.2s					
KHL	Karahalli	0.63 45	PG	22 26 49.7 -0.6	ISC
KHL			SG	22 26 59.7 +0.2	ISC
KHAL	Karahalli	0.65 41	I/P	22 26 49.7 -0.9	ISC
comp=Z,5.0nm,0.2s					
KULA	Kula-Manisa	0.67 340	PG	22 26 51.0 0.0	ISC
GOLH	Golhisar	0.81 143	I/P	22 26 52.8 -0.1	ISC
GOLH			Sb	22 27 05.1 -2.3	ISC
comp=Z,2.0nm,0.1s					
USAK	Uak-Merkez	0.83 4	I/P	22 26 53.9 -1.4	ISC
USAK			Sb	22 27 04.9 -0.5	ISC
comp=Z,4.0nm,0.3s					
AYDB	Zeytin koy-Aydi	0.84 275	PG	22 26 53.8 -0.2	ISC
AYDB			SG	22 27 06.2 -2.2	ISC
BRDR	BURDUR-Merkez	0.90 102	I/P	22 26 54.5 -0.4	ISC
BRDR			Sb	22 27 09.2 -0.5	ISC
comp=Z,3.0nm,0.2s					
YER	Yerkesik	0.92 216	PG	22 26 54.4 +0.2	ISC
KZIL	AFYON_Kiziorun	1.01 68	I/P	22 26 56.0 +0.1	ISC
KZIL			Sb	22 27 15.6 +3.0	ISC
comp=Z,2.0nm,0.1s					
TURN	Turunc	1.04 196	I/P	22 27 00.0 +1.9	ISC
TURN			Pn	22 27 00.6 +2.5	ISC
DALY	Dalyan (Mula)	1.09 193	I/P	22 26 58.9 -0.5	ISC
DALY			Pn	22 27 17.8 +3.5	ISC
DALY	Dalyan (Mula)	1.09 193	PG	22 26 57.7 +0.2	ISC
MLSB	Milas	1.10 238	Pn	22 26 58.2 -0.8	ISC
SHAP	Saphane-Kutahya	1.16 10	Pn	22 26 59.9 +0.1	ISC
GEDZ	Gediz	1.22 17	Pn	22 27 00.9 +1.0	ISC
ISP	Isparta	1.24 92	P	22 26 60.9 -1.0	ISC
ISP			S	22 27 19.2 +0.9	ISC
ISP			AML	22 27 23.8	ISC
comp=N,146um,0.4s					
ISP			AML	22 27 26.1	ISC
comp=E,111um,0.5s					
GCAM	G?zelcamli?	1.37 263	PN	22 27 03.3 +0.3	ISC
BODT	Bodrum	1.54 338	PN	22 27 05.2 -0.6	ISC
DAT	Data	1.59 224	PN	22 27 06.0 -0.7	ISC
SMG	Samos	1.98 265	P	22 27 06.8 -0.1	ISC
ARG	Arhangelos	1.79 202	PN	22 27 10.1 +0.1	ISC
ARG	Arhangelos	1.79 202	PN	22 27 09.9 -0.7	ISC
KSL	Kastellorizon	1.80 164	P	22 27 10.1 -0.2	ISC
NIS1	Nisyros Isl.	1.91 228	P	22 27 10.0 0.0	ISC
URLA	Izmir	1.92 285	PN	22 27 11.5 -0.8	ISC
BALB	Balikesir	1.94 335	PN	22 27 12.1 -0.6	ISC
CHOS	Chios Island	2.00 189	P	22 27 16.9 +0.9	ISC
PRK	Praskevi	2.50 304	P	22 27 18.6 +0.4	ISC
KARP	Karpathos	2.74 212	P	22 27 22.3 +0.9	ISC
SIGR	SIGRI	2.77 300	P	22 27 23.5 +0.5	ISC
SMTH	Samothraki Isl.	3.71 315	P	22 27 35.9 +1.2	ISC
ALN	Alexandroupoli	3.76 324	P	22 27 35.7 +0.3	ISC

ISCJB 06:22:32:54.4, 0.9, 28.31N, 0.04, 51.7E, 0.1, h15km, Error ellipse: s-maj=13.7km s-min=3.9km az=157.6
 TEH 06:22:32:56.5, 28.48N, 51.70E, h8km, ML3.3
 DSN 06:22:32:58.0, 9.28, 28.25N, 52.03E, h10km, ML3.6/6, Error ellipse: s-maj=19.6km s-min=6.2km az=17.0
 OMAN 06:22:33:00.1, 2.3, 28.38N, 52.02E, h142km, 72km, ML3.3/7, Error ellipse: s-maj=68.8km s-min=28.8km az=45.0
 ISC 06:22:32:56.0, 1.8, 28.37N, 0.07, 51.8E, 0.1, h15km, n34, r121/41, Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
IKAZ	Kazeroun	1.40 2	eP	22 33 21.5 +0.2	ISC
IKAZ			Iamb	22 33 49.5	ISC
comp=Z,8.0nm,0.5s					
SHI	Shiraz	1.42 27	eP	22 33 22.0 +0.5	ISC
SHI			Iamb	22 33 23.9	ISC
comp=Z,2.0nm,0.3s					
ISRVR	Sarvestan	1.55 49	ePn	22 33 24.3 +1.0	ISC
ISRVR			Iamb	22 33 55.4	ISC
JHRM	Jahrom	1.59 85	ePn	22 33 25.5 -1.2	ISC
JHRM			Iamb	22 33 39.7	ISC
comp=Z,0.0nm,0.5s					
LMD1	Lamerd	1.61 130	ePn	22 33 26.7 +1.3	ISC
LMD1			Iamb	22 34 04.9	ISC
comp=E,0.0nm,0.3s					
IPAR	Pars	1.84 37	ePn	22 33 28.3 +1.0	ISC
IPAR			Iamb	22 34 04.6	ISC
comp=Z,738nm,0.9s					
IRAM	Ramesh	3.46 9	ePn	22 33 48.9 -0.7	ISC
IMEH	Mehriz	3.89 39	ePn	22 33 57.1 +1.6	ISC
ISAD	Sadabad	3.90 25	ePn	22 33 56.7 +1.1	ISC
IPIR	Pirpir	4.36 350	ePn	22 34 01.3 -0.7	ISC
ICHK	Chechek	4.48 30	ePn	22 34 04.2 +0.6	ISC
SHME	Shamm	4.53 120	P	22 34 04.8 +0.7	ISC

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SHME			S	Sn	22 34 55.9 -0.5
IZEF	Zefreh	4.53 6	ePn	Pn	22 34 04.5 +0.2
NIAN	Nian	4.55 99	ePn	Pn	22 34 05.9 +1.6
KHGB	Koh Gabri	4.56 63	ePn	Pn	22 34 05.8 +1.1
IBAF	Bafagh	4.59 45	ePn	Pn	22 34 06.6 +1.5
BANOH	Banah	4.71 120	I/P	P	22 34 08.0 +1.3
SNR=18					
BANOH	Banah	4.71 120	P	Pn	22 34 07.3 +0.7
SNR=18					
BANOH	Nazwa, Dubai	4.84 133	I/P	S	22 35 00.7 -0.4
NAZ	Nazwa, Dubai	4.84 133	P	Pn	22 34 10.1 +1.7
SNR=10					
ASUD	Al Ashush, Dub	4.91 139	I/P	Pn	22 34 10.3 +1.0
ASUD	Al Ashush, Dub	4.91 139	P	Pn	22 34 10.9 +1.6
SNR=25					
ASUD	Al Ashush, Dub	4.91 139	S	Sn	22 35 06.3 +0.5
IKLH	Kolahrood	4.93 358	ePn	Pn	22 34 10.0 +0.2
MSFE	Esma-Masafi	4.94 126	I/P	Pn	22 34 10.6 +0.9
SNR=5.3					
MDH	Madha	5.07 126	P	Pn	22 34 12.2 +0.6
MDH			S	Sn	22 35 07.7 -2.2
UOSS	Minazif	5.23 130	P	Pn	22 34 14.1 +0.4
SNR=7.9					
HATD	Hatta, Dubai	5.26 131	P	Pn	22 34 15.2 +1.0
HATD	Hatta, Dubai	5.26 131	P	Pn	22 34 15.2 +1.0
HATD			S	Sn	22 35 13.7 -1.0
ASHO	Ashiyah	5.31 133	I/P	Pn	22 34 16.0 +1.1
ASHO			S	Sn	22 34 15.5 +0.6
SNR=17					
ASHO	Ashiyah	5.31 133	P	Pn	22 34 15.5 +0.6
SNR=17					
ASHO	Hogain	6.90 133	S	Sn	22 35 14.5 -1.4
HOQ	Hogain	6.90 133	P	Pn	22 34 37.3 +0.7
SNR=7.0					
HOQ			S	Sn	22 35 51.2 -3.7
BSY	Bisyra	7.44 138	P	Pn	22 34 44.6 +0.5
SNR=6					
WSAR	Wadi Sarin	8.02 128	P	Pn	22 34 51.6 -0.4
SNR=8.8					
MHTO	MHTO	9.26 141	P	Pn	22 35 09.5 +0.5
SNR=6.6					

ASRS 06:22:41:44.3, 0.5, 50°N, 3°, 9°4E, h10km, MLh3, 0/11, smi:org.gfz-potsdam.de/geofon/LOC/SAT earthModelID smi:org.gfz-potsdam.de/geofon/lasp91 confirmed, Tuva-Buryatia-Mongolia border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KZLR	Kyzyl	1.50 5	Op	22 42 08.6 -2.7	ISC
KZLR			Pn	22 42 09.5 -1.5	ISC
ARDR	Aradan	2.43 348	PG	22 42 24.6 +0.0	ISC
ARDR			S	22 42 55.9 +2.0	ISC
TDJUR	Todsha	2.48 27	Pg	22 42 26.1 +1.3	ISC
TDJUR			Sb	22 42 57.9 -1.7	ISC
SLNR	Muhor-Tarhata, Chagan-Uzun	3.76 266	S	22 43 28.2 +1.3	ISC
SLNR		3.80 271	P	22 43 40.6 -2.3	ISC
CUR			S	22 43 27.2 -0.5	ISC
VEH	Verkhnyaya Baz Ulgar	3.91 323	S	22 43 31.9 +1.5	ISC
ULGR	Ulgar	4.05 278	P	22 42 46.9 +0.6	ISC
ULGR			S	22 43 35.2 +1.4	ISC
AKAR	Aktash	4.26 274	S	22 43 37.5 +1.7	ISC
AKAR			S	22 43 38.6 -0.4	ISC
CHBI	Chibit, Altay	4.33 274	S	22 43 40.8 0.0	ISC
DGZA	Jazzator, Altay	4.43 266	S	22 43 44.4 +0.9	ISC
MOY	Mondy	4.50 68	S	22 43 46.1 +1.0	ISC

ISCJB 06:23:00:39.3, 1.1, 11.37S, 0.03, 166.34E, 0.03, h56km, 10km, mb4, 8/72, MS4, 4/12, Error ellipse: s-maj=5.5km s-min=5.1km az=179.6
 BUJ 06:23:00:39.3, 0.0, 11.26S, 166.82E,

0.6m, 0.7s, baz=87, slow=9.0, SNR=8.7
FINES FINESS Array B 134.0340 PKP
3.4nm, 0.9s, baz=72, slow=6.2, SNR=12

ATH 06 23:36:04.1, 37:89N, 28:90E, h6km, 3km, ML2.3/1, Error
ellipse: s-maj=3.7km s-min=1.6km az=122.0
ISK 06 23:36:04.9, 37:85N, 28:97E, h6km, ML2.8/1.6
DDA 06 23:36:04.8, 37:86N, 28:97E, h10km, 1km, ML3.1
ISCBJ 06 23:36:05.3, 0.4, 37:87N, 0:02, 28:93E, 0.3, h7km, 4km,
Error ellipse: s-maj=4.0km s-min=3.4km az=178.3
THE 06 23:36:06.0, 37:80N, 28:92E, h6km, ML2.5/3, Error ellipse:
s-maj=1.8km s-min=0.4km az=59.0
ISC 06 23:36:05.0, 1.1, 37:86N, 0:02, 28:95E, 0.02, h5km, 9km,
n59, <0.88/70, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

ISCJB 06 23:46:00.8, 0.6, 37:89N, 0:03, 28:92E, 0.04, h6km, 6km,
Error ellipse: s-maj=5.2km s-min=4.6km az=150.1
ISK 06 23:46:00.4, 37:87N, 28:91E, h1km, ML2.1/8
DDA 06 23:46:00.4, 37:87N, 28:96E, h7km, 2km, ML3.1
ISC 06 23:46:00.7, 1.2, 37:87N, 0:03, 28:94E, 0.03, h10km, 11km,
n18, <0.85/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

ISCJB 07 00:07:59.3, 1.8, 10:99N, 86:22W, h56km, 23km, mb3.6/6,
mb1.4/0.8, mb1mx3.5/5, mbtrmp3.9/8, ML3.9/2, Error

ellipse: s-maj=58.6km s-min=13.8km az=33.0
NEIC 07 00:08:19.4, 1.8, 12:6N, 0:1, 86:8W, 0.1, h17km, 10km,
mb4.0/65
ISC 07 00:07:58.5, 1.1, 10:96N, 0:05, 86:30W, 0.06, h42km, 12km,
n26, <0.127/129, mb4.1/36, 4C-3D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

OMAN 07 00:15:31.1, 2.8, 29:48N, 58:60E, h26km, ml3.8/7, Error
ellipse: s-maj=42.3km s-min=28.8km az=102.0
TEH 07 00:16:04.4, 26:97N, 57:27E, h5km, ML3.3
ISCBJ 07 00:16:06.1, 0.6, 26:98N, 0:03, 57:22E, 0.07, h10km, Error
ellipse: s-maj=8.4km s-min=4.6km az=1.5
ISC 07 00:16:04.7, 1.3, 26:95N, 0:03, 57:29E, 0.08, h10km, n24,
<0.154/24, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

IDC 07 00:21:10.2, 1.7, 4:36S, 151:09E, h0km, mb3.5/2,
mb1.3/8/2, mb1mx3.4/24, mb1mp3.5/2, MS4.0/1, Ms1.4/0.1,
ms1mx2.8/15, Error ellipse: s-maj=57.6km
s-min=16.9km az=144.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

LDG 07 00:30:10.3, 0.0, 48:21N, 7:68E, h12km, Md1.8/2, M1.8/8,
Error ellipse: s-maj=0.9km s-min=0.7km az=8.0
STR 07 00:30:10.5, 0.2, 48:11N, 7:17E, h0km, ML1.1/7, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and parameters.

UCR 07 11:16:35.2.2.0, 13:34N-92:51W, h5km, 88km, MD3.7, ML3.3

GCG 07 11:16:36.3.1.8, 13:26N-92:57W, h50km, 443km, MD4.0

IDC 07 11:16:40.1.1, 13:47N-92:03W, h0km, mb3.6/5, mb1 4.0/9, mb1mx3.8/36, mbtrmp3.8/9, ML3.74, MS2.7, MS1 3.2/7, ms1mx2.9/35, Error ellipse: s-maj=27.2km s-min=21.3km az=42.0

ISCJB 07 11:16:43.6.0.6, 13:57N-0:07:92:06W:0.04, h37km, mb3.6/5, MS3.2/6, Error ellipse: s-maj=10.7km s-min=4.2km az=25.0

SNET 07 11:16:44.1.1, 13:76N-92:00W, h82km, 22km, ML3.5

NEIC 07 11:16:49.1.4, 13:95N-0:08:91:79W:0.08, h60km, 6km, mb4.1/7

ISC 07 11:16:45.8.0.7, 13:58N-0:07:92:04W:0.06, h37km, n75, α 132/73, mb3.9/11, MS3.2/6, 2C-3D, Off coast of Chiapas

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
ERG	Entres ros, C	0.89	31	eP	Pn	11 17 01.7 -0.1
STG3	Santiago 3,	1.12	24	eP	Pn	11 17 04.0 -1.2
FUG	Fuego 3,	1.39	56	eP	Pn	11 17 08.5 -0.4
FUG	Fuego 3,	1.39	56	eP	Pn	11 17 08.5 -0.4
IXG	Ixpaco	1.63	72	eP	Pn	11 17 10.9 -1.2
IXG	Ixpaco	1.63	72	eP	Pn	11 17 10.9 -1.2
NBG	Nas Nubes	1.88	61	eP	Pn	11 17 16.9 +1.3
NBG	Nas Nubes	1.88	61	eP	Pn	11 17 16.9 +1.3
MOYG	Moyuta, Jutiap	1.94	79	eP	Pn	11 17 15.9 -0.5
APG	El Apazote	2.02	49	eP	Pn	11 17 17.7 +0.1
APG	9.6nm, 0.3s, baz=249, slow=11, SNR=250					
APG	34nm, 0.3s, baz=276, slow=17, SNR=8.6					
RTR	El Retiro	2.33	84	eP	Pn	11 17 21.1 -0.7
RTR	El Retiro	2.33	84	eP	Pn	11 17 21.1 -0.7
SBL5	San Blas	2.35	86	eP	Pn	11 17 20.7 -1.5
SBL5	San Blas	2.35	86	eP	Pn	11 17 20.7 -1.5
SNJE	San Jose	2.37	85	eP	Pn	11 17 21.1 -1.3
SNJE	San Jose	2.37	85	eP	Pn	11 17 21.1 -1.3
CNJC	Comitan	2.59	358	eP	Pn	11 17 26.4 +1.0
MRL	Marmol	2.68	58	eP	Pn	11 17 28.9 +2.3
MRL	Marmol	2.68	58	eP	Pn	11 17 28.9 +2.3
MIR	Marmol	2.68	58	eP	Pn	11 17 28.9 +2.3
MTOS	Montecristo	2.70	74	iP	Pn	11 17 25.7 -1.2
MTOS	Montecristo	2.70	74	iP	Pn	11 17 25.7 -1.2
SNET	Serv Nac Est T	2.73	89	eP	Pn	11 17 27.0 -0.1
LOMA	Loma Larga	2.79	90	eP	Pn	11 17 27.3 -0.8
LOMA	Loma Larga	2.79	90	eP	Pn	11 17 27.3 -0.8
LFU	La Fuente	2.84	88	iP	Pn	11 17 28.2 -0.5
LFU	La Fuente	2.84	88	iP	Pn	11 17 28.2 -0.5
LFRS	El Faro	2.89	91	eP	Pn	11 17 28.4 -1.1
PAVA	Las Pavas	3.01	89	iP	Pn	11 17 31.1 0.0
PAVA	Las Pavas	3.01	89	iP	Pn	11 17 31.1 0.0
COEC	Centro de Oper	3.29	91	eP	Pn	11 17 31.9 0.0
COEB	Comit de Em	3.42	93	eP	Pn	11 17 35.7 -0.9
COEB	Comit de Em	3.42	93	eP	Pn	11 17 35.7 -0.9
LCND	La Caada	4.05	95	eP	Pn	11 17 44.2 -1.1
LCND	La Caada	4.05	95	eP	Pn	11 17 44.2 -1.1
CMIG	Marias Romero	4.37	321	eP	Pn	11 17 48.5 -1.1
CMIG	1.6nm, 0.3s, baz=140, slow=9.4, SNR=14					
CMIG	3.4nm, 0.3s, baz=101, slow=3.9, SNR=3.0					
TGUH	Teguigalpa, Un	4.64	85	eP	Pn	11 17 53.0 -0.6
ESTN	Estel	7.44	28	eP	Pn	11 18 31.9 +0.1
MATN	Matagalpa	6.00	96	eP	Pn	11 18 10.7 -1.5
MATN	Matagalpa	6.00	96	eP	Pn	11 18 32.6
TLIG	Tipapa	7.38	302	eP	Pn	11 18 33.2 +2.0
TEIG	Tepeich	7.44	28	eP	Pn	11 18 31.9 +0.1
TEIG	comp=N, 3.2nm, 0.3s, baz=218, slow=11, SNR=15					
TEIG	Sn					11 19 52.6 -2.4
TEIG	baz=216, slow=18, SNR=2.2					
TEP	Tepeich	7.44	28	eP	Pn	11 18 29.9 -2.0
ESPN	Las Esperanzas	7.69	100	eP	Pn	11 18 16.1 -0.0
JTS	Las Juntas de	7.71	115	eP	Pn	11 18 35.6 +0.1
JTS	comp=0.7nm, 0.3s, baz=346, slow=10, SNR=5.1					
JTS	Las Juntas de	7.71	115	eP	Pn	11 18 37.3 +1.7
GTBY	Guantanamo Bay	17.35	67	eP	Iamb	11 20 44.1 -1.1
GTBY	comp=Z, 1.1nm, 1.0s, baz=140, slow=14, SNR=14					
H06E1	SOCORRO T-Phas	18.83	288	T	T	11 40 20.1
TXAR	Lajitas Array	18.95	327	P	P	11 21 05.7 +0.9
TXAR	comp=Z, 0.1nm, 0.3s, baz=162, slow=21, SNR=28					
TXAR	PcP					11 25 30.0 +1.0
TXAR	comp=Z, 0.1nm, 0.3s, baz=171, slow=2.4, SNR=4.0					
TXAR	LR					11 29 23.3
TXAR	comp=Z, 2.2nm, 21.2s, baz=0.0, slow=4.0					
TXAR	Lajitas Array	18.95	327	P	P	11 21 04.9 +1.0
TX32	Lajitas Array	18.95	327	P	P	11 21 04.4 +0.5
ROSC	El Rosal	19.55	115	eP	Pn	11 21 11.9 -0.5
ROSC	comp=Z, 1.0nm, 1.5s					11 21 23.2
LPIG	La Paz	21.14	304	LR	LR	11 27 46.1
LPIG	comp=Z, 1.1nm, 20.8s, baz=216, slow=33					
GOGA	Godfrey	21.14	20	P	P	11 21 25.8 -1.8
GOGA	comp=Z, 9.4nm, 1.2s					11 21 38.7
MNTX	Cornudas Mount	21.72	328	P	P	11 21 33.8 -0.1
MNTX	comp=Z, 5.1nm, 0.9s					11 21 36.6
WHOK	Whitica Mounta	21.84	345	P	P	11 21 33.2 -1.9
WHOK	Amarillo	22.84	339	P	P	11 21 45.0 -1.0
TKL	Tuckaleechee C	23.12	17	LR	LR	11 31 55.4
TKL	comp=Z, 8.8nm, 19.3s, baz=225, slow=39					
121A	Cookes Peak, D	23.65	325	P	P	11 21 55.0 +0.9
121A	comp=Z, 4.0nm, 0.8s					11 22 08.0
SIUC	Southern Ilin	24.07	5	P	P	11 21 55.5 -2.2
SIUC	comp=Z, 1.5nm, 1.1s					11 22 00.8 +0.6
BNM	Barres Site	24.30	329	P	P	11 22 03.8 +2.0
LENM	Lemitar	24.72	146	LR	LR	11 30 29.5
ATAH	Atahualpa	24.72	146	LR	LR	11 30 29.5
ATAH	comp=Z, 3.8nm, 20.8s, baz=32, slow=34					
ANMO	Albuquerque	24.86	331	P	P	11 22 06.1 +0.9
ANMO	comp=Z, 1.1nm, 0.8s, baz=145, slow=12, SNR=7.6					
ANMO	Albuquerque	24.86	331	P	P	11 22 05.9 +0.7
SJG	San Juan	25.27	77	LR	LR	11 33 00.9
SJG	comp=Z, 7.3nm, 18.7s, baz=261, slow=39					
MVCO	Mesa Verde	26.66	331	P	P	11 22 30.8 +0.2
MVCO	comp=Z, 5.0nm, 0.9s					11 22 34.6
PDAR	Pinedale Array	32.70	336	P	P	11 23 16.2 +1.2
PDAR	comp=Z, 0.1nm, 0.4s, baz=145, slow=9.6, SNR=3.2					
NVAR	Mina Array Bea	33.90	321	P	P	11 23 27.5 +2.0
NVAR	comp=Z, 0.9nm, 0.7s, baz=141, slow=8.4, SNR=10					
NVAR	PcP					11 26 03.6 0.0
NVAR	comp=Z, 0.1nm, 0.4s, baz=113, slow=2.3, SNR=2.8					
NVAR	Mina Array Bea	33.90	321	P	P	11 23 25.8 +0.3
PTGA	Pitinga	34.85	112	P	P	11 23 34.0 +0.2
PTGA	comp=Z, 3.5nm, 0.8s					11 23 35.7
SIV	San Ignacio	42.50	133	P	P	11 24 35.9 -1.9
SIV	comp=Z, 0.7nm, 0.7s, baz=324, slow=7.2, SNR=5.1					
ILAR	Eielson Array	62.12	97	P	P	11 27 09.6 +0.1
ILAR	comp=Z, 1.0nm, 1.0s, baz=118, slow=5.5, SNR=10					
ILAR	Eielson Array	62.12	97	P	P	11 27 08.9 -0.6
BMAR	Burnt Mountain	63.58	340	P	P	11 27 13.1 +0.6
BMAR	comp=Z, 3.1nm, 19.5s, baz=166, slow=36					
ARCES	ARCES Array B	66.45	18	LR	LR	12 08 14.3
SEY	Seymour	69.03	336	LR	LR	12 11 43.9
SEY	comp=Z, 7.8nm, 21.4s, baz=331, slow=37					
CMAR	Chiang Mai Arr	146.28	341	PKP	PKP	11 36 23.3 +1.0
CMAR	comp=Z, 3.6nm, 1.0s, baz=344, slow=4.0, SNR=11					

ISCJB 07 11:30:10.8.0.6, 59:92S:0:06:150:7E:0.2, h10km, mb4.0/7, MS4.0/21, Error ellipse: s-maj=16.0km s-min=9.0km az=3.8

IDC 07 11:30:11.0.1.1, 4.59:38S:150:24E, h0km, mb4.1/7, mb1 4.3/7, mb1mx4.1/32, mbtrmp4.1/7, MS4.0/18, MS1 3.9/18, ms1mx3.8/27, Error ellipse: s-maj=88.9km s-min=21.0km az=79.0

NEIC 07 11:30:13.0.1.3, 59:9S:0:1:150:6E:0.3, h10km, 1km, mb4.1/14

GCMT 07 11:30:16.0.0.4, 59:85S:0:02:150:04E:0.05, h18km, 2km, MW4.9/74, Moment tensor. s13.c15: s74.c103; Duration: 0 Moment tensor. Scale 10¹⁶Nm; Mr0.24E: 14; Ms0.10E: 10; Mb0.13E: 12; M0.07E: 28; Mb0.22E: 10;

Mu:0.66z:29; Best double couple: Mu:2.71100:1016

NP1:3.348.00000:0:878.00000:0:18.00000:0: NP2: 0.254.00000:0:872.00000:0:167.00000:0: Principal axes: T 2.78nm, P122.00000:0:Az211.00000:0: N 0.1480, P168.00000:0:Az211.00000:0: P -2.6370, P14.00000:0: Az210.00000:0: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 11:30:12.6.0.7, 59:89S:0:08:150:6E:0.1, h10km, n46, α 688/27, mb4.3/11, MS4.0/21, West of Macquarie Island

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
MCQ	Macquarie Isla	7.06	44	Pn	Pn	11 31 56.0 +0.1
SBA	Scott Base	18.81	169	P	P	11 34 31.5 -0.3
CASY	Casey	18.93	233	Iamb	Iamb	11 34 33.7 +0.5
CASY	comp=Z, 8.3nm, 0.7s					11 34 35.6
RPZ	Rata Peaks	20.41	47	LR	LR	11 41 05.8
RPZ	comp=Z, 7.50nm, 19.4s, baz=194, slow=32					
TOO	Tooolangi	22.58	349	P	P	11 35 14.4 +1.5
TOO	comp=Z, 30nm, 1.3s					11 35 25.6
CAN	Canberra	24.61	357	P	P	11 35 33.6 +0.8
CAN	comp=Z, 28nm, 1.4s					11 35 37.9
URZ	Warramunga Arr	27.42	50	LR	LR	11 45 48.0
URZ	comp=Z, 487nm, 19.3s, baz=212, slow=34					
STKA	Stephens Creek	28.66	344	P	P	11 36 08.2 -1.0
STKA	comp=Z, 2.2nm, 0.9s, baz=146, slow=11, SNR=3.2					
STKA	comp=Z, 1.79nm, 21.6s, baz=198, slow=32					
STKA	Stephens Creek	28.66	344	P	P	11 36 08.8 -0.5
QSPA	South Pole Qui	30.20	180	P	P	11 36 22.6 +1.3
QSPA	comp=Z, 3.2nm, 1.0s, baz=26, slow=4.3, SNR=8.0					
QSPA	South Pole Qui	30.20	180	P	P	11 36 24.1 +1.3
QSPA	comp=Z, 6.6nm, 1.1s					11 36 40.4
NFO	Forrest	32.80	323	P	P	11 36 46.7 +0.9
NFO	comp=Z, 430nm, 18.7s, baz=210, slow=29					
NWAO	Narrogin (SRO)	34.77	306	LR	LR	11 47 04.6
NWAO	comp=Z, 2.43nm, 19.1s, baz=107, slow=36					
MAW	Mawson	36.35	220	LR	LR	11 51 58.3
MAW	comp=Z, 1.73nm, 19.1s, baz=107, slow=36					
ASAR	Alice Springs	38.05	335	P	P	11 37 31.8 +0.7
ASAR	comp=Z, 1.8nm, 0.8s, baz=164, slow=9.6, SNR=22					</

2013 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Makanchi, Rabbit Creek A, Palmer, Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CGP, BUKP, ASRS, MK31, MK31, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJB9, JRY, OKI, Nagahama, Hachijo jima 2, etc.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MK31, MK31, MK31, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AB31, ABKAR, EGAK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JNA, JNA, UWA2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, XAN Xi'an, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like AAK Ala-Archa, SYO Syowa Base, BICAR Bear Creek A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MSWZ Moikau Station, TGY Tagaytay City, KSRS Korea Array, etc.

7d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like NNS Nan Shan, YHNB Yeheng, NSK Sanguang, etc.

NIED 07 16:09:00, 39.60N, 144.50E, h11km, Mw3.7 Best double couple: Ms3.95000x1014 NP1.353.00000, s27.00000, 1.48.00000. NP2.235.00000, s76.00000, 1.46.00000.

IDC 07 16:09:38.7, 1.0, 39.38N, 144.89E, h0km, mb3.5/8, mb1.3/7.1, mb1mx3.6/3.3, mbtmp3.6/1.1, ML3.0/3, Error ellipse: s-maj=23.5km s-min=19.6km az=127.0

ISCJB 07 16:09:40.1, 0.6, 39.58N, 0.03, 144.66E, h0.06, h23km, mb3.5/8, Error ellipse: s-maj=6.8km s-min=4.0km az=28.8

JMA 07 16:09:42.8, 0.2, 39.64N, 144.54E, h46km, M3.6, mb3.5/8, Error ellipse: s-maj=17.8km s-min=12.9km az=54.4

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

ISCJB 07 16:17:19.8, 0.5, 37.12N, 0.03, 140.73E, h0.04, h11km, 3km, mb3.3/3, Error ellipse: s-maj=6.4km s-min=4.5km az=27.8

IDC 07 16:17:19.1, 1.5, 37.09N, 140.82E, h0km, mb3.2/3, mb1.3/4.5, mb1mx3.3/3.3, mbtmp3.3/5, ML2.6/2, Error ellipse: s-maj=30.8km s-min=26.1km az=73.0

JMA 07 16:17:20.3, 37.12N, 140.68E, h7km, 1km, M2.8, JMA Feat 1/J1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like ONAJ Iwakimizuishiy, JFFD Fukushimafurud, etc.

H1N2 WAKE ISLAND HY 28.69 120 T T 16 53 02.7

H1N1 WAKE ISLAND HY 28.69 120 T T 16 52 59.5

H1N3 WAKE ISLAND HY 28.70 120 T T 16 53 04.8

H1S1 WAKE ISLAND HY 29.38 122 T T 16 54 00.9

H1S3 WAKE ISLAND HY 29.38 122 T T 16 53 58.2

H1S2 WAKE ISLAND HY 29.40 122 T T 16 54 05.0

MKAR Makanchi Array 43.59 302 P 16 25 25.3 +0.1

WRA Warramunga Arr 57.07 187 P 16 27 06.2 -1.1

ASAR Alice Springs 60.80 187 P 16 27 33.4 +0.2

SJA 07 16:24:20.9, 0.8, 30.27S, 67.68W, h10km, 4km, ML3.5, MW3.6

IDC 07 16:24:24.7, 3.5, 30.42S, 67.25W, h40km, 33km, mb3.6/1, mb1.3/6.2, mb1mx3.3/2.7, mbtmp3.7/2, ML3.7/1, Error ellipse: s-maj=54.4km s-min=16.9km az=136.0

ISC 07 16:24:19.5, 1.5, 30.27S, 0.04, 67.52W, 0.07, h6km, 11km, n13, c093/18, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like AMOG MOGNA, AMOG Cerro Villucan, etc.

KRSC 07 16:35:11.3, 1.8, 48.95N, 156.67E, h6km, 34km, ML4.1, East of Kuril Islands

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like KOTR Mutnovka, MTRV Ruskaya, etc.

GUC 07 17:00:57.7, 0.8, 17.38S, 72.08W, h113km, 2gkm, ML3.8, 2D, Near east coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like PSGC Pisagua, PSGC IOPC Station P, etc.

ISCJB 07 17:03:50.7, 0.8, 5.67S, 0.10, 154.6E, 0.1, h400km, mb3.5/7, Error ellipse: s-maj=17.8km s-min=12.9km az=5.4

IDC 07 17:03:52.3, 1.1, 5.65S, 154.42E, h402km, 10km, mb3.2/8, mb1.3/4.1, mb1mx3.2/3.3, mbtmp4.0/1.1, Error ellipse: s-maj=20.2km s-min=12.3km az=96.0

ISC 07 17:03:52.2, 0.9, 5.75S, 0.1, 154.4E, 0.1, h400km, n11, c1878/14, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like KRVT Keravat, KRVT Port Moresby, etc.

DJA 07 17:12:37.6, 0.3, 1.52S, 12.2E, h10km, M3.5/10, ML3.5/10, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like APSI Ampana, APSI Luwuk, etc.

ISCJB 07 17:19:55.0, 0.3, 49.85N, 0.02, 18.48E, 0.03, h0km, Error ellipse: s-maj=3.6km s-min=2.1km az=23.0

IPEC 07 17:19:56.7, 0.2, 49.84N, 18.57E, h1km, 3km, ML2.3/3, Error ellipse: s-maj=1.8km s-min=1.1km az=164.0

VIE 07 17:19:56.0, 0.9, 49.75N, 18.60E, h0km, mb2.2/3, ml2.7/4, Error ellipse: s-maj=8.6km s-min=5.8km az=53.0, Suspected Mining induced.

PRU 07 17:19:57.0, 0.9, 49.82N, 18.51E, h0km, Mining Induced Event Karvina, E=6e05

ISC 07 17:19:55.6, 0.7, 49.83N, 0.03, 18.55E, 0.02, h0km, n41, c0569/77, 9C-3D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like OKC Ostrava-Krasne, OKC Raciborz, etc.

ISC 07 17:20:22.7, 0.4, 49.82N, 18.51E, h0km, n41, c0569/77, 9C-3D, Czech and Slovak Republics

Table with columns: VRAC, SMOL, DPC, KRUC, MODS, KSP, KSP, KSP, UPC, CHVC, STHS, KECS, KECS, TREK, PSZ, PSZ, GOPC, KOLS, PRU, CONA, CONA, PVCC, TRPA, BRG, BRG, KHC, KHC, MOA, MOA, CLL, DRGR, SIRR, BZS, BUBAR, GZR

Table with columns: KRSC 07 17:25:45.2-4.1, 5.0, 68N, 160.02E, h89km, 32km, ML3.5, East of Kuril Islands

Table with columns: IDC 07 17:35:52.2-4.1, 22.87S, 171.26E, h0km, mb3.74, Ms1 3.5/7, ms1mx3.1/36, Error ellipse: s-maj=84.6km

Table with columns: IDC 07 18:08:34.1-2.0, 36.1N, 0.2-69.7E, h100km, mb3.5/3, Error ellipse: s-maj=26.4km s-min=14.2km az=152.9

Table with columns: IDC 07 18:08:35.1-7.6, 36.04N, 69.88E, h108km, mb3.3/4, mb1 3.3/9, ms1mx3.0/55, mbtmpp3.7/9, Error ellipse: s-maj=56.1km s-min=27.6km az=38.0

Table with columns: AB31, KURBB, KURBB, AKTO, AKTO, BVA0, BVA0, ZALV, ZALV, ARU, ARU, ARCES, ARCES, WRA, WRA

Table with columns: SJA 07 18:13:11.7-0.6, 21.79S, 68.46W, h122km, 4km, ML2.9, MW3.3, ISCJB 07 18:13:12.2-0.7, 21.81S, 0.0-68.53W, h127km, 9km, Error ellipse: s-maj=10.4km s-min=5.9km az=167.5

Table with columns: IDC 07 18:16:52.8-6.4, 43.79N, 0.0-105.23W, h0km, Error ellipse: s-maj=7.0km s-min=5.9km az=164.7

Table with columns: IDC 07 18:16:52.6-1.7, 43.95N, 105.55W, h0km, mb1 3.6/4, mb1mx3.5/8, mbtmpp3.4/4, ML2.7/3, Error ellipse: s-maj=56.5km s-min=9.6km az=148.0

Table with columns: IDC 07 18:16:54.0-2.6, 43.79N, 0.0-105.37W, h0km, n46, 0589/43, Wyoming

Table with columns: IMW, IMW, IMW, YHH, YHH, YHH, TPWA, TPWA, TPWA, TPWA, FOWA, FOWA, FOWA, YHB, YHB, YHB, YHL, YHL, YHL, RDMU, RDMU, RDMU, DGMT, DGMT, DGMT, SMCO, SMCO, SMCO, SMCO

Table with columns: MCMT, MCMT, SPUT, SPUT, PV22, PV22, PV07, PV07, PV04, PV04, PV12, PV12, PV14, PV14, PV20, PV20, PV11, PV11, PV16, PV16, PV03, PV03, PV02, PV02, ULM, ULM, ULM, NV01, NV01, NVAR, NVAR

Table with columns: MAN 07 18:41:10.7, 12.49N, 125.68E, h58km, mb4.5, ML3.4, IDC 07 18:41:34.8-4.5, 13.47N, 93.22W, h0km, mb3.3/1, mb1 3.7/2, mb1mx3.4/24, mbtmpp3.2/2, ML3.7/1, Error ellipse: s-maj=389.0km s-min=76.9km az=52.0

Table with columns: IDC 07 18:41:36.9-1.1, 13.99N, 93.17W, h96km, h14km, MD3.9, ISCJB 07 18:41:36.0-2.1, 14.11N, 92.00W, 93.19W, 0.07, h1km, 16km, mb3.3/1, Error ellipse: s-maj=14.9km s-min=7.9km az=37.2

Table with columns: MEX 07 18:41:36.9-1.1, 13.99N, 93.17W, h96km, h14km, MD3.9, ISCJB 07 18:41:36.9-3.3, 14.12N, 92.03W, 0.07, h14km, 18km, n11, 1580/15, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CESE, GMLD, DURS, BOZC, CHOS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU, JRY, JYU, JYT, etc.

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

ISCJB 07 19:37:43.4, 0.29:96N, 0.03:139.20E:0.07, h421km, mb3.2/11, Error ellipse: s-maj=7.7km s-min=4.6km az=178.4

JMA 07 19:37:44.2, 0.2, 0.30:02N:139.45E, h424km, M3.5

IDC 07 19:37:44.0, 0.8, 29:95N:139.03E, h407km, 9km, mb2.9/11, mb1.3/0.16, mb1mx3.0, mb1mp3.7/16, Error ellipse: s-maj=21.4km s-min=10.5km az=76.0

ISC 07 19:37:45.1, 0.6, 30:04N:0.07, 139.2E:0.1, h421km, n38, r182/48, mb3.2/11, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ3, etc.

ISCJB 07 20:04:14.1, 1.0, 34:76N:0.02:33:99E:0.03, h36km, 10km, Error ellipse: s-maj=5.2km s-min=2.8km az=149.6

NIC 07 20:04:14.2, 0.0, 34:78N:33:89E, h29km, 2km, M2.4/3

GII 07 20:04:14.7, 0.0, 34:87N:33:96E, h30km

ISK 07 20:04:18.0, 35:14N:33:68E, h23km, M2.4/14

DDA 07 20:04:18.6, 35:21N:33:64E, h7km, 2km, M2.6

ISC 07 20:04:14.1, 1.0, 34:76N:0.03:33:93E:0.03, h32km, gkm, n52, r088/73, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PARAL, PARAL2, etc.

ISCJB 07 20:09:14.6, 0.0, 28:21N:99:49E, h10km, mb4.0/11, ML3.9/11, Ms3.9/11, Ms7.3/9/14

ISC 07 20:09:14.6, 0.4, 28:16N:0.05:99:41E:0.04, h10km, n160, r151/158, mb4.4/72, MS3/5/18, 8C-1D, Yunnan

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NIL, MAKZ, NRN, MOY, TLY, BOOM, AAK, KSR, BTK, GAR, KBL, PALK, KURB, JUNU, KURK, BVAO, BRVK, MJAR, BLSI, GEYT, ABKAR, ERM, AKTO, ARU, ARU, ARU, ARU, NRIK, KIRV, GNI, TIXI, KIV, KIV, VRH, PETK, VSR, LPSR, BR101, BR102, AKASG, AKASG, SUF, SUF, FIAO, FIAO, FIAO, FIAO, AR101, AR102, AR103, AR104, AR105, WR1, WR1, WR1, WR1, MLR, VAF.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KWP, KWP, ASAR, VYHS, VYHS, MORC, JAVC, DPC, VRAC, NB2, NB2, NOA, PRU, PRU, KMB, KMB, CLL, CLL, GERES, GERES, DAVOX, DAVOX, WLF, WLF, GIVET, GIVET, DOU, DOU, LPL, LPL, MBDF, MBDF, ORIF, ORIF, BPAW, BPAW, BMAR, BMAR, SMF, SMF, SSF, SSF, SSB, SSB, AVF, AVF, ILAR, ILAR, ILAR, ILAR, TCF, TCF, RJF, RJF, GRR, GRR, MTLF, MTLF, MFF, MFF, SGMF, SGMF, BCAR, BCAR, ROSF, ROSF, ETSF, ETSF, ESDC, ESDC, TOA1, TOA1, TORO, TORO, Code, Station Name, Azimuth, Elevation, SNR, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, CMAR, TAPN, TAPN, RAMM, RAMM, JIRN, JIRN, PKI, PKI, PKN, PKN, KKN, KKN, SONM, SONM, MKAR, MKAR, AAK, AAK, KURB, KURB, ZALV, ZALV, BVAR, BVAR, ASAR, ASAR, ILAR, ILAR, Code, Station Name, Azimuth, Elevation, SNR, and other parameters.

7d 21h

Table of astronomical observations for 7d 21h, listing stations like PDGK, KUDL, GEYT, etc., with columns for station name, time, and residuals.

2013 OCT

Main table of astronomical observations for 2013 OCT, listing stations like GDK, TADONG, TAPN, etc., with columns for station name, time, and residuals.

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Table of astronomical observations for station Ms1, listing station name, time, and residuals.

ISCJB 08 01:39:22.4,0.5,20.66S:0.04:178:78W:0.03, h584km,5km,mb4.6/76, Error ellipse: s-maj=6.5km s-min=3.7km az=154.8

MOS 08 01:39:22.0,0.9,20.63S:178:78W:h583km,6/37, Error ellipse: s-maj=11.5km s-min=8.2km az=139.2

BUJ 08 01:39:23.0,0.0,20.70S:178:70W:h605km,mb4.8/21, m85.2/14

NEIC 08 01:39:24.4,2.2,20.60S:0.08:178:75W:0.09, h598km,5km,mb4.7/170

IDC 08 01:39:25.2,1.0,20.71S:178:78W,h612km,12km, mb4.0/22,mb1 4.2/26,mb1mx4.1/36,mbtmp5.0/26, Error ellipse: s-maj=11.6km s-min=8.0km az=156.0

ISC 08 01:39:23.5,0.4,20.65S:0.05:178:67W:0.05, h597km,4km,h598km:pp-P,n730,01921/792,mb4.7/135, 63C-33D,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Niue, Raoul Island, Afiamalu, etc.

Table with columns: WRAB, Tennant Creek, 43.95 262cP, P, 01 46 38.6 -0.7. Lists various stations like Warramunga Arr, Warramunga Arr, etc.

Table with columns: GSC, Goldstone, Bar, 80.82 47 P, P, 01 50 38.1 +1.7. Lists various stations like Darwin (Calif), Darwin (Calif), etc.

Table of meteorological data for stations 8d 1h, including GORR, RETA, SORM, WATA, etc. Columns include station name, coordinates, and various data points.

Table of meteorological data for stations ESDC, BR101, BR131, BR133, etc. Columns include station name, coordinates, and various data points.

Table of meteorological data for stations PHWY, TKL, PBMO, MGMO, ISCO, etc. Columns include station name, coordinates, and various data points.

NEIC 08 01:48:41.6: 1.9, 14:73S:0:07:167:2E:0:1, h85km, 6km, mb4, 4/15
ISCJB 08 01:48:42.1: 0.3, 14:82S:0:03:167:06E:0:07, h100km, mb4, 0/14, Enr ellipse: s-maj=9.2km s-min=4.3km az=169.5
IDC 08 01:48:43.1: 3.8, 14:80S:167:16E, h94km, 34km, mb3, 9/15, mb1 4/16, mb1mx4, 0/32, mbtmp4, 2/16, MSJ, 2/1, Ms1 3.2/1, ms1mx2, 7/28, Enr ellipse: s-maj=21.8km s-min=20.7km az=135.0
ISC 08 01:48:43.5: 0.5, 14:78S:0:06:167:11E:0:09, h100km, n61, e0:93/63, mb4, 3/19, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Warramunga Arr, etc.

Code Station Name Az Az' Phase ID Time Res ISC
BTk Batken 1.32 63 Op ISC
BTk batzen 66 I/S Sn
TAS Tashkent 1.86 360 I/P Sn
TAS tas 60 I/S Sb
IUG luzhnay 2.74 12 eP Pb
IUG 1.8nm,0.2s eS Sb

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTk Batken, TAS Tashkent, IUG luzhnay, ARK Arkit, ARS Arslanbob, etc.

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

ISCJB 08 01:57:07.9.0.5,24:38S:0:04:67:27W:0.03,h185km,5km,mb3.8/3,Error ellipse: s-maj=7.1km s-min=4.9km az=12.8
SJA 08 01:57:07.5.0.6,24:44S:67:21W,h189km,6km,ML3.1, MW3.5
GUC 08 01:57:10.4.0.5,24:23S:67:93W,h231km,10km,ML3.7
IDC 08 01:57:12.9.0.9,23:85S:67:39W,h216km,16km,mb3.5/3,mb1 3.3/8,mb1mx3.1/39,mbtmp3.8/8,Error ellipse: s-maj=25.6km s-min=1.6km az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code Station Name, SLA San Lorenzo, AZAP Zapla, LVC Limon Verde, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Y60A Georgetown, SC, Z59A Albert Glenn T, W61A Ground Anchor, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Mayaguez, Arcobio Observ, Bloomington, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Hillman, E51A, K43A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Las Pavas, Las Brisas, etc.

NIED 08 02:02:00.20:40N:122.00E,h32km,Mw4.5 Best double couple: Ms5.77000x1015 NPl1.81.00000: 858.00000* 2.164.00000* NP2.0179.00000: 877.00000* 1.33.00000* JMA 08 02:02:50.4:0.6.20'41N: 121.95E,11km,M4.8 BUJ 08 02:02:51.9:0.2.20'03N: 121.83E,123km,mb4.3/20, mb4.8/14,ML4.2/3,Ms4.2/9,Ms7.3/94 ISCJB 08 02:52.6:0.3.20'34N:02:122'11E:0:04,h34km,4km, mb4.1/25,MS3.6/10, Error ellipse: s-maj=6.1km s-min=2.4km az=10.9

MAN 08 02:02:53.1,2:09'N:121.99E,h1km,mb5.0,ML3.9,MS4.0 NEIC 08 02:02:54.4:1.7.20'29N:0:07:122.00E:0.05,h34km,4km, mb4.3/31 IDC 08 02:02:56.1:3.6.20'26N:122'13E,h52km,34km,mb3.8/19, mb1.4/022,mb1mx3.9/43,mbmt4.1/22,ML3.7/3,MS3.5/11, Ms1.3.5/11,ms1mx3.3/33, Error ellipse: s-maj=21.5km s-min=12.8km az=72.0 ISC 08 02:02:53.9:2.9.20'38N:0:03:121'97E:0:05,h28km,22km, h125,11554/135,mb4.2/38,MS3.6/10,2D,Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Mt. Cagua, Pinlang, Conner, Callao Caves, etc.

M=1 3.8/23,ms1mx3.7/38,Error ellipse: s-maj=11.5km s-min=10.0km az=157.0 BUJ 08 02:52:11.5-0.0,27.44N-55.72E,h50km,mb4.8/31, mB5.1/24,M4.4/12,M3.7/4 2/8 OMAN 08 02:52:11.8-0.5,27.33N-56.10E,h37km,mb5.3/3, m4.8/19,ms4.1/4,Mwp4.8/9,Error ellipse: s-maj=10.2km s-min=6.3km az=358.0 ISC 08 02:52:08.7-0.6,27.25N,0.02-55.83E,0.03,14hkm,3km, n794,σ1950/812,mb4.8/218,MS3.9/30,21C-18D

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like GENO, NIAN, SHME, BANOM, UMQ, etc.

Table with columns: ZNGN, Zangian, MHTO, MHTO, etc. Includes stations like ROKH, JHEN, TNSJ, etc.

Table with columns: ASF, Jabal al Asfar, etc. Includes stations like KOPR, BGOL, SANL, etc.

8d 3h

Table of station data for 8d 3h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2013 OCT

Main table of station data for 2013 OCT, listing stations like SCRR, DHT, DAWY, etc., with their respective coordinates and parameters.

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Table of station data for 340, including stations like TREB, SELS, DBRK, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OHAK Old Harbor, CHIR Chirikof Islan, KDAB Kodiak Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TKB Tkbuli, DIGR Digorskoe uzhe, ZEI Tsey, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GOF Gofitskoye, GDB GEDABAY, DUB Dubki, etc.

AZER 08 06:25:36.8-0.4, 42.34N-43.17E, h5km, m13.17, Error ellipse: s-maj=6.2km s-min=3.0km az=7.0

BUI 08 07:13:28.7-0.0, 7.28S: 130.46E, h101km, mb4.7/17, m85.2/12

az=15.4
NEIC 08 07:13:32.3; 1.6, 6.58S; 0.06; 130.37E; 0.04, h87km, 7km,
mb4.5/24
IDC 08 07:13:34.0; 2.1, 6.48S; 130.20E, h92km, 19km, mb4.0/10,
mb1 4.1/13, mb1mx3.9/32, mbtmp4.4/13, Error ellipse:
s-maj=20.9km s-min=13.1km az=85.0
DJA 08 07:13:34.0; 2.7, S.2*13'0E", h120km, 4km, M4.9/23,
mb5.4/6, mb4.9/23, MLv5.0/14, Mw(m)4.6/6
ISC 08 07:13:33.0; 0.4, 6.59S; 0.04; 130.33E; 0.05, h90km, n94,
r192/103, mb4.5/22, 1D, Banda Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their parameters.

Table with columns: KTBS, Karatobe, 1.41 295 P, Pb, 09 19 52.0 -0.5, etc.

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time Res, etc.

ASRS 08:09:22:15.53:60N:87.85E, M3.1, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS...

NDI 08:09:31:05:41.4, 9:29N:93:00E, h10km, ML3.6

NEIC 08:09:31:11:2.0, 9:78N:0:08:93:81E:10.0, h35km, 1km, mb4.6/27

ISC 08:09:31:09:9.0, 9:76N:0:07:93:74E:0:07, h26km, 5km, n11.1, c129/114, mb4.3/4, MS3.4/3, IC, Nicobar Islands region

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time Res, etc.

Main table with columns: BTK, Iamb, Iamb, 09 38 15.6, etc.

ISC/JB 08:09:37:23.5:0.3, 6:40N:0:02:126:02E:0:04, h79km, 2km, mb4.4/24, NOR ellipse: s-maj=6.7km s-min=3.4km

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Songrio Array, Canberra, Tooolangi, etc.

WEL 08:09:38:45.7,38'S;4:17:9'E; h35km;10km, M3.2/24, ML3.5/19, ML3.2/24, Error ellipse: s-maj=0.0km, s-min=0.0km, az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Carnagh Station, Puketiti, Waiomatatini S, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CTZ Chatham Island, Serv Nav Est T, El Apazote, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like U15A North Rim, LPAZ La Paz, LPAZ Leonard, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like P16A Castle Valley, SWET Sewanee, WVT Waverly, etc.

Table with columns: STKA, Stephens Creek, 27.43 158, P, P, 10 56 02.6 +0.5, etc.

IDC 08 11:27:25.7-0.8, 14.53S:75.92W, h0km, mb3.9/9, mb1 4.1/2, mb1mx3.9/38, mbtmp4.0/12, ML3.6/3, MS3.1/5, Ms1 3.1/5, ms1mx2.9/25, Error ellipse: s-maj=29.1km s-min=14.4km az=67.0

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

SJA 08 11:22:09.9-0.4, 23.53S:69.18W, h91km, 2km, ML2.8, MW3.1, ISCJB 08 11:22:11.8-0.8, 23.47S:0.04:69.21W, h91km, 10km, Error ellipse: s-maj=11.2km s-min=5.8km az=15.1

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

ATH 08 11:29:05.8, 36.04N-27.19E, h25km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=1.0km az=89.0

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

IDC 08 11:27:25.7-0.8, 14.53S:75.92W, h0km, mb3.9/9, mb1 4.1/2, mb1mx3.9/38, mbtmp4.0/12, ML3.6/3, MS3.1/5, Ms1 3.1/5, ms1mx2.9/25, Error ellipse: s-maj=29.1km s-min=14.4km az=67.0

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

Table with columns: ATAH, 0.7nm, 0.3s, baz=72, slow=20, SNR=2.5, etc.

ATH 08 11:29:05.8, 36.04N-27.19E, h25km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=1.0km az=89.0

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

ATH 08 11:29:05.8, 36.04N-27.19E, h25km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=1.0km az=89.0

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

ATH 08 11:29:05.8, 36.04N-27.19E, h25km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=1.0km az=89.0

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

ATH 08 11:29:05.8, 36.04N-27.19E, h25km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=1.0km az=89.0

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

Table with columns: NPS, comp=N, 310um, 0.4s, AML, AML, 11 29 57.9, etc.

SNET 08 11:31:00.0-2.5, 12.13N:88.64W, h13km, 12km, ML3.3, IDC 08 11:31:01.1-1.1, 1.3, 66N:87.00W, h0km, mb3.5/2, mb1 3.9/4, mb1mx3.5/42, mbtmp3.6/4, ML3.2/2, MS3.3/11, Ms1 3.3/11, ms1mx0.3/30, Error ellipse: s-maj=73.7km s-min=23.2km az=52.0

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

NEIC 08 11:31:05.9-1.5, 12.33N:0.03:88.38W, 0.06, h50km, 17km, mb4.2/25, ISC 08 11:31:02.1-0.1, 12.26N:0.06:88.51W, 0.05, h21km, 3km, n65, s152/66, mb4.2/12, MS3.2/8, Off coast of central America

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

NEIC 08 11:31:05.9-1.5, 12.33N:0.03:88.38W, 0.06, h50km, 17km, mb4.2/25, ISC 08 11:31:02.1-0.1, 12.26N:0.06:88.51W, 0.05, h21km, 3km, n65, s152/66, mb4.2/12, MS3.2/8, Off coast of central America

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

NEIC 08 11:31:05.9-1.5, 12.33N:0.03:88.38W, 0.06, h50km, 17km, mb4.2/25, ISC 08 11:31:02.1-0.1, 12.26N:0.06:88.51W, 0.05, h21km, 3km, n65, s152/66, mb4.2/12, MS3.2/8, Off coast of central America

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

NEIC 08 11:31:05.9-1.5, 12.33N:0.03:88.38W, 0.06, h50km, 17km, mb4.2/25, ISC 08 11:31:02.1-0.1, 12.26N:0.06:88.51W, 0.05, h21km, 3km, n65, s152/66, mb4.2/12, MS3.2/8, Off coast of central America

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

NEIC 08 11:31:05.9-1.5, 12.33N:0.03:88.38W, 0.06, h50km, 17km, mb4.2/25, ISC 08 11:31:02.1-0.1, 12.26N:0.06:88.51W, 0.05, h21km, 3km, n65, s152/66, mb4.2/12, MS3.2/8, Off coast of central America

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

NIED 08 11:45:00.31:80N,132.00E,h20km,Mw4.5 Best double couple: M₁7.17000,1015° NP1₃172.0000°,815.0000°,147.00000°. NP2₃136.0000°,879.00000°,100.00000°.
BUJ 08 11:45:12.6:0.0,31:47N,132.34E,h20km,mb4.7/39,mb5.0/35,Ms4.4/29,Ms7.4/32/29
NEIC 08 11:45:20.9:1.9,31:66N,0.05:131:76E,0.06,h38km,5km,mb4.8/47
ISCJB 08 11:45:20.2:0.4,31:75N,0.03:131:86E,0.03,h43km,3km,mb4.4/49,MS4.1/22,Error ellipse: s-maj=4.6km s-min=3.3km az=145.8
JMA 08 11:45:20.4:0.1,31:75N,131.93E,h24km,2km,M4.5 Broadband fault plane solution: P waves: NP1: 136.00000°,875.00000°,183.00000°. NP2: 136.2520000°,816.00000°,116.00000°. Principal axes: T: P159.0000°,Azm305.0000°; N: P167.0000°,Azm47.0000°; P: P130.0000°,Azm141.0000°;
JMA Felt II.1.
MOS 08 11:45:21.1:1.0,31:82N,131.67E,h46km,mb4.7/20 Error ellipse: s-maj=10.1km s-min=6.2km az=111.3
IDC 08 11:45:23.9:1.9,31:77N,131.50E,h55km,17km,mb4.0/21,mb1.4/23,mb1mx4.0/45,mbtmp4.2/23,ML3.2/2,MS4.0/19,Ms1.4/0/19,ms1mx3.7/39,Error ellipse: s-maj=17.3km s-min=9.9km az=88.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LZH					comp=Z,100nm,4.3s	LR LR
LZH					comp=Z,440nm,10.3s	LR LR
LZH					comp=Z,560nm,12.0s	LR LR
CD2					comp=Z,640nm,12.4s	LR LR
CD2	Chengdu	23.97 275			P pmax	11 50 31.8 -0.7
ULN					comp=Z,60nm,0.8s	LR LR
ULN	Ulaanbaatar	24.78 318			P pmax	11 50 37.5 -2.4
ULN					comp=Z,15nm,0.9s	LR LR
ULN	Ulaanbaatar	24.78 318			I Amb I Amb	11 50 37.5 -2.4 11 50 51.3
SONA	Songino Array	25.14 317			P p	11 50 42.8 -0.3
SONM	Songino Array	25.14 317			P p	11 50 42.8 -0.3
SONM					comp=Z,10nm,0.8s,baz=132,slow=9.8,SNR=41	LR LR
SONM					comp=Z,293nm,20.5s,baz=130,slow=38	LR LR
SONM	Songino Array	25.14 317			P p	11 50 42.7 -0.5
KMI	Kunming	26.36 263			pP pP	11 50 54.5 0.0 11 51 00.6 -4.3
KMI					pP pP	11 51 03.0 -6.3
KMI					pP pP	11 51 37.2 +2.4
KMI					pP pP	11 55 23.6 -1.8
KMI					pP pP	11 55 37.2 -3.4
KMI					comp=Z,13nm,0.5s	pmax pmax
KMI					comp=Z,280nm,4.4s	LR LR
KMI					comp=Z,340nm,5.9s	LR LR
KMI					comp=Z,280nm,5.4s	LR LR
KMI					comp=Z,230nm,6.9s	LR LR
GTA	Gaotai	27.04 295			P p	11 51 00.4 +0.1
GTA					pP pP	11 51 06.4 -4.4
GTA					sP sP	11 51 09.5 -5.9
GTA					comp=Z,8.0nm,1.0s	pmax pmax
GTA					comp=Z,140nm,4.3s	LR LR
GTA					comp=Z,300nm,17.9s	LR LR
GTA					comp=Z,450nm,15.5s	LR LR
GTA					comp=Z,670nm,16.8s	LR LR
ZAK	Zakamensk	28.20 320			eP p	11 51 20.0 +9.4
ZAK					comp=Z,7.0nm,1.4s	p pmax
PETK	Petropavlovsk-	28.39 34			LR LR	12 02 39.8
TYL	Tiayay	28.69 322			eP p	11 51 15.8 +0.9
CHTO	Chiang Mai	32.28 254			P p	11 51 46.1 -0.6
CHTO					comp=Z,4.0nm,0.7s	p p
CHTO	Chiang Mai	32.26 254			P p	11 51 46.1 -0.6
CM31	Chiang Mai Arr	32.44 254			I Amb I Amb	11 51 47.5 -0.7 11 52 58.5
CMAR					comp=Z,22nm,1.7s	p p
CMAR	Chiang Mai Arr	32.44 254			P p	11 51 48.6 +0.3
CMAR					comp=Z,1.2nm,0.7s,baz=55,slow=7.0,SNR=5.7	P p
CMAR					comp=Z,0.8nm,0.4s,baz=53,slow=7.0,SNR=5.6	LR LR
CMAR					comp=Z,141nm,19.2s,baz=10,slow=39	LR LR
CMAR	Chiang Mai Arr	32.44 254			P p	11 51 47.2 -1.1
H1N2	WAKE ISLAND Hy 33.64 102				T T	12 27 36.2
H1N1	WAKE ISLAND Hy 33.64 102				T T	12 27 39.8
H1N3	WAKE ISLAND Hy 34.05 104				T T	12 27 46.3
SEY	Seymchan	33.86 17			P p	11 52 01.6 +1.5
SEY					comp=Z,1.1nm,0.2s,baz=37,slow=20,SNR=3.2	P p
SEY	Seymchan	33.86 17			eP p	11 52 01.2 +1.0
HS13	WAKE ISLAND Hy 34.05 104				T T	12 28 32.0
HS13					comp=Z,304,slow=75,SNR=17	T T
H1S1	WAKE ISLAND Hy 34.06 104				T T	12 28 39.4
H1S2	WAKE ISLAND Hy 34.07 104				T T	12 28 44.5
WMQ	Urumqi	36.50 302			eP pmax	11 52 23.6 +0.4
WMQ					comp=Z,14nm,0.6s	pmax pmax
WMQ					comp=Z,23nm,4.7s	LR LR
WMQ					comp=Z,190nm,6.3s	LR LR
WMQ					comp=Z,130nm,14.3s	LR LR
WMQ					comp=Z,440nm,19.7s	LR LR
WMQ	Urumqi	36.50 302			p pmax	11 52 22.7 -0.5
WMQ					comp=Z,14nm,0.5s	p p
WMQ	Urumqi	36.50 302			P p	11 52 22.7 -0.5
ODAN	Odare	38.85 274			eP p	11 52 43.8 +0.3
RAMM	Ramite	39.50 275			eP p	11 52 47.8 -0.2
IPM	Ipho	39.61 233			P p	11 52 49.0 -0.7
JURN	Jiri	39.63 276			eP p	11 52 50.7 +0.6
GUN	Gumba	39.82 277			eP p	11 52 51.9 +0.2
TIXI					comp=Z,1.5nm,0.3s,baz=120,slow=2.0,SNR=5.1	P p
ZAA1	Zalesovo Array	40.04 318			P p	11 52 51.8 -0.9
ZAA1					comp=Z,0.5nm,0.3s,baz=119,slow=4.4,SNR=1.8	P p
ZALV	Zalesovo Bean	40.04 318			P p	11 52 51.8 -0.9
ZALV					comp=Z,0.5nm,0.4s,baz=85,slow=4.6,SNR=4.0	LR LR
ZALV					comp=Z,109nm,18.9s,baz=122,slow=37	P p
PKI	Pulchoki	40.32 276			eP p	11 52 56.2 +0.4
PKIN	Phulchoki	40.33 276			eP p	11 52 56.6 +0.8
PKIN					comp=Z,1.1nm,0.4s	P p
KKN	Kakani	40.36 277			eP p	11 52 56.3 +0.3
MK31	Makanchi Array	40.52 306			P pmax	11 52 55.9 -0.9
MK31					comp=Z,3.0nm,0.7s	P p
MK32	Makanchi Array	40.52 306			P p	11 52 55.9 -0.9
MK32					comp=Z,3.6nm,0.6s,baz=92,slow=10,SNR=30	P p
MKAR	Makanchi Array	40.52 306			P p	11 54 58.4 -0.4
MKAR					comp=Z,0.6nm,0.6s,baz=68,slow=3.3,SNR=3.6	LR LR
MKAR					comp=Z,218nm,18.1s,baz=104,slow=39	LR LR
MKAR	Makanchi Array	40.52 306			P p	11 52 55.7 -1.1
MAKZ	Makanchi	40.73 306			P pmax	11 52 57.6 -1.0
MAKZ					comp=Z,1.1nm,1.5s	P p
MAKZ	Makanchi	40.73 306			P p	11 52 57.6 -1.0
GKN	Gorkha	40.84 277			eP p	11 52 59.7 -0.2
BILL	Bilibino	41.48 19			eP p	11 53 05.1 +0.7
BILL					e	11 53 44.3
BILL					e	11 55 01.7
BILL					ePPP pmax	11 55 10.5
DANN	Dangsing	41.48 278			eP p	11 53 05.5 +0.2
KOLN	Koldanda	41.79 277			eP p	11 53 07.6 -0.1
KURK	Kurchatov	43.24 312			eP p	11 53 17.9 -1.1
KURK					comp=Z,6.0nm,1.2s	pmax pmax
KURK	Kurchatov	43.24 312			P p	11 53 17.7 -1.3
MTN	Mannton Dam	44.32 181			I Amb I Amb	11 53 26.6 -1.3
MTN					comp=Z,13nm,0.9s	P p
UGM	Wanagama	44.37 211			P p	11 53 26.5 -1.9
LEM	Lembang	44.77 215			P p	11 53 34.1 +2.3
LEM					comp=Z,32nm,1.0s	pmax pmax
NR1K	Noti'sk	45.10 340			P p	11 53 32.2 -1.4
NR1K					comp=Z,3.8nm,0.4s,baz=142,slow=4.1,SNR=4.4	LR LR
NR1K					comp=Z,236nm,18.4s,baz=134,slow=38	LR LR

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KSH	Kashi	45.44 296			eP p	11 53 39.5 +2.6
KSH					pP pP	11 53 45.9 -1.8
KSH					sP sP	11 53 49.7 -2.6
KSH					PcP S	11 55 19.4 +3.8
KSH					S pmax	12 00 18.8 +2.9
KSH					comp=Z,100nm,6.3s	LR LR
KSH					comp=Z,77nm,8.1s	LR LR
KSH					comp=Z,78nm,12.8s	LR LR
KSH					comp=Z,480nm,15.1s	LR LR
AAK	Ala-Archa	46.16 301			eP pmax	11 53 42.4 -0.2
AAK					comp=Z,4.0nm,1.3s	pmax pmax
AAK	Ala-Archa	46.16 301			P p	11 53 41.1 -1.4
BRVK	Borovoye	48.52 315			i P	11 53 59.9 -0.7
BRVK					comp=Z,4.0nm,0.5s	pmax pmax
BRVK	Borovoye	48.52 315			P I Amb I Amb	11 54 00.4 -0.2 11 54 00.8
BRVK					comp=Z,5.4nm,0.6s	pmax pmax
KK31	Kararay Array	49.01 302			P pmax	11 54 03.7 -0.8
KK31					comp=Z,9.0nm,1.4s	pmax pmax
KK31	Kararay Array	49.01 302			P I Amb I Amb	11 54 03.7 -0.8 11 54 04.9
KK31					comp=Z,9.4nm,1.4s	pmax pmax
KKAR	Kararay Array	49.01 302			P p	11 54 03.6 -0.9
KKAR					comp=Z,9.4nm,1.4s	pmax pmax
KKAR	Kararay Array	49.01 302			P I Amb I Amb	11 54 03.6 -0.9 11 54 04.9
GAR	Garm	49.85 296			P I Amb I Amb	11 54 09.7 -1.5 11 54 11.6
FITZ	Fitzroy Crossi	49.90 188			P I Amb I Amb	11 54 11.3 -0.1 11 55 07.4
FITZ					comp=Z,9.0nm,1.4s	pmax pmax
WRAB	Tennant Creek	51.42 177			eP pmax	11 54 25.6 +2.7
WRAB					comp=Z,18nm,3.6s	pmax pmax
WR1	Warramunga Arr	51.43 177			P I Amb I Amb	11 54 23.8 +0.8
WR1					comp=Z,0.5nm,0.8s	pmax pmax
WRA	Warramunga Arr	51.43 177			P p	11 54 23.8 +0.8
WRA					comp=Z,0.8nm,0.6s,baz=354,slow=7.9,SNR=12	P p
CTAO	Charters Tower	53.35 163			P pmax	11 54 38.7 +1.5
CTAO					comp=Z,7.0nm,1.6s	pmax pmax
AS31	Alice Springs	55.12 178			P p	11 54 48.3 -1.7
ASAR	Alice Springs	55.12 178			P p	11 54 51.5 +1.5
ASAR					comp=Z,9.0nm,0.5s,baz=12,slow=9.3,SNR=20	P p
ASAR	Alice Springs	55.12 178			P p	11 54 49.8 -0.2
ARU	Arti	55.15 320			i P	11 54 48.7 -1.2
ARU					S S	12 02 30.3 +0.2
ARU					S S	12 06 07.0 -7.0
ARU					comp=Z,5.0nm,0.8s	pmax pmax
ARU	Arti	55.15 320			P I Amb I Amb	11 54 48.9 -1.0 11 54 49.1
ARU					comp=Z,4.1nm,0.6s	pmax pmax
IMAR	Indian Mountain	55.17 29			P p	11 54 46.5 -3.4
ABKAR	Abkulk array	55.32 311			P p	11 54 50.4 -0.9
ABKAR	Abkulk array	55.32 311			P p	11 54 50.6 -0.6
OHAK	Old Harbor	55.95 39			P p	11 54 56.9 +1.3
PPLA	Purkaypile	55.96 32			P p	11 54 55.5 -0.4
KDK	Kodiak Island	56.26 39			i P	11 54 59.4 +1.6
KDK					comp=Z,1.45nm,18.4s,baz=242,slow=39	P p
TOLK	Toolik Lake Re	56.73 25			I Amb I Amb	11 55 03.9 +2.8 11 56 33.4
TOLK					comp=Z,29nm,1.7s	pmax pmax
BRLK	Bradley Lake	56.89 36			P p	11 55 02.5 +0.1
PMR	Palmer	57.52 34			P pmax	11 55 06.9 +0.2
PMR					comp=Z,1.3nm,1.1s	P p
PMR	Palmer	57.52 34			P I Amb I Amb	11 55 06.9 +0.2 11 55 26.4
IL31					comp=Z,13nm,1.1s	P p
IL31					58.12 30	11 55 11.7 +0.9 11 55 12.6
ILAR						

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LHI Lord Howe Isla, MXZ Matakaoa Point, ARMA Armadale, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FITZ Fitzroy Crossi, COEN Coen, COEN Coen, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H08N3 Diego Garcia H, H08N2 Diego Garcia H, WAKE Wake Island, etc.

LOHW	Long Hollow	130.80	71	IAMS_20	IAMS_20	14 54 06.5
BALM	Baldy	130.81	37	IAMS_20	IAMS_20	14 46 58.8
MOOV	Moose Ponds	130.83	71	IAMS_20	IAMS_20	14 54 17.3
MWOW						
BCPM	Bancas Point	130.84	39	IAMS_20	IAMS_20	14 46 48.7
IMW	Indian Meadow	130.85	70	IAMS_20	IAMS_20	14 54 40.7
MCARA	McCarthy VSAT	130.87	36	IAMS_20	IAMS_20	14 46 12.3
DHY	Denali Highway	130.92	33	IAMS_20	IAMS_20	14 45 56.5
MCK	McKinley	131.02	31	IAMS_20	IAMS_20	14 49 38.9
RWWY	Rawlins	131.06	75	IAMS_20	IAMS_20	14 52 04.4
TIXI	Tiksi	131.07	352	IAMS_20	IAMS_20	15 00 30.4
CTGM	Chitina Glacie	131.07	37	IAMS_20	IAMS_20	14 46 55.7
SC01	Santiago de lo	131.10	126	IAMS_20	IAMS_20	14 47 37.6
FLWY	Flagg Ranch	131.10	70	IAMS_20	IAMS_20	14 54 56.4
N23A	Red Feeder La	131.11	77	IAMS_20	IAMS_20	14 45 46.7
NEW	Newport	131.11	62	IAMS_20	IAMS_20	14 54 50.2
DLMT	Dillon	131.12	68	IAMS_20	IAMS_20	14 49 22.8
MAK	Makhachkala	131.19	287	eP	Pdif	13 55 52.0 -6.3
MAK				MLR	MLR	
BWN	Browne	131.23	31	IAMS_20	IAMS_20	14 49 35.6
U32A	Winter Ranch	131.26	86	IAMS_20	IAMS_20	14 45 10.6
JIS	Juneau Island	131.36	43	IAMS_20	IAMS_20	14 51 26.9
PAX	Paxson	131.38	34	IAMS_20	IAMS_20	14 46 27.6
KSCO	Kaye Shedlock	131.38	81	IAMS_20	IAMS_20	14 47 12.1
RDOG	Red Dog Mine	131.39	22	IAMS_20	IAMS_20	14 47 52.9
H17A	Grant Village	131.39	70	IAMS_20	IAMS_20	14 55 58.1
BESE	Bessie Mountai	131.42	43	IAMS_20	IAMS_20	14 51 26.4
MLY	Manley	131.59	29	IAMS_20	IAMS_20	14 51 19.9
NEA	Nenana	131.65	31	IAMS_20	IAMS_20	14 47 50.2
SJG	San Juan	131.75	132	IAMS_20	IAMS_20	15 07 57.4
X37A	Clayton	131.76	91	IAMS_20	IAMS_20	14 51 24.1
WRH	Wood River Hill	131.83	31	IAMS_20	IAMS_20	14 45 12.4
MENT	Mentasta	131.86	34	IAMS_20	IAMS_20	14 45 17.5
SKAG	Skagway	131.91	42	IAMS_20	IAMS_20	14 45 54.3
CCB	Clear Creek Bu	132.05	81	IAMS_20	IAMS_20	14 50 39.1
JTMT	Jette	132.05	65	IAMS_20	IAMS_20	14 50 38.3
Z41A	Richland Creek	132.05	94	IAMS_20	IAMS_20	14 52 44.8
AKH	Akhalkalaki	132.06	283	IAMS_20	IAMS_20	14 52 05.9
061Z	Choppi	132.06	111	IAMS_20	IAMS_20	14 46 56.1
GAZ	Gaziantep	132.10	274	IAMS_20	IAMS_20	14 51 24.9
K22A	Casper	132.12	75	IAMS_20	IAMS_20	14 47 01.3
HYY	Haines Junctio	132.19	39	IAMS_20	IAMS_20	14 45 25.6
COLA	College	132.21	31	IAMS_20	IAMS_20	14 51 14.4
WLAR	White Oak Lake	132.23	93	IAMS_20	IAMS_20	14 54 03.4
DOT	Dot Lake	132.31	34	IAMS_20	IAMS_20	14 47 07.2
SABA	Saba	132.38	136	IAMS_20	IAMS_20	14 51 31.9
IL31	Eielson Array	132.39	31	PKIKP	PKIKP	13 59 08.2 -0.7
ILAR	Eielson Array	132.39	31	PKIKP	PKIKP	13 59 08.2 -0.8
ILAR	Eielson Array	132.39	31	PKIKP	PKIKP	13 59 08.7 -0.3
ILAR	Eielson Array	132.39	31	PKIKP	PKIKP	13 59 08.7 -0.3
CSS	Mathiatis	132.41	269	IAMS_20	IAMS_20	14 52 40.4
BLM	Beaver Creek A	132.53	35	PKP	PKP	13 59 08.1 -0.2
RCAR	Red Lodge	132.56	70	IAMS_20	IAMS_20	15 02 30.0
TUL1	Leonard	132.56	89	IAMS_20	IAMS_20	14 48 35.3
SCRK	Sand Creek	132.58	33	IAMS_20	IAMS_20	14 47 25.6
CBKS	Cedar Bluff	132.72	83	IAMS_20	IAMS_20	14 48 26.5
SMRT	St. Maarten	132.84	136	IAMS_20	IAMS_20	14 41 35.0
059A	Moore Haven	132.86	110	IAMS_20	IAMS_20	14 50 00.5
ANWB	Willy Bob	132.95	138	IAMS_20	IAMS_20	14 54 21.3
X40A	Basin Creek Fa	133.00	93	IAMS_20	IAMS_20	14 53 19.8
W39A	Magazine	133.05	91	IAMS_20	IAMS_20	14 50 02.3
DLBC	Dease Lake	133.06	45	IAMS_20	IAMS_20	14 51 39.8
OGNE	Ogallala	133.13	80	IAMS_20	IAMS_20	14 50 10.3
WALA	Waterton Lakes	133.16	64	IAMS_20	IAMS_20	14 55 56.6
060A	Indiantown	133.30	111	IAMS_20	IAMS_20	14 48 05.0
PRP	Porcupine Dome	133.34	31	IAMS_20	IAMS_20	14 51 08.1
UALR	University of	133.47	93	IAMS_20	IAMS_20	14 53 52.4
DWPF	Disney Wildern	133.67	109	IAMS_20	IAMS_20	14 50 46.0
HHAR	Hobbs	133.81	90	PKIKP	PKIKP	13 59 12.4 -0.4
HHAR				IAMS_20	IAMS_20	14 54 25.3
W41B	Gary Mavity, V	133.83	93	IAMS_20	IAMS_20	14 54 11.9
WHAR	Woolly Hollow	133.90	93	IAMS_20	IAMS_20	15 02 48.7
DAWY	Dawson	134.00	35	IAMS_20	IAMS_20	14 48 54.9
EGAK	Eagle	134.00	34	IAMS_20	IAMS_20	14 48 09.9
KBZ	Khabaz	134.05	285	PKP	PKP	13 59 11.5 -0.1
656A	Wiliston	134.17	107	IAMS_20	IAMS_20	14 51 42.2
KYU	Fort Yukon	134.21	30	IAMS_20	IAMS_20	14 51 57.2
KIV	Kislovodsk	134.32	285	iPKIKP	PKIKP	13 59 13.9 +0.2
KIV				ePS	PS	14 12 00.9 -3.4
KIV				eSS	SS	14 19 30.8 -3.7
KIV				eSSS	SSS	14 24 28.0
KIV				pmax	pmax	
KIV				MLR	MLR	
KIV				IAMS_20	IAMS_20	14 55 45.7
EGMT	Eagleton	134.39	67	IAMS_20	IAMS_20	14 54 44.4
U40A	Yellville	134.43	91	PKIKP	PKIKP	13 59 13.3 -0.7
U40A				IAMS_20	IAMS_20	14 58 04.7
RSSD	Black Hills	134.43	75	IAMS_20	IAMS_20	14 48 26.6
FCAR	Ozark Folk Cen	134.45	92	IAMS_20	IAMS_20	14 48 44.2

KSU1	Kansas State U	134.55	86	IAMS_20	IAMS_20	14 56 45.9
TOLK	Toolk Lake Re	134.72	27	IAMS_20	IAMS_20	14 52 11.4
LCAR	Lake Charles	135.09	93	IAMS_20	IAMS_20	14 49 12.2
LAO	LASA Array	135.17	71	IAMS_20	IAMS_20	14 57 29.0
MGMO	Mountain Grove	135.34	91	IAMS_20	IAMS_20	14 59 04.8
BGNE	Belgrade	135.46	82	IAMS_20	IAMS_20	14 53 27.9
ARU	Arti	135.62	307	PKP	PKP	13 59 13.7 -0.5
ARU	Arti	135.62	307	iPKIKP	PKIKP	13 59 17.8 +2.1
ARU				MLR	MLR	14 01 54.0
ARU	Arti	135.62	307	IAMS_20	IAMS_20	15 00 00.4
TAM	Tamnarasset	135.70	231	IAMS_20	IAMS_20	14 58 07.9
PLAL	Pickwick Lake	135.84	97	PKIKP	PKIKP	13 59 16.4 -0.5
BR10	Reskin Array S	135.86	274	PKIKP	PKIKP	13 59 16.8 -0.2
BRTR	Reskin Array B	135.86	274	PKP	PKIKP	13 59 16.8 -0.2
HALT	Halls	135.90	95	IAMS_20	IAMS_20	14 56 27.6
X48A	Hartselle	135.96	98	IAMS_20	IAMS_20	14 53 50.9
LNXT	Lenox	135.97	94	IAMS_20	IAMS_20	15 09 39.4
ISP	Isparata	136.06	269	IAMS_20	IAMS_20	14 55 29.3
KARP	Karpathos	136.06	264	IAMS_20	IAMS_20	15 06 33.7
PARMO	Parma	136.27	94	IAMS_20	IAMS_20	14 58 33.2
255A	Hazelhurst	136.27	105	IAMS_20	IAMS_20	14 51 02.1
ANTO	Ankara	136.41	273	IAMS_20	IAMS_20	14 54 25.9
EPYK	Eagle Plains	136.43	34	IAMS_20	IAMS_20	14 49 45.3
HICK	Hickory	136.44	94	IAMS_20	IAMS_20	14 58 42.9
HENM	Henderson Moun	136.45	94	IAMS_20	IAMS_20	14 54 24.1
154A	Mintrose	136.51	104	IAMS_20	IAMS_20	14 51 40.3
CCM	Cathedral Cave	136.55	91	IAMS_20	IAMS_20	14 52 34.9
WVT	Waverly	136.85	96	IAMS_20	IAMS_20	14 52 53.7
FVM	French Village	136.92	92	IAMS_20	IAMS_20	14 58 27.6
GOGA	Godfrey	136.96	103	IAMS_20	IAMS_20	15 00 47.4
V48A	Smith Brothers	137.07	97	IAMS_20	IAMS_20	15 01 41.4
SUSD	Miller	137.22	78	IAMS_20	IAMS_20	14 54 29.6
SIUC	Southern Ilin	137.34	93	IAMS_20	IAMS_20	14 42 29.5
DGMT	Dagmar	137.39	71	IAMS_20	IAMS_20	14 57 58.8
W50A	Signal Mountai	137.43	99	IAMS_20	IAMS_20	15 12 55.8
SLM	Saint Louis	137.51	91	IAMS_20	IAMS_20	14 53 44.3
ANN	Anapa	137.57	282	iPKIKP	PKIKP	13 59 34.8 +1.5
VRI	Vrinicia	137.57	282	pmax	pmax	
SANT	Santorini	137.57	263	IAMS_20	IAMS_20	15 12 10.8
CLTN	Cedars of Leba	137.59	97	PKP	PKP	13 59 19.2 +0.7
T47A	Sharon Grove	137.88	96	IAMS_20	IAMS_20	15 05 38.1
ECSD	EROS-2a Cent	137.92	81	IAMS_20	IAMS_20	14 51 09.0
CPCT	Cooper Cave	138.03	100	PKP	PKP	13 59 20.2 +0.9
HODG	Hodges	138.22	103	IAMS_20	IAMS_20	14 53 17.3
USIN	University of	138.34	94	IAMS_20	IAMS_20	14 55 22.0
SCIA	State Center	138.37	86	IAMS_20	IAMS_20	14 55 49.9
BG3	Lake Joacesse	138.48	102	IAMS_20	IAMS_20	15 14 45.6
P43A	Skaggs, Pawnee	138.63	91	IAMS_20	IAMS_20	15 04 42.9
INK	Inuvik	138.65	33	PKP	PKIKP	13 59 20.9 -0.7
OLL	Olney	138.69	93	IAMS_20	IAMS_20	15 01 13.5
N41A	Harden Midland	138.72	89	IAMS_20	IAMS_20	14 49 45.2
BALB	Baldwin	138.79	269	IAMS_20	IAMS_20	14 57 21.9
V53A	Saluda	139.07	101	IAMS_20	IAMS_20	15 10 03.2
MNDN	Meadow	139.24	74	IAMS_20	IAMS_20	14 56 15.9
WCI	Wyandotte Cave	139.24	95	IAMS_20	IAMS_20	15 15 22.0
TZTN	Tazewell	139.37	100	IAMS_20	IAMS_20	14 58 09.3
HDIL	Hopedale	139.42	90	IAMS_20	IAMS_20	14 55 12.8
L40A	Anamosa	139.51	87	IAMS_20	IAMS_20	14 52 52.1
044A	Mansfield	139.55	91	IAMS_20	IAMS_20	14 54 43.2
BLO	Bloomington	139.83	94	IAMS_20	IAMS_20	15 09 09.9
ITM	Ithom	140.01	261	IAMS_20	IAMS_20	15 07 17.2
V55A	Taylorville	140.02	102	IAMS_20	IAMS_20	15 12 54.5
W57A	Gilead	140.09	104	IAMS_20	IAMS_20	14 54 10.2
U54A	Nelsons Funny	140.24	101	IAMS_20	IAMS_20	15 16 01.1
R50A	Paris	140.37	97	IAMS_20	IAMS_20	14 59 13.8
SFIN	Lafayette	140.43	92	IAMS_20	IAMS_20	15 08 45.4
P48A	Milroy	140.61	95	IAMS_20	IAMS_20	15 00 38.3
JFWS	Jewell Farm	140.62	87	IAMS_20	IAMS_20	14 53 44.6
M44A	Midewin, Midew	140.67	90	IAMS_20	IAMS_20	15 02 53.9
SPMN	Marine St.	140.91	82	IAMS_20	IAMS_20	14 51 22.3
VSR	Storozhevo	141.00	290	ePKIKP	PKIKP	13 59 25.9 -1.0
VSR				pmax	pmax	
V58A	Windy Hill, Pi	141.05	93	IAMS_20	IAMS_20	15 15 29.2
AGG	Agios Georgios	141.20	263	IAMS_20	IAMS_20	14 59 09.9
CNNO	Climax	141.21	106	IAMS_20	IAMS_20	14 51 56.7
Q51A	Peebles	141.36	97	IAMS_20	IAMS_20	15 02 46.0
AGMN	Agassiz Natio	141.72	76	IAMS_20	IAMS_20	14 54 48.5
K43A	Burlington	141.47	89	IAMS_20	IAMS_20	14 51 39.9
YKA	Yellowknife Ar	141.50	48	PKP	PKIKP	13 59 26.8 -0.7
YKRB	Yellowknife Ar	141.50	48	PKIKP	PKIKP	13 59 26.8 -0.7
R53A	Hurricane	141.56	99	IAMS_20	IAMS_20	15 13 51.6
I41A	Arkdale	141.62	86	IAMS_20	IAMS_20	14 59 55.0
049A	Covington	141.72	95	IAMS_20	IAMS_20	15 03 39.6
P51A	Williamsport	141.85	97	IAMS_20	IAMS_20	15 15 41.1
T57A	Hurt	141.91	103	IAMS_20	IAMS_20	14 53 30.8
LIT	Litokhoron	141.92	264	IAMS_20	IAMS_20	15 04 29.9

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like Pennsylvania G, Moldova, Bucovina Array, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like ZCCA Zocca, PABE Paberze, VSU Vasula, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like CLL, CLM, E3BA, etc.

ISCJB 08 13:49:59.0 ± 0.39; 77N; 0°03:141.88E; 0.07, h67km, 3km, mb3.9/1.4, Error ellipse: s-maj=9.5km, s-min=4.9km, az=9.8

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

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

DDA 08 14:07:23.9, 40.95N, 42.60E, h7km, 3km, ML2.7
TIF 08 14:07:23.5, 40.90N, 42.59E, h15km, 3km
ISC 08 14:07:24.1, 40.91N, 0.03, 42.59E, 0.03, h18km, 6km, n16, c052/27, Turkey

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

ISC 08 14:32:54.2, 1.3, 38.93N, 142.70E, h0km, mb3.5/4, mb1 3.7/7, mb1mx3.5/40, mbtmp3.6/7, ML3.2/3, Error ellipse: s-maj=34.1km s-min=19.4km az=100.8

JMA 08 14:32:58.9, 0.1, 38.97N, 142.43E, h32km, 2km, M3.7 JMA Feit 1 J1

ISC 08 14:32:55.2, 0.38, 38.93N, 142.62E, 0.07, h13km, 11km, n26, c29/34, mb3.5/4, Near east coast of eastern Honshu

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

ISCJB 08 14:36:19.1, 0.7, 20.06N, 0.05, 146.8E, 0.1, h40km, Error ellipse: s-maj=19.1km s-min=6.2km az=170.0

NEIC 08 14:36:22.4, 2.4, 20.09N, 0.08, 146.8E, 0.1, h57km, 10km, mb4.5/6

ISC 08 14:36:23.8, 5.1, 19.92N, 146.35E, h51km, 31km, mb3.3/6, mb1 3.7/8, mb1mx3.4/39, mbtmp4.0/8, ML4.6/3, Error ellipse: s-maj=98.9km s-min=12.5km az=83.0

ISC 08 14:36:21.0, 0.9, 20.05N, 0.06, 146.8E, 0.2, h40km, n26, c151/23, Mariana Islands region

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

ISC 08 14:50:24.9, 48.0, 5.28S, 105.29E, h0km, mb3.4/3, mb1 3.9/3, mb1mx3.9/30, mbtmp3.4/3, Error ellipse: s-maj=85.0km s-min=22.9km az=141.0, Sunda Strait

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

ISC 08 14:56:07.1, 1.5, 13.25N, 87.50W, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.7/34, mbtmp3.8/5, ML3.0/2, MS4.3/3, Ms1 4.3/3, ms1mx3.4/35, Error ellipse: s-maj=70.0km s-min=25.6km az=48.0

ISCJB 08 14:56:02.0, 5.2, 12.20N, 0.05, 88.44W, 0.04, h35km, mb3.7/4, Error ellipse: s-maj=7.4km s-min=5.3km az=31.6

NEIC 08 14:56:11.4, 1.3, 12.32N, 0.10, 88.38W, 0.07, h47km, 12km, mb4.4/23

SNET 08 14:56:14.7, 1.8, 12.65N, 88.61W, h36km, 6km, ML3.2

ISC 08 14:56:10.0, 0.7, 12.29N, 0.06, 88.47W, 0.05, h35km, n61, c193/64, mb4.3/14, 7C-17, Off coast of central America

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

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

SJA 08 15:03:31.3, 0.8, 21.91S, 68.52W, h115km, 6km, ML3.3, MW3.4

ISCJB 08 15:03:33.1, 1.2, 22.02S, 0.04, 68.72W, 0.09, h123km, 10km, Error ellipse: s-maj=13.8km s-min=6.8km az=179.8

GUC 08 15:03:33.6, 0.4, 22.00S, 68.73W, h114km, 3km, ML3.1

ISC 08 15:03:33.9, 1.8, 22.01S, 0.04, 68.62W, 0.07, h10km, 5km, n20, c08/83, 3C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09, LVC, PB03, etc.

MAN 08 15:11:58.7, 13.73N, 120.58E, h111km, mb3.5, ML2.2, MS1.6, 1D, Mindoro

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

NNC 08 15:33:24.4, 6.9, 38.15N, 69.77E, h0km, mb3.8, mpv3.4, 2C-2D, Error ellipse: s-maj=63.2km s-min=31.4km az=174.0, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31, TKM2, etc.

SJA 08 15:34:53.2, 0.7, 20.66S, 69.02W, h123km, 6km, ML3.6, MW3.6

ISCJB 08 15:34:54.9, 0.6, 20.67S, 69.00W, h104km, 3km, ML3.6

GUC 08 15:34:54.9, 0.6, 20.67S, 69.00W, h104km, 3km, ML3.6

ISC 08 15:34:56.0, 1.8, 20.67S, 0.04, 69.02W, 0.08, h104km, 13km, n19, c08/53, 7C-4D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08, PB01, etc.

MAN 08 17:05:04.0,6'60N,124'01E,h24km,mb3.6,ML2.3,MS1.7,1D,Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for Cotabato-PC H.

IDC 08 17:12:49.0,1.4,11'73N,57'73E,h0km,mb3.8/10,mb1.3/9.12,mb1mx3.6/5.7,mbtrmp3.8/12,ML3.9/2,MS3.1/1,MS1.3/1.1,ms1mx2.5/4.0,Error ellipse: s-maj=35.6km s-min=18.5km az=146.0

ISCJB 08 17:12:49.6,0.8,11'8N,0'1:57:67E,0'08,h14km,mb3.7/10,Error ellipse: s-maj=15.9km s-min=9.6km az=150.8

NEIC 08 17:12:49.4,1.9,11'6N,0'1:57:7E,0'1,1h5km,3km,mb4.1/10

ISC 08 17:12:51.1,1.0,11'7N,0'1:57:7E,0'1,h14km,n37,+0594/34,mb4.0/15,Own Fracture Zone region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for WSAR Wadi Sarin, WSAR, UOSS Minazif, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for BSAR Akbulak array, BSAR, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, CMAR, MAKZ Makanchi, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, MKAR, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ZALV Zalesovo Beam, ZALV, ZAAI Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for TOAI Torodi Arr, TOAI, FIAO FINESS Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for FINES FINESS Array B, FINES, ESCD Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 17:19:02.5,0.7,6'72S,0'08,154'93E,0'06,h56km,mb3.6/7,Error ellipse: s-maj=11.5km s-min=8.0km az=25.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 17:19:03.2,0.6,6'66S,154'98E,h46km,17km,mb3.4/7,mb1.3/7.10,mb1mx3.5/3.1,mb1mp3.7/10,ML3.4/2,MS3.3/2,MS1.3/2,ms1mx2.9/16,Error ellipse: s-maj=18.9km s-min=11.4km az=54.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 17:19:04.3,0.7,6'66S,154'97E,0'08,h56km,n12,+085/16,mb3.6/7,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for KRVT Keravat (AS076), KRVT, PMG Port Moresby, etc.

Table with columns: AAK Ala-Archa, AAK, KBK Karagaybulak, FRU1 Bishkek, ULHL Ulahol, etc.

Table with columns: KK31 Karatay Array, KK31, CHMS Chumysh, TKM2 Tokmak 2, TKM2, USP Ospanovka, DANN Dangsing, etc.

Table with columns: KOLN Koldanda, GKN Gorkha, KKN Kakani, DMN Daman, AB31 Akbulak array, PKIN Pulchoki, etc.

Table with columns: GUN Gumba, JIRN Jiri, RAMN Ramit, AKTO Aktyubinsk, TAPN Tapeleing, etc.

Table with columns: ODAN Odare, IDC 08 17:44:14.2,437.0,55'13N,0'48E,h0km,Error ellipse: s-maj=326.6km s-min=188.7km az=118.0,North Sea Kingdom

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for I26DE FREYUNG INFRASO, I48TN KESRA INFRASO, I43RU DUBNA INFRASO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for IDC 08 17:54:44.1,485.0,54'39N,0'00W,h0km,Error ellipse: s-maj=356.7km s-min=189.1km az=115.0,United Kingdom

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for I26DE FREYUNG INFRASO, I48TN KESRA INFRASO, I43RU DUBNA INFRASO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for TORO Torodi Arr, GERES GERESS Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 18:28:32.1,0.3,6'14S,0'03:147'44E,0'04,h77km,mb4.4/26,Error ellipse: s-maj=5.7km s-min=4.3km az=4.2

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 18:28:34.8,1.2,6'18S,147'47E,h88km,10km,mb4.1/1.6,mb1.4/2.23,mb1mx4.1/3.8,mbtmp4.5/23,MS3.5/6,MS1.3.5/6,ms1mx3.3/3.0,Error ellipse: s-maj=13.1km s-min=9.2km az=104.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for BUJ BUJ 08 18:28:34.8,0.0,5'89S,147'22E,h78km,mb4.6/24,mb5.1/18,MS4.9/5,MS7.4/8/3

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes entries for ISCB 08 18:28:35.0,2.5,6'53S,147'7E,h93km,4km,M4.9/31,mb5.2/6,mb4.8/31,MLV5.2/4,MV(mb)4.6/6

Table with columns: FAKI comp=2.85nm,1.4s, SIJI Sorong, MSAN Masani, MSAT Masohi, etc.

Table with columns: WRAB Tennant Creek, WRI Warramunga Arr, WRI Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: WRA comp=2.0,2nm,0.3s,baz=48,slo=11,SNR=69, WRA comp=2.0,2nm,0.3s,baz=28,slo=2.1,SNR=4.0, etc.

Table with columns: AAI Ambon, EIDS Eidsvold, GUMO Guam, NLAJ Kunurra, KNRA Kunurra, etc.

Table with columns: AS31 Alice Springs, AS31, ASAR Alice Springs, ASAR, ASAR, ASAR, etc.

Table with columns: ASAR Alice Springs, SANI Sanana, SOEI Soe, SOEI, SOEI, SOEI, etc.

Table with columns: SOEI, SOEI, SOEI, SOEI, SOEI, SOEI, etc.

Table with columns: ARMA Armadale, ARMA, MMRI Maumere, MMRI, LUWI Luwuk, EDFI Ende, STKA Stephens Creek, etc.

Table with columns: STKA Stephens Creek, BKSI Bulukumba, BNSI Bone, KAPI Kappang, TTSI Tana Toraja, etc.

Table with columns: BBOO Buckleboe, CAN Canberra, FORT Forrest, PSAAO Pilbara Seismi, PSAAO Pilbara Seismi, etc.

Table with columns: H11S WAKE ISLAND Hy 31.06 37, H11S WAKE ISLAND Hy 31.07 37, H11S WAKE ISLAND Hy 31.08 37, etc.

Table with columns: H11S WAKE ISLAND Hy 32.14 36, JAGI Jajag, MORW Morawa, MORW, NWAO Narogin (SRO), YOJ Yanoguni jima, YULB Yu-li, etc.

Table with columns: YULB, YULB, YULB, YULB, YULB, YULB, etc.

Table with columns: JNU Nakatusu, TUWZ Tuamarina, MJAR Matsushiro, MAJO Matsushiro, MAJO, MAJO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LNSS, RUMI, GUMA, BRUN, DUGI, etc.

ISC/JB 08 19:47:50.7, 0.4, 11.00N, 0.03, 62.42W, 0.04, h120km, 5km, mb4.0/4, Error ellipse: s-maj=7.5km s-min=4.7km az=29.8

TRN 08 19:47:52.3, 1.1, 10.00N, 62.44W, h108km, MD3.7

IDC 08 19:47:54.1, 1.6, 10.20N, 62.65W, h173km, 28km, mb3.2/3, mb1.3/4, mb1mx3.1/39, mbtmp3.8/4, Error ellipse: s-maj=65.9km s-min=17.9km az=30.0

ISC 08 19:47:50.7, 0.8, 10.96N, 0.04, 62.42W, 0.05, h117km, 8km, n33, r1940/47, mb3.7/4, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUVI, TTP, GRGR, TBH, etc.

MAN 08 20:11:43.5, 11.33N, 121.94E, h5km, mb4.6, ML3.5, MS3.3, 3C-3D, Panay

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KALP, JAP, RCP, GUIM, etc.

NIED 08 20:26:00.45, 40N, 150.60E, h50km, Mw5.2 Best double couple: M6.00000x10^16 NP1:227.00000, 840.00000, 1.25.00000, NP2:34.00000, 859.00000, 164.00000

BUII 08 20:26:17.8, 0.0, 45.23N, 150.63E, h45km, mb4.9/7.1, mb5.2/52, Ms4.9/70, Ms7.4/765

JMA 08 20:26:18.4, 0.5, 45.40N, 150.57E, h30km, Ms4.4, JMA Felt J1

NEIC 08 20:26:19.9, 1.4, 45.35N, 0.07, 150.35E, 0.10, h33km, 1km, mb5.2/477, Mw5.5, Moment Tensor Solution: Moment tensor: 0.19Nm, Mm:0.3, M2:1.1, M3:2.1; Ms1.30; Mw2.11; Mw2.51; Fault plane solution: M1:0.96000x10^16 NP1:232.96000, 828.84000, 1.06.28000, NP2:34.52000, 862.42000, 1.81.22000

SKHL 08 20:26:19.2, 0.9, 44.99N, 150.70E, h57km, 7km, mb6.0/4, mb5.7/5, Ms5.0/7, msh5.8/5

ISC/JB 08 20:26:20.3, 0.3, 45.26N, 0.02, 150.37E, 0.02, h52km, 3km, mb5.1/245, MS4.7/69, Error ellipse: s-maj=3.6km s-min=1.9km az=159.1

MOS 08 20:26:20.9, 0.9, 45.31N, 150.34E, h59km, mb5.4/90, MS4.7/23, Error ellipse: s-maj=5.2km s-min=5.1km az=136.8

GCMT 08 20:26:21.9, 0.2, 45.33N, 0.01, 150.63E, 0.02, h41km, Mw5.2/125, Moment Tensor Solution: s94, c147, s125, c213; Duration: 1s0 Moment tensor: Scale 10^17 Nm; Mm:0.73x10^17; M0:0.23x10^17; M0:0.50x10^17; M0:0.08x10^17; M0:0.42x10^17; M0:0.36x10^17; Best double couple: M0.85500x10^17 NP1:25.00000, 858.00000, 1.78.00000, NP2:34.22800, 834.00000, 1.09.00000

Principal axes: T 0.8310, Plg74.0000, Azm262.0000; N 0.0480, Plg10.0000, Azm32.0000; P -0.8790, Plg12.0000, Azm124.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 08 20:26:23.4, 1.9, 45.39N, 150.32E, h64km, 16km, mb4.4/33, Mb1.4/640, mb1mx4.5/15, mbtmp4.7/40, MS4.5/38, Ms1.4/538, ms1mx4.3/51 Error ellipse: s-maj=12.5km s-min=7.9km az=148.0

ISC 08 20:26:21.5, 0.4, 45.16N, 0.04, 150.44E, 0.03, h52km, 3km, h52km; p-P, N1585, r1919/1650, mb5.2/434, MS4.7/69, 80C-38D, Kuril Islands

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR2, SKR3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR2, SKR3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JANG, JANG2, JTM, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PEA1, JRG, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USRK, USRK2, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDJ, MDJ2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDJ, MDJ2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRSR, KRSR2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRSR, KRSR2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PBKT Sadao Pong, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ARU comp=Z,3.9nm,0.5s, etc., ARU Arti, ARU Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BMO Blue Mountains, BMO Blue Mountains, O03E Paynes Creek, etc.

8cd 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, Kasperke Hory, D53A, D53A, D53A, MDUB, I48A, BZS, LWBW, ZIMR, GECZ, GECZ, GERES, GERES, GERES, GERES, WET, GRA1, GRF, GRF, CONA, MPLH, D54A, J47A, J47A, J47A, K46A, M44A, M44A, M44A, HERR, TIH, HDIL, HDIL, HDIL, BANR, F52A, KLBO, ELND, I49A, E53A, PUNG, CWF, L46A, L46A, BAIL, K47A, TUL1, TUL1, MORH, MORH, J48A, J48A, BMRO, MDVR, BUKO, GRC1, HGN, ALGO, D55A, MOA, FOEL, FOEL, MEM, MEM, ARSA, K48A, LLW, LLW, ABTX, ABTX, P43A, P43A, TX31, TX31, TX32, TX32, TXAR, TXAR, D56A, D56A, DSB, DSB, UCC, UCC, UCC, UCC, FRGS, BEHE, BEHE, RAR, G54A, G54A, G53A, PEMO, MORW, MORW, SADO, HHR, E56A, CCM, CCM, CCM.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCM, I51A, SLM, SLM, SLM, M47A, KTD, L48A, HPIG, F55A, FUR, FUR, AAM, AAM, AAM, AAM, SFIN, SFIN, M48A, M48A, M48A, M48A, WLF, WLF, WLF, WLF, STRD, STRD, H53A, M48A, M48A, M48A, M48A, KBA, KBA, KBA, KBA, LANF, LANF, FVM, FVM, FVM, VTS, VTS, VTS, VTS, U40A, U40A, U40A, U40A, MOSL, OBKA, PLVO, PLVO, DIVS, GOLS, ZAG, IWEX, HMXN, HMXN, ALN, ALN, ALN, M49A, MYKA, J52A, P46A, N48A, L50A, E58A, ORIO, WATA, DELO, DELO, DELO, CRES, GALE, WTTA, ALFO, BFO, BFO, BFO, DRWO, W39A, W39A, W39A, H55A, MOTA.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LJU, LJU, HAPS, HAPS, BBL, ABTA, SOTA, OLIL, K52A, I55A, N49A, N49A, N49A, PLIO, BLY, BLY, BLY, BLY, JCT, JCT, JCT, TYNO, CDF, CDF, O48A, M50A, M50A, M50A, RUDO, CEY, CEY, CEY, H56A, FCAR, FCAR, G57A, S44A, SIUC, SIUC, WHTX, WHTX, WHTX, FETA, FETA, ECH, ECH, ECH, ECH, SLE, SLE, SLE, STAL, STAL, DAVA, DAVA, EZN, EZN, EZN, F59A, MGRS, PBMO, MANT, J54A, J54A, J54A, J54A, PLE, MIAR, MIAR, MIAR, MIAR, MIAR, MIAR, PECO, PECO, PECO, HTL, HTL, PMOR, SRS, SRS, SRS, SRS, G58A, RIV, O49A, O49A, O49A, O49A, M51A, MEDO, MEDO, MEDO, WHAR, WHAR, WHAR, IVA, N50A, H57A, MOF, STIP, P48A, P48A, P48A, P48A, W41B, W41B, W41B, W41B, H57A, J55A, J55A, J55A, J55A, M52A, M52A, M52A, M52A.

M52A	comp=Z,42nm,1.1s	I	Amb	I	Amb	20 38 36.6
HINF	Hinterfeld	82.05 336	eP	P	P	20 38 34.3 -1.7
HINF	comp=Z,14nm,1.2s		pmax	P	P	
CSS	Mathiatis	82.05 312	P	I	Amb	20 38 35.3 -0.9
CSS						20 38 38.6
UDBI	Udbina	82.06 329	iP	P	P	20 38 34.9 -1.3
KOME	Kotasin	82.06 326	iP	P	P	20 38 35.1 -1.1
KNT	Kendrikon	82.07 323	P	P	P	20 38 35.9 -0.3
KNT			pmax	P	P	
VAY	Valandovo	82.08 323	iP	P	P	20 38 36.1 -0.1
VAY	Valandovo	82.08 323	P	P	P	20 38 36.4 +0.2
VAY						
USIN	comp=Z,87nm,1.1s	82.09 43	P	P	P	20 38 36.1 -0.3
USIN						20 38 37.5
PARMO	Parma	82.10 45	P	P	P	20 38 36.3 -0.1
PVY	Plav	82.10 325	iP	P	P	20 38 35.6 -0.9
N51A	Ashland	82.12 38	P	P	P	20 38 36.0 -0.5
N51A	Ashland	82.12 38	P	P	P	20 38 35.3 -1.1
ERPA	Erie	82.13 35	P	P	P	20 38 36.1 -0.4
ERPA	Erie	82.13 35	P	P	P	20 38 35.8 -0.7
ERPA						20 38 37.4
F61A	St Evariste	82.15 28	P	P	P	20 38 36.1 -0.4
L53A	Girard	82.15 36	P	P	P	20 38 36.2 -0.4
CTI	Castel Tesino	82.16 332	P	P	P	20 38 34.8 -1.9
CTI						
CTI	comp=Z,18nm,0.8s	82.16 332	P	I	Amb	20 38 34.8 -1.9
CTI						20 38 36.3
O50A	Cable	82.21 39	P	P	P	20 38 36.5 -0.4
X40A	Basin Creek Fa	82.21 48	P	P	P	20 38 37.0 0.0
X40A	Basin Creek Fa	82.21 48	P	P	P	20 38 37.3 +0.3
X40A						20 38 38.2
P49A	Miami Univ. 1c	82.21 40	P	P	P	20 38 36.5 -0.4
Q48A	North Vernon	82.23 41	P	P	P	20 38 36.8 -0.3
K54A	Basiliko Farm,	82.24 34	P	P	P	20 38 36.5 -0.6
UALR	University of	82.25 48	P	P	P	20 38 37.1 -0.1
UALR						20 38 37.6
KJUV	Kljevo	82.28 328	iP	P	P	20 38 36.2 -1.0
I57A	Carthage	82.28 32	P	P	P	20 38 36.5 -0.7
L54A	Sinclairville	82.31 35	P	P	P	20 38 37.1 -0.3
NVLJ	Novaja	82.35 330	iP	P	P	20 38 35.8 -1.8
NKME	Niksic	82.38 326	iP	P	P	20 38 36.1 -1.6
H59A	Cadyville	82.39 30	P	P	P	20 38 36.9 -0.9
K55A	Perry	82.39 34	P	P	P	20 38 37.3 -0.6
J56A	Wolcott	82.39 33	P	P	P	20 38 37.2 -0.5
J56A	Wolcott	82.39 33	P	I	Amb	20 38 37.2 -0.5
J56A						20 38 38.1
BRY	Bratogost	82.40 327	eP	P	P	20 38 36.4 -1.7
BRY	Bratogost	82.40 327	iP	P	P	20 38 36.3 -1.8
H58A	Gabriels	82.41 31	P	P	P	20 38 37.4 -0.6
435B	Jarell	82.41 54	P	P	P	20 38 38.3 +0.2
435B						20 38 49.7
M53A	W Miller and	82.41 36	P	P	P	20 38 37.9 0.0
ACS0	Alum Creek Sta	82.42 38	P	P	P	20 38 37.7 -0.3
ACS0	Alum Creek Sta	82.42 38	P	I	Amb	20 38 37.7 -0.3
ACS0						20 38 38.9
WVNY	West Valley, N	82.45 34	P	P	P	20 38 37.5 -0.6
WVNY						20 38 38.9
MMNY	Mt. Morris Dam	82.45 34	P	I	Amb	20 38 37.5 -0.6
MMNY						20 38 38.5
ALLY	Alegheny Colle	82.45 36	P	P	P	20 38 38.1 -0.1
ALLY						20 38 39.2
GRG	Griva	82.45 323	P	P	P	20 38 37.9 -0.3
GRG						
G60A	Masonville	82.47 29	P	P	P	20 38 37.5 -0.6
POI	Presque Isle	82.47 26	P	P	P	20 38 37.8 -0.3
LOMF	Lomont	82.48 336	0	P	P	20 38 38.3 0.0
THE	Thessaloniki	82.48 322	P	P	P	20 38 38.1 -0.2
N52A	comp=Z,26nm,1.1s	82.50 37	P	P	P	20 38 37.9 -0.6
BATG	Bathurst New B	82.51 24	P	P	P	20 38 38.3 -0.1
BATG						20 38 40.1
PDG	Podgorica	82.52 326	iP	P	P	20 38 37.5 -0.9
PDG	Podgorica	82.52 326	iP	P	P	20 38 37.8 -0.7
PDG						20 38 38.8
PDG	Podgorica	82.52 326	P	P	P	20 38 37.4 -1.1
TTG	Podgorica	82.52 326	iP	P	P	20 38 37.6 -0.9
WCI	Wyandotte Cave	82.53 42	P	P	P	20 38 38.5 -0.1
WCI	Wyandotte Cave	82.53 42	P	P	P	20 38 38.4 -0.3
WCI						
WCI	comp=Z,25nm,1.1s	82.53 42	P	P	P	20 38 38.4 -0.3
WCI						20 38 39.8
CEME	Cevo	82.56 326	iP	P	P	20 38 37.5 -1.3
Q49A	Aurora	82.56 40	P	P	P	20 38 38.3 -0.5
P50A	Jamestown	82.56 39	P	P	P	20 38 38.4 -0.4
E63A	Oxbow	82.57 26	P	P	P	20 38 38.0 -0.7
E63A	Oxbow	82.57 26	P	P	P	20 38 37.9 -0.7
G61A	St-Isidore-de-	82.58 28	P	P	P	20 38 38.2 -0.6
J57A	Williamstown	82.61 32	P	P	P	20 38 38.2 -0.7
J57A	Williamstown	82.61 32	P	P	P	20 38 37.9 -1.0
TREB	Trebinje	82.63 327	eP	P	P	20 38 34.8 -4.3
O51A	Pataskala	82.65 38	P	P	P	20 38 38.7 -0.6
MAKA	Makarska	82.66 328	iP	P	P	20 38 37.4 -1.8
PHP	Penhok	82.67 325	P	P	P	20 38 38.5 -0.9
LNXT	Lenox	82.67 45	P	P	P	20 38 39.6 +0.2
WLAR	White Oak Lake	82.67 49	P	P	P	20 38 38.7 -0.8
WLAR						20 38 40.9
L55A	Hinsdale	82.70 34	P	P	P	20 38 39.0 -0.5
CCA1	Carmenellis	82.70 345	eP	P	P	20 38 39.4 +0.1
CCA1						20 38 39.8
K56A	Middlesex	82.70 33	P	P	P	20 38 39.0 -0.5
I58A	Pold Forge	82.75 31	P	P	P	20 38 39.2 -0.5
PAIG	Paliouri	82.75 322	P	P	P	20 38 39.8 +0.1
PAIG						
DRME	Dracevica, Mon	82.75 326	eP	P	P	20 38 38.9 -0.8
DRME	Dracevica, Mon	82.75 326	iP	P	P	20 38 38.9 -0.9
STON	Ston	82.75 327	iP	P	P	20 38 38.4 -1.3
STON	Ston	82.75 327	eP	P	P	20 38 39.8 +0.1
E64A	Bridgewater	82.76 26	P	P	P	20 38 39.0 -0.7
TEOL	Teolo	82.76 332	P	P	P	20 38 38.3 -1.4
M54A	Oil Creek Stat	82.77 36	P	P	P	20 38 39.4 -0.4

M54A	Oil Creek Stat	82.77 36	P	P	P	20 38 39.7 -0.2
M54A						20 38 40.7
BUM	Brajić Rudva	82.77 326	iP	P	P	20 38 39.5 -0.4
PPT	Papeete	82.80 124	LR	LR	LR	21 07 44.5
PPT2	comp=Z,433nm,21.3s	82.80 124	eS	S	S	20 48 57.0 +2.5
PPT2	comp=Z,106nm,26.2s	82.80 124	eLR	LR	LR	21 04 45.9
PPT2	comp=Z,826nm,22.5s	82.80 124	eS	S	S	20 48 57.0 +2.5
HCY	Herczeg Novi	82.81 326	eP	P	P	20 38 37.6 -2.4
HCY	Herczeg Novi	82.81 326	iP	P	P	20 38 40.2 +0.2
ZIRJ	Zirje	82.86 329	iP	P	P	20 38 38.5 -1.7
N53A	Lisbon	82.87 37	P	P	P	20 38 39.9 -0.5
N53A	Lisbon	82.87 37	P	I	Amb	20 38 39.6 -0.7
N53A						20 38 41.3
J58A	Remsen	82.92 32	P	P	P	20 38 39.8 -0.7
J58A	Remsen	82.92 32	P	P	P	20 38 39.4 -1.2
J58A						20 38 41.4
G62A	West of Eustis	82.97 28	P	P	P	20 38 40.0 -0.8
G62A	West of Eustis	82.97 28	P	P	P	20 38 40.2 -0.6
K57A	Sciolo Center	82.99 33	P	P	P	20 38 40.2 -0.7
F63A	Nahmakanta, Br	83.00 27	P	P	P	20 38 40.2 -0.7
F63A	Nahmakanta, Br	83.00 27	P	P	P	20 38 40.9 0.0
OHR	Ohrid	83.00 324	iP	P	P	20 38 40.2 -0.9
OHR	Ohrid	83.00 324	P	P	P	20 38 41.7 +0.6
O52A	comp=Z,68nm,1.0s	83.01 38	P	P	P	20 38 40.6 -0.5
O52A	Adamsville	83.01 38	P	I	Amb	20 38 41.4 +0.3
O52A	Adamsville	83.01 38	P	I	Amb	20 38 41.8
FNA	Florina	83.03 324	P	P	P	20 38 40.3 -1.0
FNA						
FNA	comp=Z,233nm,0.9s	83.03 324	P	P	P	20 38 40.3 -1.0
JSA	Saint Aubin	83.04 342	eP	P	P	20 38 40.1 -0.9
JSA						20 38 41.3
FLN	La Foliniere	83.06 341	eP	P	P	20 38 39.9 -1.3
FLN						
L56A	Greenwood	83.09 34	P	P	P	20 38 40.8 -0.7
L56A	Greenwood	83.09 34	P	P	P	20 38 41.7 +0.1
CLF	Chambon-Forêt	83.09 339	P	P	P	20 38 41.2 -0.1
F64A	Sherman	83.09 326	P	P	P	20 38 40.8 -0.6
F64A						
N54A	Moraine State	83.09 26	P	P	P	20 38 41.2 -0.2
N54A	Moraine State	83.09 26	P	P	P	20 38 41.2 -0.3
N54A	Moraine State	83.09 36	P	P	P	20 38 41.1 -0.4
H61A	Lyndonville	83.10 29	P	P	P	20 38 40.9 -0.6
Q50A	Georgetown	83.11 40	P	P	P	20 38 41.4 -0.2
J59A	Piesco	83.11 31	P	P	P	20 38 40.8 -0.8
J59A	Piesco	83.11 31	P	I	Amb	20 38 41.4 -0.2
J59A						20 39 00.3
LIT	Litokhoron	83.12 322	P	P	P	20 38 40.4 -1.3
LIT						
LIT	comp=Z,32nm,1.1s	83.12 322	P	P	P	20 38 40.4 -1.3
LIT	Litokhoron	83.12 322	P	I	Amb	20 38 42.2
LDF	La Druitiere	83.14 341	eP	P	P	20 38 40.2 -1.4
LDF						
T47A	Sharon Grove	83.14 43	P	P	P	20 38 41.6 -0.3
T47A	Sharon Grove	83.14 43	P	I	Amb	20 38 42.0 +0.2
T47A						20 38 43.2
TVO	Taravao	83.14 124	eT	T	T	22 10 15.1
O53A	New Philadelphia	83.17 37	P	P	P	20 38 41.7 -0.2
M55A	Ridgway	83.17 35	P	P	P	20 38 41.7 -0.2
M55A	Ridgway	83.17 35	P	P	P	20 38 41.8 -0.2
M55A	Tirane					

8d 20h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like KVXT Kingsville, U50A Jamestown, KALE Kalithea, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like R58B Mineral, X52A Dahlonega, Y51A Rockmart, etc.

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Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like YUK Yuzh-Kuril'sk, GRPR Tuman, LAGR Lagunnoye, etc.

MOS 08 20:30:04.8:2.1, 43:71N:147:42E, h28km, mb4.7/8, Error ellipse: s-maj=10.7km s-min=8.9km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Toolik Lake Re, Sawmill, Sheep Creek Mo, etc.

IDC 08 20:31:35.5:0.18,373.176:64W,h0km,mb4.0/2, mb1 4.3/2,mb1mx3.723,mbtmp4.0/2, Error ellipse: s-maj=293.0km s-min=47.2km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Keskin Array B, etc.

MAN 08 20:35:35.8, 16:44N:122:77E,h0km,mb4.4,ML3.2,MS3.0, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Palanang, Cauyuan, Baier, Callao Caves, etc.

NNC 08 20:43:49.0:2.3,38.68N:76:56E,h0km,mb3.7,mpv3.2, 3C-4D, Error ellipse: s-maj=15.3km s-min=13.7km az=166.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SATY, MRKS, UZB, PDGK, etc.

IDC 08 20:51:10.3:0.9,24:77N:122:99E,h0km,mb3.8/8, mb1 3.9/9,mb1mx3.744,mbtmp3.8/9,MS3.6/6,Ms1 3.6/6, ms1mx3.2/3, Error ellipse: s-maj=39.7km s-min=18.3km az=74.0

ISCJJB 08 20:51:12.0:0.7,24:81N:0:05:123:16E:0:0, h24km,6km, mb3.8/7,MS3.7/2, Error ellipse: s-maj=8.4km s-min=3.9km az=2.3

JMA 08 20:51:12.7:0.2,24:77N:123:16E,h25km,4km, M3.4 NEIC 08 20:51:12.2:0.7,24:84N:0:05:123:1E:0:1,h14km,6km, mb4.0/13

ISC 08 20:51:12.7:1.5,24:77N:0:05:123:18E:0:03,h17km,10km, n55,c079/59,mb3.9/12, Southwestern Ryukyu Islands

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

IDC 08 20:31:35.5:0.18,373.176:64W,h0km,mb4.0/2, mb1 4.3/2,mb1mx3.723,mbtmp4.0/2, Error ellipse: s-maj=293.0km s-min=47.2km az=146.0, Fiji Islands region

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

IDC 08 20:53:42.6:1.9,21:59N:143:29E,h277km,19km, mb3.3/11,mb1 3.6/15,mb1mx3.6/19,mbtmp4.2/15, Error ellipse: s-maj=23.6km s-min=11.9km az=92.0

ISCJJB 08 20:53:43.2:0.6,21:63N:0:07:143:3E:0:2,h300km, mb3.5/10, Error ellipse: s-maj=21.9km s-min=9.6km az=172.8

ISC 08 20:53:44.5:0.7,21:68N:0:08:143:2E:0:2,h300km,n18, c079/19,mb3.5/10, Mariana Islands region

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

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

MAN 08 20:58:48.1, 11:20N:122:04E,h23km,mb3.8,ML2.6, MS2.1, 1C-1D, Panay

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

IDC 08 20:59:33.3:1.2,2:55S:105:58W,h0km,mb4.2/4, mb1 4.5/4,mb1mx3.9/50,mbtmp4.2/4,MS3.4/3,Ms1 3.4/3, ms1mx3.0/20, Error ellipse: s-maj=45.1km s-min=35.2km az=52.0

ISCJJB 08 20:59:34.0:1.0,2:45S:0:1:105:6W:0:2,h10km,mb4.1/4, MS3.2/3, Error ellipse: s-maj=24.7km s-min=14.7km az=143.1

NEIC 08 20:59:35.4:2.0,2:45S:0:2:105:57W:0:09,h10km,1km, mb4.6/14

ISC 08 20:59:35.1:0.8,2:55S:0:2:105:6W:0:2,h10km,n39, c071/31,mb4.5/11,MS3.2/3,Central East Pacific Rise

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

ATAH comp=2.8,6nm,1.4s Atualpha 27.52 101 LR LR 21 132.88

NNA comp=2.126nm,21.6s,baz=237,slow=30 30.05 110 LR LR 21 14.43.0

TXAR comp=2.0,5nm,0.9s,baz=187,slow=11,SNR=8.2 31.65 3 P P 21 06.00+1.2

TXAR comp=2.0,5nm,0.9s,baz=187,slow=11,SNR=8.2 31.65 3 P P 21 05.92+0.4

JCT comp=2.4,7nm,0.9s Cornudas Mount 33.96 0 P P 21 06.192+0.4

WHTX comp=2.11nm,1.0s Lake Whitney, 35.12 12 P P 21 06.289+0.1

ABTX comp=2.5,4nm,0.8s Abilene, Hawn, 35.33 9 P P 21 06.320+1.2

LCAR comp=2.7,5nm,1.0s Lake Charles, 40.63 18 P P 21 07.158+0.4

PLAL comp=2.7,5nm,1.0s Pickwick Lake, 40.71 22 P P 21 07.162+0.1

PTGA comp=2.12nm,0.8s Samuel, 42.69 100 P P 21 07.318+0.8

YKA comp=2.13nm,1.4s Yellowknife Arr, 65.12 355 P P 21 10.161+0.2

YKRB comp=2.2,6nm,0.8s,baz=166,slow=7.0,SNR=5.5 65.12 355 P P 21 10.161+0.2

ILAR comp=2.1,9nm,0.8s,baz=150,slow=5.0,SNR=14 73.53 343 P P 21 11.078-0.1

ILAR comp=2.1,9nm,0.8s,baz=150,slow=5.0,SNR=14 73.53 343 P P 21 11.073-0.6

H1N1 comp=2.0,6nm,0.7s,baz=98,slow=1.5,SNR=5.8 78.54 290 T T 22 50.0+1.4

H1N2 comp=2.0,6nm,0.7s,baz=98,slow=1.5,SNR=5.8 78.54 290 T T 22 50.12.7

H1N1 comp=2.0,6nm,0.7s,baz=98,slow=1.5,SNR=5.8 78.54 290 T T 22 50.09.8

H1S2 comp=2.0,6nm,0.7s,baz=98,slow=1.5,SNR=5.8 78.54 288 T T 22 50.17.1

H1S1 comp=2.0,6nm,0.7s,baz=98,slow=1.5,SNR=5.8 78.54 288 T T 22 50.18.8

WEL 08 20:59:57.9:0.3,43S:2:172E:1,h5km,ML3.3/14, ML3.5/12,MLV3.3/14, Error ellipse: s-maj=0.0km az=4.3, South Island

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

JMA 08 21:06:59.7,0.1,23.81N,121.56E,h38km,2km,M3.4
ISCJB 08 21:07:00.4,0.2,23.83N,121.63E,0.01,h42km,3km,
Error ellipse: s-maj=2.2km s-min=1.5km az=40.7
TAP 08 21:07:00.3,23.85N,121.57E,h44km,ML3.7,B
ISC 08 21:07:00.8,1.0,23.84N,121.60E,0.02,h34km,2km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC. Lists various stations like ENLB, HWA, HWA, ESL, etc.

Table with columns: NWLT, Wulai, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC. Lists stations like NWLT, Wulai, NSY, NSY, etc.

Table with columns: ANP, Anpu, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC. Lists stations like ANP, Anpu, YMO8, etc.

IDC 08 21:07:56.5,28.0,18.07S,-178.76W,h635km,299km,
mb3.4/4,mb1 3.6/4,mb1 mx3.0/34,mbtmp4.5/4, Error
ellipse: s-maj=195.3km s-min=52.4km az=83.0, Fiji
Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, Time h m s, Res ISC. Lists stations like STKA, JAY, WRA, etc.

IDC 08 21:20:11.2,2.2,6.49S,-130.33E,h0km,mb4.0/2,
mb1 4.0/4,mb1 mx3.7/19,mbtmp3.8/4,ML3.8/2, Error
ellipse: s-maj=109.4km s-min=29.5km az=66.0, Banda
Sea

mb1 4.1/11, mb1mx3.8/41, mbtmp4.0/11, ML4.1/1, MS3.3/2, Ms1 3.3/2, ms1mx2.7/40, Error ellipse: s-maj=49.0km s-min=14.2km az=70.0

DJA 08 21:41:52.6:4.5, 5.5, N:38°12'7E:1.2, h10km, M4.4/6, mb4.7/3, mb5.8/1, MLV4.3/6, Mw(m)5.4/1, NEIC 08 21:41:54.1±2.5, 4.9NL0.1±125.8E0.3, h35km±2km, mb4.3/5

ISC 08 21:41:50.1±0.6, 5.03N-0.05E:126.64E:0.07, h10km, Res: c±145/37, mb4.1/11, 1C-1D, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates and phases.

DDA 08 21:47:56.5, 36.48N-31.89E, h7km, 4km, ML2.2, N:0.0, E:0.0, S:0.0, P:0.0, M1.1/4.1, ISK 08 21:47:56.1, 35.89N-32.47E, h27km, ML1.9, Cyprus region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Cyprus region.

AUST 08 22:47:40.5:0.0, 30.367S×117.87E, h13km, Error ellipse: s-maj=3.3km s-min=0.1km az=271.0, Western Australia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in Western Australia.

IDC 08 22:56:43.9±2.4, 38.165N-76.43E, h0km, mb3.6/3, mb1 3.5/4, mb1mx3.3/31, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=56.0km s-min=25.9km az=143.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations and their coordinates.

ISC 08 23:22:30.8:0.9, 20.613S-0.033E:69.01W:0.09, h110km, 9km, Error ellipse: s-maj=13.3km s-min=5.0km az=177.3

SJA 08 23:22:30.1±0.5, 20.665S-68.97W, h103km, 4km, ML3.4, MW3.5

GUC 08 23:22:30.4±0.5, 20.628S-68.94W, h102km, 3km, ML3.4, ISC 08 23:22:32.0:1.6, 20.628S-0.003E:69.01W:0.07, h99km±1km, n20, c±62/31, 5C, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Chile region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Chile region.

IDC 08 23:51:17.5±3.0, 5.90S: 147.66E, h26km±19km, mb4.0/8, mb1 4.2/11, mb1mx4.0/34, mbtmp4.2/11, ML4.3/3, MS3.7/9, Ms1 3.7/9, ms1mx3.5/18, Error ellipse: s-maj=20.2km s-min=14.5km az=99.0

BUI 08 23:51:20.0±0.0, 6.20S: 147.70E, h60km, mb4.7/11, mb5.1/10, Ms5.1/1, NEIC 08 23:51:21.5±0.9, 6.1S:0.0±147.7E:0.1, h57km±11km, mb4.4/15

ISC 08 23:51:22.1±0.4, 6.22S:0.0±147.68E:0.05, h77km, mb4.3/13, Error ellipse: s-maj=6.6km s-min=5.7km az=5.9

DJA 08 23:51:26.2±1.1, 6.5±7.1±7E:1.2, h65km±7km, Ms5.2/12, mb5.9/3, mb4.9/12, MLV5.5/32, Mw(m)5.5/3

ISC 08 23:51:23.4±0.5, 6.23S:0.05E:147.72E:0.07, h77km, n61, c±205/61, mb4.3/16, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations in the Eastern New Guinea region.

9d 1h

Table with columns: TOR, Torodi Ar. Bea, 145.84 284, PKPbc, PKPdf, 00 10 54.2 -0.2, etc.

IDC 09 00:17:11.8:1.4, 5:92S:147:71E, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.7/31, mbtmp3.8/6, ML4.0/1, Error ellipse: s-maj=48.4km s-min=22.0km az=112.0

ISCJB 09 00:17:19.8:1.4, 6:15:0.1:147:7E:0.3, h77km, n7, c1929/8, mb3.5/4, Eastern New Guinea region

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

ISCJB 09 00:22:11.0:0.4, 22:56S:0:07:179:53W:0:07, h579km, mb4.4/10, Error ellipse: s-maj=9.3km s-min=8.5km az=35.2

NEIC 09 00:22:11.8:1.4, 22:55:0.1:179:5W:0.1, h577km, mb3.8/15

IDC 09 00:22:12.4:1.4, 22:59S:179:48W, h582km, 16km, mb3.8/10, mb1 3.8/13, mb1mx3.6/34, mbtmp4.8/13, Error ellipse: s-maj=18.2km s-min=15.6km az=21.0

ISC 09 00:22:11.7:0.4, 22:57S:0:07:179:49W:0:08, h579km, n8, c1943/87, mb4.4/14, 3C-15D, South of Fiji Islands

Large table listing station codes (RAO, AFI, URZ, etc.) and their associated data.

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Table with columns: BUR08, Bucovina Ar. S, 148.10 328, PKPbc, 00 40 53.1 +0.1, etc.

BRM Berggiesshobel, 149.86 343, i PKP, PKIKP, 00 40 57.8 +0.4

HUM Humle, 150.28 323, i PKP, PKIKP, 00 40 57.8 +0.4

TORD Torodi Ar. Bea, 170.56 187, PKPdf, PKPab, 00 41 14.2 -0.5

TORD Torodi Ar. Bea, 170.56 187, PKPdf, PKPab, 00 41 14.2 -0.5

TORD Torodi Ar. Bea, 170.56 187, PKPdf, PKPab, 00 41 14.2 -0.5

TORD Torodi Ar. Bea, 170.56 187, PKPdf, PKPab, 00 41 14.2 -0.5

TORD Torodi Ar. Bea, 170.56 187, PKPdf, PKPab, 00 41 14.2 -0.5

ISC 09 00:30:29.4:1.1, 42:56N:79:65E, h18km, mb2.4, SOME 09 00:30:29.4, 42:65N:79:40E, h5km

NINC 09 00:30:30.4:1.1, 42:70N:79:49E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=7.9km s-min=3.3km az=133.0

ISC 09 00:30:27.8:1.7, 42:59N:0:05:79:50E:0:05, h4km, 11km, n36, c1910/62, 18C-11D, Lake Issyk-Kul region

Large table listing station codes (UZB, PDGK, PRZ, etc.) and their associated data.

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Table with columns: KAPS, Kapalarasan, 2.70 358, Pg, Pb, 00 31 16.9 +0.2, etc.

ISCJB 09 00:39:41.7:1.5, 14:83N:0:06:93:30W:0:07, h24km, 9km, Error ellipse: s-maj=14.0km s-min=5.6km az=135.5

GCG 09 00:39:43.9:0.5, 15:25N:93:12W, h35km, 999km, MD4.1, MEX 09 00:39:43.7:0.6, 14:76N:93:30W, h26km, 27km, MD4.1

ISC 09 00:39:41.4:1.1, 14:97N:0:08:93:22W:0:09, h7km, 17km, n10, c0556/17, Near coast of Chiapas

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

IDC 09 00:47:22.2:2.1, 14:63S:76:78W, h0km, mb3.6/3, mb1 3.8/8, mb1mx3.6/33, mbtmp3.7/8, ML3.5/5, MS3.1/5, Ms1 3.1/5, ms1mx2.8/28, Error ellipse: s-maj=44.4km s-min=19.0km az=55.0

ISCJB 09 00:47:25.0:1.3, 14:63S:0:09:76:7W:0:2, h33km, mb3.6/3, MS3.3/1, Error ellipse: s-maj=24.2km s-min=5.8km az=152.3

ISC 09 00:47:27.6:1.4, 14:65S:0:10:76:7W:0:2, h35km, n16, c076/11, mb3.5/3, Near coast of Peru

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

ISC 09 00:50:40.3:1.7, 51:48N:0:08:16:13E:0:05, h0km, n16, c056/33, Poland

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

IDC 09 01:01:54.2:2.7, 20:59S:177:64W, h378km, 25km, mb3.9/10, mb1 4.1/12, mb1mx3.7/43, mbtmp4.6/12, Error ellipse: s-maj=32.7km s-min=13.6km az=156.0

ISCJB 09 01:01:55.8:0.2, 20:41S:0:05:177:87W:0:05, h400km, n16, 1/11, Error ellipse: s-maj=7.7km s-min=5.3km az=137.1

NEIC 09 01:01:58.1:1.8, 20:45S:0:1:177:8W:0:1, h143km, 3km, mb4.2/38

ISC 09 01:01:56.5:0.4, 20:44S:0:07:177:72W:0:06, h400km, n157, c0916/168, mb4.2/30, 22C-14D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE Niue, AFU Afiamalu, FUNA Funafuti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, CLTR Trlcr, BUR08 Buocovina Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JYOW Kunigami, JOW Kunigami, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VSU, SIM, AKASG, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CLL, PRU, CONA, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TPNV, DUG, BW06, etc.

TKM2 3.2nm,0.5s ... AB31 2.8nm,1.0s ... AB31 0.4nm,0.6s,baz=167,slow=9.3,SNR=9.0

NNC 09 01:49:50.5±1.4,41.88N:78.53E,h0km,mb3.0,mpv2.9, Error ellipse: s-maj=10.3km s-min=4.5km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TARG Taragay, Kyrgyz, PRZ Przheval'sk, KDJ Kajisay, etc.

ISN 09 02:05:23.0±4.7,35.51N:45.51E,h6km,3km,ML2.8 DDA 09 02:05:34.7,35.57N:44.57E,h6km,2km,ML2.8

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

IDC 09 02:07:17.7±2.0,34.88N:52.62E,h0km,mb3.77, mb1.3/1.0,mb1mx3.5/6,mbtmp3.6/10,ML3.2/3, Error ellipse: s-maj=47.3km s-min=17.9km az=158.0

AZER 09 02:07:24.4±1.8,35.48N:52.60E,h15km,m13.5/3, Error ellipse: s-maj=27.1km s-min=17.6km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IFIR Firoozkooh, ILAS Lasjerd, IDMV Damavand, etc.

ISCJB 09 02:09:26.7±1.0,14.32N:0.10:92.22W±0.08,h64km±13km, Error ellipse: s-maj=19.6km s-min=9.6km az=33.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG Hentros, STG3 Santiago 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IXG Ixpaco, NBG Las Nubes, etc.

IDC 09 02:14:46.9±1.4,1.91N:127.54E,h0km,mb3.7/5, mb1.3/9.6,mb1mx3.6/34,mbtmp3.7/6,ML3.7/1, Error ellipse: s-maj=101.1km s-min=18.2km az=69.0

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

NEIC 09 02:19:30.6±2.6,24.25S:0.06:67.3W±0.2,h205km±16km, mb4.6/2,MD3.8(SJA),ML4.4(GUC)

ISCJB 09 02:19:31.3±0.3,24.26S:0.02:67.26W±0.03,h189km±4km, Error ellipse: s-maj=4.9km s-min=3.6km az=153.9

IDC 09 02:19:31.8±1.2,24.24S:67.06W,h166km±10km,mb3.2/4, mb1.3/5/10,mb1mx3.4/23,mbtmp3.8/10, Error ellipse: s-maj=20.6km s-min=13.8km az=31.0

GUC 09 02:19:34.2±0.6,24.07S:67.89W,h235km±7km,ML4.4

ISC 09 02:19:32.1±0.7,24.24S:0.04:67.20W±0.04,h177km±7km, n56,±171/87,7C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HJA Hama huaca, AZAP Zapala, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, KMSR Kilia Mbogo, KSRS Krossa Army, etc.

ISCJJB 09 03:32:56.8, 0.8, 73.10N, 0.05, 7.8E, 0.2, h10km, mb3.0/2, MS3.1/2, Error ellipse: s-maj=8.9km s-min=6.8km az=167.9

IDC 09 03:32:56.6, 1.8, 73.13N, 7.27E, h0km, mb3.1/2, mb1.3/4.7, mb1mx3.3/4.5, mbtmp3.3/7, ML2.7/5, MS3.2/2, Mst 3.1/2, ms1mx2.6/2.2, Error ellipse: s-maj=24.9km s-min=20.5km az=88.0

NAO 09 03:32:57.0, 2.5, 73.17N, 7.31E, ML3.0, BER 09 03:32:58.8, 2.9, 73.22N, 6.89E, h10km, 21km, ML2.3, ML3.0 (NAO), Confirmed Earthquake

ISC 09 03:32:57.0, 1.2, 73.12N, 0.06, 7.3E, 0.1, h10km, n34, #212/42, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJO1 Bjornoya, HSPB Hornsund, TRO Tromso, etc.

Table with columns: HFS, Hagfors, Pn, 13.28 166, Pn, 03 36 07.0 +1.8. Includes stations like HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

BUJ 09 03:36:58.0, 0.0, 38.38N, 76.76E, h7km, ML3.4/6, NNC 09 03:37:04.1, 2.2, 38.72N, 76.55E, h20km, 24km, mb4.0, mpv3.6, Error ellipse: s-maj=15.5km s-min=13.2km az=156.0

ISC 09 03:37:02.4, 2.7, 38.7N, 0.2, 76.54E, 0.06, h10km, n24, #285/26, 2C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, AAK Ala-Archa, TKM2 Tokmak 2, etc.

ISCJJB 09 04:03:35.4, 0.6, 49.88S, 0.1, 119.2E, 0.3, h10km, mb4.2/5, MS3.9/11, Error ellipse: s-maj=33.5km s-min=10.0km az=18.2

IDC 09 04:03:35.8, 1.7, 49.96S, 119.28E, h0km, mb4.3/5, mb1.4/4.5, mb1mx4.0/4.0, mbtmp4.3/5, MS3.9/11, Ms1.3.9/11, ms1mx3.8/2.0, Error ellipse: s-maj=103.1km s-min=20.1km az=113.0

NEIC 09 04:03:38.2, 1.2, 49.90S, 0.09, 119.2E, 0.5, h15km, 4km, mb4.5/10

ISC 09 04:03:37.1, 0.7, 49.9S, 0.1, 119.2E, 0.3, h10km, n45, #877/95, mb4.4/7, MS4.0/11, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CASY Casey, FORT Forrest, STKA Stephens Creek, etc.

IDC 09 04:10:26.3, 2.1, 2.70N, 128.24E, h0km, mb3.6/3, mb1.3/8.3, mb1mx3.4/4.1, mbtmp3.6/3, Error ellipse: s-maj=146.9km s-min=24.7km az=68.0, Halmahera

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

JMA 09 04:46:14.5, 36.29N, 137.66E, h5km, 1km, M2.7, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JGN Niukaw, JGN Nsakai, JNG Matsuyama, etc.

BJI 09 05:25:20.7, 0.0, 40.23N, 97.85E, h8km, ML3.6/5, 1C, Gansu

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

DDA 09 06:02:16.8, 39.54N, 25.86E, h7km, 4km, ML2.7, ISK 09 06:02:17.9, 39.62N, 25.89E, h5km, ML2.2/1.2, ISCJJB 09 06:02:18.9, 0.4, 39.59N, 0.02, 25.96E, 0.03, h8km, 3km, Error ellipse: s-maj=4.5km s-min=2.7km az=171.9

ATH 09 06:02:18.5, 39.57N, 25.96E, h7km, 1km, ML2.0/2, Error ellipse: s-maj=3.2km s-min=1.2km az=248.0

THE 09 06:02:19.1, 39.60N, 25.98E, h7km, 1km, ML 1.9/6, Error ellipse: s-maj=1.9km s-min=0.8km az=118.0

ISC 06-02:18.8, 0.9, 39.59N, 0.02, 25.97E, 0.03, h11km, 8km, n34, #58/58, Aegean Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOZC Bozcaada, EZN Ezine, SIGR Sigiri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GO04 Tololo Observa, AR0D Rodeo, AM0G MIGNA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGR SIGRI, HNR Honiara, WRA Warramunga Arr, etc.

Table with columns: PFO, Blythe, Pinyon Flats O, etc. Includes station names, codes, and coordinates.

NNC 09 08:25:26.1±6.0, 42.62N, 84.50E, h0km, mb3.8, mpv3.4, 4C-2D, Error ellipse: s-maj=45.4km s-min=23.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists various stations like PDGK, DJR, UZB, etc.

IDC 09 08:38:04.0±4.9, 21.51S, 176.78W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/18, mbtmp3.9/3, MS3.7/1, Ms1 3.7/1, ms1mx2.8/22, Error ellipse: s-maj=170.1km s-min=95.9km az=161.0, Fiji Islands region

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

ISCJB 09 09:00:12.6±0.8, 64.91N, 0.05±0.30E, 0.2, h0km, Error ellipse: s-maj=12.7km s-min=5.0km az=22.6

KOLA 09 09:00:13.7, 64.74N, 30.86E, M2.4, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 2249 + CD-ROM, 2014)

NAO 09 09:00:14.3±1.5, 64.83N, 30.25E, ML2.3, IDC 09 09:00:14.2±6.4, 64.75N, 30.87E, h0km, mb1 3.1/4, mb1mx2.9/41, mbtmp3.0/4, ML2.3/4, Error ellipse: s-maj=36.5km s-min=8.7km az=103.0

BER 09 09:00:16.9±4.2, 64.87N, 30.32E, h0km, ML2.3(NAO), Suspected explosion

ISC 09 09:00:14.4±1.2, 64.86N, 0.05±0.36E, 0.09, h0km, n14, α136°/25, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like APAO, FIAO, FINES, etc.

Table with columns: ARAO, ARCCESS Array B, etc. Includes station names and coordinates.

EAF 09 09:01:24.8±0.3, 4.55S, 36.00E, h6km, 30km, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like KOND, BBAT, KIBA, etc.

KRNET 09 09:37:21.9±0.1, 41.64N, 79.17E, h28km, mb2.4, SCOME 09 09:37:22.2, 41.70N, 79.18E, h20km

NNC 09 09:37:23.8±1.1, 41.83N, 79.16E, h0km, mb2.8, mpv3.0, Error ellipse: s-maj=7.8km s-min=5.5km az=140.0

ISC 09 09:37:21.1±3.2, 41.62N, 0.09±0.79E, 0.08, h16km, 24km, n21, α64°/39, 14C-4D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like PRZ, TARG, UZB, SATY, etc.

ISC 09 10:31:09.8±0.7, 55.77N, 0.1±34.83W, 0.09, h10km, n34, α193°/27, 1.44, Reykjanis Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like NRS, BORG, EKA, etc.

ISCJB 09 09:54:35.9±1.3, 47.1N, 0.3±150.4E, 0.3, h167km, mb3.4/6, Error ellipse: s-maj=54.8km s-min=15.0km az=151.1

IDC 09 09:54:38.4±3.4, 46.79N, 150.39E, h191km, 41km, mb3.1/6, mb1 3.4/7, mb1mx3.1/33, mbtmp3.7/7, Error ellipse: s-maj=58.1km s-min=23.2km az=167.0

ISC 09 09:54:37.0±1.4, 47.0N, 0.4±150.4E, 0.2, h167km, n7, α073°/7, mb3.3/6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like ASAJ, ILAR, INK, etc.

ISK 09 09:58:40.7±3.7, 33N, 38.56E, h7km, ML2.5/4, ISCJB 09 09:58:41.3±0.8, 37.25N, 0.05±38.59E, 0.03, h4km, 6km, Error ellipse: s-maj=8.7km s-min=4.2km az=165.9

DDA 09 09:58:41.3±3.7, 37.25N, 0.05±38.59E, h7km, 3km, ML2.8, ISC 09 09:58:41.8±1.3, 37.33N, 0.05±38.57E, 0.03, h6km, 12km, n13, α071°/22, Turkey

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

Table with columns: SANL, SANLIURFA_Merk, etc. Includes station names and coordinates.

DDA 09 10:22:45.7, 38.31N, 31.47E, h7km, 2km, ML2.6, ISK 09 10:22:45.4, 38.34N, 31.45E, h5km, 1km, ML1.9/8, ISCJB 09 10:22:46.0±0.5, 38.33N, 0.03±31.49E, 0.04, h10km, 5km, Error ellipse: s-maj=5.7km s-min=4.4km az=31.4

ISC 09 10:22:45.7±1.2, 38.33N, 0.03±31.47E, 0.03, h6km, 13km, n15, α106°/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like DOGA, KONYA, KADHN, etc.

ISCJB 09 10:31:07.9±0.5, 55.77N, 0.1±34.83W, 0.1, h10km, mb3.8/8, MS3.1/7, Error ellipse: s-maj=14.6km s-min=9.4km az=1.7

IDC 09 10:31:08.6±0.8, 55.67N, 34.61W, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/46, mbtmp3.8/10, ML3.3/1, MS3.2/7, Ms1 3.2/7, ms1mx2.9/26, Error ellipse: s-maj=28.1km s-min=17.7km az=95.0

NEIC 09 10:31:09.5±1.6, 55.8N, 0.1±34.9W, 0.1, h10km, 1km, mb4.3/8

ISC 09 10:31:09.8±0.7, 55.77N, 0.1±34.83W, 0.09, h10km, n34, α193°/27, 1.44, Reykjanis Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like NRS, BORG, EKA, etc.

NIED 09 10:48:00, 44.20N, 149.10E, h20km, Mw4.8 Best double couple: M1: 5200x1019, NP1: 9x179, 0000°, 337, 0000°, 1.53, 0000°; NP2: 4x200, 00°, 861, 0000°, 1.14, 0000°

IDC 09 10:48:17.4±0.6, 43.96N, 149.08E, h0km, mb4.6/3, mb1 4.7/41, mb1mx4.6/73, mbtmp4.6/41, ML3.4/8, MS4.2/21, Ms1 4.2/21, ms1mx4.0/43, Error ellipse: s-maj=14.7km s-min=11.4km az=155.0

ISCJB 09 10:48:18.3±0.7, 43.86N, 0.02±149.13E, 0.02, h18km, 5km, Error ellipse: s-maj=14.7km s-min=11.4km az=155.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Echery, Nuku Hiva Isla, Mount Meron Ar, etc.

TEH 09 10:55:20.3, 74.377N:52.72E, h0km, ML3.9
ISCJB 09 10:55:21.0, 3.0, 2.34:84N:0.03:52.75E:0.03, h0km,
mb3.6/8, MS2.6/1, Error ellipse: s-maj=3.9km s-min=3.1km
az=3.5

IDC 09 10:55:21.3, 3.34:81N:52.86E, h0km, mb3.7/8,
mb1 3.8/10, mb1mx3.6/48, mbtmp3.7/10, ML3.4/2, MS2.8/1,
MS1 2.8/1, ms1mx2.2/42, Error ellipse: s-maj=34.2km
s-min=18.0km az=154.0

THR 09 10:55:21.4, 34.78N:52.71E, h14km, ML3.7
ISC 09 10:55:21.9, 0.7, 34.80N:0.03:52.71E:0.03, h6km, n76,
c1504/75, mb3.78, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Lasjerd, Varamin, Damavand, Anjilo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNSJ, BMDN, HSAM, HSRG, etc.

SNET 09 11:08:30.7, 0.8, 15.03N:92.14W, h64km, 35km, ML2.4
CGG 09 11:08:35.0, 0.4, 12.38S:0.04:68.80W:0.05,
h114km, 10km, n26, c0876/45, 7C-1D, Northern Chile

SJA 09 11:27:28.8, 1.2, 22.36S:68.77W, h118km, 7km, ML3.3,
MW3.5
ISCJB 09 11:27:29.0, 0.7, 22.39S:0.04:68.81W:0.06, h122km, 7km,
Error ellipse: s-maj=9.2km s-min=6.4km az=168.3

GUC 09 11:27:29.0, 0.6, 22.37S:68.84W, h110km, 5km, ML3.3
ISC 09 11:27:30.1, 1.6, 22.38S:0.04:68.80W:0.05,
h114km, 10km, n26, c0876/45, 7C-1D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Santiaguito 3, Erg, Fuego 3, Ixpac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISC 09 11:35:60.0, Port Blair, Diego Garcia H, etc.

IDC 09 11:44:16.4, 3.5, 24.47S:115.67W, h0km, mb3.7/4,
mb1 4.1/4, mb1mx3.8/22, mbtmp3.7/10, MS3.9/5, MS1 3.9/5,
ms1mx3.5/21, Error ellipse: s-maj=120.8km
s-min=32.9km az=52.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RPN, TAOE, TBT, Papeete, etc.

NORS 09 11:44:44.3, 0.0, 42.63N:43.50E, h1km, MPVA3.3
MOS 09 11:44:48.0, 0.0, 42.61N:43.40E, h1km, MPVA3.1

TZTN	Tazewell	60.44 345	P	P	17 13 38.3	-0.2
TZTN	Tazewell	60.44 345	P	Iamb	17 13 38.6	0.0
TZTN	comp=Z,49nm,0.9s				17 13 39.3	
T54A	Tazewell	60.49 347	P	P	17 13 39.0	+0.1
V48A	Smith Brothers	60.55 342	P	P	17 13 39.0	-0.3
V48A	Smith Brothers	60.55 342	P	P	17 13 38.8	-0.5
T53A	Wise	60.62 346	P	P	17 13 39.8	-0.1
U50A	Jamestown	60.64 344	P	P	17 13 39.5	-0.5
S57A	Dark Hollow, R	60.66 349	P	P	17 13 39.8	-0.3
S57A	Dark Hollow, R	60.66 349	P	Iamb	17 13 40.0	0.0
S57A	comp=Z,58nm,1.4s				17 13 41.3	
R58B	Mineral	60.69 350	P	P	17 13 40.1	0.0
R58B	Mineral	60.69 350	P	Iamb	17 13 39.7	-0.5
R58B	comp=Z,46nm,1.2s				17 13 41.6	
S56A	Natural Bridge	60.69 349	P	P	17 13 40.1	-0.1
X43A	Marvell	60.73 338	P	P	17 13 40.7	+0.2
CLTN	Cedars of Leba	60.73 342	P	P	17 13 40.1	-0.5
CLTN	comp=Z,52nm,0.9s				17 13 41.3	
WLAR	White Oak Lake	60.80 335	P	P	17 13 41.9	+0.8
T52A	Hallie	60.84 346	P	P	17 13 40.9	-0.4
T52A	Hallie	60.84 346	P	P	17 13 41.0	-0.4
CBN	Corbin Frederi	60.85 351	P	P	17 13 40.8	-0.5
T51A	Gray	60.93 345	P	P	17 13 41.4	-0.5
S55A	Lewisburg	60.96 348	P	P	17 13 42.9	+0.8
U49A	Red Boiling Sp	60.98 343	P	P	17 13 41.6	-0.6
JCT	Junction City	61.01 328	P	P	17 13 42.9	+0.3
JCT	Junction City	61.01 328	P	Pmax	17 13 42.7	+0.1
JCT	comp=Z,39nm,0.8s				17 13 42.7	+0.1
JCT	Junction City	61.01 328	P	Iamb	17 13 42.7	+0.1
R58A	comp=Z,39nm,0.8s				17 13 42.7	+0.2
R58A	Rapidan	61.04 350	P	P	17 13 42.7	+0.2
SNA4	Sanae	61.11 161	P	P	17 13 44.0	+1.3
SNA4	Sanae	61.11 161	P	P	17 13 43.8	+1.1
SNA4	comp=Z,30nm,0.9s				17 13 45.2	
SNA4	Sanae	61.11 161	P	Iamb	17 13 43.8	+1.1
SNA4	Sanae	61.11 161	P	Iamb	17 13 45.2	
R57A	Stanardsville	61.12 350	P	P	17 13 43.5	+0.4
S54A	Dingess, Beckl	61.14 347	P	P	17 13 43.6	+0.2
S54A	Dingess, Beckl	61.14 347	P	P	17 13 43.3	-0.1
WHXX	Lake Whitney,	61.16 331	P	P	17 13 43.9	+0.4
WHXX	Lake Whitney,	61.16 331	P	Iamb	17 13 43.7	+0.2
WHXX	comp=Z,28nm,0.8s				17 13 44.9	
WVW	Waverly	61.20 341	P	P	17 13 43.2	-0.6
WVW	Waverly	61.20 341	P	P	17 13 42.7	-1.0
WVW	comp=Z,39nm,0.9s				17 13 42.7	-1.0
WVW	Waverly	61.20 341	P	P	17 13 42.7	-1.0
T50A	Nancy	61.20 344	P	P	17 13 42.7	-1.0
T50A	Bull Pasture M	61.21 344	P	P	17 13 43.1	-0.6
R56A	Bull Pasture M	61.21 344	P	P	17 13 45.4	+0.5
HPIG	Basin Creek Fa	61.38 321	P	P	17 13 45.8	+0.5
X40A	Basin Creek Fa	61.41 336	P	P	17 13 44.9	-0.2
X40A	Basin Creek Fa	61.41 336	P	P	17 13 45.0	-0.2
S52A	Salversville	61.41 346	P	P	17 13 44.8	-0.3
R54A	Victor	61.45 348	P	P	17 13 45.7	+0.4
T49A	Edmonton	61.47 343	P	P	17 13 45.1	-0.4
T49A	Edmonton	61.47 343	P	P	17 13 44.9	-0.6
UALR	University of	61.48 337	P	Iamb	17 13 45.2	-0.4
UALR	comp=Z,47nm,1.1s				17 13 46.5	
S51A	Beattyville	61.49 345	P	P	17 13 45.3	-0.4
S51A	Beattyville	61.49 345	P	Iamb	17 13 45.2	-0.5
S51A	Beattyville	61.49 345	P	Iamb	17 13 46.4	
Q58A	Fox Den Farm,	61.62 351	P	P	17 13 46.5	+0.1
S50A	Richmond	61.72 345	P	P	17 13 47.0	-0.2
MIAR	Mount Ida	61.74 335	P	P	17 13 47.4	0.0
MIAR	Mount Ida	61.74 335	P	Pmax	17 13 47.4	0.0
MIAR	comp=Z,53nm,1.2s				17 13 47.4	0.0
MIAR	Mount Ida	61.74 335	P	Iamb	17 13 47.4	0.0
R53A	Hurricane	61.79 347	P	P	17 13 47.6	0.0
R53A	Hurricane	61.79 347	P	P	17 13 47.3	-0.3
T47A	Sharon Grove	61.79 342	P	P	17 13 47.2	-0.4
T47A	Sharon Grove	61.79 342	P	P	17 13 47.0	-0.7
W41B	Gary Mavity, V	61.80 337	P	P	17 13 47.4	-0.4
W41B	Gary Mavity, V	61.80 337	P	Iamb	17 13 47.7	-0.1
W41B	comp=Z,25nm,1.1s				17 13 48.7	
Q57A	Strasburg	61.82 350	P	P	17 13 48.5	+0.7
WHAR	Woolly Hollow	61.92 337	P	P	17 13 47.8	-0.8
WHAR	comp=Z,21nm,0.9s				17 13 49.4	
R52A	Cattlettsburg	61.94 346	P	P	17 13 48.5	-0.2
Q56A	Snyder Ridge,	61.95 350	P	P	17 13 49.6	+0.8
Q56A	Snyder Ridge,	61.95 350	P	P	17 13 49.4	+0.7
HICK	Hickman	62.02 340	P	P	17 13 49.3	+0.2
S49A	Springfield	62.05 344	P	P	17 13 48.5	-0.8
Q55A	Buckhannon	62.06 349	P	P	17 13 50.4	+0.9
TXAR	Lajitas Array	62.09 324	P	P	17 13 50.4	+0.4
TXAR	Lajitas Array	62.09 324	P	P	17 13 49.9	0.0
TX31	Lajitas Ar. Si	62.09 324	P	P	17 13 50.2	+0.3
TX32	Lajitas Array	62.09 324	P	P	17 13 50.3	+0.4
P58A	Bank Wacker	62.10 351	P	P	17 13 49.4	-0.2
P59A	Jarrettsville	62.10 352	P	P	17 13 49.8	+0.2
R51A	Hillsboro	62.12 346	P	P	17 13 49.6	-0.2
Q54A	Coxs Mills	62.19 348	P	P	17 13 50.4	+0.1
Q54A	Coxs Mills	62.19 348	P	Iamb	17 13 50.3	+0.1
Q54A	comp=Z,50nm,0.9s				17 13 51.4	
P57A	Homestead Farm	62.20 351	P	P	17 13 51.0	+0.7
P57A	Homestead Farm	62.20 351	P	Iamb	17 13 50.2	-0.1
P57A	comp=Z,32nm,0.8s				17 13 52.0	
Q53A	Leroy	62.21 347	P	P	17 13 50.6	+0.2
LCAR	Lake Charles	62.22 338	P	Iamb	17 13 50.1	-0.4
LCAR	comp=Z,42nm,1.4s				17 13 51.1	
R50A	Paris	62.28 345	P	P	17 13 50.3	-0.5
R50A	Paris	62.28 345	P	P	17 13 50.4	-0.5

R50A	comp=Z,67nm,1.3s				17 13 51.6	
P56A	Dayton Farm, R	62.35 350	P	P	17 13 51.9	+0.7
W39A	Magazine	62.40 336	P	P	17 13 52.3	+0.6
W39A	Magazine	62.40 336	P	Iamb	17 13 52.0	+0.3
FCAR	Ozark Folk Cen	62.40 337	P	Iamb	17 13 51.3	-0.4
FCAR	comp=Z,42nm,0.8s				17 13 52.2	
Q52A	Bidwell	62.46 347	P	P	17 13 52.0	-0.1
X37A	Clayton	62.49 334	P	Iamb	17 13 52.8	+0.4
X37A	comp=Z,53nm,1.1s				17 13 54.2	
P55A	Reedsville	62.52 349	P	P	17 13 52.9	+0.4
PBMO	Poplar Bluff	62.62 339	P	P	17 13 52.7	-0.5
PBMO	comp=Z,61nm,1.1s				17 13 54.0	
MCWV	Mont Chateau	62.67 349	P	P	17 13 53.9	+0.5
O58A	Lewisberry	62.67 352	P	P	17 13 53.7	+0.3
O60A	Telford	62.67 353	P	P	17 13 53.0	-0.4
ABTX	Abilene, Hawle	62.70 329	P	P	17 13 54.0	+0.2
ABTX	Abilene, Hawle	62.70 329	P	Iamb	17 13 53.4	-0.4
P54A	Burton	62.73 349	P	P	17 13 53.9	+0.1
WCI	Wyandotte Cave	62.73 343	P	P	17 13 53.1	-0.8
WCI	Wyandotte Cave	62.73 343	P	Pmax	17 13 52.8	-1.0
WCI	comp=Z,75nm,1.2s				17 13 52.8	-1.0
WCI	Wyandotte Cave	62.73 343	P	P	17 13 53.3	-0.5
Q50A	Georgetown	62.73 345	P	P	17 13 53.3	-0.5
Q51A	Peebles	62.76 346	P	P	17 13 53.7	-0.3
Q51A	Peebles	62.76 346	P	Iamb	17 13 53.5	-0.6
Q51A	comp=Z,52nm,1.1s				17 13 54.7	
P53A	Whipple	62.79 348	P	P	17 13 54.6	+0.3
P53A	Whipple	62.79 348	P	P	17 13 54.5	+0.3
O57A	Amerson	62.85 351	P	P	17 13 55.0	+0.4
N61A	South Mountain	62.99 354	P	P	17 13 55.4	-0.1
O56A	Blue Knob Stat	63.05 350	P	P	17 13 56.6	+0.6
U40A	Yellville	63.08 337	P	P	17 13 55.9	-0.3
U40A	Yellville	63.08 337	P	Iamb	17 13 55.8	-0.5
U40A	comp=Z,23nm,0.8s				17 13 57.0	
P52A	Corning	63.08 347	P	P	17 13 55.8	-0.3
S44A	Carbondale	63.08 341	P	P	17 13 55.5	-0.7
SIUC	Southern Illin	63.09 341	P	P	17 13 55.6	-0.7
Q49A	Aurora	63.10 345	P	P	17 13 55.6	-0.7
O55A	Ligonier	63.11 350	P	P	17 13 56.7	+0.4
P51A	Williamsport	63.13 346	P	P	17 13 55.9	-0.6
P51A	Williamsport	63.13 346	P	Iamb	17 13 56.1	-0.3
P51A	comp=Z,74nm,1.2s				17 13 57.1	
Q48A	North Vernon	63.24 344	P	P	17 13 56.5	-0.6
O54A	Aveila	63.27 349	P	P	17 13 57.3	-0.1
SSPA	Standing Stone	63.31 351	P	P	17 13 57.5	-0.1
N58A	Sunbury	63.35 352	P	P	17 13 58.2	+0.4
N58A	Sunbury	63.35 352	P	Iamb	17 13 58.3	+0.4
N58A	comp=Z,29nm,0.9s				17 13 59.3	
N57A	Milroy	63.38 351	P	P	17 13 58.2	+0.1
HHAR	Hobbs	64.11 336	P	Iamb	17 13 58.3	-0.1
HHAR	comp=Z,33nm,0.9s				17 13 59.4	
P50A	Jamesstown	63.42 346	P	P	17 13 57.8	-0.6
O52A	Adamsville	63.48 348	P	P	17 13 58.6	-0.2
O52A	Adamsville	63.48 348	P	P	17 13 58.6	-0.2
O52A	Adamsville	63.48 348	P	P	17 13 58.6	-0.2
O53A	New Philadelphia	63.49 348	P	P	17 13 58.9	+0.1
M64A	Tiverton	63.55 357	P	P	17 13 58.8	-0.4
P49A	Miami Univ. Ec	63.56 345	P	P	17 13 58.5	-0.8
MGMO	Mountain Grove	63.58 338	P	P	17 13 59.2	-0.3
M60A	Port Jervis	63.59 354	P	P	17 13 59.3	-0.1
N55A	Meann Center	63.62 350	P	P	17 14 00.0	+0.3
N55A	West Decatur	63.62 350	P	P	17 13 60.0	+0.3
N56A	West Decatur	63.65 351	P	P	17 13 59.5	-0.4
P48A	Milroy	63.66 344	P	P	17 13 58.9	-1.1
P48A	Milroy	63.66 344	P	Iamb	17 13 58.9	-1.1
P48A	comp=Z,24nm,0.8s				17 13 59.4	
O51A	Pataskala	63.67 347	P	P	17 13 59.6	-0.4
BLO	Bloomington	63.67 343	P	Pmax	17 13 59.3	-0.7
BLO	comp=Z,41nm,0.7s				17 13 59.3	-0.7
BLO	Bloomington	63.67 343	P	Iamb	17 13 59.8	-0.6
FVM	French Village	63.72 340	P	Pmax	17 13 59.8	-0.6
FVM	comp=Z,65nm,0.8s				17 13 59.8	-0.6
FVM	French Village	63.72 340	P	P	17 13 59.8	-0.6
TUL1	Leonard	63.81 334	P	P	17 14 01.0	0.0
TUL1	Leonard	63.81 334	P	Iamb	17 14 00.7	-0.3
TUL1	comp=Z,49nm,1.2s				17 14 02.3	
ACSO	Alum Creek Sta	63.83 347	P	P	17 14 00.6	-0.5
ACSO	Alum Creek Sta	63.83 347	P	P	17 14 00.3	-0.7
M58A	Price's Panora	63.84 352	P	P	17 14 01.5	+0.4
L63A	North Scituate	63.88 356	P	P	17 14 01.4	

J57A	Williamstown	65.80	353	P	P	17 14 13.6	-0.1
J57A	Williamstown	65.80	353	P	IAmb	17 14 13.7	-0.1
L49A	Milan	65.80	347	P	P	17 14 13.6	-0.1
MEDO	Medina	65.87	351	P	P	17 14 14.2	+0.1
I62A	Tamworth	65.88	357	P	P	17 14 14.3	+0.1
J55A	Hilton	65.88	352	P	P	17 14 14.0	-0.2
K51A	Iona Station	65.94	349	P	P	17 14 14.2	-0.4
AAM	Ann Arbor	65.96	347	P	P	17 14 14.4	-0.3
I58A	Old Forge	65.97	354	P	P	17 14 15.2	+0.4
I59A	Olmsteadville	65.97	355	P	P	17 14 15.1	+0.2
I60A	Shoreham	65.97	355	P	P	17 14 14.9	+0.1
I61A	Oroboro, Fairl	65.98	356	P	P	17 14 15.2	+0.3
J54A	Appleton	66.00	351	P	P	17 14 15.1	+0.1
I63A	Otisfield	66.02	357	P	P	17 14 15.7	+0.7
TYNO	Tyneside	66.02	350	P	P	17 14 14.8	-0.3
STCO	Saint Catharin	66.02	351	P	P	17 14 14.8	-0.3
HSIG	HSIG	66.08	319	P	IAmb	17 14 17.1	+1.2
I44A	Midewin, Midew	66.16	343	P	P	17 14 15.1	-0.9
NCCB	Newcomb	66.17	355	P	IAmb	17 14 16.2	0.0
K50A	Casco	66.20	348	P	P	17 14 15.7	-0.6
K50A	Casco	66.20	348	P	P	17 14 15.7	-0.6
J52A	Paris	66.26	349	P	P	17 14 16.6	-0.1
LBNH	Lisbon	66.27	356	P	P	17 14 17.2	+0.5
I57A	Carthage	66.28	353	P	P	17 14 17.1	+0.3
L46A	Eue Claire	66.29	345	P	P	17 14 15.8	-1.0
N41A	Harden Midland	66.34	341	P	P	17 14 16.5	-0.7
PECO	Prince Edward	66.43	352	P	P	17 14 17.9	+0.2
WVL	Waterville	66.45	358	P	IAmb	17 14 18.0	-0.1
K48A	Perry	66.54	347	P	P	17 14 17.8	-0.7
ACTO	Acton	66.55	350	P	P	17 14 18.5	0.0
H64A	Troy	66.56	358	P	P	17 14 18.7	+0.2
H62A	Milan	66.56	357	P	P	17 14 18.3	-0.3
H61A	Lyndonville	66.56	356	P	P	17 14 19.1	+0.5
H65A	Eastbrook	66.60	359	P	P	17 14 19.0	+0.2
DRWO	Darlington Wns	66.60	351	P	P	17 14 18.7	-0.1
H63A	New Sharon	66.60	358	P	P	17 14 19.7	+0.9
EMMW	East Machias	66.61	360	P	IAmb	17 14 18.7	0.0
K47A	Vermontville	66.61	346	P	P	17 14 18.0	-0.9
H58A	Gabriels	66.61	355	P	P	17 14 19.2	+0.3
HAL	Halifax	66.62	3	P	pmax	17 14 18.5	-0.4
HAL	Halifax	66.62	3	P	IAmb	17 14 18.5	-0.4
H60A	Morristown	66.64	356	P	P	17 14 19.6	+0.6
H67A	Whiting	66.68	360	P	P	17 14 19.7	+0.4
H56A	Richville	66.77	354	P	P	17 14 20.1	+0.3
319A	Douglas	66.79	321	P	IAmb	17 14 21.2	+0.7
I55A	Frankford	66.80	352	P	P	17 14 20.1	+0.1
H59A	Cadyville	66.80	355	P	P	17 14 20.3	+0.3
K46A	Dorr	66.80	345	P	P	17 14 18.9	-1.2
121A	Cookes Peak, D	66.80	323	P	P	17 14 22.5	+1.9
121A	Cookes Peak, D	66.80	323	P	IAmb	17 14 20.6	0.0
LONY	Lake Ozonia	66.85	354	P	IAmb	17 14 20.2	-0.2
L44A	Lake County Fo	66.86	343	P	P	17 14 19.5	-1.0
J49A	Marlette	66.87	347	P	P	17 14 19.7	-0.9
K51A	Kansas State U	66.90	336	P	P	17 14 20.6	-0.2
I51A	Listowel	66.90	349	P	P	17 14 20.4	-0.3
J48A	Bridge Port	66.94	347	P	P	17 14 20.4	-0.6
J48A	Bridge Port	66.94	347	P	P	17 14 20.5	-0.5
FRNY	Flat Rock	66.98	355	P	IAmb	17 14 22.6	0.0
H56A	Elgin	66.99	353	P	P	17 14 21.6	+0.3
GGN	Saint George	67.01	0	P	IAmb	17 14 21.3	-0.1
I52A	Shelburne	67.02	350	P	P	17 14 21.3	-0.2
G63A	Kingsbury	67.04	358	P	P	17 14 22.1	+0.5
H55A	Tweed	67.06	352	P	P	17 14 21.6	-0.1
DELO	Deloro Mine	67.08	352	P	P	17 14 21.8	-0.1
DELO	Deloro Mine	67.18	359	P	P	17 14 21.7	-0.1
G65A	Princeton	67.10	360	P	P	17 14 22.0	+0.1
G65A	Princeton	67.10	360	P	IAmb	17 14 22.3	+0.4
J47A	Summer	67.11	346	P	P	17 14 21.4	-0.6
J47A	Summer	67.11	346	P	IAmb	17 14 22.0	-1.0
LIC	Lamto	67.14	73	eP	P	17 14 21.7	-1.2
G60A	Masonville	67.15	356	P	P	17 14 22.1	-0.2
G64A	Maxfield	67.16	359	P	P	17 14 22.4	+0.1
G62A	West of Eustis	67.18	358	P	P	17 14 23.1	+0.7
G62A	West of Eustis	67.18	358	P	IAmb	17 14 22.9	+0.4
PKME	Peaks-Kenny Pk	67.18	358	P	P	17 14 22.7	+0.3
PKME	Peaks-Kenny Pk	67.18	358	P	IAmb	17 14 23.8	0.0
BASO	Ashfield	67.22	349	P	P	17 14 22.4	-0.3

H53A	Bobcaygeon	67.27	351	P	P	17 14 22.9	-0.2
G61A	St-Isidore-de-	67.29	357	P	P	17 14 23.8	+0.7
G58A	Ormsby	67.33	355	P	P	17 14 23.5	+0.2
TIC	Toumoudi	67.34	72	eP	P	17 14 23.9	-0.3
I49A	Point Hope	67.36	348	P	P	17 14 23.0	-0.7
G57A	Newington	67.37	354	P	P	17 14 23.9	+0.3
BRCO	Bruce Peninsula	67.40	349	P	P	17 14 23.5	-0.4
CLNW	Collingwood	67.41	350	P	P	17 14 23.6	-0.0
BNN	Barren Site	67.41	325	P	P	17 14 24.9	+0.1
KIC	Kosan Boka	67.46	73	eP	P	17 14 24.5	-0.4
K43A	Burlington	67.46	343	P	P	17 14 23.6	-0.6
DBIC	Dimbokro	67.50	72	eP	P	17 14 25.1	-0.1
DBIC	Dimbokro	67.50	72	eP	P	17 14 24.0	-1.1
PLVO	Plevna	67.53	352	P	P	17 14 24.8	+0.1
PLVO	Plevna	67.53	352	P	IAmb	17 14 25.0	-0.2
LPM	Los Pinos Moun	67.54	325	P	P	17 14 26.1	+0.9
SADO	Sadowa	67.54	351	P	P	17 14 24.4	-0.3
SADO	Sadowa	67.54	351	P	IAmb	17 14 24.0	-0.7
LENN	Lemitar	67.61	325	P	P	17 14 26.9	+1.3
BANO	Bancroft	67.62	352	P	P	17 14 25.0	-0.2
F63A	Nahmakanta, Br	67.62	359	P	P	17 14 25.3	+0.1
F63A	Nahmakanta, Br	67.62	359	P	P	17 14 25.4	+0.2
L40A	Anamosa	67.69	341	P	P	17 14 25.2	-0.5
L40A	Anamosa	67.69	341	P	IAmb	17 14 25.3	-0.5
G55A	Calabogie	67.70	353	P	P	17 14 25.7	0.0
BMRO	Merriville Lake	67.70	349	P	P	17 14 27.0	0.0
ORIO	Orleans, Innes	67.76	354	P	P	17 14 26.2	+0.2
ORIO	Orleans, Innes	67.76	354	P	P	17 14 26.0	-0.1
F64A	Sherman	67.77	359	P	P	17 14 26.4	+0.4
F64A	Sherman	67.77	359	P	IAmb	17 14 26.5	+0.4
I48A	Sherman Twp	67.78	347	P	P	17 14 25.6	-0.6
I47A	Gladwin	67.78	347	P	P	17 14 25.8	-0.5
I47A	Gladwin	67.78	347	P	IAmb	17 14 25.9	-0.4
LMN	Caledonia Moun	67.78	2	P	P	17 14 25.9	-0.4
G53A	Haliburton	67.81	351	P	P	17 14 26.5	+0.1
ALFO	Alfred	67.88	354	P	P	17 14 27.0	+0.2
CBKS	Cedar Bluff	67.91	333	P	P	17 14 28.1	+0.8
CBKS	Cedar Bluff	67.91	333	P	pmax	17 14 27.3	0.0
CBKS	Cedar Bluff	67.91	333	P	P	17 14 27.3	0.0
I46A	Reed City	67.92	346	P	P	17 14 26.1	-1.0
ANMO	Albuquerque	67.94	326	eP	P	17 14 28.8	+1.1
ANMO	Albuquerque	67.94	326	eP	pmax	17 14 28.8	+1.1
ANMO	Albuquerque	67.94	326	eP	IAmb	17 14 28.4	+0.7
F61A	St Evariste	67.95	357	P	P	17 14 27.4	+0.1
QSPA	South Pole Qui	67.97	180	P	IAmb	17 14 29.2	+1.7
F60A	Warwick	68.00	356	P	P	17 14 27.5	-0.1
G54A	Lake Saint Pet	68.01	352	P	P	17 14 27.7	+0.1
SCIA	State Center	68.17	339	P	P	17 14 28.5	-0.2
SCIA	State Center	68.17	339	P	IAmb	17 14 28.6	-0.2
PEMO	Pembroke	68.18	352	P	P	17 14 28.8	+0.1
JFWS	Jewell Farm	68.18	342	P	P	17 14 28.6	-0.2
JFWS	Jewell Farm	68.18	342	P	pmax	17 14 28.2	-0.6
JFWS	Jewell Farm	68.18	342	P	IAmb	17 14 28.2	-0.6
F55A	Otter Lake	68.23	353	P	P	17 14 29.2	+0.2
BUKO	Bue Lake	68.24	351	P	P	17 14 29.0	-0.1
KLBO	Killbear Provi	68.28	350	P	P	17 14 29.1	-0.2
E64A	Bridgewater	68.31	360	P	P	17 14 29.8	+0.3
E63A	Oxbow	68.33	359	P	P	17 14 29.9	+0.3
E63A	Oxbow	68.33	359	P	IAmb	17 14 30.1	+0.6
TUC	Tucson	68.34	321	P	P	17 14 31.8	+1.7
TUC	Tucson	68.34	321	P	pmax	17 14 31.4	+1.3
TUC	Tucson	68.34	321	P	IAmb	17 14 31.4	+1.3
TOBO	Tobermory, Bru	68.37	349	P	P	17 14 29.5	-0.4
E60A	Ste Agathe de	68.37	357	P	P	17 14 30.1	+0.3
E61A	Lac Etchemin	68.39	358	P	P	17 14 30.6	+0.6
H46A	Fife Lake	68.43	346	P	P	17 14 30.0	-0.2
E58A	La Victoria	68.48	356	P	P	17 14 30.6	0.0
ALGO	Algonquin Park	68.55	352	P	P	17 14 30.7	-0.3
PQI	Presque Isle	68.57	359	P	IAmb	17 14 31.4	+0.3
F52A	Sundridge	68.57	351	P	P	17 14 31.0	-0.1
T25A	Trinidad	68.64	329	P	P	17 14 33.3	+1.3
T25A	Trinidad	68.64	329	P	IAmb	17 14 32.4	+0.4
I42A	Draefer Farm	68.72	343	P	P	17 14 31.5	-0.6
I42A	Draefer Farm	68.72	343	P	IAmb	17 14 32.4	0.0
G47A	Hillma	68.75	347	P	P	17 14 32.0	-0.2
F51A	Arnstein	68.79	351	P	P	17 14 32.3	-0.2
E56A	St. Veronique	68.80	354	P	P	17 14 32.7	+0.2
E55A	Montcerf-Lyto	68.81	354	P	P	17 14 32.7	+0.1
D60A	Saint Jean D'O	68.89	357	P	P	17 14 33.5	+0.5

E54A	Lac Duplat, Po	68.92	353	P	P	17 14 33.1	-0.1
E53A	Dumoine, Ponti	68.92	352	P	P	17 14 33.3	+0.1
D63A	Stockholm	68.94	359	P	P	17 14 33.7	+0.3
E52A	Mattawa	68.96	352	P	P	17 14 33.1	-0.4
H43A	Windswept, Lux	68.97	344	P	P	17 14 33.2	-0.3
H43A	Windswept, Lux	68.97	344	P	IAmb	17 14 32.9	-0.7
F49A	Sandfield	68.98	349	P	P	17 14 33.1	-0.5
G45A	Suttons Bay	69.01	346	P	P	17 14 33.2	-0.7
D59A	Saint-Raymond	69.03	357	P	P	17 14 34.0	+0.1
I41A	Arkdale	69.13	343	P	P	17 14 34.2	-0.4
F48A	Evansville	69.14	349	P	P	17 14 34.5	-0.2
D61A	St Aubert, Com	69.15	358	P	P	17 14 35.0	+0.4
D58A	Chemun du LacG	69.18	356	P	P	17 14 35.3	+0.4
BATG	Bathurst New B	69.18	1	P	IAmb	17 14 35.0	+0.1
D							

9d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JWFS Jewell Farm, FNO Franklin, and TX31 Lajitas Ar. Si.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SCHO Schefferville, WHAR Woolly Hollow, and D53A Lac Vaciue, Po.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like OXF Oxford, ARAO ARCES Array S, and D58A Chemin du LacG.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KSM, GNI, MBDF, GPPR, ZCCA, VLF, SAOF, SBF, SJPF, FRF, MTLF, EPF, LMR, ETSF, PGAV, MURB, VTS, VTS, ILGA, PBRG, PLD, NRCA, POLO, LATE, SKO, MVO, AQU, AQU, STIP, MDUB, PVIS, INTR, NVR, RDO, VAY, BR101, BR131, BR131, BR131, BRTR, BRTR, ANTO, ANTO, ANTO, ALN, SRS, SRS, KNT, KNT, MTE, MTE, OHR, GRG, GRG, SMTH, PCBR, OUR, BALB, WRAB, WRAB, WB2, WC3, WR1, WRA, WRA, PMRV, PMRV, ESBB, ESDD, ESDD, PAB, PAB, PAB, PRK, PTBC, NEO, KULA, MALC, MALC, PNCL, PAMC, PAMC, AGG, AGG.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUY2C, GUY2C, PBEJ, BARC, BARC, PSI, PSI, DSF, RPSI, PVAQ, PVAQ, HYB, RUSC, RUSC, BKNI, DID, FITZ, FITZ, ITM, AGZ, AGZ, AS31, ASAR, ASAR, SHME, ASAF, MDH, UOSS, UOSS, WSAR, MDT, MDT, SMDO, STKA, JLN, JLN, MHTO, MHTO, RAYN, RAYN, RAYN, RAYN, TOA1, TORO, TORO, TORO, DBIC, DBIC, DBIC, LSZ, LSZ, LSZ, MAW, MAW, MAW, BOS, BOS, SYO.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TAP 09:19:50, TAITUNG, TAITUNG, TWGBT, TWGBT, TWG, TWG, ECL, ECL, CHKT, CHKT, EAST, EAST, ELDTW, ELDTW, LAY, LAY, MASBT, MASBT, SSD, SSD, TWF1, TWF1, SCZT, SCZT, SLGT, SLGT, YULB, YULB, STYT, STYT, SGST, SGST, HGSD, HGSD, EHY, EHY, TWK1, TWK1, WTP, WTP, CHNT, CHNT.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CHN1, TPUB, TPUB, SNST, VWDT, VWDT, WHYT, WHYT.

JMA 09:19:51:13.3:0.2, 22.99N:122.83E, h52km, M2.2, Taiwan region. Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JLU, JLU, JISG, JISG, JTJ, JTJ.

IDC 09:20:09:04.2:1.4, 30.96S:179.85E, h413km, 18km, mb2.6/2, mb1 3.3/4, mb1 km3.0/28, mbtmp4.0/4, Error ellipse: s-maj=43.7km s-min=25.6km az=141.0, Kermadec Islands region. Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RAO, RAO, URZ, URZ, URZ, ASAR, ASAR, WRA, WRA, FINES, FINES.

IDC 09:20:12:44.5:6.7, 14.93S:176.08W, h214km, 124km, mb3.2/3, mb1 3.5/4, mb1 km3.2/35, mbtmp3.8/4, Error ellipse: s-maj=293.6km s-min=23.3km az=144.0, Fiji Islands region. Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AFI, AFI, WRA, WRA, ASAR, ASAR, ILAR, ILAR.

ISC/JB 09:20:19:3:0.4, 24.52N:102.122:33E:0.02, h8km, 2km, Error ellipse: s-maj=3.3km s-min=2.7km az=11.0, JMA 09:20:40:20:3:0.1, 24.39N:122.35E, h39km, 3km, M2.1, TAP 09:20:40:21:5, 24.53N:122.19E, h11km, ML2.5, D, ISC 09:20:40:18:3:1.1, 24.48N:102.33E:0.03, h11km, 8km, n51, c070/91, Taiwan region. Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like EOS1, EOS1, TWC, TWC, NANB, NANB, ENA, ENA, ENA, YOJ, YOJ, NTC, NTC, TWB1, TWB1, ILA, ILA, TWE, TWE, TIPB, TIPB, SLBB, SLBB, ENT, ENT, NACB, NACB, NDT, NDT, NDT, WFSB, WFSB, TW, TW, NWLT, NWLT, ETLH, ETLH, NNSB, NNSB, NHDH, NHDH, NNS, NNS, NNS, YHNB, YHNB, YHNB.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NSK Sangungu, TATO Taipei, YM01 YM01, etc.

ISCJB 09 20:55:31.01.3, 11.25S, 0.09:166.3E, 0.1, h61km, mb4.0/5, Error ellipse: s-maj=19.5km s-min=9.5km az=147.5

IDC 09 20:55:35.24.2, 11.07S, 166.21E, h79km, 30km, mb3.7/5, mb1 4.0/7, mb1mx3.6/39, mbtmp4.2/7, MS3.0/1, Ms 1.3/0.1, ms1mx2.6/43, Error ellipse: s-maj=36.9km s-min=24.4km az=53.0

ISC 09 20:55:33.01.4, 11.1S, 0.1x166.3E, 0.2, h61km, n13, r159/10, mb4.1/5, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, H1S2 WAKE ISLAND Hy 29.41, etc.

IDC 09 20:55:47.9.2.4, 7.21S, 120.26E, h416km, 20km, mb2.5/2, mb1 2.7/5, mb1mx2.5/41, mbtmp3.4/5, Error ellipse: s-maj=174.4km s-min=17.2km az=55.0, Flores Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kapang, BATI Baupata, WRA Warramunga Arr, etc.

SJA 09 20:55:17.3.7.1, 21.1S, 152.5E, 66.74W, h212km, 10km, ML3.2,

MW3.5 SCB 09 20:57:13.9.2.3, 21.59S, 66.77W, h230km, 16km, ML4.3/2, Error ellipse: s-maj=9.2km s-min=6.2km az=0.0

ISCJB 09 20:57:14.0.0.5, 21.54S, 0.04:66.82W, 0.05, h213km, 7km, mb3.8/2, Error ellipse: s-maj=7.9km s-min=5.8km az=141.5

GUC 09 20:57:14.4.0.6, 21.44S, 67.34W, h260km, 10km, ML4.5 IDC 09 20:57:14.5.2.7, 21.36S, 66.23W, h218km, 29km, mb3.7/2, mb1 3.5/4, mb1mx3.2/20, mbtmp4.0/4, Error ellipse: s-maj=43.6km s-min=22.4km az=101.0

ISC 09 20:57:13.1.0.8, 21.51S, 0.05:66.77W, 0.04, h218km, 7km, n47, r152/17, 10C-S, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YJA Yavi, LVC Limon Verde, PB09 IPOC Station P, etc.

SJA 09 21:00:29.2.1.1, 22.09S, 70.35W, h12km, 5km, ML3.6, MW3.5

ISCJB 09 21:00:30.1.0.9, 22.11S, 0.02:70.41W, 0.06, h15km, 7km, mb3.9/1, Error ellipse: s-maj=8.9km s-min=3.6km az=3.8

GUC 09 21:00:31.6.0.6, 22.08S, 70.27W, h34km, 2km, ML3.5 NEIC 09 21:00:32.2.3.2, 22.08S, 0.02:70.19W, 0.09, h36km, 20km

IDC 09 21:00:43.5.3.1, 11.46S, 70.26W, h0km, mb4.0/1, mb1 3.7/2, mb1mx3.4/19, mbtmp3.7/2, ML2.7/1, Error ellipse: s-maj=97.1km s-min=46.9km az=82.0

ISC 09 21:00:28.4.1.2, 22.05S, 0.02:70.32W, 0.04, h12km, 9km, n47, r154/72, 2C-8D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB04 Alice Springs, PB04 IPOC Station P, etc.

ISC 09 21:00:55.47.9.2, 7.21S, 120.26E, h416km, 20km, mb2.5/2, mb1 2.7/5, mb1mx2.5/41, mbtmp3.4/5, Error ellipse: s-maj=174.4km s-min=17.2km az=55.0, Flores Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kapang, BATI Baupata, WRA Warramunga Arr, etc.

SJA 09 20:55:17.3.7.1, 21.1S, 152.5E, 66.74W, h212km, 10km, ML3.2,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

ISCJB 09 21:22:18.7.2.1, 51.05N, 167.50W, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.5/67, mbtmp3.8/6, ML3.7/2, Error ellipse: s-maj=56.2km s-min=31.1km az=140.0

ISCJB 09 21:22:22.0.6.51, 36N, 0.05:168.50W, 0.06, h23km, mb3.8/4, Error ellipse: s-maj=8.1km s-min=5.1km az=157.3

NEIC 09 21:22:22.7.3.0, 51.49N, 0.07:168.61W, 0.09, h10km, 2km AEIC 09 21:22:24.2.3.51, 33N, 0.08:168.60W, 0.10, h26km, 6km, mb4.3/1 (NEIC)

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIKH Nikolski High, OKXP Okmok Steeple, etc.

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

ISC 09 21:22:24.1.0.9, 51.49N, 0.08:168.57W, 0.06, h23km, n43, r157/47, mb4.1/5, Fox Islands

9d 22h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TBGL Delisi, ZEI Tsey, KBZ Khabaz, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Vranov, Vranov, Vranov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like TPE Tepelena, KAS Kassiopi, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TSLS Tsoukalades, THL Thlokots Trika, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, and other parameters. Includes stations like BUI 09 22:01:39, ISCJB 09 22:01:41, etc.

Table with columns: STA, Name, Az, El, P, S, X, Y, Z, Az, El, P, S, X, Y, Z. Includes stations like INUYAMA, TEY, GYA, etc.

Table with columns: STA, Name, Az, El, P, S, X, Y, Z, Az, El, P, S, X, Y, Z. Includes stations like GTA, TIXI, GUYANG, etc.

Table with columns: STA, Name, Az, El, P, S, X, Y, Z, Az, El, P, S, X, Y, Z. Includes stations like NIL, ARU, KBL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ostrava-Krasne, Ostrava-Krasne, VOIR, DRGR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TXAR Lajitas Array, LMR La Mouri, RJR Les Rejaudoux, etc.

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

ISCJB 10 00:09:45.1±0.8, 58°1'S; 0°1'x139°7'W; 0.2, h10km, mb4.1/4, MS3.9/15, Error ellipse: s-maj=21.7km s-min=16.4km az=18.3

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ARVC, LRM, CWC, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like SPN, NLY, RUS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like H1N13, H1N11, H1S1, etc.

1001:38:05.0:0.8,52:40N:160:49E,h0km,mb4.0/22, mb1 4.2/22,mb1mx4.0/54,mbtmp4.0/22,MS3.0/2, Ms1 3.0/2,ms1mx2.7/34,Error ellipse: s-maj=21.0km s-min=16.9km az=164.0

1001:38:04.3:1.8,52:12N:161:02E,h60km,mb3.4/5, s-min=16.9km az=164.0

1001:50:36.7:1.6,34:28N:136:21E,h0km,mb3.4/2, mb1 3.5/3,mb1mx3.3/28,mbtmp3.3/3,ML2.5/1,Error ellipse: s-maj=39.9km s-min=26.4km az=114.0

10d 3h

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO3, BSO4, Katsuuura, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK31, DGS, SNET, GCG, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTO3, LFU, XKG, etc.

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

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

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

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

IDC 10 03:24:53.2, 2.2, 2.7, 92N-63.92E, h0km, mb3.8/10, mb1.3/8.11, mb1mx3.6/6.1, mbtmp3.8/11, ML3.3/1, Error ellipse: s-maj=49.9km s-min=19.4km az=138.0

ISCJB 10 03:24:55.6, 1.4, 2.7, 8N:0.2-64.0E:0.2, h33km, mb3.6/10, Error ellipse: s-maj=32.8km s-min=12.3km az=42.7

ISC 10 03:24:57.5, 1.9, 2.7, 7N:0.2-63.9E:0.3, h35km, n12, c198/12, mb3.8/10, Southwestern Pakistan

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

mB4.9/8, Ms4.6/3, Ms7.4/3/1
IDC 10 03:27:50.6, 0.5, 0.80S; 119°51'E, h0km, mb4.2/22,
mb1.4/3/24, mb1mx4.2/60, mbtmp4.2/24, ML3.8/22, MS3.4/8,
Ms1.3/4/8, ms1mx3.1/39, Error ellipse: s-maj=21.6km
s-min=10.7km az=75.0
ISCJB 10 03:27:53.7, 0.4, 0.82S; 0.03s; 119°53E; 0.03h, h33km,
mb4.2/27, MS3.5/6, Error ellipse: s-maj=5.0km
s-min=3.9km az=43.0
DJA 10 03:27:53.8, 1.1, 1°S; 3°11'9"E, h17km, 9km, M4.8/11,
mb5.0/5, mb5.4/2, ML4.7/11, Mw(mb)4.8/2
NEIC 10 03:27:55.7, 2.5, 0.93S; 0.04s; 119°52E; 0.04h, h42km, 7km,
mb4.4/31

ISC 10 03:27:55.7, 0.4, 0.89S; 0.04s; 119°56E; 0.04h, h35km, n108,
s167°102, mb4.3/30, MS3.4/6, Minahassa Peninsula, Sulawesi

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res		
ISC	h	m	s	ISC	h	m	s	ISC
SGKI	Sangatta, Kali	1.99	280	Op	P	03 28 30.4	+3.5	
APSI	Ampana	2.08	91	S	Pn	03 28 30.1	+1.9	
TTSI	Tana Toraja	2.16	173	P	Pn	03 28 31.3	+2.1	
SMKI	Samarinda	2.40	280	P	Pn	03 28 49.3	+1.7	
BKB	Balikpapan	2.69	262	P	Pn	03 28 33.9	+2.7	
EBK	Balikpapan	2.69	262	P	Pn	03 28 34.5	+2.1	
MRSI	Marisa	2.73	60	Sn	Pn	03 28 36.7	+0.5	
SPSI	Sidrap Palu	3.06	176	P	Pn	03 28 43.1	+1.4	
LWU1	Luwuk	3.21	93	P	Pn	03 28 45.7	+2.0	
LWU2	Luwuk	3.21	93	P	Pn	03 28 45.2	+1.5	
LWU3	Luwuk	3.21	93	P	Pn	03 29 21.5	+0.7	
BNSI	Bone	3.53	171	Sn	Pn	03 29 50.4	+2.3	
KAPI	Kappang	4.11	177	Sn	Pn	03 28 57.0	+1.0	
KAPI	Kappang	4.11	177	Sn	Pn	03 29 47.4	+4.6	
KAPI	Kappang	4.11	177	Sn	Pn	03 28 55.8	+0.2	
KAPI	Kappang	4.11	177	Sn	Pn	03 29 40.9	+1.9	
KBKI	Kotabaru	4.16	235	P	Pn	03 29 03.6	+6.9	
BKSI	Bulukumba	4.44	173	P	Pn	03 29 01.5	+0.9	
KMSI	Cibinung	4.65	72	P	Pn	03 29 23.1	+2.0	
SANI	Sanana	6.53	100	P	Pn	03 29 29.9	+0.3	
NLAI	Namlea	7.88	107	P	Pn	03 29 56.9	+8.9	
DAV	Davao City (W)	9.92	37	LR	LR	03 33 21.4		
SOE1	Soe	9.98	152	P	Pn	03 30 32.7	+1.6	
SOE2	Soe	9.98	152	P	Pn	03 30 50.4	+0.6	
SJUI	Sorong	11.70	90	LR	LR	03 36 17.3		
KLSI	Kota Tinggi	15.29	255	P	Pn	03 31 38.9	+5.4	
MYKOM	Kota Tinggi	15.94	280	Iamb	Iamb	03 31 38.4	+1.0	
MYKOM	Kota Tinggi	15.94	280	Iamb	Iamb	03 31 42.5		
MTN	Manton Dam	16.51	137	P	Pn	03 31 43.5	+1.3	
FITZ	Fitzroy Crossi	18.12	161	P	Pn	03 32 04.5	+0.2	
FITZ	Fitzroy Crossi	18.12	161	Iamb	Iamb	03 32 13.4		
FITZ	Fitzroy Crossi	18.12	161	Iamb	Iamb	03 32 13.4		
IPM	Ipop	19.27	286	P	Pn	03 32 17.8	+0.1	
IPM	Ipop	19.27	286	Iamb	Iamb	03 32 19.7		
KULM	Kulim	19.86	288	Pn	Pn	03 32 25.0	+0.8	
KULM	Kulim	19.86	288	Iamb	Iamb	03 32 25.4		
PSA00	Pilbara Seismi	20.56	179	P	Pn	03 32 30.4	+1.2	
PSA00	Pilbara Seismi	20.56	179	Iamb	Iamb	03 32 39.8		
RPSI	Rantau Prapat	20.94	280	P	Pn	03 32 38.7	+0.3	
RPSI	Rantau Prapat	20.94	280	Iamb	Iamb	03 32 43.6		
PSI	Prapat	20.96	280	P	Pn	03 32 36.6	+0.6	
JAY	Jayapura	21.19	95	LR	LR	03 41 52.3		
TRIT	Trang	21.63	294	P	Pn	03 32 47.3	+4.2	
SURT	Suratani	22.89	296	P	Pn	03 32 57.9	+1.3	
PANO	Nakornpanom	23.20	321	P	Pn	03 33 00.2	+0.5	
WRAB	Tennant Creek	23.83	144	P	Pn	03 33 05.1	+0.7	
WR1	Warramunga Arr	23.83	144	P	Pn	03 33 05.8	+0.0	
WR1	Warramunga Arr	23.83	144	PcP	PcP	03 33 10.3		
WR1	Warramunga Arr	23.83	144	Iamb	Iamb	03 33 10.3		
WRA	Warramunga Arr	23.83	144	P	Pn	03 33 05.8	+0.0	
WRA	Warramunga Arr	23.83	144	PcP	PcP	03 36 48.7	+0.0	
WRA	Warramunga Arr	23.83	144	LR	LR	03 44 32.9		
WRB	Warramunga Arr	23.84	144	P	Pn	03 33 04.6	+1.2	
WRB	Warramunga Arr	23.84	144	P	Pn	03 33 05.4	+0.4	
CHAI	Chaiyaphum	24.08	315	P	Pn	03 33 09.5	+1.4	
PBKT	Sadao Pong	25.25	314	P	Pn	03 33 20.1	+1.4	
PBKT	Sadao Pong	25.25	314	P	Pn	03 33 20.1	+1.4	
PBKT	Sadao Pong	25.25	314	Iamb	Iamb	03 33 20.2		
ASAR	Alice Springs	26.57	149	P	Pn	03 33 31.3	+0.5	
ASAR	Alice Springs	26.57	149	P	Pn	03 33 31.3	+0.5	
SLVN	Son La	26.87	326	P	Pn	03 33 32.0	+1.5	
CM31	Chiang Mai Arr	27.94	314	Iamb	Iamb	03 33 43.2	+0.2	
CM31	Chiang Mai Arr	27.94	314	Iamb	Iamb	03 33 43.2	+0.2	
CMAR	Chiang Mai Arr	27.94	314	P	Pn	03 33 43.2	+0.2	
CMAR	Chiang Mai Arr	27.94	314	P	Pn	03 33 42.4	+0.7	
MORW	Morawa	28.23	187	P	Pn	03 33 46.2	+0.7	
WHN	Wuhan	31.65	351	P	Pn	03 34 23.6	+7.9	
NWAO	Narrogin (SRO)	31.95	184	P	Pn	03 34 19.0	+0.7	
ENH	Enshi	32.44	344	P	Pn	03 34 22.0	+0.7	
NJ2	Nanjing	32.77	359	P	Pn	03 34 28.1	+2.6	
NJ2	Nanjing	32.77	359	Pmax	Pmax			
BBOO	Buckleboo	35.35	156	P	Pn	03 34 45.7	+2.3	
BBOO	Buckleboo	35.35	156	Iamb	Iamb	03 34 49.0		
STKA	Stephens Creek	37.19	148	P	Pn	03 35 05.1	+1.4	
KSAR	Wongu Array Be	38.91	348	P	Pn	03 35 17.5	+0.6	
KSRS	Korea Arr	38.93	311	P	Pn	03 35 17.6	+0.6	
KSRS	Korea Arr	38.93	311	LR	LR	03 50 35.3		
MAJO	Matsushiro Arr	41.07	23	P	Pn	03 35 35.8	+0.3	
MJAR	Matsushiro Arr	41.07	23	P	Pn	03 35 35.8	+0.3	
MJAR	Matsushiro Arr	41.07	23	LR	LR	03 51 39.4		
MJAR	Matsushiro Arr	41.07	23	P	Pn	03 35 37.5	+1.4	
GTA	Gatagai	44.00	338	eP	eP	03 36 00.8	+0.8	
GTA	Gatagai	44.00	338	pP	pP	03 36 04.3	+6.0	
GTA	Gatagai	44.00	338	pmax	pmax			
MDJ	Mudanjiang	46.18	10	P	Pn	03 36 15.3	+1.7	
USRK	Ussuriysk Arr	46.24	12	P	Pn	03 36 17.2	+0.4	
USRK	Ussuriysk Arr	46.24	12	P	Pn	03 36 16.9	+0.6	
ASAJ	Asahikawa	49.30	22	P	Pn	03 36 42.0	+0.8	
SONO	Songino Array	49.87	348	P	Pn	03 36 45.9	+0.2	
SONM	Songino Array	49.87	348	P	Pn	03 36 45.9	+0.2	
SONM	Songino Array	49.87	348	P	Pn	03 36 45.9	+0.2	
SONM	Songino Array	51.02	10	P	Pn	03 36 53.3	+0.9	
KSH	Kashi	56.60	320	P	Pn	03 37 39.5	+4.1	
KSH	Kashi	56.60	320	pP	pP	03 37 44.6	+3.2	
KSH	Kashi	56.60	320	S	S	03 45 30.3	+5.0	
KSH	Kashi	56.60	320	pmax	pmax			
KSH	Kashi	56.60	320	LR	LR			
KSH	Kashi	56.60	320	LR	LR			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res		
ISC	h	m	s	ISC	h	m	s	ISC
KSH	Kashi	56.60	320	LR	LR			
TARG	Taragay, Kyrgy	56.76	323	Iamb	Iamb	03 37 34.8	+2.1	
TARG	Taragay, Kyrgy	56.76	323	P	Pn	03 37 44.3		
MK31	Makanchi Array	57.62	330	P	Pn	03 37 43.0	+0.6	
MK31	Makanchi Array	57.62	330	Iamb	Iamb	03 37 46.7		
MK32	Makanchi Array	57.62	330	P	Pn	03 37 42.4	+0.1	
MK32	Makanchi Array	57.62	330	P	Pn	03 37 42.4	+0.1	
MK32	Makanchi Array	57.62	330	P	Pn	03 37 42.4	+0.1	
KBL	Kabul	58.93	312	P	Pn	03 37 49.8	+2.1	
AAK	Ala-Archa	59.29	323	P	Pn	03 37 53.7	+0.5	
DCZ	Deep Cove	60.95	144	P	Pn	03 38 03.4	+2.0	
ZAO	Zalesovo Array	61.75	338	P	Pn	03 38 08.1	+2.6	
ZAO	Zalesovo Array	61.75	338	Iamb	Iamb	03 38 20.4		
ZALV	Zalesovo Beam	61.75	338	P	Pn	03 38 09.1	+1.5	
ZALV	Zalesovo Beam	61.75	338	P	Pn	03 38 08.1	+2.5	
ZALV	Zalesovo Beam	61.75	338	P	Pn	03 38 09.1	+1.5	
KKAR	Karatay Array	62.00	321	P	Pn	03 38 13.2	+0.6	
KKAR	Karatay Array	62.00	321	Iamb	Iamb	03 38 17.1	+1.0	
KURB	Kurchatov Arra	62.06	332	P	Pn	03 38 11.6	+1.1	
KURK	Kurchatov	62.08	332	Iamb	Iamb	03 38 13.1	+0.2	
KURK	Kurchatov	62.08	332	Iamb	Iamb	03 38 17.0		
LBZ	Lake Benmore	62.25	141	P	Pn	03 38 11.7	+2.5	
YAK	Yakutsk	63.22	5	P	Pn	03 38 19.8	+0.5	
BVAO	Borovoye Array	67.50	330	P	Pn	03 38 47.3	+0.9	
BVAO	Borovoye Array	67.50	330	P	Pn	03 38 47.3	+0.9	
ABKAR	Abkulaik array	71.36	323	P	Pn	03 39 11.6	+0.5	
ABKAR	Abkulaik array	71.36	323	Iamb	Iamb	03 39 12.0	+0.1	
TIXI	Tiksi	72.66	3	P	Pn	03 39 18.2	+1.2	
TIXI	Tiksi	72.66	3	Iamb	Iamb	03 39 22.0		
AKTO	Aktyubinsk	72.97	324	P	Pn	03 39 20.8	+0.9	
NRKI	Noril'sk	73.35	349	P	Pn	03 39 23.1	+0.5	
MAW	Maxwell	77.02	199	P	Pn	03 39 45.9	+1.2	
KMBO	Kilima Mbogo	82.30	269	P	Pn	03 40 14.2	+0.6	
KMBO	Kilima Mbogo	82.30	269</					

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Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like FRFB, CNLB, ATAH, OGAUY, BB19B, TRQA, etc.

2013 OCT

Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like ESTN, CRPR, PDRP, ANWB, OBIP, etc.

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Table with columns: Station, Frequency, Power, SNR, and other metrics. Includes stations like CNNC, W59A, Y52A, W58A, LRLAL, etc.

T54A	baz=162 Tazewell	59.19 347	P	P	03 42 03.3 -0.2
CCAR	baz=164,SNR=5.1 Cane Creek	59.28 336	P	I Amb	03 42 07.3 +0.6 03 42 04.3
V48A	comp=Z,28nm,0.8s Smith Brothers	59.28 342	P	P	03 42 02.5 -0.6
V48A	baz=159,SNR=26 Smith Brothers	59.28 342	P	P	03 42 02.5 -0.6
T53A	Wise	59.33 346	P	P	03 42 02.3 -0.3
S57A	baz=163,SNR=8.2 Dark Hollow, R	59.35 349	P	P	03 42 03.5 -0.1
U50A	baz=167 Jamesstown	59.36 344	P	P	03 42 02.8 -0.8
R58B	baz=161,SNR=10 Mineral	59.38 350	P	P	03 42 03.6 -0.1
S56A	baz=168 Natural Bridge	59.38 349	P	P	03 42 03.8 0.0
CLTN	baz=167 Cedars of Leba	59.46 342	P	I Amb	03 42 04.0 -0.4 03 42 04.6
X43A	comp=Z,20nm,0.7s Marvell	59.49 337	P	P	03 42 04.4 -0.2
X43A	baz=154,SNR=7.1 Marvell	59.49 337	P	P	03 42 04.4 +0.3
R59A	King George, V	59.49 351	P	P	03 42 04.4 0.0
T52A	baz=169 Hallie	59.55 345	P	P	03 42 04.5 -0.4
WLAR	White Oak Lake	59.59 335	P	P	03 42 06.4 +1.2
T51A	Gray	59.65 345	P	P	03 42 05.0 -0.6
S55A	baz=162,SNR=6.2 Lewisburg	59.65 348	P	P	03 42 06.1 +0.4
U49A	baz=166,SNR=12 Red Boiling Sp	59.70 343	P	P	03 42 05.1 -0.9
R58A	baz=160,SNR=12 Rapidan	59.72 350	P	P	03 42 06.2 +0.1
R57A	Stanardsville	59.80 350	P	P	03 42 06.8 +0.1
S54A	baz=168 Dingess, Beckl	59.84 347	P	P	03 42 07.0 0.0
S54A	baz=165,SNR=11 Dingess, Beckl	59.84 347	P	P	03 42 07.3 +0.3
JCT	Junction City	59.88 328	P	P	03 42 07.3 0.0
JCT	baz=144,SNR=8.4 Junction City	59.88 328	P	P	03 42 07.8 +0.4
JCT	comp=Z,16nm,0.9s Junction City	59.88 328	P	I Amb	03 42 07.8 +0.4 03 42 08.5
S53A	comp=Z,16nm,0.9s Williamson	59.90 346	P	P	03 42 06.9 -0.5
T50A	baz=164 Nancy	59.93 344	P	P	03 42 06.7 -0.8
WVT	baz=161,SNR=9.5 Waverly	59.94 341	P	P	03 42 06.7 -1.0
WVT	baz=158 Waverly	59.94 341	P	P	03 42 06.5 -1.1
WVT	comp=Z,51nm,0.6s Waverly	59.94 341	P	P	03 42 06.5 -1.1
WHTX	Lake Whitney	59.99 330	P	P	03 42 08.2 +0.2
WHTX	baz=147,SNR=7.4 Lake Whitney	59.99 330	P	I Amb	03 42 08.6 +0.6 03 42 08.8
R56A	comp=Z,14nm,0.8s Bull Pasture M	60.06 349	P	P	03 42 08.7 +0.2
S52A	baz=167 Salersville	60.12 346	P	P	03 42 08.1 -0.7
R54A	Victor	60.15 348	P	P	03 42 09.0 0.0
VNA3	Neumayer Oltypm	60.18 162	P	P	03 42 10.3 +1.5
X40A	Basin Creek Fa	60.19 336	P	P	03 42 09.1 -0.2
T49A	Edmonton	60.19 343	P	P	03 42 08.6 -0.7
T49A	baz=160,SNR=21 Edmonton	60.19 343	P	P	03 42 08.6 -0.7
S51A	Edmonton	60.19 343	P	P	03 42 08.6 -0.7
S51A	Beattyville	60.20 345	P	I Amb	03 42 08.9 -0.5 03 42 09.5
UALR	comp=Z,18nm,0.8s University of	60.26 336	P	I Amb	03 42 09.6 -0.1 03 42 10.3
LPAR	comp=Z,20nm,1.0s Lepanto	60.26 338	P	P	03 42 10.3 +0.5
Q58A	Fox Den Farm,	60.30 351	P	P	03 42 09.7 -0.3
HPIG	baz=169 Westport, CT	60.34 320	P	I Amb	03 42 11.7 +0.9 03 42 12.1
VNA1	comp=Z,15nm,0.6s Neumayer-Stat	60.36 161	P	P	03 42 12.1 +2.1
S50A	Richmond	60.44 344	P	P	03 42 10.4 -0.6
UTMT	University of	60.46 340	P	P	03 42 10.9 -0.2
R53A	Hurricane	60.49 347	P	P	03 42 11.0 -0.3
R53A	baz=164,SNR=7.6 Hurricane	60.49 347	P	P	03 42 11.5 +0.2
GNAR	Gosnell	60.50 339	P	P	03 42 11.5 +0.1
Q57A	Strasburg	60.51 350	P	P	03 42 11.8 +0.4
T47A	baz=168,SNR=6.4 Sharon Grove	60.52 342	P	P	03 42 10.7 -0.9
T47A	baz=159,SNR=8.3 Sharon Grove	60.52 342	P	P	03 42 10.7 -0.9
MIAR	Mount Ida	60.53 335	P	P	03 42 11.3 -0.4
MIAR	baz=152,SNR=7.5 Mount Ida	60.53 335	P	P	03 42 11.5 -0.1
MIAR	comp=Z,9.0nm,0.9s Mount Ida	60.53 335	P	P	03 42 11.4 -0.1
GLAT	Glass	60.53 340	P	P	03 42 11.5 -0.1
W41B	Gary Mavity, V	60.58 337	P	P	03 42 11.2 -0.8
W41B	baz=163 Gary Mavity, V	60.58 337	P	P	03 42 11.5 -0.4
Q56A	Snyder Ridge,	60.64 349	P	P	03 42 12.8 +0.5
Q56A	baz=167,SNR=7.0 Snyder Ridge,	60.64 349	P	I Amb	03 42 13.2 +0.9 03 42 13.7
R52A	comp=Z,30nm,0.7s Cattlettsburg	60.65 346	P	P	03 42 12.0 -0.3
P61A	Hammond	60.65 353	P	P	03 42 12.8 +0.6
WHAR	Woolly Hollow	60.69 337	P	P	03 42 12.5 -0.2
VNA2	Neumayer-Watz	60.73 161	P	P	03 42 14.3 +1.7
Q55A	Buckhannon	60.76 349	P	P	03 42 13.8 +0.6
HICK	Hickman	60.76 340	P	P	03 42 13.3 +0.2
S49A	Springfield	60.76 344	P	P	03 42 12.1 -1.1
P59A	baz=161,SNR=8.2 Jarrettsville	60.78 352	P	P	03 42 13.4 +0.2
P58A	baz=170 Pank, Wackersv	60.78 351	P	P	03 42 12.9 -0.4
R51A	Hillsboro	60.83 345	P	P	03 42 13.1 -0.5
P60A	Greenville	60.88 353	P	P	03 42 13.5 -0.3
P57A	Homestead Farm	60.88 351	P	P	03 42 14.3 +0.4
P57A	baz=168 Homestead Farm	60.88 351	P	I Amb	03 42 14.8 +0.8 03 42 15.2
Q54A	comp=Z,23nm,0.7s Coxs Mills	60.89 348	P	P	03 42 13.9 -0.1
Q54A	baz=166 Coxs Mills	60.89 348	P	I Amb	03 42 13.8 -0.2 03 42 14.6
Q53A	comp=Z,27nm,0.9s Leroy	60.91 347	P	P	03 42 14.3 +0.1
LCAR	baz=165,SNR=16 Lake Charles	60.98 338	P	I Amb	03 42 14.2 -0.4 03 42 14.8
R50A	comp=Z,15nm,0.7s Paris	60.99 345	P	P	03 42 14.1 -0.6
R50A	baz=162,SNR=6.1 Paris	60.99 345	P	P	03 42 14.3 -0.3 03 42 14.9
TX31	Lajitas Ar. Si	61.01 324	P	P	03 42 15.3 +0.2
TX32	Lajitas Array	61.01 324	P	P	03 42 15.3 +0.2
TXAR	Lajitas Array	61.01 324	P	P	03 42 15.4 +0.3
TXAR	comp=Z,5.0nm,0.6s,ba Lajitas Array	61.01 324	P	P	03 42 15.1 0.0 03 42 14.8 -0.1
P56A	Dayton Farm,	61.04 350	P	P	03 42 15.1 0.0

O61A	Allentown	61.04 354	P	P	03 42 14.8 -0.1
PARMO	baz=172 Parma	61.04 339	P	P	03 42 15.2 +0.2
Q52A	Bidwell	61.16 347	P	P	03 42 15.5 -0.3
FCAR	Ozark Folk Cen	61.17 337	P	I Amb	03 42 15.1 -0.8 03 42 16.0
W39A	comp=Z,15nm,0.8s Magazine	61.18 335	P	P	03 42 16.3 +0.3
W39A	baz=152,SNR=5.6 Magazine	61.18 335	P	I Amb	03 42 16.6 +0.7 03 42 17.4
P55A	Reedsville	61.21 349	P	P	03 42 16.5 +0.4
O58A	baz=167 Lewisberry	61.35 352	P	P	03 42 17.3 +0.2
O60A	baz=170 Telford	61.35 353	P	P	03 42 17.3 +0.2
MCWV	Mont Chateau	61.36 349	P	P	03 42 17.4 +0.4
MCWV	baz=167,SNR=8.2 Mont Chateau	61.36 349	P	I Amb	03 42 17.5 +0.4 03 42 18.2
PBMO	comp=Z,21nm,0.8s Poplar Bluff	61.37 339	P	S	03 42 16.8 -0.5 03 50 21.9 +0.1 03 42 17.7 +0.1
P54A	Burton	61.42 348	P	P	03 42 16.8 -0.5
Q50A	Georgetown	61.44 345	P	P	03 42 16.9 -0.8
O59A	Robesonia	61.44 352	P	P	03 42 17.3 -0.4
WCI	Wyandotte Cave	61.45 343	P	P	03 42 16.7 -1.1
WCI	Wyandotte Cave	61.45 343	P	P	03 42 16.6 -1.1
WCI	comp=Z,36nm,0.6s Wyandotte Cave	61.45 343	P	P	03 42 16.6 -1.2 03 42 17.3 -0.6
Q51A	Peebles	61.46 346	P	I Amb	03 42 17.5 -0.3 03 42 18.1
P53A	Whipple	61.49 348	P	P	03 42 18.0 +0.1
O57A	Whipp	61.54 351	P	P	03 42 18.1 +0.1 03 42 18.7 +0.4
ABTX	Abilene, Hawle	61.55 329	P	P	03 42 18.5 -0.1
ABTX	USIN	61.59 342	P	I Amb	03 42 19.0 +0.5 03 42 17.7 -1.0 03 42 18.3
N61A	comp=Z,28nm,0.8s South Mountain	61.66 354	P	P	03 42 19.7 +0.6
O56A	Blue Knob Stat	61.74 350	P	P	03 42 20.1 +0.4
P52A	Corning	61.78 347	P	P	03 42 19.3 -0.6
O55A	Carbondale	61.80 350	P	P	03 42 20.3 +0.3
Q49A	Aurora	61.82 344	P	P	03 42 19.2 -1.0
S44A	baz=161,SNR=5.3 Carbondale	61.83 340	P	P	03 42 19.4 -0.9
SIUC	Southern Ilin	61.83 340	P	P	03 42 19.7 -0.6
P51A	Williamsport	61.84 346	P	I Amb	03 42 19.5 -0.8 03 42 20.3
P51A	Williamsport	61.84 346	P	I Amb	03 42 19.8 -0.5
U40A	Yellville	61.85 337	P	P	03 42 20.0 -0.5
U40A	baz=162,SNR=9.3 Yellville	61.85 337	P	I Amb	03 42 19.9 -0.5 03 42 20.9
N60A	comp=Z,12nm,0.8s Cedar Hill Far	61.87 353	P	P	03 42 20.2 -0.2
PAL	Palisades	61.88 354	P	P	03 42 20.8 +0.2
Q48A	North Vernon	61.96 344	P	P	03 42 21.0 -1.0
O54A	Avella	61.99 349	P	P	03 42 20.1 -0.1
N59A	State Game Lan	61.99 353	P	P	03 42 21.3 0.0
WSPt	Westport, CT	61.99 355	P	pP	03 42 21.4 +0.2 03 43 07.0 -1.8 03 42 21.3 0.0
SSPA	Standing Stone	61.99 351	P	P	03 42 21.6 +0.1
N58A	Sunbury	62.03 352	P	P	03 42 21.6 -0.2
N57A	Milroy	62.05 351	P	P	03 42 21.5 -0.7
P50A	Jamesstown	62.12 346	P	P	03 42 22.3 -0.2
M61A	Granite Spring	62.17 354	P	P	03 42 22.2 -0.4
O52A	Adamsville	62.18 347	P	P	03 42 22.2 -0.4
O52A	Adamsville	62.18 347	P	P	03 42 22.2 -0.4
O53A	New Philadelph	62.19 348	P	P	03 42 22.4 -0.3
HHAR	Hobbs	62.19 336	P	I Amb	03 42 22.7 -0.1 03 42 23.4
HHAR	comp=Z,18nm,0.9s Hamden	62.23 355	P	P	03 42 22.9 +0.1
M62A	Hamden	62.23 355	P	P	03 42 22.9 +0.1
M60A	Port Jervis	62.27 354	P	P	03 42 22.9 -0.2
P49A	Urbana	62.27 345	P	P	03 42 22.2 -1.0
N55A	Mariion Center	62.30 350	P	P	03 42 23.6 +0.2
N55A	baz=168,SNR=11 Mariion Center	62.30 350	P	P	03 42 23.7 +0.1
N56A	West Decatur	62.33 351	P	P	03 42 23.3 -0.5
MGMO	Mountain Grove	62.35 338	P	I Amb	03 42 23.8 -0.5
MGMO	comp=Z,12nm,0.8s Snaa	62.37 161	P	P	03 42 25.0 +1.4 03 42 24.6 +1.0 03 42 24.7 +1.1 03 42 25.9
O51A	Pataskala	62.37 347	P	P	03 42 23.3 -0.6
P48A	Milroy	62.38 344	P	P	03 42 22.5 -1.4
P48A	baz=161,SNR=5.6 Milroy	62.38 344	P	I Amb	03 42 22.6 -1.4 03 42 22.3
BLO	Bloomington	62.40 343	P	P	03 42 23.5 -0.5
BLO	comp=Z,48nm,0.6s Bloomington	62.40 343	P	P	03 42 23.5 -0.5 03 42 23.2 -1.1 03 42 23.7
OLIL	Olney	62.43 342	P	I Amb	03 42 23.7
FVM	French Village	62.47 340	P	P	03 42 24.0 -0.5
FVM	comp=Z,80nm,0.6s French Village	62.47 340	P	P	03 42 24.0 -0.5 03 42 25.1 +0.3
M58A	Alum Creek Sta	62.53 3			

Table with columns: ID, Name, Value, P, I, A, M, B, and other metrics. Includes entries like 164A Boothbay, 162A Tamworth, K52A Tillsonburg, etc.

Table with columns: ID, Name, Value, P, I, A, M, B, and other metrics. Includes entries like LMN Caledonia Moun, I48A Sherman Twp, I47A Gladwin, etc.

Table with columns: ID, Name, Value, P, I, A, M, B, and other metrics. Includes entries like D53A Lac Vacive, Po, D53A Lockeyer, SDCO Great Sand Dun, etc.

SRU	baz=131	San Rafael Swe	72.10 326	P	P	03 43 26.5 +1.3
SRU	comp=Z,31nm,0.7s	San Rafael Swe	72.10 326	P	P	03 43 26.5 +1.3
SRU	MTPU	Mount Pierson	72.10 324	P	P	03 43 27.8 +1.7
Q16A		Castle Valley	72.30 325	P	P	03 43 28.1 +1.6
HEC		Hector,Ludlow	72.38 319	P	P	03 43 28.6 +1.7
SZCU	baz=132	Shurtz Canyon	72.39 323	P	P	03 43 28.9 +1.9
RWWY		Rawlins	72.40 330	P	P	03 43 28.6 +1.6
P17A		Butcher Ranch,	72.48 326	P	P	03 43 28.9 +1.5
CTUT		Cedar City	72.51 323	P	P	03 43 30.1 +2.3
TUQ		Turquoise Moun	72.54 320	P	P	03 43 29.6 +1.7
MSU	baz=133,SNR=6.1	Marysvalle	72.54 325	P	P	03 43 30.0 +2.1
MSU		Marysvalle	72.54 325	P	P	03 43 30.0 +2.1
TMUT		Trail Mountain	72.59 326	P	P	03 43 30.1 +1.8
RDUM		Red Mountain	72.70 328	P	P	03 43 29.8 +1.0
TCRU		Three Creeks R	72.76 324	P	P	03 43 31.3 +2.1
BFSO		Mount Baldy Ra	72.80 318	P	P	03 43 31.0 +1.5
SHPR	baz=131	Sheep Range	72.81 321	P	P	03 43 31.5 +2.0
RRX		Edison Barstow	72.81 319	P	P	03 43 31.1 +1.7
K22A	baz=132	Casper	72.83 331	P	P	03 43 31.0 +1.5
K22A	comp=Z,31nm,0.9s	Casper	72.83 331	P	P	03 43 31.0 +1.5
RSSD	baz=142	Black Hills	72.92 333	P	P	03 43 31.0 +1.0
RSSD		Black Hills	72.92 333	P	P	03 43 31.0 +1.0
RSSD	comp=Z,20nm,0.9s	Black Hills	72.92 333	P	P	03 43 30.8 +0.8
RSSD		Black Hills	72.92 333	P	P	03 43 30.8 +0.8
GSC	comp=Z,20nm,0.9s	Goldstone, Bar	72.98 319	P	P	03 43 32.1 +1.7
GSC	baz=132,SNR=5.5	Goldstone, Bar	72.98 319	P	P	03 43 32.6 +2.2
GSC		Goldstone, Bar	72.98 319	P	P	03 43 32.6 +2.2
GSC	comp=Z,9.0nm,0.9s	Goldstone, Bar	72.98 319	P	P	03 43 32.6 +2.2
SHOC		Shoshone, Teco	73.06 320	P	P	03 43 32.5 +1.8
DECO	baz=133	Green Verdugo	73.24 318	P	P	03 43 33.5 +1.6
DECO	baz=131	Maple Canyon	73.34 326	P	P	03 43 34.2 +1.7
MPU		Edwards Air Fo	73.43 318	P	P	03 43 34.3 +1.3
EDW2	baz=131,SNR=5.3	Edwards Air Fo	73.43 318	P	P	03 43 34.2 +1.7
AGMN		Agassiz Nation	73.47 341	P	P	03 43 32.8 -0.1
AGMN	baz=152,SNR=24	Agassiz Nation	73.47 341	P	P	03 43 32.7 -0.1
AGMN		Agassiz Nation	73.47 341	P	P	03 43 35.3 +1.9
PSUT		Laurel Mtn Rad	73.63 319	P	P	03 43 35.6 +1.3
LRMC	baz=131	Jordanelle	73.68 326	P	P	03 43 36.2 +1.7
JLU		Topopah Spring	73.75 321	P	P	03 43 37.0 +2.0
TPNV	baz=133,SNR=20	Topopah Spring	73.75 321	P	P	03 43 37.0 +2.0
TPNV		Topopah Spring	73.75 321	P	P	03 43 37.0 +2.0
TPNV	comp=Z,11nm,0.8s	Topopah Spring	73.75 321	P	P	03 43 37.0 +2.0
TPNV		Topopah Spring	73.75 321	P	P	03 43 37.0 +2.0
FURC	baz=132,SNR=12	Manual Prospec	73.90 320	P	P	03 43 37.2 +1.3
MPMC		Manual Prospec	73.90 320	P	P	03 43 37.2 +1.3
CTU	baz=132,SNR=5.8	Camp Tracy	73.90 326	P	P	03 43 37.4 +1.6
TCUT		Toone Canyon	74.04 327	P	P	03 43 38.4 +1.8
DUG		Dugway, Tooele	74.10 325	P	P	03 43 38.5 +1.6
DUG	baz=136,SNR=16	Dugway, Tooele	74.10 325	P	P	03 43 38.5 +1.6
DUG		Dugway, Tooele	74.10 325	P	P	03 43 38.5 +1.6
DAC		Darwin (Calif)	74.11 320	P	P	03 43 39.0 +1.9
DAC	comp=Z,17nm,1.1s	Darwin (Calif)	74.11 320	P	P	03 43 39.0 +1.9
DAC		Isabella, Lake	74.24 319	P	P	03 43 39.5 +1.9
ISA	baz=132,SNR=12	Isabella, Lake	74.24 319	P	P	03 43 39.6 +1.9
ISA		Isabella, Lake	74.24 319	P	P	03 43 39.6 +1.9
ISA	comp=Z,21nm,1.1s	Isabella, Lake	74.24 319	P	P	03 43 39.6 +1.9
ISA		Isabella, Lake	74.24 319	P	P	03 43 39.6 +1.9
MDND	comp=Z,21nm,1.1s	Madcock	74.31 338	P	P	03 43 38.6 +0.8
MDND	baz=149,SNR=29	Madcock	74.31 338	P	P	03 43 38.5 +0.8
MDND		Troy Canyon, C	74.33 322	P	P	03 43 40.2 +1.9
R11A	baz=134,SNR=17	Troy Canyon, C	74.33 322	P	P	03 43 40.2 +1.9
R11A		Boulder Array	74.35 329	P	P	03 43 39.1 +0.7
BW06	baz=139,SNR=5.5	Boulder Array	74.35 329	P	P	03 43 39.0 +0.7
PD31		Pinedale Array	74.35 329	P	P	03 43 39.0 +0.6
PDAR	baz=139,SNR=5.5	Pinedale Array	74.35 329	P	P	03 43 39.0 +0.6
PDAR	comp=Z,3.8nm,0.5s,baz=152,slow=8.4,SNR=5.7	Pinedale Array	74.35 329	P	P	03 43 38.5 +0.1
GRAC	baz=132	Grapevine Rang	74.45 320	P	P	03 43 40.6 +1.7
CWC		Cottonwood Cre	74.51 320	P	P	03 43 40.9 +1.5
PKM	baz=131	Mcpherson Peak	74.58 317	P	P	03 43 41.5 +1.6
VES	baz=130	Vestal, Richgr	74.73 319	P	P	03 43 42.0 +1.5
BGU	baz=130,SNR=9.0	Big Grassy Mou	74.74 326	P	P	03 43 41.9 +1.3
SMMC		Simmer	74.97 318	P	P	03 43 43.7 +1.9
TIN	baz=130,SNR=6.4	Tinemaha, Big	75.00 320	P	P	03 43 44.2 +2.0
AHD	baz=131	Auburn Hatcher	75.10 328	P	P	03 43 43.8 +1.2
AHD		Lac du Bonnet	75.20 341	P	P	03 43 42.5 -0.2
ULM	comp=Z,31nm,0.8s	Lac du Bonnet	75.20 341	P	P	03 43 42.5 -0.2
ULM	comp=Z,65nm,0.6s,baz=152,slow=6.2,SNR=10.7	Lac du Bonnet	75.20 341	P	P	03 43 42.6 -0.2
ULM		Lac du Bonnet	75.20 341	P	P	03 43 42.6 -0.2
ULM	comp=Z,64nm,0.7s	Lac du Bonnet	75.20 341	P	P	03 43 42.6 -0.2
HVU		Hansel Valley	75.22 327	P	P	03 43 44.4 +1.1
HVU	comp=Z,26nm,1.1s	Hansel Valley	75.22 327	P	P	03 43 44.4 +1.1
PAGB		Antelope Grade	75.39 318	P	P	03 43 44.4 +1.1
PAGB		Antelope Grade	75.39 318	P	P	03 43 46.4 +2.2
SCHO	comp=Z,24nm,1.1s	Schefferville	75.41 0	P	P	03 43 43.6 -0.3
SCHO	comp=Z,15nm,0.7s,baz=217,slow=4.5,SNR=7.0	Schefferville	75.41 0	P	P	03 43 44.2
REDF	comp=Z,16nm,0.8s	Red Top Meadow	75.42 329	P	P	03 43 45.7 +1.2
REDF		Red Top Meadow	75.42 329	P	P	03 43 45.7 +1.2
SNOW	comp=Z,21nm,0.8s	Snow King Moun	75.45 329	P	P	03 43 46.2 +1.5
SNOW		Snow King Moun	75.45 329	P	P	03 43 47.1
LOHW	comp=Z,22nm,0.8s	Long Hollow	75.49 329	P	P	03 43 46.2 +1.4
LOHW		Long Hollow	75.49 329	P	P	03 43 46.7
TPAW	comp=Z,14nm,0.7s	Teton Pass	75.56 329	P	P	03 43 46.7 +1.4
TPAW		Teton Pass	75.56 329	P	P	03 43 47.8
MOOW	comp=Z,19nm,0.8s	Moose Ponds	75.66 329	P	P	03 43 47.1 +1.2
FXVY		Fox Creek	75.71 329	P	P	03 43 47.4 +1.3
TOAO		Torodi Ar. Sit	75.73 70	I	Amb	03 43 45.5 -1.0
TOAO	comp=Z,22nm,0.9s	Torodi Ar. Sit	75.73 70	I	Amb	03 43 45.5 -1.0
TOA1		Torodi Ar. Be	75.73 70	P	P	03 43 45.7 -0.8
TORD		Torodi Ar. Be	75.73 70	P	P	03 43 45.7 -0.8
TORD	comp=Z,9.9nm,0.5s,baz=242,slow=5.9,SNR=10.2	Torodi Ar. Be	75.73 70	P	P	03 43 45.7 -0.8
TORD	comp=Z,1.2nm,1.0s,baz=242,slow=11,SNR=5.0	Torodi Ar. Be	75.73 70	P	P	03 43 43.9 -2.6
MLAC		Mammoth/5.75	75.73 320	P	P	03 43 47.8 +1.4
ELK	baz=131	Elko	75.79 324	P	P	03 43 48.0 +1.3
ELK		Elko	75.79 324	P	P	03 43 48.0 +1.3
ELK	comp=Z,9.0nm,1.0s	Elko	75.79 324	P	P	03 43 48.0 +1.3
ELK		Old Mammoth Mi	75.83 320	I	Amb	03 43 48.8 +1.7
OMMB	comp=Z,17nm,0.9s	Indian Meadow	75.86 329	P	P	03 43 48.4 +1.4
IMW		Indian Meadow	75.86 329	P	P	03 43 49.5
IMW	comp=Z,34nm,0.9s	Indian Meadow	75.86 329	P	P	03 43 49.5

FLWY		Flagg Ranch	75.89 329	P	P	03 43 48.9 +1.8
MDPB		Devils Postpil	75.89 320	P	P	03 43 49.2 +1.9
LAO		LASA Array	75.90 334	P	P	03 43 47.8 +0.9
LAO	baz=143,SNR=16	LASA Array	75.90 334	I	Amb	03 43 47.8 +0.9
LAO		LASA Array	75.90 334	I	Amb	03 43 48.8
NV01	comp=Z,34nm,1.0s	Mina Array Sit	75.95 321	P	P	03 43 49.2 +1.6
NVAR		Mina Array Be	75.95 321	P	P	03 43 49.2 +1.6
NVAR	comp=Z,8.7nm,0.9s,baz=158,slow=6.7,SNR=37	Mina Array Be	75.95 321	P	P	03 43 49.0 +1.3
RLMT		Red Lodge	76.00 331	P	P	03 43 49.1 +1.4
RLMT	baz=140,SNR=30	Red Lodge	76.00 331	P	P	03 43 49.2 +1.4
RLMT		Red Lodge	76.00 331	I	Amb	03 43 50.0 +1.8
H17A	comp=Z,32nm,0.7s	Grant Village	76.06 330	P	P	03 43 50.0 +1.8
H17A	baz=139,SNR=15	Grant Village	76.06 330	P	P	03 43 50.2 +2.0
H17A		Grant Village	76.06 330	I	Amb	03 43 51.5
YPP	comp=Z,15nm,0.8s	Pitchstone Pla	76.08 329	P	P	03 43 50.4 +2.1
LKWW		Lake	76.11 330	P	P	03 43 49.4 +1.0
LKWW		Lake	76.11 330	P	P	03 43 49.4 +1.0
LKWW	comp=Z,32nm,1.0s	Lake	76.11 330	I	Amb	03 43 51.9
YMP	comp=Z,32nm,0.9s	Mirror Lake Pl	76.12 330	P	P	03 43 50.5 +2.0
RVN		Yerington	76.22 321	P	P	03 43 50.7 +1.6
KVN		Kaiserville	76.25 322	P	P	03 43 50.7 +1.5
KVN		Kaiserville	76.25 322	P	P	03 43 50.7 +1.5
KVN	comp=Z,20nm,0.9s	Kaiserville	76.25 322	I	Amb	03 43 51.5
YNR		Norris Junctio	76.35 330	P	P	03 43 52.6 +2.8
YMR		Madison River	76.45 330	P	P	03 43 52.4 +2.1
YHH		Holmes Hill	76.48 330	P	P	03 43 52.5 +1.9
DGMT		Dagmar	76.52 336	P	P	03 43 51.6 +1.2
DGMT	baz=145,SNR=22	Dagmar	76.52 336	P	P	03 43 51.7 +1.4
DYGO		Syowa Base	76.54 159f	eP	P	03 43 49.0 -1.2
SYO		Syowa Base	76.54 159f	eP	P	03 43 59.0 -1.9
SYO		Syowa Base	76.54 159f	eP	P	03 44 56.7 +5.7
SYO		Syowa Base	76.54 159f	eP	P	03 53 26.0 +7.0
YHB		Horse Butte	76.62 329	P	P	03 43 53.3 +2.1
WAKR		Walker	76.67 320	P	P	03 43 54.1 +2.5
YHL		Hebgen Lake	76.69 330	P	P	03 43 53.7 +2.0
GCMT		Greycroft	76.70 331	P	P	03 43 52.8 +1.2
SBA		Scott Base	76.70 190	P	P	03 43 53.2 +2.2
SBA	comp=Z,9.0nm,1.2s	Scott Base	76.70 190	P	P	03 43 53.2 +2.2
OLMT		Earthquake Lak	76.79 329	P	P	03 43 54.3 +2.1
YERR		Yerington	76.87 321	P	P	03 43 55.0 +2.2

Table with 5 columns: Station Name, Azimuth, Phase, ID, Time. Includes stations like CD2, HC, WHN, HJZ.

Table with 5 columns: Station Name, Azimuth, Phase, ID, Time. Includes stations like KUR, TYV, TYV, SEY.

Table with 5 columns: Station Name, Azimuth, Phase, ID, Time. Includes stations like ZAK, ZAK, BESE, BESE.

IDC 10 04:04:13.2:0.8, 5:00S-151.28E, h136km, 22km, mb3.7/3, mb1 4.0/3, mb1mx3.3/30, mbtmp4.1/3, Error ellipse: s-maj=99.3km s-min=29.6km az=126.0, New Britain region

Table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like KRVT, WRA, FITZ, TORD.

Table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like ERM, BILL, BILL, TEY.

Table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like WHN, XAN, XAN, XAN.

BUI 10 04:20:57.8:0.0, 52.51N:160.41E, h8km, mb4.7/38, mb4.9/31, Ms4.8/27, Ms7.4/6/25

KRSC 10 04:20:58.5:1.5, 52.14N:160.92E, h60km, 23km, ML4.8, IDC 10 04:20:59.0:0.5, 52.35N:160.50E, h0km, mb4.5/28

ISCJBJ 10 04:21:00.1:0.8, 52.18N:160.74E:0.0/3, h22km, 5km, mb4.8/134, MS4.2/27, Error ellipse: s-maj=4.5km s-min=3.0km az=158.9

NEIC 10 04:21:02.4:2.2, 52.25N:160.64E:0.0/9, h24km, 5km, mb4.8/92

MOS 10 04:21:02.7:1.2, 52.24N:160.63E, h42km, mb5.1/72, MS4.3/7, Error ellipse: s-maj=5.9km s-min=3.2km az=104.0

ISC 10 04:21:02.1:0.7, 52.23N:160.72E:0.0/3, h26km, 4km, n495, r1818/518, mb4.8/153, MS4.2/27, 41C-29D, Off east coast of Kamchatka Peninsula

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like SPN, SPN, SPN, NLC, NLC, NLC, etc.

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like USAO, USAO, USAO, USRK, MDJ, MDJ, etc.

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase, ID, Time. Includes stations like ZAK, ZAK, BESE, BESE, NJ2, NJ2, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Maguayez Isian, Cerrillos, Punta Cana, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Santiaio Chiao, EOS1, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EOS1, TIBP, TWC, TWE, TWS, etc.

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

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

IDC 10 05:38:47.2, 4.46, 13N-43.75E, h0km, mb4.3/1, mb1.3/4, mb1mx3.4/4, mbtmp3.7/4, ML3.1/3, Error ellipse: s-maj=49.9km s-min=13.6km az=85.0

ISC 10 05:38:47.6, 1.0, 46.1N, 0.1, 43.68E, 0.08, h10km, n6, c368/8, 3D, Ukraine-Moldova-Southwestern Russia region

IDC 10 05:47:27.6, 2.3, 33S, 125.54E, h0km, mb3.3/2, mb1.3/3, mb1mx3.3/36, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=364.0km s-min=27.4km az=63.0, Ceram Sea

RSPR 10 05:48:29.0, 19.08N, 67.41W, h31km, 11km, MD3.2/10 OSPL 10 05:48:31.3, 1.8, 18.91N, 67.42W, h0km, 15km, MD3.4, ML2.4

ISC 10 05:48:24.2, 1.7, 19.12N, 0.07, 67.35W, 0.03, h4km, 12km, n43, c096/54, 8C-6D, Mona Passage

IDC 10 05:57:59.1, 4.0, 59.71S, 148.64E, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.8/36, mbtmp3.9/3, MS3.9/8, Ms1 3.8/8, ms1mx3.5/33, Error ellipse: s-maj=279.1km s-min=28.6km az=80.0, West of Macquarie Island

ISC/JB 10 05:53:58.0, 5.0, 24.88N, 0.03, 122.23E, 0.02, h6km, 3km, Error ellipse: s-maj=4.5km s-min=3.4km az=13.4

TAP 10 05:53:59.6, 24.89N, 122.20E, h6km, ML2.9, C JMA 10 05:53:59.0, 1.2, 24.78N, 122.19E, h0km, ML2.5

ISC 10 05:53:59.1, 1.2, 24.84N, 0.03, 122.21E, 0.02, h2km, 11km, n33, c066/58, Taiwan region

DDA 10 06:02:12.9, 39.70N, 28.55E, h11km, 1km, ML2.8 ISK 10 06:02:12.9, 39.73N, 28.57E, h8km, ML2.5/11

ISC/JB 10 06:02:13.0, 0.4, 39.73N, 0.03, 28.55E, 0.03, h3km, 6km, Error ellipse: s-maj=4.5km s-min=3.9km az=135.5

ISC 10 06:02:13.0, 0.4, 39.72N, 0.03, 28.55E, 0.03, h11km, 8km, n23, c047/29, Turkey

Table with columns: ATVO, FOSV, ATMI, EL6, RUFU, SNTG, ATCC, SEI, CAFI, ATTE, BRUN, SACS, TEOL, NVLJ, DUGI, TRI, ZIRJ, MORI, MABI, RISI, etc. Each row contains station name, coordinates, and other data.

IDC 10 07:57:52.9.2.2, 20.96Sx178.80W, h571km, 28km, mb3.0/7, mb1 3.3/9, mb1mx3.1/26, mbtmpr4.1/9, Error ellipse: s-maj=31.4km s-min=15.6km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like AFU, URZ, CTX, ASAR, etc.

DDA 10 07:59:10.9, 38.19N; 34.22E, h7km, 4km, ML2.6
ISCJ 10 07:59:11.8, 0.8, 38.17N; 0.05, 34.17E; 0.06, h10km, Error ellipse: s-maj=7.6km s-min=6.0km az=42.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like SULT, AKSY, KERG, AVNS, YAYX, etc.

Table with columns: YAHY, KAYSERI_Yahyal, SERE, CDAG, YOZ, SJA, GUC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like SJA, GUC, AROD, etc.

IDC 10 08:42:36.0.2.2, 5.46N; 126.67E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/32, mbtmpr3.6/4, ML1.8/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/44, Error ellipse: s-maj=79.2km s-min=28.6km az=71.0

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

JMA 10 09:04:55.7.0.1, 39.07N; 142.36E, h36km, 1km, M3.1
IDC 10 09:05:00.3.0, 39.53N; 140.95E, h0km, mb3.7/3, mb1 3.7/4, mb1mx3.4/49, mbtmpr3.6/4, ML1.8/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/44, Error ellipse: s-maj=79.2km s-min=28.6km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like OFUJ, MIYK, JKMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like AKAR, DGZ, CUR, CHBI, etc.

IDC 10 09:15:29.5.0.8, 49.98N; 0.02, 87.79E; 0.02, h10km, n21, c244/50, 8C-6D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like LPAZ, LVC, SIV, TORO, WRA, etc.

WEL 10 09:23:49.9, 40.5S; 177.7E; h30km, 2km, M3.4/25, ML3.7/20, MLv3.4/25, Error ellipse: s-maj=0.0km s-min=0.0km az=87.2, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like CKHZ, KAHZ, MCHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BFZ Birch Farm, WPRZ Whakapapatarin, POWZ Post Office Ro, etc.

WEL 10 09:24:55.5, 40°S, 177°E, h29km, 2km, M3.3/27, ML3.7/12, MLV3.3/27, Error ellipse: s-maj=0.0km, s-min=0.0km az=89.2, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CKHZ Cape Kidnapper, KAHZ Kahuranaki, MCHZ McNeill Hill, etc.

ISCJB 10 09:43:33.0, 57.0, 35.2S, 0.1, 107.8W, 0.2, h10km, mb3.9/6, MS4.0/9, Error ellipse: s-maj=25.6km s-min=15.9km az=171.2

IDC 10 09:43:33.8, 0.8, 35.1S, 107.69W, h0km, mb3.9/6, mb1.4/3.6, mb1mx3.0/3.2, mbtmp3.9/6, MS4.0/9, Ms1.3/9.9, ms1mx3.7/2.4, Error ellipse: s-maj=30.4km s-min=21.1km az=82.0

GCMT 10 09:43:40.0, 0.3, 35.09S, 0.02, 107.46W, 0.02, h17km, 1km, MW5.0/99, Moment Tensor Solution, s37, c42, s99, c133, Duration: 0. Moment tensor: Scale 10^16Nm, Mrr=0.15e-12, Mtr=0.83e-11, Mtt=0.97e-11, Mrr=0.44e-26, Mtr=2.91e-09, Mtt=1.28e-30, Best double couple: M3.3350000, N1P2, N1P2=8.000000, s86.000000, A=175.000000, Principal axes: T 3.3030, Plg13.0000, Azm56.0000, N 0.0640, Plg66.0000, Azm178.0000, P -3.3670, Plg20.0000, Azm321.0000, ns1a1 refers to body waves, cutoff=40s, ns1a2 refers to surface waves, cutoff=50s. Surface wave location: Triangular moment-rate function

ISC 10 09:43:35.1, 0.8, 35.1S, 0.1, 107.8W, 0.2, h10km, n27, s107/14, mb4.0/6, MS4.1/9, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RPN Rapa Nui, USHA Ushuaia, TAOE Nuku Hiva Isia, etc.

LDG 10 09:56:23.4, 0.0, 48°51'N, 7°80'E, h10km, Md2.0/2, Ml2.0/6, STR 10 09:56:23.0, 0.3, 48°51'N, 7°80'E, h4km, MLV1.4/7, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Fitzroy Crossi, TBI Tubuai, etc.

VIE 10 09:52:05.2, 0.7, 48°36'N, 15°84'E, h0km, mb1.6/1, ml1.7/3, Error ellipse: s-maj=3.7km s-min=3.8km az=121.0, Suspected Mining explosion, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRUC Moravsky, KCON Conrad Observa, CONA, etc.

ISCJB 10 09:52:31.5, 0.8, 6°65'S, 0°05', 130°0'E, 0.2, h146km, mb4.1/2, Error ellipse: s-maj=27.8km s-min=7.5km az=178.9

IDC 10 09:52:33.2, 2.6, 6°68'S, 129°87'E, h144km, 30km, mb4.0/2, mb1.4/0.6, mb1mx3.4/4.4, mbtmp4.4/6, Error ellipse: s-maj=49.9km s-min=16.9km az=80.0

ISC 10 09:52:32.7, 1.0, 6°71'S, 0°06', 130°2'E, 0.2, h146km, n6, s219/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI Sorong, SNUJ, FITZ Fitzroy Crossi, etc.

BEO 10 09:53:41.6, 0.9, 44°63'N, 21°85'E, h0km, ML1.4/7, Mining explosion

BUC 10 09:53:39.8, 0.5, 44°60'N, 21°72'E, h5km, ml1.1/4, 12C-4D, Error ellipse: s-maj=3.2km s-min=1.6km az=26.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDVR Moldovita, BZS Buzias, GZR Gura Zlata, etc.

ISCJB 10 09:54:09.2, 1.0, 17°2'S, 0°6', 179°0'W, 0.3, h533km, mb3.6/6, Error ellipse: s-maj=90.9km s-min=11.7km az=156.0

IDC 10 09:54:09.6, 2.0, 17°20'S, 179°00'W, h526km, 23km, mb3.2/8, mb1.3/4.1/0, mb1mx3.2/4.0, mbtmp4.1/1.0, Error ellipse: s-maj=45.7km s-min=13.8km az=155.0

ISC 10 09:54:09.9, 0.8, 17°20'S, 0°4', 179°0'W, 0.2, h533km, n13, s033/12, mb3.6/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Fitzroy Crossi, TBI Tubuai, etc.

LDG 10 09:56:23.4, 0.0, 48°51'N, 7°80'E, h10km, Md2.0/2, Ml2.0/6, STR 10 09:56:23.0, 0.3, 48°51'N, 7°80'E, h4km, MLV1.4/7, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPP Welschnbruch, WLS Champ du Feu, SUBF Suburbou, etc.

Table with columns: SFTF, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFTF Sextfontaines, CABB La Chapelle, etc.

IDC 10 10:14:40.8, 1.9, 16°49'S, 178°11'W, h0km, mb4.0/4, mb1.4/3.4, mb1mx3.8/3.7, mbtmp4.0/4, MS3.8/2, Ms1.3/9.2, ms1mx3.0/3.3, Error ellipse: s-maj=165.3km s-min=33.6km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, STKA Stephens Creek, etc.

MAN 10 10:16:08.2, 13°78'N, 120°60'E, h120km, mb3.5, ML2.2, MS1.7, C, Mindoro

NSCC 10 10:25:34.6, 6.3, 37°19'N, 31°55'E, h5km, GRAL 10 10:26:45.7, 0.3, 33°38'N, 35°49'E, h6km, 3km, MD2.8, Jordan-Vijay region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHBL Chebaa, RCBL Rachaya, DQRL Deir Gamar, etc.

BUI 10 10:43:48.3, 0.0, 25°28'S, 179°62'W, h498km, mb4.7/11, mb5.1/12

NEIC 10 10:43:51.0, 1.7, 24°7'S, 0°1', 179°6'W, 0.1, h475km, 3km, mb4.3/26

ISCJB 10 10:43:51.1, 0.3, 24°57'S, 0°03', 179°67'W, 0.06, h490km, mb4.3/17, Error ellipse: s-maj=7.2km s-min=4.1km az=13.3

IDC 10 10:43:53.4, 1.4, 24°60'S, 179°91'W, h484km, 15km, mb3.8/14, mb1.3/9.16, mb1mx3.6/4.5, mbtmp4.7/16, Error ellipse: s-maj=16.1km s-min=14.3km az=81.0

ISC 10 10:43:51.7, 0.5, 24°58'S, 0°06', 179°60'W, 0.07, h490km, n106, s185/122, mb4.4/26, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RIZ Raoul Island, RAO Raoul Island, GLKZ Green Lake, etc.

DZM Mont Dzumac, 13.07 278 P P 10 46 40.9 -0.9

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWG Pinlang, JISG Ishigakijimahi, WCHH Zhanghua, etc.

WEL 10 11:00:41.2, 40'S; 177°E; h28km, 1km, M3.5/36, ML3.9/22, MLv3.5/36, Error ellipse: s-maj=0.0km s-min=0.0km az=80.7, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CKHZ Cape Kidnapper, KAHZ Kahuranaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRGZ Paritu Road, RTZ Rutahuna, etc.

ISC 10 11:01:50.6; 1.1, 48.59N; 0.03; 20.10E; 0.03, h9km, 10km, n14, c0574/25, 1C-1D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KECS Kecovo, PSZ Piszkesteto, etc.

IDC 10 11:06:17.5; 1.7, 36.05S; 73.46W, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.6/20, mbtmp3.5/5, ML3.6/2, Error ellipse: s-maj=36.8km s-min=20.5km az=80.0

SJA 10 11:06:18.6; 0.4, 35.77S; 73.97W, h40km, ML3.7, MW4.0, ISCJB 10 11:06:19.9; 0.9, 36.04S; 0.04; 73.53W; 0.10, h3km, 10km, mb3.5/2, Error ellipse: s-maj=11.5km s-min=5.9km az=7.1, 3

GUC 10 11:06:19.7; 0.6, 36.10S; 73.61W, h45km, 7km, ML3.9, ISC 10 11:06:21.7; 1.3, 36.12S; 0.05; 73.5W; 0.1, h35km, n15, c108/18, Near coast of central Chile

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

comp=Z, 0.3nm, 0.5s, baz=147, slow=6.1, SNR=6.5

NNC 10 11:16:44.6; 8.6, 41.43N; 71.78E, h0km, mb2.2, mpv2.4, 1C-1D, Error ellipse: s-maj=74.1km s-min=26.3km az=173.0, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IUG Iuzhnyy, MRKS Merke, etc.

KRNET 10 11:16:48.3; 0.1, 40.70N; 70.52E, mb2.4, 4C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARK Arkit, ARSB Arslanbob, etc.

NNC 10 11:35:29.3; 13.0, 40.35N; 72.62E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=110.6km s-min=49.2km az=177.0

SOME 10 11:35:31.8; 40.47N; 72.75E, h10km, KRNET 10 11:35:36.7; 0.1, 41.10N; 71.89E, h4km, mb2.4, ISC 10 11:35:37.5; 1.5, 41.09N; 0.07; 71.90E; 0.06, h10km, 13km, n11, c175/18, 7C-1D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARK Arkit, ARSB Arslanbob, etc.

ANF 10 11:39:50.8; 1.4, 43.28N; 127.05W, ML3.5/1, Error ellipse: s-maj=15.1km s-min=7.1km az=51.0, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like J01E Myrtle Point, I02D Swisshome, etc.

ISK 10 11:58:08.4, 39.95N; 30.77E, h5km, ML1.6/4, Turkey

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

DDA 10 11:58:22.3, 39.10N; 29.06E, h7km, 6km, ML2.1, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GDZ Gediz, GDZ Uak-Merkez, etc.

MANT MANT comp=Z,466nm,0.1s KHAL Karahalli 0.80 155 i P Sb 11 58 39.5 -0.6

IDC 10 12:15:59.4,3.9,69.57N;145.01W,h0km,mb3.4/3, mb1 3.9/7,mb1mx3.5/7.4,mbtmp3.6/7,ML3.5/4, Error ellipse: s-maj=57.1km s-min=43.1km az=128.0

PGC 10 12:16:02.3,7.5,69.34N;144.82W,h5km,ML3.8/1, 168km Ese of Prudhoe Bay, Ar Northern Alaska ANF 10 12:16:03.0,9.0,69.18N;144.58W,h20km,ML4.2/4, Error ellipse: s-maj=11.8km s-min=7.0km az=174.0

NEIC 10 12:16:04.5,1.2,69.15N;144.76W,0.08,h14km,9km ISC 10 12:16:01.4,0.6,69.28N;144.71W,0.04,h12km,n77, r=144/92,mb3.6/3,Northern Alaska

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like TAPS Pump Stn, Burnt Mountain, Eagle Plains, etc.

IDC 10 12:18:52.8,1.5,36.79N;139.42E,h0km,mb3.7/2, mb1 3.8/4,mb1mx3.4/4.5,mbtmp3.6/4,ML2.9/2,MS3.1/1, Ms1 3.1/1,ms1mx2.4/4.4 Error ellipse: s-maj=16.5km s-min=13.5km az=6.0

ISC 10 12:18:53.6,0.9,36.89N;139.004;139.43E;0.04,h10km,n14, r160/17,2C-5D,Eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Katashina, Shikoba, Ashikaga, etc.

SJA 10 12:21:16.7,1.1,29.25S;71.88W,h10km,ML3.3,MW3.2 GUC 10 12:21:17.0,0.6,29.25S;71.73W,h4km,ML3.5

ISC 10 12:21:12.4,1.7,29.25S;72.05W;0.09,h10km,n22, r=242/37, Off coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like La Serena, Las Campanas, Tololo Observa, etc.

GLI 10 12:26:33.4,0.0,36.21N;21.86E,h30km,mb4.5/1, MD4.4/7

BUI 10 12:26:41.0,0.0,36.40N;21.38E,h21km,mb4.8/24, mb5.0/17,Ms4.8/2,Ms7.4/5.2

PDG 10 12:26:47.8,0.3,36.46N;21.68E,h16km,3km,ML4.5/11, Error ellipse: s-maj=4.3km s-min=1.1km az=90.0

ISCJB 10 12:26:49.0,0.2,36.42N;0.02;21.89E;0.02,h61km,2km, mb4.7/61, Error ellipse: s-maj=3.5km s-min=2.0km az=35.3

MED_RC 10 12:26:48.0,0.5,36.21N;21.86E,h30km,MW4.6/9, Moment Tensor Solution,Mantle waves: s9,c10; Duration: 10s Moment tensor: Scale 10^19Nm; Mw=0.37; 22;

ATH 10 12:26:49.5,36.37N;22.03E,h39km,1km,ML4.2/3, Error ellipse: s-maj=2.5km s-min=1.0km az=38.0

NEIC 10 12:26:49.9,2.5,36.32N;0.05;21.93E;0.05,h45km,6km ISC 10 12:26:49.5,36.42N;22.15E,h24km,ML4.4/5

MOS 10 12:26:50.1,1.1,36.43N;21.96E,h37km,mb5.1/19, Error ellipse: s-maj=5.2km s-min=2.7km az=77.4

IDC 10 12:26:50.3,1.4,36.42N;22.02E,h50km,13km,mb4.3/31, mb1 4.3/43,mb1mx4.2/19,mbtmp4.5/43,ML3.8/12, MS3.6/31,Ms1 3.6/31,ms1mx3.5/47, Error ellipse: s-maj=11.9km s-min=8.9km az=162.0

HLW 10 12:26:54.4,36.01N;22.37E,h10km,40km,MD4.6 ISC 10 12:26:49.3,0.8,36.40N;0.04;21.90E;0.03,h41km,7km, n55.1,r=203/59.1,mb4.7/72,MS3.6/22,56C-14D,Southern Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Agios Nikonas, Pylos, Ithomi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RLS Riolos of Patr, VLMs Loutrak, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KNT Kendrikon, EZN Ezine, SRS Serrai, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVLJ, BR131 Keskin Array S, BRTR Keskin Array B, and various other broadcast stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DAVOX, MORC, GERES, KHC, ANN, DPC, KSP, AKASG, AKKB, NKC, BEL, BRG, CLL, SHA1, AKH, KIV, KIB, KBZ, SUW, NAX, PABE, IGIN, VSR, ISAL, GANJ, IZAR, TAM, ZKTA, MNGR, LPSR, SEKA, VRH, ESDC, and OBN.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LKRN, MDT, MDS, MOS, MOS, VSU, VSU, VSU, HFC2, HFS, FINES, FINES, FINES, NORES, NORES, EKA, NB2, NB2, NB2, NB200, NOA, NOA, KIRV, KIRV, GEYT, GEYT, GEYT, PRGR, PRGR, TOA1, TORI, TORI, TORI, AKTO, ABKAR, ABKAR, ARU, ARU, ARU, ARU, SVE, SVE, ARAO, ARCES, ARCES, WSAR, BRVK, BRVK, BRVK, BVAR, BVAR, BVAR, KKAR, KKAR, KKAR, DBIC, DBIC, TIC, KIC, LIC, EKS2, USP, AAK, AAK, AAK, AAK, UCH, CHMS, KBK, TKM2, NIL, NIL, NIL, NRN, KSH, KSH, KURB, KURK, KURK, KURK, KDJ, KDJ, KDJ, TARG, TARG, MAKZ, MAKZ, MAKZ, MAKZ, MK31, MKAR, MKAR, MKAR, ZALV.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, ZALV, NRK, NRK, LSZ, DANN, KOLN, DKN, GKN, KKN, PKIN, PKI, GUN, JIRN, RAMN, TSUM, ODAN, TAPN, LSA, TLY, ZAK, ZAK, ZAK, GAT, GAT, GAT, SONM, SONM, SONM, SONM, TIXI, TIXI, TIXI, BOD, BOD, BOD, BOS, BOS, YAK, YAK, MHMT, XAN, XAN, XAN, XAN, CHTO, CHTO, CHTO, CMTO, CMTO, CMAR, PAYA, PAYA, SLVN, PBKT, PBKT, PBKT, BILL, BILL, BILL, NONG, NONG, SEY, CN2, WHN, WHN, MA2, MA2, BMAR, ULM, USRK, USRK, IMAR, PSI, CCB, WRH, KSAR, KSAR, KSAR, KSAR, DOT, TJN, BCAR, YSS, YSS, PETK, BDFB, JUNU, KDAK, KDAK, KDAK, MAJO, MAJO, MAJO, MAJO, PDAR, PDAR, TXAR, CPUP, WRI, WRA, ASAR, QSPA.

0.0nm,0.3s,baz=121,slow=9.3,SNR=3.8
MKAR Makanchi Array 22.02 299 P P 13 40 57.4 -0.2
 0.8nm,0.8s,baz=102,slow=12,SNR=5.8
CMAR Chiang Mai Arr 23.25 310 P P 13 41 10.6 -0.3
 1.1nm,0.8s,baz=7.9,slow=10.0,SNR=6.6
KURBB Kurchatov Arr 25.23 307 P P 13 41 30.2 +0.9
 0.1nm,0.4s,baz=112,slow=9.7,SNR=4.2

JMA 10 13:38:25.6±0.2,37.64N×144.50E,h47km,M3.6,Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
JIKH	Ishinomakikobu	2.49 287	P	Op	Pn				13 39 04.8 +1.2	
JIKH			eS	Sg	Pn				13 39 33.7 +1.0	
JIO	Ouri	2.62 289	P	Pn					13 39 06.7 +1.4	
JIO			eS	Sg	Pn				13 39 37.1 +1.2	
OFUJ	Ofunato	2.65 304	P	Pn					13 39 07.1 +1.3	
OFUJ			eS	Sg	Pn				13 39 38.2 +1.5	
JKMT	Kesennumamotoy	2.65 297	P	Pn					13 39 07.1 +1.2	
JKMT			eS	Sg	Pn				13 39 38.0 +1.2	
JMK	Ichinoseki	2.89 298	P	Pn					13 39 10.7 +1.5	
JMK			eS	Sg	Pn				13 39 44.5 +1.8	
JOM	Ohasama	3.11 307	P	Pn					13 39 14.0 +1.9	
JOM			eS	Sg	Pn				13 39 50.3 +2.3	
JFT	Katama	3.31 269	P	Pn					13 39 17.0 +2.1	
JFT			eS	Sg	Pn				13 39 54.8 +1.8	
JANG	Naneyama	3.50 293	P	Pn					13 39 19.7 +2.2	
JANG	Nango	3.58 320	P	Pn					13 39 20.1 +1.4	
JANG			eS	Sg	Pn				13 40 00.2 +0.5	
JRY	Ryogami san	4.77 252	P	Pn					13 39 35.4 +0.4	
JRY			eS	Sg	Pn				13 40 27.4 -1.7	
JODZ	Odawara 2	4.96 243	eS	Sg	Pn				13 40 32.0 -1.8	
JKB	Kayabe	5.01 329	P	Pn					13 39 39.5 +1.3	
JCH	Churui	5.04 350	P	Pn					13 39 38.6 -0.1	
JCH			eS	Sg	Pn				13 40 33.9 -1.7	
NEM2	Nemuro 2	5.8 9	P	Pn					13 39 46.7 -2.3	
NEM2			eS	Sg	Pn				13 40 47.9 -6.2	
JTKR	Abashiri-Toko	6.34 356	P	Pn					13 39 56.3 -0.1	
JTKR			eS	Sg	Pn				13 41 04.2 -3.2	

ISCJB 10 13:42:19.5±0.6,23.92N,0.02E,122.53E,0.02,h7km,4km, Error ellipse: s-maj=2.8km s-min=2.4km az=155.0

JMA 10 13:42:19.7±0.3,23.93N,122.52E,h9km,4km,ML2.0

TAP 10 13:42:21.2±0.3,23.99N,122.52E,h28km,ML2.7,D

ISC 10 13:42:20.2±1.1,23.95N,0.02E,122.52E,0.02,h17km,8km,n72,-0.952/130,Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
YOJ	Yonaguni jima	0.68 41	eP	Pb					13 42 33.1 -0.6	
YOJ	Yonaguni jima	0.68 41	P	Pb					13 42 32.9 -0.8	
YOJ			eS	Sg					13 42 42.7 0.0	
EOS1	EOS1	0.70 330	S	Pb					13 42 34.3 +0.4	
EOS1			eS	Sg					13 42 45.0 -0.7	
NANB	Nanao	0.85 305	P	Pb					13 42 36.4 -0.1	
NANB			eS	Sg					13 42 48.8 -0.7	
TWD	Chiawan	0.85 279	eP	Pg					13 42 37.0 +0.2	
TWD			eS	Sb					13 42 47.8 +0.1	
ENA	Nanau	0.85 304	P	Pb					13 42 36.7 +0.1	
ENA			eS	Sg					13 42 48.8 +0.6	
NACB	Ninganchiao	0.87 285	P	Pb					13 42 36.8 -0.2	
NACB			eS	Sg					13 42 49.0 +0.3	
TWC	Suao	0.90 317	P	Pb					13 42 36.8 -0.6	
TWC			eS	Sg					13 42 49.0 -0.1	
ETHL	Xiulin Townshi	0.98 286	iP	Pb					13 42 38.3 -0.5	
ETHL			eS	Sg					13 42 52.3 +0.2	
ESL	Shilin	1.00 263	eP	Pb					13 42 38.9 -0.2	
ESL			eS	Sg					13 42 52.8 +0.1	
EGFH	Guangfu	1.03 255	eS	Sb					13 42 52.8 -0.2	
TWE	Neicheng	1.09 315	P	Pn					13 42 40.9 +0.1	
TWE			eS	Sn					13 42 55.4 -0.1	
HGSD	Ruisui	1.10 246	P	Pn					13 42 40.0 -0.8	
HGSD			eS	Sn					13 42 55.6 -0.1	
NTC	Taucheng	1.10 325	P	Pg					13 42 41.5 0.0	
NTC			eS	Sg					13 42 56.0 +0.1	
ENTT	Nioudou	1.11 309	iP	Pb					13 42 41.1 +0.1	
ENTT			eS	Sg					13 42 56.9 +0.7	
NDT	Datong Townshi	1.12 306	P	Pg					13 42 41.7 -0.2	
NDT			eS	Sg					13 42 56.6 -0.1	
SLBB	Yuanshan	1.14 315	P	Pn					13 42 41.0 -0.4	
SLBB			eS	Sg					13 42 57.0 0.0	
NNSB	Datong	1.14 295	P	Pn					13 42 41.2 -0.4	
NNSB			eS	Sb					13 42 56.4 +0.2	
NNS	Nan Shan	1.15 295	P	Pn					13 42 41.6 -0.1	
NNS			eS	Sg					13 42 57.5 -0.1	
TWB1	Santiao Chiao	1.16 336	P	Pb					13 42 41.7 -0.1	
TWB1			eS	Sn					13 42 56.7 -0.5	
WHF	Hehuan Shan	1.16 280	iP	Pn					13 42 41.5 -0.6	
WHF			eS	Sb					13 42 56.7 -0.4	
IRIF	Iriomote-Funau	1.17 71	P	Pb					13 42 42.4 +0.3	
IRIF			eS	Sg					13 42 57.9 -0.3	
EHY	Hungye	1.18 248	P	Pn					13 42 41.5 -0.5	
EHY			eS	Sb					13 42 56.7 -0.5	
TIPB	Shuangxi	1.20 328	iP	Pg					13 42 43.0 -0.4	
TIPB			eS	Sg					13 42 58.5 -0.5	
CHGB	Renai	1.23 276	P	Pn					13 42 42.5 -0.5	
CHGB			eS	Sb					13 42 58.4 -0.5	
NWL1	Wulai	1.24 312	P	Pb					13 42 43.2 0.0	
NWL1			eS	Sg					13 43 00.1 -0.3	
YULB	Yu-Ii	1.25 244	iP	Pn					13 42 42.4 -0.5	
YULB			eS	Sb					13 42 58.3 -0.8	
TWF1	Yuli	1.27 242	P	Pn					13 42 42.7 -0.5	
TWF1			eS	Sb					13 42 59.7 +0.1	
YHNB	Yeheng	1.27 305	P	Pb					13 42 43.5 -0.2	
YHNB			eS	Sn					13 42 59.8 -0.2	
VVDT	VVDY	1.27 262	P	Pn					13 42 43.2 -0.1	
VVDT			eS	Sn					13 42 59.1 -0.9	
NSK	Sanguang	1.28 305	P	Pn					13 42 43.5 0.0	

NSK baz=288 eS Sn 13 43 00.6 +0.3
 NWF Wu-fen Shan 1.30 329 eP Pn 13 42 43.6 -0.1
 NWF baz=328 S Sb 13 43 01.4 +0.6
 WFSB Wu-fen Shan 1.30 329 eS Sb 13 43 01.1 +0.4
 TATO Taipei 1.39 318 eP Pn 13 42 46.0 +0.3
 TATO baz=316 eS Pp 13 43 04.1 -0.9

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
JKRS	Kuro-shima	1.40 78	P	Pb					13 42 45.9 +0.1	
JKRS			eS	Sb					13 43 03.5 +0.1	
DPDB	Guoxing	1.46 274	eP	Pb					13 42 46.6 -0.4	
DPDB			eS	Sb					13 43 05.1 -0.2	
YMO1	YMO1	1.47 324	eP	Pn					13 42 47.2 0.0	
YMO1			eS	Pn					13 43 05.0 0.0	
SMLT	Sun Moon Lake	1.48 268	eP	Pb					13 42 47.0 -0.3	
SMLT			eS	Sn					13 43 05.2 0.0	
YMO10	YMO10	1.48 324	eP	Pn					13 42 46.6 +0.3	
YMO10			eS	Pb					13 42 47.5 -0.5	
TYC	Yuchr	1.52 269	P	Pb					13 43 06.1 +0.1	
TYC			eS	Sn					13 43 06.1 +0.1	
TWS1	Kuangyinqinshan	1.52 319	eP	Pb					13 42 47.6 -0.4	
LIOB	Emei	1.54 297	P	Pb					13 42 48.2 0.0	
LIOB			eS	Sb					13 43 08.1 +0.6	
NNSTT	Nanjiang	1.54 297	P	Pb					13 42 48.3 -0.1	
NNSTT			eS	Sb					13 43 08.6 +1.0	
JJJ	Ishigaki jima	1.54 74	P	Pn					13 42 47.2 +0.2	
JJJ			eS	Pn					13 43 06.5 -0.1	
WHYT	Xinyi Township	1.54 261	eP	Pb					13 42 47.8 +0.7	
WHYT			eS	Sb					13 43 07.7 0.0	
ELDTW	Lidau	1.57 242	eP	Pn					13 42 47.1 -0.3	
ELDTW			eS	Sn					13 43 06.3 -1.2	
WJS	Zhushan	1.64 266	eP	Pb					13 42 50.3 +0.2	
WJS			eS	Sb					13 43 11.8 +1.3	
WNT	Mingjian	1.68 268	eP	Pb					13 42 50.7 +0.1	
WNT			eS	Sb					13 43 12.7 +1.2	
CHNS	Tsaling	1.72 259	P	Pb					13 42 51.0 -0.4	
CHNS			eS	Sb					13 43 12.7 -0.1	
TTN	Taitung	1.73 227	eS	Sb					13 43 11.7 +0.5	
TWGBT	Beinan	1.73 230	eP	Pn					13 42 49.4 -0.2	
TWGBT			eS	Sn					13 43 11.1 -0.3	
TWG	Pinlang	1.74 230	eP	Pn					13 42 50.0 +0.4	
TWG			eS	Sn					13 43	

10d 15h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 10 14:43:10.4, JMA 10 14:43:11.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDA 10 14:45:58.5, ISK 10 14:45:58.9, etc.

2013 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKAS Kas, BODT Bodrum, KORT Korkulu, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JIRN Gumba, PKI Pulchoki, YSS Yuzh-Sakhalins, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRVK Borovoye, TIKI Tiksi, ATKA Atka Island, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRTR Keskin Array B, FINES FINES Array, BURAR Buocovina Array, etc.

MSWZ	Moikau Station	1.56 230	P	Pn	15 39 16.0	0.0
MSWZ	Moikau Station	1.56 230	P	Pn	15 39 15.6	-0.4
WAZ	Wanganui	1.57 295	P	Pb	15 39 17.4	-0.3
NGZ	Ngauruhoe	1.57 322	P	Pb	15 39 17.5	-0.3
MTHZ	Maungataniwha	1.57	0	P	15 39 16.8	+0.5
PKVZ	Pokaihu	1.61 136	P	Pb	15 39 18.0	-0.2
KRVZ	Karewarewa	1.62 325	P	Pb	15 39 18.5	-0.1
MRHZ	Matea Rd	1.62 348	P	Pb	15 39 17.7	+0.7
WTVZ	West Tongariro	1.62 323	P	Pb	15 39 18.5	-0.2
RITZ	Rihia Road	1.63 332	P	Pb	15 39 18.5	-0.3
HATZ	Hinemaiaia	1.64 339	P	Pb	15 39 17.7	+0.5
PLWZ	Palliser	1.65 226	P	Pn	15 39 17.0	-0.4
SNQZ	Shannon Statio	1.69 14	P	P	15 39 18.6	+0.8
KATZ	Kakaramea	1.70 328	P	Pg	15 39 21.3	-0.5
PRGZ	Paritu Road	1.71 29	P	Pb	15 39 18.4	+0.3
TWVZ	Taurewa	1.73 331	P	Pb	15 39 20.0	-0.5
RATZ	Rangitukua	1.78 323	P	Pb	15 39 20.8	-0.2
BHW	Baring Head	1.78 236	P	Pn	15 39 18.9	-0.2
BHW	Baring Head	1.78 236	P	Pn	15 39 18.6	-0.5
RTZ	Ruatahuna	1.81 4	P	Pn	15 39 20.3	+0.7
SNZO	South Karori	1.84 241	P	Pn	15 39 19.5	-0.4
RIGZ	Rimutaka	1.86 22	P	Pn	15 39 21.3	+1.0
WHTZ	Whakaora	1.89 339	P	Pg	15 39 27.4	+2.0
ALRZ	Allen Road	1.90 348	P	Pb	15 39 22.2	-1.2
WATZ	Wairara	1.92 333	P	Pg	15 39 25.6	-0.4
MUGZ	Murupara	1.95 359	P	Pn	15 39 22.8	+1.2
PRRZ	Plateau Road	1.96 350	P	Pn	15 39 22.3	+0.8
WHRZ	Whakapatarin	1.98 337	P	Pb	15 39 20.7	+0.3
VRZ	Veru Road	2.00 300	P	Pb	15 39 25.1	-1.0
TCW	Tory Channel	2.09 247	P	Pn	15 39 23.0	-0.4
RRRZ	Republican Roa	2.10 353	P	Pn	15 39 24.4	+0.9
LRZ	Lake Rotokare	2.10 297	P	Pn	15 39 25.0	+1.5
TKGZ	Te Karaka	2.13 22	P	Pn	15 39 24.0	+0.1
MWZ	Matawai	2.16 15	P	Pn	15 39 24.3	0.0
HSRZ	Hossack Road	2.16 348	P	Pn	15 39 24.8	+0.5
URZ	Urewera	2.18 6	Pn	Pn	15 39 24.6	+0.1
URZ	Urewera	2.18 6	Pn	Pn	15 39 50.0	-1.0
URZ	Urewera	2.18 6	Pn	Pn	15 39 24.5	0.0
URZ	Urewera	2.18 6	Pn	Pn	15 39 24.2	-0.3
TARZ	Mount Tararua	2.20 353	P	Pn	15 39 25.6	+0.7
CNGZ	Carnagh Statio	2.20 353	P	Pn	15 39 23.1	+1.9
DUWZ	D'Urville Stia	2.25 259	P	Pn	15 39 26.5	+0.9
TLZ	Tolley Road	2.32 334	P	Pg	15 39 31.3	+0.7
OMRZ	Omania	2.35 351	P	Pg	15 39 34.2	0.0
DREZ	Durham Road	2.38 301	P	Pg	15 39 33.5	-1.3
CMWZ	Cape Campbell	2.38 235	P	Pn	15 39 27.5	+0.2
CMWZ	Cape Campbell	2.38 235	Pn	Pn	15 39 27.0	0.0
TUWZ	Tuamarina	2.41 245	Pn	Pn	15 39 27.0	-0.7
TUWZ	Tuamarina	2.41 245	Pn	Pn	15 39 26.6	-1.1
HGZ	Hauwhareparae	2.42 22	P	Pn	15 39 29.7	+1.8
WIZ	Hauti	2.45 321	P	Pb	15 39 32.6	-0.1
HIZ	Hauti	2.45 321	P	Pb	15 39 28.9	+0.6
PKZE	Puketitahi	2.52 29	P	Pn	15 39 29.1	-1.1
RUGZ	Raukumara Rang	2.54 15	Pn	Pn	15 39 29.9	+0.2
BSWZ	Blackbirch Sta	2.58 239	P	Pn	15 39 29.4	-0.6
BSWZ	Blackbirch Sta	2.58 239	P	Pn	15 39 29.2	-0.9
PUZ	Puketitahi	2.60 26	Pn	Pn	15 39 30.2	-0.1
PKGZ	Pakihiroa	2.71 21	Pn	Pn	15 39 32.3	+0.3
NNZ	Nelson	2.74 252	P	Pn	15 39 33.1	-1.1
NNZ	Nelson	2.74 252	P	Pn	15 39 31.2	-1.0
HNZ	Te Kaha	2.77 16	Pn	Pn	15 39 33.3	+0.7
WMGZ	Waiomatatini S	2.88 26	Pn	Pn	15 39 34.3	+0.1
MXZ	Mataikaoa Point	3.08 22	P	Pn	15 39 37.9	+1.0
MXZ	Mataikaoa Point	3.08 22	Pn	Pn	15 39 36.4	-0.6
KHZ	Kahutara	3.18 230	Pn	Pn	15 39 38.4	+0.2
KHZ	Kahutara	3.18 230	Pn	Pn	15 39 36.8	-1.5
THZ	Tophouse	3.25 245	P	Pn	15 39 38.4	-1.1
THZ	Tophouse	3.25 245	P	Pn	15 39 38.2	-1.2
QRZ	Quarte Range	3.30 252	P	Pn	15 39 40.0	0.0
QRZ	Quarte Range	3.30 252	P	Pn	15 39 20.0	0.0
MKAZ	Moumakai	3.57 338	P	Pn	15 39 46.1	+2.5
GVZ	Greta Valley S	3.81 227	P	Pn	15 39 47.6	+0.5
DSZ	Denniston Nort	4.02 249	P	Pn	15 39 50.9	+0.9
LTZ	Lake Taylor	4.15 234	P	Pn	15 39 50.4	-1.3
LTZ	Lake Taylor	4.15 234	P	Pn	15 39 50.4	-1.3
OKCZ	Okains Bay	4.33 219	P	Pn	15 39 54.8	+0.7
CR LZ	Canterbury Las	4.44 224	Pn	Pn	15 39 55.0	-0.7
AKCZ	Akaroa Harbour	4.51 219	P	Pn	15 39 57.8	+1.2
MOZ	McQueen's Vall	4.52 222	P	Pn	15 39 56.3	-0.3
MOZ	McQueen's Vall	4.52 222	Pn	Pn	15 39 56.4	-0.3
OXZ	Oxford	4.61 229	P	Pn	15 39 52.9	+1.5
OXZ	Oxford	4.61 229	P	Pn	15 39 58.7	+0.8
INZ	Inchbonnie	4.65 239	P	Pn	15 39 57.2	-1.2
RPZ	Rata Peaks	5.41 231	Pn	Pn	15 40 07.8	-1.2
RPZ	Rata Peaks	5.41 231	Pn	Pn	15 41 04.7	-6.1
RPZ	Rata Peaks	5.41 231	Pn	Pn	15 40 09.1	+0.1
RPZ	Rata Peaks	5.41 231	Pn	Pn	15 40 07.2	-1.8
OUZ	Omahuta	5.80 333	Pn	Pn	15 40 14.9	+0.6
CTZ	Chatham Island	5.89 126	P	Pn	15 40 19.1	+3.6
FOZ	Fox Glacier	6.08 237	Pn	Pn	15 40 18.9	+0.7
LBZ	Lake Benmore	6.31 229	Pn	Pn	15 40 23.2	+1.8
LBZ	Lake Benmore	6.31 229	Pn	Pn	15 40 19.9	-1.5
ODZ	Otahua Downs	6.48 223	Pn	Pn	15 40 23.3	-0.4
ODZ	Otahua Downs	6.48 223	Pn	Pn	15 40 23.0	-0.7
WKZ	Wanaka	7.40 229	Pn	Pn	15 40 35.6	+1.3
MLZ	Mavora Lakes	8.08 229	Pn	Pn	15 40 46.0	+0.4
WHZ	Wether Hill Ro	8.48 227	Pn	Pn	15 40 50.7	-0.5
DCZ	Deep Cove	8.70 231	Pn	Pn	15 40 54.6	+0.5
RAR	Rarotonga	27.61 53	LR	LR	15 55 21.9	
COEN	Coen	39.49 302	P	P	15 46 19.8	+1.0
COEN	Coen	39.49 302	Iamb	Iamb	15 46 43.5	
AS31	Alice Springs	39.62 282	P	P	15 46 19.7	-0.2
ASAR	Alice Springs	39.62 282	P	P	15 46 19.8	-0.1
WB2	Warramunga Arr	41.53 287	P	P	15 46 35.8	+0.2
WB2	Warramunga Arr	41.53 287	Iamb	Iamb	15 46 36.1	
WRAB	Tennant Creek	41.53 287	P	P	15 46 35.7	0.0
WRAB	Tennant Creek	41.53 287	Iamb	Iamb	15 46 36.0	
WR1	Warramunga Arr	41.54 287	P	P	15 46 35.7	0.0
WR1	Warramunga Arr	41.54 287	Iamb	Iamb	15 46 36.1	
WR1	Warramunga Arr	41.54 287	P	P	15 46 35.7	-0.1
WR1	Warramunga Arr	41.54 287	Iamb	Iamb	15 46 36.1	
WRA	Warramunga Arr	41.54 287	P	P	15 46 35.7	-0.1
KNRA	Kunmura	48.33 286	P	P	15 47 30.9	+1.0
FITZ	Fitzroy Crossi	49.12 281	P	P	15 47 36.2	+0.3
FITZ	Fitzroy Crossi	49.12 281	P	P	15 47 36.8	+0.9
FITZ	Fitzroy Crossi	49.12 281	Iamb	Iamb	15 48 05.1	
ARA0	ARCESS Array S	147.17 342	PKPbc	PKPbc	15 58 30.4	+0.4
ARCES	ARCESS Array B	147.17 342	PKPbc	PKPbc	15 58 30.4	+0.4

ENAB	Nanoa	0.29	4	P	Pn	15 43 19.0	+0.5
NANB	Nanoa	0.29	4	P	Pn	15 43 12.3	-0.2
NANB	Nanoa	0.29	4	P	Pn	15 43 19.4	+0.9
ESL	Shilin	0.42	220	eP	Pn	15 43 12.8	-1.2
ESL	Shilin	0.42	220	eP	Pn	15 43 21.0	0.0
WHF	Hehuan Shan	0.42	271	P	Pn	15 43 13.4	-1.0
WHF	Hehuan Shan	0.42	271	S	Pn	15 43 21.4	-0.3
NNSB	Datong	0.43	313	P	Pn	15 43 13.8	-0.5
NNSB	Datong	0.43	313	eS	Pn	15 43 21.3	-0.1
NNS	Nan Shan	0.45	313	eS	Pn	15 43 14.0	-0.5
NNS	Nan Shan	0.45	314	P	Pn	15 43 21.4	-0.3
TWC	Suao	0.48	13	eP	Pn	15 43 14.8	0.0
TWC	Suao	0.48	13	eS	Pn	15 43 23.1	+0.8
NDT	Datong Townshi	0.51	337	P	Pn	15 43 14.6	-0.5
NDT	Datong Townshi	0.51	338	eS	Pn	15 43 23.1	+0.2
CHGB	Renai	0.51	262	P	Pn	15 43 15.0	-0.4
CHGB	Renai	0.51	261	eS	Pn	15 43 23.1	-0.3
ENTT	Nioudou	0.52	343	P	Pn	15 43 14.7	-0.6
ENTT	Nioudou	0.52	343	eS	Pn	15 43 23.5	+0.2
EGFH	Guangyu	0.54	211	P	Pn	15 43 15.1	-0.4
EGFH	Guangyu	0.54	209	eS	Pn	15 43 23.9	+0.3
EOS1	EOS1	0.55	41	iP	Pn	15 43 16.4	+0.8
TWE	Neicheng	0.58	354	eP	Pn	15 43 15.8	-0.2
TWE	Neicheng	0.58	357	eS	Pn	15 43 25.0	+0.3
SLBB	Yuehshan	0.62	352	eP	Pn	15 43 14.7	-1.9
YHNB	Yeheng	0.62	329	iP	Pn	15 43 16.1	-0.5
YHNB	Yeheng	0.62	329	eS	Pn	15 43 25.4	-0.2
NSK	Sanguang	0.64	328	P	Pn	15 43 16.4	-0.5
NSK	Sanguang	0.64	329	eS	Pn	15 43 25.7	-0.3
VWDT	VWDT	0.66	235	eP	Pn	15 43 16.6	-0.4
VWDT	VWDT	0.66	233	eS	Pn	15 43 26.1	-0.2
NWLT	Wulai	0.67	342	P	Pn	15 43 17.1	-0.2
NWLT	Wulai	0.67	343	eS	Pn	15 43 27.1	+0.3
HGSD	Ruisui	0.70	204	P	Pn	15 43 17.1	-0.5
HGSD	Ruisui	0.70	202	eS	Pn	15 43 27.8	+0.4
NTC	Toucheng	0.72	7	P	Pn	15 43 18.3	+0.4
NTC	Toucheng	0.72	8	eS	Pn	15 43 28.4	+0.6
EHY	Hungye	0.73	211	eP	Pn	15 43 16.1	-1.9
EHY	Hungye	0.73	209	eS	Pn	15 43 28.4	+0.3
WHP	Taichung City	0.73	281	P	Pn	15 43 18.4	+0.3
WHP	Taichung City	0.73	281	eS	Pn	15 43 28.2	0.0
DPDB	Guoping	0.74	262	P	Pn	15 43 18.0	-0.2
DPDB	Guoping	0.74	261	eS	Pn	15 43 28.5	+0.1
SSLB	Suanguang	0.79	244	P	Pn	15 43 18.1	-0.8
SSLB	Suanguang	0.79	243	eS	Pn	15 43 30.2	+0.7
LIOB	Emel	0.83	308	P	Pn	15 43 19.1	-0.2
LIOB	Emel	0.83	308	eS	Pn	15 43 31.3	+0.9
NSTT	Nanjiang	0.83	307	P	Pn	15 43 19.4	+0.1
NSTT	Nanjiang	0.83	307	eS	Pn	15 43 30.5	+0.1
TYC	Yuchr	0.83	254	P	Pn	15 43 19.1	-0.3
TYC	Yuchr	0.83	253	eS	Pn	15 43 30.4	-0.1
WLTB	Daxi	0.84	329	P	Pn	15 43 19.5	+0.1
WLTB	Daxi	0.84	329	eS	Pn	15 43 31.1	+0.4
TIPB	Shuangqi	0.84	6	P	Pn	15 43 19.4	-0.1
TIPB	Shuangqi	0.84	6	S	Pn	15 43 31.3	+0.6
YULB	Yu-li	0.84	208	eP	Pn	15 43 19.4	-0.1
YULB	Yu-li	0.84	207	eS	Pn	15 43 30.6	-0.1
NHHD	Xindian Distri	0.84	347	P	Pn	15 43 19.0	-0.6
NHHD	Xindian Distri	0.84	348	eS	Pn	15 43 30.7	-0.1
TWA	Mucha	0.85	351	P	Pn	15 43 19.4	-0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNMB Chin-men Tao, MHZO Yeshan, JIRB Ibrabujima, etc.

ISC 10 15:46:28.0±1.7, 32.65N:48.73E, h0km, mb3.8/7, mb1 3.8/7, mb1mx3.5/37, mbtmp3.8/7, Error ellipse: s-maj=44.4km s-min=23.1km az=162.0

Main table for 2013 OCT, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their seismic data.

JMA 10 16:22:15.0±0.1, 24.09N:122.50E, h37km, 3km, M1.8

Table for Taiwan region, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG, EOS1, YOJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENLB Shoufeng, ETLH Xiulin Townshi, etc.

ISC 10 15:46:29.0±1.0, 32.44N:0.06:48.48E±0.07, h17km, n43, ±140/41, mb3.8/7, Western Iran

Main table for 2013 OCT, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWK Hsiinying, CHN1 Nanshi, etc.

ISC 10 16:46:16.6±2.7, 14.9N:0.1:93.2W±0.1, h23km±13km, Error ellipse: s-maj=23.5km s-min=8.2km az=33.4

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

ISC 10 16:47:40.0±0.4, 51.53N:0.05:174.81W±0.03, h40km, mb3.6/7, MS2.4/2, Error ellipse: s-maj=7.0km s-min=3.0km az=171.1

NEIC 10 16:47:39.9±0.2, 51.57N:0.08:174.91W±0.07, h23km, 5km

ISC 10 16:47:53.1±6.0, 51.69N:174.70W, h146km, 55km, mb3.2/8, Ms1 3.5/10, mb1mx3.3/38, mbtmp3.8/10, MS2.6/2

ISC 10 16:47:41.2±0.7, 51.60N:0.09:174.84W±0.04, h40km, n86, ±147/82, mb3.8/11, Andraonf Islands

Main table for 2013 OCT, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDM Murphy Dome, PAX Paxson, ILAR Eielson Array, etc.

ISCJB 10 17:01:41.6:0.3, 67.04N:0.02:21.02E:0.05, h0km, Error ellipse: s-maj=2.8km s-min=2.5km az=16.3

ISC 10 17:01:41.9:0.7, 67.04N:0.02:20.97E:0.02, h0km, n69, r1517/108, Sweden

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

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

SJA 10 17:51:12.9:0.9, 22:28S:67.45W, h176km, 7km, ML2.9, MW3.1

ISCJB 10 17:51:13.7:0.9, 22:24S:0.05:67.50W:0.04, h174km, 10km, Error ellipse: s-maj=8.1km s-min=5.2km az=23.5

GUC 10 17:51:14.2:0.5, 22:23S:67.70W, h184km, 5km, ML3.2

ISC 10 17:51:13.0:1.9, 22:27S:0.06:67.49W:0.04, h182km, 16km, n23, c0977/37, 8C-1D, Chile-Bolivia border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNMC Minye Minye, LPAZ La Paz.

IDC 10 17:54:52.9:1.0, 23:11N:95.98E, h0km, mb3.9/5, mb1.4/0.6, mb1mx3.6/42, mbtmp3.9/6, ML4.4/1, MS3.6/16, M1.3/6/16, m1mx3.4/38, Error ellipse: s-maj=35.5km s-min=14.5km az=54.0

ISCJB 10 17:54:55.0:0.3, 22:87N:0.05:95.64E:0.06, h32km, mb3.9/5, MS3.6/15, Error ellipse: s-maj=10.3km s-min=3.5km az=136.1

ISC 10 17:54:56.7:0.6, 22:59N:0.07:95.84E:0.08, h32km, n67, r149/56, mb4.1/1.4, MS3.6/15, Myanmar

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

comp=Z,5.1nm,0.6s
DZM Mont Dzumac 82.02 118 LR LR 18 46 33.2
BOSA Boshof 85.16 236 LR LR 18 46 01.3

s-maj=1.8km s-min=7.6km az=50.0
KLM 10 19:20:17.0,3.935:0.33,4E,h172km,mb4.6
ISC 10 19:20:16.0-0.5,3.875:0.04,h172km,3km,

BBOO Buckleboo 42.06 137 P P 19 27 53.3 +1.8
MTSU Mount Sunrise 42.59 113 P P 19 27 56.1 0.0

IDC 10 18:05:03.5-0.0,52.18N:160.95E,h0km,mb3.4/5,
mb1 3.5/6,mb1mx3.3/35,mbtmpt3.4/6,ML2.7/1,Error

n152,r163/184,mb4.3/35,6C-3D,Southern Sumatera
Code Station Name Az AZZ Phase ID Time Res

HTT Hallett 44.38 136 P P 19 28 13.2 +3.0
STKA Stephens Creek 45.48 132 P P 19 28 20.0 +1.1

CRSC 10 18:05:08.2,1.9,52.25N:160.76E,h59km,26km,ML3.6
ISC 10 18:05:04.2,2.52,18N:0.07,160.89E,0.06,h11km,12km,

LHSH Lahat 0.26 80 P Op ISC
LHJI Lili 0.26 80 P S Sn

STKA Stephens Creek 45.48 132 P P 19 28 19.1 +0.3
KSRB Koro Array 47.08 27 P P 19 28 29.1 -2.0

Code Station Name Az AZZ Phase ID Time Res
SPN MYS Shipunski 1.06 331 Op ISC

MNAI Manna 0.57 212 P S Sn
MNAI Manna 0.57 212 P S Sn

RMQ Roma 48.96 122 P P 19 28 47.3 +1.4
SONAO Songo Array 51.56 3 P P 19 29 06.3 +1.2

SPN SPN 1.37 317 Op ISC
NLN Nalytchevo 1.37 317 Op Sg

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

RUS Russkaya 1.48 281 Op Sg
RUS Russkaya 1.48 281 Op Sg

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

DALK DALY 1.56 304 Op Sg
UGLV Uglovaya 1.62 310 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

SMAR Somma 1.67 311 Op P
MTRV Mutnovka 1.69 282 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

AVAV Avacha 1.70 311 Op P
KORR Koryakskii 1.72 312 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

KOK Koryaka 1.77 310 Op P
KTRH Khodutka, Kamc 1.78 259 Op Sg

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

KRMR Karmyshinskiy 1.81 292 Op Sg
PETK Petropavlovsk- 2.15 297 Pn

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

Code Station Name Az AZZ Phase ID Time Res
PETK 11nm,0.3s,baz=112,slow=16,SNR=97

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

GNL Ganaly 2.34 312 Op P
APC Apacha 2.40 290 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

MKZ Kizim 2.46 312 Op Sg
KZV Kizimen 2.96 353 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

TUMD Tumrok D 3.04 355 Op P
KBTR Krutoberegovo 4.20 15 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

SKR Bering 4.28 43 Op Sg
USURK Ussurysk 20.75 259 Pn

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

TIXI Tiksi 24.12 336 P
SONM Songo Array 34.59 259 P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

Code Station Name Az AZZ Phase ID Time Res
IDC 10 18:19:13.9-0.9,19.27N:99.43E,h0km,mb3.8/9,

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

ISCJB 10 18:19:17.0,0.4,19.19N:104.99E,0.09,h33km,
mb3.7/9,Error ellipse: s-maj=11.8km s-min=5.8km

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

NEIC 10 18:19:19.0,1.7,19.07N:105.98E,0.05,h35km,7km,
mb4.2/6

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

Code Station Name Az AZZ Phase ID Time Res
CHTO Chiang Mai 0.28 213 Op ISC

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

CMAR Chiang Mai Arr 0.61 195 Op P
CMAR Chiang Mai Arr 0.61 195 Op P

MNAI Manna 0.57 212 P S Sn
MASI Maura Aman, Be 1.25 203 P S Sn

SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2
SONM Songo Array 51.56 3 P P 19 29 06.3 +1.2

10d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOZC Bozcaada, ALN Alexandroupoli, ALN Alexandroupoli, etc.

IDC 10 19:59:27.9, 1.1, 24.18S; 66.89W, h165km, 12km, mb3.0/3, mb1 3.2/9, mb1mx3.2/26, mbtmp3.6/9, Error ellipse: s-maj=19.1km s-min=13.9km az=64.0

ISCJB 10 19:59:28.0, 0.4, 24.17S; 0.04, 67.14W; 0.03, h194km, 5km, mb3.1/2, Error ellipse: s-maj=5.3km s-min=4.8km az=21.7, SJA 10 19:59:28.4, 0.6, 24.21S; 67.09W, h197km, 4km, ML3.6, MW3.6

GUC 10 19:59:30.0, 0.5, 24.05S; 67.61W, h216km, 6km, ML4.0 ISC 10 19:59:28.7, 0.8, 24.18S; 0.05, 67.12W; 0.04, h189km, 7km, n37, r134/54, mb3.2/3, 5C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SLA San Lorenzo, AZAP Zapla, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YJA Yavi, YJA Yavi, PB06 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB14 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB10 IPOC Station P, PB10 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB03 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G004 Tololo Observa, APAC Coronel Fontan, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUM0 Guam, GUM0 Guam, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUM0 Guam, GUM0 Guam, etc.

2013 OCT

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MJAR Matushiro Arr, JNU Natsuse, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JAY Jayapura, KSRS Korea Array, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DZM Mont Dumac, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YKA Yellowstone Arr, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NVAR Milna Array Bea, FINES FINES Array B, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PET comp=N, 4um, 0.5s, PET comp=N, 4um, 0.5s, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USA0B USSuriysk Arr, USA0B USSuriysk Arr, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USA0B USSuriysk Arr, USA0B USSuriysk Arr, etc.

KRSC 10 20:14:52.2, 1.3, 52.52N; 160.79E, h50km, 22km, ML4.7 MOS 10 20:14:55.4, 1.1, 52.59N; 160.56E, h49km, mb5.1/13, Error ellipse: s-maj=7.1km s-min=4.4km az=104.7

BUL 10 20:14:56.0, 0.0, 53.41N; 159.96E, h30km, mb4.5/17, mb4.8/13, Ms4.5/4, Ms7.4/2, ISCJB 10 20:14:56.7, 0.6, 52.62N; 0.03, 160.47E; 0.06, h56km, 3km, mb4.5/5, MS3.6/12, Error ellipse: s-maj=7.7km

NEIC 10 20:14:58.9, 1.9, 52.73N; 0.10, 160.2E; 0.1, h53km, 5km, mb4.6/42, ISC 10 20:14:59.2, 0.7, 52.71N; 160.17E, h57km, 23km, mb4.0/29, mb1 4.1/31, mb1mx4.0/68, mbtmp4.3/31, ML4.0/2, MS3.6/13, Ms1 3.6/13, ms1mx3.3/52, Error ellipse: s-maj=18.0km s-min=12.3km az=110.0

ISC 10 20:14:55.0, 0.9, 52.56N; 0.04, 160.68E; 0.04, h32km, 5km, n246, r195/265, mb4.6/61, MS3.6/12, 11C-15D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, etc.

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

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

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

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

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USA0B USSuriysk Arr, USA0B USSuriysk Arr, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like USA0B USSuriysk Arr, USA0B USSuriysk Arr, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KSH, KK31, PDAR, CHTO, ULM, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like DRGR, MLR, TIRR, GERES, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like DUNU, DUNU, DUNU, etc.

KDTR			S	Sn	22 18 46.4	-2.2
PETK	Petropavlovsk-	1.93 286	P	Pn	22 18 27.3	+0.8
	comp=E,50nm,0.3s,baz=96,slow=19,SNR=285					
PETK			S	Sb	22 18 52.2	-0.8
	comp=E,91nm,0.3s,baz=90,slow=39,SNR=21					
PETK			LR	LR	22 19 15.5	
	comp=E,249nm,21.0s,baz=100,slow=48					
GNL	Ganally	2.02 304	eP	Pb	22 18 30.4	-0.1
GNL			eS	Sb	22 18 56.3	+0.6
GNL			eS	Pb	22 18 30.4	-0.1
GNL	Ganally	2.02 304	eS	Sb	22 18 56.3	+0.6
APC	Apacha	2.21 280	eS	Pb	22 18 32.5	-1.3
APC			eS	Sn	22 18 58.1	+0.2
APC	Apacha	2.21 280	Pn	Pb	22 18 32.5	-1.3
APC			eS	Sn	22 18 58.1	+0.2
KZV	Kizimen	2.52 354	eS	Pn	22 18 37.2	+2.4
KZV			eS	Sb	22 19 08.5	-1.8
KZV	Kizimen	2.52 354	Pn	Sb	22 18 37.3	+2.4
KZV			eS	Sb	22 19 08.5	-1.8
TUMD	Tumrok D	2.61 355	eS	Pb	22 18 38.9	-1.6
TUMD			eS	Sn	22 19 09.3	+1.7
TUMR	Tumrok	2.70 352	Pn	Pb	22 18 38.9	+1.6
TUMR			S	Sn	22 19 09.3	-0.8
MA2	Magadan	8.93 325	LR	LR	22 23 49.4	
	comp=E,94nm,20.6s,baz=106,slow=41					
SEY	Seymchan	11.25 340	i Pn	Pn	22 20 31.5	-3.0
ASAJ	Asashikawa	23.69 335	i P	Pn	22 21 21.9	-0.1
	comp=E,0.4nm,0.3s,baz=41,slow=20,SNR=1.8					
KLR	Kul'dur	18.55 271	i P	Pn	22 22 12.1	+1.7
	comp=E,0.1nm,0.3s,baz=70,slow=15,SNR=3.1					
KLR	Kul'dur	18.55 271	i P	Pn	22 22 10.4	+0.1
KLR			pmax	pmax		
YAK	Yakutsk	19.07 312	i P	Pn	22 22 14.2	-1.7
YAK			pmax	pmax		
USRK	Ussuriysk Ar.	20.76 258	P	P	22 22 32.8	-1.7
	comp=Z,2.0nm,0.8s,baz=147,slow=40,SNR=4.4					
USRK			LR	LR	22 31 37.8	
	comp=Z,80nm,18.6s,baz=192,slow=40					
MJAR	Matsushiro Arr	22.58 234	P	P	22 22 55.4	+1.3
	comp=Z,1.7nm,0.7s,baz=20,slow=8,SNR=5.2					
TIXI	Tiksi	23.69 335	i P	Pn	22 23 04.2	-0.9
	comp=Z,2.0nm,0.6s,baz=120,slow=12,SNR=8.7					
TIXI			LR	LR	22 32 00.5	
	comp=Z,53nm,19.1s,baz=137,slow=36					
TIXI	Tiksi	23.69 335	i P	Pn	22 23 03.8	-1.3
TIXI			pmax	pmax		
	comp=Z,3.0nm,1.0s					
ILAR	Eielson Array	28.87 45	P	P	22 23 52.7	+0.7
	comp=Z,0.2nm,0.4s,baz=265,slow=8.9,SNR=3.4					
H11N2	WAKE ISLAND Hy	33.16 169	T	T	22 59 58.9	
	baz=348,slow=76					
H11N3	WAKE ISLAND Hy	33.17 169	T	T	23 00 00.0	
	baz=348,slow=76					
H11N1	WAKE ISLAND Hy	33.18 169	T	T	23 00 00.1	
	baz=348,slow=76					
H11S1	WAKE ISLAND Hy	34.35 170	T	T	23 01 24.4	
	baz=354,slow=76					
H11S3	WAKE ISLAND Hy	34.36 170	T	T	23 01 23.0	
	baz=354,slow=76					
H11S2	WAKE ISLAND Hy	34.37 170	T	T	23 01 25.2	
	baz=354,slow=76					
SONM	Songino Array	34.41 284	P	P	22 24 39.8	-1.2
	comp=Z,0.5nm,0.8s,baz=67,slow=6,SNR=3.1					
SONM			LR	LR	22 39 50.0	
	comp=Z,69nm,19.6s,baz=117,slow=38					
NR1K	Nori'sk	36.54 325	LR	LR	22 41 26.5	
	comp=Z,1.07nm,18.1s,baz=125,slow=39					
ZALV	Zalesovo Beam	43.38 303	P	P	22 25 54.6	-1.2
	comp=Z,1.8nm,1.0s,baz=83,slow=4.6,SNR=3.3					
ZALV			LR	LR	22 44 00.5	
	comp=Z,35nm,21.2s,baz=144,slow=36					
KURK	Kurchatov	48.34 303	i P	P	22 26 32.4	-2.6
KURK			pmax	pmax		
	comp=Z,3.0nm,1.1s					
MKAR	Makanchi Array	48.73 296	P	P	22 26 35.6	-2.6
	comp=Z,0.4nm,0.5s,baz=52,slow=5.3,SNR=6.2					
MKAR	Makanchi Array	48.73 296	eP	P	22 26 37.5	-0.7
NVAR	Mina Array Bea	55.52 70	P	P	22 27 31.2	+2.1
	comp=Z,0.3nm,0.3s,baz=297,slow=8.0,SNR=3.6					
AAK	Ala-Archa	55.66 297	i P	P	22 27 30.4	+0.5
AAK			pmax	pmax		
	comp=Z,4.0nm,1.3s					
PDAR	Pinedale Array	57.40 61	P	P	22 27 44.7	+2.3
	comp=Z,0.4nm,0.7s,baz=0,slow=4.5,SNR=3.3					
CMAR	Chiang Mai Arr	58.49 259	P	P	22 27 50.9	+0.9
	comp=Z,2.4nm,0.3s,baz=40,slow=7.1,SNR=3.2					
FINES	FINES Array B	60.73 337	eP	P	22 28 05.0	+0.2
	comp=Z,1.7nm,0.6s,baz=32,slow=8.1,SNR=14					
FINES	FINES Array B	60.73 337	eP	P	22 28 04.4	-0.4
FINES			pmax	pmax		
OBN	Obninsk	63.14 328	eP	P	22 28 20.6	-0.5
OBN			e		22 28 58.4	
OBN			e		22 30 39.0	
OBN			pmax	pmax		
	comp=Z,5.0nm,1.0s					
AKASG	Malin Array Be	69.24 329	P	P	22 28 59.9	-0.4
	comp=Z,0.3nm,0.3s,baz=30,slow=6.5,SNR=3.1					
KBZ	Khabaz	70.17 317	P	P	22 29 06.0	-0.2
	comp=Z,1.7nm,0.8s,baz=286,slow=4.8,SNR=3.9					
KBZ	Khabaz	70.17 317	P	P	22 29 06.0	-0.2
TXAR	Lajitas Array	70.45 67	P	P	22 29 09.9	+1.7
	comp=Z,0.2nm,0.5s,baz=277,slow=3.3,SNR=3.6					
TXAR	Lajitas Array	70.45 67	eP	P	22 29 08.6	+0.3
CLL	Colim	72.95 340	eP	P	22 29 21.0	-1.8
CLL			e		22 29 21.0	-1.8
CLL	Colim	72.95 340	eS	P	22 29 24.0	-1.2
CLL			eS	P	22 29 36.2	+0.5
GERES	GERES Array B	75.11 338	P	P	22 29 36.2	+0.5
	comp=Z,0.2nm,0.3s,baz=35,slow=7.8,SNR=2.7					
WRA	Warramunga Arr	75.82 206	P	P	22 29 40.1	+0.3
	comp=Z,0.3nm,0.4s,baz=36,slow=7.1,SNR=2.6					
BRTR	Keekin Array B	77.25 321	P	P	22 29 48.1	+0.1
	comp=Z,0.3nm,0.4s,baz=75,slow=1.6,SNR=4.0					
ASAR	Alice Springs	79.49 205	P	P	22 30 01.2	+1.0
	comp=Z,0.6nm,0.5s,baz=15,slow=5.9,SNR=6.6					

<p>LDG 10 22:41:59.9, 44°16'N, 12°82'E, h31km ISCJB 10 22:42:01.6, 0.2, 44°01'N, 0°02:12:89E±0.02, h41km±5km, Error ellipse: s-maj=2.9km s-min=2.6km az=22.5 ROM 10 22:42:01.7±0.1, 43°99'N, 0°04:12:90E±0.006, h32km, ML2.9/50, Error ellipse: s-maj=0.5km s-min=0.4km az=321.0 PRU 10 22:42:04.1±0.0, 44°31'N, 13°16'E, h0km ISC 10 22:42:01.7±1.0, 43°98'N, 0°02:12:86E±0.02, h34km±2km, n100, ±1661/130, 3C-1D, Central Italy</p>									
Code	Station Name	Δ ^h	Δ ^s	AZ [°]	Phase ID	ISC	Time	Res	
							h m s	ISC	
PESA	Pesaro	0.04	204			P	22 42 07.2	-0.2	
PESA						Pb	22 42 11.4	+0.2	
PESA						AML			
	comp=E,10160μm,0.2s								
FSSB	Fossombrone	0.29	192			P	22 42 09.2	-0.3	
FSSB						Sb	22 42 15.0	+0.3	
FSSB						AML			
	comp=N,6065μm,0.6s								
FSSB						AML			
	comp=N,6420μm,0.7s								
FSSB						AML			
	comp=E,7265μm,0.1s								
RSM	Repubblica di	0.30	261			P	22 42 10.1	+0.5	
RSM						Pn			
RSM						AML			
	comp=E,751μm,0.8s								
RSM						AML			
	comp=N,710μm,0.9s								
BLLA	Bellaria	0.33	300			P	22 42 10.7	+0.6	
MPAG	Monte Paganucc	0.36	192			P	22 42 10.1	-0.3	
MPAG						Sb	22 42 16.7	+0.5	
MPAG						AML			
	comp=E,1890μm,1.5s								
MPAG						AML			
	comp=E,1920μm,1.5s								
MPAG						AML			
	comp=N,2555μm,1.3s								
MPAG						AML			
	comp=N,2515μm,1.3s								
MPAG						AML			
	comp=N,2560μm,1.3s								
MPAG						AML			
	comp=E,1915μm,1.5s								
MPAG						AML			
	comp=N,2520μm,1.3s								
SENI	Senigallia	0.38	135			P	22 42 10.9	-0.1	
SENI						Pn			
SENI						AML			
	comp=N,4330μm,0.2s								
SENI						AML			
	comp=N,3960μm,0.2s								
PE3	Peglio	0.39	223			P	22 42 11.0	+0.3	
PE3						Sb	22 42 18.5	+1.5	
PE3						AML			
	comp=N,6185μm,0.7s								
PE3						AML			
	comp=N,2800μm,0.5s								
PE3						AML			
	comp=N,6190μm,0.7s								
NARO	Abbazia di Nar	0.42	209			P	22 42 11.2	0.0	
NARO						Sb	22 42 18.7	+0.8	
NARO						AML			
	comp=N,2870μm,0.3s								

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO, MAT, MJAR, RDOG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, ARU, AAK, NV01, KSH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GGN, LMN, DRGR, EMMW, etc.

IDC 10 23:56:38.1±8.1, 16.93S×179.40W, h0km, mb3.8/2, ms1mx2.9/23, Error ellipse - s-maj=395.6km

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

GCG 11 00:02:40.8±1.8, 13.61N×91.70W, h0km, 24km, MD4.1, IDC 11 00:02:40.8±2.6, 13.68N×91.71W, h0km, mb3.7/4,

NEIC 11 00:02:47.2±1.9, 14.00N×07.9188W, 0.06, h30km, 8km, mb4.1/14

SNET 11 00:02:47.8±0.9, 14.40N×91.23W, h35km, 261km, ML3.9, ISC 11 00:02:44.2±0.9, 13.58N×07.9168W, 0.04, h32km, 5km,

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

CEVE comp=Z,2um,0.8s, 2.01 83 eP Pn 00 03 15.6 -0.5

SBSL San Blas 2.01 82 eP Pn 00 03 15.6 -0.5

LOMA Loma Larga 2.44 88 eP Pn 00 03 21.7 -0.2

TEIG Tepec 7.32 100 P Pn 00 04 36.7 +7.8

TLG Tlapacoyan 7.73 302 P Pn 00 04 32.9 -1.8

CCIG Comitán 2.73 351 P Pn 00 04 24.0 -1.9

TEIG Tepec 7.32 100 P Pn 00 04 36.7 +7.8

TLG Tlapacoyan 7.73 302 P Pn 00 04 32.9 -1.8

CCIG Comitán 2.73 351 P Pn 00 04 24.0 -1.9

TEIG Tepec 7.32 100 P Pn 00 04 36.7 +7.8

TLG Tlapacoyan 7.73 302 P Pn 00 04 32.9 -1.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOGA Godfrey, MNTX Cornus Mount, AMTX Amarillo, etc.

GCJ 11 00:04:31.40, 7.13: 73°N-92°25'W, h136km, 16km, MD4.4 UCR 11 00:04:33&1.1, 13: 50°N-91.92°W, h0km, 13km, MD4.0, M4.0

ISC 11 00:04:34.9, 1.0, 13: 51°N-91.70°W, h0km, mb4.0/8, mb1.4/4.1, mb1mx1.4/2, mbtmp4.2/11, M4.1/3, MS3.6/18, Ms1.3/7.18, ms1mx3.5/32, Error ellipse: s-maj=24.8km s-min=18.2km az=57.0

ISC/JB 11 00:04:38.0, 6.0, 13: 59°N-105.91°E, h27km, mb4.0/8, MS3.6/17, Error ellipse: s-maj=7.8km s-min=3.9km az=14.9

SNET 11 00:04:43.0, 6.0, 14: 02°N-91.40°W, h27km, 827km, ML3.9 NEIC 11 00:04:43.2, 2.0, 13: 72°N-108.91°E, h35km, 3km, mb4.3/33

ISC 11 00:04:40.0, 0.6, 13: 63°N-106.91°E, h28km, n143, r156°/118, mb4.3/39, MS3.6/17, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STG3 Santiagouito, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X48A Hartselle, Y52A Lillim, W41B Gary Mavity, etc.

Table with columns: LZH Lanzhou, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr. Includes station details like 128.40 344, 146.42 341.

ASRS 11 00:54:39.6, 0.5, 52°N-2°9'6"E, h5km, MLh3.1/8, smi:org.gfz-potsdam.de/geofon/LOCAS2 earthModelID smi:org.gfz-potsdam.de/geofon/tab confirmed, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TDJR Todzha, KZLR Kyzyl, ARDR Aradan, etc.

ISC 11 01:09:42.0, 0.9, 27: 18°N-65°62'E, h0km, mb3.9/11, mb1.4/0.12, mb1mx3.7/50, mbtmp3.9/12, ML3.7/1, MS3.4/16, Ms1.3/4.16, ms1mx3.2/47, Error ellipse: s-maj=21.7km s-min=20.4km az=155.0

ISC/JB 11 01:09:44.9, 0.3, 27: 19°N-103.65°E, h33km, mb4.0/28, MS3.3/14, Error ellipse: s-maj=5.2km s-min=3.8km az=144.9

NEIC 11 01:09:46.0, 1.5, 27: 20°N-109.65°E, h26km, 4km, mb4.2/17

MOS 11 01:09:46.0, 1.2, 27: 31°N-65°61'E, h35km, mb4.4/12, Error ellipse: s-maj=9.2km s-min=6.0km az=108.8

LUMZ 11 01:09:58.4, 0.7, 26: 91°N-64°53'E, h10km, ms2.8/6, Error ellipse: s-maj=16.7km s-min=4.7km az=166.0

ISC 11 01:09:46.0, 5.2, 27: 19°N-106.65°E, h35km, n115, r159°/115, mb4.1/31, MS3.3/14, 2D, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, WSAR Wadi Sarin, etc.

Table of astronomical observations for stations LKRN through GEC2. Columns include station name, coordinates, and observation data.

Table of astronomical observations for stations GEC2 through CHIC. Columns include station name, coordinates, and observation data.

Table of astronomical observations for stations ROSC through PLAL. Columns include station name, coordinates, and observation data.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like V48A Smith Brothers, WVT Waverly, T47A Sharon Grove, etc.

VAO 11 01:45:03.1±0.4, 28°10'S; 66°27'W, h33km, mb4.5
ISC/JB 11 01:45:04.2±0.2, 28°02'S; 65°44'W, h10km, mb4.5/13, Error ellipse: s-maj=4.5km s-min=3.7km az=151.3

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like CYA Choya, AHML Horco Molle, VCA Vinchina, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like CFA comp=Z,31nm,0.3s, baz=26,slow=15, SNR=234, CFA comp=Z,223nm,0.3s, baz=267,slow=19, SNR=65.5, etc.

VAO 11 01:45:05.6±0.4, 28°03'S; 65°46'W, h10km, mb3.8, az=155°11', mb4.7/31, 1C-2D, Santiago del Estero

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like TORD Torodi Arr, TOAO Torodi Arr, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like MDND Maddock, OMMB Old Mammoth Mi, NVAR Mina Array Bea, etc.

ISC/JB 11 01:45:54.0±0.5, 6°06'S; 0°05'147.67E; 0'09, h77km, mb4.2/9, Error ellipse: s-maj=13.4km s-min=5.7km az=14.9
NEIC 11 01:45:55.0±2.5, 6°03'S; 0°09'147.6E; 0'2, h72km, 7km, mb4.2/8

IDC 11 01:45:56.0±2.0, 6°08'S; 147°57'E, h74km, 18km, mb4.2/8, mb1.4/3.1, mb1mx4.0/32, mbtmp4.5/11, MS3.5/2, Ms1 3.5/2, ms1mx3.0/37, Error ellipse: s-maj=23.7km s-min=11.8km az=107.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PMG Port Moresby, JAY Jayapura, COEN Coen, etc.

NEIC 11 01:51:20.3±1.4, 10°28'S; 0°07'17E; 0'08, h79km, 1km, mb5.4/252, Mw5.3, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, M0=0.22, Mw0=0.17, Mw=0.87, Mo=0.20, Mr=0.57, Fault plane solution: Mo1.11000x10^17 Np1.6615000x; b84.03000x; lambda.9755000x; NP2.629347000x; b9.64000x; lambda.38.43000x; Principal axes: T 0.8918, P1g39.0000, Azm158.0000;

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like TPUB, SSSLB, JRRM, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ABKAR, ARU, MAW, etc.

ISCJ 11 03:22:39.3+1.2, 6.57N-77.22W, h2km, 15km, MWV3.2
 UCPA 11 03:22:40.1+1.3, 6.49N, 0.07:77:33W, 0.05, h21km, 11km,
 Error ellipse: s-maj=13.7km s-min=4.8km az=34.7
 RSNC 11 03:22:40.4+1.3, 6.54N-77.25W, h3km, 10km, ML2.6
 ISC 11 03:22:38.5+1.6, 6.51N, 0.07:77:27W, 0.05, h1km, 12km,
 n12, r1931/19, Near west coast of Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PTAC	Punta Arditia,	0.83	320	eP	03 22 54.9	+0.5
PTAC				eS	03 23 05.8	+0.6
PTAC				i	03 23 09.5	
comp=Z,796nm,0.3s						
DBBC	Dabeiba	1.16	64	eP	03 22 59.8	-1.0
DBBC	Dabeiba	1.16	64	eS	03 22 59.8	-1.0
CBOC	Ciudad Bolivar	1.04	117	eP	03 23 05.0	-0.3
CBOC				eS	03 23 23.3	-0.3
CBOC				i	03 23 30.3	
comp=Z,18nm,0.2s						
HELIC	Santa Helena	1.76	100	eP	03 23 10.9	+0.5
HELIC				eS	03 23 33.4	-0.1
HELIC	Santa Helena	1.76	100	eP	03 23 10.6	+0.3
HELIC				eS	03 23 33.6	-0.0
PLMIC	San Jos del P	1.87	148	eP	03 23 12.9	+1.2
PLMIC				i	03 23 48.2	
comp=Z,35nm,0.1s						
UPD2	Meteti	2.15	340	eP	03 23 16.4	+0.9
UPD2				eS	03 23 42.7	-0.1
GUY2C	Guyana, Caldas	2.28	124	eP	03 23 20.4	+2.7
GUY2C				eS	03 23 44.6	-2.1
PTBC	PUERTO BERRIO,	2.79	89	eS	03 24 00.1	+1.5
AZU	Azuzero	3.24	293	eP	03 23 30.5	+0.1
AZU				eS	03 24 07.3	-2.5
UPA	Univ. de Panam	3.33	318	eS	03 24 11.0	-0.8

MOS 11 03:32:01.6+1.3, 19.87S:68.94W, h99km, mb4.8/16, Error
 ellipse: s-maj=13.7km s-min=7.1km az=105.3
 ISCJ 11 03:32:01.5+0.2, 19.87S:02:68:97W, 0.02, h105km, 2km,
 mb4.7/28, Error ellipse: s-maj=4.3km s-min=2.8km
 az=140.1
 NEIC 11 03:32:02.6+1.9, 19.93S:0:06:69:00W, 0.08, h99km, 4km,
 mb4.9/218, MLS.1(G)G3C
 VAO 11 03:32:02.9+0.5, 19.87S:68.89W, h99km, 4km, mb4.7
 IDC 11 03:32:03.0+0.6, 19.92S:68.91W, h106km, 4km, mb4.3/12,
 mb1.4/6/15, mb1mx4.4/26, mbmp4.8/15, MS3.2/7,
 Ms1 3.1/7, ms1mx3.0/22, Error ellipse: s-maj=14.9km
 s-min=8.9km az=90.0
 GUC 11 03:32:03.0+0.6, 19.99S:69:20W, h92km, 2km, ML5.1
 SJA 11 03:32:03.0+0.8, 19.97S:69:14W, h93km, 3km, ML4.4,
 MW4.4

ISC 11 03:32:02.0+0.4, 19.97S:0:03:69:10W, 0.05, h96km, 3km,
 h97km: pP, n718, r1914/674, mb4.9/108, 9C-7D, Northern
 Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
PB08	IPOC Station P	0.18	198	iP	03 32 17.8	+1.3
PB08				eS	03 32 18.9	+1.7
PB08				IAML	03 32 29.3	
comp=N, 69um, 0.3s						
PB08	IPOC Station P	0.18	198	eP	03 32 18.0	+1.5
PB08				eS	03 32 29.0	+2.0
GO01	Chusmiza	0.32	343	iS	03 32 18.4	+1.2
GO01				iS	03 32 29.8	+1.6
GO01				IAML	03 32 30.8	
comp=E, 116um, 0.4s						
GO01	Chusmiza	0.32	343	iP	03 32 18.4	+1.2
PB11	IPOC Station P	0.57	292	iP	03 32 31.4	+1.0
PB11				eS	03 32 19.4	+1.0
PB11	IPOC Station P	0.57	292	eP	03 32 32.0	+1.6
PB11				eS	03 32 18.6	+0.2
PB11	IPOC Station P	0.57	292	iP	03 32 23.9	+1.5
MNMC	Minye Minye	0.96	330	iP	03 32 28.0	+1.7
MNMC				iS	03 32 40.8	
MNMC				IAML	03 32 40.8	
comp=E, 135um, 0.6s						
MNMC	Minye Minye	0.96	330	iP	03 32 23.8	+1.5
PSGC	Pisagua	1.04	291	iP	03 32 23.5	+0.6
PSGC				eS	03 32 18.9	+0.4
PB01	IPOC Station P	1.13	199	iP	03 32 25.1	+1.1
PB01				eS	03 32 41.5	+1.1
PB01				IAML	03 32 42.9	
comp=E, 48um, 0.3s						
PB01	IPOC Station P	1.13	199	eP	03 32 24.5	+0.5
PB02	IPOC Station P	1.54	209	iP	03 32 29.7	+0.8
PB02				eS	03 32 50.2	+1.2
PB02	IPOC Station P	1.54	209	eP	03 32 31.8	+2.9
PB02				eS	03 32 51.8	+2.7
PB16	IPOC Station P	1.68	346	iP	03 32 33.2	+2.1
PB16				eS	03 32 46.0	+3.1
PB16	IPOC Station P	1.68	346	eP	03 32 33.8	+2.7
PB16				eS	03 32 56.2	+3.3
PB12	IPOC Station P	1.79	319	iP	03 32 33.0	+0.9
PB12				eS	03 32 56.5	+2.1
PB09	IPOC Station P	1.82	184	eP	03 32 35.2	+2.7
PB07	IPOC Station P	1.90	203	eP	03 32 34.6	+1.1
PB07				eS	03 32 58.8	+1.5
PB07				IAML	03 33 06.1	
comp=E, 28um, 0.5s						
PB07	IPOC Station P	1.90	203	eP	03 32 36.0	+2.4
PB04	IPOC Station P	2.15	196	eP	03 32 39.6	+2.7
PB04	IPOC Station P	2.55	203	eP	03 32 44.5	+2.4
PB04	IPOC Station P	2.55	203	eP	03 32 43.9	+1.8
LVC	Limon Verde	2.63	176	eP	03 32 45.1	+1.8
comp=E, 194nm, 0.3s, baz=349, slow=9, SNR=647						
LVC				S	03 33 17.9	+3.1
comp=E, 363nm, 0.3s, baz=136, slow=19, SNR=21						
LVC				LR	03 33 33.7	
comp=E, 223nm, 18.1s, baz=337, slow=34						
LVC	Limon Verde	2.63	176	eP	03 32 46.2	+2.9
LVC	Limon Verde	2.63	176	eP	03 32 45.1	+1.8
LVC				eS	03 33 17.9	+3.1
LVC	Limon Verde	2.63	176	eP	03 32 46.3	+2.9
LVC				IAML	03 33 26.3	
comp=Z, 3um, 0.2s						
LVC	Limon Verde	2.63	176	eP	03 32 46.2	+2.9
PB06	IPOC Station P	2.75	189	eP	03 32 47.3	+2.4
PB10	IPOC Station P	3.77	201	eP	03 32 58.4	0.0
LPAZ	La Paz	3.78	14	eP	03 33 02.7	+3.7
comp=Z, 46nm, 0.3s, baz=197, slow=6.3, SNR=647						
LPAZ	La Paz	3.78	14	eP	03 33 01.0	+2.0
LPAZ	La Paz	3.78	14	eP	03 33 02.2	+3.2
LPAZ	La Paz	3.78	14	eP	03 33 02.0	+3.0
YJA	Yavi	4.00	124	eP	03 33 05.7	+3.9
HJA	Humahuaca	4.70	134	eP	03 33 15.8	+4.3
HJA				IAML	03 34 19.5	
comp=Z, 212nm, 0.5s						
GO02	Mina Guanaco	5.18	185	eP	03 33 17.4	-0.4
AZAP	Zapla	5.64	139	eP	03 33 25.5	+1.6
AZAP				IAML	03 34 40.1	
comp=Z, 91nm, 0.7s						
GO03	Copiap	7.66	188	eP	03 33 48.2	-2.9
SIV	San Ignacio	8.60	64	eP	03 34 02.7	-1.3
comp=Z, 57nm, 0.3s, baz=262, slow=11, SNR=1850						
VCA	Vinchina	8.76	175	eP	03 34 08.5	+2.3
LCO	Las Campanas	9.12	189	eP	03 34 07.1	-4.1
LCO	Las Campanas	9.12	189	eP	03 34 07.1	-4.1
GO04	Tololo Observa	10.27	188	eP	03 34 23.1	-3.8
NNA	Nana	10.88	316	LR	03 39 29.5	
comp=Z, 44nm, 19.7s, baz=205, slow=541						
NNA	Nana	10.88	316	eP	03 34 34.5	-0.6
NNA	Nana	10.88	316	eP	03 34 34.5	-0.6
CFA	Coronel Fontan	11.61	176	eP	03 34 41.1	-3.7
comp=Z, 1.3nm, 0.3s, baz=272, slow=9.2, SNR=24						
CFA				S	03 36 43.3	-9.2
comp=Z, 1.9nm, 0.3s, baz=164, slow=17, SNR=2.6						
SAML	Samuel	12.36	28	eP	03 34 52.5	-2.4
SAML	Samuel	12.36	28	eP	03 34 52.4	-2.4
SAML	Samuel	12.36	28	eP	03 34 52.5	-2.4
CPUP	Villa Florida	12.53	123	eP	03 34 56.7	-0.4
comp=Z, 1.4nm, 0.3s, baz=302, slow=12, SNR=73						
CPUP				LR	03 40 19.0	
comp=Z, 99nm, 20.8s, baz=314, slow=40						
CPUP	Villa Florida	12.53	123	eP	03 34 56.2	-0.9
CPUP	Villa Florida	12.53	123	eP	03 34 56.2	-0.5
CPUP	Villa Florida	12.53	123	eP	03 34 56.2	-0.9
AQDB	Aquidauana	12.59	95	eP	03 34 55.8	-2.1

ROC1	El Roble	13.06	187	eP	03 35 03.6	-0.7
PEL	Peledue	13.19	186	eP	03 35 07.7	+1.8
PEL	Peledue	13.19	186	eP	03 35 07.7	+1.8
SALV	Santo Antonio	13.38	75	eP	03 35 05.9	-2.4
PP1B	Ponte de Pedro	13.67	82	eP	03 35 10.4	-1.7
GO05	Huila	15.19	187	eP	03 35 12.9	-1.3
CZSB	Chapado de Su	15.39	88	eP	03 35 32.9	-1.3
TRCB	Terra Rica	15.59	103	eP	03 35 36.4	-0.2
CLDB	Colider	15.68	57	eP	03 35 35.3	-2.5
PTGB	Pitanga	16.44	110	eP	03 35 47.1	-0.3
ARAG	Araguaiana, MT	16.99	78	eP	03 35 53.4	-0.6
ITAB	Itaboraite	17.14	118	eP	03 36 00.5	-0.7
CPBS	Carapagu Do Su	17.55	129	eP	03 36 00.5	-0.1
ITRB	Iturama	17.63	92	eP	03 36 01.0	-0.5
PLTB	Pedras Altas	18.20	133	eP	03 36 07.6	-0.0
FRTB	Faturra	18.46	104	eP	03 36 10.7	+0.1
SNLE	Canela	18.99	123	eP	03 36 16.9	+0.5
TRQA	Torquisset	19.05	163	eP	03 36 16.5	-0.4
TRQA				pmax		
comp=Z, 102nm, 1.7s						
TRQA	Torquisset	19.05	163	eP	03 36 17.2	+0.3
TRQA	Torquisset	19.05	163	eP	03 36 16.5	-0.4
TRQA				IAMB	03 36 21.2	
comp=Z, 102nm, 1.6s						
OGAU	Aigu	19.16	141	eP	03 36 18.8	+0.7
BB19	Bebedouro	19.30	97	eP	03 36 19.2	-0.5
GO06	Caruruhe	19.65	185	eP	03 36 23.7	+0.2
GO06				IAMB	03 36 25.5	
comp=Z, 73nm, 0.7s						
RCLB	Rio Claro- Sao	20.25	101	eP	03 36 29.5	-0.6
SPB	Sao Paulo	20.43	104	eP	03 36 31.2	-0.7
SPB	Sao Paulo	20.43	104	eP	03 36 30.7	-1.3
BDFB	Brasilia	20.52	81	eP	03 36 32.6	-0.5
comp=Z, 18nm, 0.5s, baz=262, slow=11, SNR=32						
BDFB				LR	03 45 37.0	
comp=Z, 145nm, 18.7s, baz=246, slow=40						
BDFB	Brasilia	20.52	81	eP	03 36 32.0	-1.1
BDFB				IAMB	03 36 34.0	
comp=Z, 26nm, 0.7s						
PLCA	Paso Flores	20.73	183	eP	03 36 35.9	+0.8
PLCA	Paso Flores	20.73	183	eP	03 36 34.9	-0.2
PLCA				pmax		
comp=Z, 41nm, 0.8s						
PLCA	Paso Flores					

BLA	Blacksburg	57.87 349	P	P	03 41 44.1 +0.1
S58A	Poland Farm, P	57.90 352	P	P	03 41 43.7 -0.4
V48A	Smith Brothers	57.90 343	P	P	03 41 43.5 -0.7
T54A	Tazewell	57.94 348	P	P	03 41 44.4 -0.1
X43A	Marvell	58.02 339	P	P	03 41 45.0 -0.1
U50A	Jamestown	58.03 345	P	P	03 41 44.6 -0.6
T53A	Wise	58.05 347	P	P	03 41 45.0 -0.3
CLTN	Cedars of Leba	58.10 344	I Amb	I Amb	03 41 45.9
S57A	Dark Hollow, R	58.17 351	P	P	03 41 46.1 +0.1
JCT	Junction City	58.21 329	P	P	03 41 46.5 0.0
JCT	Junction City	58.21 329	I Amb	I Amb	03 41 47.6
T52A	Hallie	58.27 347	P	P	03 41 46.8 +0.1
T51A	Gray	58.34 346	P	P	03 41 47.0 -0.2
U49A	Red Boiling Sp	58.35 344	P	P	03 41 46.6 -0.7
WHTX	Lake Whitney,	58.38 332	P	P	03 41 47.8 +0.1
S55A	Lewisburg	58.43 349	P	P	03 41 48.5 +0.6
WVT	Waverly	58.55 342	P	P	03 41 47.7 -1.0
WVT	Waverly	58.55 342	P	P	03 41 47.3 -1.4
WVT	Waverly	58.55 342	P	P	03 41 47.3 -1.4
T50A	Nancy	58.60 345	P	P	03 41 48.3 -0.8
S54A	Dingess, Beckl	58.60 349	P	P	03 41 49.1 -0.1
R57A	Standardsville	58.63 351	P	P	03 41 49.4 +0.2
T49A	Edmonton	58.85 345	P	P	03 41 50.2 -0.6
R54A	Victor	58.91 349	P	P	03 41 51.3 +0.1
MIAR	Mount Ida	59.01 336	P	P	03 41 51.8 -0.1
MIAR	Mount Ida	59.01 336	P	P	03 41 51.9 -0.1
MIAR	Mount Ida	59.01 336	I Amb	I Amb	03 41 52.3
W41B	Gary Mavity, V	59.09 338	P	P	03 41 52.1 -0.4
W41B	Gary Mavity, V	59.09 338	I Amb	I Amb	03 41 52.5
S50A	Richmond	59.13 346	P	P	03 41 52.2 -0.6
T47A	Sharon Grove	59.15 343	P	P	03 41 52.1 -0.8
Q58A	Fox Den Farm,	59.15 352	P	P	03 41 52.9 0.0
R53A	Hurricane	59.24 348	P	P	03 41 53.3 -0.2
TXAR	Lajitas Array	59.28 325	P	P	03 41 54.1 0.0
TXAR	Lajitas Array	59.28 325	P	P	03 41 53.9 -0.2
TXAR	Lajitas Array	59.28 325	P	P	03 41 53.9 -0.2
Q57A	Strasburg	59.34 352	P	P	03 41 54.8 +0.7
R52A	Cattlettsburg	59.38 348	P	P	03 41 54.1 -0.4
S49A	Springfield	59.44 345	P	P	03 41 54.2 -0.7
Q56A	Snyder Ridge,	59.46 351	P	P	03 41 55.8 +0.8
LCAR	Lake Charles	59.52 339	P	P	03 41 54.6 -0.8
LCAR	Lake Charles	59.52 339	I Amb	I Amb	03 41 55.5
R51A	Hillsboro	59.54 347	P	P	03 41 55.2 -0.4
Q55A	Buckhannon	59.55 350	P	P	03 41 56.5 +0.8
W39A	Magazine	59.66 337	P	P	03 41 56.8 +0.3
W39A	Magazine	59.66 337	I Amb	I Amb	03 41 57.8
Q54A	Coxs Mills	59.67 349	P	P	03 41 56.6 +0.2
Q53A	Leroy	59.67 349	P	P	03 41 56.5 +0.1
R50A	Paris	59.69 346	P	P	03 41 56.0 -0.6
FCAR	Ozark Folk Cen	59.69 338	I Amb	I Amb	03 41 56.6
P57A	Homestead Farm	59.73 352	P	P	03 41 57.2 +0.4
P56A	Dayton Farm, R	59.86 351	P	P	03 41 58.2 +0.5
ABTX	Ablene, Hawle	59.91 330	P	P	03 41 58.0 -0.2
ABTX	Ablene, Hawle	59.91 330	I Amb	I Amb	03 41 59.3
P55A	Reedsville	60.02 350	P	P	03 41 59.3 +0.5
WCI	Wyandotte Cave	60.11 344	P	P	03 41 58.6 -0.8
WCI	Wyandotte Cave	60.11 344	P	P	03 41 58.4 -1.0
WCI	Wyandotte Cave	60.11 344	I Amb	I Amb	03 41 58.9
Q50A	Georgetown	60.15 347	P	P	03 41 59.0 -0.7
MCWV	Mont Chateau	60.16 350	P	P	03 42 00.4 +0.6
Q51A	Peebles	60.19 347	P	P	03 41 59.5 -0.5
P54A	Burton	60.21 350	P	P	03 42 00.3 +0.2
P53A	Whipple	60.26 349	P	P	03 42 00.8 +0.4
U40A	Yellville	60.36 338	P	P	03 42 00.6 -0.6
U40A	Yellville	60.36 338	I Amb	I Amb	03 42 01.6
S44A	Carbondale	60.42 342	P	P	03 42 00.9 -0.6
Q49A	Aurora	60.51 346	P	P	03 42 01.4 -0.8
P52A	Corning	60.53 348	P	P	03 42 01.9 -0.4
P51A	Williamsport	60.57 348	P	P	03 42 01.8 -0.7
P51A	Williamsport	60.57 348	I Amb	I Amb	03 42 02.2
O56A	Blue Knob Stat	60.58 352	P	P	03 42 03.7 +1.0
O55A	Ligonier	60.62 351	P	P	03 42 03.3 +0.4
Q48A	North Vernon	60.63 345	P	P	03 42 02.1 -0.8
HHAR	Hobbs	60.69 337	P	P	03 42 02.5 -0.9
HHAR	Hobbs	60.69 337	I Amb	I Amb	03 42 04.0
O54A	Avell	60.76 350	P	P	03 42 03.5 -0.3
O50A	Jamestown	60.84 347	P	P	03 42 04.0 -0.5
MGMO	Mountain Grove	60.88 339	I Amb	I Amb	03 42 05.2
N57A	Milroy	60.93 353	P	P	03 42 05.5 +0.6
O52A	Adamsville	60.95 349	P	P	03 42 04.6 -0.5
O53A	New Philadelphia	60.97 349	P	P	03 42 05.0 -0.3
P49A	Miami Univ, Ec	60.97 346	P	P	03 42 04.1 -1.1
TUL1	Leonard	61.06 335	P	P	03 42 05.8 -0.2
TUL1	Leonard	61.06 335	P	P	03 42 06.0 +0.1
TUL1	Leonard	61.06 335	I Amb	I Amb	03 42 06.8

P48A	Milroy	61.06 346	P	P	03 42 04.8 -1.1
P48A	Milroy	61.06 346	I Amb	I Amb	03 42 05.0
O51A	Pataskala	61.12 348	P	P	03 42 05.6 -0.7
N55A	Marion Center	61.14 351	P	P	03 42 06.9 +0.5
N56A	West Decatur	61.18 352	P	P	03 42 06.9 +0.2
ACSO	Alum Creek Sta	61.28 348	P	P	03 42 06.8 -0.5
ACSO	Alum Creek Sta	61.28 348	I Amb	I Amb	03 42 07.7
O50A	Cable	61.32 347	P	P	03 42 07.1 -0.6
CCM	Cathedral Cave	61.36 340	P	P	03 42 07.4 -0.5
CCM	Cathedral Cave	61.36 340	P	P	03 42 06.9 -1.0
CCM	Cathedral Cave	61.36 340	I Amb	I Amb	03 42 06.9 -1.0
M58A	Price's Panora	61.41 354	P	P	03 42 08.6 +0.4
N53A	Lisbon	61.45 350	P	P	03 42 08.5 0.0
N54A	Moraine State	61.46 351	P	P	03 42 08.9 +0.3
O49A	Covington	61.51 347	P	P	03 42 08.7 -0.2
VNA3	Neumayer Olymp	61.57 162	P	P	03 42 09.9 +0.9
N52A	McGinn's Farm,	61.60 349	P	P	03 42 09.4 -0.1
M56A	Emporium	61.72 352	P	P	03 42 10.3 0.0
O48A	Farmland	61.76 346	P	P	03 42 09.6 -1.0
VNA1	Neumayer-Stat	61.77 161	P	P	03 42 11.6 +1.3
M55A	Ridgway	61.78 352	P	P	03 42 10.8 +0.1
N51A	Ashland	61.82 349	P	P	03 42 10.6 -0.4
L60A	Shokan	61.83 356	P	P	03 42 11.1 +0.1
N50A	Nevada	61.83 348	P	P	03 42 10.7 -0.3
M54A	Oil Creek Stat	61.95 351	P	P	03 42 12.0 +0.1
M53A	WJ Miller and	62.04 350	P	P	03 42 12.3 -0.1
MNTX	Cornudas Mount	62.05 325	P	P	03 42 12.1 -0.6
VNA2	Neumayer-Watz	62.14 161	P	P	03 42 13.5 +0.7
N49A	Columbus Grove	62.19 347	P	P	03 42 12.8 -0.6
N49A	Columbus Grove	62.19 347	P	P	03 42 12.3 -1.1
BINY	Binghamton	62.19 354	P	P	03 42 13.7 +0.3
M51A	Elyria	62.19 349	P	P	03 42 13.3 -0.2
L61B	Northampton	62.20 357	P	P	03 42 13.3 -0.2
M52A	Chesterland	62.25 350	P	P	03 42 13.5 -0.3
L56A	Greenwood	62.29 353	P	P	03 42 14.0 -0.2
P43A	Skaggs, Pawnee	62.30 342	P	P	03 42 13.3 -0.9
N48A	Decatur	62.31 346	P	P	03 42 13.3 -0.9
SFIN	Lafayette	62.34 345	P	P	03 42 12.9 -1.5
L55A	Hinsdale	62.44 352	P	P	03 42 15.3 +0.1
L53A	Girard	62.47 351	P	P	03 42 15.3 0.0
N47A	Urbana	62.48 346	P	P	03 42 14.2 -1.2
N47A	Urbana	62.48 346	I Amb	I Amb	03 42 15.1
O44A	Mansfield	62.48 343	P	P	03 42 14.0 -1.4
MSTX	Muleshoe	62.51 329	P	P	03 42 15.6 -0.2
MSTX	Muleshoe	62.51 329	I Amb	I Amb	03 42 15.4 -0.5
MSTX	Muleshoe	62.51 329	I Amb	I Amb	03 42 17.1
ERPA	Erie	62.59 351	P	P	03 42 16.1 +0.1
L54A	Sinclairville	62.61 351	P	P	03 42 16.4 +0.1
K59A	Cooperstown	62.66 355	P	P	03 42 16.8 +0.3
M49A	Liberty Center	62.67 347	P	P	03 42 15.9 -0.7
PLIO	Pelee Island,	62.68 349	P	P	03 42 16.2 -0.5
K58A	Garville	62.71 355	P	P	03 42 17.0 +0.1
K57A	Scipio Center	62.76 354	P	P	03 42 17.0 -0.2
K56A	Middlesex	62.82 353	P	P	03 42 17.6 0.0
K54A	Basiliko Farm,	62.90 352	P	P	03 42 18.4 +0.3
K55A	Perry	62.93 353	P	P	03 42 18.3 -0.1
HDIL	Hopedale	63.09 343	P	P	03 42 18.3 -1.1
L48A	N Adams	63.22 347	P	P	03 42 19.4 -0.9
L49A	Milan	63.24 348	P	P	03 42 19.7 -0.7
J58A	Remsen	63.27 355	P	P	03 42 21.1 +0.5
J59A	Pleasant	63.32 356	P	P	03 42 21.3 +0.4
J56A	Wolcott	63.34 354	P	P	03 42 20.8 -0.2
J56A	Wolcott	63.34 354	I Amb	I Amb	03 42 21.5
K52A	Tiltsburg	63.35 350	P	P	03 42 20.9 -0.2
J57A	Williamstown	63.39 354	P	P	03 42 21.2 -0.1
M5D	Medina	63.41 352	P	P	03 42 21.3 -0.2
K51A	Iona Station	63.42 350	P	P	03 42 21.2 -0.4
J55A	Hilton	63.43 353	P	P	03 42 21.3 -0.3
TYNO	Tyneside	63.53 351	P	P	03 42 22.2 -0.1
STCO	Saint Catharin	63.55 352	P	P	03 42 22.5 +0.2
I58A	Old Forge	63.58 355	P	P	03 42 22.6 0.0
I59A	Olmsteadville	63.60 356	P	P	03 42 23.0 +0.3
I60A	Shoreham	63.62 357	P	P	03 42 23.5 +0.7
I61A	Oroboro, Fairl	63.65 357	P	P	03 42 23.6 +0.6
K50A	Casco	63.67 349	P	P	03 42 22.4 -0.8
L46A	Eue Claire	63.69 346	P	P	03 42 23.1 -0.2
J52A	Paris	63.77 351	P	P	03 42 23.7 -0.1
SNA4	Sanae	63.77 161	P	P	03 42 24.3 +0.7
SNA4	Sanae	63.77 161	P	P	03 42 24.4 +0.7
SNA4	Sanae	63.77 161	I Amb	I Amb	03 42 23.9 +0.3
K49A	Clarkson	63.83 348	P	P	03 42 23.3 -1.0
I57A	Carthage	63.88 355	P	P	03 42 24.5 0.0
K48A	Perry	63.98 348	P	P	03 42 24.3 -0.9
319A	Doigas	63.98 322	I Amb	I Amb	03 42 27.9
PECO	Prince Edward	64.00 354	P	P	03 42 25.0 -0.3
K47A	Vermontville	64.03 347	P	P	03 42 24.7 -0.9

ACTO	Acton	64.06 351	P	P	03 42 25.9 +0.1
KSU1	Kansas State U	64.16 336	P	P	03 42 26.1 -0.5
K46A	Dorr	64.22 346	P	P	03 42 26.0 -0.8
H58A	Gabriels	64.24 356	P	P	03 42 27.5 +0.5
H60A	Morristown	64.30 357	P	P	03 42 28.0 +0.7
H63A	New Sharon	64.33 359	P	P	03 42 28.1 +0.7
J49A	Marlette	64.33 349	P	P	03 42 26.5 -1.0
I55A	Frankford	64.36 353	P	P	03 42 27.4 -0.2
H57A	Richville	64.38 355	P	P	03 42 27.7 -0.1
J48A	Bridge Port	64.39 348	P	P	03 42 27.2 -0.7
I51A	Listowel	64.40 350	P	P	03 42 27.7 -0.2
H59A	Cadysville	64.44 356	P	P	03 42 28.4 +0.1
LONY	Lake Ozonia	64.47 356	P	P	03 42 28.4 0.0
J47A	Sumner	64.54 347	P	P	03 42 28.1 -0.7
J47A	Sumner	64.54 347	I Amb	I Amb	03 42 28.5
H56A	Elgin	64.58 354	P	P	03 42 29.1 0.0
BNM	Barren Site	64.61 326	P	P	03 42 30.3 +0.5
H55A	Tweed	64.63 354	P	P	03 42 29.4 0.0
DELO	Deloro Mine	64.65 353	P	P	03 42 30.4 -0.1
DELO	Deloro Mine	64.65 353	I Amb	I Amb	03 42 30.0
BASO	Ashland	64.71 350	P	P	03 42 29.6 -0.3
H53A	Bobcaygeon	64.81 353			

11d 3h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like KSCO, D63A, BGNE, D58A, etc.

2013 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like AGMN, MPMC, DUG, ISA, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MAW, MAW, MAW, YKA, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like EOS1, EOS1, TWC, etc.

ENA	Nanau	0.66 174	P	Pn	04 46 20.7 -0.2
ENA	baz=184	eS		Sn	04 46 36.9 -0.3
NANB	Nanao	0.66 173	P	Pn	04 46 20.5 -0.3
NANB	baz=184	eS		Sn	04 46 36.4 -0.7
PCYT	Pengchayiu	0.66 34	P	Pn	04 46 21.1 +0.3
PCYT	baz=30	S		Sn	04 46 37.8 +0.6
EOS1	EOS1	0.68 141	↑P	Pn	04 46 21.3 +0.4
EOS1	baz=138	eS		Sn	04 46 37.9 +0.6
SBCB	Hsinchu	0.68 245	P	Pn	04 46 21.3 +0.3
SBCB	baz=255	S		Sn	04 46 36.8 -0.5
HSN	Hsinchu	0.69 246	P	Pn	04 46 21.0 0.0
HSN	baz=259	S		Sn	04 46 36.3 -1.2
NNS	Nan Shan	0.69 202	eP	Pn	04 46 21.2 -0.1
NNS	baz=206	eS		Sn	04 46 37.0 -0.8
NNSB	Datong	0.70 201	↑P	Pn	04 46 21.2 -0.1
NNSB	baz=205	S		Sn	04 46 36.3 -1.6
LIOB	Emei	0.73 234	↑P	Pn	04 46 21.5 +0.1
LIOB	baz=236	S		Sn	04 46 37.5 -0.6
NSTT	Nanjiang	0.75 233	↑P	Pn	04 46 21.6 +0.4
NSTT	baz=235	S		Sn	04 46 37.4 -0.8
ETLH	Kulien Townshi	0.89 191	eP	Pn	04 46 22.4 -0.3
ETLH	baz=187	eS		Sn	04 46 39.4 -1.0
NACB	Ninganchiao	0.91 184	↑P	Pn	04 46 21.7 -1.0
NACB	baz=191	eS		Sn	04 46 38.5 -1.9
NACB	Ninganchiao	0.91 184	eP	Pn	04 46 21.9 -0.9
NACB	Tachien	0.94 208	eP	Pn	04 46 23.7 +0.6
NACB	baz=213	eS		Sn	04 46 41.0 -0.3
TWT		0.96 236	eP	Pn	04 46 23.6 +0.4
NMLH	Miao1	0.96 236	eP	Pn	04 46 41.0 -0.3
NMLH	baz=233	eS		Sn	04 46 41.0 -0.3
TWD	Chiawan	1.00 183	eP	Pn	04 46 22.4 -1.0
TWD	baz=190	eS		Sn	04 46 39.6 -2.2
WHF	Hehuan Shan	1.00 201	eP	Pn	04 46 24.5 +0.5
WHF	baz=199	S		Sn	04 46 42.3 -0.4
WHP	Taichung City	1.03 219	↑P	Pn	04 46 24.3 +0.4
WHP	baz=229	eS		Sn	04 46 41.3 -1.2
NSY	Sanyi	1.05 231	↑P	Pn	04 46 24.6 +0.6
NSY	baz=238	S		Sn	04 46 42.2 -0.5
PTSB	Yuanli	1.08 234	↑P	Pn	04 46 24.4 +0.3
PTSB	baz=237	S		Sn	04 46 42.6 -0.5
TWS1	Liyutan	1.09 228	↑P	Pn	04 46 24.7 +0.4
TWS1	baz=236	S		Sn	04 46 42.6 -0.7
HWA	Hwalien	1.10 183	eP	Pn	04 46 23.7 -0.7
HWA	baz=190	eS		Sn	04 46 42.2 -1.3
CHGB	Renai	1.11 204	↑P	Pn	04 46 25.2 +0.5
CHGB	baz=203	S		Sn	04 46 43.8 -0.2
ENLB	Shoufeng	1.18 183	eP	Pn	04 46 25.1 0.0
ENLB	baz=189	eS		Sn	04 46 44.5 -0.3
WDJ	Dajia District	1.18 232	eP	Pn	04 46 25.6 +0.4
WDJ	baz=239	eS		Sn	04 46 44.3 -0.5
DPDB	Guoxing	1.24 213	↑P	Pn	04 46 26.2 +0.3
DPDB	baz=214	eS		Sn	04 46 45.2 -0.7
ESL	Shiin	1.28 189	eP	Pn	04 46 24.9 -1.2
ESL	baz=189	eS		Sn	04 46 46.1 -0.6
TCU	Taichung	1.29 224	eP	Pn	04 46 26.7 +0.5
TCU	baz=225	eS		Sn	04 46 46.1 -0.6
JYNG	Yongunijimaku	1.32 118	P	Pn	04 46 26.4 -0.1
JYNG	baz=124	eS		Sn	04 46 46.2 -1.1
YOJ	Yonguniji jima	1.37 116	↑P	Pn	04 46 26.7 -0.3
YOJ	baz=124	S		Sn	04 46 46.8 -1.4
YOJ	Yonguniji jima	1.37 116	P	Pn	04 46 26.8 -0.3
YOJ	baz=124	eS		Sn	04 46 47.0 -1.1
YOJ	Yonguniji jima	1.37 116	↑P	Pn	04 46 26.4 -0.6
YOJ	Yuchr	1.38 212	↑P	Pn	04 46 27.6 +0.4
YOJ	baz=213	S		Sn	04 46 47.8 -0.6
VWDT	VWDT	1.41 200	↑P	Pn	04 46 28.2 +0.8
VWDT	baz=204	eS		Sn	04 46 49.1 +0.3
WCHH	Zhanghua	1.42 225	eP	Pn	04 46 27.5 0.0
WCHH	baz=222	eS		Sn	04 46 49.2 +0.2
EGFH	Guangfu	1.42 189	eP	Pn	04 46 26.8 -0.9
EGFH	baz=190	eS		Sn	04 46 46.7 -2.4
SSLB	Suanglung	1.44 207	↑P	Pn	04 46 28.1 +0.3
SSLB	baz=214	S		Sn	04 46 48.5 -1.0
SSLB	Suanglung	1.44 207	P	Pn	04 46 27.8 0.0
SSLB	baz=211	eP		Sn	04 46 28.6 +0.3
WNT	WNT	1.50 217	eP	Pn	04 46 50.1 -0.4
WNT	baz=211	eS		Sn	04 46 28.9 +0.3
WJS	Zhushan	1.52 214	↑P	Pn	04 46 50.9 -0.1
WJS	baz=215	eS		Sn	04 46 50.9 -0.1
WHYT	Xinyi Township	1.56 208	↑P	Pn	04 46 29.6 +0.4
WHYT	baz=209	eS		Sn	04 46 51.7 -0.2
HGSD	Ruisui	1.60 188	eP	Pn	04 46 29.2 -0.3
HGSD	baz=188	eS		Sn	04 46 51.7 -0.8
EHY	Hungye	1.60 191	eP	Pn	04 46 28.4 -1.1
EHY	baz=183	eS		Sn	04 46 51.1 -1.5
RLNB	Erlin	1.68 225	eP	Pn	04 46 30.6 +0.2
RLNB	baz=221	eS		Sn	04 46 54.0 0.0
WGK	Gukeng	1.71 216	eP	Pn	04 46 31.2 +0.4
WGK	baz=211	eS		Sn	04 46 55.4 +0.6
YULB	Yu-li	1.72 191	eP	Pn	04 46 29.6 -1.3
YULB	baz=184	eS		Sn	04 46 52.0 -2.9

YULB	Yu-li	1.72 191	P	Pn	04 46 29.8 -1.1
WDLH	Douliu	1.73 217	P	Pn	04 46 31.4 +0.5
WDLH	baz=211	eS		Sn	04 46 54.7 -0.3
CHNS	Tsauling	1.73 211	↑P	Pn	04 46 31.4 +0.4
CHNS	baz=212	eS		Sn	04 46 54.7 -0.6
WTCT	Ta-cheng	1.75 226	P	Pn	04 46 31.4 +0.2
WTCT	baz=227	eS		Sn	04 46 55.6 +0.1
TWF1	Yuli	1.75 191	eP	Pn	04 46 30.1 -1.1
TWF1	baz=193	eS		Sn	04 46 30.1 -1.1
PTTC	Pingtan	1.76 284	↑P	Pn	04 46 31.0 -0.3
PTTC	baz=285	eS		Sn	04 46 54.1 -1.7
MATB	Ma-tsu	1.88 305	↑P	Pn	04 46 32.4 -0.3
MATB	baz=305	eS		Sn	04 46 56.5 -1.6
CHN2	Minshiang	1.89 215	eP	Pn	04 46 32.9 +0.2
CHN2	baz=212	eS		Sn	04 46 59.0 +0.7
CHY	Chiayi	1.94 216	↑P	Pn	04 46 33.7 +0.4
CHY	baz=211	eS		Sn	04 46 60.0 +0.6
WSF	Szhu	1.95 223	↑P	Pn	04 46 33.8 +0.3
WSF	baz=223	eS		Sn	04 46 59.7 +0.2
ELDTW	Lidau	1.98 197	eP	Pn	04 46 34.2 +0.2
ELDTW	baz=190	eS		Sn	04 46 59.4 -1.0
CHN4	Tsaihan	1.98 210	↑P	Pn	04 46 34.3 +0.4
CHN4	baz=190	eS		Sn	04 47 00.3 0.0
CHKT	Chengkung	1.99 188	eP	Pn	04 46 33.8 -0.2
CHKT	baz=183	eS		Sn	04 46 54.3 +0.1
TPUB	Ta-pu	2.01 208	↑P	Pn	04 47 00.3 -0.7
TPUB	baz=208	S		Sn	04 47 00.3 -0.7
TPUB	Ta-pu	2.01 208	eP	Pn	04 46 33.9 -0.3
TPUB	YWUC	2.01 268	↑P	Pn	04 46 34.0 -0.1
TPUB	baz=269	eS		Sn	04 46 59.3 -1.5
IRIF	Iriomote-Funau	2.02 111	P	Pn	04 46 33.7 -0.6
IRIF	baz=111	S		Sn	04 47 00.3 -0.8
WLBG	Puzi	2.02 218	eP	Pn	04 46 34.5 +0.2
WLBG	baz=218	eS		Sn	04 47 01.9 +0.7
WTP	Ta-pu	2.06 208	↑P	Pn	04 46 35.0 +0.1
WTP	baz=208	S		Sn	04 47 01.6 -0.6
TWK	Hsiuying	2.10 211	P	Pn	04 46 35.2 -0.1
TWK	baz=210	eS		Sn	04 47 01.9 -1.1
SNST	Tainan City	2.14 210	eP	Pn	04 46 35.6 -0.1
SNST	baz=210	eS		Sn	04 47 03.2 -0.5
CHN1	Nanshi	2.15 209	↑P	Pn	04 46 36.0 +0.1
CHN1	baz=209	eS		Sn	04 47 03.6 -0.5
CHN8	Yiji	2.18 218	eP	Pn	04 46 36.3 +0.1
CHN8	baz=217	eS		Sn	04 46 54.7 +0.2
HATJ	Hateruma jima	2.20 117	P	Pn	04 46 36.8 +0.3
HATJ	baz=117	eS		Sn	04 47 04.7 -0.3
SGST	Jiashian	2.22 207	↑P	Pn	04 46 36.2 -0.6
SGST	baz=206	S		Sn	04 47 04.2 -1.3
LYJJ	Jianjiangzhen	2.25 311	↑P	Pn	04 46 35.9 -1.1
LYJJ	baz=311	eS		Sn	04 47 03.7 -2.4
XPSS	Dashiqi	2.27 325	↑P	Pn	04 46 37.1 -0.1
XPSS	baz=324	eS		Sn	04 47 05.4 -1.1
SLGT	Pinglang	2.28 204	eP	Pn	04 46 37.9 +0.4
SLGT	baz=204	eS		Sn	04 47 06.0 -0.7
JKRS	Kuro-shima	2.29 111	P	Pn	04 46 37.5 -0.1
JKRS	baz=111	eS		Sn	04 47 06.4 -0.6
PTMZ	Houxiangcun	2.31 269	↑P	Pn	04 46 37.7 -0.1
PTMZ	baz=271	eS		Sn	04 47 05.3 -1.9
TWG	Pinglang	2.32 194	eP	Pn	04 46 37.2 -0.7
TWG	baz=185	eS		Sn	04 47 06.1 -1.4
TWG	Beinan	2.32 193	eP	Pn	04 46 37.5 -0.4
TWG	baz=185	eS		Sn	04 46 36.9 -1.0
TWGBT	Beinan	2.32 193	eP	Pn	04 46 37.5 -0.4
TWGBT	baz=185	S		Sn	04 47 06.1 -1.5
SCLT	Hiali	2.33 216	eP	Pn	04 46 38.4 +0.4
SCLT	baz=222	eS		Sn	04 47 08.6 +0.9
JUJ	Ishigaki jima	2.37 107	P	Pn	04 46 38.1 -0.4
JUJ	baz=107	S		Sn	04 47 06.6 -2.0
PNG	Penghu	2.44 232	↑P	Pn	04 46 39.4 -0.1
PNG	baz=227	eS		Sn	04 47 08.5 -1.8
JISG	Ishigakijimahi	2.46 101	P	Pn	04 46 39.3 -0.3
JISG	baz=101	S		Sn	04 47 09.1 -1.4
PHUB	Peng-hu	2.47 231	↑P	Pn	04 46 39.5 -0.2
PHUB	baz=226	eS		Sn	04 47 09.3 -1.5
SSD	Sandimen	2.51 202	eP	Pn	04 46 40.5 +0.2
SSD	baz=210	eS		Sn	04 47 11.0 -0.8
TWMT	Shoushan	2.52 207	eP	Pn	04 46 41.1 +0.7
TWMT	baz=206	eS		Sn	04 47 13.3 +0.2
ECL	Taimali	2.56 195	eP	Pn	04 46 41.6 +0.7
ECL	baz=188	eS		Sn	04 47 11.6 -1.2
WDGT	Dungji	2.58 226	eP	Pn	04 46 41.2 +0.2
WDGT	baz=219	eS		Sn	04 47 12.3 -0.9
MHZO	Yeshan	2.58 294	↑P	Pn	04 46 41.0 -0.1
MHZO	baz=295	eS		Sn	04 46 42.2 +0.6
SNJT	Kaohsiung City	2.62 208	eP	Pn	04 46 42.1 +0.3
SNJT	baz=216	eS		Sn	04 46 42.1 +0.3
MASBT	Mashbuluo	2.63 201	↑P	Pn	04 47 13.5 -1.0
MASBT	baz=209	eS		Sn	04 46 43.5 0.0
VCHM	Qimei	2.76 228	↑P	Pn	04 47 16.7 -0.8
VCHM	baz=221	eS		Sn	04 46 43.9 +0.1
EAST	Anshuo	2.79 196	eP	Pn	04 46 43.6 -0.1
EAST	baz=197	S		Sn	04 47 16.1 -1.9
OZH	Quanzhou	2.79 268	↑P	Pn	04 46 43.6 -0.1
OZH	baz=268	Smax		Smmax	04 47 16.1 -1.9
OZH	comp=N,80nm,0.6s				
OZH	comp=E,60nm,0.8s				
JTJ	Tarama	2.80 98	P	Pn	04 46 44.1 +0.3
JTJ	baz=98	S		Sn	04 47 18.1 0.0

TAW	Tawu	2.80 195	eP	Pn	04 46 44.6 +0.6
SCZT	Fangliu	2.86 200	↑P	Pn	04 46 44.8 +0.1
SCZT	baz=199	eS		Sn	04 47 17.9 -1.8
WLCH	Liuqiu	2.96 204	eP	Pn	04 46 46.8 +0.8
TWP	Hsiao-liuchiu	2.97 204	eP	Pn	04 46 47.2 +1.1
KNM	Kimmen	3.01 258	↑P	Pn	04 46 47.7 +1.2
LAY	Lan-yu	3.03 182	eP	Pn	04 46 46.4 -0.6
LAY	baz=181	eS		Sn	04 46 46.5 -0.4
KNMB	Chin-men Tao	3.04 259	↑P	Pn	04 46 46.5 -0.4
KNMB	baz=261	eS		Sn	04 46 46.8 -0.8
KNMB	Chin-men Tao	3.04 259	eP	Pn	04 46 46.8 -0.8
JIRB	Irabujima	3.20 94	P	Pn	04 46 49.9 +0.9
JIRB	baz=94	S</			

Table with multiple columns containing station call signs, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. The columns include call sign, frequency, power, and other technical specifications. The data is presented in a dense, structured format typical of a technical document or log.

Table of astronomical observations for 11d 8h, listing stations like BRVK, PSI, BCAR, KK31, etc., with columns for station name, coordinates, and observation details.

Main table of astronomical observations for 2013 OCT, listing stations like CLL, GEC2, GEC3, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing stations like CCHI, CCHI, CCHI, etc., with columns for station name, coordinates, and observation details.

Table with columns: WHAR, Station Name, Az, Phase, Time, Res. Includes stations like Woolly Hollow, Waverly, Magazine, etc.

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

Table with columns: SLA, Station Name, Az, Phase, Time, Res. Includes stations like San Lorenzo, Humahuaca, Zapla, etc.

ISCJB 11 09:11:10.9,0.8, 18.01N,0.05:67.20W,0.04,h21km,3km, Error ellipse: s-maj=8.4km s-min=5.5km az=32.1

NEIC 11 09:11:11.8,1.3, 18.04N,0.06:67.13W,0.04,h19km,1km OSPL 11 09:11:11.3,0.3, 18.00N,0.07:67.07W,h20km,2km,ML2.2

RSPR 11 09:11:11.5, 18.01N,0.07:20W,h17km,2km,8/13 ISC 11 09:11:11.4,1.0, 18.03N,0.04:67.17W,0.04,h20km,4km

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like Cabo Rojo, Maguayes, Las Mesas, etc.

IDC 11 09:22:37.6,6.0,36.10N,70.81E,h183km,54km,mb3.4/4, mb1.3/4.9,mb1mx3.1/6.1,mbtmp3.9/9,Error ellipse: s-maj=46.1km s-min=37.7km az=51.0

ISCJB 11 09:22:41.0,0.7,36.73N,0.04:70.8E,0.1,1188km, mb3.6/3, Error ellipse: s-maj=15.9km s-min=5.1km az=179.2

NNC 11 09:22:44.7,6.0,37.10N,70.97E,h0km,mb4.0,mpv3.6, Error ellipse: s-maj=46.6km s-min=39.6km az=167.0

ISC 11 09:22:40.9,1.0,36.68N,0.06:70.8E,0.1,1188km,n16, r#186/21,mb3.5/3,4C,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like CEP, Chirah, SARG, Karatay, etc.

Table with columns: ASAR, Station Name, Az, Phase, Time, Res. Includes station ASAR.

ANF 11 09:37:21.5,0.3,37.48N,118.84W,h3km,2km,ML3.4/15, Error ellipse: s-maj=2.3km s-min=1.8km az=178.0

NCEDC 11 09:37:21.5,1.9,37.53N,0.02:118.85W,0.02,h9km,2km, WLS

NEIC 11 09:37:22.4,1.2,37.54N,0.01:118.86W,0.02,h5km,3km ISC 11 09:37:21.4,0.8,37.53N,0.01:118.85W,0.02,h10km,4km, n231,r105/266,California-Nevada border region

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MCV, MCM, MLC, etc.

Table with columns: Station Name, Time, Res, Pn, and various codes. Includes stations like GHC Gold Hill, PKD Bear Valley Ra, PSNM Stone Corral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like MTPU North Rim, U15A North Rim, U15A Dugway, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like MKAR Makanchi Array, IDC 11 10:33:40.4, 2.9, 38.76N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, YAKUTSK, etc.

DDA 11 11:24:01.8, 39:47N, 33:50E, h7km, 2km, ML2.8
ISK 11 11:24:01.5, 39:48N, 33:50E, h14km, ML2.1/6
ISCJB 11 11:24:02.4, 0.4, 39:47N, 0.02, 33:50E, 0.03, h7km, 6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, BBAL Bala, AFSR Araf-Bala, etc.

SKHL 11 11:27:42.8, 0.8, 43:82N, 149:40E, h37km, 9km, mb4.6/2
JMA 11 11:27:43.2, 0.4, 44:16N, 149:36E, h30km, M3.9
ISCJB 11 11:27:44.0, 0.4, 43:86N, 149:17E, 0.06, h33km, 7km

MOS 11 11:27:46.9, 1.0, 43:95N, 148:88E, h45km, mb4.5/11, Error ellipse: s-maj=11.8km s-min=8.4km az=37.8

NEIC 11 11:27:47.3, 0.8, 43:98N, 149:11E, 0.10, h35km, 1km, mb4.5/16

IDC 11 11:27:48.2, 0.9, 43:98N, 149:11E, h42km, 5km, mb3.9/13, mb1.4/0.13, mb1mx3.7/58, mbtmp4.1/13, MS3.5/3, MS1.3/3, ms1mx2.8/54, Error ellipse: s-maj=26.2km s-min=17.2km az=90.0

ISC 11 11:27:47.3, 0.7, 43:87N, 149:05E, 0.06, h42km, 4km, h41km, p-P, n118, e1f44/132, mb4.3/29, MS3.8/3, 1C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, LAGR Lagunnoye, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAK Akkeshi, JTRK Abashiri-Toko, JAR Ashorobuto, etc.

YSS comp=Z,400nm,15.0s h37km, 2km, ML2.8
JNB Noboribetsu 5.42 307 eP Pn 11 29 00.1 -1.4

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

H1N1 WAKE ISLAND HY 28.32 143 T T 12 04 46.6
H1N2 WAKE ISLAND HY 28.33 143 T T 12 04 52.6

H1S1 WAKE ISLAND HY 29.31 144 T T 12 06 07.8
H1S2 WAKE ISLAND HY 29.32 144 T T 12 06 03.9

TIKI Tiksi 29.54 347 iP Pn 11 33 47.9 +0.5

TIKI Tiksi 29.54 347 eP Pn 11 33 47.0 -0.4

SOMN Songino Array 29.71 293 P P 11 33 50.4 +1.0

SONM Songino Array 29.71 293 P P 11 33 49.7 +0.4

TLY Talaya 31.09 301 iP Pn 11 34 01.2 -0.1

TLY Talaya 31.09 301 eP Pn 11 34 01.0 -0.3

XAN Xi'an 32.46 266 pmax pmax 11 34 14.7 +1.1

XAN Xi'an 32.46 266 P P 11 34 14.7 +1.1

IMAR Indian Mountain 37.76 34 P P 11 34 58.6 -0.1

ILAR Eielson Array 40.56 36 P P 11 35 23.3 +1.1

ILAR Eielson Array 40.56 36 eP Pn 11 35 24.6 +2.4

BCAR Beaver Creek A 42.93 39 P P 11 35 41.7 +0.1

HYT Haines Junction 45.32 41 I Amb I Amb 11 36 16.1

MK31 Makanchi Array 45.77 298 P Pmax 11 36 05.1 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NC405 NORSAR Array S, NB2 NORSAR Subarray, NOA NORSAR Array B, etc.

ISCJB 11 11:38:03.7, 0.6, 29:16S, 0:06:137:25E, 0:08, h10km, Error ellipse: s-maj=11.9km s-min=5.9km az=145.9

IDC 11 11:38:04.8, 3.6, 28:90S, 137:64E, h0km, mb1.3/0.3, mb1mx3.0/35, mbtmp2.8/3, ML2.7/3, Error ellipse: s-maj=133.9km s-min=20.1km az=49.0

AUST 11 11:38:04.5, 0.0, 29:27S, 137:29E, h10km, Error ellipse: s-maj=0.2km s-min=0.1km az=326.0

ISC 11 11:38:03.0, 0.8, 29:17S, 0:05:137:23E, 0:05, h10km, n11, e29/218, South Australia

LCKR Leigh Creek 1.54 14Z Op Pn 11 38 32.3 +0.7

LCKR Leigh Creek 1.54 14Z S Sb 11 38 52.0 +0.9

OOD Oodnadatta 1.93 315 P P 11 38 39.9 -0.1

OOD Oodnadatta 1.93 315 S Sg 11 39 03.4 -0.7

MULG Mulgathing 2.98 247 P Pn 11 38 52.2 +1.8

INKA Innaminka 3.04 66 P Pn 11 38 58.0 +1.9

BBOO Buekoo 3.77 195 P Pn 11 39 02.2 +1.0

BBOO Buekoo 3.77 195 S Sn 11 39 43.3 -2.4

HTT Hallett 4.49 162 P Pn 11 39 12.3 +1.1

STKA Stephens Creek 4.63 127 P Pn 11 39 14.8 +1.7

STKA Stephens Creek 4.63 127 S Sn 11 40 03.4 -3.5

STKA Stephens Creek 4.63 127 Pn Pn 11 39 15.0 +1.9

STKA Stephens Creek 4.63 127 Pn Pn 11 40 03.5 -3.5

ASO1 Alice Springs 6.22 331 P Pn 11 39 38.0 +3.0

ASAR Alice Springs 6.24 331 P Pn 11 39 37.5 +2.3

ASAR Alice Springs 6.24 331 Pn Pn 11 40 45.3 -1.3

WRA Warramunga Arr 9.55 343 Pn 11 40 21.6 +0.9

WRA Warramunga Arr 9.55 343 Pn 11 42 05.0 -3.9

NNC 11 11:43:32.5, 8.8, 33:72N, 69:78E, h0km, mb4.1, 1C-3D, Error ellipse: s-maj=128.4km s-min=72.0km az=93.0, Southeastern Afghanistan

KK31 Karatay Array 9.39 3 Op Pn 11 45 48.9 -0.2

KK31 Karatay Array 9.39 3 Pn Pn 11 47 36.7 +1.3

AAK Ala-Archa 9.65 21 P Pn 11 45 54.8 +2.1

AAK Ala-Archa 9.65 21 Pn Pn 11 47 43.4 +1.1

TKMK Tokmak 2 10.26 25 I Pn Pn 11 45 58.0 -2.7

IDC 11 11:47:54.5, 7.5, 16:34S, 176:67W, h0km, mb3.6/3, mb1.4/0.3, mb1mx3.6/36, mbtmp3.6/5, Error ellipse: s-maj=328.0km s-min=36.0km az=142.0, Fijil Islands region

WRA Warramunga Arr 46.18 260 P P 11 56 20.9 -0.5

ASAR Alice Springs 46.27 255 P P 11 56 22.2 +0.2

ILAR Eielson Array 85.94 12 P P 11 02 36.0 0.0

IDC 11 11:49:17.1, 1.5, 5:23N, 127:26E, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.5/39, mbtmp3.7/6, MS2.9/1, Ms1.2/9.1, ms1mx2.3/39, Error ellipse: s-maj=101.1km s-min=19.2km az=69.0

ISC 11 11:49:18.7, 1.5, 5:20N, 127:1E, 0.3, h10km, n8, e1f08/8, mb3.7/6, ID, Philippine Islands region

KCP Kidapawan 2.71 311 I P Pn 11 58 14.5 -0.5

KCP Kidapawan 2.71 311 P Pn 11 58 14.5 -0.5

SJIJ Sorong 7.31 146 LR LR 11 58 31.2

FITZ Fitzroy Crossi 23.21 184 P P 11 54 27.2 +1.2

WRA Warramunga Arr 25.98 164 P P 11 54 51.6 -0.3

ASAR Alice Springs 29.45 167 P P 11 55 22.5 -0.7

STKA Stephens Creek 39.37 160 P P 11 56 47.5 -0.9

MKAR Makanchi Array 56.59 325 P P 11 59 01.8 +0.1

KURB Kurchatov Arr 60.73 327 P P 11 59 31.1 +0.6

IDC 11 12:03:06.0, 2.5, 6:05S, 129:73E, h155km, 28km, mb3.0/1, mb1.3/2.5, mb1mx3.0/40, mbtmp3.6/5, Error ellipse: s-maj=50.9km s-min=13.9km az=78.0, Banda Sea

SJIJ Sorong 5.37 17 P Pn 12 04 23.6 -0.9

SJIJ Sorong 5.37 17 S S 12 05 19.8 -6.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, and MKAR Makanchi Array.

LSZ 11 12:07:19.7:0.3, 14.73S:26.67E, h10km, MD2.6

ISC 11 12:07:20.8:4.4, 14.9S:0.2:26.6E:0.1, h10km, n3, c0872/6,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like ITZ Itzhi-Tezhi, MATP Matopo.

ISCJB 11 12:11:24.3:0.3, 5.69S:0.04:148.42E:0.07, h163km,

NEIC 11 12:11:24.7:1.5, 5.71S:0.07:148.5E:0.1, h151km, 6km,

ISC 11 12:11:24.6:1.5, 5.70S:148.46E, h156km, 14km, mb3.8/9,

ISC 11 12:11:25.7:0.5, 5.71S:0.06:148.4E:0.1, h163km, n52,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like MANU Manus Island, PMG Port Moresby, COEN Coen, CTAO Charters Tower, WRAB Tennant Creek.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like WB2 Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, EIDS Eidsvold, KNRA Kunurra.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, DZM Mont Dzumac, ARMA Armadale.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like FITZ Fitzroy Crossi, STKA Stephens Creek, STKA Stephens Creek, CAN Canberra, JUNU Nakatsue.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like TUWZ Tuamarina, MSWZ Moikau Station, KSR5 Korea Array, PEAOB Petropavlovsk, PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like SONM Songino Array, SONM Songino Array, SONM Scott Base, MKAR Makanchi Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, PTCA Pitcairn, CNPM China Post.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like IMAR Indian Mountai, GSPA South Pole Qui, IL31, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like TOLK Toolik Lake, BCAR Beaver Creek, EGAK Eagle, EGAK Eagle, HYT Haines Junctio, HYT Haines Junctio.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like TORO Torodi Arr, TORO Torodi Arr, TOA1 Torodi Arr, SOF 11 12:18:45.2, DDA 11 12:18:45.9.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like ISK 11 12:18:45.5, ATH 11 12:18:46.4, ISCJB 11 12:18:46.0, THE 11 12:18:46.5, ISC 11 12:18:46.1, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like ERIK Eriki-Kesan, ERIK Eriki-Kesan, LKPK Lapseki, KESN Edirne-Kesan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like ALN Alexandroupoli, SMTH Samothraki Isl, SMTH Samothraki Isl, EZIN Ezine.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like BOZC Bozcaada, BOZC Bozcaada, RYK Sarkoy-Tekirda, RYK Sarkoy-Tekirda.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like UKOP Uzunkopru-Edir, UKRB Karabiga-Canak, RDO Rodhopi, RDO Rodhopi.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like AYVA Ayvalik, EDN Edinick, THAS Thassos island, THAS Thassos island, BALLY Balya.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like KZD Kurdzhali, KZD Kurdzhali, EDNB Edirne, EDNB Edirne, BALB Balikesir.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like KAVA Kavala, KIRK Kirkkareli, BALIKESIR_Sava, BALIKESIR_Sava, ZEDA Zmir-Bergama.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like SLVT Siliври, RZN Rozhen, TRKS Kestanelik-?a, TRKS Kestanelik-?a, DURS Dursunbey.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like JMB Yambol, IDC 11 12:24:13.6, IDC 11 12:24:13.6, IDC 11 12:24:13.6, IDC 11 12:24:13.6.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like HOPE Hope Point, HOPE Hope Point, EFI East Falkland, SNAA Sanae.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like SNAQ Sanae, TRQAT Torqu Coast, GSPA South Pole Qui, GSPA South Pole Qui, CPUP Villa Florida.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like GO03 Copiap, GO02 Mina Guanaco, LVC Limon Verde, SBA Scott Base, H10S2 ASCENSION HYDR47.65.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like H10S3 ASCENSION HYDR47.65, H10S1 ASCENSION HYDR47.67, GO01 Chuzmiza, MNMC Minye Minye.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like H10N1 ASCENSION HYDR47.77, H10N3 ASCENSION HYDR47.77, H10N2 ASCENSION HYDR47.78, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like LPAZ La Paz, SAML Samuel, TORO Torodi Arr, TORO Torodi Arr, TOA1 Torodi Arr, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like CYA Choya, CYA Choya, AHML Horco Molle, AHML Horco Molle.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like VCA Vinchina, VCA Vinchina, SLA San Lorenzo, SLA San Lorenzo.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like TCA Tanti, TCA Tanti, AZAP Zapla, AZAP Zapla, ACVD Cuesta del Vie.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like HJA Humahuaca, HJA Humahuaca, AROD Copiap, AROD Copiap, GO03 Copiap.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, Res ISC. Includes stations like GO03 Copiap, GO03 Copiap, GO03 Copiap, GO03 Copiap, LCO Las Campanas.

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

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

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like V56A Mocksville, V54A Nebo, U57A Blanch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ANMO Albuquerque, ANMO Albuquerque, ANMO Lake Saint Pet, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, IMW Mina Array Bea, etc.

BGS 11 12:52:43 7.0, 9 48:23N-4:29W, h7km, 7km, ML 3.2, ML 3.2 LDG 11 12:52:43 6.0, 1, 48:29N-4:28W, h17km, M3.6/M, M3.9/45, Error ellipse: s-maj=2.1km s-min=0.2km az=77.0

STR 11 12:52:48 8.0, 7, 48:18N-3:1, h20km, 4km, mB6.3/1, mB3.6/2, MLV4.0/7, MW(mB)6.0/1

ISC 11 12:52:42 3.1, 2, 48:19N-0:03:41:19W, 0:05, h10km, n90, e243/151, France

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

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like CTGM Chitina Glacie, CISI Cisompet, BTBK Batken, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DAG Danmarks Havn, OUL Oulu, MOS Moscow, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AKH Akhalkalaki, AKH Akhalkalaki, KAAM Kaadheedhoo, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like KVN, KVR, SKAR, MDPB, NVAR, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like VRI, BR131, BR131, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like GZR, ELND, BRG, etc.

Table with columns: SRS, SRR, 83.73 317, P, P, 17 55 35.3 0.0, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: KEST, ESCD, ESDD, ESDD, ESDD, ESDD, etc. Lists astronomical observations with station names and coordinates, including a large section for 'IDC 11 18:01:56.4-9.8, 1.09N, 124.51E, h0km, mb3.3/3'.

Table with columns: PV23, M22U, P22U, P22U, P22U, P22U, etc. Lists astronomical observations with station names and coordinates, including a large section for 'ISCJ 11 18:01:35.9-0.8, 43.67N, 0.06E, 105.52W, 0.05, h10km, n87'.

11d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, ATKA Alaska Island, WRAB Tennant Creek, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ZARC ZARC, NORC Norcasia, SMLC San Martin de, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RSSD Black Hills, PHWY Pilot Hill, RWYR Rawlins, etc.

ISCJB 11 18:49:23.6:0.6, 8.84N:0.02:73.16W:0.03, h146km, 5km, mb3.11, Error ellipse: s-maj=5.0km s-min=3.8km az=9.9

IDC 11 18:42:23.1:0.9, 6.66N:72.89W, h163km, 11km, mb2.71, m1=3.2, mb1mx2=9.39, mbtpm3=5.3, Error ellipse: s-maj=44.0km s-min=9.3km az=132.0

RSNC 11 18:49:25.5:1.1, 6.82N:73.19W, h139km, 5km, ML3.2, Mw3.5

ISC 11 18:49:22.9:0.9, 6.82N:0.03:73.12W:0.04, h154km, 6km, n29, c130/57, 7C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BARC Barichara, BRRC Barranca, PAMC Pampiona, etc.

UCR 11 19:02:55.7:1.4, 10.19N:84.15W, h91km, 4km, MD3.9, 9C-4D, Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HDC Heredia, ESCUELA Geolog, SJS San Ramon, etc.

MAN 11 19:04:49.3, 13.65N:120.48E, h35km, mb3.5, ML2.1, MS1.5, 1C, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PGP Puerto Galera, SJMP San Jose, etc.

IDC 11 19:05:21.7:3.1, 43.125N:105.12W, h0km, mb4.23, mb1.4, 2/5, mb1mx3=7.44, mbtpm4=1/5, ML3.82, MS4.8/1, M51.4, 8/1, ms1mx2=5/4, Error ellipse: s-maj=83.0km s-min=8.8km az=158.0

ISCJB 11 19:05:23.9:0.3, 43.81N:105.17W:0.04, h5km, mb4.2/3, MS4.8/1, Error ellipse: s-maj=3.8km s-min=3.5km az=171.6

NEIC 11 19:05:25.7:1.7, 43.83N:105.10W:0.06, h0km, 2km, ML3.4/74

ISC 11 19:05:25.1:0.6, 43.83N:105.12W:0.05, h0km, n93,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QLMT Earthquake Lak, DSCM Daguaga, KSCC Horse Shedlock, etc.

MK32 Makanchi Array 89.72 355 P P 19 18 22.9 -1.3
MKAR Makanchi Array 89.72 355 P P 19 18 22.9 -1.3

ISCJB 11 19:23:49.7±0.9, 6:78S:0:07:130:08E:0:08, h146km,
m3.3/4.2, Error ellipse: s-maj=11.9km s-min=9.6km az=2.5

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like SIJI Sorong, BATI Baumata, FITZ Fitzroy Crossi, etc.

ISCJB 11 19:30:32.8±0.3, 24:50N:0:04:122:31E:0:02, h26km, 5km,
Error ellipse: s-maj=6.5km s-min=3.6km az=6.7

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like EOSI Eosi, TWC Suao, NANB Nanao, etc.

KRSC 11 19:34:30.7±1.4, 52:50N:160:80E, h60km, 19km, ML5.1
BUI 11 19:34:32.0±0.5, 53:02N:160:41E, h32km, mb3.4/9.54,

ISCJB 11 19:34:33.9±0.4, 52:58N:0:02:160:62E:0:03, h40km, 2km,
m5.0/189, MS4, 4/49, Error ellipse: s-maj=4.3km

NEIC 11 19:34:33.5±2.0, 52:59N:0:08:160:57E:0:05, h25km, 4km,
mb4.9/174

MOS 11 19:34:35.1±1.3, 52:67N:160:42E, h47km, mb5.2/271,
MS4, 4/14, Error ellipse: s-maj=5.7km s-min=2.9km

GCMT 11 19:34:38.5±0.5, 52:56N:0:03:160:78E:0:05, h30km, 1km,
MW4, 9/62, Moment Tensor Solution, s31, c39; s62, c86;

inst2a refers to surface waves, cutoff=50s. Triangular
moment-rate function
IDC 11 19:34:38.6±1.6, 52:70N:160:48E, h64km, 13km, mb4.3/35,

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like SPN Mays Shipunski, NLC Nalytchevo, DALK Dalny, etc.

ISC 11 19:34:34.9±0.6, 52:66N:0:04:160:55E:0:03, h35km, 2km,
h34km; p-P, n746, 1547794, mb4.9/237, MS4, 5/50,

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like PET Petropavlovsk, SMAR Somma, AVH Avacha, etc.

ISC 11 19:30:32.6±1.0, 24:49N:0:04:122:30E:0:02, h19km, 3km,
n28, c057/51, Taiwan region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like EOSI Eosi, TWC Suao, NANB Nanao, etc.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like KOZ Kozlyevsk, ESO Esso, KLY Klyuchi, etc.

MA2 Magadan 8.82 326 i P Pn 19 36 40.0 +0.3
MA2 Magadan 10.28 15 P Pn 19 37 42.3 +2.6

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like MA2 Magadan, KMSK Kamenskaya, SEY Seychan, etc.

YSS comp=N, 1µm, 13.0s MLR MLR 19 37 42.8 -4.4
YUK Yuzh-Kuril'sk 13.02 234 e Pn S 19 40 06.5 +6.0

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like ATKA Atka Island, BILL Bilibino, BILL Bilibino, etc.

ERM Ermo 15.85 235 P Pn 19 38 10.9 -4.2
ERM Ermo 15.85 235 Pn Iamb 19 38 21.6

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

USA0B Ussuriysk Arra 20.65 257 P Pmax 19 39 10.3 -1.0
USA0B Ussuriysk Arra 20.65 257 P Iamb 19 39 11.2

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like MDJ Mudanjiang, MDJ Mudanjiang, MAJO Matsushiro, etc.

INU Inuyama 24.04 233 P Iamb 19 39 47.3 +0.8
CN2 Changchun 24.79 263 e Pmax 19 39 52.1 -1.3

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like CN2 Changchun, CN2 Changchun, CN2 Changchun, etc.

BOD Bodaibo 26.60 300 e Pmax 19 40 08.4 -1.2
KDAK Kodiak Island 26.77 60 P P 19 40 10.8 -0.3

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, ISC, h, m, s, Res. Includes stations like SKT Skwentna, BPAW Bear Paw Mtn, KTH Khatishna Hill, etc.

11d 19h

Table with columns: MODS, Modra-Piesok, 74.60 336, eP, P, 19.46 10.9 +0.8, etc. Lists various stations and their coordinates.

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Table with columns: WATA, Walderalm, 76.92 339, eP, P, 19.46 23.6 +0.2, etc. Lists various stations and their coordinates.

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Table with columns: VIVF, Saint-Julien-I, 80.67 343, eP, P, 19.46 45.8 +1.8, etc. Lists various stations and their coordinates.

IDC 11 19:40:59.8:72.0, 20:58S:178.64W, h0km, mb3.8/3, Error 1.0/0.3, mb1mx3.6/27, mbmt3.8/3, mbr ellipse: s-maj=1313.0km s-min=172.9km az=83.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station codes and names.

SOF 11 19:44:22.6, 40:85N-22:29E, h14km ATH 11 19:44:23.4, 40:88N-22:35E, h16km, 1km, ML2.2/11, Error ellipse: s-maj=1.8km s-min=0.7km az=332.0, ISCJB 11 19:44:23.0, 3:0, 40:87N-0:02-22:34E:0.02, h1km, 4km, Error ellipse: s-maj=3.0km s-min=2.3km az=150.7, THE 11 19:44:23.9, 40:85N-22:35E, h1km, 1km, ML2.0/11, Error ellipse: s-maj=1.6km s-min=0.4km az=301.0, ISK 11 19:44:23.4, 40:86N-22:35E, h7km, ML2.5/4, SKO 11 19:44:23.1, 40:88N-22:35E, h15km, M1.7, ML2.5, ISC 11 19:44:23.5-0.8, 40:87N-0:02-22:35E:0.02, h10km, 5km, n68, o556/16, 1C-4D, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists station codes and names.

Table with columns: Code, Station Name, Az, El, Op, Pn, S, Res. Includes stations like FNA, SOH, SOKHOS, LIT, STIP, SRS, NEST, KKB, KPRO, OHR, NVR, MMB, SKO, THL, OUR, PAIG, XOR, KAVA, GJIK, THAS, AGG, MAKR, VTS, RZN, ZATK, PLD, ALN, ERIK.

ISC/JB 11 19:50:10.0-0.4, 6.84N-0.02-73.12W:0.03, h156km, 4km, mb3.5/3, Error ellipse: s-maj=4.8km s-min=3.5km az=25.5

ISC 11 19:50:10.3-0.2, 6.74N-72.99W, h162km, 9km, mb3.3/3, mb1 3.8/6, mb1mx3.3/3, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, ms1mx2.5/28, Error ellipse: s-maj=28.3km s-min=7.6km az=132.0

RSNC 11 19:50:12.0-1.1, 6.80N-73.16W, h147km, 5km, ML3.7, Mw3.6

Table with columns: Code, Station Name, Az, El, Op, Pn, S, Res. Includes stations like BARC, PAMC, BRRC, RUSC, TAMC, WRA.

Table with columns: Code, Station Name, Az, El, Op, Pn, S, Res. Includes stations like PTBC, OCAC, CCAC, SPBC, YOPC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, GUYC, VILC, PTGC, RREF, CBCC, CBOC, CODC, SDV, ARGC, ANIL, PRAC, PLMC, YOTC, URIC, PCRV, JTS, TXAR, PDAR, YKA, MKAR, ASAR, WRA.

Table with columns: Code, Station Name, Az, El, Op, Pn, S, Res. Includes stations like HNR, ONTC, HNR, HNR, HNR, DZM, DZM, DZM, DZM, EIDS, CTA, CTAO, COEN, ARMA, ARMA, STKA, STKA, H11S2, H11S3, H11S1, WRAB, WRAB, WRB2, WR1, WR1, WR1, WRA, WRA, WRA, AS31, ASAR, ASAR, ASAR, ASAR, SIJI, KNRA, KNRA, FITZ, FITZ, FITZ, DAV, PPT, PPT2, TBI, MJAR, MAJO, MAJO, MJB9, MJB9, NJ2, NJ2, USRK, USRK, PETK, PETK, CN2, ENH, ENH, SLVN, SLVN, PBKT, PBKT, XAN, XAN, XAN, XAN, KMI, KMI, CM31, CMAR, CMAR, CMAR, CD2, CD2, ULN, ULN, YAK, YAK.

BUI 11 20:02:32.7-0.0, 11.94S-165.10E, h11km, mb4.7/26, mB5.2/20, Ms4.9/3, Ms7 4.8/3

ISC/JB 11 20:02:33.0-0.2, 11.53S-0.04-165.10E:0.04, h10km, mb4.4/23, MS3.8/14, Error ellipse: s-maj=6.3km s-min=4.9km az=44.6

IDC 11 20:02:33.5-0.7, 11.47S-165.15E, h0km, mb4.4/18, mb1 4.6/20, mb1mx4.5/34, mbtmp4.4/20, ML4.6/2, MS3.7/12, Ms1 3.7/12, ms1mx3.4/40, Error ellipse: s-maj=23.3km s-min=15.3km az=133.0

NEIC 11 20:02:35.0-1.1, 11.45S-0.08-165.1E:0.1, h10km, 4km, c1519/143, mb4.8/63, MS3.9/14, 1.1, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like QSPA South Pole Qui, SONM Songoing Array, and others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like PDAR Pinedale Array, YKA Yellowknife Arr, and others.

IDC 11 20:19:30.1±1.3, 0.14N, 122.92E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/34, mbmt3.7/5, ML4.1/1, Error ellipse: s-maj=114.3km s-min=20.7km az=68.0, Minnassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, and others.

IDC 11 20:24:20.8±0.7, 55.75N, 158.84W, h0km, mb4.1/22, mb1 4.3/24, mb1mx4.1/51, mbmt4.1/24, ML4.5/2, MS2.9/7, Ms1 2.9/7, ms1mx2.7/43, Error ellipse: s-maj=20.8km s-min=12.4km az=12.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, and others.

IDC 11 20:24:28.3±0.6, 55.55N, 158.66W, h0km, mb4.4/11, MS3.1/6, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like CHGN Chignik, SDPT Sand Point, CHIR Chirikof Island, and others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res, I, h, m, s, ISC. Includes stations like WRAK Wrangell Island, EPYK Eagle Plains, EPYK Eagle Plains, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLR, GEYT, CM31, CM31, CMAR, etc.

ISCJB 11 20:28:18.5:0.3, 27.78N:0.03:105.161W:0.03, h10km, mb4.0/5, MS3.6/2, Error ellipse: s-maj=4.4km s-min=-3.6km az=43.4

NEIC 11 20:28:19.6:2.7, 27.73N:0.07:105.73W:0.06, h10km, 1km, mb4.1/28, Mw4.2, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, Mr=1.45, Mw=0.22, Mm=1.24, Mn=0.03, Mo=0.16, 12: Fault Plane Solution: M2: 5.3000x10^15, NP1: 176.84000, 873.67000, 1-85.00000, NP2: 339.56000, 817.06000, 1-106.57000, Principal axes: T: 2.4298, Plg29.0000, Azm263.0000; N: 0.1946, Plg5.0000, Azm355.0000; P: -2.6244, Plg61.0000, Azm94.0000;

IDC 11 20:28:20.2:1.1, 27.68N:105.57W, h0km, mb4.1/5, mb1.4/0.11, mb1mx3.8/4.1, mbmp3.8/11, ML3.5/4, MS3.3/6, Ms1.3/3.6, ms1mx2.9/4.2 Error ellipse: s-maj=17.9km s-min=10.2km az=150.0

MEX 11 20:28:22.4:0.3, 27.69N:105.77W, h5km, MD3.8, ISC 11 20:28:20.7:0.5, 27.68N:105.57W:0.07, h10km, n121, n11/116, mb4.4/10, Northern Mexico

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HP1G, TX31, TX32, TXAR, etc.

Table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBMO, WAKR, WAKR, WAKR, etc.

NIED 11 20:38:00.37:1.0N:141.60E, h35km, Mw3.5 Best double couple: M2: 36000x10^14, NP1: 228.00000, 820.00000, 1.61.00000, NP2: 87.00000, 873.00000, 1.10.00000, JMA 11 20:38:29.3:0.1, 37.09N:141.63E, h51km, 2km, M3.6, IDC 11 20:38:32.8:4.4, 37.05N:141.50E, h75km, 40km, mb3.1/4, mb1.3/3.5, mb1mx3.1/3.4, mbmp3.3/5, ML2.2/1, Error ellipse: s-maj=34.4km s-min=30.6km az=104.0

ISC 11 20:38:28.2:2.7, 37.08N:141.73E:0.09, h31km, 17km, n23, n18/30, mb3.4/4, Near east coast of eastern

Table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK, JNK, JNK, etc.

IDC 11 21:01:08.2:0.9, 52.68N:160.71E, h0km, mb3.7/12, mb1.3/9.12, mb1mx3.7/3.9, mbmp3.8/12, Error ellipse: s-maj=21.4km s-min=18.7km az=124.0, KRSC 11 21:01:09.7:1.6, 52.53N:160.81E, h49km, 18km, ML4.2, ISCJB 11 21:01:10.8:1.0, 52.54N:0.03:160.77E:0.06, h26km, 7km, mb3.8/11, Error ellipse: s-maj=6.7km s-min=4.3km az=39.5

MOS 11 21:01:12.3:0.8, 52.57N:160.69E, h41km, mb4.0/5, Error ellipse: s-maj=10.0km s-min=6.3km az=121.7, ISC 11 21:01:11.0:1.2, 52.70N:0.04:160.73E:0.04, h20km, 5km, n82, n156/104, mb3.7/11, 1D, Off east coast of Kamchatka Peninsula

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN, SPN, SPN, etc.

BRTR Keskin Array B 77.17 321 P P 21 13 04.3 +1.1
ASAR Alice Springs 79.56 205 P P 21 13 16.6 +0.4
ASAR Alice Springs 79.56 205 eP P 21 13 17.1 +0.8

SJA 11 21:08:11.9.0.7,28:54Sx71.94W,h34km,39km,ML3.2, MW3.4
GUC 11 21:08:16.7.0.4,28:58Sx71.23W,h60km,14km,ML2.7
ISC 11 21:08:12.6.2.5,28:52Sx0.06:71.5W-0.1,h5km,14km,n11, e204/18,Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like La Serena, Copiap, Tololo Observa, Combarbal, etc.

MOS 11 21:24:57.8.1.3,30:71Sx178:62W,h137km,mb5.6/19, Error ellipse: s-maj=8.3km s-min=7.1km az=85.8

ISCJB 11 21:24:57.7.0.3,30:76Sx0.02:178:59W:0.03, h140km,2km,mb5.4/100, Error ellipse: s-maj=4.1km s-min=2.3km az=31.1

BJJ 11 21:24:58.0.0.0,30:77Sx178:51W,h152km,mb5.4/63, m86.0/70

IDC 11 21:24:59.7.0.6,30:53Sx178:70W,h150km,5km,mb4.9/23, mb1.5/0.25,mb1mx5.0/30,mbtmps.3/25,MS5.1/21, Ms1.5/1.21,ms1mx5.0/36, Error ellipse: s-maj=10.8km s-min=9.6km az=161.0

NEIC 11 21:25:00.0.2.4,30:66S:0:07:178:48W:0:08, h151km,1km,mb5.6/283,Mwb6.2,Mwv6.2,Mwv6.2, Mw6.2(GCMT),Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:2.24; Mw:0.58; Ms:1.66; Mn:0.35; Ms:0.34; Ms:1.46; Fault plane solution: M2.54000x10^18 NP1:163.15000; 326.54000; 1.87.95000; NP2:345.44000; 863.47000; 9.102000; Principal axes: T:2.7385,Plg72.0000; Azm258.0000; N: -0.4831,Plg1.0000; Azm165.0000; P:-2.2553,Plg18.0000; Azm75.0000;

GCMT 11 21:25:05.0.0.0,30:57Sx178:43W,h156km,MW6.2/163, Moment Tensor Solution. s157.c398; s163.c62; Duration: 3s1 Moment tensor: Scale 10^19Nm; Mn:2.05e-01; Mw:0.08e-01; Ms:1.13e-01; Mn-0.34e-01; Mw-0.02e-01; Ms:1.41e-01; Best double couple: M2.54500x10^18 NP1:163.352.00000; 862.00000; 1.82.00000; NP2:345.440.0000; 863.470.0000; 9.104.00000; Principal axes: T:2.5250,Plg72.0000; Azm245.0000; N: 0.0370,Plg7.0000; Azm356.0000; P:-2.5650,Plg17.0000; Azm88.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 11 21:24:59.4.0.3,30:73Sx0:03:178:43W:0:03, h153km,1km,h153km;pp-P,1476,,2s01/1553,mb5.6/198, 81C-32D, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Galatos Road, Plateau Road, Kokohe, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Paea, Moorlands, Taravato, etc.

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214A	Organ Pipe Nat	88.03	51	P	P	21 37 35.0 +2.7
214A	Organ Pipe Nat	88.03	51	P	I Amb	21 37 33.5 +1.1
214A	comp-Z,131nm,1.7s					21 37 40.6
LHMI	Lhok Sumawe	88.03	277	P	P	21 37 31.1 -1.6
RUBR	Rubicon Trail	88.08	42	P	I Amb	21 37 34.9 +2.2
WAKR	Walker	88.12	42	I Amb	I Amb	21 37 40.3
M02C	Callahan	88.20	38	P	P	21 37 35.6 +2.6
TYV	Tymovskoe	88.21	337	eP	pmax	21 37 37.0 +4.3
TYV	comp-Z,56nm,1.1s					
TUQ	Turquoise Moon	88.21	46	P	P	21 37 35.8 +2.6
PKDT	Phuket	88.22	280	P	P	21 37 34.5 +0.9
WHN	Wuhan	88.25	307	PP	PP	21 37 33.7 +0.3
WHN	comp-Z,110nm,1.2s					21 41 03.4 +0.2
WHN	comp-Z,3um,8.1s					21 47 59.0 -6.2
WHN	comp-Z,2um,16.2s					
WHN	comp-Z,4um,18.2s					
WHN	comp-Z,3um,19.8s					
SHOC	Shoshone, Teco	88.29	46	P	P	21 37 35.4 +1.9
GRAC	Furnace Creek	88.30	45	P	P	21 37 36.0 +2.5
FURC	Grapevine Rang	88.34	45	P	P	21 37 35.7 +2.0
L02E	Cave Junction	88.35	37	P	P	21 37 35.6 +2.0
SURT	Suratani	88.38	281	P	P	21 37 34.9 +0.5
CHIR	Chirikof Islan	88.38	13	I Amb	I Amb	21 37 37.3 +1.3
CHIR	comp-Z,130nm,1.1s					21 37 39.3
PNTR	Pine Nut	88.42	42	I Amb	I Amb	21 37 41.4
KEBM	Edson Butte	88.48	37	P	I Amb	21 37 34.6 +0.4
KEBM	comp-Z,6nm,1.1s					21 37 42.0
BEKR	Beckwith	88.52	41	P	P	21 37 35.0 +0.4
YBH	Yreka Blue Hor	88.52	38	P	P	21 37 35.9 +1.4
YBH	comp-Z,13nm,1.0s,baz=310,slow=9.6,SNR=7.3					22 09 41.7
YERR	Yerington	88.56	42	I Amb	I Amb	21 37 35.7 +0.8
YERR	comp-Z,569nm,20.4s,baz=203,slow=30					21 37 41.9
NEE2	Needles Airpor	88.61	48	P	P	21 37 37.0 +2.1
PDMCI	Parker Dam,Lak	88.62	48	P	P	21 37 37.0 +1.9
MDJ	Mudanjiang	88.69	326	P	P	21 37 39.2 +4.1
MDJ	comp-Z,46nm,0.9s					21 38 15.6 +2.4
MDJ	comp-Z,2um,6.1s					21 38 30.6 +1.6
MDJ	comp-Z,3um,25.7s					
MDJ	comp-Z,4um,22.2s					
MDJ	comp-Z,1um,20.0s					
MDJ	Mudanjiang	88.69	326	P	I Amb	21 37 35.0 -0.1
MDJ	comp-Z,66nm,1.2s					21 37 41.4
K02D	Williamette Mer	88.70	37	P	P	21 37 37.7 +2.4
PATY	Pattaya	88.71	286	P	P	21 37 36.8 +0.9
NV01	Mina Array Sit	88.73	43	pP	pP	21 38 13.9 +0.5
NVAR	Mina Array Bea	88.73	43	pP	pP	21 37 37.3 +1.5
NVAR	comp-Z,220nm,1.1s,baz=220,slow=7.7,SNR=46					21 38 13.9 +0.5
NVAR	comp-Z,7.2nm,0.7s,baz=221,slow=5.4,SNR=7.7					21 55 10.9 -0.8
NVAR	comp-Z,0.5nm,0.3s,baz=60,slow=5.5,SNR=12					22 03 20.1
NVAR	comp-Z,3.3nm,1.0s,baz=66,slow=3.1,SNR=6.1					22 12 22.3
NVAR	comp-Z,722nm,18.6s,baz=217,slow=32					22 12 22.3
J01E	Myrtle Point	88.89	37	P	P	21 37 38.2 +2.2
DL2	Dalian	88.94	318	P	P	21 37 36.1 -0.3
DL2	comp-Z,1um,7.1s					21 38 13.5 -1.0
DL2	comp-Z,1um,19.4s					21 41 04.8 -3.8
DL2	comp-Z,2um,21.8s					21 47 05.3 -6.2
DL2	comp-Z,1um,21.6s					21 48 09.1 -2.2
PAHR	Pah Rah Range	88.96	41	I Amb	I Amb	21 37 43.6
TPNV	Topopah Spring	88.99	45	P	P	21 37 39.1 +2.2
TPNV	Topopah Spring	88.99	45	I Amb	I Amb	21 37 44.5
HUMO	Hull Mountain	89.00	37	P	I Amb	21 37 39.2 +2.5
HUMO	comp-Z,132nm,1.5s					21 37 44.5
M04C	Macdoel	89.02	39	P	P	21 37 38.0 +1.1
Y14A	Wickenburg	89.13	49	I Amb	I Amb	21 37 45.4
HOPE	Hope Point	89.18	159	P	P	21 37 39.8 +2.4
KVN	Kaisererville	89.26	43	I Amb	I Amb	21 37 45.1
W13A	Hualapai Mount	89.28	48	P	I Amb	21 37 40.9 +2.5
W13A	comp-Z,53nm,1.2s					21 37 46.4
CHAI	Chaiyaphum	89.35	289	P	P	21 37 39.0 +0.1
SII	Sitkinak Islan	89.35	13	P	P	21 37 39.9 +1.9
SHRP	Sheep Range	89.37	46	P	P	21 37 41.3 +2.6
TRQA	Tornquist	89.46	135	P	pmax	21 37 42.0 +2.8
TRQA	comp-Z,61nm,1.5s					21 37 42.0 +2.8
TRQA	comp-Z,61nm,1.4s					21 37 47.1
NONG	Nongkai	89.56	291	P	P	21 37 40.3 +0.5
I03D	Drain, OR	89.57	36	P	P	21 37 41.3 +2.1
TUC	Tucson	89.60	52	P	P	21 37 41.3 +1.4
TUC	comp-Z,77nm,1.2s					21 37 42.7 +2.9
TUC	comp-Z,77nm,1.1s					21 37 42.7 +2.9
I02D	Swisshome	89.61	36	P	P	21 37 42.4 +3.0
K04D	Chiloquin, OR	89.65	38	P	P	21 37 41.4 +1.6
PHET	Kaeng Krachan	89.72	285	P	P	21 37 41.8 +1.1
SNY	Shenyang	89.81	321	PP	PP	21 37 40.3 -0.1
SNY	comp-Z,96nm,1.3s					21 38 18.6 -0.5
SNY	comp-Z,20nm,0.8s					21 48 11.7 -7.6
SNY	comp-Z,1um,11.7s					
SNY	comp-Z,1um,23.5s					
SNY	comp-Z,700nm,20.6s					
SNY	comp-Z,1um,23.5s					

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J04D	comp-Z,1um,22.8s					
J04D	Umpqua Natona	89.89	37	P	P	21 37 42.3 +1.2
TIA	Tai'an	89.93	313	P	pmax	21 37 41.8 +0.7
TIA	comp-Z,41nm,1.2s					
TIA	comp-Z,1um,7.3s					
TIA	comp-Z,920nm,28.6s					
TIA	comp-Z,1um,17.3s					
TIA	comp-Z,550nm,25.9s					
MOD	Modoc Plateau	89.93	39	I Amb	I Amb	21 37 48.2
319A	Douglas	90.07	53	I Amb	I Amb	21 37 50.2
I04A	Tendick Farm,	90.12	37	P	P	21 37 43.8 +1.9
OHAK	Old Harbor	90.15	13	I Amb	I Amb	21 37 47.6
CN2	CN2	90.18	323	eP	P	21 37 41.1 -1.0
CN2	CN2			eP	P	21 38 20.5 +0.3
CN2	CN2			eP	P	21 41 15.3 -3.1
CN2	CN2			eS	P	21 48 21.0 -1.6
CN2	comp-Z,40nm,0.9s					
R11A	Troy Canyon, C	90.29	44	P	P	21 37 44.6 +1.6
J05D	Fort Rock, OR	90.38	38	P	P	21 37 45.4 +2.1
GRNR	Gornyy	90.41	333	eP	P	21 37 43.2 +0.2
GRNR	comp-Z,25nm,1.0s					
X16A	Lo Mia Camp, P	90.44	50	I Amb	I Amb	21 37 52.0
TLIG	Tiapa	90.45	70	P	P	21 37 45.7 +1.6
H04D	Lebanon	90.46	36	P	P	21 37 45.8 +2.4
PBKT	Sadao Pong	90.53	289	P	P	21 37 45.2 +0.9
BMN	Battle Mountai	90.68	42	P	P	21 37 46.0 +1.3
BMN	comp-Z,60nm,1.3s					21 37 46.0 +1.3
BMN	Battle Mountai	90.68	42	P	I Amb	21 37 51.7
G03D	McMinnville, O	90.68	35	P	P	21 37 45.9 +1.5
LVND	Son La	90.79	294	I Amb	I Amb	21 37 51.2
KNK	Nikolayevsk	90.79	337	eP	P	21 37 47.3 +2.7
KNK	comp-Z,52nm,1.2s					21 48 00.2 -1.3
KNK	comp-Z,100nm,1.3s					
KNK	comp-Z,7.0nm,0.9s					
KDK	Kodiak Island	90.81	14	P	pmax	21 37 45.9 +1.3
KDK	Kodiak Island	90.81	14	I Amb	I Amb	21 37 50.7
H04A	Detroit Lake	90.86	36	I Amb	I Amb	21 37 52.0
LCMT	Little Creek M	90.89	47	P	P	21 37 47.6 +1.9
SRDT	SRTD	90.89	286	P	P	21 37 47.3 +1.2
I05D	Terrebonne, OR	91.05	37	P	P	21 37 48.4 +2.1
U15A	North Rim	91.12	48	I Amb	I Amb	21 37 55.0
KLR	Kuldur	91.13	330	iP	pmax	21 37 48.9 +2.5
WUAZ	Wupatki	91.16	49	P	P	21 37 48.6 +1.6
WUAZ	Wupatki	91.16	49	P	P	21 37 49.2 +2.1
UTHA	Uthaitani	91.25	287	P	P	21 37 48.9 +1.2
SZCU	Shurtz Canyon	91.35	46	P	P	21 37 50.5 +2.5
GVA	Guizhang	91.40	300	iP	pP	21 37 48.8 +0.5
GVA	comp-Z,63nm,1.1s					21 38 24.7 -1.7
GVA	GVA			pp	pp	21 39 39.9 -2.4
GVA	GVA			pp	pp	21 41 30.6 +2.2
GVA	GVA			sS	sS	21 48 32.7 -2.0
GVA	GVA			sS	sS	21 49 36.8 -3.9
GVA	comp-Z,30nm,1.0s					
GVA	comp-Z,900nm,9.3s					
GVA	comp-Z,560nm,17.8s					
GVA	comp-Z,810nm,18.9s					
GVA	comp-Z,880nm,21.0s					
F04D	Rain, OR	91.42	35	P	P	21 37 48.3 +0.5
PSUT	Pine Spring	91.46	45	P	P	21 37 49.7 +1.2
E03A	Lebam	91.48	34	P	I Amb	21 37 49.1 +1.1
E03A	comp-Z,100nm,1.3s					21 37 55.4
KHLT	Khaolam Dam	91.56	286	P	P	21 37 50.8 +1.6
F04A	Amboya	91.61	35	P	P	21 37 52.1 +3.4
F04A	comp-Z,80nm,1.2s					21 37 55.5
G05D	Wamic, OR	91.69	36	P	P	21 37 49.6 +0.5
PKCU	Pink Cliffs	91.74	47	P	P	21 37 52.4 +2.5
121A	Cookes Peak, D	91.78	53	P	P	21 37 50.5 +0.4
NLWA	Neilton Lookou	91.94	34	P	I Amb	21 37 51.6 +1.6
NLWA	comp-Z,48nm,1.3s					21 37 52.3 +2.1
E04D	Cinebar	91.98	35	P	P	21 37 52.4 +2.1
W18A	Petrified Fore	91.98	50	P	P	21 37 51.5 +0.6
W18A	Petrified Fore	91.98	50	P	P	21 37 52.0 +1.0
ELK	Elko	92.03	43	P	P	21 37 51.7 +0.6
ELK	comp-Z,4.6nm,1.0s,baz=240,slow=5.0,SNR=15					21 38 29.4 +0.5
ELK	comp-Z,3.2nm,0.8s,baz=242,slow=6.1,SNR=2.3					22 14 44.6
ELK	comp-Z,705nm,18.2s,baz=242,slow=32					
ELK	Elko	92.03	43	P	pmax	21 37 51.7 +0.6
ELK	comp-Z,26nm,1.2s					
F05D	White Salmon	92.06	36	P	P	21 37 51.7 +0.6
F05D	comp-Z,26nm,1.2s					21 37 54.2 +3.4
UMPA	Umpang Tak	92.07	288			

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Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Radium Mtn., Pearl Lake, Rabbit Creek A, Saucer Basin, Paradox Valley, Susitna One, Glacier Island, Cordova Ski Ar, Rugged Mountai, Knik Glacier, Palmer, Glory Hole Cre, 4UR Ranch, Cirque, Tana Glacier, El Apazote, Newport, Newpport, Newport, Newpport, Newpport, Newpport, Mckenzie Canyo, Baldy, Muleshoe, Snowmass, Hu-ho-hao-te, Seymchan, Red Top Meadow, Barnard Glacie, Great Sand Dun, Junction City, Thorofare Moun, Missoula, Boulder Array, Pinedale Array, Red Lodge, Denall Highway, Reindeer, Flagg Ranch, Hebgren Lake, Bear Paw Mtn., Holmes Hill, Amarillo, Idaho Springs, Abilene, Hawle, Independent Ri, Dot Lake, Beaver Creek A, Clear Creek Bu, Las Juntas de, Red Lodge, Colle, Indian Mountai, Eielson Array, Makanchi Array, Sundridge, G1974 Best Tow, G1948 Merrick, Accomac, Greenwood, Bobcaygeon, Sunshine Farm, Halburton, Lot 18 Range I, Makanchi Array, Mattawa, Andrews Acres, Frankford, Lake Saint Pet, Bancroft, Zalesovo Beam, Algonquin Park, ZEK Kipawa Sen, Wolcott, Scipio Center, Prince Edward, Tweed.

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Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like BINGHAMTON, Dumoine, Plevna, Harry Jones Me, Lac Vacive, Po, Waymart, Williamsstown, Lac Duplat, Po, Calabogie, Elgin, Carthage, Port Jervis, Lac Fusel, A, Matagami, Cooperstown, Richville, Montceff-Lytto, Old Forge, Lebel-sur-Quev, Pallsades, Orleans, Innes, Noril'sk, Lobatse, Kashi, Sainte-Anne-du, Lake Ozonia, Alfred, Hillsdale 1, H, St. Veronique, Nilore, Gabriel, Olmsteadville, Hamden, Ulahol, ZEC Manzana, Ormstown, Shoreham, Northampton, Kurchatov, Kurchatov, Tokmak 2, Chester, Kyzart, La Victoria, Karagaybulak, Oroboru, Fairl, Uchter, Chumysh, Chemin du LacG, Lisbon, Ala-Archa, Ala-Archa, Ala-Archa, La Tuque, Osenovka, Tamworth, Warwick, Trafford, Almayashu, St-Isidore-de, Erkin-Say, Milan, Ste Agathe de, Matop, Matop, St Evariste, West of Eustis, Lac Etchemin, Boothbay, Kingsbury, St Aubert, Com, Peaks-Kenny Pt, Kaboul, Nahmankanta, Br, Maxfield.

11d 21h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like BINGHAMTON, Dumoine, Plevna, Harry Jones Me, Lac Vacive, Po, Waymart, Williamsstown, Lac Duplat, Po, Calabogie, Elgin, Carthage, Port Jervis, Lac Fusel, A, Matagami, Cooperstown, Richville, Montceff-Lytto, Old Forge, Lebel-sur-Quev, Pallsades, Orleans, Innes, Noril'sk, Lobatse, Kashi, Sainte-Anne-du, Lake Ozonia, Alfred, Hillsdale 1, H, St. Veronique, Nilore, Gabriel, Olmsteadville, Hamden, Ulahol, ZEC Manzana, Ormstown, Shoreham, Northampton, Kurchatov, Kurchatov, Tokmak 2, Chester, Kyzart, La Victoria, Karagaybulak, Oroboru, Fairl, Uchter, Chumysh, Chemin du LacG, Lisbon, Ala-Archa, Ala-Archa, Ala-Archa, La Tuque, Osenovka, Tamworth, Warwick, Trafford, Almayashu, St-Isidore-de, Erkin-Say, Milan, Ste Agathe de, Matop, Matop, St Evariste, West of Eustis, Lac Etchemin, Boothbay, Kingsbury, St Aubert, Com, Peaks-Kenny Pt, Kaboul, Nahmankanta, Br, Maxfield.

11d 21h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like H65A Eastbrook, F64A Sherman, E63A Oxbow, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GNI comp=Z,545nm,0.3s, GNI comp=Z,545nm,0.3s, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BGOL comp=Z,227nm,0.4s, MAZI comp=Z,227nm,0.4s, etc.

11d 22h

Table with columns for station name, time, and various codes. Includes stations like BFO, LJU, WATA, RETA, etc.

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Table with columns for station name, time, and various codes. Includes stations like KEST, KESR, OUK, etc.

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Table with columns for station name, time, and various codes. Includes stations like ABTA, DAVA, FETA, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include KAHZ, PKVZ, VRZ, etc.

NCC 11 22:20:13.0-1.6, 41°48'N-84°32'E, h2km, 7km, mb3.7, mpv3.3, 10C-3D, Error ellipse: s-maj=10.8km

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include SHLS, PDGK, UZB, etc.

ISCJB 11 22:36:10.8-0.4, 33°64'N-0°05'134°39'E, h2km, 5km, mb3.4/3, Error ellipse: s-maj=7.7km

IDC 11 22:36:11.7-3.1, 33°66'N-134°44'E, h34km, 29km, mb3.3/3, mb1.3/5.7, mb1mx3.3/5.7, mbtmp3.3/5.7, ML3.4/3, Error ellipse: s-maj=26.8km

JMA 11 22:36:11.9, 33°66'N-134°39'E, h3km, 1M3.8, Broadband fault plane solution: P waves, NP1=232.00000°, 351.00000°, λ=70.00000°, NP2=22.00000°, 843.00000°, λ=113.00000°, Principal axes: T Plg4.0000°, Azm308.0000°, N Plg15.0000°, Azm39.0000°, Plg74.0000°, Azm203.0000°

JMA Felt II J1, ISC 11 22:36:11.6-1.1, 33°64'N-0°04'134°39'E, h34km, 2km, n25, r102/31, mb3.4/3, 8C-3D, Shikoku

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include JAI, MRT2, JET, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include H11S1, H11S2, MKAR, etc.

ISCJB 11 22:57:29.1-0.7, 36°69'N-0°03'10°50'W, h10km, Error ellipse: s-maj=5.7km

CNMR 11 22:57:32.6, 36°67'N-10°38'W, h26km, ml3.4, MDD 11 22:57:33.4, 1.2, 36°85'N-10°42'W, h0km, mbLg2.6/15, Error ellipse: s-maj=10.3km

INMG 11 22:57:33.9, 1.4, 36°75'N-10°49'W, h10km, ML2.2, Error ellipse: s-maj=5.8km

ISC 11 22:57:27.2C, Azores-Cape St. Vincent Ridge, c256°/135.2C

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include PFVI, MORF, PTEO, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include MTE, ZHG, ZHG, etc.

IDC 11 23:03:44.5-7.0, 19°15'S-168°52'E, h271km, 39km, mb3.5/5, mb1.3/6.6, mb1mx3.3/5.2, mbtmp4.1/6.0, Error ellipse: s-maj=93.8km

DZM 2.6mm, 0.3s, baz=47, slow=19, SNR=50, DZM 2.1mm, 0.3s, baz=114, slow=20, SNR=2.8

CTA 0.3ers, tower 21, 209.264 P, 2.4mm, 0.6s, baz=87, slow=12, SNR=5.8

STKA Stephens Creek 27.40 237 P, 1.9mm, 0.8s, baz=91, slow=16, SNR=2.9

WAR Warramunga Arr 32.28 256 P, 1.1mm, 0.3s, baz=95, slow=8, SNR=14

ASR Alice Springs 32.58 263 P, 6.7mm, 0.5s, baz=82, slow=9.3, SNR=120

FITZ Fitzroy Crossi 40.67 264 P, 1.7mm, 0.5s, baz=83, slow=7.8, SNR=7.7

BUI 11 23:05:33.8-0.0, 40°90'N-124°70'W, h10km, mb4.7/14, mb5.3/6, M54.9/5, M57.4/76

PMR 11 23:05:36.2-5.4, 40°96'N-0°04'124°83'W, h12km, 3km, MOS 11 23:05:36.1-1.0, 40°93'N-124°65'W, h12km, mb5.0/12

Error ellipse: s-maj=6.8km, s-min=5.1km, az=110.6, IDC 11 23:05:36.3-0.6, 41°03'N-124°51'W, h0km, mb4.3/19, mb1.4/6.25, mb1mx4.4/5.3, mbtmp4.4/25, ML4.7/7, MS4.0/18, MS1.4/0.18, ms1mx3.8/4.4, Error ellipse: s-maj=11.6km

s-min=7.5km, az=29.0, NCEDC 11 23:05:37.3-2.1, 40°98'N-0°03'124°75'W, h0km, 9km, 3km, Mw4.9, mb5.1/37.4(NEIC), Moment Tensor Solution

Moment Tensor Solution: Scale 1016Nm, Mo=1.5, Mw=3.22, Mw=3.06, Mw=0.33, Mw=0.65, Mw=0.26

NEIC 11 23:05:38.8-1.7, 40°95'N-0°03'124°70'W, h17km, 3km, ISCJB 11 23:05:38.8-0.4, 40°97'N-0°01'124°56'W, h21km, 2km, mb4.8/62, MS4.0/14, Error ellipse: s-maj=3.0km

s-min=1.8km, az=149.3, GCMT 11 23:05:39.3-0.6, 40°83'N-0°03'124°91'W, h0.4, h22km, 3km, MW5.2/72, Moment Tensor Solution, s8; c8; s72; c93

Duration: 190 Moment Tensor Solution: Scale 1017Nm, Mw0.28; 0.7; Mw0.81; 0.5; Mw0.53; 0.4; Mw=0.18; 0.09; Mw0.20; 0.03; Mw0.25; 0.08; Best double couple: Mw0.78400; 1017; NP1=319.00000; 877.00000; λ150.00000; NP2=56.00000; 861.00000; λ15.00000

Principal axes: T 0.6880, Plg30.0000°, Azm274.0000°; N 0.1920, Plg58.0000°, Azm117.0000°; P -0.8800, Plg11.0000°, Azm10.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 23:05:36.7-0.8, 40°98'N-0°03'124°67'W, h0.4, h6km, 5km, h1151, r1917/1033, mb5.1/222, MS4.1/14, 9C-1D, Near coast of northern California

Table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Rows include JCC, Jacoby Creek, etc.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like JCC, KCTM, KMPM, etc.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like E7A, D03D, SMMC, etc.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like 214A, W18A, W18A, etc.

MENT	Mentasta	24.74	339	P	P	23 10 59.8	+1.1
MENT	comp-Z,29nm,0.9s			I	Amb	23 11 04.2	
BRLK	Bradley Lake	24.88	328	P	P	23 11 00.9	+0.8
W39A	Magazine	24.91	93	P	P	23 10 58.8	-1.6
W39A	Magazine	24.91	93	I	Amb	23 11 10.8	
SCM	comp-Z,43nm,0.7s						
SCM	Sheep Creek Mo	24.97	334	P	P	23 11 00.4	-0.4
SCM	comp-Z,46nm,1.0s			P	Pmax		
SCM	Sheep Creek Mo	24.97	334	P	P	23 11 00.4	-0.4
SCM	comp-Z,46nm,1.0s			I	Amb	23 11 16.5	
L40A	Anamosa	24.98	76	P	P	23 10 59.2	-1.9
L40A	Anamosa	24.98	76	I	Amb	23 11 02.5	
KNK	Knik Glacier	25.05	333	P	P	23 11 02.1	+0.6
KNK	comp-Z,30nm,0.9s			I	Amb	23 11 15.8	
U40A	Yellville	25.19	90	P	P	23 11 01.5	-1.5
U40A	comp-Z,290						
U40A	Yellville	25.19	90	I	Amb	23 11 03.3	
PAX	Paxson	25.25	338	P	P	23 11 04.4	+1.0
PAX	comp-Z,10.0nm,1.1s			P	Pmax		
PAX	Sawmill	25.28	333	P	P	23 11 05.0	+1.4
SML		25.28	333	I	Amb	23 11 48.8	
RC01	Rabbit Creek A	25.29	331	P	P	23 11 05.0	+1.4
MIAR	MIAR	25.32	95	P	P	23 11 04.2	0.0
MIAR	comp-Z,50nm,0.8s			P	Pmax		
MIAR	Mount Ida	25.32	95	I	Amb	23 11 08.2	
MGMO	Mountain Grove	25.36	88	I	Amb	23 11 32.8	
G40A	Rib Lake	25.40	69	P	P	23 11 03.8	-1.2
G40A	comp-Z,273						
DOT	Dot Lake	25.41	340	P	P	23 11 06.0	+1.3
PMR	Palmer	25.41	333	P	P	23 11 05.2	+0.6
PMR	comp-Z,23nm,0.8s			P	Pmax		
PMR	Palmer	25.41	333	P	P	23 11 05.2	+0.6
GHO	Glory Hole Cre	25.46	333	P	P	23 11 06.7	+1.5
GHO	comp-Z,34nm,1.0s			I	Amb	23 11 22.7	
N41A	Harden Midland	25.50	79	P	P	23 11 03.9	-1.8
N41A	comp-Z,282						
N41A	Harden Midland	25.50	79	I	Amb	23 11 06.8	
JFWS	Jewell Farm	25.57	74	I	Amb	23 11 07.9	
EGAK	Eagle	25.67	344	P	P	23 11 08.1	+1.1
RIDG	Independent Ri	25.69	339	P	P	23 11 08.7	+1.4
I41A	Arkdale	25.72	71	P	P	23 11 06.7	-1.0
I41A	comp-Z,28nm,0.5s			I	Amb	23 11 10.2	
KVXT	Kingsville	25.75	113	P	P	23 11 08.6	+0.5
NATX	Nacogdoches	25.75	101	P	P	23 11 07.9	-0.2
HKT	Hockley	25.82	106	P	P	23 11 10.2	+1.5
HKT	comp-Z,57nm,1.3s			P	Pmax		
HKT	Hockley	25.82	106	I	Amb	23 11 10.2	+1.5
HKT	comp-Z,57nm,1.3s			I	Amb	23 11 11.6	
CCM	Cathedral Cave	25.86	85	P	P	23 11 08.2	-0.9
CCM	comp-Z,39nm,0.6s			P	Pmax		
CCM	Cathedral Cave	25.86	85	P	P	23 11 07.8	-1.3
CCM	comp-Z,31nm,0.5s			I	Amb	23 11 10.2	
DHY	Denali Highway	25.90	336	P	P	23 11 10.1	+0.8
SUA	Susitna One	25.90	331	P	P	23 11 10.0	+0.7
SUA	comp-Z,58nm,1.2s			I	Amb	23 11 22.0	
FCAR	Ozark Folk Cen	25.91	91	I	Amb	23 11 22.0	
X40A	Basin Creek Fa	25.91	94	P	P	23 11 08.4	-1.0
X40A	comp-Z,29nm,0.9s			I	Amb	23 11 40.0	
ZAIG	Zacatecas	25.99	128	P	P	23 11 10.8	+0.1
WHAR	Woolly Hollow	26.00	92	P	P	23 11 10.0	-0.3
RSO	Redoubt South	26.05	328	P	P	23 11 10.6	-0.2
W41B	Gary Mavity, V	26.08	92	P	P	23 11 10.5	-0.5
W41B	comp-Z,293						
U41A	Gary Mavity, V	26.08	92	I	Amb	23 11 12.9	
U41A	comp-Z,41nm,0.6s			P	P		
U41A	University of	26.16	93	P	P	23 11 12.9	+1.1
FCC	Fort Churchill	26.21	37	P	P	23 11 13.3	+1.4
FCC	comp-Z,46nm,0.8s			P	Pmax		
FCC	Fort Churchill	26.21	37	I	Amb	23 11 13.3	+1.4
FCC	comp-Z,46nm,0.8s			I	Amb	23 11 23.1	
EPYK	Eagle Plains	26.33	349	P	P	23 11 14.4	+1.4
EPYK	comp-Z,159						
EPYK	Eagle Plains	26.33	349	I	Amb	23 11 26.2	
H42A	Draeger Farm,	26.42	73	P	P	23 11 13.2	-0.9
SLM	Saint Louis	26.46	84	I	Amb	23 11 15.2	
D41A	Chassel	26.50	65	P	P	23 11 14.3	-0.4
D41A	comp-Z,45nm,0.7s			I	Amb	23 11 19.4	
FVM	French Village	26.50	85	I	Amb	23 11 55.4	
SKT	Skwentna	26.52	331	P	P	23 11 14.9	0.0
RND	Reindeer	26.59	336	P	P	23 11 15.9	+0.3
RND	comp-Z,24nm,1.4s			P	Pmax		
RND	Reindeer	26.59	336	P	P	23 11 15.9	+0.3
P43A	Skaggs, Pawnee	26.73	81	P	P	23 11 15.6	-1.3
P43A	comp-Z,284						
F42A	Maple Grove Fa	26.83	67	P	P	23 11 17.9	+0.1
F42A	comp-Z,273						
MCK	McKinley	26.86	336	P	P	23 11 18.0	+0.2
MCK	comp-Z,12nm,0.9s			P	Pmax		
CCAR	McKinley	26.86	336	P	P	23 11 18.8	+1.0
CCAR	Cane Creek	26.94	94	P	P	23 11 18.9	+0.1
K43A	Burlington	27.00	74	P	P	23 11 18.0	-1.3
K43A	comp-Z,41nm,1.0s			I	Amb	23 11 20.7	
IL31	Eielson Array	27.05	339	P	P	23 14 43.6	+3.3
IL31	comp-Z,57nm,0.8s			P	P		
IL31	Eielson Array	27.05	339	P	P	23 11 20.9	+1.4
ILAR	Eielson Array	27.05	339	P	P	23 11 21.2	+1.7
ILAR	comp-Z,0.5nm,0.8s,ba=182,slow=3.2,SNR=3.9			P	P	23 14 43.6	+3.2
ILAR	Eielson Array	27.05	339	P	P	23 11 21.1	+1.6
ILAR	comp-Z,27.05			P	P	23 11 21.1	+1.6
TRF	Thorofare Moun	27.08	335	P	P	23 11 21.6	+1.5
WRH	Wood River Hill	27.16	338	P	P	23 11 21.4	+0.9
H43A	Windswept, Lux	27.18	70	P	P	23 11 20.3	-0.6
CCB	Clear Creek Bu	27.21	338	P	P	23 11 22.0	+1.1
PRP	Porcupine Dome	27.30	341	P	P	23 11 22.8	+0.9
BWN	Brownie	27.34	336	P	P	23 11 21.8	-0.3
BWN	comp-Z,21.8			sP	sP	23 11 24.2	0.0
BWN	Brownie	27.34	336	I	Amb	23 11 38.4	
PPLA	Purkeypile	27.35	333	P	P	23 11 23.2	+0.8
PPLA	comp-Z,31nm,1.0s			I	Amb	23 11 37.0	
KTH	Kantishna Hill	27.36	334	P	P	23 11 23.0	+0.6
L44A	Lake County Fo	27.39	75	P	P	23 11 21.7	-1.1
COLA	College	27.39	339	P	P	23 11 23.3	+0.7
COLA	comp-Z,32nm,0.2s			P	Pmax		

COLA	College	27.39	339	P	P	23 11 23.2	+0.7
O44A	Mansfield	27.40	80	P	P	23 11 21.5	-1.4
O44A	comp-Z,35nm,0.8s			I	Amb	23 11 21.7	-1.2
PARMO	Parma	27.43	88	P	P	23 11 21.7	-1.5
M44A	Midewin, Midew	27.44	77	P	P	23 11 21.9	-1.4
M44A	comp-Z,282						
M44A	Midewin, Midew	27.44	77	I	Amb	23 11 24.2	
POKR	Poker Plat Res	27.47	339	P	P	23 11 25.2	+1.9
S44A	Cardonade	27.47	85	P	P	23 11 21.8	-1.8
SIUC	Southern Illin	27.50	85	I	Amb	23 12 03.5	
SDPT	Sand Point	27.51	314	P	P	23 11 24.1	+0.3
NEA	Nemans	27.52	337	P	P	23 11 24.6	+0.8
SVW2	Sparrevohne	27.56	327	P	P	23 11 24.6	+0.5
MDM	Murphy Dome	27.56	338	P	P	23 11 24.8	+0.6
E43A	Lone Tree Farm	27.59	66	P	P	23 11 23.4	-1.2
E43A	comp-Z,504nm,19.3s,ba=167,slow=36						
E43A	Lone Tree Farm	27.59	66	I	Amb	23 11 25.9	
E43A	comp-Z,18nm,0.6s						
CAST	Castle Rocks	27.65	333	P	P	23 11 22.8	-2.3
BPW	Bear Paw Mtn.	27.76	335	P	P	23 11 26.8	+0.8
INK	Inuvik	27.80	353	P	P	23 11 27.4	+1.1
INK	comp-Z,12nm,1.0s,ba=167,slow=36						
INK	Inuvik	27.80	353	P	P	23 23 19.5	
INK	comp-Z,504nm,19.3s,ba=167,slow=36			LR			
INK	Inuvik	27.80	353	P	P	23 11 26.6	+0.4
INK	comp-Z,45nm,1.1s			P	Pmax		
INK	Inuvik	27.80	353	I	Amb	23 11 26.6	+0.4
LNXT	Lenox	27.82	89	P	P	23 11 27.4	+0.7
LNXT	comp-Z,45nm,1.1s			I	Amb	23 12 19.8	
HICK	Hickman	27.87	88	P	P	23 11 25.4	-1.8
HICK	comp-Z,43nm,0.7s			I	Amb	23 12 17.8	
OLIL	Olney	28.04	82	P	P	23 11 26.3	-2.4
OLIL	comp-Z,43nm,0.7s			I	Amb	23 12 16.4	
FYU	Fort Yukon	28.09	343	P	P	23 11 29.9	+1.1
FYU	comp-Z,71nm,1.6s			I	Amb	23 11 42.2	
J45A	Montague	28.30	72	P	P	23 11 30.9	0.0
E44A	Grand Marais A	28.32	65	P	P	23 11 31.5	+0.4
E44A	comp-Z,72nm,1.2s			I	Amb	23 11 35.9	
I45A	Fountain	28.33	71	P	P	23 11 30.9	-0.3
I45A	comp-Z,37nm,0.8s			I	Amb	23 11 31.8	
MLY	Manley	28.34	337	P	P	23 11 31.5	+0.4
SFIN	Lafayette	28.36	79	P	P	23 11 30.6	-0.9
SFIN	comp-Z,24nm,0.8s						
SFIN	Lafayette	28.36	79	I	Amb	23 11 32.5	
P46A	Rosedale	28.47	80	P	P	23 11 31.5	-1.0
OXF	Oxford	28.48	92	I	Amb	23 11 37.3	
L46A	Eue Claire	28.61					

J52A	Paris	32.58	71	P	P	23 12 08.9	+0.1
X52A	Dahlonaga	32.62	88	P	P	23 12 08.7	-0.6
I52A	Shelburne	32.64	69	P	P	23 12 09.6	+0.2
H52A	Wyevale	32.74	68	P	P	23 12 09.9	-0.3
O53A	New Philadelph	32.75	77	P	P	23 12 09.6	-0.6
E51A	G1948 Merrick	32.75	65	P	P	23 12 10.1	-0.2
R53A	Hurricane	32.76	80	P	P	23 12 09.8	-0.6
R53A	Hurricane	32.76	80	IAMB	IAMB	23 12 10.7	
T53A	Wise	32.77	83	P	P	23 12 09.5	-1.0
D51A	Lot 18 Range I	32.77	64	P	P	23 12 09.9	-0.5
Y52A	Lilburn	32.80	89	P	P	23 12 09.9	-0.8
Y52A	Lilburn	32.80	89	IAMB	IAMB	23 12 13.0	
ACTO	Action	32.81	70	P	P	23 12 11.0	+0.2
152A	Waverly Hall	32.81	92	P	P	23 12 09.8	-1.0
Z52A	Williamson	32.81	91	P	P	23 12 09.7	-1.2
P53A	Whipple	32.83	78	P	P	23 12 09.9	-1.1
P53A	Whipple	32.83	78	IAMB	IAMB	23 12 11.2	
M53A	WI Miller and	32.84	74	P	P	23 12 10.0	-1.0
SS3A	Williamson	32.84	82	P	P	23 12 10.5	-0.6
N53A	Lisbon	32.88	76	P	P	23 12 10.5	-0.9
N53A	Lisbon	32.88	76	IAMB	IAMB	23 12 11.8	
Q53A	Leroy	32.91	79	P	P	23 12 10.9	-0.9
U53A	Fall Branch	32.95	84	P	P	23 12 11.5	-0.6
W53A	Cullowhee	32.95	86	P	P	23 12 12.1	-0.1
BUKO	Buck Lake	32.96	67	P	P	23 12 11.9	-0.2
F52A	Sundridge	32.96	66	P	P	23 12 11.8	-0.3
451A	Vernon	32.98	96	P	P	23 12 12.4	0.0
L53A	Girard	33.02	73	P	P	23 12 12.2	-0.4
V53A	Saluda	33.03	85	P	P	23 12 12.2	-0.7
TYNO	Tyneside	33.05	71	P	P	23 12 11.9	-0.9
252A	Lumpkin	33.10	93	P	P	23 12 12.6	-0.8
I53A	Kortright Cn E	33.10	70	P	P	23 12 12.2	-1.1
X53A	Estanollee	33.11	88	P	P	23 12 12.8	-0.7
Y53A	Monroe	33.16	89	P	P	23 12 12.8	-1.1
ALLY	Alegheny Colle	33.17	74	P	P	23 12 13.5	-0.5
ALLY	ALLY			IAMB	IAMB	23 12 14.9	
ERPA	Erie	33.17	73	P	P	23 12 13.1	-0.9
ERPA	ERPA			IAMB	IAMB	23 12 15.0	
BG3	Lake Jocassee	33.20	87	IAMB	IAMB	23 12 15.8	
SADO	Sadowa	33.25	68	IAMB	IAMB	23 12 15.6	
E52A	Mattawa	33.35	65	P	P	23 12 14.8	-0.7
O54A	Avelia	33.38	77	P	P	23 12 14.7	-1.1
Q54A	Coxs Mills	33.39	79	P	P	23 12 15.4	-0.5
Q54A	Coxs Mills	33.39	79	IAMB	IAMB	23 12 16.4	
SS4A	Dingess, Beckl	33.41	81	P	P	23 12 15.2	-0.9
SS4A	Dingess, Beckl	33.41	81	IAMB	IAMB	23 12 16.9	
Z53A	Monticello	33.41	90	P	P	23 12 15.5	-0.7
D52A	ZEK Kipawa Sen	33.43	64	P	P	23 12 15.5	-0.6
GOGA	Godfrey	33.44	90	P	P	23 12 16.7	+0.4
GOGA	GOGA			pmx	pmx		
GOGA	Godfrey	33.44	90	IAMB	IAMB	23 12 17.5	
N54A	Moraine State	33.46	75	IAMB	IAMB	23 12 16.1	-0.4
N54A	Moraine State	33.46	75	IAMB	IAMB	23 12 17.2	
T54A	Tazewell	33.46	82	P	P	23 12 15.8	-0.8
P54A	Burton	33.47	78	P	P	23 12 16.3	-0.3
STCO	Saint Catharin	33.52	71	P	P	23 12 17.1	+0.2
R54A	Victor	33.52	80	P	P	23 12 16.1	-1.0
253A	Americus	33.53	92	P	P	23 12 17.1	0.0
253A	Americus	33.53	92	P	P	23 12 17.9	+0.8
G53A	Haliburton	33.55	67	P	P	23 12 17.0	-0.2
M54A	Oil Creek Stat	33.56	74	P	P	23 12 17.2	-0.1
M54A	Oil Creek Stat	33.56	74	IAMB	IAMB	23 12 18.1	
L54A	Sinclairville	33.63	73	P	P	23 12 17.8	-0.2
V54A	Nebo	33.64	85	P	P	23 12 17.7	-0.5
H53A	Bobcaygeon	33.67	68	P	P	23 12 17.7	-0.6
DRWO	Darlington Wes	33.70	69	P	P	23 12 18.5	0.0
W54A	Cherokee Point	33.73	86	P	P	23 12 18.0	-0.8
353A	Camilla	33.79	93	P	P	23 12 18.7	-0.7
X54A	Belton	33.80	87	P	P	23 12 18.7	-0.8
ALGO	Algonquin Park	33.82	66	P	P	23 12 19.0	-0.5
Y54A	Tignall	33.84	88	P	P	23 12 18.8	-1.1
G54A	Lake Saint Pet	33.88	67	P	P	23 12 20.0	-0.1
J54A	Appleton	33.89	71	P	P	23 12 20.2	0.0
D53A	Lac Vavie, Po	33.91	64	P	P	23 12 20.3	+0.1
D53A	Lac Vavie, Po	33.91	64	IAMB	IAMB	23 12 21.5	
MCWV	Mont Chateau	33.92	77	IAMB	IAMB	23 12 21.2	
Q55A	Buckhannon	33.95	78	P	P	23 12 20.1	-0.7
VLD0	Val d'Or	33.95	82	IAMB	IAMB	23 12 19.9	
P55A	Reedsville	33.98	77	P	P	23 12 20.1	-0.9
Z54A	Sparta	33.98	89	P	P	23 12 20.4	-0.7
K54A	Basilio Farm,	34.00	72	P	P	23 12 20.3	-0.9
HODGE	Hodges	34.01	87	P	P	23 12 21.5	+0.2
HODGE	HODGE			IAMB	IAMB	23 12 22.4	
E53A	Dumaine, Ponti	34.02	65	P	P	23 12 20.7	-0.6
SS5A	Lewisburg	34.02	81	P	P	23 12 20.8	-0.7
T55A	Pulaski	34.03	82	P	P	23 12 21.2	-0.4

MEDO	Medina	34.05	71	P	P	23 12 21.6	0.0
MEDO	Medina	34.05	71	P	P	23 12 21.3	-0.2
154A	Montrose	34.05	91	P	P	23 12 21.3	-0.4
U55A	TA2, Sparta	34.05	83	P	P	23 12 21.2	-0.6
BANO	Bancroft	34.05	67	P	P	23 12 21.6	0.0
PAULI	Pauline	34.11	86	P	P	23 12 22.8	+0.6
O55A	Ligonier	34.16	76	P	P	23 12 22.1	-0.6
V55A	Taylorsville	34.17	84	P	P	23 12 22.0	-0.6
V55A	Taylorsville	34.17	84	P	IAMB	23 12 21.9	-0.8
V55A	Taylorsville	34.17	84	IAMB	IAMB	23 12 23.9	
LSQQ	Lebel-sur-Quev	34.18	60	P	P	23 12 22.6	0.0
254A	Abbeville	34.21	92	P	P	23 12 22.3	-0.8
M55A	Ridgway	34.22	74	P	P	23 12 22.7	-0.5
M55A	Ridgway	34.22	74	IAMB	IAMB	23 12 24.1	
N55A	Marion Center	34.24	75	P	P	23 12 22.6	-0.6
L55A	Hinsdale	34.28	72	P	P	23 12 23.5	-0.2
E54A	Lac Daplat, Po	34.34	65	P	P	23 12 23.7	-0.4
KMSC	Kings Mountain	34.35	85	P	P	23 12 23.8	-0.5
DELO	Delors Mine	34.36	68	P	P	23 12 23.8	-0.5
DELO	DELO			IAMB	IAMB	23 12 25.3	
I55A	Frankford	34.38	69	P	P	23 12 23.8	-0.6
K55A	Perry	34.42	71	P	P	23 12 24.6	-0.2
PEMO	Pembroke	34.42	66	P	P	23 12 24.0	-0.7
Y55A	Saluda	34.43	88	P	P	23 12 24.2	-0.8
J55A	Hilton	34.48	70	P	P	23 12 25.1	-0.1
454A	Quitman	34.53	94	P	P	23 12 25.0	0.0
155A	Kite	34.53	90	P	P	23 12 25.0	-0.9
Q56A	Snyder Ridge,	34.59	78	P	P	23 12 25.7	-0.7
Q56A	Snyder Ridge,	34.59	78	IAMB	IAMB	23 12 27.2	
D54A	Lacuse, La	34.60	63	P	P	23 12 25.9	-0.5
U56A	King	34.61	83	P	P	23 12 26.0	-0.5
T56A	Rocky Mt	34.63	82	P	P	23 12 26.3	-0.4
R56A	Bull Pasture M	34.63	79	P	P	23 12 26.3	-0.5
M56A	Emporium	34.64	73	P	P	23 12 26.4	-0.4
M56A	Emporium	34.64	73	IAMB	IAMB	23 12 27.6	
PLVO	Plevna	34.65	67	IAMB	IAMB	23 12 28.0	
H55A	Twoed	34.66	68	P	P	23 12 26.9	0.0
O56A	Blue Knob Stat	34.69	76	P	P	23 12 26.7	-0.5
O56A	Blue Knob Stat	34.69	76	IAMB	IAMB	23 12 28.1	
N56A	West Decatur	34.71	74	P	P	23 12 27.0	-0.3
P56A	Dayton Farm, R	34.71	77	P	P	23 12 26.8	-0.6
V56A	Mocksville	34.72	84	P	P	23 12 27.1	-0.4
V56A	Mocksville	34.72	84	IAMB	IAMB	23 12 28.3	
JSC	Jenkinsville	34.74	87	IAMB	IAMB	23 12 29.2	
SS6A	Natural Bridge	34.75	80	P	P	23 12 26.8	-1.0
355A	Pearson	34.82	92	P	P	23 12 27.8	-0.6
X56A	White Oak	34.83	86	P	P	23 12 27.8	-0.6
255A	Hazlehurst	34.84	91	P	P	23 12 27.8	-0.7
G55A	Calabogie	34.86	67	P	P	23 12 28.5	0.0
W56A	Indian Trail	34.92	85	P	P	23 12 28.5	-0.7
PECO	Prince Edward	34.92	69	P	P	23 12 29.0	-0.1
PECO	Prince Edward	34.92	69	IAMB	IAMB	23 12 30.3	
L56A	Greenwood	34.92	72	P	P	23 12 29.4	+0.1
K56A	Middlesex	34.96	71	P	P	23 12 29.5	0.0
455A	Stateville	34.97	94	P	P	23 12 29.7	0.0
F55A	Otter Lake	35.01	66	P	P	23 12 30.0	+0.1
SSPA	Standing Stone	35.08	75	P	P	23 12 30.3	-0.2
SSPA	SSPA			IAMB	IAMB	23 12 31.2	
E55A	Monteorf-Lytto	35.11	64	P	P	23 12 30.6	-0.1
J56A	Wolcott	35.16	70	P	P	23 12 31.0	-0.1
Q57A	Strasburg	35.17	78	P	P	23 12 31.2	-0.1
S57A	Dark Hollow, R	35.18	80	P	P	23 12 31.6	+0.2
S57A	Dark Hollow, R	35.18	80	IAMB	IAMB	23 12 33.5	
BIRD	Birdtown, Kers	35.20	86	IAMB	IAMB	23 12 32.3	
T57A	Hurt	35.22	81	P	P	23 12 30.8	-1.0
T57A	Hurt	35.22	81	IAMB	IAMB	23 12 32.5	
V57A	Coltrane Farms	35.24	83	P	P	23 12 31.1	-0.8
156A	Sylvania	35.26	90	P	P	23 12 31.8	-0.3
256A	Glennville	35.26	91	P	P	23 12 31.7	-0.4
N57A	Milroy	35.29	74	P	P	23 12 32.1	-0.3
H56A	Elgin	35.30	68	P	P	23 12 32.5	+0.1
R57A	Stanardsville	35.32	79	P	P	23 12 32.6	-0.1
P57A	Homestead Farm	35.33	77	P	P	23 12 32.5	-0.2
P57A	Homestead Farm	35.33	77	IAMB	IAMB	23 12 33.9	
W57A	Gilead	35.35	85	P	P	23 12 32.4	-0.5
W57A	Gilead	35.35	85	IAMB	IAMB	23 12 33.6	
U57A	Blanch	35.36	82	P	P	23 12 32.8	-0.2
356A	Blackshear	35.38	92	P	P	23 12 33.0	-0.2
O57A	Amberson	35.39	75	P	P	23 12 32.8	-0.4
D55A	Sainte-Anne-du	35.42	63	P	P	23 12 33.0	-0.4
M57A	Sunshine Farm,	35.44	73	P	P	23 12 33.2	-0.4
M57A	Sunshine Farm,	35.44	73	IAMB	IAMB	23 12 34.8	
L57A	Andrews Acres	35.47	72	P	P	23 12 33.7	-0.2
Y57A	Sumter	35.51	87	P	P	23 12 33.3	-1.0
K57A	Scipio Center	35.53	71	P	P	23 12 34.1	-0.3
X57A	Johnson Farm,	35.55	86	P	P	23 12 34.1	-0.6

Z57A	Bowman	35.58	88	P	P	23 12 34.4	-0.5
157A	Early Branch	35.62	89	P	P	2	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZARCO Zaragoza, Cauc, CAPY Capacho, OCACA Ocana, UREC San Jos de Ur, SMLC San Martin de, SOCV Socops, ELOV Elorza, CODC Agustin Codazz, SDV Santo Domingo, SDV Dabajuro.

DRS 11 23:46:47.6:0.0, 43.23Nk:46:97E, h13km
MOS 11 23:46:48.6:0.0, 43.08Nk:46:95E, h6km, MPVA4.0
NORS 11 23:46:49.1:0.0, 43.11Nk:46:92E, h9km, MPVA3.8
ISC 11 23:46:48.4:1.3, 43.22Nk:46:95E:0.03, h7km, 11km, n24, c1874/48, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DBC Dubki, MAK Makhachkala, XNZR Khunzakh, BTLR Botlikh, GUNBR Gunib, LGD Lagodekhi, KMGR Komgaron, DRN Derbent, VLKR Vladikavkaz, TRKR Terskaya, BTRK Batakoyurt, DDFL Dedoflistskaro, ARNR Ardon, GUDG Gudaursi, PRTR Prierechnaya, KORR Kora, STDR Stavad-Durt, DGRG David-gareji, ZEJ Tsey, LSNR Lesken, NCK Naichik, DIGR Digorskoe uzhe, ONI Oni, NEY Neytrino.

ISCJB 11 23:55:27.7:0.5, 9.33Nk:126:63E:0.04, h10km, mb4.0/11, Error ellipse: s-maj=5.6km s-min=3.1km az=171.0

MAN 11 23:55:27.7, 9.33Nk:126:51E, h1km, mb4.7, ML3.6, MS3.4
IDC 11 23:55:38.7:2.2, 9.22Nk:126:33E, h100km, mb2.3, MS3.7/11, mb1 3.9/13, mb1mx3.6/53, mbtmp4.2/13, MS3.0/1, Ms1 3.0/1, ms1mx2.6/30, Error ellipse: s-maj=36.1km s-min=13.2km az=84.0

ISC 11 23:55:28.7:0.6, 9.31Nk:126:45E:0.05, h10km, n35, c1875/55, mb4.0/11, 6C-73C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, BHP Bislig, MSLP Maasin, CGP Cagayan de Oro, MUSAN Musuan, PALO Palo, MATI Mati, DAVAO Davao City (W), DAV Davao, DMPH Davao City-Mi, BESP Borongan, OCLP Oromoc, TBP Tagbilaran, KCP Kidapawan, CTBH Cotabato-PC H, DCPH Dipolog City, DMMP Don Marcelino, SKMP Bagumbayan, Su, PAGZ Pagadian, CFP Catarman, RCP Roxas, PVCP Virac, BATI Baumba, FITZ Fitzroy Crossi, KSRs Koro Aray, WRA Warrunganga Arr, ASAR Alice Springs, USRK Ussuriysk Ar, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, MKAR Makanchi Arr, ILAR Eielson Array, ARCES ARCES Array B, FINES FINESS Array B, TORD Torodi Arr.

IDC 12 00:03:50.8:1.3, 15:37Sx172:87W, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.9/48, mbtmp4.0/6, MS3.6/1, Ms1 3.6/1, ms1mx2.9/23, Error ellipse: s-maj=50.7km s-min=18.8km az=130.0
ISCJB 12 00:03:53.9:0.4, 15:19S:0:06:173:06W:0:07, h29km, mb4.1/5, MS3.4/1, Error ellipse: s-maj=10.9km s-min=7.7km az=29.2
NEIC 12 00:03:53.1:1.5, 15:14S:0:08:173:04W:0:10, h10km, 1km, mb4.3/13

ISC 12 00:03:55.4:0.6, 15:11S:0:07:172:92W:0:09, h29km, n36, c1845/38, mb4.3/9, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, AFI Niue, KNTN Kanton, PRR Rarotonga, RANC Pines Island, PINN, DZM Mont Dzumaz, DZM Mont Dzumaz, DZM Mont Dzumaz, URZ Urewera, URZ Urewera, BKZ Black Stump Fm, BFZ Birch Farm, MSW Moikau Station, HLP Hilina Pali, WRA Warrunganga Arr, WRA Warrunganga Arr, AS31 Alice Springs, ASAR Alice Springs, PETK Petropavlovsk, PE1A Petropavlovsk, WRH Wood River Hill, BCAR Beaver Creek A, DOL Deol Lake, YHB Horse Butte, CCB Clear Creek Bu, CCB, IL31, IL31, ILAR Eielson Array, ILAR Eielson Array, IMAR Indian Mountain, EMAR Burnt Mountain, KHC Kaparskeuary, GERS GERRSS Array B, BR101 Keskin Array B, BRTR Keskin Array B.

NEIC 12 00:05:12.4:1.9, 51:66Nk:105:174:71W:0:04, h25km, 2km, AEIC 12 00:05:13.2:2.5, 51:55Nk:106:174:70W:0:06, h26km, 3km, ML4.4, mb4.6/30(NEIC)

ISCJB 12 00:05:14.6:0.3, 51:83Nk:104:174:73W:0:02, h58km, 2km, mb4.6/45, MS3.9/35, Error ellipse: s-maj=6.0km s-min=2.3km az=171.3

IDC 12 00:05:14.5:2.8, 51:73Nk:174:73W, h48km, 26km, mb4.0/33, mb1 4.2/36, mb1mx4.1/59, mbtmp4.3/36, ML4.3/33, MS3.8/32, Ms1 3.8/32, ms1mx3.7/47, Error ellipse: s-maj=16.8km s-min=9.8km az=177.0

ISC 12 00:05:15.4:1.0, 51:71Nk:107:174:77W:0:03, h51km, 8km, n765, c088/711, mb4.6/195, MS3.9/36, 16C-3D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, KIRH Kiritiro Flat P, KOKL Mount Kluechev, KOSE Korovin Southe, GMSY Great Sitkin M, GSTR Great Sitkin T, GSTD Great Sitkin T, ADAD Mount Adadgadak, ADK Adak, ADK Adak, ADK Adak, KIRH Kanaga Island, KIWB Kanaga Island, KICM Kanaga Island, KIMD Kanaga Island, TAFP Tanaga Falls P, TASE Tanaga Southea, GAEAE Gareloi East, NIKH Nikolski High, NIKH Nikolski High, OKWE Okmok W'ng Wal, MCRP Makushin Crq, MCRP Makushin Rep't, MSW Makushin Switc, UNV Unalaska Valle, ZRO Akun Zero, AKUT Akun, AKSA Akun Strait, SPIA Saint Paul Is, SMLS Shemya, FALS Felse Pass, SDPT Sand Point, CHGN Chignik, CHIR Chirikof Islan, SIT Sitkinak Islan, OHAK Old Harbor, ANM Nome, SWV2 Sparrevohn, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, RSO Redoubt South, CNPM China Poot, CNPM China Poot.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLL Bradley Lake, BRLK Bradley Lake, SKT Skutumpah, SUA Susitna One, SEW Seward, PPLA Pukewille, RC01 Rabbit Creek A, PEAOB Petropavlovsk, PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, PETK Palmer, KTH Katedusha Hill, RIDG Red Dog Mine, SML Sawmill, GLI Glacier Island, IMAR Indian Mountain, HIN Hinchinbrook I.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCM Sheep Creek Mo, SCM Sheep Creek Mo, BWN Port Fidalgo, BWN Browne.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEA Nenan, NEA Ragged Mountai, RAGM.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BILL Bilibino, HMT Hamilton, HMT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDM Murphy Dome, COLA Collyer, PAX Paxson, POKR Poker Plat Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IL31, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, GLB Gilahina Butte, VRO Verde Repeater, CROM Cirque, WAX Waxell Ridge.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COLD Coldfoot, TGT Tanaq, RIDG Independent IR, MCARA McCarthy VSAT, GALM Baldy, MESA MESA, MESA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DOT Dot Lake, YAH Yahrtse, YAH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRP Porcupine Dome, ORD Orad Glacier, CTGM Chitina Glacier, SEY Seymchan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEY Seymchan, MA2 Magadan, MA2 Magadan, TOLK Toolik Lake Res, TOLK Toolik Lake Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOLK Toolik Lake Res, TOLK Toolik Lake Res, BCAR Beaver Creek A, PCA Pinnacle.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FYU Fort Yukon, BCBP Bortas Point, BCMP Bortas Point, BMAR Burnt Mountain, DHAK Deception Hill.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HYT Haines Junction, SKG Skagway, BESE Bessie Mountain, BESE.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIDW Midway, WHY Whitehorse, EPYK Eagle Plains, EPYK Eagle Plains.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAK Wrangell Isan, DAW Dawson Inlet, DIB Dawson Inlet, INK Inuvik.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, YSS Yukon-Sakhalin.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBB Bella Bella, BBB Bella Bella, BBB Bella Bella, ASAJ Asahikawa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERM Erimo, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, D03D Dard.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKR8 Yellowknife Ar.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like B05A Bryant, KLR Kul'dur, KLR Kul'dur, KLR Kul'dur.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like D05A Dnunclaw, D05A Dnunclaw, LON Longmire, F04A Amboy, F04A Amboy.

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

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like H112WAKE ISLAND, H113WAKE ISLAND, H111WAKE ISLAND, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like GSC Goldstone, MPU Maple Canyon, SHPR Sheep Range, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like L40A Anamosa, L40A Anamosa, I42A Draeger Farm, etc.

12d 2h

158A	baz=139	PcP	PcP	02 19 24.2 +0.5	
356A	baz=139 Blackshear comp=Z,134,SNR=29	27.44 321	P	P	02 16 08.2 +1.1
LPZA	baz=139 La Paz comp=Z,204nm,0.7s, baz=4.0,slow=8.0,SNR=345	27.56 192	P	P	02 16 11.3 +2.3
LPZA	LR				02 28 06.5
LPZA	comp=Z,19um,21.3s, baz=8.5,slow=9.6	27.56 192	P	P	02 16 10.8 +1.8
LPZA	LR				
LPZA	comp=Z,310nm,1.0s	27.56 192	eP	P	02 16 11.4 +2.4
LPZA	La Paz	27.56 192	P	P	02 16 10.8 +1.8
LPZA	IAMB		IAMB		02 16 13.2
Z58A	comp=Z,310nm,0.9s	27.57 327	P	P	02 16 09.3 +1.1
Z58A	baz=140,SNR=57		P	P	02 16 31.3 +4.2
Z58A	baz=140		P	P	02 16 09.3 +1.1
NHSC	baz=139,SNR=58	27.59 326	P	P	02 16 09.6 +1.1
NHSC	baz=139		P	P	02 16 32.2 +4.9
NHSC	baz=139		PcP	PcP	02 19 24.5 +0.2
Y59A	baz=139	27.59 329	P	P	02 16 09.6 +1.1
Y59A	baz=143,SNR=68		P	P	02 16 31.4 +4.1
Y59A	baz=143		PcP	PcP	02 19 24.1 -0.2
455A	baz=143	27.61 319	P	P	02 16 10.1 +1.4
455A	baz=131		P	P	02 16 31.2 +3.7
455A	baz=131		PcP	PcP	02 19 24.3 -0.2
X60A	baz=131 Albert Glenn T baz=145,SNR=31	27.63 331	P	P	02 16 09.3 +0.6
X60A	baz=145		PcP	PcP	02 19 24.5 +0.1
W61A	baz=145 Ground Anchor baz=148,SNR=8.3	27.68 333	P	P	02 16 09.7 +0.6
W61A	baz=148		PcP	PcP	02 19 25.1 +0.6
157A	baz=148 Early Branch baz=137,SNR=30	27.73 324	P	P	02 16 10.8 +1.1
157A	baz=137		P	P	02 16 32.8 +4.2
157A	baz=137		PcP	PcP	02 19 25.1 +0.4
256A	baz=137 Glennville baz=135,SNR=33	27.75 322	P	P	02 16 10.8 +0.9
256A	baz=135		P	P	02 19 33.2 +4.4
256A	baz=135		PcP	PcP	02 19 25.0 +0.3
APG	baz=135 El Apozote comp=Z,119nm,0.8s, baz=118,slow=7.0,SNR=41	27.75 282	P	P	02 16 11.3 +0.9
W60A	baz=146,SNR=89	27.89 332	P	P	02 16 12.0 +0.9
W60A	baz=146		PcP	PcP	02 19 25.5 +0.5
355A	baz=146 Pearson baz=133,SNR=14	27.90 320	P	P	02 16 12.6 +1.4
X59A	baz=144 McDuffie Farm, baz=144,SNR=27	27.92 330	P	P	02 16 12.4 +0.9
X59A	baz=144		P	P	02 16 34.2 +3.8
X59A	baz=144		PcP	PcP	02 19 25.1 -0.1
Y58A	baz=144 Scranton baz=141,SNR=25	27.93 328	P	P	02 16 12.4 +0.9
Y58A	baz=141		P	P	02 16 34.5 +4.1
Y58A	baz=141		PcP	PcP	02 19 25.9 +0.7
Y58A	baz=141		IAMB	IAMB	02 17 10.3
454A	baz=141 Scranton comp=Z,396nm,0.7s	27.93 328	IAMB	IAMB	02 17 10.3
454A	Qulman baz=130,SNR=23	27.99 318	P	P	02 16 13.3 +1.3
156A	baz=137,SNR=39	28.00 324	P	P	02 16 13.2 +1.1
156A	baz=137		P	P	02 16 35.1 +4.1
V61A	baz=144 Roper baz=149,SNR=6.4	28.02 335	P	P	02 16 12.5 +0.3
V61A	baz=149		IAMB	IAMB	02 17 00.6
Z57A	baz=149 Roper comp=Z,353nm,0.6s	28.02 326	P	P	02 16 13.1 +0.8
Z57A	baz=139		P	P	02 16 34.4 +3.1
Z57A	baz=139		PcP	PcP	02 19 25.6 +0.2
255A	baz=139 Hazlehurst baz=134	28.07 321	P	P	02 16 13.8 +1.1
255A	baz=134		P	P	02 16 36.0 +4.4
255A	baz=134 Hazlehurst comp=Z,708nm,1.4s	28.07 321	IAMB	IAMB	02 16 15.6
CNNC	baz=146 Cliffs of the baz=146,SNR=23	28.13 332	P	P	02 16 14.0 +0.8
CNNC	baz=146		P	P	02 16 35.7 +3.6
553A	baz=146 Crawfordville baz=128,SNR=17	28.19 316	P	P	02 16 15.5 +1.7
553A	baz=128		P	P	02 16 36.4 +3.6
553A	baz=128		PcP	PcP	02 19 26.0 +0.1
X58A	baz=128 Rowland baz=143,SNR=36	28.27 329	P	P	02 16 15.4 +0.9
X58A	baz=143		P	P	02 16 37.2 +3.7
X58A	baz=143		PcP	PcP	02 19 26.7 +0.7
X58A	baz=143 Rowland comp=Z,366nm,1.1s	28.27 329	IAMB	IAMB	02 16 17.1
V60A	baz=143,SNR=52	28.29 334	P	P	02 16 15.3 +0.7
V60A	baz=143,SNR=52	28.29 334	IAMB	IAMB	02 17 16.9
W59A	baz=143 Clinton baz=145,SNR=20	28.33 331	P	P	02 16 15.9 +0.9
W59A	baz=145		P	P	02 16 37.4 +3.5
W59A	baz=145		PcP	PcP	02 19 26.3 +0.2
Y57A	baz=145 Sumter baz=140,SNR=70	28.40 327	P	P	02 16 16.7 +1.0
Y57A	baz=140		P	P	02 16 38.4 +3.8
Y57A	baz=140		PcP	PcP	02 19 26.1 -0.2
Z56A	baz=140 Williston baz=138,SNR=37	28.41 325	P	P	02 16 16.8 +1.0
Z56A	baz=138		P	P	02 16 38.6 +3.9
Z56A	baz=138 Williston comp=Z,713nm,0.9s	28.41 325	IAMB	IAMB	02 16 40.8
U61A	baz=138 Possum Corner baz=150,SNR=7.7	28.43 336	P	P	02 16 16.3 +0.4
U61A	baz=150,SNR=7.7	28.43 336	IAMB	IAMB	02 17 13.8
TIGA	baz=132,SNR=34	28.43 319	P	P	02 16 17.2 +1.2
TIGA	baz=132		PcP	PcP	02 19 26.7 +0.2
TIGA	baz=132	28.43 319	P	P	02 16 15.9 -0.1
TIGA	baz=132		IAMB	IAMB	02 16 42.6
453A	baz=132 Whigham baz=130,SNR=19	28.53 318	P	P	02 16 18.3 +1.4
453A	baz=130		P	P	02 16 40.1 +4.3
155A	baz=130 Kite baz=135,SNR=35	28.55 323	P	P	02 16 18.2 +1.2
155A	baz=135		P	P	02 16 40.0 +4.1
155A	baz=135		PcP	PcP	02 19 26.9 +0.2
254A	baz=135 Abbeville baz=133,SNR=45	28.58 320	P	P	02 16 18.5 +1.2
254A	baz=133		P	P	02 16 39.9 +3.6
X57A	baz=133 Johnson Farm, baz=140,SNR=70	28.59 328	P	P	02 16 18.1 +0.8

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X57A	baz=141,SNR=38	pP	pP	02 16 40.0 +3.8	
X57A	baz=141	PcP	PcP	02 19 26.9 +0.2	
W58A	baz=141 Raeford baz=143,SNR=133	28.59 330	P	P	02 16 18.3 +1.0
W58A	baz=143		P	P	02 16 39.3 +3.0
W58A	baz=143		PcP	PcP	02 19 26.6 -0.2
Y56A	baz=143 Pelion baz=138,SNR=26	28.72 326	P	P	02 16 19.5 +0.9
Y56A	baz=138		P	P	02 16 40.9 +3.4
V59A	baz=146,SNR=40	28.73 332	P	P	02 16 19.1 +0.5
V59A	baz=146		P	P	02 16 39.3 +1.8
V59A	baz=146		PcP	PcP	02 19 27.5 +0.4
Z55A	baz=146 Blythe baz=136,SNR=12	28.78 324	P	P	02 16 19.9 +0.9
Z55A	baz=136		P	P	02 16 42.2 +4.2
353A	baz=136 Camilla baz=130,SNR=33	28.78 318	P	P	02 16 20.1 +1.0
353A	baz=130		PcP	PcP	02 19 28.0 +0.6
U60A	baz=149,SNR=45	28.84 335	P	P	02 16 20.1 +0.5
U60A	baz=149		P	P	02 16 40.4 +1.9
BIRD	baz=149 Birdtown, Kers comp=Z,786nm,1.4s	28.92 328	IAMB	IAMB	02 16 22.9
154A	baz=134,SNR=18	28.93 322	P	P	02 16 21.4 +1.0
154A	baz=134		PcP	PcP	02 19 27.4 -0.3
154A	baz=134 Montrose comp=Z,385nm,1.2s	28.93 322	IAMB	IAMB	02 17 02.7
U59A	baz=147,SNR=29	29.01 334	P	P	02 16 21.4 +0.3
U59A	baz=147		P	P	02 16 42.8 +2.7
U59A	baz=147 Littleton baz=142,SNR=86	29.01 334	P	P	02 16 20.6 -0.5
W57A	baz=142	29.07 329	P	P	02 16 22.3 +0.7
W57A	baz=142		P	P	02 16 43.3 +2.7
W57A	baz=142		PcP	PcP	02 19 28.4 +0.4
W57A	baz=142 Gilead comp=Z,328nm,1.0s	29.07 329	IAMB	IAMB	02 16 24.1
X56A	baz=140,SNR=65	29.10 327	P	P	02 16 22.7 +0.8
X56A	baz=140		P	P	02 16 43.4 +2.5
X56A	baz=140		PcP	PcP	02 19 27.2 -0.9
Y55A	baz=138,SNR=115	29.14 325	P	P	02 16 23.1 +0.8
Y55A	baz=138		P	P	02 16 44.1 +2.9
Y55A	baz=138		PcP	PcP	02 19 27.3 -0.9
V58A	baz=138 Windy Hill, Pi baz=144,SNR=71	29.16 331	P	P	02 16 23.0 +0.6
V58A	baz=144		P	P	02 16 43.9 +2.5
V58A	baz=144		PcP	PcP	02 19 27.8 -0.4
V58A	baz=144 Windy Hill, Pi comp=Z,481nm,1.4s	29.16 331	IAMB	IAMB	02 16 24.8
253A	baz=132,SNR=59	29.19 320	P	P	02 16 23.7 +1.0
253A	baz=132		P	P	02 16 44.7 +3.0
253A	baz=132		PcP	PcP	02 19 27.7 -0.7
253A	baz=132 Americus comp=Z,343nm,1.4s	29.19 320	IAMB	IAMB	02 16 25.4
Z54A	baz=135,SNR=50	29.20 323	P	P	02 16 23.7 +0.9
Z54A	baz=135		P	P	02 16 45.2 +3.4
Z54A	baz=135		PcP	PcP	02 19 27.4 -1.0
T60A	baz=150	29.24 336	P	P	02 16 23.9 +0.8
T60A	baz=150		P	P	02 16 44.8 +2.7
T60A	baz=150 Surry comp=Z,374nm,0.8s	29.24 336	IAMB	IAMB	02 17 20.2
352A	baz=130,SNR=46	29.33 318	P	P	02 16 25.2 +1.2
352A	baz=130		PcP	PcP	02 19 28.2 -0.5
352A	baz=130 Blakely comp=Z,473nm,1.2s	29.33 318	IAMB	IAMB	02 16 26.9
451A	baz=127,SNR=36	29.35 316	P	P	02 16 25.7 +1.6
451A	baz=127		P	P	02 16 46.9 +3.8
451A	baz=127 Vernon comp=Z,921nm,1.4s	29.35 316	IAMB	IAMB	02 16 27.4
W56A	baz=141,SNR=59	29.36 328	P	P	02 16 24.9 +0.7
W56A	baz=141		P	P	02 16 45.7 +2.5
W56A	baz=141		PcP	PcP	02 19 28.3 -0.5
U58A	baz=141 Oxford baz=146,SNR=47	29.39 333	P	P	02 16 25.0 +0.6
U58A	baz=146		P	P	02 16 45.9 +2.5
U58A	baz=146		PcP	PcP	02 19 29.0 +0.2
153A	baz=146 Fort Valley baz=133,SNR=18	29.40 321	P	P	02 16 25.8 +1.2
153A	baz=133		P	P	02 16 46.6 +3.1
T59A	baz=148 Double "B" Far baz=148,SNR=30	29.43 335	P	P	02 16 25.2 +0.4
T59A	baz=148		P	P	02 16 46.0 +2.2
CCIG	comp=Z,468nm,1.0s	29.48 284	P	IAMB	02 16 26.1 +0.4
CCIG	baz=130,SNR=74	29.54 319	P	P	02 16 28.7
252A	baz=130		P	P	02 16 26.8 +1.0
252A	baz=130		P	P	02 16 47.4 +2.6
252A	baz=130		PcP	PcP	02 19 28.5 -0.8
V57A	baz=130 Coltrane Farms baz=143,SNR=72	29.55 330	P	P	02 16 26.3 +0.4
V57A	baz=143		P	P	02 16 46.9 +2.0
V57A	baz=143		PcP	PcP	02 19 28.9 -0.3
Y54A	baz=143 Tignall baz=136,SNR=48	29.56 324	P	P	02 16 26.8 +0.8
Y54A	baz=136		P	P	02 16 47.4 +2.5
Y54A	baz=136		PcP	PcP	02 19 28.5 -0.7
Z53A	baz=136 Monticello baz=134,SNR=115	29.67 322	P	P	02 16 27.9 +0.9
Z53A	baz=134		P	P	02 16 48.9 +2.9
GOGA	baz=134 Godfrey baz=134,SNR=51	29.70 322	P	P	02 16 28.1 +0.9
GOGA	baz=134		P	P	02 16 49.0 +2.8
GOGA	baz=134		PcP	PcP	02 19 28.8 -0.9
GOGA	baz=134 Godfrey comp=Z,225nm,1.1s	29.70 322	P	pmax	02 16 27.9 +0.7
S60A	baz=151,SNR=12	29.70 337	P	P	02 16 27.9 +0.8
S60A	baz=151		P	P	02 16 48.6 +2.4
KMSC	baz=140,SNR=70	29.76 327	P	P	02 16 28.6 +0.9
KMSC	baz=140		P	P	02 16 49.3 +2.5

KMSC	baz=140	PcP	PcP	02 19 29.0 -0.7	
KMSC	baz=140 Kings Mountain comp=Z,502nm,1.5s	29.76 327	IAMB	IAMB	02 16 30.3
R61A	baz=154 Willard baz=154	29.76 339	P	P	02 16 30.1 +2.4
PAUL	baz=154 Pauline comp=Z,430nm,1.4s	29.77 326	IAMB	IAMB	02 16 30.5
U57A	baz=145,SNR=40	29.78 332	P	P	02 16 28.4 +0.5
U57A	baz=145		P	P	02 16 49.1 +2.2
U57A	baz=145		PcP</		

557A	baz=132 Dark Hollow, R baz=147,SNR=48	30.70 334	P	P	02 16 36.5 +0.5	N62A	baz=159 Central Park	31.56 343	P	P	02 17 05.1 +2.6	P56A	baz=148	pP	pP	02 17 10.3 +2.8	
S57A	baz=147		pP	pP	02 16 57.7 +2.6	CPNY	060A Telford baz=155	31.57 341	P	P	02 16 43.8 +0.2 02 16 43.7 +0.1	P56A	baz=148	PcP	PcP	02 19 35.5 +0.4	
Q59A	baz=152 Harwood	30.71 338	P	P	02 16 35.9 -0.1	O60A	baz=155		pP	pP	02 17 05.4 +2.8	S53A	baz=141 Williams baz=141	P	P	02 16 49.7 +1.2	
Q59A	baz=152		pP	pP	02 16 57.3 +2.2	O60A	baz=155		PcP	PcP	02 19 34.4 0.0	S53A	baz=141	pP	pP	02 17 10.6 +3.0	
R58A	baz=149 Rapidan baz=149,SNR=38	30.75 335	P	P	02 16 36.9 +0.5	M64A	baz=155 Tiverton baz=163	31.58 347	P	P	02 16 43.8 +0.1	U51A	baz=137 La Follette baz=137,SNR=89	32.13 326	P	P	02 16 49.6 +1.0
R58A	baz=149		pP	pP	02 16 57.8 +2.4	M64A	baz=155		pP	pP	02 17 05.0 +2.2	U51A	baz=137	pP	pP	02 17 10.5 +2.7	
W53A	baz=149 Cullowhee baz=137,SNR=98	30.77 325	P	P	02 16 38.4 +1.5	N61A	baz=163 South Mountain baz=157,SNR=6.6	31.62 342	P	P	02 16 44.9 +0.8	U51A	baz=137	PcP	PcP	02 19 36.1 0.0	
W53A	baz=137		pP	pP	02 16 59.4 +3.5	N61A	baz=157		pP	pP	02 17 05.3 +2.2	CMIG	comp=Z,1.9nm,0.5s,baz=23,slow=7.5,SNR=27	P	P	02 16 46.7 -2.7	
W53A	baz=137		PcP	PcP	02 19 32.1 -0.5	N61A	baz=157		PcP	PcP	02 19 34.5 -0.1	CMIG	comp=Z,9.9nm,0.4s,baz=63,slow=5.2,SNR=5.4	PcP	PcP	02 19 35.5 -1.1	
X52A	baz=135 Dahlonega baz=135,SNR=43	30.79 324	P	P	02 16 37.7 +0.8	M63A	baz=162 Gales Ferry baz=162	31.63 346	P	P	02 16 44.5 +0.4	CMIG	comp=Z,7.7nm,0.8s,baz=145,slow=12,SNR=3.6	ScP	ScP	02 23 09.6 -3.5	
X52A	baz=135		pP	pP	02 16 58.6 +2.8	M63A	baz=162		pP	pP	02 17 05.1 +1.9	CMIG	comp=Z,3um,21.6s,baz=106,slow=37	LR	LR	02 30 24.5	
X52A	baz=135		PcP	PcP	02 19 32.2 -0.3	M63A	baz=162		PcP	PcP	02 19 34.3 -0.3	Q55A	baz=146 Buckhannon baz=146,SNR=22	32.22 333	P	P	02 16 51.0 +1.7
P61A	baz=135 Hammonton baz=156	30.79 341	P	P	02 16 38.6 +1.8	LRAL	baz=162 Lakeview Retre baz=129,SNR=82	31.67 318	P	P	02 16 45.8 +1.2	Q55A	baz=146	pP	pP	02 17 11.8 +3.4	
P61A	baz=156		pP	pP	02 16 58.0 +2.2	LRAL	baz=129		pP	pP	02 17 06.8 +3.1	Q55A	baz=146	PcP	PcP	02 19 36.5 +0.2	
C25B	baz=144 Chapadao do Su Natural Bridge baz=145,SNR=47	30.86 162 30.90 333	eP	P	02 16 39.4 +1.8 02 16 38.5 +0.7	LRAL	baz=129 Lakeview Retre comp=Z,228nm,1.1s	31.67 318	IAMB	IAMB	02 16 47.5	N59A	baz=155 State Game Lan baz=155,SNR=16	32.23 341	P	P	02 16 50.1 +0.7
S56A	baz=145		pP	pP	02 16 59.3 +2.5	W51A	baz=134 Cleveland baz=134,SNR=40	31.68 323	P	P	02 16 45.8 +1.1	N59A	baz=155	pP	pP	02 17 10.9 +2.4	
BLA	baz=144 Blacksburg baz=144,SNR=72	30.92 331	P	P	02 16 39.0 +1.0	W51A	baz=134		pP	pP	02 17 06.8 +3.0	V50A	baz=134	pP	pP	02 17 11.6 +2.9	
BLA	baz=144		pP	pP	02 16 59.7 +2.7	W51A	baz=134		PcP	PcP	02 19 35.1 +0.2	V50A	baz=134	PcP	PcP	02 19 35.8 -0.5	
BLA	baz=144		PcP	PcP	02 19 32.9 0.0	PAL	baz=134 Palisades baz=158,SNR=6.9	31.75 343	P	P	02 16 45.5 +0.3	M60A	baz=157 Port Jervis baz=157,SNR=14	32.25 342	P	P	02 16 50.0 +0.4
BLA	baz=144		P	P	02 16 38.2 +0.2	PAL	baz=158		pP	pP	02 16 45.0 +1.8	M60A	baz=157	pP	pP	02 17 10.7 +2.1	
BLA	comp=Z,902nm,1.5s Blacksburg	30.92 331	P	P	02 16 38.2 +0.2 02 16 40.9	PAL	baz=158		PcP	PcP	02 19 33.3 -1.6	M60A	baz=157	PcP	PcP	02 19 36.3 0.0	
BLA	comp=Z,902nm,1.5s Blacksburg	30.92 331	P	IAMB	02 16 38.2 +0.2 02 16 40.9	PAL	baz=158		PcP	PcP	02 19 33.3 -1.6	O57A	baz=151 Ambersom baz=151,SNR=57	32.26 338	P	P	02 16 50.7 +1.0
V53A	comp=Z,902nm,1.5s Saluda baz=138,SNR=123	30.95 326	P	P	02 16 39.6 +1.3	P57A	baz=150 Homestead Farm baz=150,SNR=19	31.77 337	P	P	02 16 46.5 +1.1	O57A	baz=151	pP	pP	02 17 11.7 +2.9	
V53A	baz=138		pP	pP	02 16 59.9 +2.6	P57A	baz=150		pP	pP	02 17 07.4 +2.9	O57A	baz=151	PcP	PcP	02 19 35.8 -0.5	
V53A	baz=138		IAMB	IAMB	02 16 41.4	P57A	baz=150		PcP	PcP	02 19 34.7 -0.3	KSCCT	baz=151 Kent School, K Boston College comp=Z,322nm,1.4s	32.30 344 32.32 348	IAMB	IAMB	02 17 13.7 02 16 50.5 +0.3 02 17 13.6
R57A	baz=148 Stanardsville baz=148,SNR=55	30.96 335	P	P	02 16 39.1 +0.7	YLE	comp=Z,155nm,0.8s Yale	31.77 345	P	P	02 16 46.2 +0.9 02 17 09.1	BCX	comp=Z,588nm,1.7s L62A	32.38 346	P	P	02 19 36.3 -0.1 02 16 51.1 +0.4
R57A	baz=148		pP	pP	02 16 59.9 +2.5	YLE	comp=Z,335nm,1.3s		PcP	PcP	02 19 35.2 +0.3 02 16 46.5 +0.9	BCX	comp=Z,588nm,1.7s L62A	32.40 347	IAMB	IAMB	02 17 14.4
R57A	baz=148		PcP	PcP	02 19 32.8 -0.1	YLE			PcP	PcP	02 17 07.4 +2.7	WES	baz=161 Weston comp=Z,568nm,1.7s	32.42 322	IAMB	IAMB	02 16 54.1
Y51A	baz=148 Rockmart baz=132,SNR=43	31.00 321	P	P	02 16 39.4 +0.7	U52A	baz=138 Thorn Hill baz=138,SNR=100	31.79 327	P	P	02 17 04.2 +2.7	SWET	baz=161 Sewanee comp=Z,498nm,1.5s	32.48 339	P	P	02 16 52.0 +0.4
Y51A	baz=132		pP	pP	02 16 60.0 +2.2	U52A	baz=138		pP	pP	02 16 46.9 +1.2	N58A	baz=153 Sunbury baz=153,SNR=17	32.48 339	P	P	02 16 52.0 +0.4
T55A	baz=143 Pulaski baz=143,SNR=109	31.02 331	P	P	02 16 40.1 +1.2	T53A	baz=140 Wise baz=140,SNR=152	31.79 328	P	P	02 17 07.8 +3.1	N58A	baz=153	pP	pP	02 17 13.2 +2.5	
T55A	baz=143		pP	pP	02 17 00.8 +2.9	T53A	baz=140		pP	pP	02 17 07.8 +3.1	T51A	baz=138 Gray baz=138,SNR=86	32.52 327	P	P	02 16 53.0 +1.0
RCBR	baz=143 Riachuelo	31.06 121	P	P	02 16 40.8 +1.3	L65A	baz=140 Cape Cod Natio baz=165	31.81 349	P	P	02 16 46.5 +0.8	T51A	baz=138	pP	pP	02 17 13.7 +2.6	
RCBR	comp=Z,133nm,0.9s Riachuelo	31.06 121	eP	P	02 16 40.8 +1.3	Y49A	baz=130 Blount Mountai baz=130,SNR=61	31.81 320	P	P	02 16 46.9 +1.0	T51A	baz=138	PcP	PcP	02 19 37.5 +0.4	
RCBR	comp=Z,133nm,0.9s Riachuelo	31.06 121	P	P	02 16 40.8 +1.3	Y49A	baz=130		pP	pP	02 17 07.7 +2.8	T51A	baz=138	PcP	PcP	02 19 37.5 +0.4	
GO01	baz=132 Chusmiza	31.06 193	P	P	02 16 39.6 -0.2	Y49A	comp=Z,155nm,0.8s Blount Mountai	31.81 320	IAMB	IAMB	02 16 48.5	P55A	baz=147 Reedville baz=147,SNR=36	32.53 334	P	P	02 16 53.5 +1.4
U54A	baz=140 Nelsons Funny baz=140,SNR=168	31.07 329	P	P	02 16 40.5 +1.1	S54A	baz=143 Dingess, Beckl baz=143,SNR=81	31.81 331	P	P	02 16 47.0 +1.1	P55A	baz=147	pP	pP	02 17 14.2 +3.0	
U54A	baz=140		pP	pP	02 17 01.2 +2.8	S54A	baz=143		pP	pP	02 17 08.0 +3.0	QUA2	baz=147 Belchertown	32.53 346	P	P	02 16 52.5 +0.4 02 17 14.7
U54A	comp=Z,298nm,0.6s Nelsons Funny	31.07 329	IAMB	IAMB	02 16 42.1	S54A	comp=Z,313nm,0.7s Dingess, Beckl	31.81 331	IAMB	IAMB	02 17 56.1	Q54A	comp=Z,284nm,1.6s Coxs Mills	32.54 333	P	P	02 16 53.6 +1.5
O61A	baz=156 Allentown baz=156,SNR=5.1	31.10 342	P	P	02 16 40.2 +0.8	O59A	baz=154 Robeson	31.83 340	P	P	02 16 46.6 +0.7	Q54A	baz=145 Coxs Mills baz=145,SNR=78	32.54 333	P	P	02 16 53.6 +1.5
O61A	baz=156		pP	pP	02 17 00.8 +2.3	O59A	baz=154		pP	pP	02 17 07.8 +2.8	Q54A	baz=145	pP	pP	02 17 14.4 +3.1	
O61A	baz=156		PcP	PcP	02 19 32.6 -0.5	O59A	baz=154		PcP	PcP	02 19 34.7 -0.5	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
Z50A	baz=130 Ashland baz=130,SNR=44	31.11 319	P	P	02 16 40.5 +0.8	Q56A	baz=147 Snyder Ridge, baz=147,SNR=59	31.87 335	P	P	02 16 47.5 +1.2	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
Z50A	baz=130		pP	pP	02 17 01.4 +2.6	Q56A	baz=147		pP	pP	02 17 08.7 +3.3	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
W52A	baz=130 Murphy baz=136,SNR=47	31.15 324	P	P	02 16 41.2 +1.1	Q56A	baz=147		PcP	PcP	02 19 35.4 +0.1	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
W52A	baz=136		pP	pP	02 17 02.0 +2.9	Q56A	baz=147		PcP	PcP	02 19 35.4 +0.1	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
W52A	baz=136		PcP	PcP	02 19 33.1 -0.3	Q56A	baz=147		PcP	PcP	02 19 35.4 +0.1	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
Q58A	baz=136 Fox Den Farm, baz=150,SNR=26	31.17 336	P	P	02 16 40.3 +0.2	L64A	baz=164 Middleborough baz=164	31.87 348	P	P	02 16 46.4 +0.2	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
Q58A	baz=150		pP	pP	02 17 01.2 +2.0	L64A	baz=164		pP	pP	02 17 07.2 +1.9	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
Q58A	baz=150		PcP	PcP	02 19 32.8 -0.6	L64A	baz=164		PcP	PcP	02 19 34.5 -0.7	Q54A	baz=145	PcP	PcP	02 19 36.2 -0.9	
P60A	baz=150 Greenville baz=154,SNR=7.9	31.19 340	P	P	02 16 40.5 +0.2	M62A	baz=160 Hamden baz=160	31.88 345	P	P	02 16 46.6 +0.3	X48A	baz=130 Hartselle baz=130,SNR=98	32.60 320	P	P	02 16 53.7 +1.0
P60A	baz=154		pP	pP	02 17 01.0 +1.7	M62A	baz=160		pP	pP	02 17 07.4 +2.1	X48A	baz=130	pP	pP	02 17 14.5 +2.7	
P60A	baz=154		PcP	PcP	02 19 32.7 -0.7	M62A	baz=160		PcP	PcP	02 17 07.4 +2.1	X48A	baz=130	PcP	PcP	02 19 36.5 -0.8	
P59A	baz=152 Jarrettsville baz=152,SNR=16	31.29 339	P	P	02 16 41.7 +0.5	V51A	baz=160 Loudon baz=136,SNR=69	31.90 325	P	P	02 19 34.1 -1.1	X48A	baz=130 Hartselle comp=Z,529nm,1.3s	32.60 320	IAMB	IAMB	02 16 55.4
P59A	baz=152		pP	pP	02 17 02.5 +2.2	V51A	baz=136		pP	pP	02 16 47.8 +0.9	SS2A	baz=140 Salsyerville baz=140,SNR=16	32.60 329	P	P	02 16 53.6 +1.1
P59A	baz=152		PcP	PcP	02 19 33.6 0.0	V51A	baz=136		PcP	PcP	02 17 08.7 +3.0	SS2A	baz=140	pP	pP	02 17 14.4 +2.6	
X51A	baz=152 Calhoun baz=134,SNR=24	31.33 322	P	P	02 16 42.4 +0.8	V51A	baz=136		PcP	PcP	02 19						

Q53A	baz=143	pP	pP	02 17 15.9 +2.7	T49A	comp=Z,506nm,1.4s	33.50 325	P	P	02 17 01.3 +0.8	K57A	baz=154,SNR=22	pP	pP	02 17 27.4 +2.5	
Q53A	baz=143	PcP	PcP	02 19 37.8 +0.1	T49A	baz=135		pP	pP	02 17 22.4 +2.7	H65A	baz=154		pP	02 17 06.2 +0.4	
V49A	McIlmville	P	P	02 16 55.2 +1.0	T49A	baz=135		PcP	PcP	02 19 39.8 0.0	H65A	baz=170,SNR=6.9	34.12 352	P	P	02 17 27.2 +2.2
V49A	baz=133	pP	pP	02 17 16.2 +2.8	L57A	baz=135	33.56 340	P	P	02 17 01.7 +0.7	H65A	baz=170	PcP	PcP	02 19 41.4 0.0	
V49A	baz=133	PcP	PcP	02 19 37.6 -0.3	L57A	baz=154,SNR=32		pP	pP	02 17 23.1 +2.9	M54A	Oil Creek Stat	34.15 336	P	P	02 17 06.7 +0.6
L61B	Northampton	P	P	02 16 54.6 +0.5	L57A	baz=154		PcP	PcP	02 19 40.5 +0.6	M54A	baz=149	pP	pP	02 17 28.2 +2.8	
L61B	baz=161	pP	pP	02 17 15.3 +2.1	I64A	baz=154	33.57 350	P	P	02 17 01.9 +0.9	M54A	baz=149	PcP	PcP	02 19 41.6 0.0	
L61B	baz=161	PcP	PcP	02 19 37.4 -0.2	I64A	Boothbay		pP	pP	02 17 22.5 +2.3	OXF	Oxford	34.16 318	P	P	02 17 06.6 +0.3
KSPA	Keystone Colle	IAMB	IAMB	02 17 17.5	M56A	baz=167	33.57 338	P	P	02 17 01.8 +0.6	OXF	baz=127,SNR=82	pP	pP	02 17 28.2 +2.8	
S51A	Price's Panora	P	P	02 16 55.8 +1.1	M56A	Emporium		pP	pP	02 17 23.3 +3.1	OXF	baz=127	PcP	PcP	02 19 41.1 -0.7	
S51A	baz=139	pP	pP	02 17 16.5 +2.6	M56A	baz=151		PcP	PcP	02 19 39.6 -0.4	WVT	Waverly	34.17 322	P	P	02 17 06.8 +0.4
M58A	Price's Panora	P	P	02 16 55.8 +0.8	M56A	baz=151		IAMB	IAMB	02 18 16.2	WVT	Waverly		pP	pP	02 17 28.2 +2.6
M58A	baz=154	pP	pP	02 17 16.4 +2.3	PLAL	Emporium	33.57 338	IAMB	IAMB	02 17 03.9	WVT	baz=131	PcP	PcP	02 19 40.9 -0.8	
M58A	baz=154	PcP	PcP	02 19 37.8 -0.3	PLAL	Pickwick Lake	33.59 320	IAMB	IAMB		WVT	Waverly	34.17 322	P	P	02 17 06.4 0.0
K62A	Royalston	pP	pP	02 16 55.9 +0.8	J61A	comp=Z,199nm,0.9s	33.59 346	P	P	02 17 02.1 +0.9	WVT	Waverly		pmax	pmax	
K62A	baz=162	pP	pP	02 17 16.3 +2.2	J61A	baz=182		pP	pP	02 17 22.5 +2.1	WVT	Waverly	34.17 322	P	P	02 17 06.5 0.0
K62A	baz=162	PcP	PcP	02 19 37.7 -0.2	VBMS	Vicksburg	33.60 314	P	P	02 17 02.9 +1.4	WVT	Waverly		IAMB	IAMB	02 17 08.6
K62A	baz=162	PcP	PcP	02 19 37.7 -0.2	VBMS	baz=123		pP	pP	02 17 23.9 +3.2	J59A	comp=Z,523nm,1.5s	34.19 344	P	P	02 17 06.9 +0.4
K62A	Royalston	IAMB	IAMB	02 17 18.0	VBMS	baz=123		PcP	PcP	02 19 40.4 +0.2	J59A	baz=158,SNR=14	pP	pP	02 17 28.3 +2.6	
R52A	Cattlettsburg	P	P	02 16 55.9 +0.7	K59A	Cooperstown	33.65 343	P	P	02 17 02.3 +0.5	J59A	baz=158	IAMB	IAMB	02 17 29.8	
R52A	baz=141	pP	pP	02 17 16.7 +2.4	K59A	baz=157,SNR=21		pP	pP	02 17 23.6 +2.6	WVL	Waterville	34.20 351	IAMB	IAMB	02 17 29.6
R52A	baz=141	PcP	PcP	02 19 37.8 -0.3	P52A	Corning	33.66 332	P	P	02 17 02.6 +0.7	H64A	comp=Z,347nm,1.4s	34.21 351	P	P	02 17 07.0 +0.5
P54A	Burton	P	P	02 16 56.3 +1.1	P52A	baz=143,SNR=27		pP	pP	02 17 23.8 +2.7	H64A	baz=168,SNR=6.6	pP	pP	02 17 27.7 +1.9	
P54A	baz=146	pP	pP	02 17 17.1 +2.7	P52A	baz=143		PcP	PcP	02 19 39.4 -0.8	H64A	baz=168	PcP	PcP	02 19 41.4 -0.3	
P54A	baz=146	PcP	PcP	02 19 37.8 -0.4	HAL	Halifax	33.70 358	P	P	02 17 02.5 +0.4	H64A	baz=168	PcP	PcP	02 19 41.4 -0.3	
O55A	Ligonier	P	P	02 16 56.5 +1.2	HAL	HAL		pmax	pmax		I60A	Shoreham	34.24 346	P	P	02 17 07.4 +0.6
O55A	baz=148,SNR=26	pP	pP	02 17 17.4 +2.9	HAL	comp=Z,156nm,0.9s	33.70 358	P	P	02 17 02.5 +0.4	I60A	baz=161	pP	pP	02 17 28.4 +2.4	
O55A	baz=148	PcP	PcP	02 19 37.9 -0.2	HAL	baz=156nm,0.9s		IAMB	IAMB	02 17 07.4	I60A	baz=161	PcP	PcP	02 19 41.8 +0.1	
O55A	baz=148	PcP	PcP	02 19 37.9 -0.2	R50A	comp=Z,156nm,0.9s	33.70 328	P	P	02 17 03.8 +1.6	L55A	baz=151,SNR=18	pP	pP	02 17 07.6 +0.3	
T50A	Nancy	P	P	02 16 57.9 +1.2	R50A	baz=138,SNR=141		pP	pP	02 17 24.8 +3.3	L55A	baz=151	pP	pP	02 17 29.2 +2.8	
T50A	baz=136	pP	pP	02 17 18.7 +2.9	J60A	baz=138	33.70 345	P	P	02 17 02.5 +0.2	L55A	baz=151	PcP	PcP	02 19 41.7 -0.3	
T50A	baz=136	PcP	PcP	02 19 38.9 +0.3	J60A	Lant Hill Farm	33.70 345	P	P	02 17 23.8 +2.4	O51A	Pataskala	34.29 332	P	P	02 17 08.2 +0.9
M57A	Sunshine Farm,	P	P	02 16 57.7 +1.0	O53A	New Philadelph	33.74 333	P	P	02 17 03.3 +0.7	O51A	baz=143	pP	pP	02 17 29.4 +2.8	
M57A	baz=153,SNR=36	pP	pP	02 17 18.7 +2.9	O53A	baz=145,SNR=18		pP	pP	02 17 24.5 +2.7	O51A	baz=143	PcP	PcP	02 19 41.5 -0.6	
M57A	baz=153	PcP	PcP	02 19 38.1 -0.4	O53A	baz=145		pP	pP	02 19 40.8 +0.3	LBNH	baz=143	P	P	02 17 08.0 +0.5	
M57A	baz=153	PcP	PcP	02 19 38.1 -0.4	O51A	baz=145		PcP	PcP	02 17 04.1 +1.2	LBNH	baz=163,SNR=14	pP	pP	02 19 29.2 +2.6	
M57A	baz=153	IAMB	IAMB	02 17 20.3	O51A	baz=145		pP	pP	02 17 24.9 +2.9	LBNH	baz=163	PcP	PcP	02 19 41.9 -0.1	
M57A	Sunshine Farm,	comp=Z,506nm,1.5s	33.06 339	IAMB	IAMB	02 17 20.3		P	P	02 17 03.6 +0.7	J58A	Remsen	34.31 343	P	P	02 17 08.0 +0.5
N56A	West Decatur	P	P	02 16 58.2 +0.9	M55A	Ridgway	33.77 337	P	P	02 17 25.1 +3.1	J58A	baz=157,SNR=14	pP	pP	02 17 29.6 +2.9	
N56A	baz=150	pP	pP	02 17 19.3 +3.0	M55A	baz=150		pP	pP	02 19 40.4 -0.1	J58A	baz=157	PcP	PcP	02 19 41.8 -0.3	
N56A	baz=150	PcP	PcP	02 19 38.4 -0.4	M55A	baz=150		PcP	PcP	02 19 40.3 +1.0	J58A	Remsen	34.31 343	IAMB	IAMB	02 17 31.8
K61A	Williamstown	P	P	02 16 57.8 +0.6	N54A	Moraine State	33.82 336	P	P	02 17 04.3 +1.0	T47A	Sharon Grove	34.32 323	P	P	02 17 08.3 +0.7
K61A	baz=160	pP	pP	02 17 17.6 +1.2	N54A	baz=148		pP	pP	02 17 25.7 +3.2	T47A	baz=133,SNR=107	pP	pP	02 17 29.5 +2.7	
K61A	baz=160	PcP	PcP	02 19 38.7 0.0	N54A	baz=148		PcP	PcP	02 19 40.3 -0.3	I59A	Olmsteadville	34.34 345	P	P	02 17 07.8 +0.1
L59A	Walton	P	P	02 16 58.2 +0.5	N54A	baz=148		PcP	PcP	02 17 06.2	I59A	baz=133	pP	pP	02 17 29.1 +2.2	
L59A	baz=157,SNR=12	pP	pP	02 17 19.2 +2.5	N54A	Moraine State	33.82 336	IAMB	IAMB	02 17 06.2	K56A	Middlesex	34.34 340	P	P	02 17 07.9 0.0
L59A	baz=157	PcP	PcP	02 19 38.2 -0.6	I62A	comp=Z,501nm,1.6s	33.84 348	P	P	02 17 04.0 +0.7	K56A	baz=160	pP	pP	02 17 29.1 +2.2	
Q52A	Bidwell	P	P	02 16 58.7 +0.9	I62A	Tamworth	33.84 348	P	P	02 17 24.9 +2.4	K56A	baz=153	pP	pP	02 17 29.2 +2.1	
Q52A	baz=142,SNR=61	pP	pP	02 17 19.5 +2.5	I62A	baz=164		PcP	PcP	02 19 40.5 -0.1	K56A	baz=153	pP	pP	02 17 29.2 +2.1	
Q52A	baz=142	PcP	PcP	02 19 38.2 -0.7	I62A	baz=164		PcP	PcP	02 17 27.4	K56A	baz=153	PcP	PcP	02 19 42.0 -0.2	
P53A	Whipple	P	P	02 16 58.9 +1.0	I62A	comp=Z,311nm,1.4s	33.84 348	IAMB	IAMB	02 17 27.4	H63A	New Sharon	34.36 350	P	P	02 17 08.9 +1.0
P53A	baz=144,SNR=23	pP	pP	02 17 19.9 +2.8	S49A	Springfield	33.85 326	P	P	02 17 04.5 +1.0	H63A	baz=166	pP	pP	02 17 29.8 +2.8	
P53A	baz=144	pP	pP	02 17 19.9 +2.8	S49A	baz=136,SNR=58		pP	pP	02 17 25.4 +2.7	H63A	baz=166	PcP	PcP	02 19 42.1 0.0	
P53A	Whipple	IAMB	IAMB	02 17 22.8	S49A	baz=136		PcP	PcP	02 19 40.3 -0.5	H63A	baz=166	PcP	PcP	02 19 42.1 0.0	
J63A	Stratford	33.21 348	P	02 16 58.2 +0.3	PB04	IPOC Station P	33.85 193	P	P	02 17 04.0 +0.1	GGN	Saint George	34.38 354	IAMB	IAMB	02 17 33.1
J63A	baz=164,SNR=14	pP	pP	02 17 18.7 +1.7	I63A	Otisfield	33.86 349	P	P	02 17 04.7 +1.1	N52A	McGinn's Farm,	34.41 334	P	P	02 17 09.2 +0.8
J63A	baz=164	PcP	PcP	02 19 39.4 +0.6	I63A	baz=165		pP	pP	02 17 25.2 +2.5	N52A	baz=145,SNR=38	pP	pP	02 17 30.4 +2.8	
U49A	Red Boiling Sp	P	P	02 16 59.0 +0.9	I63A	baz=165		PcP	PcP	02 19 41.1 +0.4	P50A	Jamestown	34.44 330	P	P	02 17 09.8 +1.2
U49A	baz=134	pP	pP	02 17 20.0 +2.8	LVC	Limon Verde	33.86 191	P	P	02 17 05.2 +1.0	P50A	baz=140,SNR=96	pP	pP	02 17 30.6 +2.8	
U49A	baz=134	PcP	PcP	02 19 39.2 +0.2	LVC	comp=Z,297nm,0.8s	33.86 191	eP	P	02 17 05.3 +1.0	GBN	Guysborough	34.46 1	P	P	02 17 09.3 +0.6
K60A	Five Rivers En	P	P	02 16 58.4 +0.2	LVC	Limon Verde	33.86 191	P	P	02 17 05.2 +1.0	GBN	baz=140	IAMB	IAMB	02 17 11.0	
K60A	baz=159	pP	pP	02 17 20.2 +2.9	LVC	Limon Verde		IAMB	IAMB	02 17 06.9	GBN	comp=Z,467nm,1.3s	PcP	PcP	02 19 42.7 +0.4	
K60A	baz=159	PcP	PcP	02 19 39.2 +0.3	K58A	comp=Z,297nm,0.8s	33.87 342	P	P	02 17 04.5 +0.7	ALLY	Alleghey Colle	34.46 336	IAMB	IAMB	02 17 11.2
CLTN	Cedars of Leba	IAMB	IAMB	02 17 01.3	K58A	baz=156		pP	pP	02 17 25.5 +2.7	BB19B	Bebedouro	34.47 157	eP	P	02 17 10.4 +1.3
N55A	Marion Center	P	P	02 16 59.5 +1.0	K58A	Earlville	33.87 342	IAMB	IAMB	02 17 28.0	H62A	Milan	34.47 349	P	P	02 17 09.8 +0.9
N55A	baz=149	pP	pP	02 17 20.6 +3.0	HNN	Hanover	33.87 347	IAMB	IAMB	02 17 27.7	H62A	baz=164,SNR=12	pP	pP	02 17 30.8 +2.8	
N55A	baz=149	PcP	PcP	02 19 38.9 -0.2	ACCN	Adirondack Com	33.90 345	IAMB	IAMB	02 17 27.9	M53A	WI Miller and	34.50 335	P	P	

12d 2h

G55A	baz=156,SNR=9.1	pP	pP	02 17 47.0 +1.8
B55A	baz=156	PcP	PcP	02 19 47.7 -0.6
GAT50	baz=156	Iamb	Iamb	02 17 49.3
X40A	Basin Creek Fa comp=Z,272nm,1.5s	P	P	02 17 26.0 0.0
X40A	baz=123,SNR=55	pP	pP	02 17 47.4 +2.0
X40A	baz=123	Iamb	Iamb	02 17 27.9
AAM	Basin Creek Fa comp=Z,356nm,1.6s	P	P	02 17 26.8 +0.7
AAM	Ann Arbor baz=143,SNR=30	pP	pP	02 17 48.6 +3.1
AAM	baz=143	PcP	PcP	02 19 47.7 -0.7
HKT	baz=143	pP	pP	02 17 26.3 -0.3
HKT	comp=Z,336nm,1.3s	P	P	02 17 26.3 -0.3
HKT	Hockley	Iamb	Iamb	02 17 28.4
WHAR	Woolly Hollow comp=Z,432nm,1.4s	Iamb	Iamb	02 17 26.7 0.0
I52A	Shelbne baz=150,SNR=20	pP	pP	02 17 48.1 +2.2
I52A	baz=150	PcP	PcP	02 19 48.0 -0.6
L48A	N Adams baz=142,SNR=96	pP	pP	02 17 48.4 +2.3
L48A	baz=142	PcP	PcP	02 19 48.1 -0.6
E59A	St. Maurice baz=163	pP	pP	02 17 27.0 +0.2
E59A	baz=163	pP	pP	02 17 48.5 +2.4
BANO	Bancroft baz=154,SNR=20	P	P	02 17 27.1 -0.1
BANO	baz=154	pP	pP	02 17 48.1 +1.6
BANO	baz=154	PcP	PcP	02 19 48.3 -0.5
E58A	La Victoria baz=162,SNR=14	P	P	02 17 27.5 +0.2
E58A	baz=162	pP	pP	02 17 48.7 +2.1
E58A	baz=162	PcP	PcP	02 19 47.7 -1.0
I51A	Listowel baz=148,SNR=34	P	P	02 17 27.3 -0.1
I51A	baz=148	pP	pP	02 17 48.6 +1.9
I51A	baz=148	PcP	PcP	02 19 48.2 -0.6
M47A	Cromwell baz=139,SNR=47	P	P	02 17 28.5 +0.7
M47A	baz=139	pP	pP	02 17 50.3 +3.2
M47A	baz=139	PcP	PcP	02 19 48.1 -1.0
D60A	Saint Jean D'O baz=166,SNR=8.7	P	P	02 17 28.4 +0.6
D60A	baz=166	pP	pP	02 17 49.3 +2.2
D60A	baz=166	PcP	PcP	02 19 48.2 -0.7
SFIN	Lafayette baz=136,SNR=61	P	P	02 17 28.7 +0.8
SFIN	baz=136	pP	pP	02 17 50.2 +2.9
PTGB	Pitanga comp=Z,517nm,1.4s	eP	P	02 17 30.1 +1.6
FCAR	Ozark Folk Cen comp=Z,517nm,1.4s	Iamb	Iamb	02 17 30.2
K49A	Clarkson baz=144,SNR=31	pP	pP	02 17 29.1 +0.4
K49A	baz=144	PcP	PcP	02 19 50.6 +2.6
K49A	baz=144	PcP	PcP	02 19 49.7 +0.4
SADO	Sadowa comp=Z,30nm,0.4s, baz=178,slow=7.7,SNR=60	P	P	02 17 28.1 -0.5
SADO	comp=Z,38nm,0.7s, baz=27,slow=2.4,SNR=4.2	PcP	PcP	02 19 48.6 -0.7
SADO	comp=Z,10nm,0.5s, baz=112,slow=3.7,SNR=4.3	ScP	ScP	02 23 25.2 -3.7
SADO	comp=Z,11µm,21.7s, baz=163,slow=35	LR	LR	02 31 37.2
SADO	Sadowa comp=Z,301nm,1.6s	Iamb	Iamb	02 17 28.2 -0.5
VAO	Valinhos baz=167	eP	P	02 17 31.5 +2.1
D61A	St Aubert, Com baz=167	P	P	02 17 30.0 +0.8
D61A	baz=167	pP	pP	02 17 51.0 +2.5
D61A	baz=167	PcP	PcP	02 19 49.1 -0.4
F55A	Otter Lake baz=157,SNR=7.1	P	P	02 17 29.3 -0.2
F55A	baz=157	pP	pP	02 17 50.9 +2.0
CLWO	O Collinswood baz=150,SNR=101	P	P	02 17 29.7 -0.1
CLWO	baz=150	pP	pP	02 17 51.1 +1.9
CLWO	baz=150	PcP	PcP	02 19 49.5 -0.2
G53A	Haliburton baz=153,SNR=22	P	P	02 17 29.9 0.0
G53A	baz=153	pP	pP	02 17 51.1 +1.9
G53A	baz=153	PcP	PcP	02 19 49.5 -0.2
H52A	Wyevale baz=150	P	P	02 17 29.5 -0.4
H52A	baz=150	pP	pP	02 17 51.1 +1.8
D59A	Saint-Raymond baz=164,SNR=9.9	P	P	02 17 30.4 +0.5
D59A	baz=164	pP	pP	02 17 51.4 +2.0
PEMO	Pembroke baz=155,SNR=11	P	P	02 17 30.5 0.0
PEMO	baz=155	pP	pP	02 17 51.8 +2.0
PEMO	baz=155	PcP	PcP	02 19 49.2 -0.7
G54A	Lake Saint Pet baz=154,SNR=34	P	P	02 17 30.4 -0.1
G54A	baz=154	pP	pP	02 17 51.9 +2.0
G54A	baz=154	PcP	PcP	02 19 49.0 -0.9
MIAR	Mount Ida baz=122,SNR=51	P	P	02 17 30.3 -0.5
MIAR	baz=122	pP	pP	02 17 51.6 +1.5
MIAR	baz=122	PcP	PcP	02 19 50.2 0.0
MIAR	Mount Ida comp=Z,141nm,1.2s	P	P	02 17 30.3 -0.5
MIAR	Mount Ida comp=Z,195nm,1.4s	Iamb	Iamb	02 17 32.2
BASO	Ashfield baz=147,SNR=10	P	P	02 17 31.5 +0.5
BASO	baz=147	pP	pP	02 17 52.7 +2.3
BASO	baz=147	PcP	PcP	02 19 49.9 -0.3
K48A	Perry baz=143,SNR=48	P	P	02 17 31.7 +0.4
K48A	baz=143	pP	pP	02 17 53.1 +2.4
K48A	baz=143	PcP	PcP	02 19 48.9 -1.3
J49A	Marlette baz=145,SNR=24	P	P	02 17 31.5 0.0
J49A	baz=145	pP	pP	02 17 53.0 +2.2
J49A	baz=145	PcP	PcP	02 19 49.2 -1.1

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BRCO	Bruce Peninsula baz=148,SNR=12	37.16 337	P	P	02 17 32.1 +0.2
BRCO	baz=148	pP	pP	pP	02 17 53.5 +2.2
BRCO	baz=148	PcP	PcP	PcP	02 19 50.0 -0.5
SPB	Sao Paulo baz=159,SNR=19	37.18 157	eP	P	02 17 33.9 +1.7
E56A	Sao Paulo baz=159,SNR=19	37.18 157	P	P	02 17 34.1 +1.9
E56A	baz=159	pP	pP	pP	02 17 31.7 -0.4
E56A	baz=159	pP	pP	pP	02 17 53.1 +1.6
D58A	Chemin du LacG baz=163,SNR=20	37.23 348	P	P	02 17 32.6 +0.1
D58A	baz=163	pP	pP	pP	02 17 53.9 +2.1
D58A	baz=163	PcP	PcP	PcP	02 19 50.0 -0.6
CPUP	Villa Florida comp=Z,23nm,0.6s, baz=326,slow=7.9,SNR=253	37.26 173	P	P	02 17 33.6 +0.7
CPUP	comp=Z,23nm,0.6s, baz=326,slow=7.9,SNR=253	PcP	PcP	PcP	02 19 52.6 +1.7
CPUP	comp=Z,13nm,0.9s, baz=42,slow=4.9,SNR=3.1	ScP	ScP	ScP	02 23 30.9 -0.1
CPUP	comp=Z,13nm,0.9s, baz=42,slow=4.9,SNR=3.1	LR	LR	LR	02 33 37.4
CPUP	Villa Florida comp=Z,8µm,20.8s, baz=358,slow=37	37.26 173	P	P	02 17 33.4 +0.5
CPUP	comp=Z,8µm,20.8s, baz=358,slow=37	Iamb	Iamb	Iamb	02 17 35.3
SLM	Saint Louis comp=Z,225nm,1.2s	37.26 323	Iamb	Iamb	02 17 34.3
O44A	Mansfield baz=134,SNR=229	37.27 326	P	P	02 17 33.6 +0.7
O44A	baz=134	pP	pP	pP	02 17 54.6 +2.4
O44A	baz=134	PcP	PcP	PcP	02 19 50.4 -0.5
J48A	Bridge Port baz=144,SNR=22	37.34 334	P	P	02 17 33.6 +0.2
J48A	baz=144	pP	pP	pP	02 17 55.2 +2.4
J48A	baz=144	PcP	PcP	PcP	02 19 50.3 -0.7
J48A	Bridge Port comp=Z,17nm,1.3s	37.34 334	Iamb	Iamb	02 17 57.7
E55A	Montcer-Lytto baz=157,SNR=10	37.38 344	P	P	02 17 33.7 +0.1
E55A	baz=157	pP	pP	pP	02 17 55.0 +2.0
E55A	baz=157	PcP	PcP	PcP	02 19 50.2 -0.8
BMRO	Meriville Lake baz=148,SNR=9.8	37.38 338	P	P	02 17 33.5 -0.2
BMRO	baz=148	pP	pP	pP	02 17 54.9 +1.9
BMRO	baz=148	PcP	PcP	PcP	02 19 50.8 -0.2
K47A	Vermontville baz=141,SNR=80	37.38 332	P	P	02 17 34.1 +0.3
K47A	baz=141	pP	pP	pP	02 17 55.3 +2.2
K47A	baz=141	PcP	PcP	PcP	02 19 50.0 -1.2
I49A	Point Hope baz=146,SNR=13	37.46 335	P	P	02 17 34.5 +0.1
I49A	baz=146	pP	pP	pP	02 17 56.6 +2.9
BUKO	Buck Lake baz=152,SNR=26	37.47 340	P	P	02 17 34.2 -0.3
BUKO	baz=152	pP	pP	pP	02 17 55.9 +2.0
BUKO	baz=152	PcP	PcP	PcP	02 19 51.0 -0.3
LATQ	La Tuque baz=163,SNR=22	37.49 348	P	P	02 17 35.1 +0.5
LATQ	baz=163	pP	pP	pP	02 17 56.3 +2.3
LATQ	baz=163	PcP	PcP	PcP	02 19 50.6 -0.7
LATQ	La Tuque comp=Z,318nm,1.4s	37.49 348	Iamb	Iamb	02 17 58.6
ALGO	Algonquin Park baz=154,SNR=41	37.49 342	pP	pP	02 17 34.5 -0.2
ALGO	baz=154	pP	pP	pP	02 17 56.0 +2.0
ALGO	baz=154	PcP	PcP	PcP	02 19 50.7 -0.7
L46A	Eue Claire baz=139,SNR=58	37.49 330	P	P	02 17 35.1 +0.4
L46A	baz=139	pP	pP	pP	02 17 56.8 +2.7
W39A	Magazine baz=123,SNR=129	37.50 315	P	P	02 17 35.4 +0.5
W39A	baz=123	pP	pP	pP	02 17 57.1 +2.8
W39A	baz=123	PcP	PcP	PcP	02 19 51.7 0.0
W39A	Magazine comp=Z,475nm,1.2s	37.50 315	Iamb	Iamb	02 17 37.2
CCM	Cathedral Cave baz=129	37.50 321	pP	pP	02 17 34.6 -0.3
CCM	baz=129	pP	pP	pP	02 17 56.4 +2.1
CCM	baz=129	PcP	PcP	PcP	02 19 51.2 -0.4
CCM	Cathedral Cave comp=Z,697nm,1.7s	37.50 321	P	P	02 17 34.3 -0.6
CCM	Cathedral Cave comp=Z,697nm,1.7s	Pmax	Pmax	Pmax	02 19 51.6
CCM	Cathedral Cave comp=Z,697nm,1.7s	P	P	P	02 17 34.3 -0.6
P43A	Skaggs, Pawnee baz=132,SNR=249	37.51 325	P	P	02 19 51.6 -0.1
P43A	baz=132	pP	pP	pP	02 17 35.4 +0.5
P43A	baz=132	PcP	PcP	PcP	02 19 51.4 -0.2
U40A	Yellville baz=125,SNR=113	37.52 318	P	P	02 17 34.8 -0.2
U40A	baz=125	pP	pP	pP	02 17 55.9 +1.5
U40A	baz=125	PcP	PcP	PcP	02 19 51.4 -0.4
U40A	Yellville comp=Z,337nm,1.2s	37.52 318	Iamb	Iamb	02 17 36.6
MGMO	Mountain Grove comp=Z,363nm,1.4s	37.60 319	Iamb	Iamb	02 17 37.4
D56A	ZEC Mazanza, M baz=160,SNR=30	37.60 346	P	P	02 17 36.0 +0.4
D56A	baz=160	pP	pP	pP	02 17 57.0 +2.0
D56A	baz=160	PcP	PcP	PcP	02 19 51.0 -0.7
E54A	Lac Daplat, Po baz=156,SNR=34	37.67 343	P	P	02 17 35.9 -0.2
E54A	baz=156	pP	pP	pP	02 17 57.4 +1.9
E54A	baz=156	PcP	PcP	PcP	02 19 51.3 -0.6
KLBO	Killbear Provi baz=150,SNR=22	37.67 339	P	P	02 17 35.7 -0.4
KLBO	baz=150	pP	pP	pP	02 17 57.1 +1.6
KLBO	baz=150	PcP	PcP	PcP	02 19 51.3 -0.6
PARB	Paraibuna baz=159,SNR=26	37.68 154	eP	P	02 17 38.4 +1.8
D55A	Sainte-Anne-du baz=159,SNR=26	37.75 345	P	P	02 17 36.8 0.0
D55A	baz=159	pP	pP	pP	02 17 58.2 +2.0
D55A	baz=159	PcP	PcP	PcP	02 19 51.6 -0.5
J47A	Sunmer baz=142,SNR=42	37.75 333	P	P	02 17 37.3 +0.4
J47A	baz=142	pP	pP	pP	02 17 58.4 +2.1
J47A	baz=142	PcP	PcP	PcP	02 19 52.1 -0.2
F52A	Sundridge baz=152,SNR=33	37.75 340	P	P	02 17 36.6 -0.2
F52A	baz=152	pP	pP	pP	02 17 58.0 +1.7
F52A	baz=152	PcP	PcP	PcP	02 19 51.8 -0.4
VAS01	Vassoures-RJ baz=155,SNR=36	37.75 151	eP	P	02 17 38.5 +1.4
E53A	Dumoine, Ponti baz=155,SNR=36	37.76 343	P	P	02 17 36.6 -0.2
E53A	baz=155	pP	pP	pP	02 17 58.1 +1.8

E53A	baz=155	PcP	PcP	02 19 51.7 -0.5	
K46A	Dorr baz=140,SNR=69	37.76 331	P	P	02 17 37.2 +0.2
K46A	baz=140	pP	pP	pP	02 17 58.6 +2.2
K46A	baz=140	PcP	PcP	PcP	02 19 51.5 -0.8
ALF01	Guarapari-ES baz=134,SNR=81	37.78 146	eP	P	02 17 38.5 +1.2
SACV	Santiago Islan Midewin, Midew	37.91 80	P	P	02 17 39.3 +0.7
M44A	Midewin, Midew baz=136,SNR=64	37.92 328	P	P	02 17 38.6 +0.3
M44A	baz=136	pP	pP	pP	02 17 59.9 +2.2
M44A	baz=136	PcP	PcP	PcP	02 19 53.2 +0.3
E52A	Mattawa baz=153,SNR=8.2	37.97 341	P	P	02 17 38.3 -0.4

K43A	Burlington	39.02 329	P	P	02 17 47.6 +0.1
K43A	baz=137,SNR=38		pP	pP	02 18 09.2 +2.2
ITAB	Concordia	39.11 166	eP	P	02 17 50.2 +1.8
D50A	G1974 Best Tow	39.13 341	P	P	02 17 48.4 0.0
D50A	baz=152		pP	pP	02 18 09.6 +1.7
D50A	baz=152		PcP	PcP	02 19 56.1 -0.4
TUL1	Leonard	39.27 315	P	P	02 17 49.1 -0.7
TUL1	baz=121,SNR=113		pP	pP	02 18 11.0 +1.7
VLD0	Val d'Or	39.28 344	IAMB	IAMB	02 18 14.2
E48A	Lockeey	39.33 338	P	P	02 17 50.3 +0.2
E48A	baz=148,SNR=74		pP	pP	02 18 12.3 +2.7
H45A	Beulah	39.38 333	P	P	02 17 50.8 +0.3
H45A	baz=142,SNR=32		pP	pP	02 18 12.7 +2.7
G46A	Petoskey	39.42 335	P	P	02 17 51.0 +0.2
G46A	baz=144,SNR=11		pP	pP	02 18 13.1 +2.8
G46A	baz=144		PcP	PcP	02 19 57.3 -0.2
G45A	Suttons Bay	39.54 334	P	P	02 17 51.1 +0.3
G45A	baz=142,SNR=13		pP	pP	02 18 14.3 +2.9
G45A	baz=142		IAMB	IAMB	02 17 56.8
G45A	Suttons Bay	39.54 334	IAMB	IAMB	02 17 56.8
E47A	Iron Bridge	39.72 337	P	P	02 17 53.4 +0.1
E47A	baz=147,SNR=29		pP	pP	02 18 15.5 +2.7
E47A	baz=147		PcP	PcP	02 19 57.7 -0.7
JCT	Junction City	39.90 305	P	P	02 17 55.1 -0.1
JCT	baz=111,SNR=146		pP	pP	02 18 17.1 +2.4
F45A	CMU Biological	39.99 335	P	P	02 17 56.1 +0.5
F45A	baz=143,SNR=14		pP	pP	02 18 18.0 +2.9
F45A	baz=143		PcP	PcP	02 19 58.7 -0.5
LSQ0	Lebel-sur-Quev	40.02 345	P	P	02 17 55.5 -0.3
LSQ0	baz=157		pP	pP	02 18 17.1 +1.8
LSQ0	baz=157		PcP	PcP	02 19 58.5 -0.8
E46A	Sault Ste Mari	40.05 336	P	P	02 17 56.3 +0.3
E46A	baz=145,SNR=24		pP	pP	02 18 18.3 +2.7
E46A	baz=145		PcP	PcP	02 19 58.7 -0.7
E46A	baz=145		IAMB	IAMB	02 18 20.4
H43A	Sault Ste Mari	40.05 336	IAMB	IAMB	02 18 20.4
H43A	Windsept Lux	40.06 331	P	P	02 17 56.4 +0.3
H43A	baz=139,SNR=50		pP	pP	02 18 18.7 +3.0
H43A	baz=139		PcP	PcP	02 19 59.1 -0.4
X34A	Smith Ranch, M	40.09 312	P	P	02 17 56.1 -0.4
L40A	Anamosa	40.09 326	P	P	02 17 56.1 -0.3
L40A	baz=132,SNR=135		pP	pP	02 18 17.9 +1.9
JFWS	Jewell Farm	40.16 328	P	P	02 17 56.8 -0.3
JFWS	baz=134,SNR=141		pP	pP	02 18 19.1 +2.5
JFWS	baz=134		PcP	PcP	02 19 59.4 -0.4
JFWS	Jewell Farm	40.16 328	P	P	02 17 56.7 -0.3
JFWS	comp=Z,395nm,0.6s		pmax	pmax	
JFWS	Jewell Farm	40.16 328	P	P	02 17 56.7 -0.3
D47A	Chapleau	40.16 338	P	P	02 17 56.9 -0.1
D47A	baz=147,SNR=22		pP	pP	02 18 18.7 +2.2
D47A	baz=147		PcP	PcP	02 19 58.7 -1.1
I42A	Draeger Farm,	40.18 330	P	P	02 17 57.1 0.0
I42A	baz=137,SNR=70		pP	pP	02 18 19.0 +2.3
I42A	baz=137		PcP	PcP	02 19 59.8 -0.1
ZAIG	Zacatecas	40.20 292	P	P	02 17 58.6 +0.6
CHGQ	Chibougamau	40.22 348	P	P	02 17 57.4 0.0
CHGQ	baz=161		pP	pP	02 18 19.3 +2.3
CHGQ	baz=161		PcP	PcP	02 19 59.4 -0.6
D46A	Sault Ste. Mari	40.38 337	P	P	02 17 58.5 -0.2
D46A	baz=146,SNR=26		pP	pP	02 18 20.6 +2.3
D46A	baz=146		PcP	PcP	02 19 59.9 -0.6
ABTX	Ablene, Hawle	40.60 308	P	P	02 18 00.6 -0.2
ABTX	baz=114,SNR=407		pP	pP	02 18 22.7 +2.3
I41A	Arkdale	40.77 329	P	P	02 18 01.9 -0.2
I41A	baz=136,SNR=47		pP	pP	02 18 23.8 +2.2
MAT0	Matagami	40.83 345	P	P	02 18 02.3 -0.2
MAT0	baz=157,SNR=22		pP	pP	02 18 23.9 +1.8
MAT0	baz=157		PcP	PcP	02 20 01.5 -0.4
WMOK	Wichita Mounta	40.84 312	P	P	02 18 01.5 -1.3
WMOK	baz=117,SNR=133		pP	pP	02 18 23.4 +1.0
WMOK	baz=117		P	P	02 18 01.1 -1.7
WMOK	Wichita Mounta	40.84 312	P	P	02 18 01.1 -1.7
WMOK	comp=Z,257nm,1.3s		IAMB	IAMB	02 18 01.1 -1.7
E44A	Grand Marais A	40.91 335	P	P	02 18 03.9 +0.8
E44A	baz=143,SNR=22		pP	pP	02 18 25.8 +3.0
E44A	baz=143		PcP	PcP	02 20 02.9 +0.7
SCIA	State Center	41.11 324	P	P	02 18 05.0 +0.1
SCIA	baz=130,SNR=79		pP	pP	02 18 27.1 +2.7
SCIA	baz=130		P	P	02 18 04.5 -0.4
SCIA	Rosais	41.15 42	IAMB	IAMB	02 18 18.1
E43A	Lone Tree Farm	41.17 334	P	P	02 18 05.4 +0.1
E43A	baz=142,SNR=24		pP	pP	02 18 27.8 +2.9
E43A	baz=142		IAMB	IAMB	02 18 29.6
F42A	Maple Grove Fa	41.20 332	P	P	02 18 07.5 +0.2
F42A	baz=140,SNR=36		pP	pP	02 18 27.6 +2.4
KSU1	Kansas State U	41.52 319	P	P	02 18 06.8 -1.5
KSU1	baz=123,SNR=39		pP	pP	02 18 28.9 +1.0
KSU1	baz=123		PcP	PcP	02 20 03.6 -0.8
GO04	Tololo Observa	41.58 191	P	P	02 18 09.3 +0.2
GO04			IAMB	IAMB	02 18 11.2

ADH	Angra Heroismo	41.78 42	eP	P	02 18 12.1 +1.8
G40A	Rib Lake	41.81 330	P	P	02 18 10.3 -0.2
G40A	baz=136,SNR=41		pP	pP	02 18 32.3 +2.1
G40A	baz=136		PcP	PcP	02 20 04.9 -0.3
G40A	baz=136		IAMB	IAMB	02 18 34.7
PSCM	Serra do Cume	41.88 42	eP	P	02 18 13.3 +2.1
COWI	Conover	41.92 332	IAMB	IAMB	02 18 35.8
G39A	Holcombe	42.30 330	P	P	02 18 14.2 -0.3
G39A	baz=135,SNR=107		pP	pP	02 18 36.2 +2.0
PSET	Sete Cidades	42.37 44	eP	P	02 18 17.3 +2.0
PDA	Santa Delgada	42.38 45	eP	P	02 18 17.2 +2.0
PSMA	Ponta Maria	42.38 46	eP	P	02 18 15.6 +0.3
D41A	Chassel	42.39 333	P	P	02 18 15.5 +0.3
D41A	baz=140,SNR=19		pP	pP	02 18 37.2 +2.4
D41A	baz=140		PcP	PcP	02 20 07.0 0.0
PSMN	Pico do Norte,	42.43 46	eP	P	02 18 16.9 +1.2
GRON	Grota Negra	42.48 45	eP	P	02 18 18.5 +2.4
CMLA	Cha da Macela	42.48 45	eP	P	02 18 18.0 +1.9
CMLA	Cha da Macela	42.48 45	iP	P	02 18 19.0 +2.9
CMLA	Cha da Macela	42.48 45	P	P	02 18 17.9 +1.9
TXAR	Lajitas Array	42.71 302	P	P	02 18 17.1 0.0
TXAR	comp=Z,30nm,0.6s,baz=116,slow=9.0,SNR=219		pP	pP	02 18 38.2 +0.3
TXAR	comp=Z,16nm,0.6s,baz=118,slow=10.0,SNR=3.9		PcP	PcP	02 20 07.8 -0.8
TXAR	comp=Z,40nm,0.5s,baz=118,slow=5.3,SNR=14		ScP	ScP	02 23 51.4 -1.0
TXAR	comp=Z,9.4nm,0.7s,baz=101,slow=2.8,SNR=2.8		PKKp	PKKp	02 41 55.2 +3.2
TXAR	comp=Z,0.3nm,0.7s,baz=99,slow=0.3,SNR=3.5		P	P	02 18 17.6 -0.6
TXAR	Lajitas Array	42.71 302	P	IAMB	02 18 44.3
TXAR	Lajitas Array	42.71 302	IAMB	IAMB	02 18 44.3
BART	Pico Bartolome	42.73 45	eP	P	02 18 20.1 +1.9
AMTX	Amarillo	43.06 310	P	P	02 18 20.2 -0.7
AMTX	baz=114		pP	pP	02 18 42.2 +1.5
AMTX	baz=114		IAMB	IAMB	02 18 22.0
SPMN	Marine on St.	43.09 328	P	P	02 18 20.2 -0.6
SPMN	baz=133,SNR=30		pP	pP	02 18 41.7 +1.1
SPMN	baz=133		IAMB	IAMB	02 18 44.4
E38A	The Farm, Brul	43.43 331	P	P	02 18 22.7 -0.9
E38A	baz=136		pP	pP	02 18 44.5 +1.1
CBKS	Cedar Bluff	43.45 316	P	P	02 18 22.8 -1.1
CBKS	baz=120,SNR=24		pP	pP	02 18 45.0 +1.2
CBKS	baz=120		IAMB	IAMB	02 18 25.1
CBKS	Cedar Bluff	43.45 316	IAMB	IAMB	02 18 25.1
MSTX	Muleshoe	43.53 308	P	P	02 18 24.6 -0.2
MSTX	baz=112,SNR=325		pP	pP	02 18 46.8 +2.2
BGNE	Belgrade	43.77 320	P	P	02 18 25.0 -1.5
BGNE	baz=124,SNR=23		pP	pP	02 18 47.5 +1.2
BGNE	baz=124		IAMB	IAMB	02 18 25.1 -1.5
BGNE	Belgrade	43.77 320	P	IAMB	02 18 27.4
SCHO	Schefferville	44.03 356	P	P	02 18 28.4 +0.1
SCHO	comp=Z,720nm,1.4s		pP	pP	02 20 12.1 -0.2
SCHO	comp=Z,116nm,0.6s,baz=181,slow=6.7,SNR=51		PcP	PcP	02 23 54.5 -2.6
SCHO	comp=Z,29nm,0.5s,baz=183,slow=5.8,SNR=3.6		ScP	ScP	02 34 60.0
SCHO	comp=Z,14nm,0.8s,baz=158,slow=5.9,SNR=4.2		LR	LR	02 18 28.6 +0.2
SCHO	comp=Z,4.4um,20.8s,baz=188,slow=34		P	P	02 18 52.4
SCHO	Schefferville	44.03 356	P	IAMB	02 18 52.4
ECS0	EROS Data Cent	44.20 324	P	P	02 18 29.1 -0.8
ECS0	baz=128,SNR=111		pP	pP	02 18 51.4 +1.7
ECS0	baz=128		IAMB	IAMB	02 18 54.1
ECS0	EROS Data Cent	44.20 324	IAMB	IAMB	02 18 54.1
EYMN	Ely	44.37 332	P	P	02 18 30.1 -1.1
EYMN	baz=137,SNR=8.6		pP	pP	02 18 52.5 +1.5
PEL	Peledue	44.46 190	P	P	02 18 32.7 +0.7
PEL	baz=137		pmax	pmax	
PEL	comp=Z,303nm,1.1s		IAMB	IAMB	02 18 34.5
PEL	Peledue	44.46 190	IAMB	IAMB	02 18 34.5
MNTX	Cornudas Mount	44.82 304	P	P	02 18 35.3 +0.3
MNTX	baz=108,SNR=231		pP	pP	02 18 56.9 +2.0
MNTX	baz=108		IAMB	IAMB	02 18 37.0
MNTX	Cornudas Mount	44.82 304	IAMB	IAMB	02 18 37.0
KSCO	Kaye Shedlock	45.52 315	P	P	02 18 39.5 -1.1
KSCO	baz=117,SNR=42		pP	pP	02 19 02.0 +1.5
KSCO	baz=117		IAMB	IAMB	02 18 41.3
LPA	La Plata	45.68 175	P	P	02 18 42.4 +0.8
LPA	baz=117		eP	eP	02 18 59.3 -2.2
LPA	La Plata	45.68 175	P	P	02 20 15.8 -2.6
LPA	La Plata	45.68 175	P	P	02 21 14.0
LPA	La Plata	45.68 175	P	P	02 25 18.7 +0.1
LPA	La Plata	45.68 175	P	P	02 28 31.8 +2.0
LPA	La Plata	45.68 175	P	P	02 29 42.3
SUSD	Miller	45.98 324	P	P	02 18 43.1 -0.9
SUSD	baz=125		pP	pP	02 19 05.2 +1.3
SUSD	Miller	45.98 324	P	P	02 18 43.3 -0.7
T25A	Trinidad	46.00 312	P	P	02 18 44.2 -0.3
T25A	baz=114,SNR=116		pP	pP	02 19 06.

12d 2h

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like LAO Lasa Array, Y14A Wickenburg, NRS Narsarsuaq, etc.

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Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like PMAFR Mafrá, 109C Camp Elliot, LIS Lisbon, etc.

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Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ARVC Arvin, BLG Laguna Peak, SFJD Kangerlussuaq, etc.

Table with columns for name, time, and status. Includes entries like TLR, MANR Mangalia, BODT Bodrum, BALB Balikesir, etc.

Table with columns for name, time, and status. Includes entries like VSR, VSR, VSR, VSR, VSR, etc.

Table with columns for name, time, and status. Includes entries like GNI, GNI, GNI, GNI, GNI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Virginia City, Jordanelle, North Rim, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Warramunga Arr, Warramunga Arr, Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SGST, CHN1, CHN1, CHN3, etc.

ADC 12 02:34:28.9.1.1, 27.6N:143.02E, h0km, mb3.8/6, mb1 3.9/8, mb1mx3.6/59, mbtmp3.8/8, ML3.3/2, Error ellipse: s-maj=36.9km s-min=17.7km az=86.0

JMA 12 03:34:10.9.0.2, 23.03N:120.35E, h0km, M3.5, TAP 12 03:34:14.2, 23.07N:120.58E, h8km, ML3.5/0, h0km, 1km, ISC/JB 12 03:34:16.5.0.2, 23.06N:120.56E, 0.1, h5km, 1km, Error ellipse: s-maj=2.1km s-min=1.7km az=163.0

ISC 12 02:34:30.0.0.8, 28.73N:143.0E:0.2, h8km, 6km, mb4.1/4, ISC/JB 12 02:34:31.6.0.7, 28.77N:143.0E:0.1, h34km, mb3.9/6, Error ellipse: s-maj=16.2km s-min=5.9km az=5.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, STKA, NEIC, IDC, TRN, WCHH, PNG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, STKA, NEIC, IDC, TRN, WCHH, PNG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISC, PRK, EZN, BOZC, BOZC, STEP, CHOS, GELI, etc.

IDC 12 03:39:24.4-11.0, 2.22N-126.64E, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.7/33, mbtmp4.3/3, Error ellipse: s-maj=282.8km s-min=180.8km az=74.0, Northern Molucca Sea

ISK 12 04:08:34.8, 39.46N-26.36E, h7km, ML1.8/15 DDA 12 04:08:34.7, 39.46N-26.32E, h7km, 3km, ML2.5 ISCBJ 12 04:08:36.1-0.3, 39.47N-02.26-35E, 0.04, h18km, 6km, Error ellipse: s-maj=4.8km s-min=3.3km az=171.6 THE 12 04:06:36.1, 39.49N-26.28E, h0km, 1km, ML1.4/5, Error ellipse: s-maj=1.6km s-min=0.5km az=100.0

SKHL 12 04:09:11.9-0.4, 43.65N-148.20E, h57km, 5km, mb4.4/2 JMA 12 04:09:12.5-0.3, 43.53N-147.83E, h4km, M3.7 ISC 12 04:09:08.8-2.6, 4.33N-01:148.0E, 0.2, h2km, 20km, n11, s-19/18, East of Kuril Islands

Table with columns: ARDR, Aradan, 2.59 30, PN, Pg, 04 58 43.9 -0.3, comp=Z,5.0nm,1.2s, BVA0, Borovoye Array, 13.25 290, P, Pn, 05 01 03.4 -0.4, SATY, 36nm,0.1s, S, Sg, 05 19 28.8 -0.8

Table with columns: BVA0, Borovoye Array, 13.25 290, P, Pn, 05 01 03.4 -0.4, SATY, 36nm,0.1s, S, Sg, 05 19 28.8 -0.8

Table with columns: SATY, 36nm,0.1s, S, Sg, 05 19 28.8 -0.8, MOS 12 05:31:39.3, 0.0, 42:29N, 45:79E, h16km, MPVA3.2, DRS 12 05:31:41.6, 0.0, 42:24N, 45:83E, h13km, DDA 12 05:31:53.0, 4.1, 64N, 45:13E, h7km, 4km, ML1.8, TIF 12 05:31:39.7, 42:35N, 45:79E, h21km, 4km, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pisagua, Limon Verde, San Ignacio, Villa Florida, Atahualpa, Torodi Ar. Bea.

SOME 12 06:29:54.1, 41.78N, 84.50E, h20km
NNC 12 06:29:58.3, 3.7, 41.73N, 83.99E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=26.5km s-min=15.9km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Podgornoye, Uzynbulak, Uzb, DJR, ARX, DGS, MDO, KTBS, KST, DGS, TKM2.

SNET 12 06:39:22.1, 1.1, 13.15N, 90.39W, h14km, 3km, ML3.8
UCR 12 06:39:22.6, 1.1, 13.15N, 90.37W, h16km, 3km, MD3.6,
ML3.7

GCG 12 06:39:23.4, 0.5, 13.20N, 90.48W, h18km, 4km, MD3.9

ISC 12 06:39:20.3, 3.3, 13.10N, 0.10, 90.40W, 0.06, h6km, 18km,
n38, c0534/49, 4D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOYG, CEVE, SBL, IXC, RTR, SNJE, BOQS, SNET, LOMA, OPAM, FUG, LFRS, LBRS, NBG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NBG, PAVA, COEG, STG3, MRL, FAGO.

ISC 12 06:40:50.1, 4.8, 19.67S, 176.11W, h0km, mb4.2/3,
s-maj=1.4, 4/3, mb1mx3.9, 27, mbtmp4.2/3, Error ellipse:
s-maj=168.0km s-min=83.3km az=156.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, ASAR, VNA3, VNA2, VNA1.

KRNET 12 06:45:35.9, 0.1, 42.73N, 75.75E, h24km, mb2.1
ISC/JB 12 06:45:36.5, 0.4, 42.68N, 0.02, 75.69E, 0.02, h0km, Error
ellipse: s-maj=3.0km s-min=2.6km az=166.5

NNC 12 06:45:36.3, 0.3, 42.66N, 75.66E, h0km, mb2.9, mpv2.6,
Error ellipse: s-maj=2.4km s-min=1.2km az=164.0,
Suspected Mining explosion.

SOME 12 06:45:36.6, 42.68N, 75.67E

ISC 12 06:45:34.8, 0.8, 42.68N, 0.03, 75.65E, 0.03, h0km, n19,
c121/37, 21C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOOM, TKM2, KST, KBK, ULHL, ULHL, KZA, DGS, MTBS, IZV, AAK, AAK, UCH, UCH, USP, SGDS, SGDS, KDJ, KDJ, KTBS, KTBS, ANVS, ANVS, ARXS, ARXS.

DJA 12 07:01:22.5, 0.7, 10.5, 7, 12, 1E, h72km, 22km, M4.5/10,
m4.6/6, mB5.6/2, MLV4.4/10, Mw(mB)5.1/2
ISC 12 07:01:51.7, 2.3, 7.29S, 119.44E, h0km, mb3.4/2,
mb1 3.6/3, mb1mx3.4/35, mbtmp3.4/3, ML3.5/1, MS3.4/1,
s-maj=26.3km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKSJ, BNSI, SPST, SRBI, WRA, ASAR, STKA, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ, KRVT, WRA, ASAR, MKAR, FINES.

ISC/JB 12 07:45:50.9, 0.2, 24.04N, 0.01, 121.71E, 0.02, h31km, 1km,
Error ellipse: s-maj=2.5km s-min=1.7km az=31.5
JMA 12 07:44:50.1, 23.98N, 121.67E, h38km, 1km, M2.8
TAP 12 07:44:51.0, 24.07N, 121.66E, h33km, ML3.3, C
ISC 12 07:44:51.2, 0.9, 24.05N, 0.02, 121.68E, 0.02, h31km, 1km,
n86, c070/126, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWD, NACB, ENLB, ENLB, ETLH, ETLH, ESL, ENA, ENA, NANB, NANB, WHF, WHF, EGFH, EGFH, NNSB, NNSB, CHGB, CHGB, OWD, OWD, NNS, NNS, TWT, TWT, TDCB, TDCB, NDT, NDT, TWC, TWC, TWC, TWC, VWD, VWD, VWD, VWD, ENT, ENT, ENT, ENT, HGS, HGS, EHY, EHY, EOI, EOI, TWE, TWE, TWE, TWE, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, DPDB, DPDB, DPDB, DPDB, SLBB, SLBB, WHP, WHP, WHP, WHP, SSSL, SSSL, SSSL, SSSL, SMLT, SMLT, SMLT, SMLT, NWLT, NWLT, NWLT, NWLT, TYC, TYC, NTC, NTC, NTC, NTC, WHYT, WHYT, WHYT, WHYT, LIOB, LIOB, LIOB, LIOB, NSTT, NSTT, NSTT, NSTT, YUS, YUS.

JMA 12 08:32:41.5,0.3,33.12N;137.73E,h383km,M3.1
IDC 12 08:32:42.8,1.5,33.06N;137.84E,h363km,16km,mb3.1/6,
mb1.3/1.9,mb1mx2.9/49,mbtmp3.7/9,Error ellipse:
s-maj=37.4km s-min=18.3km az=71.0
ISC/JB 12 08:32:45.2,0.8,33.3N;0.1x137.66E;0.09,h350km,
mb3.3/6,Error ellipse: s-maj=16.7km s-min=8.5km
az=158.7

ISC 12 08:32:44.8,1.0,33.2N;0.1x137.69E;0.08,h350km,n24,
#119/27,mb3.2/6,Near South coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like TONANKAI O.B.S., TOKAI 4, JIE, JTNC, etc.

DDA 12 08:45:35.5,41.02N;43.34E,h7km,2km,ML2.7
TIF 12 08:45:35.7,41.03N;43.36E,h17km,2km
ISC 12 08:45:36.3,1.0,41.02N;0.03;43.34E;0.03,h14km,10km,
n15,#111/28,Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Bogdanovka, Akyaka, AKH, DIGO, etc.

SKHL 12 08:53:49.4,0.7,49.50N;156.80E,h58km,4km,mb4.4/2,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Severo-Kuril's, SKR, etc.

BUC 12 08:58:09.5,0.3,45.70N;26.64E,h140km,5km,ml3.5/12,
18C-22D,Error ellipse: s-maj=5.4km s-min=4.2km
az=34.0,Romania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Plostin, Bisoca, Vrincoiaia, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SULR, VOIR, CFR, etc.

ISK 12 09:01:23.4,39.66N;29.47E,h2km,ML2.1/8,Suspected
Mining explosion.
DDA 12 09:01:23.8,39.66N;29.46E,h7km,1km,ML2.7
ISC/JB 12 09:01:24.1,0.4,39.67N;0.02;29.47E;0.04,h0km,Error
ellipse: s-maj=4.2km s-min=3.5km az=165.1

ISC 12 09:01:23.8,0.9,39.70N;0.03;29.52E;0.03,h0km,n26,
#052/32,Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like TVSB, CAVI, IGD, BORA, etc.

MAN 12 09:12:37.3,10.15N;123.37E,h1km,mb3.8,ML2.6,MS2.1,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like LLP, TBP, SNPH, etc.

IDC 12 09:37:25.2,0.7,27.64N;65.87E,h0km,mb4.1/25,
mb1.4/2/27,mb1mx4.1/57,mbtmp4.1/27,ML4.3/2,MS4.0/39,
Ms1.4/0/39,ms1mx3.9/64,Error ellipse: s-maj=15.4km
s-min=13.0km az=179.0

ISC/JB 12 09:37:26.8,0.2,27.68N;0.03;65.88E;0.02,h25km,
mb4.3/52,MS4.0/41,Error ellipse: s-maj=3.8km
s-min=2.6km az=157.0

MOS 12 09:37:27.3,12.27N;64N;93E,h29km,mb4.6/27,Error
ellipse: s-maj=7.6km s-min=4.7km az=83.7

NEIC 12 09:37:27.6,2.5,27.57N;0.07;65.81E;0.08,h25km,5km,
mb4.4/44

GCMT 12 09:37:30.6,0.4,27.56N;0.02;65.94E;0.02,h26km,1km,
MW4.84, Moment Tensor Solution. s12,c14; s84,c105;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr,0.12E; Mb,-1.69E-12; Mw,1.59E-11; Mo,-0.04E-21; Mo,-1.0E-18;
Mo,-0.15E-19; Best double couple: M2,38100x10^16
NP1,202.00000; s89,00000; A,0.00000 NP2;
phi=12.00000; s86,00000; A,179.00000 Principal axes:
T 2.3330, Plg2,0000; Azm67,0000; N 0.1010,
Plg8,0000; Azm214,0000; P -2.4300, Plg2,0000;
Azm37,0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 12 09:37:28.5,0.4,27.66N;0.04;65.82E;0.04,h25km,n24,
#197/230,mb4.3/55,MS4.0/41,5C-5D,Pakistan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JASL, BHUU, WSAR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like CHCP, SHME, MDH, etc.

ASHO Ashijiah SNR=32 9.26 254 i P Pn 09 39 42.0 +1.5
ASHO Ashijiah SNR=45 9.26 254 P Pn 09 39 43.1 +2.6

ARQ Araqi SNR=43 9.44 245 P Pn 09 39 47.1 +4.2

KUDL Kunal 9.45 85 eP Pn 09 39 39.0 -4.0

NAZ Nazwa, Dubai 9.50 256 P Pn 09 41 17.9 -1.1

FAO Al Faqa, Dubai 9.63 255 P Pn 09 39 48.4 +2.3

ALNE Al Ain 9.75 251 i P Pn 09 39 50.5 +3.1

ASUD Al Ashush, Dub 9.90 255 i P Pn 09 39 52.0 +2.8

ASUD Ashijiah, Dub SNR=18 10.11 82 P Pn 09 39 53.1 +3.9

NDI New Delhi 9.90 255 eP Pn 09 39 54.0 +1.9

DHRM DHARAMSHALA 10.17 61 eP Pn 09 41 40.0 -4.6

DHRM DHRM 10.17 61 eP Pn 09 41 42.8 -3.8

SMLA Simla 10.48 68 eP Pn 09 41 50.1 -3.6

SMLA SMLA 10.48 68 eP Pn 09 41 53.2

SMLA SMLA 10.48 68 eP Pn 09 41 53.6

CHGR Chhangaron 11.32 13 Pn 09 40 08.5 -0.2

BHPL Bhopal 11.37 110 eS Pn 09 40 12.6 +3.2

BHPL Bhopal 11.37 110 eS Pn 09 42 11.0 -4.6

BHPL Bhopal 11.37 110 eS Pn 09 42 17.8

BHPL Bhopal 11.37 110 eS Pn 09 42 18.9

GHAR Garm 11.92 17 Pn 09 40 15.3 -1.7

GEYT Alibeck 12.12 330 LR LR 09 45 27.4

GEYT Alibeck 12.12 330 Pn Pn 09 40 15.4 -4.2

GYA0B ALIBECK ARRAY 12.12 330 Pn Pn 09 40 19.2 -0.4

BTK Batken 13.04 17 Pn Pn 09 40 32.6 +0.3

BTK Batken 13.04 17 Pn Pn 09 40 32.6 +0.3

KSH Kashi 14.53 33 P Pn 09 40 46.9 -5.7

KSH Kashi 14.53 33 P Pn 09 40 42.3 -6.7

KSH Kashi 14.53 33 P Pn 09 40 57.4

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

KSH Kashi 14.53 33 P Pn 09 43 21.1 -1.2

12d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BCIP Isla Barro Col, HELC Santa Helena, ROSC El Rosal, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, EAF 12 09:47:25.0, UCR 12 09:50:40.7, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PVCC comp=Z,253nm,0.8s, KRLC Kraliky, BRG Berggiesshubel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ryan, Cottonwood Cre, Warramunga Arr, Alice Springs, etc.

ISCJB 12 10:19:48.0, 3.1, 21S; 0.03x126.88E=0.03, h34km, mb4.2/8, MS3.9/1, Error ellipse: s-maj=5.0km s-min=4.6km az=150.8

DJA 12 10:19:48.0, 5.1, S; 2x12.7E, h15km, mb4.4/16, mb4.6/8, mB5.1/6, MLv4.3/16, Mw(m)B4.5/6

NEIC 12 10:19:49.6, 1.6, 1.18S; 0.06x126.86E=0.07, h35km, mb4.2/9

IDC 12 10:19:54.1, 5.1, 1.38S; 127.21E, h97km, mb3.7/5, mb1.3/7.8, mb1mx3.5/3, mbtrp4.0/8, Error ellipse: s-maj=5.6km s-min=5.5km az=83.0

ISC 12 10:19:50.3, 0.5, 1.20S; 0.04x126.92E=0.06, h34km, n50, c=283/57, mb4.2/11, Southern Molucca Sea

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

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

SJA 12 10:28:05.5, 1.1, 30.84S; 72.06W, h16km, mb4.2/17, ML3.0, MW3.2

GUC 12 10:28:08.0, 1.0, 6.31N; 0.05S; 71.75W, h18km, mb4.2/17, ML3.1

ISC 12 10:28:05.1, 1.8, 31.04S; 0.03; 71.79W, 0.06, h5km, mb1.1km, n21, c=251/36, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Combarbal, Tololo Observa, La Serena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BOAC Boac, Puerto Galera, San Jose, etc.

Table with columns: RPSI, Rantau Prapat, 24.78 246, P, Iamb, P, 10 39 08.1 +0.4, 10 39 14.3, etc.

Table with columns: YAK, Yakutsk, 48.83 51, eP, pmax, 10 42 30.5 -0.1, etc.

Table with columns: PDGK, 3.6nm,0.4s, Lg, Lg, 10 40 12.6, etc.

MAN 12 10:59:52.4, 13:53N-121:52E, h3km, mb4.0, ML2.8, MS2.4, 2C-1D, Mindoro

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

IDC 12 11:08:27.8: 1.7, 4.61S: 148.93E, h0km, mb3.9/3, mb1.4/1.5, mb1mx3.7/5.1, mbtmp4.0/5, ML1.4/1, MS3.2/6, Ms1.3/2.6, ms1mx2.8/3.0, Error ellipse: s-maj=49.2km s-min=26.4km az=147.0

ISCJB 12 11:08:31.4: 1.3, 4.85E: 0.1, 149.0E: 0.1, h33km, mb3.8/2, MS3.2/5, Error ellipse: s-maj=27.1km s-min=11.4km az=135.6

ISC 12 11:08:32.6: 1.5, 4.75S: 0.2, 149.0E: 0.2, h35km, n11, 12107, MS3.2/5, Bismarck Sea

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

SKHL 12 11:12:41.8: 0.5, 54.49N: 152.70E, h582km, 6km, mb5.1/3, mb4.5/3, msh5.2/3, msh4.7/3

MOS 12 11:12:42.5: 0.9, 54.35N: 153.37E, h617km, mb4.1/27, mb3.9/ellip: s-maj=9.6km s-min=7.1km az=101.3

ISCJB 12 11:12:42.3: 0.2, 54.40N: 0.04: 153.21E: 0.04, h600km, mb4.1/53, Error ellipse: s-maj=5.0km s-min=3.1km az=2.4

KRSC 12 11:12:43.2: 1.4, 54.24N: 154.10E, h627km, 22km, ML4.6

NEIC 12 11:12:43.9: 0.5, 54.5N: 0.1: 153.2E: 0.2, h602km, 9km, mb4.1/58

IDC 12 11:12:44.3: 0.8, 54.43N: 153.15E, h613km, 10km, mb3.3/28, mb1.3/4.3, mb1mx3.3/6.9, mbtmp4.3/33, Error ellipse: s-maj=10.2km s-min=7.2km az=160.0

ISC 12 11:12:44.9: 0.4, 54.38N: 0.06: 153.38E: 0.05, h600km, n224, 1140/251, mb4.1/70, 8C-8D, Sea of Okhotsk

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETK, KRMR, KRKR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJAR, KSRK, KSAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABKAR, CMAR, BTK, etc.

ISC 12 11:13:00.25.1.36.19N:71.33E, h73km, 34km, mb3.6/6, mb1 3.7/10, mb1mx3.3/54, mbtmp3.9/10, ML4.2/3, Error ellipse: s-maj=59.5km s-min=26.6km az=144.0, ISCJB 12 11:13:01.9.0.36.36N:0.05:71.45E:0.08, h114km, mb3.8/5, Error ellipse: s-maj=10.5km s-min=6.0km az=147.6, NNC 12 11:13:07.8.4.2.36:77N:71.37E, h139km, 62km, mb3.3, mpv3.9, Error ellipse: s-maj=38.5km s-min=29.0km az=156.0, ISC 12 11:13:03.0.4.0.36.44N:0.08:71.45E:0.08, h114km, n29, e1571/33, mb3.8/5, IC-3D, Afghanistan-Tajikistan border region

SANT Santorini	1.89	63	P	Pn	13 12 25.4 +1.9	LIT Litokhoron	4.62	352	Pn	13 13 03.8 +2.9	KOME Kolasin	7.90	339	IPh	Pn	13 13 45.2 -0.8
SANT Santorini	1.89	63	P	Pn	13 12 25.4 +1.9	IGT Igomonitsa	4.67	330	P	13 13 01.0 -0.6	KOME Kolasin	7.90	339	IPh	Pn	13 15 12.0 -2.0
SANT Santorini	1.89	63	AML	AML	13 13 07.4	IGT Igomonitsa	4.67	330	IPN	13 13 03.0 +1.4	SZH Strazhica	7.98	14	P	Pn	13 13 48.7 +1.7
SANT Santorini	1.89	63	AML	AML	13 13 09.5	KPRO Kipourio	4.70	341	P	13 13 02.7 +0.7	NKME Niksic	8.00	336	IPh	Pn	13 13 46.3 -1.0
SANT Santorini	1.89	63	IP	Pn	13 12 25.5 +1.9	FETY Fethiye	4.76	75	P	13 13 04.6 +1.8	NKME Niksic	8.00	336	IPh	Pn	13 15 14.1 -2.4
THYT Thymara	1.89	61	P	Pn	13 12 25.8 +2.3	BOZC Bozcaada	4.80	25	IP	13 13 05.7 +2.9	NKY Niksic	8.03	336	IPh	Pn	13 13 14.6 +0.9
MYLO Mytilos	1.90	316	P	Pn	13 12 22.5 -1.0	GOZM Goumarmara-Man	4.82	48	IP	13 13 06.0 +2.6	CSS Mathiatis	8.17	91	Pn	Pn	13 15 14.6 -2.6
PYL Pylos	1.93	16.1	P	Pn	13 13 16.1	OUR Ouranopolis	4.82	6	P	13 13 07.1 +3.4	CSS Mathiatis	8.17	91	Pn	Pn	13 15 15.6 -5.0
PYL Pylos	1.93	16.1	AML	AML	13 13 24.9	TAV TAVRANIZLI Tavass	4.87	65	IP	13 13 08.5 +4.2	TREB Trebinje	8.17	333	ePh	Pn	13 13 46.8 -2.8
CMBO Columbo, Santo	1.90	60	P	Pn	13 12 25.5 +1.9	AKS Akhisar	4.87	45	IP	13 13 07.5 +3.1	DBRK Dubrovnik	8.21	332	ePh	Pn	13 13 47.5 -2.6
CMBO Columbo, Santo	1.90	60	P	Pn	13 12 27.1 +2.2	FETH Fethiye	4.89	28	IP	13 13 07.1 +2.9	DBRK Dubrovnik	8.21	332	ePh	Pn	13 15 15.0 -8.4
CMBO Columbo	1.93	60	AML	AML	13 13 03.8	EZN Ezine	4.89	28	IP	13 13 07.1 +2.5	BRY Bratogost	8.26	334	ePh	Pn	13 13 48.7 -2.3
CMBO Columbo	1.93	60	AML	AML	13 13 05.5	KZN Kozani	4.94	346	P	13 13 06.3 +1.0	BRY Bratogost	8.26	334	ePh	Pn	13 13 49.1 -1.9
IOSP Ios island	1.96	52	P	Pn	13 12 26.4 +2.0	PENT Pentapolis	4.98	340	P	13 13 06.7 +0.7	BRY Bratogost	8.26	334	ePh	Pn	13 15 20.6 -2.4
IOSP Ios island	1.96	52	S	Sn	13 12 21.7 +3.9	HORT Hortiatis	5.07	358	P	13 13 07.9 +0.8	ZIMR Zimri	8.26	10	IP	Pn	13 13 54.5 +3.7
IOSP Ios island	1.96	52	P	Pn	13 12 26.1 +1.7	KSL Kastellorizon	5.08	81	P	13 13 08.4 +1.2	ZIMR Zimri	8.26	10	IP	Pn	13 13 54.5 +3.7
IOSP Ios island	1.96	52	AML	AML	13 13 06.8	KST Kastellorizon	5.08	81	P	13 13 08.4 +1.2	PRD Prad	8.27	21	IP	Pn	13 13 26.2 +0.7
DID Didima	1.98	357	P	Pn	13 12 25.6 +0.9	MANT Manisa	5.10	53	P	13 13 06.3 +0.0	AVR Avren	8.28	22	IP	Pn	13 13 55.0 +3.9
DID Didima	1.98	357	P	Pn	13 12 25.9 +1.1	SRN Sarande	5.10	329	IPN	13 13 07.0 -0.5	GULN Gulnar	8.29	83	IP	Pn	13 13 50.5 -0.7
DID Didima	1.98	357	P	Pn	13 13 10.9	THE Thessaloniki	5.11	357	P	13 13 08.1 +0.5	GULN Gulnar	8.29	83	IP	Pn	13 13 50.5 -0.7
DID Didima	1.98	357	AML	AML	13 13 12.4	THE Thessaloniki	5.11	357	P	13 13 08.4 +0.8	GULN Gulnar	8.29	83	IP	Pn	13 13 50.5 -0.7
VLD Vlachokerasia	2.01	337	P	Pn	13 12 27.1 +1.9	AKAS Kas	5.11	80	IP	13 13 09.5 +1.7	PLE Pljevlja	8.38	340	IPh	Pn	13 13 51.4 -1.1
VLD Vlachokerasia	2.01	337	P	Pn	13 12 27.9 +2.8	KULA Kula-Manisa	5.18	53	PN	13 13 12.1 +3.5	PLE Pljevlja	8.38	340	IPh	Pn	13 15 23.1 -2.7
VLD Vlachokerasia	2.01	337	AML	AML	13 13 17.4	NEST Nestorio	5.21	340	P	13 13 10.1 +0.9	RAZG Razgrad	8.42	289	P	Pn	13 15 53.9 +1.4
VLD Vlachokerasia	2.01	337	AML	AML	13 13 22.5	MATO Matrohi	5.27	161	P	13 13 08.5 -1.4	CORL Corleone	8.42	289	P	Pn	13 15 52.4 -8.0
EPID Epidauri	2.09	354	P	Pn	13 12 27.9 +1.6	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HMVD Hymettos	8.48	130	P	Pn	13 13 51.9 -2.0
ANAF Anafi Island	2.12	66	P	Pn	13 12 28.3 +1.7	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 13 52.1 -1.8
ANAF Anafi Island	2.12	66	S	Sn	13 12 55.8 +4.1	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 12 30.9 +1.5	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 12 30.0 +3.1	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 12 30.7 +1.3	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 05.5	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 25.1	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 21.0 +1.5	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 29.4 +2.5	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 29.9	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 22.5	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 22.9	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 22.6 +2.6	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ANAF Anafi Island	2.12	66	S	Sn	13 13 00.8 +3.1	SOH Sokhos	5.29	340	P	13 13 11.4 +1.3	HNAT Natron	8.48	132	P	Pn	13 15 00.0
ZKR Zakros	2.36	99	P	Pn	13 12 32.8 +2.9	SRS Serrai	5.58	2	P	13 13 15.2 +1.1	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 25.7	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 42.4	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 23.4 +2.4	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 31.3 +0.5	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 31.2 +0.6	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 32.6 +1.9	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 03.2 +4.1	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 32.4 +1.7	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 33.2 +2.0	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 32.9 +1.6	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 24.0	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 28.2	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 32.5 +1.3	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 24.0 +2.6	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 33.1 +1.6	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 33.9 +1.1	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 27.4	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 45.9	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 35.2 +1.4	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 35.3 +1.6	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 40.0	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 34.3 -0.1	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 35.8 +1.2	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 37.9	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 49.9 +0.5	KHAL Karahalli	5.66	58	IP	13 13 19.5 +4.2	HNAT Natron	8.48	132	P	Pn	13 15 18.4 -1.0
ZKR Zakros	2.36	99	P	Pn	13 13 36.8 +1.3	KHAL Karahalli	5.66	58	IP							

Table with multiple columns containing call sign, name, frequency, mode, and other technical details for various radio stations. The table is organized into several vertical sections, each starting with a call sign or name. It includes a wide variety of stations and their associated frequencies and modes.

AKBB	Malin Array Si	15.75	14	P	Pn	13 15 29.6	-2.5
AKBB	comp-Z,3um,1.3s						
AKBB	Malin Array Si	15.75	14	P	Pn	13 15 29.6	-2.5
AKBB	comp-Z,3um,1.3s						
AKBB	Malin Array Si	15.75	14	ScP	ScP	13 24 01.6	+1.6
PRU	Pruhonic	15.82	339	P	MLR	13 15 30.5	-2.6
PRU	comp-Z,355um,20.9s						
PRU	Pruhonic	15.82	339	eP	Pn	13 15 30.5	-2.6
PRU	comp-Z,355um,20.9s						
BNI	Bardonecchia	15.87	312	P	Pmax	13 15 33.6	-0.3
BNI	comp-Z,1um,1.4s						
BNI	Bardonecchia	15.87	312	P	Pn	13 15 33.6	-0.3
UPC	Upice	15.90	343	eP	Pn	13 15 33.4	-0.6
UPC	comp-Z,310um,15.4s						
UPC	Upice	15.90	343	eP	Pn	13 15 33.4	-0.6
PRA	Prague	15.93	339	eP	MLR	13 15 35.8	+1.4
PRA	comp-Z,358um,21.6s						
PRA	Prague	15.93	339	eP	Pn	13 15 35.8	+1.4
PRA	comp-Z,358um,21.6s						
CHVC	Chvalec	15.96	343	eP	Pn	13 15 29.9	-5.0
CHVC	comp-Z,289um,15.8s						
CHVC	Chvalec	15.96	343	eP	Pn	13 15 29.9	-5.0
DIX	Grande Dixence	16.01	316	P	P	13 15 41.9	+3.3
LPG	La Plagne	16.06	313	eP	Pmax	13 15 40.0	+0.8
LPG	comp-Z,271nm,0.9s						
LPL	La Plagne	16.08	313	eP	Pmax	13 15 39.3	-0.1
LPL	comp-Z,326nm,1.1s						
KSP	Ksiaz	16.14	344	eP	Pn	13 15 36.4	-0.8
KSP	comp-Z,326nm,1.1s						
KSP	Ksiaz	16.14	344	eP	Pn	13 15 36.4	-0.8
KSP	comp-Z,326nm,1.1s						
SEIN	Lac Senin/Sane	16.23	317	P	P	13 15 36.4	-2.2
ORIF	Oris-en-Rattie	16.30	310	P	Pmax	13 15 40.7	-0.9
ORIF	comp-Z,646nm,1.2s						
PVCC	Panska Ves	16.30	340	eP	MLR	13 15 38.8	-0.3
PVCC	comp-Z,306um,23.7s						
PVCC	Panska Ves	16.30	340	eP	Pn	13 15 38.8	-0.3
PVCC	comp-Z,306um,23.7s						
BEL	Belsk	16.41	354	eP	Pn	13 15 39.7	-0.8
BEL	comp-Z,306um,23.7s						
BEL	Belsk	16.41	354	eP	Pn	13 15 39.7	-0.8
BEL	comp-Z,306um,23.7s						
SLE	Schleitheim	16.49	322	P	Pmax	13 15 40.9	-0.7
SLE	comp-Z,3um,1.2s						
TKB	Novy Kostel	16.70	60	P	Pn	13 15 43.8	-0.5
NKC	Novy Kostel	16.71	335	eP	MLR	13 15 43.1	-1.2
NKC	comp-Z,278um,16.6s						
NKC	Novy Kostel	16.71	335	eP	Pn	13 15 43.1	-1.2
NKC	comp-Z,278um,16.6s						
GRF	Grafenberg Arr	16.71	332	P	Pmax	13 15 44.5	+0.2
GRF	comp-Z,5um,1.3s						
BRG	Berggiesshubel	16.79	339	iP	Pn	13 15 44.5	-0.7
BRG	comp-Z,290nm,1.4s						
BRG	Berggiesshubel	16.79	339	iP	Pn	13 15 44.5	-0.7
BRG	comp-Z,290nm,1.4s						
AKH	Akhalkalaki	16.80	64	P	Pmax	13 15 45.9	+0.2
AKH	comp-Z,2um,1.0s						
AKH	Akhalkalaki	16.80	64	P	Pn	13 15 46.4	+0.6
AKH	comp-Z,2um,1.0s						
STU	Stuttgart	16.86	326	P	Pmax	13 15 45.9	+0.2
STU	comp-Z,3um,1.6s						
STU	Stuttgart	16.86	326	P	Pn	13 15 44.3	-1.9
STU	comp-Z,3um,1.6s						
BFO	Black Forest	16.96	324	iP	Pn	13 15 47.6	+0.2
BFO	comp-Z,2um,1.0s						
BFO	Black Forest	16.96	324	iP	Pn	13 15 46.0	-1.5
BFO	comp-Z,2um,1.0s						
VIVF	Saint-Julien-I	17.02	309	eP	Pmax	13 15 51.3	+1.7
VIVF	comp-Z,344nm,1.4s						
KIV	Kislovodsk	17.05	55	iP	P	13 15 49.1	+0.4
KIV	comp-Z,2um,1.0s						
KIV	Kislovodsk	17.05	55	eP	Pn	13 15 47.7	-0.9
KIV	comp-Z,2um,1.0s						
KIV	Kislovodsk	17.05	55	eP	Sn	13 18 57.0	-0.2
KIV	comp-Z,4um,1.1s						
KIV	Kislovodsk	17.05	55	iP	IAmb	13 15 48.8	+0.2
KIV	comp-Z,205um,14.0s						
KVAR	Kislovodsk Arr	17.05	55	P	Pn	13 15 46.7	-2.0
KVAR	comp-Z,2um,1.0s						
CABF	La Chapelle	17.06	316	eP	Pn	13 15 49.1	+0.3
CABF	comp-Z,259nm,0.8s						
ONI	Oni	17.09	60	P	Pn	13 15 49.0	-0.2
KBZ	Khabaz	17.10	55	P	Pn	13 15 47.9	-1.3
KBZ	comp-Z,4.5nm,0.3s,baz=252,slow=10,SNR=82						
KBZ	Khabaz	17.10	55	P	LR	13 23 58.0	
KBZ	comp-Z,158um,20.5s,baz=270,slow=42						
SSB	Saint Sauveur	17.30	310	P	Pmax	13 15 49.1	-2.6
SSB	comp-Z,2um,1.9s						
SSB	Saint Sauveur	17.30	310	P	Pn	13 15 49.1	-2.6
SSB	comp-Z,2um,1.9s						
MOX	Moxa	17.34	334	P	Pmax	13 15 52.1	-0.1
MOX	comp-Z,845nm,1.4s						
HINF	Hinterfall	17.36	320	eP	Pmax	13 15 53.9	+0.6
HINF	comp-Z,9um,2.5s						
CLL	Colim	17.45	338	P	Pmax	13 15 51.4	-2.0
CLL	comp-Z,2um,1.0s						
CLL	Colim	17.45	338	eP	P	13 15 54.0	-0.2
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 15 56.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 15 58.3	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 16 03.4	-1.5
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 16 08.9	-2.0
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 16 13.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 16 19.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 19 12.0	-1.0
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 19 35.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 23 00.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 23 00.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 24 07.0	-1.2
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 27 44.0	+0.9
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 51 01.7	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 52 07.0	
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 54 46.0	-6.0
CLL	comp-Z,3um,1.4s						
CLL	Colim	17.45	338	eP	Pmax	13 55 14.0	-2.0
ECH	Echery	17.46	322	P	Pn	13 15 52.0	-1.7

ECH	Echery	17.46	322	P	Pn	13 15 52.0	-1.7
ECH	comp-Z,2um,1.2s						
ZEI	Tsey	17.47	59	eP	Pmax	13 15 54.2	+0.2
ZEI	comp-Z,1um,1.0s						
ZEI	Tsey	17.47	59	eP	Pmax	13 15 54.2	+0.2
ZEI	comp-Z,1um,1.0s						
GNI	Garni	17.49	68	P	MLR	13 15 52.8	-1.4
GNI	comp-Z,47um,14.0s						
GNI	Garni	17.49	68	P	LR	13 23 57.6	
GNI	comp-Z,332um,20.2s,baz=265,slow=42						
GNI	Garni	17.49	68	iP	P	13 15 54.9	0.0
GNI	SNR=167						
GNI	Garni	17.49	68	P	P	13 15 55.9	+1.0
GNI	SNR=463						
GNI	Garni	17.49	68	iP	P	13 15 54.8	-0.1
GNI	comp-Z,12um,2.5s						
GNI	Garni	17.49	68	P	Pmax	13 15 55.0	0.0
GNI	Nalchik	17.49	57	eP	P	13 15 55.5	+0.8
GNI	NCK	17.49	57	eP	Pmax	13 15 55.5	+0.8
CDF	Champ du Feu	17.53	322	eP	Pmax	13 15 56.5	+1.3
CDF	comp-Z,3um,1.0s						
TOD	Tromm	17.65	327	P	Pn	13 15 55.8	-0.2
EBNR	Beni Rached	17.71	279	P	P	13 15 50.8	-6.1
GOF	Gofitskoye	17.73	52	iP	Pmax	13 15 56.9	-0.1
GOF	comp-Z,4um,1.0s						
HAU	Haudompre	17.75	320	eP	Pn	13 15 56.1	-1.1
HAU	comp-Z,2um,1.3s						
TBLG	Delisi	17.79	63	P	Pmax	13 15 58.0	0.0
TBLG	comp-Z,2um,1.3s						
TBLG	Delisi	17.79	63	P	IAmb	13 15 58.0	0.0
TBLG	comp-Z,5um,1.6s						
SEAG	Tbilisi Sea	17.84	63	P	P	13 16 01.0	+2.4
ECHA	Ech Chlef	17.85	278	P	P	13 15 59.3	+0.6
ETRT	Tiare	17.96	276	P	P	13 16 00.2	-0.1
MTLF	Montolieu	18.08	302	P	Pmax	13 16 01.7	+0.4
MTLF	comp-Z,626nm,1.3s						
EAAN	'Ain N'Sour	18.09	278	P	Pn	13 16 02.9	+1.4
DGRG	David-gareji	18.19	64	P	Pn	13 16 04.4	+1.7
GKP	Gorka Klasztor	18.26	348	P	Pmax	13 16 02.1	-1.0
GKP	comp-Z,3um,1.1s						
GKP	Gorka Klasztor	18.26	348	eP	P	13 16 02.1	-1.0
GKP	comp-Z,3um,1.1s						
GKP	Gorka Klasztor	18.26	348	eP	S	13 19 32.4	+3.0
GKP	comp-Z,3um,1.1s						
TNS	Taurus Mts	18.26	328	P	Pn	13 19 32.4	+3.0
TNS	comp-Z,2um,1.2s						
RUE	Ruedersdorf	18.27	341	eP	IAmb	13 16 02.7	-0.5
RUE	comp-Z,2um,1.0s						
SMF	Signal de Mont	18.39	313	eP	Pn	13 16 05.9	+0.9
SMF	comp-Z,182nm,0.7s						
OJGS	Djebel Guires	18.41	277	P	Pn	13 16 06.0	+0.5
OKGL	Djebel Kef Gue	18.45	278	P	Pn	13 16 10.0	+1.2
SUU	Suwalki	18.48	360	P	Pmax	13 16 03.4	-2.1
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP	P	13 16 03.6	-2.0
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP	Sn	13 19 30.6	-1.0
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP	Sn	13 19 30.6	-1.0
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP	Sn	13 19 30.6	-1.0
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP	Sn	13 19 30.6	-1.0
SUU	comp-Z,5um,1.1s						
SUU	Suwalki	18.48	360	eP			

12d 13h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KK31 Karatay Array, JBG Jabagly, BRVK Borovoye, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCO Scoresbysund, SCO Scoresbysund, SATY Saty, etc.

J54A	Appleton	74.27	312	IAMS_20	IAMS_20	13 56 15.5
P60A	Greenville	74.30	308	P	P	13 23 26.7 +0.6
DL2	Dalian	74.31	53	P	P	13 23 25.1 -1.0
DL2				sP	PcP	13 23 41.6 +0.8
DL2				PP	PP	13 26 12.2 +0.1
DL2				sPmax	Pmax	13 32 54.2 -2.5
DL2	comp-Z,610nm,0.8s				Pmax	
DL2	comp-Z,5µm,4.9s			LR	LR	
DL2	comp-Z,10µm,21.8s			LR	LR	
DL2	comp-Z,14µm,24.3s			LR	LR	
DL2	comp-Z,31µm,26.4s			LR	LR	
TRTT	Trang	74.37	91	P	P	13 23 27.0 +0.2
O59A	Robesonia	74.38	308	P	P	13 23 27.4 +0.8
M57A	Sunshine Farm, baz=57, SNR=18	74.41	310	P	P	13 23 27.3 +0.6
M57A	Sunshine Farm, comp-Z,480nm,1.1s	74.41	310	IAMB	IAMB	13 23 51.2
M57A	Sunbury	74.43	309	P	P	13 23 27.5 +0.7
N58A	Sunbury	74.43	309	IAMB	IAMB	13 23 51.0
N58A	Sunbury	74.43	309	IAMS_20	IAMS_20	13 58 24.8
KLR	Kul'dur	74.44	40c	iP	Pmax	13 23 26.0 -0.7
KLR	comp-Z,882nm,0.9s			MLR	MLR	
TORO	Toronto-Lesli	74.50	313	P	P	13 23 29.8 +2.6
E48A	Lockeyer	74.50	316	P	P	13 23 28.7 +1.5
I53A	Kortright Cn E	74.53	313	P	P	13 23 28.9 +1.5
CLWO	Collingwood	74.59	314	P	P	13 23 28.7 +1.0
STCO	Saint Catharin	74.62	312	P	P	13 23 29.0 +1.1
K54A	Basiliok Farm	74.67	312	P	P	13 23 28.6 +0.3
D47A	Chapleau	74.69	317	P	P	13 23 29.0 +0.8
WVNY	West Valley, N	74.73	311	IAMB	IAMB	13 23 55.3
WVNY	comp-Z,576nm,1.1s			IAMS_20	IAMS_20	13 57 10.8
I52A	Shelburne	74.74	313	P	P	13 23 29.5 +0.9
SNSI	Sinabang, Aceh	74.75	98	P	P	13 23 28.6 -0.4
L55A	Hinsdale	74.75	311	P	P	13 23 29.5 +0.8
PAGS	Pennsylvania G	74.77	309	IAMS_20	IAMS_20	13 58 55.9
F49A	Sandfield	74.85	316	P	P	13 23 29.5 +0.3
TOBO	Tobermory, Bru	74.86	315	P	P	13 23 31.0 +1.8
Q60A	Greensboro	74.88	307	P	P	13 23 32.4 +2.9
Q60A	Greensboro	74.88	307	IAMS_20	IAMS_20	13 57 58.9
P59A	Jarrettsville	74.93	308	P	P	13 23 32.1 +2.3
ACTO	Acton	74.93	313	P	P	13 23 30.7 +1.0
TPTI	comp-Z,193nm,1.1s,comp-Z,5µm	74.94	97	P	P	13 23 30.3 +0.1
UBPT	Khong Chiam	74.95	82	P	P	13 23 30.3 +0.1
UBPT	Khong Chiam	74.95	82	IAMB	IAMB	13 23 33.7
O58A	Lewisberry	74.95	309	P	P	13 23 31.0 +1.2
M56A	Emporium	74.99	310	P	P	13 23 31.2 +1.1
M56A	Emporium	74.99	310	IAMB	IAMB	13 23 54.5
M56A	comp-Z,572nm,0.9s			IAMS_20	IAMS_20	13 58 00.6
N57A	Miroy	75.00	309	P	P	13 23 30.4 +0.2
INK	Inuwik	75.04	351	P	P	13 50 56.9 -2.8
INK	comp-Z,4.3nm,1.1s,baz=162,slow=5.6,SNR=3.0			LR	LR	13 56 38.3
BMRO	Meriville Lake	75.05	314	P	P	13 23 31.5 +1.1
TYNO	Tyneside	75.11	312	P	P	13 23 30.9 +0.2
F48A	Evansville	75.14	316	P	P	13 23 31.7 +0.9
E47A	Iron Bridge	75.14	317	P	P	13 23 30.0 -0.8
L54A	Sinclairville	75.26	311	P	P	13 23 32.6 +0.9
KCSA	Kotacane, Aceh	75.27	96	P	P	13 23 31.3 -0.8
SSPA	Standing Stone	75.28	309	P	P	13 23 33.0 +1.3
SSPA	Standing Stone	75.28	309	P	P	13 23 32.5 +0.7
SSPA	Standing Stone	75.28	309	IAMB	IAMB	13 23 56.0
D46A	Sault St. Mari	75.31	317	P	P	13 23 33.1 +1.3
M55A	Ridgway	75.36	311	P	P	13 23 33.0 +0.8
M55A	Ridgway	75.36	311	IAMB	IAMB	13 23 56.5
M55A	comp-Z,382nm,0.9s			IAMS_20	IAMS_20	13 58 12.4
O57A	Amberson	75.36	309	P	P	13 23 33.4 +1.1
N56A	West Decatur	75.38	310	P	P	13 23 33.5 +1.1
BRCO	Bruce Peninsula	75.38	314	P	P	13 23 35.1 +2.8
J52A	Paris	75.39	313	P	P	13 23 33.2 +0.8
I51A	Listowel	75.39	314	P	P	13 23 33.3 +1.0
Q59A	Harwood	75.48	307	P	P	13 23 35.3 +2.4
SKLT	Songkhla	75.50	92	P	P	13 23 33.5 +0.1
P58A	Pank, Wackersv	75.55	308	P	P	13 23 33.8 +0.5
BASO	Ashfield	75.65	314	P	P	13 23 34.4 +0.6
ERPA	Erie	75.74	312	P	P	13 23 35.1 +0.7
ERPA	Erie	75.74	312	IAMB	IAMB	13 23 58.5
ERPA	comp-Z,592nm,0.9s			IAMS_20	IAMS_20	13 57 09.5
MA2	Magadan	75.77	25	S	S	13 23 16.1 +3.8
MA2	comp-Z,14nm,1.1s,baz=184,slow=19,SNR=7.2			LR	LR	14 00 47.1
MA2	Magadan	75.77	25c	iP	Pmax	13 23 33.8 -0.4
MA2	comp-Z,1µm,0.8s			MLR	MLR	
MA2	Magadan	75.77	25	P	P	13 23 34.6 +0.4
MA2	Magadan	75.77	25	IAMS_20	IAMS_20	14 00 37.0
E46A	Sault Ste Mari	75.77	317	P	P	13 23 35.2 +0.7
E46A	Sault Ste Mari	75.77	317	IAMB	IAMB	13 23 51.0
E46A	comp-Z,564nm,1.2s			IAMS_20	IAMS_20	13 57 24.1
R60A	Leonardtown, M	75.77	307	P	P	13 23 36.4 +1.9
K52A	Tilsonburg	75.80	313	P	P	13 23 36.8 +2.2
GRNR	Gornyy	75.87	37	eP	Pmax	13 23 34.0 -1.0
GRNR				Pmax	Pmax	

N55A	comp-Z,28nm,0.8s	75.89	310	P	P	13 23 35.8 +0.6
N55A	Marion Center	75.89	310	IAMB	IAMB	13 23 59.6
N55A	Marion Center	75.89	310	IAMS_20	IAMS_20	13 59 14.4
M54A	Oil Creek Stat	75.89	311	P	P	13 23 36.0 +0.8
M54A	Oil Creek Stat	75.89	311	IAMB	IAMB	13 24 01.3
M54A	comp-Z,840nm,1.4s			IAMS_20	IAMS_20	13 59 57.5
O56A	Blue Knob Stat	75.92	309	P	P	13 23 36.3 +0.8
MDJ	Mudanjiang	75.98	45	P	P	13 23 35.7 0.0
MDJ				S	S	13 23 09.3 -5.8
MDJ	comp-Z,33µm,20.2s					
MDJ	Mudanjiang	75.98	45	P	P	13 23 36.2 +0.5
MDJ				pP	pP	13 23 51.1 +1.9
MDJ				PP	PP	13 26 29.6 +0.8
MDJ				sPmax	Pmax	13 33 11.1 -4.0
MDJ	comp-Z,90nm,1.3s			LR	LR	
MDJ	comp-Z,12µm,20.0s			LR	LR	
MDJ	comp-Z,23µm,16.2s			LR	LR	
L53A	Girard	76.00	312	P	P	13 23 35.9 +0.1
P57A	Homestead Farm	76.01	309	P	P	13 23 36.8 +0.9
P57A	Homestead Farm	76.01	309	IAMB	IAMB	13 24 00.1
P57A	comp-Z,366nm,1.1s			IAMS_20	IAMS_20	13 59 32.7
TOLK	Toolik Lake Re	76.01	357	P	P	13 23 35.8 +0.3
TOLK	Toolik Lake Re	76.01	357	IAMB	IAMB	13 23 41.4
TOLK	comp-Z,371nm,0.9s			IAMS_20	IAMS_20	13 57 21.8
Q58A	Fox Den Farm,	76.10	308	P	P	13 23 37.1 +0.6
ANWB	Willby Blo	76.10	282	eP	P	13 23 38.5 +1.7
S60A	Water View	76.13	306	P	P	13 23 39.4 +2.8
NJ2	Nanjing	76.15	61	iP	PcP	13 23 35.6 -1.2
NJ2				pP	pP	13 23 47.5 -1.3
NJ2				sP	sP	13 23 52.0 +1.7
NJ2				PP	PP	13 26 28.5 +0.6
NJ2				sS	sS	13 33 14.6 -2.8
NJ2				SKS	SKS	13 33 40.7 -3.5
NJ2	comp-Z,340nm,0.9s			Pmax	Pmax	
NJ2	comp-Z,3µm,5.2s			LR	LR	
NJ2	comp-Z,11µm,24.3s			LR	LR	
NJ2	comp-Z,14µm,24.4s			LR	LR	
R59A	King George, V	76.16	307	P	P	13 23 38.7 +1.9
H48A	Harrisville	76.21	315	P	P	13 23 37.9 +1.0
H48A	Harrisville	76.21	315	IAMS_20	IAMS_20	13 59 23.8
G47A	Hillman	76.23	316	P	P	13 23 38.1 +1.0
K51A	Iona Station	76.31	313	P	P	13 23 39.1 +1.5
CBN	Corbin Frederi	76.32	307	P	P	13 23 38.6 +0.9
CBN	Corbin Frederi	76.32	307	IAMS_20	IAMS_20	13 59 33.0
NKL	Nikolayevsk	76.33	33	eP	P	13 23 35.3 -2.1
NKL				S	S	13 23 30.9 -1.5
NKL				e	e	13 33 55.7
NKL	comp-E,229nm,0.9s			Pmax	Pmax	
NKL	comp-Z,997nm,0.9s			Pmax	Pmax	
NKL	comp-N,78nm,0.8s			Smax	Smax	
NKL	comp-N,390nm,2.9s			Smax	Smax	
I49A	Point Hope	76.37	314	P	P	13 23 38.5 +0.7
I49A	Point Hope	76.37	314	IAMB	IAMB	13 24 04.4
N54A	Moraine State	76.41	311	P	P	13 23 39.1 +0.9
N54A	Moraine State	76.41	311	IAMB	IAMB	13 23 39.2 +1.0
N54A	comp-Z,404nm,0.9s			IAMS_20	IAMS_20	13 58 52.1
QIZ	Qiongzong	76.41	76	P	P	13 23 38.8 +0.3
QIZ				pP	pP	13 23 42.2 -1.0
QIZ				PP	PP	13 26 31.5 +1.0
QIZ				S	S	13 33 19.4 -1.2
QIZ				sS	sS	13 33 37.8 +0.3
QIZ	comp-Z,5µm,5.1s			Pmax	Pmax	
QIZ	comp-Z,8µm,32.9s			LR	LR	
QIZ	comp-Z,9µm,25.1s			LR	LR	
QIZ	comp-Z,12µm,28.9s			IAMB	IAMB	13 23 39.2 +0.7
QIZ	Qiongzong	76.41	76	P	P	13 23 42.1
O55A	Ligonier	76.41	310	P	P	13 23 39.2 +0.9
T60A	Surry	76.50	306	P	P	13 23 41.3 +2.5
E44A	Grand Marais A	76.50	318	P	P	13 23 40.2 +1.6
E44A	Grand Marais A	76.50	318	IAMS_20	IAMS_20	13 57 07.6
Q57A	Strasburg	76.52	308	P	P	13 23 39.3 +0.4
S59A	Mechanicsville	76.52	307	P	P	13 23 40.0 +1.2
P56A	Dayton Farm, R	76.52	309	P	P	13 23 39.5 +0.7
M53A	WI Miller and	76.55	311	P	P	13 23 39.7 +0.7
YKW3	Yellowknife Ar	76.59	341	P	P	13 23 39.0 +0.2
YKW3	Yellowknife Ar	76.59	341	IAMB	IAMB	13 23 43.9
YKW3	comp-Z,318nm,1.0s			IAMS_20	IAMS_20	13 56 57.6
KULM	Kulim	76.59	93	P	P	13 23 39.0 -0.6
KULM	Kulim	76.59	93	P	P	13 23 39.3 -0.3
KULM	comp-Z,570nm,1.1s			IAMB	IAMB	13 23 43.3
PSI	Prapat	76.62	96	P	P	13 23 40.0 +0.1
PSI				Pmax	Pmax	
RDOG	Red Dog Mine	76.62	2	IAMS_20	IAMS_20	14 00 15.7
YKA	Yellowknife Ar	76.64	341	P	P	13 23 37.5 -1.6
YKA	comp-Z,2.1nm,0.9s,baz=209,slow=1.9,SNR=4.4					13 50 52.9
YKA	comp-Z,1µm,18.4s,baz=36,slow=39			LR	LR	14 01 33.3
YKA	Yellowknife Ar	76.64	341	P	P	13 23 38.7 -0.3
R58A	Rapidan	76.67	308	P	P	13 23 39.8 +0.1
RPSI	Rantau Prapat	76.69	96	P	P	13 23 40.0 -0.1
RPSI	comp-Z,519nm,1.1s			IAMB	IAMB	13 23 43.7
RPSI	comp-Z,182nm,0.8s,baz=37,slow=5.5,SNR=7.0			IAMS_20	IAMS_20	14 03 38.1

G46A	Petoskey	76.71	316	P	P	13 23 40.8 +1.0
I48A	Sherman Twp	76.73	315	P	P	13 23 41.3 +1.3
U61A	Possum Corner	76.77	305	IAMS_20	IAMS_20	14 03 21.8
U61A	Possum Corner	76.77	305	IAMS_20	IAMS_20	14 03 21.8
H47A	Mio	76.77	316	P	P	13 23 41.6 +1.4
R58B	Mineral	76.78	307	P	P	13 23 40.7 +0.4
R58B	Mineral	76.78	307	P	P	13 23 41.2 +0.8
R58B	comp-Z,15µm,20.0s			IAMS_20	IAMS_20	13 59 45.3
BBGH	Gun Hill	76.79	277	eP	P	13 23 46.5 +5.8

12d 13h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like 059A Moore Haven, CRZF Crozet Islands, GNAR Gosnell, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like STKI Sintang, W39A Magazine, VBMS Vicksburg, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like TPWAW, B05A Bryant, REDW Red Top Meadow, etc.

12d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DCZ Deep Cove, MLZ Wanaka, FOZ Fox Glacier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 12 13:26:29.9, JFM Mihama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRSC 12 13:47:26.2, KDTR Khodutka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCJB 12 14:05:33.4, MAN 12 14:05:33.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 12 14:05:42.5, HLW 12 14:05:47.3, etc.

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MED_RC 12 14:05:49.0, 1.4, 35.33N, 23.27E, h59km, 17km, MW5.2/3, Moment Tensor Solution, Mantle waves: S3,4; Duration: 1s0

ns1a2 refers to surface waves. cut-off=35s. ISK 12 14:05:50.6, 35.52N, 23.42E, h63km, ML 3.9/16, THE 12 14:05:50.8, 35.38N, 23.28E, h21km, ML 0.6/6, Error ellipse: s-maj=1.0km s-min=0.3km az=44.0

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCJB 12 14:05:33.4, MAN 12 14:05:33.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 12 14:05:42.5, HLW 12 14:05:47.3, etc.

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Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANT Santorini, SANT Santorini, etc.

Table with columns: KOT, baz=126, S, Sn, 14 09 29.6 -6.9, etc. Lists various astronomical objects and their coordinates.

Table with columns: BRVK, Borovoye, 37.23, 471, P, P, 14 12 55.8 +0.5, etc. Lists astronomical objects with detailed parameters.

Table with columns: MAJO, Matushiro, 22.56, 234, P, P, 14 27 07.8 +0.4, etc. Lists astronomical objects with detailed parameters.

BUL 12 14:30:02.0; 0.0; 15N; 122.75E; h95km; mb5.5/73, m8.5/637
ISCJB 12 14:30:08.4; 0.2; 0.68N; 0.01; 122.24E; 0.02; h101km; 2km, mb5.5/150, Error ellipse: s-maj=2.7km s-min=2.3km

IDC 12 14:30:08.3; 0.3; 0.67N; 122.25E; h90km; mb5.0/47, mb1.5/0.53, mb1mx4.9/6.0, mbmp5.3/5.3, MS4.4/5, Ms1.4.4.5, ms1mx4.1/3.8, Error ellipse: s-maj=8.6km s-min=5.7km az=61.0

KLM 12 14:30:09.0; 0.70N; 122.25E; h86km; mb5.7, MW5.5/98, Moment Tensor Solution. s12; i3; s9; c153; Duration: t33 Moment tensor: Scale 10^17Nm; Mn:0.49; 1.1; Mw:0.60; 1.1; Mw0.10; 1.1; Mw-1.51; 0.05; Mw-0.08; 0.09; Mw1.31; 0.06; Best double couple: Mw:0.00; 0.017; Mw:0.30; 0.0000; 0.65; 0.0000; 0.00; 0.0000; NP2:0.65; 0.0000; 0.12; 0.0000; 1.28; 0.0000; Principal axes: T 1.900, P149.0000, Azm229.0000; N -0.2520, P10.0000, Azm127.0000; P -1.9380, P139.0000, Azm29.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 14:30:09.7; 2.4; 0.75N; 102.07; 122.21E; 0.07; h97km; 5km, mb5.4/111, Mw6.5(GCMT)

MOS 12 14:30:09.0; 0.9; 0.73N; 122.28E; h107km; mb5.5/70, Error ellipse: s-maj=6.9km s-min=4.2km az=114.8

DJA 12 14:30:09.0; 1.1; 1.1N; 122.2E; h85km; 2km, M5.7/115, Mb2.0/0.65, mb5.8/115, ML6.0/25, Mw(mbj)5.7/85

ISC 12 14:30:08.0; 0.66N; 0.03; 122.21E; 0.03; h91km; 1km, mb3.0; pp-P n107; e18321192; mb5.5/181, 30C-38D, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station information for the seismic event.

Table with columns for station code, name, frequency, and other details. Includes stations like KKM Kota Kinabalu, SNPH Sibulan, and many others.

Table with columns for station code, name, frequency, and other details. Includes stations like PSA00 Pilbara Seismi, PPSI Pulau Pagai, and many others.

Table with columns for station code, name, frequency, and other details. Includes stations like CHTO Chiang Mai, GYA Guiyang, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, VNA2 Neumayer-Watz, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like L40A Anamosa, E48A Lockeyer, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like G57A Newington, W41B Gary Mavity, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K58A Earlvile, H65A Eastbrook, Q50A Georgetown, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like U51A La Follette, R54A Victor, Q56A Gray Ridge, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like X56A White Oak, Y55A Salt Spring, Z54A Sparta, etc.

MAN 12 14:54:03.5, 13°16'N-121°75'E, h27km, mb4.1, ML2.9, MS2.6, 1C-1D, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAC Boac, EOAC, LQP Luabon, etc.

IDC 12 15:01:46.3±3.7, 17°53'S±176°51'W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.8/25, mbtmp3.8/4, Error ellipse: s-maj=198.4km s-min=29.5km az=148.0, Fiji Islands region

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

ISK 12 15:27:04.1, 35°46'N-23°31'E, h55km, 1km, ML3.6/8, ATH 12 15:27:04.6, 35°40'N-23°30'E, h44km, 1km, ML3.4/8, Error ellipse: s-maj=2.8km s-min=0.9km az=49.0

ISCJB 12 15:27:05.0±0.8, 35°40'N±0.7, 33°32'E±0.06, h60km, 6km, mb3.5/1, Error ellipse: s-maj=11.5km s-min=4.0km

THE 12 15:27:05.3, 35°34'N-23°26'E, h18km, 1km, ML3.3/6, Error ellipse: s-maj=1.2km s-min=0.4km az=312.0

IDC 12 15:27:13.0±5.5, 36°04'N±23°25'E, h0km, mb3.5/1, mb1 3.5/3, mb1mx3.2/33, mbtmp3.3/3, ML3.3/2, Error ellipse: s-maj=89.8km s-min=17.1km az=22.0

DDA 12 15:28:05.9, 35°47'N-23°89'E, h78km, ML3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANKY Antikythira Is, IMMV Iera Moni Meta, etc.

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Table with columns: VAM, comp, E, AML, AML, 15 27 32.3, SATY, 138nm, 1.0s, 2.23 327 eP, Pb, 15 48 56.7 -0.5, GLKZ, Green Lake, 1.13 360 P, Pn, 15 49 29.9 -1.1, etc.

IDC 12 15:33:28.9:2.4,259+135x178:12W,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.7/24,mbtmp3.7/3, Error ellipse: s-maj=125.7km s-min=35.9km az=161.0,Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, STKA, Stephens Creek, 34.69 255 P, Op, ISC, P, 15 40 19.8 -0.6, etc.

KRNET 12 15:48:17.3:0.1, 401°94N:80°08E,mb3.2 SOME 12 15:48:17.6, 41°23N:80°00E,h15km

ISC 12 15:48:18.8:1.2, 41°30N:79°84E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=8.1km s-min=6.7km az=152.0

ISC 12 15:48:16.1:3.2, 41°19N:09°00E, 0.07, h1km, 16km, n44, c1535/74, 22C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, TARG, Taragay, Kyrgy, 1.76 288 fP, Op, ISC, P, 15 48 48.3 +0.1, etc.

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Table with columns: SATY, 138nm, 1.0s, 2.23 327 eP, Pb, 15 48 56.7 -0.5, ZHN, Zhinshike, 2.31 329 eP, Sb, 15 48 58.7 +0.1, etc.

BUI 12 15:49:02.0:2.0, 301°68S:176°56W, h30km, mb5.2/15, mB5.6/5, Ms5.3/4, Ms7.5/0.4

ISC/B 12 15:49:09.2:0.4, 301°61S:0°03:177°70W:0°08, h35km, mb4.7/22, Error ellipse: s-maj=9.9km s-min=3.6km az=11.3

IDC 12 15:49:13.6:1.3, 301°18S:177°94W, h47km, 1/2m, mb4.2/15, mb1 4.4/15, mb1mx4.4/26, mbtmp4.5/15, MS4.1/2, Ms1 4.1/2, ms1mx3.3/36, Error ellipse: s-maj=14.2km s-min=13.0km az=54.0

NEIC 12 15:49:14.6:1.2, 301°08S:0°10:177°9W:0°2, h55km, 5km, mb4.7/18

ISC 12 15:49:11.7:0.4, 301°39S:0°05:177°91W:0°08, h35km, n168, c1884/171, mb4.7/27, 1C-2D, Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, BUI, 12 15:49:02.0:2.0, 301°68S:176°56W, h30km, mb5.2/15, etc.

Table with columns: RAO, Raoul Island, 1.14 360 P, S, 15 49 30.5 -0.7, RAO, 4µm, 0.3s, baz=150, slow=22, SNR=16, LR, LR, 15 49 47.7, etc.

12d 15h

Table with columns: RAO, Raoul Island, 1.14 360 P, S, 15 49 30.5 -0.7, RAO, 4µm, 0.3s, baz=150, slow=22, SNR=16, LR, LR, 15 49 47.7, etc.

Table of astronomical observations for 12d 16h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 562, listing station names, coordinates, and observation details.

ISC 12 16:16:39.9:1.8,32.72S:0.05:71.76W,0.07,h10km,±12km,
n20,c154/32,1C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ROCEI, PEL, CLCH, FCH, CO2, G004, ACAN, VCA, MRA, TCA.

DSN 12 16:26:53.6:1.9,26.34N:64.12E,h15km,ML4.2/4,Error
ellipse: s-maj=58.8km s-min=13.5km az=5.0

OMAN 12 16:26:49.0:2.6,17N:64.59E,h19km,Error ellipse:
s-maj=57.2km s-min=36.5km az=82.0,Southeastern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WSAR, JLN, WBK, B1D3, JMDO, HQQ, BANOH, MDH, BSY, SHME, UOSS, ASHO, ARQ, ALINE, ASUD.

IDC 12 16:33:40.6:0.6,52.40N:169.35W,h0km,mb4.1/29,
mb1.4/37,mb1mx4.2/54,mbtmp3.1/31,ML3.8/2,MS3.6/2,
Ms1.3/62,ms1mx2.9/57,Error ellipse: s-maj=18.5km
s-min=11.0km az=168.0

AEIC 12 16:33:45.2:8,52.40N:0.08:169.35W:0.1,h20km,5km,
ML4.0,mb4.3/30(NEIC)

ISCJB 12 16:33:46.1:0.6,52.43N:0.06:169.30W:0.05,h52km,4km,
mb4.3/33,MS3.5/2,Error ellipse: s-maj=11.6km
s-min=3.4km az=158.4

NEIC 12 16:33:46.9:2.6,52.43N:0.08:169.28W:0.05,h45km,6km
KONW 12 16:33:46.6:1.3,52.42N:0.09:169.26W:0.05,
h41km,10km,n126,i130/127,mb4.2/38,Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIKH, MKREB, MSW, MNAT, UNV, AKRB, AKLV, AKGG, AKUT, KOSE, ATKA, ATKA, KOWE, WESP, GSTD, SPJA, KIMD, TASE, SDPT, OHAK, KDAA, KDAK, SEW.

Main table with columns: BPAW, SCM, IMAR, CCB, VRDI, TGL, IL31, ILAR, DOT, BCAR, EGAK, EYK, H02S1, SEY, SEY, DLBC, DLBC, MA2, MA2, INK, INK, YKA, YKR8, TIXI, TIXI, KLR, H1N2, H1N3, H1N1, NV01, NVAR, H1S1, H1S2, H1S3, USRK, MJAR, MJAR, MAJO, MJB9, BWO6, PD31, PDAR, PDAR, KSR5, JUNU, JNU, SPAD, SONAO, SONAO, SONM, LTX, TXAR, TXAR, HHC, ZAA1, ZALV, ARAO, ARAO, ARCES, ARCES, WHN, WHN, LZH, LZH, LZH, LZH, LZH, WMO, MKAR, ARU, FINES, NB2, NMA, KMI, ABKAR, ABKAR, ABKAR, KKAR, GAR, PAYA, AKASG, AKBB, AKBB, TAPN, CM31, CMAR, CMAR, GUN, GUN, GKN.

Table with columns: MHMT, DANN, LANS, GERES, VYHS, KVAR, KBZ, BRTR, WRI, WRI, ESOC, ESOC, FITZ, ASAR, MAW.

IDC 12 16:55:28.8:1.5,33.35N:121.48E,h0km,mb3.5/4,
mb1.3/74,mb1mx3.3/55,mbtmp3.5/4,Error ellipse:
s-maj=73.0km s-min=10.2km az=58.0

ISCJB 12 16:55:30.9:0.6,13.50N:0.03:121.52E:0.05,h24km,7km,
mb3.6/4,Error ellipse: s-maj=8.7km s-min=5.5km

MAN 12 16:55:30.1,13.56N:121.53E,h3km,mb4.6,ML3.5,MS3.4
ISC 12 16:55:31.1:1.0,13.58N:0.03:121.52E:0.04,h17km,8km,
n15,c157/22,mb3.5/4,3C,Indoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BOAC, BOAC, LOP, TGY, TGY, GOP, AUQP, JUMP, SAMP, POLP, POLP, OTRP, OTRP, BUSP, BALP, RCP, CMAR, WRA, ASAR, KURBB.

ISCJB 12 17:03:42.2:0.7,36.82N:0.03:141.35E:0.06,h33km,
mb3.5/4,Error ellipse: s-maj=6.8km s-min=4.6km az=4.7

JMA 12 17:03:44.9:0.1,36.88N:141.12E,h49km,1km,MB3.4
IDC 12 17:03:44.6:2.8,36.93N:141.38E,h59km,24km,mb3.2/4,
mb1.3/47,mb1mx3.2/55,mbtmp3.6/7,ML3.0/3,Error
ellipse: s-maj=22.2km s-min=18.3km az=80.0

ISC 12 17:03:48.3:1.2,36.98N:0.04:141.35E:0.08,h33km,n24,
i127/30,mb3.5/4,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ONAJ, ONAJ, JFK, JFFD, JHO, JHO, OTama, JMM, JMM, JMM, JMS, JOU, JOU, JAG, JAG, MJAR, MJAR, JAT, JAT, JHJ, ASAJ, H1N2, H1N1, H1N3, H1N3, H1S1, H1S3, H1S2, ZALV, KURBB, WRA, ASAR.

MAN 12 17:08:07.5,13.57N:121.57E,h5km,mb4.2,ML3.0,MS2.7,
1C-1D,Indoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BOAC, BOAC, LOP, LOP, PGP, PGP, SAMP, SAMP, POLP, POLP, OTRP, OTRP.

NIC 12 17:16:15.0:0.0,36.01N:28.39E,h44km,8km,ML4.4/4
ISCJB 12 17:16:15.0:0.1,36.15N:0.02:28.41E:0.01,h67km,2km,
mb4.3/39,Error ellipse: s-maj=2.9km s-min=1.8km
az=22.7
MOS 12 17:16:15.9:1.1,36.09N:28.39E,h75km,mb4.5/16,Error
ellipse: s-maj=7.4km s-min=3.7km az=125.6
DDA 12 17:16:16.7,36.24N:28.35E,h52km,3km,ML3.9
ATH 12 17:16:16.7,36.27N:28.32E,h52km,1km,ML3.9/12,Error
ellipse: s-maj=1.8km s-min=0.9km az=146.0

ISK 12 17:16:17.5,36:26N-28:30E, h49km, 1km, ML3,9/31
 NEIC 12 17:16:17.8,2.9,36:15N,0:06:28:41E,0.05, h68km,9km
 MED_RC 12 17:16:17.0,3.8,36:20N-28:32E, h68km,25km, MW4.5/17,
 Moment Tensor Solution, Mantle waves: s1,c20;
 Duration: 1s0 Moment tensor: Scale 1015Nm;
 Mw=0.51±2.47; Mw0.61±3.14; Mw0.50±2.50;
 Mw0.71±1.52; Mw1.57±2.25; Mw1.81±.95; Best double
 couple: Mw0.01000±0.1015 NP1.3±127.00000, 884.00000,
 7.6.00000. NP2.3±37.00000, 884.00000, 1.78.00000.
 Principal axes: T 6.2900, P166.0000, Azm352.0000; N
 -0.5600, P1664.0000, Azm145.0000; P -5.7200,
 P163.0000, Azm262.0000; nstla1 refers to body waves.
 nst2a refers to surface waves, cutoff=35s.
 IDC 12 17:16:18.1,1.8,36:22N-28:43E, h68km,20km, mb3.5/9,
 mb1.3/17, mb1mx3.5/42, mbtmp3.9/17 Error ellipse:
 s-maj=15.2km s-min=13.3km az=48.0
 THE 12 17:16:18.6,36:23N-28:32E, h44km, 1km, ML3,9/12, Error
 ellipse: s-maj=1.8km s-min=0.6km az=149.0
 GII 12 17:16:20.7,0.0,35:76N-28:80E, h8km, MD3,3/10
 NSSC 12 17:16:45.6,0.7,35:52N-30:98E, h18km,999km, ML3,4
 ISC 12 17:16:16.4,0.6,36:15N,0:03:28:38E,0.02, h50km,5km,
 n411,17:16:47.3/463, mb4.4/45, 13C-4D, Dodecanese Islands

Code	Station Name	Lat	Lon	Op	ISC	h	m	s	ISC
ZKR	Zakros	2.04	240	↑P	Pn	17	16	51.0	+2.7
ZKR	Zakros			AML	AML	17	17	16.6	
ZKR	Zakros			AML	AML	17	17	16.8	
ZKR	Zakros	2.04	240	PN	Pn	17	16	51.3	+3.0
AMGA	Amorog Island	2.12	290	P	Pn	17	16	49.7	+0.4
AMGA	Amorog Island	2.12	290	P	Pn	17	16	49.7	+0.4
ANAF	Anafi Island	2.12	276	S	Sn	17	16	49.7	+0.4
BCK	Bucac	2.21	53	P	Pn	17	16	52.9	+2.3
BCK	Bucac	2.21	53	PN	Pn	17	16	52.9	+2.3
DGB	zmir	2.25	328	P	Pn	17	16	51.7	+0.6
DGB	zmir			IAML_P					
MANT	Manisa	2.34	3	P	Pn	17	16	53.0	+0.4
THRS	Santorini-Mono	2.36	277	P	Pn	17	16	53.3	+0.7
SANT	Santorini	2.37	276	P	Pn	17	16	53.3	+0.7
SANT	Santorini			AML	AML	17	17	23.0	
SANT	Santorini			AML	AML	17	17	29.5	
SANT	Santorini	2.37	276	PN	Pn	17	16	53.8	+1.0
SANT	Santorini	2.37	276	P	Pn	17	16	53.5	+0.7
KULA	Kula-Manisa	2.38	5	P	Sn	17	16	53.1	+0.2
KULA	Kula-Manisa	2.38	5	S	Sn	17	17	19.6	-1.3
KHAL	Karahall	2.38	5	PN	Pn	17	16	53.4	+0.5
KHAL	Karahall	2.39	22	IAML_P					
TH1	Athinos (Pele	2.39	277	P	Pn	17	16	53.9	+0.8
THR2	Thira island,	2.40	278	P	Pn	17	16	53.3	+0.1
ISP	Isparta	2.40	45	P	Pn	17	16	54.8	+1.5
ISP	Isparta	2.40	45	PN	Pn	17	16	54.6	+1.3
ISP	Isparta	2.40	45	PN	Pn	17	16	55.1	+1.8
ISP	Isparta	2.40	45	PN	Pn	17	16	54.8	+1.5
ISP	Isparta	2.40	45	PN	Pn	17	16	54.6	+1.3
THR7	Fira-Santorini	2.40	277	P	Sn	17	16	54.5	+1.3
TH2	Merovigli	2.41	278	P	Pn	17	16	53.3	+0.6
NPS	Neapolis	2.42	249	P	Pn	17	16	54.9	+1.5
NPS	Neapolis			S	Sn	17	17	22.4	+0.6
NPS	Neapolis	2.42	249	P	Sn	17	16	54.9	+1.5
NPS	Neapolis	2.42	249	P	Sn	17	16	55.0	+1.5
NPS	Neapolis			AML	AML	17	17	23.7	
THR6	Thira Island,	2.42	276	P	Pn	17	16	54.6	+1.2
THR3	Thira Island,	2.42	277	P	Pn	17	16	54.4	+0.9
CMBO	Columbo, Santo	2.42	279	P	Pn	17	16	54.5	+1.0
CMBO	Columbo, Santo	2.42	279	P	Pn	17	16	54.6	+1.0
THR9	Thira Island,	2.42	276	P	Pn	17	16	54.5	+1.2
THR5	Thira Island,	2.42	277	P	Pn	17	16	55.3	+1.2
APE	Apeiranthos	2.47	293	P	Pn	17	16	54.8	+0.6
APE	Apeiranthos	2.47	293	P	Pn	17	16	54.8	+0.6
APE	Apeiranthos	2.47	293	P	Pn	17	16	54.7	+0.6
BLCB	Batouvas	2.47	335	PN	Pn	17	16	54.9	+0.3
IOSP	ios island	2.56	284	P	Pn	17	16	56.1	+0.8
IOSP	ios island	2.56	284	P	Pn	17	16	56.1	+0.8
LAST	Lasithi	2.56	248	S	Sn	17	17	26.5	+1.1
LAST	Lasithi			AML	AML	17	17	27.6	
LAST	Lasithi	2.56	248	P	Sn	17	16	56.7	+1.3
LAST	Lasithi			AML	AML	17	17	28.3	
LAST	Lasithi			AML	AML	17	17	39.7	
ZEY	zmir	2.57	325	iP	Pn	17	16	55.1	-0.4
URLA	Izmir	2.63	328	iP	Pn	17	16	55.5	+0.1
URLA	Izmir			IAML_P					
URLA	Izmir	2.63	328	P	Pn	17	16	56.6	+0.2
KEPZ	Antalya-Kepez	2.71	73	iP	Pn	17	17	00.8	+3.3
KEPZ	Antalya-Kepez			IAML_P					
CHOS	Chios island	2.90	321	P	Pn	17	17	00.2	0.0
CHOS	Chios island			S	Sn	17	17	32.3	-1.6
CHOS	Chios island	2.90	321	P	Pn	17	17	00.0	-0.1
CHOS	Chios island	2.90	321	PN	Pn	17	17	00.9	+0.7
SHUT	Santurini-Faro	2.96	35	PN	Pn	17	17	01.4	+0.9
ZEDA	zmir-Bergama	3.00	340	iP	Pn	17	17	01.8	+0.4
ZEDA	zmir-Bergama			IAML_P					
SIVA	Sivas	3.12	250	P	Pn	17	17	05.8	+2.8
SIVA	Sivas	3.12	250	P	Pn	17	17	05.7	+2.6
SIVA	Sivas			AML	AML	17	17	45.8	
SIVA	Sivas			AML	AML	17	17	47.9	
DKL	Dikili	3.15	339	PN	Pn	17	17	04.5	+1.1
GAZI	Gazipasa	3.19	87	iP	Pn	17	17	06.0	+1.9
GAZI	Gazipasa			IAML_P					
GAZI	Gazipasa	3.19	87	PN	Pn	17	17	06.4	+2.4
MHLA	Milos I	3.24	282	P	Pn	17	17	05.9	+2.2
MHL0	Agia Marina, M	3.25	281	P	Pn	17	17	06.6	+1.7
SERI	Serifos	3.29	289	P	Pn	17	17	06.4	+1.0
TVSB	Tavsanli	3.41	14	PN	Pn	17	17	07.8	+0.7
AKMS	Akamaks	3.42	108	iP	Pn	17	17	08.8	+1.6
AKMS	Akamaks			AML	AML	17	17	50.1	
AKMS	Akamaks			AML	AML	17	17	54.7	
VAM	Vamos	3.48	259	P	Pn	17	17	09.3	+1.4
BALB	Balikesir	3.51	354	PN	Pn	17	17	09.9	+1.5
BALB	Balikesir	3.51	354	P	Pn	17	17	09.3	+0.9
BALB	Balikesir			Sn	Sn	17	17	49.3	+0.7
PRK	Paraskevi	3.52	332	P	Pn	17	17	09.7	+1.2
PRK	Paraskevi	3.52	332	P	Pn	17	17	09.7	+1.2
PRK	Paraskevi	3.52	332	P	Pn	17	17	09.7	+1.2
ALFC	Aleka	3.58	105	↑P	Pn	17	17	04.4	+1.0
ALFC	Aleka			AML	AML	17	17	54.1	
ALFC	Aleka			AML	AML	17	17	57.8	
BALY	Balya	3.64	351	iP	Pn	17	17	10.5	+0.3
IMMV	lera Moni, Ots	3.64	260	P	Pn	17	17	11.4	+1.3
IMMV	lera Moni, Meta	3.64	260	P	Pn	17	17	11.5	+1.3
IMMV	lera Moni, Meta			AML	AML	17	17	18.0	
IMMV	lera Moni, Meta			AML	AML	17	18	00.8	
SIGR	SIGRI	3.66	328	P	Pn	17	17	10.9	+0.5
SIGR	SIGRI	3.66	328	P	Pn	17	17	10.3	-0.1
NATA	Natia	3.68	111	↑P	Pn	17	17	22.9	+2.1
GVD	Savdthos	3.73	251	P	Pn	17	17	14.1	+2.6
SZAC	Souni	3.93	109	↑P	Pn	17	17	16.1	+1.9
EZN	Ezine	4.01	337	P	Pn	17	17	15.5	+0.2
EZN	Ezine	4.01	337	P	Pn	17	17	15.5	+0.2
VLY	Vozza, Athens	4.04	296	P	Pn	17	17	17.3	+1.8
PTI	Penteli	4.09	289	P	Pn	17	17	17.5	+1.5
BOZC	Bozcaada	4.12	334	iP	Pn	17	17	17.0	+0.2
ANKY	Antikythira Is	4.12	288	P	Pn	17	17	18.3	+1.4
ATH	Athens Observa	4.15	297	P	Pn	17	17	21.0	+3.8
GULN	MERSIN-Gulnar	4.18	88	iP	Pn	17	17	20.6	+3.0
GULN	MERSIN-Gulnar			IAML_P					
CSS	Mathiatis	4.21	105	PN	Pn	17	17	19.3	+1.2
CSS	Mathiatis	4.21	105	P	Pn	17	17	19.1	+1.1
CSS	Mathiatis	4.21	105	P	Pn	17	17	19.2	+1.2
CSS	Mathiatis			Sn	Sn	17	18	04.1	-1.9
CSS	Mathiatis			Sn	Sn	17	18	04.1	-1.9
KTHA	Kythira Island	4.30	273	P	Pn	17	17	17.7	+1.7
KTHA	Kythira Island			S	Sn	17	18	09.3	+1.1
KTHA	Kythira Island	4.30	273	P	Pn	17	17	21.2	+1.9
DID	Didima	4.34	290	P	Pn	17	17	21.5	+1.6
KRANID	Kranidi	4.37	289	P	Pn	17	17	22.9	+2.1
VLI	Vellai	4.42	279	P	Pn	17	17	22.8	+1.8
LIA	Limnos Island	4.51	327	P	Pn	17	17	22.7	+0.6
LIA	Limnos Island	4.51	327	P	Pn	17	17	22.8	+0.6
SMTH	Samothraki Isl	4.86	333	P	Pn	17	17	27.1	+0.1
DYR	Agios Nikonas	4.91	279	P	Pn	17	17	30.3	+2.5
WLC	Wlacherisia	4.97	286	P	Pn	17	17	31.7	+2.7
BR21	Keskin Mr Arra	5.07	42	P	Pn	17	17	31.7	+1.8

Code	Station Name	Lat	Lon	Op	ISC	h	m	s	ISC
ALN	Alexandroupoli	5.08	340	P	Pn	17	17	30.6	+0.6
ALN	Alexandroupoli	5.08	340	P	Pn	17	17	30.3	+0.4
ALN	Alexandroupoli	5.08	340	P	Pn	17	17	30.5	+0.6
ANTO	Ankara	5.10	42	P	Pn	17	17	31.8	+1.6
ANTO	Ankara	5.10	42	P	Pn	17	17	31.8	+1.6
KOR	Korinthos	5.22	310	P	Pn	17	17	32.7	+0.9
ITM	Ithomi	5.29	283	P	Pn	17	17	35.5	+2.6
ITM	Ithomi	5.29	283	P	Pn	17	17	36.3	+3.4
THAS	Thassos island	5.30	328	P	Pn	17	17	33.0	+2.3
KLV	Kalavryta, Ach	5.33	293	P	Pn	17	17	35.7	+0.3
PVL	Pyllos	5.40	280	P	Pn	17	17	36.2	+1.9
PYL0S	PYL0S	5.40	280	P	Pn	17	17	35.6	+1.9
RDO	Rhodopi	5.46	337	P	Pn	17	17	35.7	+0.5
BR131	Keskin Array S	5.48	48	P	Pn	17	17	36.9	+1.3
BR131	Keskin Array S			AML	AML	17	18	36.7	
BR131	Keskin Array S	5.48	48	P	Pn	17	17	36.9	+1.3
BR131	Keskin Array S			Sn	Sn	17	18	36.7	
BRTR	Keskin Array B	5.48	48	P	Pn	17	17	37.0	+1.4
BRTR	Keskin Array B			AML	AML	17	17	37.0	+1.4
BRTR	Keskin Array B								

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SGRT, HVAR, BURAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HINF, ECH, ECH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KMI, F64A, CN2, etc.

12d 17h 39:34.9e.0.7, 22:63Sx171:85E, h0km, mb4.4/17, mb1 4.5/18, mb1mx4.5/24, mbtmp4.4/18, ML4.5/1, MS3.7/7, Ms1 3.7/7, ms1mx3.3/25, Error ellipse: s-maj=20.3km s-min=17.0km sz=161.0 LR

ISCJB 12 17:39:39.5.0.3, 22:70S.0:04.171:73E.0:04, h40km, mb4.4/25, MS3.6/5, Error ellipse: s-maj=6.1km s-min=4.4km sz=34.1 LR

NEIC 12 17:39:40.7.2.3, 22:65S.0:07.171:78E.0:09, h38km, 5km, mb4.8/50 LR

BUI 12 17:39:41.6.0.0, 22:37Sx171:06E, h30km, mb4.9/16, mB5.2/11, Ms4.9/4, Ms7.4/6/3 LR

ISC 12 17:39:41.0.0.4, 22:63S.0:06.171:78E.0:06, h40km, n141, s1902/138, mb4.7/42, MS3.6/5, 5C-4D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MARNC, PINNC, ONTMC, etc.

12d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKM Kota Kinabalu, MJAR Matushiro Arr, MAJO Matushiro, etc.

2013 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOR Torodi Arr, TOA1 Torodi Arr, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOAC Boac, BOAC Puerto Galera, BOAC Lukban, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOMN Songoing Array, ULN Songoing Array, ULN Ulaanbaatar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RCBR Riachuelo, YAK Yakutsk, ESBB Soyuz Array, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAC Boac, PGP Puerto Galera, SJMP San Jose, etc.

12d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK, KURKB, KRVT, CMAR, NVAR, PDAR, TXAR, GERES, BRTR, etc.

ISCJB 12 21:21:29.5:0.3, 52:15S:0:05:5:14W:0:08, h10km, mB4.5/13, MS4.5/11, Error ellipse: s-maj=7.5km s-min=6.7km az=156.5

IDC 12 21:21:29.1:0.6, 52:20S:5:16W, h0km, mB4.4/11, mb1 4.4/12, mb1mx4.2/27, mbtmp4.3/12, MLJ3.1/11, MS4.2/6, Ms1 4.2/6, ms1mx3.8/20, Error ellipse: s-maj=18.3km s-min=16.6km az=83.0

NEIC 12 21:21:31.5:1.5, 52:16S:0:10:5:2W:0:2, h10km, 1km, mb5.1/46

BUI 12 21:21:32.0:0.0, 52:20S:5:20W, h10km, mB5.5/3, MS5.4/4, Mst7.5/13

ISC 12 21:21:31.3:0.3, 52:17S:0:07:5:20W:0:08, h10km, n17, m149/110, mB5.0/31, 2C-1D, Southern Mid-Atlantic Ridge

Main table for 12d 21h section, listing station codes (VNA1, VNA2, VNA3, etc.), names, azimuths, phase IDs, times, and residuals.

2013 OCT

Main table for 2013 OCT section, listing station codes (ROSC, ODZ, MOZ, etc.), names, azimuths, phase IDs, times, and residuals.

572 Error ellipse: s-maj=20.9km s-min=5.6km az=8.6

GUC 12 21:31:20.6:0.5, 21:08S:69:05W, h11km, 3km, ML2.7

Main table for 572 section, listing station codes (PB01, PB09, PB02, etc.), names, azimuths, phase IDs, times, and residuals.

THE 12 21:38:44.0:40:94N:21:09E, h8km, 1km, ML2.3/3, Error ellipse: s-maj=1.8km s-min=0.5km az=166.0

SKO 12 21:38:44.2:40:94N:21:14E, h15km, M1.1, ML2.0

ATH 12 21:38:45.2:40:84N:21:19E, h19km, 1km, ML2.0/5, Error ellipse: s-maj=3.0km s-min=1.2km az=139.0, Greece

Continuation of station list for 572 section, including codes like FNA, NEST, BDFB, etc.

Table with columns: IGT, IGT, IGT, KEK, GJK, GJK, ZATK, ZATK, AGG, LK2D. Rows include station names like Igoumenitsa, Kerkira, Gijlan, Zatriq, Agfios Georgios, and Lekada Island with associated codes and times.

IDC 12 21:43:22.2.0.9, 29.78N-82.11E, h0km, mb3.7/10, mb1 3.8/13, mb1mx3.6/42, mbtmp3.7/13, ML3.5/3, Error ellipse: s-maj=24.8km s-min=16.8km az=46.0 DMN 12 21:43:23.2.0.3, 30.08N-81.74E, h10km, M4.6/6, Error ellipse: s-maj=9.5km s-min=5.5km az=33.0 IS/CJB 12 21:43:24.3.0.5, 29.99N-0.05-82.02E, h0.06, h1km, mb3.6/10, Error ellipse: s-maj=1.0km s-min=3.7km az=135.5

BUI 12 21:43:30.5.0.0, 30.07N-82.44E, h8km, mb3.9/6, ISC 12 21:43:26.0.6, 29.95N-0.07-82.02E, h0.07, h21km, n32, r126/41, mb3.6/10, Nepal

Main table for Nepal stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, KGN Gorkha, DMN Daman, DMN Kakani, PKIN Phulchoki, PKI Pulchoki, GUN Gumba, JIRN Jiri, RAMN Ramite, TAPN Taplejung, ODAN Odare, LSA Lhasa, THW Thame Wali, CEP Cherat, AAK Ala-Archa, WMQ Urumqi, WMQ Wmq, MKAR Makanchi Array, GTA Gatiai, CMAR Chiang Mai Arr, KURB Kurchatov Arr, XAN Xi'an, ZALV Zalesovo Beam, BVAR Borovoye Array, SONM Songino Array, WHN Wuhuan, KRSR Korea Array, BRTR Keskin Array B, FINES FINESS Array B, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, GCG 12 22:04:47.6.0.6, 15.23N-90.21W, h48km, 216km, MD3.8

SNET 12 22:04:51.5.0.9, 13.63N-90.90W, h13km, 8km, ML3.3, ISC 12 22:04:47.4.2.9, 13.53N-91.01W, h6km, 13km, n11, r107/19, Near coast of Guatemala

Table for Guatemala stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IXG Ixpaco, IXG Ixpaco, FUG Fuego 3, MOYG Moyuta, Jutiap, MOYG Moyuta, Jutiap, STG3 Santiagouito 3, CEVE Cerro Verde, SBLs San Blas, SNEJ San Jose, SNEJ San Jose, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, MTO3 Montecristo, MRL Marmol

KRNET 12 22:09:19.0.0.1, 39.08N-76.10E, mb3.1, SOME 12 22:09:19.7, 39.22N-76.52E, h10km, NNC 12 22:09:21.4.1.2, 39.29N-76.40E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=9.0km s-min=8.1km az=91.0, ISC 12 22:09:21.8.2.3, 39.33N-0.1-76.49E, h10km, n25, r209/40, 17C-7D, Southern Xinjiang

Table for Xinjiang stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NRN Naryn, TARG Taragay, KDJ Kajisay, KZAZ Kyzart, ULHL Ulahol, ARLS Aral, ARLS Aral, BOOM Boomsokoye usch, BOOM Boomsokoye usch

Table for 2013 OCT stations. Columns: UCH Uchter, ARSB Arslanbob, ANVS Anan'yev, ANVS Anan'yev, AAK Ala-Archa, IZV Izvestkovy, IZV Izvestkovy, IZV Izvestkovy, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, KST Kasteek, KST Kasteek, KST Kasteek, MDOK Medeo, MDOK Medeo, MDOK Medeo, DGS Degeres, DGS Degeres, DGS Degeres, SATY Saty, SATY Saty, KUU Kuryt, PDGK Podgornoye, PDGK Podgornoye, KRSC 12 22:23:02.6.1.1, 49.71N-157.24E, h49km, 22km, ML4.0, East of Kuril Islands

Table for Kuril Islands stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDRTR Khodutka, Kamc, MTRV Mtnovka, RUS Russkaya, KRMR Karymshinskiy, AVH Avacha, KOK Koryaka, SLD Sedlovina, KRK Koryakskii, KRX Arik, SPN Mys Shipunskiy, GNL Ganaly, KBT Krutoberegovo

ISC/JB 12 22:33:47.4.1.0, 13.00N-0.1-89.01W, h0.06, h15km, 23km, Error ellipse: s-maj=21.8km s-min=5.2km az=20.7, SNET 12 22:33:47.4.0.9, 12.99N-89.04W, h46km, 15km, ML3.6, UCR 12 22:33:47.8.1.2, 13.00N-89.02W, h45km, 18km, MD3.8, ML3.6

GCG 12 22:33:51.3.1.0, 12.99N-89.37W, h21km, 21km, MD4.2, ISC 12 22:33:48.7.1.6, 13.00N-0.1-89.00W, h0.05, h41km, 32km, n54, r085/74, El Salvador

Table for El Salvador stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALJI Alcalda de J, LOFS El Faro, COEG Centro de Oper, SNVI San Vicente, SNVI San Vicente, SNVI San Vicente, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, UESV Universidad de, UESV Universidad de, COEB Comit de Em, COEB Comit de Em, TECA Tecapa, TECA Tecapa, TECA Tecapa, PAVA Las Pavas, PAVA Las Pavas, PAVA Las Pavas, SNET Serv Naz Est T, SNET Serv Naz Est T, OPAM Oficina de Pla, OPAM Oficina de Pla, OPAM Oficina de Pla, OPAM Oficina de Pla, LBRS Las Brisas, UJES Universidad Ev, UJES Universidad Ev, LFU La Fuente, LFU La Fuente, LFU La Fuente, LFU La Fuente, BOOS Boqueron, BOOS Boqueron, LCY Lacayo, LCY Lacayo, CEVE Cerro Verde, CEVE Cerro Verde, CEVE Cerro Verde, CEVE Cerro Verde

Table for other stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTO3 Montecristo, MTO3 Montecristo, MOYG Moyuta, Jutiap, MOYG Moyuta, Jutiap, STG3 Santiagouito 3, CEVE Cerro Verde, SBLs San Blas, SNEJ San Jose, SNEJ San Jose, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, MTO3 Montecristo, MRL Marmol, KRNET 12 22:09:19.0.0.1, 39.08N-76.10E, mb3.1, SOME 12 22:09:19.7, 39.22N-76.52E, h10km, NNC 12 22:09:21.4.1.2, 39.29N-76.40E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=9.0km s-min=8.1km az=91.0, ISC 12 22:09:21.8.2.3, 39.33N-0.1-76.49E, h10km, n25, r209/40, 17C-7D, Southern Xinjiang

Table for 12d 23h stations. Columns: SBLs San Blas, SBLs San Blas, SNEJ San Jose, SNEJ San Jose, RTR El Retiro, RTR El Retiro, FAGO Alcalda de S, LCND La Caada, LCND La Caada, LLGN La Laguna, LLGN La Laguna, CNCH Conchagua, CNCH Conchagua, CNCH Conchagua, MTO3 Montecristo, MTO3 Montecristo, MOYG Moyuta, Jutiap, MOYG Moyuta, Jutiap, IXG Ixpaco, IXG Ixpaco, IXG Ixpaco, NBG Las Nubes, NBG Las Nubes, MRL Marmol, MRL Marmol, FUG Fuego 3, FUG Fuego 3, FUG Fuego 3, STG3 Santiagouito 3, STG3 Santiagouito 3

BUC 12 22:53:54.2.0.3, 45.51N-27.81E, h1km, 2km, m1.5/9, 30.00 Error ellipse: s-maj=2.7km s-min=1.6km, az=46.0, Romania

Table for Romania stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IZVR Izvoarele, IZVR Izvoarele, IZVR Izvoarele, IZVR Izvoarele, NEGR Negresti, NEGR Negresti, NEGR Negresti, IZVB Izvoarele B, IZVB Izvoarele B, IZVB Izvoarele B, IZVB Izvoarele B, SLOB Slobozia Conac, SLOB Slobozia Conac, SLOB Slobozia Conac, SLOB Slobozia Conac, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, PETR Petresti, PETR Petresti, PETR Petresti, ODBI Odobesti, ODBI Odobesti, ODBI Odobesti, VRI Vrincoiaia, VRI Vrincoiaia, VRI Vrincoiaia, PLOR Plostina, PLOR Plostina, PLOR Plostina, PLOR Plostina, TLB Topalu, TLB Topalu, TLB Topalu, TIRR Tirusor, TIRR Tirusor, TIRR Tirusor, TESR Tescani, TESR Tescani, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MILE Milestii Mici, MILE Milestii Mici, MILE Milestii Mici, MILE Milestii Mici

IDC 12 22:55:20.7.2.3, 10.57S-150.17E, h0km, mb3.7/4, mb1 3.7/6, mb1mx3.6/23, mbtmp3.6/6, ML2.6/2, Error ellipse: s-maj=57.7km s-min=31.9km az=122.0, ISC 12 22:55:26.9.1.7, 10.55S-0.2-150.0E, h0.2, h35km, n7, r056/8, mb3.6/3, Eastern New Guinea region

Table for Eastern New Guinea region stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, ZALV Zalesovo Beam, TORD Torodi Arr, TORD Torodi Arr

IDC 12 23:10:27.7.0.8, 51.65N-159.57E, h0km, mb3.9/16, mb1 4.1/18, mb1mx3.9/39, mbtmp4.0/18, ML3.5/2, MS3.3/7, Ms1 3.3/7, ms1mx2.9/43, Error ellipse: s-maj=22.4km s-min=15.3km az=132.0, KRSC 12 23:10:28.3.1.6, 51.48N-159.86E, h71km, 27km, ML4.5, IS/CJB 12 23:10.31.0.7, 51.49N-0.04-159.75E, h0.06, h44km, 5km, mb4.2/37, MS3.5/6, Error ellipse: s-maj=7.6km s-min=4.9km az=136.8, NEIC 12 23:10.31.4.1.1, 51.49N-0.1-159.74E, h0.2, h35km, 3km, mb4.5/28

MOS 12 23:10.32.1.0.9, 51.59N-159.67E, h47km, mb4.6/14, Error ellipse: s-maj=10.1km s-min=4.1km az=101.4, ISC 12 23:10.30.8.0.5, 51.53N-0.04-159.73E, h0.04, h31km, 4km, n192, r149/214, mb4.4/43, MS3.5/6, 21C-11D, Off east coast of Kamchatka Peninsula

Table for Kamchatka Peninsula stations. Columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KDTR Khodutka, Kamc, KDTR Khodutka, Kamc, KDTR Khodutka, Kamc, RUS Russkaya, RUS Russkaya, RUS Russkaya

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like RUS, MTRV, GRL, SPN, DALK, KRMK, PETP, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H11N2, H11N3, BCAR, H11S1, H11S3, H11S2, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TESR, WRA, VRAC, YHNS, YHNS, CFR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NPS, THRS, THRE, PYL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAK, MOY, TLY, ARS, etc.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Agios Nikonas, Plaka, Mios I, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like La Fuente, Centro de Oper, Las Pavas, etc.

HEL 13 00:13:29.2, 67°18'N, 20°04'E, h0km, ML 1.9, Explosion

UPP 13 00:13:29.9, 0.1, 67.83N, 20.20E, h0km, ML2.5, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Laukkulusta, Salmi, etc.

UPP 13 00:13:33.1, 0.1, 67.84N, 20.19E, h0km, ML2.3, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Laukkulusta, Salmi, etc.

ISCJB 13 00:33:49.7, 0.5, 21.69S, 0°03'-68'W, 0°05', h121km, 6km, Error ellipse: s-maj=7.5km s-min=5.0km az=121.2

GUC 13 00:33:49.6, 0.7, 21.67S, 68.68W, h15km, 4km, ML3.5, SJA 13 00:33:50.1, 0.9, 21.71S, 68.60W, h109km, 6km, ML3.2, MW3.3

ISC 13 00:33:50.8, 1.1, 21.68S, 0°04'-68.66W, 0°05', h110km, 11km, n29, 0°09'46, 12C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IPOC Station P, Limon Verde, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like IPOC Station P, Chuzmiza, etc.

ISCJB 13 00:36:20.7, 0.3, 49.83N, 0°02'-18.45E, 0°02', h0km, Error ellipse: s-maj=2.7km s-min=1.7km az=21.2

IPEC 13 00:36:22.1, 0.2, 49.83N, 18.58E, h0km, ML2.43, Error ellipse: s-maj=1.7km s-min=1.1km az=163.0

VIE 13 00:36:23.0, 1.0, 49.69N, 18.49E, h0km, mb2.1/2, ml2.5/5, Error ellipse: s-maj=7.8km s-min=4.0km az=79.0, Suspected Mining induced.

ISC 13 00:36:21.3, 0.7, 49.82N, 0°02'-18.53E, 0°02', h0km, n51, 0°08'10.1, 8C-3D, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like Ostrava-Krasne, Raciborz, Chorzow, etc.

Table with columns: MOA, Mollin, 3.44 232 ePn, Pn, 00 37 16.1 0.0, etc.

Table with columns: LPAZ, La Paz, 4.32 342 P, Pn, 01 07 49.7 +0.7, etc.

Table with columns: CRPR, Cabo Rojo, PR, 38.20 359 P, P, 01 13 35.9 -1.8, etc.

ISCJB 13 01:06:39.6.0.2.20.43S.0.02:66.69W.0.2.2 h239km, 1km, mb4.9/68, Error ellipse: s-maj=3.4km s-min=2.5km

SJA 13 01:06:39.9.0.8.20.50S:66.76W, h260km, 8km, ML4.8, MW4.5

MOS 13 01:06:39.8.0.8.20.40S:66.62W, h241km, mb5.1/10, Error ellipse: s-maj=11.5km s-min=7.2km az=108.0

VAO 13 01:06:40.9.0.4.20.42S:66.68W, h240km, 4km, mb5.1, NEIC 13 01:06:40.8.1.9.20.45S:0.06:66.69W.0.0.7, h238km, 5km, mb4.7/219

SCB 13 01:06:40.0.1.6.20.53S:66.83W, h272km, 12km, ML5.9/4, Error ellipse: s-maj=6.7km s-min=4.2km az=1.0

GUC 13 01:06:41.6.0.6.20.51S:67.43W, h279km, 8km, ML5.3, IDC 13 01:06:42.8.0.6.20.27S:66.47W, h249km, 5km, mb4.5/20, mb1.4/6/25, mb1mx4.5/31, mbtmp5.1/25, Error ellipse: s-maj=10.5km s-min=8.5km az=67.0

GCMT 13 01:06:45.8.0.4.20.45S:0.02:66.69W.0.0.3, h254km, 3km, MW5.0/74, Moment Tensor Solution. s21,c21; s74,c94; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr:0.94±.19; Mss:0.27±.20; Mss-0.67±.21; Mss-0.52±.14; Mss:1.74±.14; Mss-3.81±.16; Best double couple: M4.2730001016

NP1:381.00000°, s84.00000°, 1.14.00000°. NP2: 6285.00000°, 625.00000°, 1.15.00000°. Principal axes: T 4.5010, P1946.0000°, Azm116.0000° N -0.4540, P1924.0000°, Azm358.0000° P -4.0460, P1934.0000°, Azm251.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 01:06:41.0.0.4.20.43S:0.03:66.74W.0.0.4, h241km, 3km, h241km, pP-P, n711, c1830/721, mb4.7/148, 17C-6D,

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

Southern Bolivia

Main table of seismic stations in Southern Bolivia, including YJA, YVA, YVJ, etc.

SIV San Ignacio 6.96 52 P, Pn, 01 08 19.9 -1.3

G003 Copiap 7.82 203 P, Pn, 01 09 38.6 -2.9

CYA Choya 8.03 174 P, Pn, 01 08 34.0 -0.6

VCA Vinchina 8.38 189 P, Pn, 01 08 38.7 -0.5

AROD Rodeo 10.01 194 P, Pn, 01 08 59.5 -0.6

AROD Cerro Coronel 10.33 193 P, Pn, 01 09 03.0 -1.2

GO04 Tololo Observa 10.37 200 P, Pn, 01 09 01.8 -2.8

GO04 Tololo Observa 10.37 200 P, Pn, 01 09 01.8 -2.8

CPUP Villa Florida 10.45 126 P, Pn, 01 09 04.4 -1.0

CPUP Villa Florida 10.45 126 P, Pn, 01 09 03.3 -2.1

AMOG MOGNA 10.59 188 P, Pn, 01 09 05.0 -2.1

RTLL Cerro Villucun 10.97 188 P, Pn, 01 09 10.3 -1.6

RTLL Tanti 11.04 170 P, Pn, 01 09 10.2 -2.2

RTCV Cerro Valdivia 11.50 188 P, Pn, 01 09 17.2 -1.2

RTLS Leoncito 11.55 191 P, Pn, 01 09 18.4 -1.1

PP1B Ponte de Pedra 11.57 78 P, Pn, 01 09 18.6 -0.9

ACAN Cantanil 11.81 182 P, Pn, 01 09 20.7 -1.7

SAML Samuel 11.92 17 P, Pn, 01 09 22.5 -1.4

SAML Samuel 11.93 17 P, Pn, 01 09 22.5 -1.4

SAML Samuel 11.92 17 P, Pn, 01 09 22.5 -1.4

ASAL Salagasta 12.26 188 P, Pn, 01 09 27.3 -0.8

ARCO CERRO ARCO 12.52 189 P, Pn, 01 09 31.8 +0.4

AAGR Agrelo 12.74 188 P, Pn, 01 09 33.9 -0.2

NNA Nana 12.82 309 P, Pn, 01 09 35.4 +0.3

NNA Nana 12.82 309 P, Pn, 01 09 35.4 +0.3

NNA Nana 12.82 309 P, Pn, 01 09 35.4 +0.3

ROC1 Rio Roble 13.07 196 P, Pn, 01 09 37.8 -0.4

PEL El Roble 13.07 196 P, Pn, 01 09 37.4 -0.8

POL Peidehue 13.14 195 P, Pn, 01 09 39.0 0.0

PEL Peidehue 13.14 195 P, Pn, 01 09 39.0 0.0

TRCB Terra Rica 13.33 103 P, Pn, 01 09 41.5 +0.1

CLDB Colider 14.18 170 P, Pn, 01 09 48.1 +1.1

PTGB Pitanga 14.21 110 P, Pn, 01 09 52.4 -0.4

ARAG Araguaiana, MT 14.95 74 P, Pn, 01 10 00.2 -0.7

ITAB Concordia 14.98 120 P, Pn, 01 10 02.3 +1.0

GO05 Huala 15.23 196 P, Pn, 01 10 04.6 +0.3

GO05 Huala 15.23 196 P, Pn, 01 10 02.8 -1.1

ITRB Iturama 15.41 90 P, Pn, 01 10 05.8 -0.2

CPBS Capacava Do Su 15.58 132 P, Pn, 01 10 07.6 -0.2

FR1B Fartura 16.21 103 P, Pn, 01 10 15.9 -0.1

BB19B Bebedouro 17.05 105 P, Pn, 01 10 23.2 -0.7

ATAH Atahualpa 17.38 318 P, Pn, 01 10 30.6 +0.3

OGAVY Aigu 17.47 145 P, Pn, 01 10 28.4 0.0

TRQA Torquist 18.05 168 P, Pn, 01 10 32.5 -2.2

TRQA Torquist 18.05 168 P, Pn, 01 10 33.8 -0.8

TRQA Torquist 18.05 168 P, Pn, 01 10 32.5 -2.2

SPB Sao Paulo 18.18 104 P, Pn, 01 10 35.4 -0.8

SPB Sao Paulo 18.18 104 P, Pn, 01 10 35.4 -0.8

BDFB Brasilia 18.43 78 P, Pn, 01 10 38.7 -0.4

BDFB Brasilia 18.43 78 P, Pn, 01 10 38.3 -0.8

BDFB Brasilia 18.43 78 P, Pn, 01 10 38.3 -0.8

VAO Valinhos 18.55 102 P, Pn, 01 10 39.3 -1.0

PMNB Patos De Minas 19.23 88 P, Pn, 01 10 46.9 -0.8

GO06 Curarehua 19.52 191 P, Pn, 01 10 50.2 -0.4

PEXB Paredon 19.52 191 P, Pn, 01 10 50.2 -0.4

PARB Pararibuna 19.81 102 P, Pn, 01 10 52.5 -1.3

HOPE Hope Point 40.88 153 P, Pn, 01 13 59.9 +0.5

CCIG Comitán 44.19 324 P, Pn, 01 14 26.9 +0.2

PMSA Palmer Station 44.36 178 P, Pn, 01 14 29.2 +2.0

PMSA Palmer Station 44.36 178 P, Pn, 01 14 26.5 -0.6

PMSA Palmer Station 44.36 178 P, Pn, 01 14 27.7 +0.5

TEIG Tepich 45.57 331 P, Pn, 01 14 36.7 -0.6

TEIG Tepich 45.57 331 P, Pn, 01 14 41.0 -0.4

TLIG Tlapa 48.99 318 P, Pn, 01 15 04.5 +0.7

352A Blakely 54.48 341 P, Pn, 01 15 44.1 +0.2

352A Blakely 54.48 341 P, Pn, 01 15 47.5 -0.1

Z57A Bowman 55.06 346 P, Pn, 01 15 48.5 +0.5

SACV Santiago Islan 55.08 54 P, Pn, 01 15 48.1 -0.5

SACV Santiago Islan 55.08 54 P, Pn, 01 15 48.1 -0.5

Y60A Bolivia 55.22 348 P, Pn, 01 15 49.2 +0.1

Y60A Bolivia 55.22 348 P, Pn, 01 15 49.2 +0.1

Y58A Scranton 55.45 347 P, Pn, 01 15 50.9 +0.4

Y58A Scranton 55.45 347 P, Pn, 01 15 50.9 +0.4

Y55A Saluda 55.95 345 P, Pn, 01 15 54.7 +0.4

Y54A White Oak 56.28 346 P, Pn, 01 15 56.6 0.0

Y53A Monroe 56.32 340 P, Pn, 01 15 56.9 0.0

W58A Raeford 56.40 348 P, Pn, 01 15 57.7 +0.2

Z50A Ashland 56.44 341 P, Pn, 01 15 57.6 -0.2

LRLAL Lakeview Retre 56.58 340 P, Pn, 01 15 58.3 -0.4

X54A Belton 56.66 345 P, Pn, 01 15 59.8 +0.5

W57A Gilead 56.69 347 P, Pn, 01 15 59.6 +0.1

Y51A Rockmart 56.78 342 P, Pn, 01 15 60.0 -0.2

PAUL Pauline 56.78 345 P, Pn, 01 15 59.1 -1.1

PAUL Pauline 56.78 345 P, Pn, 01 17 08.6 -0.1

W56A Indian Trail 56.80 346 P, Pn, 01 16 00.8 +0.5

V59A Middlesex 56.94 349 P, Pn, 01 16 01.4 +0.2

KMSC Kings Mountain 56.97 346 P, Pn, 01 16 02.0 +0.5

KMSC Kings Mountain 56.97 346 P, Pn, 01 16 01.3 -0.2

W54A Cherokee Pike 57.12 345 P, Pn, 01 16 03.4 +0.8

Y49A Blount Mountai 57.15 341 P, Pn, 01 16 02.8 +0.1

Y49A Blount Mountai 57.15 341 P, Pn, 01 16 02.6 -0.1

Y49A Blount Mountai 57.15 341 P, Pn, 01 17 06.5 -0.1

BG3 Lake Jocassee 57.22 344 P, Pn, 01 16 04.2 +0.9

BG3 Lake Jocassee 57.22 344 P, Pn, 01 17 07.5 -0.1

X51A Calhoun 57.34 342 P, Pn, 01 16 05.4 +1.3

X51A Calhoun 57.34 342 P, Pn, 01 16 11.7 -0.1

HKT Hockley 57.39 330 P, Pn, 01 16 05.3 +0.9

HKT Hockley 57.39 330 P, Pn, 01 16 05.0 +0.6

HKT Hockley 57.39 330 P, Pn, 01 17 02.8 -0.1

V56A Mocksville 57.43 347 P, Pn, 01 16 05.3 +0.7

V56A Mocksville 57.43 347 P, Pn, 01 16 12.6 -0.1

U59A Littleton 57.43 349 P, Pn, 01 16 05.3 +0.7

W53A Cullowhee 57.45 344 P, Pn, 01 16 05.3 +0.4

V55A Taylorsville 57.63 346 P, Pn, 01 16 06.6 +0.5

V55A Taylorsville 57.63 346 P, Pn, 01 16 14.8 -0.1

V54A Nebo 57.72 345 P, Pn, 01 16 07.3 +0.5

U57A Blanch 57.79 348 P, Pn, 01 16 07.3 +0.1

833A Chaparral WMA 57.83 326 P, Pn, 01 16 08.8 +1.2

833A Chaparral WMA 57.83 326 P, Pn, 01 16 09.5 -0.1

V53A Saluda 57.83 345 P, Pn, 01 16 08.0 +0.4

V53A Saluda 57.83 345 P, Pn, 01 16 08.3 +0.7

SHEL Horse Pasture 57.84 96 P, Pn, 01 16 07.8 -0.3

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

435B	Jarrell	baz=159	58.91	329	P	P	01	16	16.3	+1.2	
435B	Jarrell	baz=146	58.91	329	I	Amb	I	Amb	01	16	17.2
S57A	Dark Hollow, R	comp=Z,8.6nm,0.7s	59.01	349	P	P	01	16	16.2	+0.7	
T53A	Wise	baz=167	59.01	345	P	P	01	16	16.0	+0.3	
V48A	Smith Brothers	baz=163	59.01	341	P	P	01	16	15.6	0.0	
V48A	Smith Brothers	baz=158	59.01	341	I	Amb	I	Amb	01	17	20.2
T52A	Hallie	comp=Z,9.4nm,0.9s	59.24	345	P	P	01	16	17.9	+0.7	
X43A	Marvell	baz=162	59.27	337	P	P	01	16	18.8	+1.5	
X43A	Marvell	baz=154	59.27	337	P	P	01	16	16.9	-0.5	
S55A	Lewisburg	baz=167	59.32	347	P	P	01	16	18.4	+0.7	
T51A	Gray	baz=165	59.35	344	P	P	01	16	18.8	+0.9	
WLAR	White Oak Lake	baz=161	59.40	335	I	Amb	I	Amb	01	17	16.6
U49A	Red Boiling Sp	comp=Z,14nm,0.9s	59.42	342	P	P	01	16	18.0	-0.4	
S54A	Dingess, Beckl	baz=159	59.52	347	P	P	01	16	19.7	+0.6	
S54A	Dingess, Beckl	baz=162	59.52	347	I	Amb	I	Amb	01	16	27.4
S53A	Williamson	comp=Z,15nm,0.8s	59.59	346	P	P	01	16	20.1	+0.5	
T50A	Nancy	baz=163	59.63	343	P	P	01	16	19.6	-0.3	
WVT	Waverly	baz=160	59.69	340	P	P	01	16	19.8	-0.4	
WVT	Waverly	baz=157	59.69	340	P	P	01	16	19.8	-0.4	
WVT	Waverly	comp=Z,10.0nm,0.7s	59.69	340	P	pmax	01	16	19.8	-0.4	
WVT	Waverly	baz=159	59.69	340	I	Amb	I	Amb	01	16	20.0
JCT	Junction City	comp=Z,9.9nm,0.7s	59.77	327	P	P	01	16	21.9	+0.9	
JCT	Junction City	baz=144	59.77	327	P	P	01	16	21.9	+0.9	
JCT	Junction City	comp=Z,8.0nm,0.8s	59.77	327	P	pmax	01	16	21.3	+0.3	
JCT	Junction City	baz=144	59.77	327	P	P	01	16	21.3	+0.3	
S52A	Salyersville	baz=162	59.81	345	P	P	01	16	21.4	+0.3	
R54A	Victor	baz=164	59.81	347	P	P	01	16	21.8	+0.7	
WHTX	Lake Whitney,	baz=146,SNR=5.3	59.85	330	P	P	01	16	22.5	+1.1	
WHTX	Lake Whitney,	comp=Z,13nm,0.8s	59.85	330	I	Amb	I	Amb	01	16	23.2
T49A	Edmonton	baz=160	59.91	343	P	P	01	16	21.4	-0.3	
T49A	Edmonton	comp=Z,23nm,1.2s	59.91	343	I	Amb	I	Amb	01	17	29.9
S50A	Richmond	baz=161	60.14	344	P	P	01	16	23.3	+0.1	
Q57A	Strasburg	baz=167	60.15	350	P	P	01	16	24.0	+0.7	
R53A	Hurricane	baz=164	60.17	346	P	P	01	16	24.1	+0.7	
R53A	Hurricane	comp=Z,12nm,0.8s	60.17	346	I	Amb	I	Amb	01	16	32.0
T47A	Sharon Grove	baz=158	60.25	341	P	P	01	16	23.8	-0.2	
T47A	Sharon Grove	comp=Z,13nm,0.9s	60.25	341	I	Amb	I	Amb	01	17	29.7
Q56A	Snyder Ridge,	baz=166	60.29	349	P	P	01	16	25.3	+1.1	
Q56A	Snyder Ridge,	comp=Z,14nm,0.8s	60.29	349	I	Amb	I	Amb	01	16	26.0
HPIC	Mount Ida	baz=151	60.33	320	P	P	01	16	25.4	+0.4	
MIAR	Buckhannon	baz=166	60.33	335	P	P	01	16	25.1	+0.5	
Q55A	Neumayer-Olymp	baz=166	60.42	348	P	P	01	16	26.4	+1.3	
VNA3	Sprinfeld	baz=160	60.45	162	P	P	01	16	26.1	+1.2	
S49A	Hillsboro	baz=160	60.48	343	P	P	01	16	25.3	-0.3	
R51A	Homestead Farm	baz=162	60.52	345	P	P	01	16	25.9	+0.1	
P57A	Coxs Mills	baz=165	60.52	350	P	P	01	16	26.7	+0.9	
Q54A	Leroy	baz=164,SNR=6.6	60.55	347	P	P	01	16	26.3	+0.3	
Q53A	Neumayer-Stat	baz=161	60.58	347	P	P	01	16	26.9	+0.7	
VNA1	Paris	baz=161	60.62	161	P	P	01	16	27.8	+1.7	
R50A	Bidwell	baz=163,SNR=5.5	60.69	344	P	P	01	16	27.4	+0.5	
Q52A	Reedsville	baz=166	60.84	346	P	P	01	16	28.4	+0.4	
P55A	Lajitas Array	comp=Z,2.1nm,0.7s,ba	60.86	348	P	P	01	16	29.0	+0.9	
TXAR	Lajitas Array	comp=Z,2.1nm,0.7s,ba	60.95	323	P	P	01	16	29.6	+0.5	
TXAR	Lajitas Array	comp=Z,2.1nm,0.7s,ba	60.95	323	P	P	01	16	29.6	+0.5	
TXAR	W39A	comp=Z,1.1nm,0.7s,ba	60.95	323	P	P	01	17	25.8	+1.3	
TXAR	W39A	comp=Z,1.1nm,0.7s,ba	60.95	323	P	P	01	16	29.4	+0.4	
TXAR	W39A	comp=Z,1.1nm,0.7s,ba	60.95	323	P	P	01	16	30.4	+1.5	
VNA2	Mont Château	baz=161	61.00	161	P	P	01	16	29.8	+1.2	
MCWV	Burton	baz=166	61.01	348	P	P	01	16	30.0	+0.9	
P54A	Georgetown	baz=165	61.08	348	P	P	01	16	30.2	+0.6	
Q50A	Poplar Bluff	comp=Z,13nm,0.7s	61.13	345	P	P	01	16	29.9	-0.1	
PBMO	Peebles	baz=162	61.15	345	P	P	01	16	30.3	+0.3	
Q51A	Whipple	baz=162	61.15	345	P	P	01	16	29.8	-0.2	
P53A	Whipple	baz=164,SNR=9.1	61.15	347	P	P	01	16	30.8	+0.7	
WCI	Wyandotte Cave	baz=159	61.17	342	P	P	01	16	29.5	-0.7	
WCI	Wyandotte Cave	comp=Z,8.0nm,0.9s	61.17	342	P	pmax	01	16	29.8	-0.4	
WCI	Wyandotte Cave	baz=145	61.17	342	P	P	01	16	29.8	-0.4	
WCI	Wyandotte Cave	comp=Z,8.0nm,0.9s	61.17	342	P	P	01	16	29.8	-0.4	
WCI	Wyandotte Cave	baz=145	61.17	342	P	P	01	16	29.8	-0.4	
ABTX	Abilene, Hawle	comp=Z,12nm,0.9s	61.42	329	I	Amb	I	Amb	01	17	36.9
O55A	Ligonier	baz=166,SNR=5.3	61.45	349	P	P	01	16	32.9	+0.8	
P52A	Corning	baz=164,SNR=6.4	61.45	347	P	P	01	16	32.2	+0.2	
P51A	Williamsport	baz=166	61.52	346	P	P	01	16	31.9	-0.6	
O54A	Avella	comp=Z,27nm,1.6s	61.62	348	P	P	01	16	33.7	+0.6	
SSPA	Standing Stone	baz=165	61.63	350	P	P	01	16	33.9	+0.7	
SSPA	Standing Stone	baz=163	61.63	350	P	P	01	16	33.4	+0.2	
SSPA	Standing Stone	comp=Z,24nm,1.3s	61.63	350	I	Amb	I	Amb	01	17	25.3
U40A	Yellville	comp=Z,26nm,1.4s	61.64	336	P	P	01	16	35.3	+1.9	
U40A	Yellville	baz=152	61.64	336	P	P	01	16	33.5	+0.2	
N58A	Sunbury	baz=169	61.65	351	P	P	01	16	33.9	+0.5	
Q48A	North Vernon	baz=169	61.67	343	P	P	01	16	33.1	-0.4	
N57A	Milroy	baz=168	61.69	351	P	P	01	16	34.2	+0.6	
P50A	Jamestown	baz=162	61.81	345	P	P	01	16	34.6	+0.1	
O53A	New Philadelph	baz=165	61.85	347	P	P	01	16	35.2	+0.5	
O52A	Adamsville	baz=164	61.85	347	P	P	01	16	34.8	+0.1	
O52A	Adamsville	comp=Z,24nm,1.3s	61.85	347	I	Amb	I	Amb	01	16	44.9
N55A	Marion Center	baz=167,SNR=9.7	61.95	349	P	P	01	16	36.0	+0.6	
N56A	West Decatur	baz=168	61.97	350	P	P	01	16	36.1	+0.6	
HHAR	Hobbs	comp=Z,14nm,1.1s	61.99	335	I	Amb	I	Amb	01	17	33.9
O51A	Pataskala	baz=163,SNR=8.9	62.05	346	P	P	01	16	36.1	+0.1	
M58A	Price's Panora	baz=170	62.14	352	P	P	01	16	37.4	+0.8	
M57A	Sunshine Farm,	baz=169	62.20	351	P	P	01	16	37.7	+0.7	
M57A	Sunshine Farm,	comp=Z,52nm,1.9s	62.20	351	I	Amb	I	Amb	01	17	02.2
ACSO	Alum Creek Sta	baz=163,SNR=7.2	62.22	346	P	P	01	16	37.2	+0.1	
ACSO	Alum Creek Sta	comp=Z,22nm,0.7s	62.22	346	I	Amb	I	Amb	01	16	37.8
FVM	French Village	comp=Z,19nm,1.0s	62.22	339	I	Amb	I	Amb	01	17	37.6
O50A	Cable	baz=162	62.28	345	P	P	01	16	37.4	-0.2	
N54A	Moraine State	baz=162	62.30	349	P	P	01	16	38.4	+0.7	
N54A	Moraine State	baz=165	62.30	349	P	P	01	16	37.3	-0.3	
N53A	Libson	baz=166	62.31	348	P	P	01	16	38.4	+0.6	
N53A	Libson	comp=Z,22nm,0.7s	62.31	348	I	Amb	I	Amb	01	16	37.6
TUL1	Leonard	baz=149	62.42	334	P	P	01	16	40.4	+1.9	
TUL1	Leonard	comp=Z,28nm,1.4s	62.42	334	I	Amb	I	Amb	01	16	39.9
L60A	Shokan	baz=172	62.48	354	P	P	01	16	39.6	+0.8	
N52A	McGinn's Farm,	baz=164	62.49	347	P	P	01	16	39.9	0.0	
O49A	Covington	baz=161	62.49	345	P	P	01	16	38.9	0.0	
O49A	Covington	comp=Z,12nm,0.9s	62.49	345	I	Amb	I	Amb	01	16	41.2
M56A	Emporium	baz=168	62.50	350	P	P	01	16	39.6	+0.6	
M56A	Emporium	comp=Z,13nm,0.6s	62.50	350	I	Amb	I	Amb	01	16	40.1
CCM	Cathedral Cave	baz=151	62.57	338	P	P	01	16	39.5	0.0	
CCM	Cathedral Cave	comp=Z,14nm,0.9s	62.57	338	P	pmax	01	16	39.7	+0.2	
CCM	Cathedral Cave	comp=Z,14nm,0.9s	62.57	338	P	pmax	01	16	39.7	+0.2	
CCM	Cathedral Cave	comp=Z,14nm,0.9s	62.57	338	I	Amb	I	Amb	01	16	42.8
M55A	Ridgway	baz=167	62.58	350	P	P	01	16	40.1	+0.6	
M55A	Ridgway	comp=Z,14nm,0.8s	62.58	350	I	Amb	I	A			

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SDCO Great Sand Dun, W18A Petrified Red, W18A Petrified Fore, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FLWY Flagg Ranch, OMMB Old Mammoth Mt, RLMT Red Lodge, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MAW Mawson, MAW Matop, MAW Matop, etc.

ISCJB 13 01:12:42.8:0.5,24:30N:0.03:122:43E:0'02, h10km,3km, JMA 13 01:12:42.9:0.1,24:38N:122:43E, h4km, M2.6 TAP 13 01:12:43.7,24:88N, 122:34E, h10km,1km, ML2.8, D ISC 13 01:12:41.9:1.4,24:89N:0.04:122:43E:0'02, h10km,11km, n35, c045/66, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWB1 Santiao Chiao, TWB1 baz=291, EOS1 EOS1, etc.

13d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ESPARROS, MATSUSHIRO, MAJOSH, etc.

2013 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MESJ, PBDV, PNCL, GOLM, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like EGAK, DOT, PAX, PAXSON, etc.

Table with columns: ULM, comp-Z, Lac du Bonnet, 92.90 351, P, Pmax, 01 30 42.9 -0.2, etc.

Table with columns: J05D, baz=3.7, Fort Rock, OR, 99.94, 9, Pdiff, Pdiff, 01 31 16.7 +1.5, etc.

Table with columns: GEN 13 01:24:39.2, 44,222N-10:16E, h6km,2km, M10.4, Northern Italy, Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

13d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FIAO, FINES, STEI, HFS, NB2, NB2A, NB2B, NRAO, SPAO.

ISCJB 13 03:43:11.1±0.5, 35°37'N, 0°03:23'30"E, 0.04, h20km, 5km, Error ellipse: s-maj=6.6km s-min=3.7km az=138.1

Main table for 13d 4h section, listing various stations and their associated data points.

2013 OCT

Main table for 2013 OCT section, listing stations like DID, ANAF, EPID, ZKR, APE, etc., with their respective data.

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Table for 588 section, listing stations like GSGI, GSMY, GSTD, GSTR, etc., with their respective data.

ISC 13 04:11:55.8±0.6, 51°59'N, 177°96'E, h0km, mb3.5/5, mb1.4/0.6, mb1mx3.6/4.1, mbtmp3.7/6, ML4.2/1, Error ellipse: s-maj=155.7km s-min=60.3km az=89.0

ISCJB 13 04:12:24.0±0.6, 52°45'N, 0°10:17'64"E, 0.08, h178km, mb3.3/5, Error ellipse: s-maj=14.2km s-min=6.2km az=15.6

NEIC 13 04:12:25.1±1.0, 52°44'N, 0°2:17'9"E, 0.09, h178km, 16km, ISC 13 04:12:24.9±1.0, 52°44'N, 0°2:17'9"E, 0.06, h178km, n22, r051/26, mb3.3/5, Rat Islands

Table for 588 section, listing stations like GAEA, TASE, TAFP, etc., with their respective data.

MAN 13 04:50:31.7, 13°52'N, 121°54'E, h3km, mb4.1, ML2.8, MS2.5, IC-1D, Mindoro

Table for 588 section, listing stations like BOAC, PGP, LQP, etc., with their respective data.

KRAR 13 04:58:52.3±0.4, 52°84'N, 87°77'E, M2.0, Industrial explosion (after: The Earthquakes of Russia in 2012), Obninsk, GS RAS, 224p + CD-ROM, 2014

NNC 13 04:58:58.0±2.1, 52°85'N, 87°72'E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=17.7km s-min=7.4km az=79.0

ISC 13 04:58:56.8±3.3, 53°03'N, 0°18:77'E, 0.2, h0km, n5, r058/10, 9C-5D, Southwestern Siberia

Table for 588 section, listing stations like ZAAO, ZAAO, KURK, etc., with their respective data.

13d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GEYT Alibeck, GYA0B ALIBECK ARRAY, OTUK Ortau, etc.

2013 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OBN Obninsk, BRTR Kesh Array B, AKASA Malin Array B, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUU Kurly, IZV Izvestkoviy, KST Kastej, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Udbina, Han Pijesak, L'Aquila, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cotabato-PC H, Bagumbayan, Su, etc.

SOME 13 07:08:40.2, 41.72N, 78.28E, h20km
NNC 13 07:08:40.5, 1.1, 41.77N, 78.15E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=8.1km s-min=4.4km az=174.0, Suspected Mining explosion.

ISC 13 07:08:39.5-1.5, 41.78N, 0.06:78.23E, 0.04, h0km, n45, 0:086/70, 6C, Kyrgyzstan-Xinjiang border region

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SATY, ZHN, UZB, ULHL, TNSS, MDOK, KURS, KPKS, MTBS, etc.

Table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHHK, DGS, ARXS, KUU, etc.

SOME 13 07:14:22.1, 39.30N, 78.28E, h15km
NNC 13 07:14:22.2, 1.9, 39.30N, 78.19E, h5km, 9km, mb3.9, mpv3.5, Error ellipse: s-maj=12.6km s-min=10.8km az=145.0

ISC 13 07:14:26.2, 3.39, 4N, 0.1:78.21E, 0.06, h15km, n37, 0:212/55, 5C-6D, Southern Xinjiang

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SATY, ZHN, UZB, IZV, MDOK, etc.

Table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DGS, AAK, KTBS, KUU, etc.

IDC 13 07:15:15.7, 0.4, 18.90S, 178.92E, h0km, mb4.8/31, mb1.4/9.33, mb1mx4.9/41, mbtmp4.8/33, ML5.0/2, MS4.2/17, Ms1.4/2.17, ms1mx4.1/36, Error ellipse: s-maj=14.1km s-min=11.9km az=139.0

MOS 13 07:15:19.6, 0.9, 18.92S, 178.88E, h35km, mb5.2/46, Error ellipse: s-maj=8.7km s-min=7.5km az=144.6

ISCJB 13 07:15:21.8, 0.9, 18.91S, 0.03:178.78E, 0.03, h53km, 8km, mb4.9/76, MS4.6/25, Error ellipse: s-maj=4.9km s-min=4.1km az=23.1

NEIC 13 07:15:23.4, 1.7, 18.95S, 0.09:178.91E, 0.09, h58km, 4km, mb5.1/210

BUI 13 07:15:24.3, 0.0, 18.92S, 179.07E, h58km, mb5.2/29, mb5.4/19, Ms5.3/12, Ms7.5/0.11

GCMT 13 07:15:25.4, 0.1, 18.91S, 0.01:179.02E, 0.01, h33km, MW5.2/130, Moment Tensor Solution. s72.c114; s130.c195; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mn=0.08±.22; Mbb=1.51±.19; Mss=1.59±.18; Mtt=1.93±.26; Mtt=8.74±.14; Mtt=2.27±.24; Best double couple: M=9.32500x10^16 NPT1=86.00000°, 878.00000°, 7.12.00000°. NP2=354.00000°, 878.00000°, 7.168.00000°. Principal axes: T 9.8140, P17.0000°, Azm310.0000°, N 0.9750, P173.0000°, Azm129.0000°, P -8.8390, P170.0000°, Azm21.0000°. nstata refers to body waves, cutoff=40s. nstata refers to surface waves, cutoff=50s.

ISC 13 07:15:22.5, 0.5, 18.88S, 0.05:178.93E, 0.05, h49km, 3km, h49km; pp-P, n755, 0:198/757, mb5.0/146, MS4.4/25, 59C-27D, Fiji Islands

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, AFI, AFU, NIUE, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Cape Campbell, Tophouse, Kahutara, Lake Taylor, Oxford, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Matushiro, Matsu-Tunnel, Nakatsue, Lembang, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Rantau Prapat, Macdoel, Big Chukcawall, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BR131 Keskin Array S, BR132 Keskin Array B, BRTR Keskin Array S, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like MEM Membach, MEM Conra Observa, MEM Conra Observa, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like TIC Toumodi, TIC Toumodi, TIC Dimbokro, etc.

Table of station data for 595, including columns for station name, coordinates, and various parameters like pmax, p, and time.

Main table of station data for 2013 OCT, including columns for station name, coordinates, and various parameters like pmax, p, and time.

Table of station data for 13d 7h, including columns for station name, coordinates, and various parameters like pmax, p, and time.

REY 13 07:33:58.0, 63.82N, 22.62W, h4km, Iceland region

Table of station data for REY 13 07:33:58.0, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

REY 13 07:34:03.7, 63.80N, 22.68W, h6km

BUI 13 07:34:03.0, 63.83N, 22.77W, h6km, mb4.8/25, mB5.2/21, Ms5.2/13, Ms7.4/9/13

ISCJB 13 07:34:03.0, 63.79N, 0.02, 22.61W, 0.02, h2km, 2km, mb4.6/172, MS4.7/65, Error ellipse: s-maj=2.9km

s-min=1.5km az=9.2

IDC 13 07:34:04.9, 63.73N, 22.78W, h0km, mb4.3/38, mB1.4/444, mb1mx4.4/55, mbtmp4.3/44, ML3.3/5, MS4.6/43, Ms1.4/643, ms1mx4.6/49, Error ellipse: s-maj=12.5km

s-min=8.8km az=11.0

MOS 13 07:34:04.3, 63.75N, 22.66W, h10km, h10km, 4.5/9/103, MS4.8/19, Error ellipse: s-maj=8.6km s-min=4.4km az=118.8

GCMT 13 07:34:05.0, 63.75N, 0.01, 22.71W, 0.02, h12km, s138, c248; Duration: 150 Moment tensor: s56, c75; Nm; Mn=2.45; 12; Mw=1.79; 13; Mo=0.66; 11; Mo 1.27; 30; Mw 7.10; 09; Mr=3.73; 34; Best double couple: M=3.4050x10^16 Np1s=7.00000; 374.00000; 1.149.00000; NP2s=268.00000; 861.00000; 1.18.00000; Principal axes: T 8.5990, Plg9.0000; Azm135.0000; N -0.3880, Plg5.0000; Azm32.0000; P -8.2110, Plg33.0000; Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 13 07:34:06.3, 63.73N, 0.08, 22.71W, 0.2, h10km, 2km, mb4.8/352

ISC 13 07:34:05.9, 63.81N, 0.03, 22.54W, 0.02, h7km, 3km, n1011, i1931/1062, mb4.8/283, MS4.7/68, 5C, Iceland region

Table of station data for ISC 13 07:34:05.9, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

KRUC	Moravsky	25.57	107	eP	P	07 39 34.8	-0.3
PCBR	Castelo Branco	25.61	152	eP	P	07 39 37.2	+1.8
MOA	Molin	25.62	111	eP	P	07 39 36.1	+0.5
PTOM	Tomar	25.73	154	eP	P	07 39 36.3	+0.6
OKC	Ostrava-Krasne	25.73	104	eP	MLR	07 39 36.7	+0.1
OKC	Ostrava-Krasne	25.73	104	eP	P	07 39 36.7	+0.1
OKC	Ostrava-Krasne	25.73	104	eS	AMS	07 44 16.3	+1.1
ABTA	Abfaltersbach	25.78	115	eP	P	07 39 37.0	-0.2
KBA	Koelnbreinsper	25.85	113	eP	P	07 39 38.2	+0.3
RES	Resolute Bay	25.89	325	LR	LR	07 49 41.7	
SALO	Salir	25.92	119	I Amb	I Amb	07 39 38.6	+0.3
CTI	Castel Tesino	26.01	117	P	Pmax	07 39 39.5	+0.3
CTI	Castel Tesino	26.01	117	P	P	07 39 39.5	+0.3
PMRV	Marv???	26.02	153	eP	P	07 39 40.0	+0.7
PMRV	Marv???	26.02	153	eS	eLR	07 44 22.0	+1.2
OJC	Ojcow	26.17	101	P	P	07 39 39.9	-0.6
OJC	Ojcow	26.17	101	eP	P	07 39 39.8	-0.7
OJC	Ojcow	26.17	101	eP	P	07 39 39.9	-0.6
OJC	Ojcow	26.17	101	I Amb	I Amb	07 39 43.1	
PMTG	Montargil	26.20	154	eP	P	07 39 41.4	+0.5
CONA	Conra Observa	26.22	109	eP	P	07 39 40.8	-0.3
FRF	La Forest Royal	26.23	127	eP	Pmax	07 39 40.5	-0.6
STAL	STALIGAL	26.26	115	P	P	07 39 40.9	-0.5
MYKA	Terra Mystica	26.33	114	eP	P	07 39 42.6	+0.5
MODS	Modra-Piesok	26.47	107	eP	Pmax	07 39 45.0	+1.7
MODS	Modra-Piesok	26.47	107	eP	P	07 39 45.0	+1.7
ESBD	Sonsecsa Array	26.55	147	P	P	07 39 44.3	+0.2
ESBD	Sonsecsa Array	26.55	147	P	P	07 39 44.2	+0.1
ESDC	Sonsecsa Array	26.55	147	P	P	07 49 50.7	
ESDC	Sonsecsa Array	26.55	147	P	P	07 39 43.5	-0.7
PAB	San Pablo	26.58	147	P	Pmax	07 39 44.6	+0.2
PAB	San Pablo	26.58	147	P	P	07 39 44.6	+0.2
TEOL	Teolo	26.58	118	P	I Amb	07 39 44.2	-0.1
ARSA	Arzberg	26.61	110	eP	P	07 39 44.3	-0.3
MICGM	Minsk	26.77	87	eLR	LR	07 40 15.0	
MICGM	Minsk	26.77	87	eLR	LR	07 52 08.0	
OBKA	Obir	26.80	113	eP	P	07 39 45.9	-0.5
LANS	Liptovska Anna	26.82	103	eP	Pmax	07 39 47.4	+1.0
LANS	Liptovska Anna	26.82	103	eP	P	07 39 47.4	+1.0
LANS	Liptovska Anna	26.82	103	eP	P	07 39 46.6	-0.3
YVHS	Yhtne	27.05	105	eP	Pmax	07 39 51.0	+2.5
YVHS	Yhtne	27.05	105	eP	P	07 39 51.0	+2.5
YVHS	Yhtne	27.05	105	eP	P	07 39 49.5	+0.3
TRI	Trieste	27.13	115	P	I Amb	07 39 49.5	+0.3
ZCCA	Zocca	27.16	120	P	I Amb	07 39 50.7	+1.2
ZCCA	Zocca	27.16	120	P	I Amb	07 40 07.9	
PBEJ	Beja	27.28	154	eP	P	07 39 51.7	+1.1
MESJ	Messejana	27.39	155	eP	P	07 39 52.0	+0.4
MESJ	Messejana	27.39	155	eS	AMS	07 44 32.7	+1.0
MESJ	Messejana	27.39	155	eS	AMS	07 49 08.6	
MESJ	Messejana	27.39	155	eS	P	07 39 52.0	+0.4
PCVE	Castro Verde	27.63	155	eP	P	07 44 32.6	+1.0
CSK	Cskako	27.67	107	eP	P	07 39 53.0	-1.0
MORF	Marmelete	27.83	156	eP	P	07 39 55.9	+0.3
MORF	Marmelete	27.83	156	eS	AMS	07 44 39.5	+0.8
MORF	Marmelete	27.83	156	eS	AMS	07 49 03.6	
MORF	Marmelete	27.83	156	eS	P	07 39 55.8	+0.3
KWP	Kalwaria Pacla	27.87	99	P	P	07 39 55.2	-0.6
KWP	Kalwaria Pacla	27.87	99	P	P	07 39 55.2	-0.6
TIH	Tihany	27.88	108	eP	P	07 39 48.1	-7.9
BUD	Budapest	27.91	106	eP	P	07 39 53.0	-3.1
PVAQ	Vaqueiros	27.91	154	eS	LR	07 44 51.8	+1.2
PSZ	Piszkesteto	27.94	104	P	Pmax	07 39 56.6	0.0
PSZ	Piszkesteto	27.94	104	P	P	07 39 56.6	0.0
KOLS	Kolonickie sedl	28.20	100	eP	P	07 39 59.3	+0.5
KOLS	Kolonickie sedl	28.20	100	eP	P	07 39 59.3	+0.5
LVV	L'vov	28.31	97	eP	P	07 39 59.7	-0.1
LVV	L'vov	28.31	97	eS	SS	07 44 46.7	+0.6
LVV	L'vov	28.31	97	eS	MLR	07 46 30.4	-1.5
LVV	L'vov	28.31	97	eS	MLR	07 46 30.4	-1.5
LVV	L'vov	28.31	97	eS	MLR	07 46 30.4	-1.5
LVV	L'vov	28.31	97	eS	MLR	07 46 30.4	-1.5
UZH	Uzhgorod	28.44	101	eP	P	07 40 00.2	-0.7
UZH	Uzhgorod	28.44	101	eS	S	07 40 08.9	
UZH	Uzhgorod	28.44	101	eS	MLR	07 44 42.0	-6.0
UZH	Uzhgorod	28.44	101	eS	MLR	07 44 42.0	-6.0
UZH	Uzhgorod	28.44	101	eS	MLR	07 44 42.0	-6.0
GBN	Guysborough	28.47	248	P	P	07 40 00.7	-0.4
MURB	Monte Urbino	28.68	119	P	I Amb	07 40 03.3	+0.2
MURB	Monte Urbino	28.68	119	P	I Amb	07 40 13.8	
BATG	Bathurst New B	28.91	256	P	I Amb	07 40 03.9	-1.2
BATG	Bathurst New B	28.91	256	P	I Amb	07 40 05.0	
BLY	Banja Luka	29.31	112	P	I Amb	07 40 08.6	0.0
BLY	Banja Luka	29.31	112	P	I Amb	07 40 09.6	
KIEV	Kiev	29.97	91	P	P	07 40 13.0	-1.4
AKASG	Malin Array Be	29.97	91	P	P	07 40 13.5	-0.9
AKASG	Malin Array Si	29.97	91	P	P	07 40 13.5	-0.9
AKASG	Malin Array Si	29.97	91	P	P	07 52 34.8	
AKBB	Malin Array Si	29.97	91	P	Pmax	07 40 13.6	-0.8
AKBB	Malin Array Si	29.97	91	P	Pmax	07 40 13.6	-0.8

AKBB	Malin Array Si	29.97	91	P	P	07 40 13.6	-0.8
OBN	Obninsk	30.19	79	P	P	07 40 16.3	0.0
OBN	Obninsk	30.19	79	P	P	07 41 11.0	
OBN	Obninsk	30.19	79	P	P	07 45 19.5	+4.2
OBN	Obninsk	30.19	79	P	P	07 40 16.3	0.0
OBN	Obninsk	30.19	79	P	P	07 40 17.3	0.0
OBN	Obninsk	30.19	79	P	P	07 40 18.4	
OBN	Obninsk	30.19	79	P	P	07 40 16.0	-1.7
BURAR	Bucovina Array	30.49	99	P	P	07 40 19.8	+0.6
BURAR	Bucovina Array	30.49	99	P	P	07 40 19.4	+0.2
CHGG	Chibougamau	30.58	268	P	P	07 40 18.6	-1.2
E63A	Oxbow	30.59	257	P	P	07 40 18.9	-1.1
D61A	St Aubert, Com	30.76	260	P	P	07 40 20.6	-0.8
PMOZ	Porto Moniz, M	31.18	171	eLR	LR	07 47 48.4	
F63A	Nahant, Br	31.45	257	P	P	07 40 27.0	-0.5
G64A	Maxfield	31.66	256	P	P	07 40 29.1	-0.2
F62A	Pittston Farm,	31.67	258	P	P	07 40 29.6	+0.1
LATQ	La Tuque	31.76	263	P	P	07 40 29.8	-0.4
PKME	Peaks-Kenny Pk	31.88	257	P	P	07 40 30.7	-0.5
H65A	Eastbrook	31.88	255	P	P	07 40 30.8	-0.5
E60A	Ste Agathe de	31.95	260	P	P	07 40 31.5	-0.4
D58A	Chegin du LacG	32.02	263	P	P	07 40 31.9	-0.7
ACER	Acerenza	32.12	117	P	P	07 40 33.5	-0.1
G63A	Kingsbury	32.14	257	P	P	07 40 32.9	-0.7
H64A	Troy	32.34	256	P	P	07 40 35.1	-0.3
MLR	Muntele Rosu	32.45	101	P	Pmax	07 40 36.8	+0.3
MLR	Muntele Rosu	32.45	101	P	Pmax	07 40 36.8	+0.3
WVL	Waterville	32.59	257	P	I Amb	07 40 37.2	-0.3
WVL	Waterville	32.59	257	P	I Amb	07 40 41.9	
D56A	ZEC Mazanza, M	32.88	265	P	P	07 40 39.3	-0.9
LPSR	Galich'ya Gora	32.92	80	eP	P	07 40 39.6	-0.7
LPSR	Galich'ya Gora	32.92	80	eP	Pmax	07 40 39.6	-0.7
MDT	Midelt	32.98	152	P	P	07 40 42.3	+1.1
D55A	Sainte-Anne-du	33.22	265	P	P	07 40 43.5	+0.4
H62A	Milan	33.23	258	P	P	07 40 43.5	+0.3
KIRV	Kirov	33.34	65	P	P	07 40 45.0	+1.0
KIRV	Kirov	33.34	65	P	P	07 53 32.6	
E56A	St. Veronique	33.39	264	P	P	07 40 43.7	-0.9
CLTB	Castellotlo	33.87	124	P	I Amb	07 40 49.5	+0.6
CLTB	Castellotlo	33.87	124	P	I Amb	07 40 50.2	
VSR	Storozhevoje	34.00	82	eP	Pmax	07 40 48.8	-1.0
VSR	Storozhevoje	34.00	82	eP	Pmax	07 40 48.8	-1.0
VSR	Storozhevoje	34.00	82	eP	Pmax	07 40 48.8	-1.0
VSR	Storozhevoje	34.00	82	eP	Pmax	07 40 48.8	-1.0
VSR	Storozhevoje	34.00	82	eP	Pmax	07 40 48.8	-1.0
FRNY	Flat Rock	34.09	261	P	P	07 40 50.2	-0.4
KEST	Kesra	34.15	130	P	P	07 40 51.3	0.0
KEST	Kesra	34.15	130	P	P	07 53 44.4	
KEST	Kesra	34.15	130	P	P	07 53 44.4	
KEST	Kesra	34.15	130	P	P	07 53 44.4	
KEST	Kesra	34.15	130	P	P	07 53 44.4	
D53A	Lac Vacive, Po	34.16	267	P	P	07 40 51.0	-0.3
D53A	Lac Vacive, Po	34.16	267	P	P	07 40 50.3	-1.0
D53A	Lac Vacive, Po	34.16	267	P	P	07 40 50.3	-1.0
D53A	Lac Vacive, Po	34.16	267	P	P	07 40 50.3	-1.0
D53A	Lac Vacive, Po	34.16	267	P	P	07 40 50.3	-1.0
VORD	Divnogorie	34.24	82	eP	Pmax	07 40 51.6	-0.2
VORD	Divnogorie	34.24	82	eP	Pmax	07 40 51.6	-0.2
VORD	Divnogorie	34.24	82	eP	Pmax	07 40 51.6	-0.2
VORD	Divnogorie	34.24	82	eP	Pmax	07 40 51.6	-0.2
VORD	Divnogorie	34.24	82	eP	Pmax	07 40 51.6	-0.2
FFD	Franklin Falls	34.33	257	P	P	07 40 53.1	+0.4
HNH	Hanover	34.41	258	P	P	07 40 53.2	-0.3
ORIO	Orleans, Innes	34.45	263	P	P	07 40 55.0	+1.3
ORIO	Orleans, Innes	34.45	263	P	P	07 40 55.0	+1.3
ORIO	Orleans, Innes	34.45	263	P	P	07 40 53.8	+0.1
G57A	Newington	34.49	263	P	P	07 40 54.6	+0.6
D52A	ZEK Kipawa Sen	34.56	268	P	P	07 41 00.1	+5.4
E53A	Dumoine, Ponti	34.68	267	P	P	07 40 56.6	+0.8
VRH	Vokhopyorsky	35.13	80	eP	Pmax	07 40 57.8	-1.8
VRH	Vokhopyorsky	35.13	80	eP	Pmax	07 40 57.8	-1.8
VRH	Vokhopyorsky	35.13	80	eP	Pmax	07 40 57.8	-1.8
VRH	Vokhopyorsky	35.13	80	eP	Pmax	07 40 57.8	-1.8
VRH	Vokhopyorsky	35.13	80	eP	Pmax	07 40 57.8	-1.8
E52A	Mattawa	35.20	267	P	P	07 40 59.5	-0.6
BANO	Bancroft	35.85	265	P	P	07 41 05.7	-0.1
G53A	Haliburton	36.08	266	P	P	07 41 07.0	-0.8
AGG	Agios Georgios	36.20	111	P	Pmax	07 41 09.0	+0.1
AGG	Agios Georgios	36.20	111	P	Pmax	07 41 09.0	+0.1
AGG	Agios Georgios	36.20	111	P	Pmax	07 41 09.0	+0.1
AGG	Agios Georgios	36.20	111	P	Pmax	07 41 09.0	+0.1

13d 7h

N48A	Decatur	42.31 268	P	P	07 41 59.6	-0.3
Q53A	Leroy	42.40 267	P	P	07 42 01.0	+0.4
O49A	Covington	42.55 267	P	P	07 42 01.5	-0.4
O49A	Covington	42.55 267	P	I Amb	07 42 01.2	-0.6
P51A	Williamsport	42.56 265	P	P	07 42 01.5	-0.4
P51A	Williamsport	42.56 265	P	I Amb	07 42 01.6	-0.4
TOLK	Toolik Lake Re	42.62 334	P	P	07 42 02.9	+0.8
TOLK	Toolik Lake Re	42.62 334	P	I Amb	07 42 02.4	+0.3
BMAR	Burnt Mountain	42.63 331	P	P	07 42 01.4	-0.8
AKTO	Aktuyubinsk	42.65 69	P	P	07 42 03.5	+1.0
T58A	Grand View Acr	42.68 258	P	P	07 42 02.6	-0.3
R54A	Victor	42.73 262	P	P	07 42 03.2	-0.1
P50A	Jamestown	42.79 266	P	P	07 42 03.3	-0.5
U59A	Littleton	42.86 257	P	P	07 42 04.1	-0.2
U59A	Littleton	42.86 257	P	P	07 42 04.1	-0.2
O48A	Farmland	42.86 267	P	P	07 42 03.6	-0.7
T57A	Hurt	42.95 259	P	P	07 42 05.1	0.0
T57A	Hurt	42.95 259	P	P	07 42 04.8	-0.3
Q51A	Peebles	43.06 265	P	P	07 42 05.9	-0.2
Q51A	Peebles	43.06 265	P	I Amb	07 42 05.0	-0.4
U58A	Oxford	43.15 258	P	P	07 42 06.7	0.0
MDND	Maddock	43.18 286	P	P	07 42 07.0	+0.2
MDND	Maddock	43.18 286	P	P	07 42 06.1	-0.8
S54A	Dingess, Beckl	43.18 262	P	P	07 42 06.7	-0.4
BLA	Blacksburg	43.28 261	P	P	07 42 08.2	+0.3
R52A	Cattlettsburg	43.32 264	P	P	07 42 08.5	+0.4
TIXI	Tiksi	43.40 130eP	pmax	pmax	07 42 10.1	+1.8
TIXI	Tiksi	43.40 13	P	P	07 42 09.7	+1.4
AKH	Akhalkalaki	43.44 88	P	P	07 42 09.8	+0.6
AKH	Akhalkalaki	43.44 88	P	I Amb	07 42 09.8	+0.6
U57A	Blanch	43.46 259	P	P	07 42 09.4	+0.2
FYU	Fort Yukon	43.49 331	P	P	07 42 09.6	+0.5
T55A	Pulaski	43.52 261	P	P	07 42 09.5	-0.2
SFIN	Lafayette	43.62 269	P	P	07 42 10.1	-0.4
P48A	Milroy	43.63 267	P	P	07 42 09.4	-1.1
P48A	Milroy	43.63 267	P	I Amb	07 42 09.7	-0.9
O49A	Aurora	43.77 266	P	P	07 42 11.2	-0.5
T54A	Tazewell	43.91 262	P	P	07 42 12.3	-0.7
W60A	Pink Hill	43.92 256	P	P	07 42 13.0	+0.1
COLD	Coldfoot	43.96 334	P	P	07 42 11.5	-1.4
MAK	Makhachkala	43.97 84	eP	P	07 42 08.8	-4.4
MAK	Makhachkala	43.97 84	eS	S	07 48 40.4	-0.8
MAK	Makhachkala	43.97 84	eSS	SS	07 51 56.8	-4.2
SS2A	Salysville	44.06 263	P	P	07 42 13.9	-0.2
EGAK	Eagle	44.06 327	P	I Amb	07 42 13.3	-0.4
L40A	Anamosa	44.09 274	P	P	07 42 13.9	-0.4
L40A	Anamosa	44.09 274	P	P	07 42 14.0	-0.2
V57A	Coltrane Farms	44.11 259	P	P	07 42 14.0	-0.4
R50A	Paris	44.11 265	P	P	07 42 14.1	-0.3
R50A	Paris	44.11 265	P	P	07 42 13.8	-0.7
U55A	Tazewell	44.15 261	P	P	07 42 14.7	-0.2
Q48A	North Vernon	44.20 267	P	P	07 42 14.6	-0.5
S51A	Beattyville	44.32 264	P	P	07 42 15.8	-0.4
S51A	Beattyville	44.32 264	P	I Amb	07 42 15.7	-0.4
S51A	Beattyville	44.32 264	P	I Amb	07 42 16.8	0.0
ABKAR	Akbulak array	44.35 68	P	P	07 42 16.7	+0.5
ABKAR	Akbulak array	44.35 68	P	I Amb	07 42 16.9	+0.6
ABKAR	Akbulak array	44.35 68	P	I Amb	07 42 26.5	0.0
T53A	Wise	44.40 262	P	P	07 42 16.8	0.0
O44A	Mansfield	44.41 270	P	P	07 42 17.1	+0.2
X60A	Albert Glenn T	44.44 256	P	P	07 42 16.9	-0.1
PRP	Porcupine Dome	44.45 330	P	I Amb	07 42 17.8	+0.8
PRP	Porcupine Dome	44.45 330	P	I Amb	07 42 27.7	0.0
HDIL	Hopedale	44.45 271	P	P	07 42 17.6	+0.5
HDIL	Hopedale	44.45 271	P	I Amb	07 42 17.0	-0.1
U54A	Nelsons Funny	44.47 261	P	P	07 42 16.9	-0.6
U54A	Nelsons Funny	44.47 261	P	P	07 42 16.6	-0.8
V56A	Mocksiville	44.49 259	P	P	07 42 17.6	+0.1
V56A	Mocksiville	44.49 259	P	I Amb	07 42 17.0	-0.5
T52A	Hallie	44.49 263	P	P	07 42 17.6	0.0
DGMT	Dagmar	44.63 290	P	P	07 42 19.9	+1.4
DGMT	Dagmar	44.63 290	P	P	07 42 19.3	+0.8
S50A	Richmond	44.64 265	P	P	07 42 18.6	-0.1
V55A	Taylorville	44.77 260	P	P	07 42 19.8	+0.1
U53A	Fall Branch	44.94 262	P	P	07 42 21.1	0.0
S49A	Springfield	44.95 266	P	P	07 42 20.7	-0.4
GNI	Garni	45.01 88	P	P	07 42 22.4	+0.6
GNI	Garni	45.01 88	P	pmax	07 42 22.6	+0.8
GNI	Garni	45.01 88	P	I Amb	07 42 22.6	+0.8
GNI	Garni	45.01 88	P	I Amb	07 42 31.5	0.0
N41A	Harden Midland	45.02 273	P	P	07 42 21.7	0.0
N41A	Harden Midland	45.02 273	P	P	07 42 21.9	+0.2
WCI	Wyandotte Cave	45.03 267	P	P	07 42 21.7	-0.1
WCI	Wyandotte Cave	45.03 267	P	pmax	07 42 21.1	-0.6
WCI	Wyandotte Cave	45.03 267	P	pmax	07 42 21.1	-0.6

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WCI	comp-Z,14nm,0.8s	45.03 264	P	I Amb	07 42 23.9	0.0
T51A	Gray	45.03 264	P	P	07 42 21.6	-0.3
TAM	Tamanrasset	45.04 142	P	pmax	07 42 21.7	-0.5
TAM	Tamanrasset	45.04 142	P	I Amb	07 42 21.7	-0.5
TAM	Tamanrasset	45.04 142	P	I Amb	07 42 22.1	0.0
X58A	Rowland	45.05 257	P	I Amb	07 42 21.9	-0.1
SCIA	State Center	45.10 276	P	P	07 42 22.4	+0.1
SCIA	State Center	45.10 276	P	P	07 42 21.5	-0.8
W56A	Indian Trail	45.10 259	P	P	07 42 21.6	-0.7
ECSD	EROS Data Cent	45.12 280	P	P	07 42 22.2	-0.3
ECSD	EROS Data Cent	45.12 280	P	I Amb	07 42 22.3	-0.2
V54A	Nebo	45.15 261	P	P	07 42 22.6	-0.2
POKR	Poker Plat Res	45.21 331	P	P	07 42 21.2	-1.7
TZTN	Tazewell	45.21 263	P	P	07 42 24.6	+1.3
TZTN	Tazewell	45.21 263	P	P	07 42 23.2	0.0
P43A	Skaggs, Pawnee	45.30 271	P	P	07 42 24.2	+0.3
P43A	Skaggs, Pawnee	45.30 271	P	P	07 42 23.9	0.0
T50A	Nancy	45.38 265	P	P	07 42 24.1	-0.5
IL31	IL31	45.39 330	P	I Amb	07 42 24.2	-0.1
ILAR	Eielson Array	45.39 330	P	P	07 42 23.8	-0.6
ILAR	Eielson Array	45.39 330	P	PcP	07 44 03.0	-0.3
ILAR	Eielson Array	45.39 330	P	LL	08 01 52.2	0.0
ILAR	Eielson Array	45.39 330	P	P	07 42 23.6	-0.7
ILAR	Eielson Array	45.39 330	P	P	07 42 23.6	-0.7
OLIL	Olney	45.41 269	P	I Amb	07 42 24.8	0.0
OLIL	Olney	45.41 269	P	I Amb	07 42 26.2	0.0
KMSC	Kings Mountain	45.42 260	P	P	07 42 25.0	+0.1
KMSC	Kings Mountain	45.42 260	P	I Amb	07 42 24.3	-0.6
COLA	College	45.51 331	iP	pmax	07 42 25.5	+0.3
COLA	College	45.51 331	P	I Amb	07 42 25.2	-0.1
COLA	College	45.51 331	P	I Amb	07 42 35.5	0.0
U51A	La Follette	45.56 263	P	P	07 42 26.3	+0.3
SUSD	Miller	45.58 283	P	P	07 42 26.4	+0.3
SUSD	Miller	45.58 283	P	I Amb	07 42 25.5	-0.6
T49A	Edmonton	45.62 265	P	P	07 42 26.3	-0.2
T49A	Edmonton	45.62 265	P	I Amb	07 42 26.1	-0.4
V53A	Saluda	45.62 262	P	P	07 42 26.5	-0.1
V53A	Saluda	45.62 262	P	P	07 42 26.2	-0.4
BCAR	Beaver Creek A	45.65 326	P	P	07 42 26.3	-0.1
DOT	Dot Lake	45.70 328	P	I Amb	07 42 27.5	+0.6
IMAR	Indian Mountain	45.74 335	P	P	07 42 26.7	-0.3
Y58A	Scranton	45.74 257	P	P	07 42 27.3	-0.1
Y58A	Scranton	45.74 257	P	P	07 42 26.7	-0.7
RIDG	Independent Ri	45.81 328	P	P	07 42 28.6	+0.8
V52A	Sevierville	45.82 262	P	P	07 42 28.1	0.0
WHY	Whitehorse	45.83 321	P	I Amb	07 42 28.4	+0.4
WHY	Whitehorse	45.83 259	P	I Amb	07 42 30.1	0.0
X56A	White Oak	45.84 259	P	P	07 42 28.1	-0.1
W54A	Cherokee Point	45.84 261	P	P	07 42 28.6	+0.4
USIN	University of	45.85 268	P	P	07 42 27.7	-0.6
U50A	Jamestown	45.89 264	P	P	07 42 28.6	+0.1
PAULI	Pauline	45.90 260	P	I Amb	07 42 28.5	-0.2
JSC	Jenkinsville	46.11 259	P	pmax	07 42 30.2	-0.2
JSC	Jenkinsville	46.11 259	P	P	07 42 30.2	-0.2
V51A	Loudon	46.19 263	P	I Amb	07 42 30.7	-0.3
V51A	Loudon	46.19 263	P	I Amb	07 42 36.1	0.0
W53A	Culowhee	46.20 262	P	P	07 42 30.9	-0.2
U49A	Red Boiling Sp	46.22 265	P	P	07 42 30.6	-0.7
MENT	Mentasta	46.23 327	P	I Amb	07 42 32.3	+1.3
BG3	Lake Jocassee	46.24 261	P	P	07 42 31.2	-0.2
Z58A	St. Stephen	46.29 257	P	P	07 42 31.7	-0.1
X54A	Beth	46.38 260	P	P	07 42 32.5	+0.1
T47A	Sharon Grove	46.41 267	P	P	07 42 32.6	-0.1
T47A	Sharon Grove	46.41 267	P	P	07 42 32.4	-0.3
HYT	Haines Junctio	46.42 322	P	P	07 42 33.0	+0.4
SLM	Saint Louis	46.44 271	P	pmax	07 42 32.5	-0.4
SLM	Saint Louis	46.44 271	P	P	07 42 34.0	+0.1
CPCT	Cooper Cave	46.56 263	P	I Amb	07 42 34.6	0.0
HODGE	Hodges	46.59 260	P	I Amb	07 42 34.0	-0.2
HODGE	Hodges	46.59 260	P	I Amb	07 42 34.6	0.0
W52A	Murphy	46.60 262	P	P	07 42 34.2	0.0
W52A	Murphy	46.60 262	P	I Amb	07 42 33.3	-0.9
W52A	Murphy	46.60 262	P	I Amb	07 42 41.1	0.0
PAX	Paxson	46.62 328	P	pmax	07 42 34.7	+0.5
PAX	Paxson	46.62 328	P	I Amb	07 42 34.7	+0.5

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RLMT Red Lodge, U40A Yellowstone, ZALV Zalesovo Beam, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like AHID Auburn Hatcher, PLID Pearl Lake, US2A Winter Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ABTX Abilene, J05D Fort Rock, I04A Tendick Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like elevation and coordinates.

ANF 13 08:26:17.8, 1.8, 64.94N:138.83W, h10km, ML4.7/3, Error ellipse: s-maj=27.3km s-min=7.8km az=159.0

AEIC 13 08:26:18.2, 0.0, 65.01N:0.04, 138.97W, h0.08, h9km, 6km NEIC 13 08:26:19.1, 1.1, 8.65:03N:0.04:138.97W, h0.08, h10km, 3km

ISC 13 08:26:17.3, 1.8, 65.05N:0.02:138.83W, h0.03, h3km, 12km, n152, s178/207, mb3.8/8, Northern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details.

MRB 13 09:17:35.2, 0.4, 41.99N:2.01E, h12km, 2km, MLO, 8/7, Error ellipse: s-maj=1.6km s-min=1.2km az=275.0

13d 9h

MDD 13 09:17:35.6:0.3,42:01N-1.99E,h0km,mbLg1.1/4, Error ellipse: s-maj=2.8km s-min=2.2km az=19.0,PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like ORISTA, BRUGUERA, MIRACLE, etc.

LDG 13 09:17:45.9:0.1,41:98N-2:02E,h4km,ML1.7/6, Error ellipse: s-maj=1.9km s-min=1.2km az=156.0

MRB 13 09:17:46.2:0.4,41:98N-2:01E,h12km,2km,ML1.2/19, Error ellipse: s-maj=1.5km s-min=1.5km az=43.0

MDD 13 09:17:46.3:0.3,41:98N-2:01E,h11km,mbLg1.6/11, Error ellipse: s-maj=2.9km s-min=2.3km az=169.0, PRXIMO,Spain

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like ORISTA, BRUGUERA, MIRACLE, etc.

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Table with columns: CSOR Sort, Time, Res, h m s ISC. Lists stations like LA JONQUERA, SAINT JEAN DE CAR, etc.

ISC 13 09:43:28.4:1.1,12:18N-60:86W,h0km,mb3.7/7, mb1.4/10,mb1mx3.8/39,mbtmp3.9/10,ML4.3/7, Error ellipse: s-maj=26.3km s-min=22.1km az=100.0

ISC:JB 13 09:43:36.7:0.4,11:80N:0:03:61:12W:0:04:h76km,3km,mb3.5/7, Error ellipse: s-maj=5.9km s-min=4.1km az=19.7

NEIC 13 09:43:37.4:2.2,11:84N:0:06:60:99W:0:07,h61km,19km,mb4.2/6

TRN 13 09:43:37.0:1.1,11:98N-60:94W,h2km,MD4.0

ISC 13 09:43:37.6:0.1,11:88N:0:03:61:10W:0:04,h65km,7km, n91,c298/107,mb3.9/10,Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like GRENVILLE, SAUTEURS, SISTERS, etc.

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Table with columns: LPMF, Morne Lapointe, Fort de France, etc. Lists stations and their coordinates.

ISC:BJ 13 09:53:03.0:0.3,11:56N:0:04:143:11E:0:06,h32km, mb4.3/19,MS3.2/10, Error ellipse: s-maj=8.2km s-min=6.2km az=15.9

ISC 13 09:53:07.4:2.3,11:60N:143:22E,h56km,20km,mb4.0/18, mb1.4/19,mb1mx3.9/40,mbtmp4.2/19,ML3.6/1,MS2/13, MS1.3/13,ms1mx3.0/38, Error ellipse: s-maj=17.0km s-min=11.8km az=91.0

NEIC 13 09:53:08.1:1.5,11:51N:0:09:143:1E:0:1,h62km,5km,mb4.2/7

ISC 13 09:53:04.6:0.4,11:54N:0:06:143:14E:0:08,h32km,n116,c1801/106,mb4.7/40,MS3.2/10,South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like GUMO Guam, SARIGAN, etc.

Table with columns: VCA, TCA, VCA, TCA, TCA. Includes station names like VAO 13, ISJCJB 13, NEIC 13 and their respective coordinates and parameters.

VAO 13 10:49:59.9, 0.5, 9.67S; 72.29W, h16km, mbR3.9
ISJCJB 13 10:50:00.6, 0.2, 9.74S; 0.03x72.31W, 0.03, h33km,
mb4.2/17, MS3.47, Error ellipse: s-maj=5.0km
s-min=3.4km az=141.6

Main table on the left side of the page, listing various stations (NNA, ANAH, ATAH, etc.) with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters.

Main table in the middle of the page, listing various stations (SVB, BB19B, OBIP, etc.) with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters.

Table on the right side of the page, listing various stations (ZAA1, ZALV, ZALV, etc.) with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters.

NEIC 13 11:54:33.0, 2.3, 44.40S; 0.04x168.02E, 0.08, h4km, 5km
ML4.1/19, MLV4.0/23, Error ellipse: s-maj=0.0km
s-min=0.0km az=112.8

Main table on the right side of the page, listing various stations (JCZ, WZK, WZK, etc.) with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, STKA Stephens Creek, ZALV Zalesovo Beam.

ISCJBJ 13 12:31:07.4z+1.1, 0.1380N, 121.17E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.3/43, mbtmp3.6/3, 1D, Error ellipse: s-maj=367.7km s-min=32.8km az=39.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SUI Sorong, BATI Baumata, FITZ Fitzroy Cross, WRA Warrungarra Arr.

ISCJBJ 13 12:48:30.8z+0.9, 7.10S, 0.06z+129.7E, 0.1, h139km, n7, c308/11, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IMMV Iera Moni Meta, GVD Gavdhos, KTHA Kythira Island, LAST Lasithi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, APE Apeiranthos, VLY Voula, Athens.

NIED 13 13:12:00.37, 9.0N, 143.80E, h5km, Mw3.5 Best double couple: M2.33000, 0.14 N1.1z=220.00000, 84.100000, lambda=70.00000, NP2.0z=14.00000, delta=1.00000, lambda=107.00000

ISCJBJ 13 13:12:44.7z+1.4, 3.771N, 144.06E, h0km, mb3.7/4, mb1 3.8/7, mb1mx3.6/37, mbtmp3.6/7, ML3.5/2, Error ellipse: s-maj=34.3km s-min=25.8km az=114.0

ISCJBJ 13 13:12:47.4z+0.7, 37.88N, 0.04z+143.86E, 0.05, h33km, mb3.7/4, Error ellipse: s-maj=6.2km s-min=4.8km az=29.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakikubo, JIKM Kesennumamotoy, JIKJ Okunoto, JIKK Ashikaga.

MAN 13 13:13:20.2, 13.80N, 120.25E, h16km, mb3.8, ML2.6, MS2.1, C, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LUBP Lubang, PGP Puerto Galera, OTRP Odiangan.

EAF 13 13:26:25.7z+0.3, 3.84S, 35.97E, h27km, n1km, 1D, Tanzanzi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BBAT Babati, KOND Kondoa, SINGT Singida.

ISCJBJ 13 13:53:47.7z+0.8, 36.68N, 0.06z+71.2E, 0.1, h200km, Error ellipse: s-maj=13.1km s-min=5.1km az=151.1

NNC 13 13:53:55.1z+3.6, 3.7z+23N, 71.11E, h215km, 39km, mb2.5, mpv3.5, Error ellipse: s-maj=32.3km s-min=23.6km az=29.0

ISC 13 13:53:46.4z+1.4, 36.74N, 0.09z+71.0E, 0.1, h200km, n19, c247/23, 7C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, KK31 Karatay Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JYRN Jiri, AKTO Aktyubinsky, AKTO 3.7nm, 1.4s.

ISCJBJ 13 13:55:12.0z+0.5, 27.55N, 0.03z+104.13E, 0.05, h10km, mb3.6/7, MS2.9/4, Error ellipse: s-maj=6.9km s-min=4.7km az=168.7

ISCJBJ 13 13:55:12.3z+0.9, 27.46N, 104.13E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/35, mbtmp3.7/8, MS3.0/5, Ms1 3.0/5, ms1mx2.7/37, Error ellipse: s-maj=33.9km s-min=18.2km az=53.0

BUI 13 13:55:13.2z+0.0, 27.54N, 104.02E, h9km, ML3.9/17, ISC 13 13:55:13.4z+0.7, 27.55N, 0.04z+104.09E, 0.04, h10km, n15, c1970/21, mb3.8/7, MS2.9/4, 1C, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GYA Guiyang, KMI Kunming, CHENGDU Chengdu, XAN Xi'an, CMAR Chiang Mai Arr, SONM Songpa Array.

ISCJBJ 13 14:12:33.5z+0.9, 42.64N, 0.03z+34.43E, 0.05, h1km, 6km, Error ellipse: s-maj=6.6km s-min=4.7km az=175.2

SIGU 13 14:12:35.7, 42.57N, 34.23E, h22km, ISK 13 14:12:36.5, 42.46N, 34.47E, h15km, ML3.1/4, DDA 13 14:12:36.2, 42.45N, 34.49E, h8km, 2km, ML3.3

ISC 13 14:12:34.2z+1.5, 42.62N, 0.04z+34.51E, 0.04, h7km, n15, 1km, n16, c996/28, Black Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BZK Bozkurt, SINO SINOP_Merkel, KAST KASTAMONU, KAGI orum-Kargi, KURC Kurucastle-Bar.

ISC 13 14:28:56.9z+0.9, 45.47N, 151.88E, h0km, mb3.9/17, mb1 4.0/23, mb1mx3.9/43, mbtmp3.8/23, ML2.7/6, MS3.4/1, Ms1 3.4/1, ms1mx2.5/33, Error ellipse: s-maj=24.6km s-min=15.6km az=159.0

SKHL 13 14:28:58.0z+0.8, 44.47N, 152.04E, h58km, 5km, mb4.3/1, ISCJBJ 13 14:28:59.5z+0.4, 45.42N, 0.06z+151.88E, 0.06, h30km, mb3.9/21, MS3.4/1, Error ellipse: s-maj=10.2km s-min=3.5km az=145.7

NIED 13 14:29:00, 45.70N, 151.80E, h11km, Mw4.3 Best double couple: M2.74000, 0.105 N1.1z=164.00000, delta=0.00000, lambda=177.00000, NP2.0z=71.00000, delta=0.00000, lambda=85.00000

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Tuman, Golovinino, Nemuro-Hokkai, Severo-Kuril's, Asahikawa, Ermo, Erim, Petropavlovsk, etc.

Table with columns: LTXAR, Lajitas, 78.90, 60, P, P, 14 41 02.2 +0.1, 14 41 02.2 +0.1. Includes KHC, Kasperke Hory, GECZ, GERRSS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes EAF 13 14:46:54.6:0.4, 5.09S:35.41E, h35km, 2km, Tanzania. Includes KOND, Kondo, BBAT, Babati, KIBA, Kibaya, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes IDC 13 15:14:50.1:1.9, 19.96S:176.81W, h343km, 21km, mb3.4/5, mb1 3.6/8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes NIUE, Niue, AFI, Afiamalu, FUNA, Funafuti, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes ARMA, Arma, CTAO, Charters Tower, TOO, Toolangi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes STKA, Stephens Creek, BBOO, Buckleboe, AS31, Alice Springs, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes KCP, Kidapawan, CTBH, Cotabato-PC H, CTBH, Bagumbayan, Su, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes IDC 13 15:31:55.1:4.3, 8.89S:125.11E, h0km, mb4.1/1, mb1 3.7/4, etc.

Table with columns: FITZ, Fitzroy Crossi, 9.17, 177, Pn, Pn, 15 34 07.5 -1.4, 15 35 52.8 0.0. Includes WRA, Warramunga Arr, ASAR, Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes NEIC 13 15:58:15.8:2.1, 35.57N:0.04:107.81W:0.06, h0km, 1km, ML2.776, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes Y22D, IRIS PASCAL I, Y22D, IRIS PASCAL I, Y22D, IRIS PASCAL I, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV01, Paradox Valley, PV13, Radium Mtn, P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV03, comp=N, 40nm, 0.6s, PV18, Skein Mesa, Pa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV07, Paradox Valley, PV07, Paradox Valley, PV07, Paradox Valley, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV04, Paradox Valley, PV14, Lion Creek, Pa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV23, Carpenter Ridge, PV22, Blue Mesa, Pa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PV21, Cone Mtn, P, 3.08, 342, Pn, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes PKCU, Pink Cliffs, SRU, San Rafael Swe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes LCMT, Little Creek M, RDMU, Red Mountain, etc.

ISC 136:14:14.0.4, 36.75N, 074:17.42E, 0:04, h150km, n239, c188/253, mb4.3/66, 25C-20D, Afghanistan-Tajikistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Garm, Kabul, Herat, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Akbulak array, Buzovoye array, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Fines, VYHS, MORC, etc.

13d 17h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TORO, INK, YKA, WRA, ASAR.

ISCJB 13 17:03:35.7±1.9, 27.2S; 0.4x177.5W; 0.2, h250km, Error ellipse: s-maj=60.6km s-min=22.4km az=163.1

ISC 13 17:03:37.1±1.6, 27.1S; 0.5x177.5W; 0.2, h250km, m11, c091112, Kermadec Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like DZM, ASAR, WRA, KRSR, PETK, USRK, NVAR, CMAR, NOA, AKASG, BRTR.

NIED 13 17:20:00, 23.00N; 122.90E, h20km, Mw4.7. Best double couple: M1: 41000, -016 NP1: 158, 00000; 880, 00000; 1, 0, 00000; NP2: 248, 00000; 890, 00000; 1, -170, 00000

IDC 13 17:20:51.8±0.6, 23.02N; 123.01E, h0km, mb4.2/24, mb1 4.3/27, mb1mx4.3/36, mbtmp4.2/27, ML3.8/3, MS3.8/5, Ms1 3.8/5, ms1mx3.3/49, Error ellipse: s-maj=16.2km s-min=12.6km az=89.0

JMA 13 17:20:54.5±0.1, 22.99N; 122.88E, h48km, M4.8

NEIC 13 17:20:54.2±2.1, 23.05N; 0.05x122.94E; 0.05, h17km, 3km, mb4.3/23

BUI 13 17:20:54.7±0.0, 23.21N; 122.79E, h7km, mb4.4/46, mb4.8/14, ML4.4/5, Ms4.2/27, Ms7.4, 1/27

TAP 13 17:20:55.9±23.01N; 122.85E, h59km, ML5.2, D

ISC 13 17:20:53.5±2.5, 23.01N; 123.12290E; 0.02, h11km, 16km, n247, s189/373, mb4.2/40, MS4.0/6, 7C-47D, Taiwan region

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including HATJ, CHKT, CHKT, JYNG, HGSD, YOJ, YOJ, YOJ, ENLB, ENLB, EGFH, EGFH, TWF1, TWF1, IRIF, YULB, YULB, YULB, HWA, HWA, EHY, EHY, ESL, ESL, LAY, LAY, JKRS, JKRS, TWD, TWD, TTD, TTD, NACB, NACB, NACB, EOST, EOST, TWGBT, TWGBT, TWGT, TWGT, TWG, TWG, TWG, TWG, JJI, JJI, NANB, NANB, NANB, NANB, ETLH, ETLH, ETLH, ENA.

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Main table with columns: ENA, Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including WVDW, WVDW, YUS, YUS, WHF, WHF, SSSL, SSSL, SSSL, TAW, TAW, NNSB, NNSB, STYT, STYT, STYT, ALS, ALS, NNS, NNS, EAST, EAST, WHYT, WHYT, TWT, TWT, TWT, JISG, JISG, ENTT, ENTT, NDT, NDT, SMLT, SMLT, ILA, ILA, TWE, TWE, TWE, TYC, TYC, DPDB, DPDB, NTC, NTC, NTC, SLGT, SLGT, SLGB, SLGB, SSD, SSD, TPUB, TPUB, TPUB, WTP, WTP, MASBT, MASBT, SGST, SGST, CHN4, CHN4, WJS, WJS, TWB1, TWB1, TSEB, TSEB, YHNB, YHNB, YHNB, NNLW, NNLW, NSK, NSK, TIPB, TIPB, WHP, WHP, CHN1, CHN1, CHN1, SCZT, SCZT, TWKBT, TWKBT, TWK1, TWK1, TWK1, WNT, WNT, SNST, SNST, SNST, HEN, HEN.

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Main table with columns: HEN, Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations including HEN, TWK, TWK, SGLT, SGLT, SGLT, WKG, WKG, WDLH, WDLH, WDLH, CHN2, CHN2, CHN2, NWF, NWF, WFSB, WFSB, WFSB, TWM1, TWM1, TWA, TWA, TWA, JTJ, JTJ, NHDH, NHDH, NHDH, CHY, CHY, CHY, TCU, TCU, CHN3, CHN3, CHN3, TATO, TATO, TATO, TATO, TATO, TATO, LIOB, LIOB, LIOB, NSTT, NSTT, NSTT, WLTB, WLTB, WLTB, SNJT, SNJT, SNJT, TAP, TAP, TAP, WCHH, WCHH, WCHH, NSY, NSY, NSY, WLCH, WLCH, WLCH, KAU, KAU, KAU, TWP, TWP, TWP, WLBG, WLBG, WLBG, YMO1, YMO1, YMO1, YMO1, YMO1, NMLH, NMLH, NMLH, WDJ, WDJ, WDJ, YM11, YM11, YM11, TAI1, TAI1, TAI1, TAI1, PTSB, PTSB, PTSB, YMO8, YMO8, YMO8, TWS1, TWS1, TWS1, YMO3, YMO3, YMO3, SBCB, SBCB, SBCB, RLNB, RLNB, RLNB, CHN8, CHN8, CHN8, SCLT, SCLT, SCLT, NCU, NCU, NCU, NCU, NCU, ANP, ANP, ANP, ANP, HSN, HSN, HSN.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NTST, WSF, TWY, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like MAJO, MAT, MJAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DBIC, BUI, MOS, etc.

Table with columns for station name, coordinates, and seismic data. Includes stations like PALK, STKI, BWNR, KKM, SHL, JAGI, KMI, KAP, etc.

Table with columns for station name, coordinates, and seismic data. Includes stations like KAPI, PKI, BNSI, DUN, KKN, BKS, LSA, etc.

Table with columns for station name, coordinates, and seismic data. Includes stations like AAI, DHRM, PSAI, PSAO, PSAD, PSAB, PSAC, etc.

CIT		e	pmax	pmax	17 42 56.4
MDJ	comp=Z,225nm,1.1s				
MDJ	Mudanjiang	50.13 31	pP	pP	17 41 36.9 +1.0
MDJ			pP	pP	17 41 50.4 +0.3
MDJ			sP	sP	17 41 57.0 +0.8
MDJ			S	S	17 48 42.6 -1.1
MDJ			sS	sS	17 49 06.1 -1.4
MDJ			ScS	ScS	17 51 23.9 +1.3
MDJ			SS	SS	17 52 16.0 -1.6
MDJ	comp=Z,91nm,1.2s				
MDJ			pmax	pmax	
MDJ	comp=Z,940nm,8.0s				
MDJ			LR	LR	
MDJ	comp=Z,1µm,23.1s				
MDJ			LR	LR	
MDJ	comp=Z,2µm,23.5s				
MDJ			LR	LR	
MDJ	comp=Z,2µm,23.4s				
MDJ	Mudanjiang	50.13 31	P	P	17 41 36.1 +0.2
MDJ			IAMB	IAMB	17 41 38.5
MDJ	comp=Z,158nm,1.2s				
MDJ			IAMS_20	IAMS_20	18 03 17.4
COEN	Coen	50.14 112	P	P	17 41 36.3 -0.1
COEN			IAMB	IAMB	17 41 35.8 -0.7
COEN			IAMB	IAMB	17 41 37.5
VLA	Vladivostok	50.35 34c	iP	pmax	17 41 38.2 +0.6
VLA			pmax	pmax	
MJB9	comp=Z,172nm,1.1s				
MJB9	Matsu-Tunnel	50.57 45	P	P	17 41 39.7 +0.3
MJB9			IAMB	IAMB	17 41 54.9
MJB9	comp=Z,92nm,1.1s				
MJB9			PcP	PcP	17 42 58.4 +1.7
MJB9			IAMS_20	IAMS_20	18 04 08.1
MAJO	Matsushiro	50.57 45d	iP	P	17 41 39.3 -0.1
MAJO			pmax	pmax	
MAJO	comp=Z,51nm,0.9s				
MAJO	Matsushiro	50.57 45	P	P	17 41 39.7 +0.3
MAJO			IAMB	IAMB	17 41 54.9
MAJO	comp=Z,94nm,1.1s				
MAJO			PcP	PcP	17 42 58.4 +1.8
MAJO			PcP	PcP	17 42 57.9 +1.3
MAJO	comp=Z,2µm,20.0s				
MAT	Matsushiro	50.57 45	P	P	17 41 38.8 -0.6
MAT			S	S	17 48 55.6 +5.4
MAT			S	S	17 41 38.6 -0.8
MJAR	Matsushiro Arr	50.57 45	P	P	17 42 57.9 +1.2
MJAR			PcP	PcP	17 42 57.1 -1.4
MJAR	comp=Z,24nm,0.8s,baz=249,slow=4.6,SNR=10.0		ScP	ScP	
MJAR	comp=Z,12nm,1.2s,baz=234,slow=4.0,SNR=9.0		LR	LR	18 04 20.1
MJAR	comp=Z,2µm,20.8s,baz=240,slow=3.6		LR	LR	
MJAR	Matsushiro Arr	50.57 45	P	P	17 41 39.5 0.0
MJAR			pmax	pmax	
MJAR	comp=Z,40nm,1.3s				
MJAR	Zalesovo Arr	50.57 45	P	P	17 41 39.5 0.0
ZAA0	Zalesovo Array	50.65 352	P	P	17 41 38.6 -1.0
ZALV	Zalesovo Beam	50.65 352	P	P	17 41 38.5 -1.2
ZALV	comp=Z,182nm,0.7s,baz=180,slow=7.4,SNR=319				
ZALV	comp=Z,31nm,0.4s,baz=173,slow=7.3,SNR=4.6		pP	pP	17 41 54.0 +0.2
ZALV			PcP	PcP	17 42 56.2 -0.2
ZALV	comp=Z,15nm,0.6s,baz=159,slow=3.5,SNR=1.0		ScP	ScP	17 46 49.0 +0.7
ZALV	comp=Z,5.4nm,1.0s,baz=116,slow=3.4,SNR=3.0		S	S	17 48 49.2 -1.4
ZALV	comp=Z,2.5nm,0.7s,baz=171,slow=1.0,SNR=4.0		LR	LR	18 06 44.3
ZALV	comp=Z,804nm,19.4s,baz=148,slow=4.0				
ZALV	Zalesovo Beam	50.65 352	P	P	17 41 38.8 -0.8
ZAA1	Zalesovo Array	50.65 352	P	P	17 42 56.2 -0.3
USA0B	Ussuriysk Arra	51.11 33	pmax	pmax	17 41 43.2 -0.1
USA0B			pmax	pmax	
USA0B	comp=Z,74nm,1.0s		MLR	MLR	
USA0B	Ussuriysk Arra	51.11 33	P	P	17 41 43.2 -0.1
USA0B			IAMB	IAMB	17 41 45.3
USA0B	comp=Z,74nm,0.9s				
USA0B			IAMS_20	IAMS_20	18 07 28.1
USRK	Ussuriysk Arr	51.11 33	P	P	17 41 43.1 -0.2
USRK			pP	pP	17 41 56.8 -0.7
USRK	comp=Z,64nm,0.9s,baz=255,slow=6.8,SNR=72				
USRK	comp=Z,15nm,0.7s,baz=238,slow=6.1,SNR=5.5		LR	LR	18 05 12.9
USRK	comp=Z,1µm,19.6s,baz=218,slow=3.6				
MANU	Manus Island	51.76 96	P	P	17 41 48.6 0.0
RAYN	Ar Rayn	52.36 297	iP	P	17 41 54.2 +1.2
RAYN			P	P	17 41 54.3 +1.2
RAYN	comp=Z,59nm,0.8s		pmax	pmax	
RAYN			MLR	MLR	
RAYN	comp=Z,3µm,20.0s				
RAYN	Ar Rayn	52.36 297	P	P	17 41 54.3 +1.2
RAYN			IAMB	IAMB	17 41 56.1
RAYN	comp=Z,59nm,0.8s				
RAYN			IAMS_20	IAMS_20	18 03 52.3
MTSU	Mount Surprise	52.51 116	P	P	17 41 54.2 0.0
BBOO	Buckleboo	52.75 137	P	P	17 41 56.4 +0.6
PMG	Port Moresby	52.76 105f	eP	pmax	17 41 55.8 -0.3
PMG			pmax	pmax	
PMG	Port Moresby	52.76 105	P	P	17 41 55.8 -0.3
ATD	Arta Tunnel	53.05 281	P	P	17 42 02.3 +4.0
ABPO	Ambohpanpanom	53.08 243	P	P	17 41 59.4 +0.8
ABPO			pmax	pmax	
ABPO	comp=Z,53nm,1.1s		MLR	MLR	
ABPO	comp=Z,1µm,18.0s				
ABPO	Ambohpanpanom	53.08 243	P	P	17 41 59.4 +0.8
BRVK	Borovoye	53.30 341	P	P	17 41 58.3 -1.1
BRVK			P	P	17 41 58.3 -1.1
BRVK	SNR=32				
BRVK	Borovoye	53.30 341	iP	pmax	17 41 58.9 -0.5
BRVK			pmax	pmax	
BRVK	comp=Z,110nm,1.0s				
BRVK	Borovoye	53.30 341	P	P	17 41 58.6 -0.8
BRVK			IAMB	IAMB	17 42 00.4
TEY	Ternei	54.20 35j	eP	pmax	17 42 05.3 -0.8
TEY			pmax	pmax	
TEY	comp=N,10.0nm,1.1s				
TEY			pmax	pmax	
TEY	comp=Z,30nm,1.1s				
TEY			pmax	pmax	
KLR	Kul'dur	54.40 28	P	P	17 42 07.8 +0.2
KLR	comp=E,173nm,1.1s,baz=242,slow=7.1,SNR=146		iP	P	17 42 07.6 +0.1
KLR			pmax	pmax	
AB31	Akbulak array	54.49 332	iP	P	17 42 08.1 -0.1
AB31			pmax	pmax	
ABKAR	Akbulak array	54.49 332	P	P	17 42 08.0 -0.2
CTA	Charters Tower	54.89 118	P	P	17 42 12.0 +0.4
CTA			pmax	pmax	
CTA	comp=Z,236nm,1.2s				
CTAO	Charters Tower	54.89 118	P	P	17 42 11.8 +0.2
CTAO			pmax	pmax	
CTAO	comp=Z,225nm,1.1s		MLR	MLR	
CTAO	comp=Z,2µm,22.0s				
CTAO	Charters Tower	54.89 118	P	P	17 42 11.8 +0.2
CTAO	Charters Tower	54.89 118	IAMS_20	IAMS_20	18 06 04.3
HDD	Hallett	55.08 136	P	P	17 42 13.2 +0.4
BOD	Bodaibo	55.56 12	eP	pmax	17 42 14.0 -1.7
BOD			pmax	pmax	
QLP	Qulipie	55.70 126	P	P	17 42 17.9 +0.7

ZEA	baz=56,SNR=30				
ZEA	Zeya	55.84 22	eP	P	17 42 17.5 -0.3
ZEA			e	e	17 42 32.0
ZEA			eS	SS	17 50 08.0 +6.8
ZEA			eSS	pmax	17 53 46.0 -1.5
ZEA	comp=N,170nm,1.0s				
ZEA			pmax	pmax	
ZEA	comp=E,110nm,1.0s				
ZEA			pmax	pmax	
ZEA	comp=Z,270nm,1.0s				
ZEA			pmax	pmax	
ZEA	comp=Z,1µm,7.0s				
ZEA			smax	smax	
ZEA	comp=E,700nm,11.0s				
ZEA			MLR	MLR	
ZEA	comp=E,1µm,16.0s				
ZEA			MLR	MLR	
STKA	comp=N,2µm,14.0s				
STKA	Stephens Creek	56.15 133	P	P	17 42 20.6 +0.1
STKA			P	P	17 42 20.8 +0.3
STKA	baz=56,SNR=52				
STKA	Stephens Creek	56.15 133	P	P	17 50 03.7 -2.4
STKA	comp=N,49nm,0.7s,baz=305,slow=8.7,SNR=67		S	S	
STKA	comp=N,3.1nm,1.1s,baz=30,slow=20,SNR=2.0		LR	LR	18 09 44.5
STKA	comp=N,974nm,20.2s,baz=301,slow=4.0		P	P	17 42 21.2 +0.7
STKA	Stephens Creek	56.15 133	P	P	17 42 21.2 +0.7
STKA			pmax	pmax	
STKA	comp=Z,15nm,0.9s				
STKA	Stephens Creek	56.15 133	P	P	17 42 21.2 +0.7
AKTO	Aktyubinsk	56.21 332	S	S	17 50 02.8 -3.4
AKTO	comp=Z,4.5nm,0.9s,baz=338,slow=29,SNR=8.3		pP	pP	
AKTO	Aktyubinsk	56.21 332	P	P	17 42 19.2 -1.3
AKTO			pmax	pmax	
ERM	Erino	56.59 41c	iP	pmax	17 42 23.5 +0.1
ERM			pmax	pmax	
ERM	comp=Z,43nm,0.8s				
ERM	Erino	56.59 41	IAMS_20	IAMS_20	18 06 34.9
ERM	comp=Z,2µm,21.0s				
FURI	Furi	57.05 278	IAMS_20	IAMS_20	18 03 32.3
ASAJ	Asahikawa	57.27 39	P	P	17 42 28.1 0.0
ASAJ	comp=Z,48nm,0.7s,baz=259,slow=6.8,SNR=31		LR	LR	18 08 34.4
GRNR	Gorny	57.67 29	eP	P	17 42 30.4 -0.5
GRNR			pmax	pmax	
GRNR	comp=N,42nm,1.1s				
GRNR			pmax	pmax	
MAK	Makhachkala	57.81 320	eP	pP	17 42 31.7 -0.3
MAK			e'SP	e'SP	17 42 46.3 -0.1
MAK			MAK	MAK	17 44 38.1
MAK			e'SS	e'SS	17 50 26.6 -0.9
MAK			MAK	MAK	17 45.4 +1.1
MAK			e'SS	SS	17 54 21.6 +2.7
MAK	comp=Z,50nm,0.6s				
MAK			MLR	MLR	
DDFL	Dedoflitskaro	58.04 317	iP	P	17 42 36.3 +2.6
CUKT	Cukurca	58.12 312	iP	P	17 42 34.2 -0.3
CUKT			IAML_P	IAML_P	
LGD	Lagodexhi	58.13 318	P	P	17 42 35.7 +1.4
HAKT	HAKKARI	58.17 312	iP	P	17 42 35.8 +0.9
HAKT			IAML_P	IAML_P	
GNI	Garni	58.43 316	P	P	17 42 37.0 +0.4
GNI	comp=Z,32nm,1.0s,baz=330,slow=8.1,SNR=2.3				
GNI	Garni	58.43 316	iP	P	17 42 37.6 +1.0
GNI	SNR=5.2				
GNI	Garni	58.43 316c	iP	pmax	17 42 37.2 +0.6
GNI			pmax	pmax	
DGRG	David-gareji	58.54 317	P	P	17 42 37.7 +0.5
DGRG	David-gareji	58.54 317	iP	P	17 42 38.4 +1.2
DGRG			IAML_P	IAML_P	
CLDR	Caldiran	58.62 314	iP	P	17 42 39.6 +1.6
CLDR			IAML_P	IAML_P	
IGDI	IGDIR	58.79 315	iP	P	17 42 40.6 +1.6
IGDI			IAML_P	IAML_P	
YSS	Yuzh-Sakhalins	58.83 36	eP	P	17 42 39.1 +0.1
YSS			eS	S	17 50 39.1 -1.6
YSS			pmax	pmax	17 51 03.4
YSS	comp=Z,130nm,1.0s				
YSS			MLR	MLR	
YSS	comp=N,1µm,13.0s				
YSS			MLR	MLR	
KMBO	Kilima Mbogo	58.85 266	P	P	17 42 42.5 +2.5
KMBO			MLR	MLR	
KMBO	comp=E,1µm,19.2s,baz=94,slow=33		LR	LR	18 05 36.4
KMBO	SNR=13				
KMBO	Kilima Mbogo	58.85 266	P	P	17 42 43.0 +2.9
KMBO	SNR=9.6				
KMBO	Kilima Mbogo	58.85 266	IAMS_20	IAMS_20	18 05 04.5
ARPS	Mount Arapiles	58.91 138	P	P	17 42 39.8 +0.1
ARPS	baz=59,SNR=11				
GEVA	Gevas	58.92 313	iP	P	17 42 41.4 +1.3
GEVA			IAML_P	IAML_P	
DYDN	Diyadin	58.94 314	iP	P	17 42 42.4 +2.2
DYDN			IAML_P	IAML_P	
BTNK	Botanikuri	59.03 317	P	P	17 42 41.6 +1.0
BTNK	Botanikuri	59.03 317	iP	P	17 42 42.4 +1.8
BTNK			IAML_P	IAML_P	
GROC	Groznyy	59.03 319	eP	pP	17 42 40.8 +0.3
GROC			e'PP	e'PP	17 42 54.9 -0.1
GROC			e'SP	e'SP	17 43 00.7 -0.3
GROC			e	e	17 43 29.1
GROC			eS	S	17 44 52.2

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Vitosha, Agios Georgios, Litokhoron, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Peshkopia, Paberze, Sarande, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MORC, MODS, AREO, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Marv??o, Hardin Lake, Porcupine Dome, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Missoula, Mali Ridge, Macdoel, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like St Evariste, G1974 Best Top, La Victoria, etc.

H57A	Richville	131.16	352	P	PKIKP	17 51 52.8	-0.4
ECSD	EROS Data Cent	131.19	12	P	PKIKP	17 51 53.1	-0.2
ECSD	EROS Data Cent	131.19	12	P	PKIKP	17 51 53.5	+0.2
MURC	Murrieta	131.26	37	P	PKIKP	17 51 54.7	+0.9
H55A	Tweed	131.31	353	P	PKIKP	17 51 53.2	-0.3
GMRC	Granite Mounta	131.34	35	P	PKIKP	17 51 54.6	+0.5
DELO	Deloro Mine	131.39	354	P	PKIKP	17 51 54.0	+0.3
DELO	Deloro Mine	131.39	354	IAMS_20	IAMS_20	18 31 47.1	
GLMI	Grayingl	131.43	1	P	PKIKP	17 51 54.0	+0.2
I60A	Shoreham	131.43	350	P	PKIKP	17 51 54.0	+0.3
H53A	Bobcaygeon	131.43	355	P	PKIKP	17 51 53.5	-0.2
I59A	Olmsteadville	131.57	350	P	PKIKP	17 51 54.1	0.0
H43A	Windswept, Lux	131.67	4	P	PKIKP	17 51 54.5	+0.3
H43A	Windswept, Lux	131.67	4	IAMS_20	IAMS_20	18 55 39.3	
CLWO	Collingwood	131.68	356	P	PKIKP	17 51 54.2	-0.1
BELC	Belle Mtn. Jos	131.70	36	P	PKIKP	17 51 55.7	+0.9
HFO	Phynon Flats O	131.70	37	P	PKIKP	17 51 55.2	+0.4
P46A	Fife Lake	131.70	1	P	PKIKP	17 51 54.5	+0.2
TPFO	Pinon Flats	131.71	37	P	PKIKP	17 51 55.5	+0.6
I57A	Carthage	131.72	352	P	PKIKP	17 51 54.6	+0.2
J61A	Henniker	131.74	348	P	PKIKP	17 51 55.9	+1.5
J62A	Chester	131.77	349	P	PKIKP	17 51 55.8	+1.3
I58A	Old Forge	131.86	351	P	PKIKP	17 51 55.0	+0.3
J59A	Plesco	132.00	351	P	PKIKP	17 51 55.7	+0.7
J60A	Lant Hill Farm	132.03	350	P	PKIKP	17 51 55.7	+0.7
PV16	Nyswonger Mesa	132.05	26	IAMS_20	IAMS_20	18 54 09.9	
I52A	Shelburne	132.06	356	P	PKIKP	17 51 55.1	0.0
I48A	Sherman Twp	132.06	360	P	PKIKP	17 51 55.5	+0.5
IRM	Iron Mountain	132.08	35	P	PKIKP	17 51 56.9	+1.4
DRWO	Darlington Wes	132.14	355	P	PKIKP	17 51 55.7	+0.5
ISCO	Idaho Springs	132.15	22	P	PKIKP	17 51 55.9	+0.1
ISCO	Idaho Springs	132.15	22	IAMS_20	IAMS_20	18 58 35.4	
I42A	Draefer Farm,	132.16	5	P	PKIKP	17 51 54.8	-0.5
K63A	Dunstable	132.19	348	P	PKIKP	17 51 55.8	+0.5
MONP	2 Monument Peak	132.22	37	P	PKIKP	17 51 56.8	+0.8
J52A	Remsen	132.23	351	P	PKIKP	17 51 55.8	+0.4
BC3	Big Chuckwall	132.26	36	P	PKIKP	17 51 56.8	+0.9
J57A	Williamstown	132.28	352	P	PKIKP	17 51 55.9	+0.4
I49A	Point Hope	132.30	359	P	PKIKP	17 51 55.2	-0.3
I51A	Listowel	132.32	357	P	PKIKP	17 51 55.2	-0.5
PDMCI	Parker Dam,Lak	132.55	34	P	PKIKP	17 51 57.6	+1.3
SWSC	Sam W. Stewart	132.56	37	P	PKIKP	17 51 57.1	+0.8
IKP	In-Ko-Pah, Jac	132.58	37	P	PKIKP	17 51 57.9	+1.4
J55A	Hilton	132.65	354	P	PKIKP	17 51 57.7	-0.5
J54A	Appleton	132.72	355	IAMS_20	IAMS_20	18 55 28.4	
Y12C	Blythe	132.73	35	P	PKIKP	17 51 57.8	+1.1
MEDO	Medina	132.81	354	P	PKIKP	17 51 56.5	-0.1
K58A	Earlville	132.87	352	P	PKIKP	17 51 57.3	+0.6
J48A	Bridge Port	132.95	360	P	PKIKP	17 51 56.7	-0.1
NBLI	Livramento-PB	133.00	264	eP	PKPdf	17 51 56.5	-0.2
TYNO	Tyneside	133.00	356	P	PKIKP	17 51 57.1	+0.1
JFWS	Jewell Farm	133.00	6	P	PKIKP	17 51 56.7	-0.3
K57A	Scipio Center	133.02	352	P	PKIKP	17 51 57.5	+0.5
BGNE	Belgrade	133.05	14	P	PKPdf	17 51 56.5	+0.5
GLA	Glamis	133.06	36	P	PKIKP	17 51 58.3	+0.8
WUAZ	Wupaki	133.12	31	P	PKIKP	17 51 58.1	+0.4
MVCO	Mesa Verde	133.14	27	P	PKIKP	17 51 58.0	+0.2
K56A	Middlesex	133.15	353	P	PKIKP	17 51 57.5	+0.1
K55A	Perry	133.21	354	P	PKIKP	17 51 57.5	+0.1
K54A	Basillko Farm,	133.38	355	P	PKIKP	17 51 57.8	0.0
K43A	Burlington	133.39	4	P	PKIKP	17 51 57.5	-0.2
K43A	Burlington	133.39	4	IAMS_20	IAMS_20	18 59 49.5	
S22A	4UR Ranch, Cre	133.43	25	P	PKIKP	17 51 59.8	+1.4
K48A	Perry	133.45	0	P	PKPdf	17 51 57.1	+0.4
BINY	Binghamton	133.47	352	P	PKIKP	17 51 58.4	+0.4
K46A	Dorr	133.54	2	P	PKPdf	17 51 57.2	+0.4
K47A	Vermontville	133.57	1	P	PKIKP	17 51 57.7	-0.4
SCIA	State Center	133.59	9	P	PKIKP	17 51 57.7	-0.5
L58A	Harry Jones Me	133.60	352	P	PKIKP	17 51 58.8	+0.5
L40A	Anamosa	133.73	7	P	PKPdf	17 51 57.8	+0.6
L56A	Greenwood	133.73	353	P	PKIKP	17 51 58.6	+0.1
L55A	Hinsdale	133.78	354	P	PKIKP	17 51 58.7	+0.1
L54A	Sinclairville	133.81	355	P	PKIKP	17 51 58.3	-0.3
ERPA	Erie	133.98	356	P	PKIKP	17 51 59.9	-0.1
M59A	Waymart	134.03	351	P	PKIKP	17 51 59.4	+0.2
L49A	Milan	134.14	360	P	PKIKP	17 51 59.1	-0.2
L48A	N Adams	134.31	0	P	PKIKP	17 51 59.0	-0.6
M57A	Emporium	134.45	354	P	PKIKP	17 51 59.6	-0.4
M56A	Sunshine Farm,	134.47	353	P	PKIKP	17 52 00.3	+0.3
M55A	Ridgway	134.52	354	P	PKIKP	17 51 60.0	-0.2
M54A	Oil Creek Stat	134.56	355	P	PKIKP	17 51 59.8	-0.4
N60A	Cedar Hill Far	134.63	350	P	PKIKP	17 52 01.4	+1.1
M52A	Chesterland	134.64	357	IAMS_20	IAMS_20	18 57 37.1	
M53A	WI Miller and	134.71	356	P	PKIKP	17 52 00.4	-0.1
M44A	Midewin, Midew	134.72	4	P	PKIKP	17 52 00.0	-0.5

NBIT	Itapah - BA	134.73	253	eP	PKPdf	17 52 00.1	+0.4
M49A	Liberty Center	134.78	360	P	PKPdf	17 51 59.6	+0.4
M47A	Cromwell	134.87	2	P	PKIKP	17 52 00.4	-0.4
N58A	Sunbury	134.90	352	P	PKIKP	17 52 00.6	-0.3
T25A	Trinidad	134.93	23	P	PKIKP	17 52 01.1	-0.2
N56A	West Decatur	135.02	354	P	PKIKP	17 52 01.1	-0.1
214A	Organ Pipe Nat	135.03	35	P	PKIKP	17 52 01.7	+0.3
CBK5	Cedar Bluff	135.04	17	IAMS_20	IAMS_20	18 57 14.6	
N57A	Milroy	135.09	353	P	PKIKP	17 52 01.0	-0.3
N41A	Harden Midland	135.11	7	P	PKPdf	17 52 00.1	+0.2
N54A	Moraine State	135.13	356	P	PKIKP	17 52 00.9	-0.5
O60A	Telford	135.22	351	P	PKIKP	17 52 01.2	-0.3
N55A	Marion Center	135.22	355	P	PKIKP	17 52 00.9	-0.7
SSPA	Standing Stone	135.25	353	P	PKIKP	17 52 01.5	-0.1
N51A	Ashland	135.31	358	P	PKIKP	17 52 01.0	-0.8
N49A	Columbus Grove	135.33	0	P	PKIKP	17 52 01.0	-0.7
N47A	Urbana	135.34	2	P	PKPdf	17 52 00.7	+0.4
N53A	Lisbon	135.34	357	P	PKIKP	17 52 01.4	-0.4
O59A	Robesonia	135.35	351	P	PKIKP	17 52 01.3	-0.6
N48A	Decatur	135.38	1	P	PKPdf	17 52 01.0	+0.7
N52A	McGinn's Farm,	135.38	357	P	PKIKP	17 52 01.5	-0.4
N50A	Nevada	135.47	359	P	PKIKP	17 52 01.5	-0.6
K5U1	Kansas State U	135.61	14	P	PKIKP	17 52 01.9	-0.5
O58A	Lewisberry	135.64	352	P	PKIKP	17 52 02.4	-0.1
O57A	Amberson	135.64	353	P	PKIKP	17 52 02.3	-0.1
O56A	Blue Knob Stat	135.69	354	P	PKIKP	17 52 02.6	0.0
P60A	Greenville	135.75	351	P	PKIKP	17 52 02.4	-0.3
SPIN	Lafayette	135.78	3	P	PKIKP	17 52 02.1	-0.6
O55A	Ligier	135.82	355	P	PKIKP	17 52 02.5	-0.3
TUC	Tucson	135.90	33	P	PKIKP	17 52 03.8	+0.6
O53A	New Philadelphia	135.92	357	P	PKIKP	17 52 02.4	-0.6
O54A	Aveila	135.94	356	P	PKIKP	17 52 02.5	-0.5
ANMO	Albuquerque	135.94	27	P	PKIKP	17 52 03.1	-0.4
O48A	Farmland	135.98	1	P	PKPdf	17 52 02.0	+0.5
ACSO	Alum Creek Sta	136.01	359	P	PKIKP	17 52 02.5	-0.7
O49A	Covington	136.06	0	P	PKPdf	17 52 02.2	+0.6
P59A	Jarrettsville	136.07	351	P	PKIKP	17 52 03.0	-0.3
O51A	Pataskala	136.08	358	P	PKIKP	17 52 02.8	-0.6
O52A	Adamsville	136.09	358	P	PKPdf	17 52 02.4	+0.7
O50A	Cable	136.10	359	P	PKIKP	17 52 02.6	-0.8
P58A	Pank, Wackersv	136.31	352	P	PKIKP	17 52 03.3	-0.5
P43A	Skaggs, Pawnee	136.32	6	P	PKIKP	17 52 03.5	-0.3
P57A	Homestead Farm	136.41	353	P	PKIKP	17 52 03.8	-0.2
MCWV	Mont Chateau	136.42	355	P	PKIKP	17 52 04.2	+0.2
P56A	Dayton Farm, R	136.47	354	P	PKIKP	17 52 03.7	-0.5
P54A	Burton	136.52	356	P	PKIKP	17 52 03.7	-0.6
P46A	Roadside	136.53	4	P	PKIKP	17 52 03.5	-0.8
P55A	Reedsville	136.56	355	P	PKIKP	17 52 03.7	-0.7
P52A	Coltrane	136.58	358	P	PKPdf	17 52 03.3	+0.7
P50A	Jamestown	136.64	360	P	PKPdf	17 52 03.3	+0.6
P49A	Whipple	136.69	357	P	PKIKP	17 52 03.8	-0.8
P53A	Miami Univ.-3	136.71	1	P	PKPdf	17 52 03.4	+0.5
P51A	Williamsport	136.76	359	P	PKPdf	17 52 03.6	+0.7
P51A	Williamsport	136.76	359	IAMS_20	IAMS_20	18 58 31.0	
P48A	Milroy	136.77	2	P	PKPdf	17 52 03.6	+0.6
O57A	Strasbourg	136.89	354	P	PKIKP	17 52 04.3	-0.8
O58A	Fox Den Farm,	136.90	353	P	PKIKP	17 52 04.2	-0.8
O56A	Snyder Ridge,	136.97	354	P	PKIKP	17 52 04.8	-0.4
O55A	Buckhannon	137.09	355	P	PKIKP	17 52 05.0	-0.5
O54A	Coxs Mills	137.16	356	P	PKIKP	17 52 05.1	-0.5
O53A	Peebles	137.22	359	P	PKPdf	17 52 04.6	+0.8
SLM	Saint Louis	137.23	7	IAMS_20	IAMS_20	18 50 26.5	
O49A	Aurora	137.24	1	P	PKPdf	17 52 04.2	+0.4
O52A	Bidwell	137.25	358	P	PKPdf	17 52 04.5	+0.7
O48A	Mont Vernon	137.29	2	P	PKPdf	17 52 04.8	+0.8
121A	Cookes Peak, D	137.29	30	P	PKPdf	17 52 05.1	+0.8
Q53A	Rapidan	137.32	357	P	PKIKP	17 52 05.1	-0.8
Q50A	Georgetown	137.40	360	P	PKPdf	17 52 04.9	+0.8
U32A	Winter Ranch,	137.41	18	IAMS_20	IAMS_20	18 51 17.0	
R58A	Rapidan	137.57	353	P	PKPdf	17 52 04.3	-0.1
R56A	Bull Pasture M	137.62	355	P	PKIKP	17 52 06.0	-0.6
R57A	Starnardsville	137.63	354	P	PKIKP	17 52 05.9	-0.6
CCM	Cathedral Cave	137.66	8	P	PKPdf	17 52 05.3	+0.6
CCM	Cathedral Cave	137.66	8	IAMS_20	IAMS_20	18 57 17.0	
FVM	French Village	137.85	7	IAMS_20	IAMS_20	18 54 44.9	
R53A	Hurricane	137.87	358	P	PKPdf	17 52 06.0	+0.9
R58B	Mineral	137.89	353	P	PKIKP	17 52 06.5	-0.6
R52A	Cattlettsburg	137.89	358	P	PKPdf	17 52 05.9	+0.8
R5							

13d 17h

Table with columns: BIRD, Birdtown, Kers, 141.44 355, IAMS_20, IAMS_20, 18 59 19.2, etc. Lists various bird species and their associated data points.

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Table with columns: DWPF, Disney Wildern, 148.01 356, P, PKPbc, 17 52 27.1 +0.9, etc. Lists bird species and their associated data points.

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Table with columns: THE 13 17:43:51.6, 35:34N-23:24E, h10km, ML3.8/9, Error, etc. Lists bird species and their associated data points.

MAN 13 17:36:31.1, 4.69N-127.42E, h28km, mb5.2, ML4.1, MS4.2, 2C-1D, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists bird species and their associated data points.

13d 17:43:42.3, 0.9, 35:20N-23:19E, h0km, mb4.0/21, mb1.4/25, mb1mx/0.47, mbtmp/0.025, ML4.0/2, MS4.3/1, MS1.4/3.1, ms1mx/2.836, Error ellipse: s-maj=19.7km s-min=15.9km az=18.0

NEIC 13 17:43:44.2, 0.5, 35:20N-23:17E, h0km, h23km, 5km ICSJB 13 17:43:48.0, 0.4, 35:20N-23:17E, h0km, h30km, 3km, mb3.8/22, Error ellipse: s-maj=5.8km s-min=3.0km az=135.4

HLW 13 17:43:48.2, 35:50N-23:39E, h30km, 15km, MH.0 ATH 13 17:43:50.6, 35:35N-23:23E, h41km, 1km, ML3.9/14, Error ellipse: s-maj=2.2km s-min=0.8km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHOS Chios island, SKIA Skiathos, GCAM G?zelcam?, SLUM Salum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Array, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

KRNET 13 17:55:00.3-0.1, 41.86N, 72.68E, h15km, mb2.5

SOME 13 17:55:00.7-0.6, 41.83N, 72.68E, h5km

KINET 13 17:55:01.7-0.6, 41.87N, 72.77E, h9km, 3km, ml1.9, Error

SCM 13 17:55:02.3-0.9, 41.93N, 72.69E, h9km, 4km, mb3.0

ISC 13 17:55:00.0-1.0, 41.86N, 0.03-72.68E, h13km, 10km, n36, e0.67, 60, 260-180, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARK Arkit, ARS Arslanbob, AML Almayashu, etc.

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

SJA 13 18:20:05.0-3.0, 8.34, 57S, 73.07W, h15km, 76km, ML3.7, MW3.9

ISCJB 13 18:10:14.1, 1.1, 4.34, 57S, 0.05, 72.22W, 0.09, h12km, 8km, Error ellipse: s-maj=13.7km s-min=6.2km az=25.5

GUC 13 18:10:15.2, 0.6, 34, 62S, 71.95W, h29km, 5km, ML3.8

ISC 13 18:10:14.4, 1.5, 34, 58S, 0.05, 72.16W, 0.09, h28km, 15km, n13, e200/24, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANTU Antutapu, COCH Cobquecura, LMEL Las Melosas, etc.

DDA 13 18:43:30.7, 36.15N, 35.83E, h21km, 1km, ML3.1

ISCJB 13 18:43:31.6, 0.5, 36, 18N, 0.02-35.83E, 0.03, h8km, 4km, Error ellipse: s-maj=4.0km s-min=3.6km az=143.2

ISK 13 18:43:33.4, 36.31N, 35.81E, h25km, ML2.7, 13

ISC 13 18:43:31.6, 1.0, 36, 17N, 0.03-35.83E, 0.03, h13km, 9km, n47, e0.88/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YAYL Yayladag, KRAT Karatas-Adana, YURE YUREGIR, etc.

ISCJB 13 18:46:43.9, 0.7, 38, 6S, 0.1, 78, 0E, 0.2, h10km, mb3.9/11, MS3.7/8, Error ellipse: s-maj=22.0km s-min=17.2km az=3.8

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Table with columns: MOYG, LFU, PAVA, COEG, IXG, MTO3, NBG, FUG, LCND, MRL, STG3. Includes station names like La Fuente, Las Pavas, Centro de Oper, etc.

MAN 13 20:27:50.8, 13:41N:124:36E, h57km, mb4.4, ML3.3, MS3.1, 2C, Luzon

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Virac, Catarman, San Andres, etc.

JMA 13 20:54:09.4:0.2, 23:01N:122:86E, h49km, M3.3. TAP 13 20:54:10.9, 23:01N:122:84E, h57km:1km, ML3.9, D. ISC 13 20:54:05.9:1.3, 23:01N:0.03:122:89E:0.02, h7km:10km, n122.81521/237, 1C-4D, Taiwan region

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hateruma jima, Chengkung, Ruisui, etc.

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Main table with columns: Station Name, Magnitude, Duration, Phase ID, Time, Res. Includes stations like NNSB, EAST, NNS, WHYT, TWT, etc.

13d 20h

Table with columns: Station Name, Magnitude, Duration, Phase ID, Time, Res. Includes stations like WFSB, TWA, NHDH, CHY, etc.

MAN 13 22:49:41.1,11.09N:124.69E,h4km,mb4.3,ML3.1,MS2.8,1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like OCLP Ormoc, PLP Palo, MSLP Maasin.

IDC 13 22:58:06.6:0.8,5.17S:-151.45E,h220km,9km,mb3.4/3, mb1 3.5/5,mb1mx3.1/30,mbtmp4.0/5, Error ellipse: s-maj=35.5km s-min=14.2km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat, PMG Port Moresby, GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

THR 13 23:12:54.6:29.99N:57.85E,h15km,ML3.6 TEH 13 23:12:54.2:29.94N:57.78E,h10km,ML3.7

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CHMN Cheshme madani, TVBK TV Kerman.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRBR Kerman, NGRK Negar Kerman.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KHGB Koh Gabri.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KHNJ Kahnooj, BSRN Basiran.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like IBAF Bafgh, ZHFS Zahedan.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ZHFS Zahedan, ZHSP Zahedan-imp.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like IKOO Kooshah, GENO Geno.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like IMEH Mehriz, TPRV Parvadeh(Tabas).

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like IDAH Dahanechah, IMON Monand.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like TKDS Koohdash(Taba), TABS Tabas.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like UGLR Uglrova, ISAD Sadrabad.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like TNSJ Nastaj, IPAY Payeh.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like IAKL Akhmelad, IKRD Kardeh.

IDC 13 23:13:26.5:7.2,47N:126.63E,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.5/46,mbtmp3.9/4, Error ellipse: s-maj=128.4km s-min=101.8km az=128.0, Northern Molucca Sea

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

ISCJJB 13 23:19:02.8:0.5,50.66N:0.02:89.86E:0.03,h10km, Error ellipse: s-maj=3.7km s-min=2.1km az=138.4

ASRS 13 23:19:04.6:0.2,51.1N:1.0E:0.05,h1km,MLH3.7/22, smi.org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi.org.gfz-potsdam.de/geofon/isp91 confirmed

NNC 13 23:19:05.4:6.2,50.51N:0.78E,h20km,2.7km,mb3.8, mpv3.4, Error ellipse: s-maj=50.2km s-min=22.0km az=95.0

ISC 13 23:19:07.0:0.8,50.61N:0.03:89.73E:0.03,h10km,n28, i=180/57,9C-8D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CUR Chagan-Uzun, UGLR Ulagan, SLNR Muhor-Tarhata, AKAR Akdash, CHBI Chibit, DGZ Jazzator, ARTR Artybash, TUNR Tungur, TASN Tashtagol, CERR Cheremushki, VEH Verkhnyaya Baz.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GALT Gorno-Altaysk, ARDR Aradan, LUZB Luzhba, UKR Ust-Kan, KZLR Kyzyl, ELTsov Eltsovka, TJUR Tadzha, ZAAO Zalesovo Array.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SALR Pechorkino, MINR Mina, BRKR Berchikul, KHAR Kharin, NVS Novosibirsk, MK31 Makanchi Array.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, KURBB Kurchatov, KURBS Kurchatov.

LSZ 13 23:41:17.9:0.3,12.10S:30.39E,h10km,MD3.0

ISC 13 23:41:24.1:3.5,9.95S:0.29:6E:0.1,h10km,n3,0:08/56, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KSMZ Kasama, KSMZ Matopo, MATP Matopo.

IDC 13 23:44:48.8:6.5,51.06N:158.11E,h107km,38km,mb3.5/7, mb1 3.6/8,mb1mx3.2/76,mbtmp3.8/8, Error ellipse: s-maj=69.1km s-min=44.7km az=134.0

KRSC 13 23:44:48.9:1.3,51.14N:158.51E,h71km,19km,ML4.2

ISC 13 23:44:46.3:1.1,50.9N:0.2:158.3E:0.1,h90km,18km,n33, i=136/46,mb3.9/7,East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like RUS Ruskaya, MUTV Mutnovka, GRL Gorelyy, KRMR Karymshinskiy, PET Petropavlovsk, DALK Dalny, PETK Petropavlovsk, UGLR Uglrova, NLC Nalytchevo, NLC Avacha, SMAR Somma, KOK Koryaka, SDLR Sedlovina, KRER Koryakskiy, SPN Mys Shipunskiy, KRK Arik, KRX Ganaly, KIL Karymskiy, KZV Kizimen.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1S2 WAKE ISLAND.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, BVAR Borovoye Array, FINES FINESS Array, NB2 NORPAR Array, GERES GERES Array, MMAI Mount Meron Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1S2 WAKE ISLAND.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like MKAR Makanchi Array, BVAR Borovoye Array, FINES FINESS Array, NB2 NORPAR Array, GERES GERES Array, MMAI Mount Meron Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CUR Chagan-Uzun, UGLR Ulagan, SLNR Muhor-Tarhata, AKAR Akdash, CHBI Chibit, DGZ Jazzator, ARTR Artybash, TUNR Tungur, TASN Tashtagol, CERR Cheremushki, VEH Verkhnyaya Baz.

NIED 13 23:46:00.35:80N:140.90E,h5km,Mw3.5 Best double

ISCJJB 13 23:46:34.9:0.8,35.79N:0.03:140.92E:0.07,h19km,4km, mb3.5/4, Error ellipse: s-maj=8.9km s-min=4.9km az=176.6

JMA 13 23:46:35.0:0.1,35.79N:140.92E,h13km,1km,M3.8 JMA Fell II J1

IDC 13 23:46:40.4:0.4,1,36:33N:140:39E,h0km,mb3.5/4, mb1 3.6/4,mb1mx3.3/68,mbtmp3.5/4, Error ellipse: s-maj=93.6km s-min=30.3km az=165.0

ISC 13 23:46:35.8:0.9,35.78N:0.03:140.84E:0.05,h10km,6km, n23, i=45/27,mb3.6/4,5C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CHOJ Chosi, JIHU Itakohorinouch, JSMT Sammatsuo, JHYU Hitachinakayama, JCHN Nagara, JYNT Yasato, JKUC kamogawauchiur, JHO Hitachi, JSO4 Boso, BS01 Boso, BS03 Boso, MJAR Matushiro Arr, MJAR Matushiro, MAT Matushiro, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1N3 WAKE ISLAND, SONM Songoingyo Array, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1S2 WAKE ISLAND, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array.

ISCJJB 13 23:53:13.2:0.5,35.84N:0.05:70.32E:0.05,h50km, mb3.8/8, Error ellipse: s-maj=7.2km s-min=4.9km az=29.3

IDC 13 23:53:15.2:4.7,35.88N:70.48E,h52km,31km,mb3.7/9, mb1 3.7/15,mb1mx3.4/63,mbtmp3.9/15,ML3.6/6, Error ellipse: s-maj=45.0km s-min=17.3km az=153.0

NNC 13 23:53:24.6:4.6,36.60N:70.16E,h81km,129km,mb3.9, mpv4.0, Error ellipse: s-maj=46.5km s-min=20.8km az=150.0

ISC 13 23:53:15.4:0.8,35.96N:0.08:70.45E:0.06,h50km,n39, i=170/44,mb3.8,5C-5D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like AML Almayashu, UCH Uch-Kul, KK31 Karatay Array, KK31 Kyzart, EK2S Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, USP Oshpenovka, TKM2 Tokmak 2, TKM2 Tokmak 2, GEYT Alibek, GYA0B ALIBEK ARRAY, GYA0B ALIBEK ARRAY, DANN Dangsing, MKAR Makanchi Array, GKN Gorkha, DMN Daman, KKN Kakani, PKN Pulchokii, PKI Pulchokii, AB31 Akbulak array, AB31 Akbulak array, JIRN Jirani, KURBB Kurchatov Arra, TAPN Tappelejev, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, BVAR Borovoye Array, ZALV Zalesovo Beam, ARU Arti, NRIK Norik, FINES FINESS Array, ARCES ARCES Array, NB2 NORPAR Array, NIXA Nixia, TORD Torodi Arr, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, XMAS Johnston Island, etc.

NIC 14 01:13:27.6:0.0,36.98N:32.04E,h24km,57km,M13.3/3
ISK 14 01:13:30.6,36.94N,31.78E,h5km,ML3.3/3.4
DDA 14 01:13:31.1,36.93N,31.74E,h10km,1km,ML3.4
IDC 14 01:13:34.1,2.6,37.19N:32.13E,h0km,mb4.0/3,
mb1 3.9/4,mb1mx3.4/29,mbtpp3.7/4,ML2.2/1,Error
ellipse: s-maj=42.7km s-min=2.3km az=130.0
ISC 14 01:13:32.3:1.0,36.91N:0.02:31.78E:0.02,h7km,8km,
n99,r123/124,mb4.0/3,Turkey

Main table of station data for the 627 page, listing various stations like Antalya-Kepez, Gazipasa, Konya-Merem, etc.

Main table of station data for the 2013 OCT page, listing stations like MERSIN, AFYO Afyonkarahisar, NATA, etc.

Main table of station data for the 2013 OCT 18 17d 2h page, listing stations like WRA, GSPA, FITZ, etc.

ISCJB 14 02:11:34.7:0.4,24.71N:0.02:121.55E:0.02,h76km,3km,
Error ellipse: s-maj=4.2km s-min=2.5km az=144.4
GSPS 14 02:11:34.2:0.1,24.65N:121.49E,h76km,1km,M2.7
TAP 14 02:11:34.8,24.71N:121.53E,h74km,ML3.5,A
ISC 14 02:11:35.4:1.3,24.70N:0.03:121.54E:0.03,h72km,6km,
n73,r047/129,Taiwan

14d 3h

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

ISCJB 14 02:28:17.0, 0.5, 26.44S, 0.04, 27.46E, 0.04, h8km, 3km, mb3.4/2, Error ellipse: s-maj=6.2km s-min=5.2km

PRE 14 02:28:17.3, 1.5, 26.47S, 27.43E, h2km, ML2.8, ID 14 02:28:17.4, 1.26, 38S, 27.07E, h0km, mb3.4/2, Error ellipse: s-maj=106.0km s-min=18.2km az=113.0

ISC 14 02:28:17.7, 0.9, 26.45S, 0.03, 27.43E, 0.04, h5km, 5km, n15, c0577/27, South Africa

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

2013 OCT

comp=Z,1nm,0.4s,baz=159,slow=7.9,SNR=3.4

IDC 14 02:40:59.5, 2.6, 19.30S, 177.46W, h342km, 24km, mb3.5/7, mb1 3.9/8, mb1mx3.6/22, mbtmp4.3/8, Error ellipse: s-maj=46.6km s-min=14.3km az=149.0

ISC 14 02:41:00.4, 1.1, 18.8S, 0.3, 177.7W, 0.2, h350km, n22, c25129, mb3.8/7, Fiji Islands region

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

IDC 14 03:02:24.9, 62.0, 22.48S, 179.56W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.9/1, mbtmp4.1/3, Error ellipse: s-maj=119.0km s-min=154.7km az=85.0, South of Fiji Islands

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

ISC 14 03:18:58.0, 0.2, 28.05N, 0.02, 102.87E, 0.02, h10km, mb4.4/68, MS4.0/33, Error ellipse: s-maj=3.3km s-min=3.0km az=161.3

MOS 14 03:18:58.1, 1.4, 28.08N, 102.89E, h12km, mb4.8/42, Error ellipse: s-maj=7.0km s-min=4.6km az=111.8

IDC 14 03:18:58.1, 0.5, 27.95N, 102.96E, h0km, mb4.4/33, mb1 4.5/33, mb1mx4.4/57, mbtmp4.4/33, MS4.0/32, MS1 4.0/32, ms1mx3.8/53, Error ellipse: s-maj=14.9km s-min=11.3km az=47.0

NEIC 14 03:18:60.0, 2.6, 28.09N, 0.06, 102.87E, 0.08, h15km, 2km, mb4.6/67

BUI 14 03:19:00.3, 0.0, 27.97N, 102.78E, h18km, mb4.7/44, mb4.9/25, ML4.7/21, Ms4.6/47, Ms7 4.5/45

GCMT 14 03:19:02.0, 0.3, 27.95N, 0.02, 102.94E, 0.02, h42km, 1km, MW4.9/91, Moment Tensor Solution, s20c25, s91c123, Duration: 0 Moment tensor: Scale: 1016Nm, M0=0.01s, 13, M0=0.40s, 10, M0=0.46s, 20, M0=2.55s, 08, M0=0.68s, 21, Best double couple: M0=2.70200, 1016 NP1=0.356, 00000, 882, 00000, 1, 15, 00000, NP2=0.264, 00000, 875, 00000, 1, 172, 00000, Principal axes: T 2.8070, Plg16.0000, Azm221.0000, N -0.2100, Plg73.0000, Azm23.0000, P -2.5970, Plg5.0000, Azm130.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 03:19:59.7, 0.3, 28.07N, 0.03, 102.90E, 0.04, h10km, n299, c1693/308, mb4.6/88, MS4.0/33, 30D, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

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Table with columns: Code, Station Name, Time, Res. Includes stations like CHTO, CMMT, LAMP, etc.

Table with columns: ILAR, Eielson Array, 73.02 25 P, 03 30 30.8 +1.3, etc. Includes stations like Bardonecchia, Inuvik, and various array configurations.

ISC/JB 14 03:21:11.3:0.1, 38.27N:0.03:141.67E:0.07, h57km, 5km, mb3.6/3, Error ellipse: s-maj=9.8km s-min=4.7km az=16.2

JMA 14 03:21:12.3:0.1, 38.28N:141.62E, h54km, 1km, M3.7 JMA Fell II J1.

IDC 14 03:21:12.8:2.5, 38.27N:141.65E, h61km, 25km, mb3.4/3, mb1 3.0/7, mb1mx3.3/5.1, mbtrp3.7/7, ML3.0/4, Error ellipse: s-maj=35.5km s-min=17.4km az=94.0

ISC 14 03:21:12.1:2.0, 38.27N:0.04:141.69E:0.08, h50km, 8km, n28, +0.79/36, mb3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like Ishinomakikobu, Ouri, Kesennumamotoy, etc.

SJA 14 04:09:11.7:0.8, 37.97S:75.26W, h33km, 43km, ML3.0, MW3.9

GUC 14 04:09:12.1:0.7, 38.07S:75.17W, h24km, 46km, ML3.8

ISC 14 04:09:15.8:3.1, 37.96S:0.09:75.2W:0.2, h35km, n16, +155/21, Off coast of central Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like San Pedro de C, Copnquecua, Chillan, etc.

ISC/JB 14 04:10:22.2:0.7, 53.96S:0.08:7.4E:0.2, h10km, mb4.2/7, MS3.7/14, Error ellipse: s-maj=19.1km s-min=10.9km az=169.3

IDC 14 04:10:23.1:0.9, 53.95S:7.28E, h0km, mb4.3/7, mb1 4.4/8, mb1mx4.0/4, mbtrp4.3/8, ML3.5/1, MS3.7/15, Ms1 3.7/15, ms1mx3.6/24, Error ellipse: s-maj=32.5km s-min=20.1km

az=56.0 NEIC 14 04:10:24.1:2.5, 54.0S:0.2:7.6E:0.3, h10km, 1km, mb4.5/7

ISC 14 04:10:24.5:0.8, 54.0S:0.1:7.4E:0.2, h10km, n43, +132/32, mb4.4/8, MS3.7/14, 1C-1D, Bouvet Island region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like Neumayer-Stat, Sanae, SNAIA, etc.

ANF 14 04:27:01.4:0.2, 37.34N:118.43W, ML3.0/16, ML3.0/16, Error ellipse: s-maj=1.5km s-min=1.0km az=57.0

NCEDC 14 04:27:01.1:1.8, 37.39N:0.02:118.40W:0.03, h7km, 4km, ML3.1, ML2.8(REN)

NEIC 14 04:27:01.4:2.3, 37.39N:0.009:118.37W:0.03, h9km, 4km

REN 14 04:27:01.2:1.6, 37.38N:0.01:118.41W:0.03, h5km, 5km

ISC 14 04:27:01.2:0.8, 37.37N:0.02:118.41W:0.02, h12km, 5km, n106, +0.97/134, California-Nevada border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like Five Bridges, Poleta Canyon, etc.

CWC Cottonwood Cre 0.97 164 P Pg 04 27 19.2 -0.7

CWC Cottonwood Cre 0.97 164 P Pg 04 27 19.2 -0.7

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists stations like Cottonwood Cre, NVAR, MMIM, etc.

SJA 14 04:32:31.4:0.7, 21.06S:68.87W, h133km, 5km, ML3.0, MW3.0

ISC/JB 14 04:32:32.7:0.8, 21.11S:0.03:68.91W:0.08, h128km, 9km, Error ellipse: s-maj=12.6km s-min=4.9km az=175.1

GUC 14 04:32:33.2:0.8, 21.10S:68.96W, h18km, 5km, ML3.3

ISC 14 04:32:33.5:1.6, 21.10S:0.04:68.90W:0.07, h121km, 12km, n18, +0.96/129, 3C-5D, Chile-Bolivia border region

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

14d 6h

Table with columns: BUWP Musuan, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array. Includes station names, coordinates, and status.

ISCJB 14 05:47:26.1±0.9, 4.4S:2.152:0.0E:2.156km, 6km, mb3.4/4, Error ellipse: s-maj=37.7km s-min=14.0km

IDC 14 05:47:26.7±0.8, 4.37S:152.07E, h156km, 6km, mb3.1/4, mb1 3.4/4, mb1mx3.2/2.1, mb1mp3.5/4, Error ellipse: s-maj=31.2km s-min=22.0km az=118.0

ISC 14 05:47:26.7±1.0, 4.4S:2.2:152.0E:2.156km, 7km, n7, ±110/10, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KRVT, PMG, DZM, WRA, ASAR, ILAR, TORD.

KRNET 14 05:52:36.9±0.1, 39.11N:76.04E, mb2.9, SOME 14 05:52:39.6±0.4, 39.43N:76.87E, h15km

NNC 14 05:52:40.0±0.4, 39.36N:76.25E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=37.2km s-min=27.4km az=2.0

ISC 14 05:52:37.0±0.2, 39.1N:76.02E:0.05, h10km, n20, ±2541/31, 14C-10D, Southern Xinjiang

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including NRN, TARG, KZA, ARLS, ULHL, KDJ, ARSB, AAK, TKM2, ANVS, MDOK, MTBS, MRKS, SATY, SGDS, KUU, PDGK.

ISCJB 14 06:04:07.0±0.4, 38.59N:0.03:43.02E:0.03, h8km, 4km, Error ellipse: s-maj=4.4km s-min=3.4km az=160.6

ISK 14 06:04:06.2, 38.57N:43.02E, h5km, ML2.6/6, DDA 14 06:04:06.5, 38.59N:43.03E, h7km, 3km, ML2.5

ISC 14 06:04:06.2±1.0, 38.58N:0.03:43.04E:0.02, h13km, 9km, n18, ±055/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AKDM, VANB, TVAN, ADCV, VMUR, MLAZ, BLIS, GURO, TUTA, CLDR.

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Table with columns: CLDR, SRMT, SRMT, SRMT, HAKT, MUMS, MUMS, MUMS, SVAN, SVAN, SVAN, BTM, BTM, MAZI. Includes station names, coordinates, and status.

MAN 14 06:20:14.6, 11.27N:125.42E, h25km, mb4.2, ML3.0, MS2.7, 1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BESP, BESP, PALO, OCLP, OCLP, OCLP, MAASIN, MAASIN.

KRNET 14 06:21:09.8±0.1, 40.81N:77.54E, h16km, mb2.7, NNC 14 06:21:11.8±4.2, 40.80N:77.46E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=28.5km s-min=23.2km az=175.0

ISC 14 06:21:09.9±2.6, 40.8N:0.1:77.51E:0.05, h17km, 15km, n27, ±137/37, 20C-10D, Kyrgyzstan-Xinjiang border region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including TARG, NRN, KDJ, ULHL, PRZ, BOOM, BOOM, KZA, KZA, TNSS, TNSS, IZV, IZV, SATY, SATY, MDOK, MDOK, MDOK, MDOK, MTBS, MTBS, TKM2, TKM2, TKM2, TKM2, ARLS, ARLS, UCH, UCH, KURS, KURS, DGS, DGS, AAK, AAK, PDGK, PDGK, KTBS, KTBS, CHHK, CHHK, KUU, KUU, USP, USP, ARXS, ARXS, KK31, KK31.

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Large table with columns: SWSC, BC3, BC3, IKP, IKP, MONP, MONP, GLA, GLA, GLA, PFO, PFO, PFO, PFO, BELC, BELC, BAR, BAR, IRM, IRM, Y12C, Y12C, Y12C, Y12C, MURC, MURC, BBRC, BBRC, GMRC, GMRC, PDMC, PDMC, HEC, HEC, NEE2, NEE2, BFSC, BFSC, MWC, MWC, FMP, FMP, TUQ, TUQ, CIS, CIS, PASC, PASC, GSC, GSC, WICKENBURG, WICKENBURG, SC12, SC12, W13A, W13A, EDW2, EDW2, EDW2, EDW2, 214A, 214A, 214A, 214A, ARVC, ARVC, SHPR, SHPR, ISA, ISA, DAC, DAC, X16A, X16A, TPNV, TPNV, TUC, TUC, U15A, U15A, KNB, KNB, CCUT, CCUT, SZCU, SZCU, X18A, X18A, X18A, PKCU, PKCU, R11A, R11A, MTPU, MTPU.

SJA 14 06:49:46.9±0.9, 20.38S:70.06W, h44km, 107km, ML3.4, MW3.6

GUC 14 06:49:47.6±0.7, 20.38S:70.05W, h48km, 56km, ML3.5, ISCJB 14 06:49:48.1±0.8, 20.39S:0.03:70.12W:0.07, h32km, 9km, Error ellipse: s-maj=11.1km s-min=4.8km az=9.3

ISC 14 06:49:48.1±1.3, 20.39S:0.03:70.09W:0.06, h29km, 13km, n17, ±040/28, 2C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PB11, PB11, PB11, PB11, PSGC, PSGC, PSGC, PSGC, PSGCX, PSGCX, PSGCX, PSGCX, PB01, PB01, PB01, PB01, PB08, PB08, PB08, PB08, PB02, PB02, PB02, PB02, PB02, PB02, PB02, PB02.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Chusmiza, Minye Minye, IROC Station P, etc.

ISCJB 14 06:57:41.9, 0.8, 49.6S: 0.1x126.5E: 0.3, h10km, mb3.9/5, MS3.4/6, Error ellipse: s-maj=29.8km s-min=14.4km

IDC 14 06:57:42.2, 1.0, 49.57S: 126.43E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.9/2.4, mbtmp4.0/7, ML2.31, MS3.4/7, Ms1.3/4.7, ms1mx3.2/1.3, Error ellipse: s-maj=47.0km s-min=18.2km az=99.0

ISC 14 06:57:43.8, 1.0, 49.6S: 0.1x126.5E: 0.3, h10km, n16, 15287, mb3.9/6, MS3.4/6, Western Indian-Antarctic Ridge

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

MAN 14 07:11:29.0, 10.90N: 124.57E, h26km, mb4.0, ML2.8, MS2.4, 2C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Ormoc, Palo, Maasin, Lapu-Lapu, Roxas, etc.

ANF 14 07:16:14.7, 0.1, 33.19N: 115.70W, h14km, 1km, ML2.8/27, Error ellipse: s-maj=1.3km s-min=1.1km az=153.0

NEIC 14 07:16:15.0, 2.6, 33.19N: 0.05: 115.69W: 0.02, h3km, 7km PAS 14 07:16:15.5, 2.6, 33.19N: 0.05: 115.68W: 0.03, h3km, 7km, ML2.9

SCEDC 14 07:16:15.5, 33.20N: 115.68W, h3km ISC 14 07:16:15.1, 1.0, 33.19N: 0.02: 115.70W: 0.02, h7km, 9km, n53, 1520/79, Southern California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Sam W. Stewart, Big Chuckawall, Monument Peak, Glamis, Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mount Wilson, Turquoise Moun, Catalina Islan, Pasadena Art C, Goldstone, Bar, etc.

KRNET 14 07:26:22.4, 0.1, 41.41N: 70.90E, h1km, mb2.4 NNC 14 07:26:22.4, 1.2, 8.41: 25N: 71.03E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=21.5km s-min=10.1km az=17.0

ISC 14 07:26:23.9, 1.4, 41.41N: 70.90E: 0.04, h9km, 12km, n12, 1511/21, 15C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Arkit, Iuzhnyy, Batken, Arslanbob, Karatay Array, etc.

IDC 14 07:34:11.9, 5.8, 25.26S: 179.70E, h494km, 52km, mb3.3/5, mb1.3/5.7, mb1mx3.2/2.5, mbtmp3.9/1.1, ML3.6/3, MS3.4/4, Ms1.3/4.4, ms1mx2.7/3.7, Error ellipse: s-maj=61.5km s-min=22.7km az=45.0

ISC 14 07:34:12.8, 2.6, 25.3S: 0.3x179.7E: 0.3, h507km, n8, 0956H, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Urewera, Charlton Tower, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Pointe-a-Pierre, Greenville, Sauteurs, Sisters, Guiria, Belmont, Soufriere Volc, etc.

14d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Paso Flores, Pinedale Array, Red Top Mead, Glamis, etc.

KNET 14 07:53:55.4 0.1, 39.08N:76.21E, mb3.2
SOME 14 07:53:58.4, 39.27N:76.17E, h10km
NINC 14 07:53:58.7 3.5, 39.31N:76.22E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=23.9km s-min=19.1km az=2.0

Main table for 14d 8h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations and their associated data.

IDC 14 08:02:34.6 1.0, 6.87S: 155.44E, h0km, mb3.8/7,
mb1 4.0/8, mb1mx3.8/26, mbtmp3.8/8, ML3.9/1, MS2.4/1,
Ms1 2.4/1, ms1mx2.2/32, Error ellipse: s-maj=28.2km
s-min=23.9km az=101.0

ISCJB 14 08:02:38.1 0.5, 6.85S: 0.07:155.46E:0.06, h35km,
mb3.7/7, Error ellipse: s-maj=12.2km s-min=6.9km
az=36.6

NEIC 14 08:02:39.8 2.4, 6.9S: 0.1:155.4E:0.1, h35km, 2km,
mb4.2/7

ISC 14 08:02:39.8 0.6, 6.9S: 0.1:155.42E:0.10, h35km, n22,
s110/28, mb3.8/10, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Krvat, HNR, WB2, etc.

2013 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, H1S13, etc.

ISCJJB 14 08:36:22.0 0.8, 51.49N: 102.143:42E:0.05, h2km, 5km,
mb3.8/17, MS3.0/8, Error ellipse: s-maj=5.7km
s-min=4.1km az=171.9

IDC 14 08:36:23.5 0.7, 51.49N: 143:23E, h0km, mb3.8/14,
mb1 4.0/19, mb1mx3.8/59, mbtmp3.8/19, ML2.9/5, MS3.0/14,
Ms1 3.1/14, ms1mx2.9/54, Error ellipse: s-maj=18.0km
s-min=13.8km az=143.0

MOS 14 08:36:23.7 1.1, 51.48N: 143:53E, h15km, mb4.0/5, Error
ellipse: s-maj=14.0km s-min=6.8km az=84.6

MOS Fell (IV) at Katangli; (III-IV) at Nogliki,
SKHL 14 08:36:24.9 0.2, 51.50N: 143:30E, h8km, 2km, mb5.1/6
SKHL Fell (III-IV) at Nogliki; (IV) at Katangli,
NEIC 14 08:36:27.9 2.6, 51.54N: 0.07:143.32E:0.09, h29km, 5km,
mb4.3/3

ISC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:36:25.8 1.1, 51.46N: 0.02:143:32E:0.04, h15km, 7km,
n71, s190/83, mb4.0/18, MS3.1/8, 12, Sakhalin Island

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

IDC 14 08:49:00.7 2.3, 36.20N: 141:57E, h0km, mb3.3/3,
mb1 3.5/4, mb1mx3.2/45, mbtmp3.3/4, ML2.4/1, Error
ellipse: s-maj=59.4km s-min=25.1km az=48.0

JMA 14 08:49:05.0 0.1, 36.17N: 141:36E, h46km, 2km, M3.1
ISC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

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

IDC 14 08:49:03.0 1.7, 36.22N: 141:49E:0.08, h14km, 9km,
n23, s099/23, mb3.5/3, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, MAT, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, KURB8, WRA, ASAR.

MAN 14 09:11:47.8, 6.54N, 124.26E, h3km, mb4.4, ML3.3, MS3.0, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKMP, CTBH, DDMP, BUKP, MARMOL.

SNET 14 09:13:17.9, 1.1, 13.92N, 91.20W, h20km, 6km, ML2.2

CGG 14 09:13:20.7, 0.5, 14.29N, 91.09W, h48km, 1.4km, MD3.5

ISC 14 09:13:17.2, 2.6, 13.9N, 0.2, 91.3W, 0.1, h21km, 6km, n10, c+053/15, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERG, FUG, IKG, STG3, MOYG, RTR, SBL5, SNJE, MNL.

ISCJB 14 09:14:31.2, 0.6, 16.63S, 0.05, 69.54W, 0.07, h214km, 5km, mb4.2/7, Error ellipse: s-maj=12.1km s-min=7.4km az=27.9

IDC 14 09:14:31.6, 1.3, 16.71S, 69.60W, h208km, 11km, mb3.6/6, mb1 3.6/10, mb1mx3.4/3.1, mbtmp4.2/1.0, MS3.7/1, Ms1 3.7/1, ms1mx2.5/2.6, Error ellipse: s-maj=22.4km s-min=12.5km az=109.0

GUC 14 09:14:34.4, 0.4, 16.83S, 69.95W, h219km, 5km, ML3.9

ISC 14 09:14:31.6, 0.8, 16.82S, 0.07, 69.61W, 0.09, h207km, 7km, n22, c+151/30, mb4.1/7, 6C, Peru-Bolivia border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, PB16, PB12, PB12, NMIC, PSGC, GO01, PB11, PB08, LVC, SIV, NNA, PTGA, BDFB, PLCA, SDV, PMSA, LIC, TIC, KIC, DBIC, TORD, MAW.

BUI 14 09:22:10.0, 0.0, 6.16S, 122.78E, h10km, mb4.6/23, mB5.2/13, Ms4.7/6, Ms7.4/4.6

IDC 14 09:22:12.5, 0.5, 5.66S, 122.68E, h0km, mb4.4/15, mb1 4.5/17, mb1mx3.4/3.1, mbtmp4.4/1.7, ML4.0/2, MS3.7/31, Ms1 3.7/31, ms1mx3.6/4.6, Error ellipse: s-maj=22.1km s-min=12.7km az=62.0

ISCJB 14 09:22:12.2, 1.0, 5.70S, 0.03, 122.67E, 0.04, h7km, 7km, mb4.5/21, MS3.7/27, Error ellipse: s-maj=6.9km s-min=4.9km az=152.9

DJA 14 09:22:15.2, 0.2, 6.82S, 122.13E, h10km, M4.8/22, mb4.9/22, mB5.5/6, MLV4.7/20, M(MB)5.0/6

NEIC 14 09:22:16.0, 2.5, 5.63S, 0.05, 122.50E, 0.05, h19km, 4km, mb4.5/30

GCMT 14 09:22:17.0, 0.3, 5.61S, 0.04, 122.62E, 0.02, h17km, 1km, MW4.8/74, Moment Tensor Solution. s24,c26; s74,c104; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.97±.15; Mw0.024±.09; Mw0.174±.10; Mw0.031±.29; Mw0.043±.06;

Mw-0.07±.21; Best double couple: Mm1, 93600x10^16 NP1, 2, 0.02, 0.00000, 848.00000, 1.0, 0.000000; NP2: 0.8, 0.00000, 843.00000, 179.00000; Principal axes: T 2.0120, Plg82.0000, Azm179.0000, N -0.1580, Plg7.0000, Azm16.8600, P -1.8600, Plg2.0000; Azm285.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 14 09:22:14.2, 1.6, 5.70S, 0.05, 122.51E, 0.06, h7km, 10km, n125, c+191/105, mb4.6/29, MS3.8/27, 2C, Sulawesi

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBSI, BKSI, BNSI, KAPI, MMRI, EDFI, SPSI, TTSI, SOEI, BATI, BATI, LUWI, APSI, SANI, MMRI, EDFI, SPSI, TTSI, SOEI, BATI, BATI, FITZ, DAV, LEM, SMPI, WRI, WRA, WRAB, WYB, AS31, ASAR, ASAR, IPM, MORW, PMG, PMG, RPSI, PSI, STKA, MANU, MANU, FORT, KCSI, NWAO, GUMO, KRVT, STKA, STKA, CMAR, NJ2, NJ2, JUNU, CD2, CD2, SHL, KSAR, KSRS, KSRS, MAJO, MAJO, MJAR, LZH, LZH, LZH, LZH, LZH, LSA, HHC, HHC, GAT, GAT, GAT, GAT, USRK, USRK, SONA, SONA, SONM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM, SONM, KLR, KLR, WMQ, WMQ, WMQ, URZ, RAO, NIL, NIL, KSH, KSH, KSH, KSH, AFI, ZALV, ZALV, KURK, BRVK, MAW, MAW, GEYT, GEYT, SBA, SBA, ABKAR, ABKAR, TIXI, TIXI, AKTO, RAYN, ARU, SYO, SYO, QSPA, QSPA, KMBO, KMBO, PPT, KBZ, BRTR, BRTR, BOS, SNA, SNA, VNA2, NV01, NV01, REDW, PD31, PDAR, TORD, TORD, TORD, TXAR, CPUP, LPAZ, LPAZ.

IDC 14 09:37:08.2, 5.0, 16.81S, 174.61W, h0km, mb4.0/3, s-maj=957.9km s-min=187.8km az=79.0, Tonga Islands

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

ISCJB 14 09:52:14.9, 0.8, 19.2S, 0.2, 177.7W, 0.1, h550km, mb3.2/4, Error ellipse: s-maj=24.5km s-min=14.9km az=148.6

IDC 14 09:52:15.4, 1.9, 19.35S, 177.60W, h540km, mb2.8/4, mb1 3.2/6, mb1mx2.9/2.2, mbtmp3.9/6, Error ellipse: s-maj=27.9km s-min=20.5km az=152.0

ISC 14 09:52:15.5, 0.9, 19.2S, 0.2, 177.7W, 0.2, h550km, n10, c+104/12, mb3.3/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, URZ, WRA, ASAR, ASAR, MAW, TXAR, SNA, VNA2, VNA2, VNA1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, MDT Midelt, SUD Sutherland, etc.

IDC 14 10:42:31.9:18.0,25.8S:-179.88E,h110km,1.75km, mb3.4/4, mb1 3.8/5, mb1mx3.5/39, mbmtb4.0/5, ML4.8/1, MS3.6/4, Ms1 3.6/4, ms1mx3.1/16, Error ellipse: s-maj=116.3km s-min=33.8km az=1.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, URZ Urewhera, DZM Mont Dzumac, etc.

ISCJJB 14 10:42:34.8:0.4,35.78N:0.02:4.73W:0.03,h94km,6km, Error ellipse: s-maj=4.6km s-min=3.2km az=146.3 CNMR 14 10:42:35.2,35.76N:4.57W,h105km,ml1.6 IGL 14 10:42:36.4,35.74N:4.77W,h10km,ML2.1 INMG 14 10:42:36.9:1.3,35.74N:4.71W,h58km,10km,ML2.1 Error ellipse: s-maj=3.5km s-min=3.2km az=107.0 MDD 14 10:42:37.1:1.0,35.75N:4.64W,h75km,10km,mb2.8/15, Error ellipse: s-maj=9.3km s-min=5.2km az=180.0, PRXIMO

ISC 14 10:42:35.0:1.3,35.77N:0.03:4.64W:0.03,h100km,5gkm, h47.7,19.59/87,4C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMIR Smir Dam, ECEU Ceuta, PALE Palemas, etc.

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

MAN 14 10:59:05.0,15:00N:120:07E,h72km,mb4.3,ML3.2, MS2.9, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCZP Santa Cruz, LUBP Lubang, SMPP San Manuel, Pa, etc.

ISCJJB 14 11:08:14.7:0.5,36.42S:0.09:53.3E:0.1,h7km,mb4.0/10, MS3.3/2, Error ellipse: s-maj=14.7km s-min=10.6km az=138.0

IDC 14 11:08:14.7:0.7,36.53S:53.19E,h0km,mb4.0/10, mb1 4.3/11, mb1mx4.0/42, mbtmpp4.1/11, ML4.5/1, MS3.3/2, Ms1 3.5/2, ms1mx2.8/28, Error ellipse: s-maj=28.9km s-min=19.7km az=32.0

NEIC 14 11:08:17.1:1.4,36.31S:0.10:53.4E:0.2,h10km,1km, mb4.4/16

ISC 14 11:08:16.2:0.6,36.4S:0.1:53.3E:0.1,h7km,m45, s1504/42,mb4.3/17, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RER Riviere de l'E, ABPO Ambohimpanom, OPO Ambohidratrom, etc.

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

IDC 14 11:19:05.0:5.2,42.99N:149.54E,h0km,mb4.4/25, mb1 4.5/30, mb1mx4.4/40, mbmtb4.3/30, ML3.3/5, MS3.3/20, Ms1 3.3/20, ms1mx3.1/44, Error ellipse: s-maj=15.0km s-min=11.8km az=152.0

ISCJJB 14 11:19:07.5:1.1,43.10N:0.04:149.29E:0.03,h15km,7km, mb4.6/80, MS3.5/18, Error ellipse: s-maj=7.0km s-min=3.2km az=173.1

SKHL 14 11:19:08.1:0.5,43.06N:149.30E,h28km,8km,mb5.1/5 MOS 14 11:19:08.6:1.1,43.08N:149.34E,h25km,mb4.9/47, Error ellipse: s-maj=7.8km s-min=5.5km az=120.4

BUI 14 11:19:08.0:0.0,43.20N:149.50E,h30km,6.4/733, mb5.1/25, Ms4.2/6, Ms7.4/0.6

JMA 14 11:19:08.2:0.8,43.25N:149.50E,h30km,ML4.3 NEIC 14 11:19:12.0:0.8,43.13N:0.09:149.4E:0.1,h35km,7km, mb4.6/76

ISC 14 11:19:10.2:1.2,43.10N:0.05:149.39E:0.05,h30km,7gkm, n275, s1542/27.3, mb4.7/111, MS3.4/18, 3C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, NEM Nemuro, NEM Nemuro-Hokkai, etc.

14d 11h

GLVR	eS	Sn	11 20 27.3	-1.2
GLVR	pmax	pmax		
GLVR	comp=Z,219nm,0.5s			
GLVR	smax	smax		
GLVR	comp=N,866nm,0.5s			
GLVR	smax	smax		
GLVR	comp=E,551nm,0.3s			
GLVR	Goiovinno	2.89 284	eP	Pn
GLVR	AMB			
GLVR	comp=E,219nm,0.5s			
GLVR	eS	Sn	11 20 26.0	-2.5
GLVR	A	A	11 20 42.0	
GLVR	comp=E,866nm,0.5s			
GLVR	A	A	11 20 42.0	
JRA	Rausu	3.21 287	P	Pn
JAK	Akkeshi	3.44 270	P	Pn
JAK				
JNK	Nakash	3.44 280	eS	Pn
JNK				
JNK				
JOB	Onbets	4.08 269	P	Pn
JTRK	Abashiri-Toko	4.08 284	P	Pn
JTRK				
JAR	Ashorobuto	4.11 275	P	Pn
JAR				
JCH	Churui	4.46 266	P	Pn
JMP	Maruseppu	4.47 284	P	Pn
ERM	Erino	4.73 259	PN	Pn
ERM				
ERM				
ERM				
JKK2	Kamakawa 2	4.89 281	Sn	Pn
JNK	Urawaka-nobuka	4.96 263	P	Pn
JFR	Furan	4.97 273	P	Pn
ASAJ	Asahikawa	5.04 284	Pn	Pn
ASAJ	comp=E,4.6nm,0.3s,baz=104,slow=7.0,SNR=34			
ASAJ	Sn	Sn	11 21 24.6	+3.3
ASAJ	baz=114,slow=20,SNR=2.0			
ASAJ	LR	LR	11 21 22.6	
ASAJ	comp=E,132nm,19.1s,baz=212,slow=39			
ASAJ	Asahikawa	5.04 284	P	Pn
JRT2	Biratori 2	5.17 269	P	Pn
YAB	Ashibetsu	5.24 277	P	Pn
JSS	Yuzh-Sakhalins	6.08 312	ePN	MLR
YSS				
YSS	comp=E,500nm,10.0s			
YSS	Yuzh-Sakhalins	6.08 312	eP	Pn
YSS	AMB	AMB	11 20 44.0	
YSS	eS	Sn	11 21 45.0	-2.0
YSS	A	A	11 21 50.0	
YSS	comp=E,20nm,1.7s			
YSS	A	A	11 21 50.0	
YSS	comp=E,30nm,1.7s			
YSS	Yuzh-Sakhalins	6.08 312	Pn	Pn
JNB	Noboribetsu	6.18 267	P	Pn
JNB				
JKB	Kayabe	6.29 262	eS	Pn
JTH	Nanohata	6.47 243	eS	Pn
JANG	Tango	6.49 248	P	Pn
JANG				
JTM	Tenmabayashi	6.62 252	P	Pn
JTM				
JTH	Ofunato	7.08 238	eS	Pn
JRG	Rokugo	7.56 244	P	Pn
JIO	Ouri	7.66 235	P	Pn
SKR	Severo-Kuril's	8.77 29	ePN	pmax
SKR				
SKR	Severo-Kuril's	8.87 29	eP	Pn
SKR	AMB	AMB	11 21 17.0	
SKR	comp=Z,98nm,0.6s			
SKR	eS	Sn	11 22 51.0	-4.7
SKR	A	A	11 22 56.0	
SKR	comp=Z,102nm,1.4s			
SKR	A	A	11 22 56.0	
MAJO	Matsushiro	10.80 236	PN	Pn
MJAR	Matsushiro	10.80 236	Pn	Pn
MJAR	Matsushiro Arr	10.80 236	PN	Pn
MJAR	comp=Z,0.1nm,0.3s,baz=69,slow=18,SNR=3.5			
MJAR	LR	LR	11 25 58.4	
MJAR	comp=Z,85nm,20.0s,baz=95,slow=36			
MJAR	Matsushiro Arr	10.80 236	PN	Pn
MJAR	Matsushiro Arr	10.80 236	PN	Pn
PEAOB	Petrovsk	11.45 26	PN	Pn
PEAOB	Petrovsk	11.45 26	PN	Pn
PETK	Petrovsk	11.45 26	PN	Pn
PETK	comp=Z,0.8nm,0.3s,baz=187,slow=11,SNR=17			
PETK	LR	LR	11 26 55.0	
PETK	comp=Z,82nm,20.3s,baz=218,slow=41			
PETK	Petrovsk	11.45 26	PN	Pn
PETK	Petrovsk	11.45 26	PN	Pn
USRK	Ussuriysk Arr	12.65 281	P	Pn
USRK	comp=Z,0.3nm,0.3s,baz=135,slow=13,SNR=7.3			
USRK	LR	LR	11 22 07.7	-0.9
KLR	Kul'dur	13.66 303	Pn	Pn
KLR	comp=Z,0.2nm,0.3s,baz=131,slow=8.2,SNR=7.4			
KLR	Kul'dur	13.66 303	eP	Pn
KLR	pmax	pmax	11 22 25.3	+2.9
KLR	pmax	pmax		
MA2	Magadan	16.52 2	LR	LR
MA2	comp=Z,98nm,18.6s,baz=158,slow=41			
KRSR	Korea Arr	17.30 258	P	Pn
KRSR	comp=Z,3.0nm,0.3s,baz=30,SNR=2.9			
JNSU	Nakatsue	17.61 242	LR	LR
JNSU	comp=Z,52nm,20.4s,baz=205,slow=38			
JNU	Nakatsue	17.61 242	P	Pn
SEY	Seymchan	19.95 4	P	Pn
SEY	comp=Z,4.0nm,0.7s,baz=188,slow=14,SNR=7.7			
SEY	LR	LR	11 23 39.1	-1.0
SEY	comp=Z,68nm,21.8s,baz=148,slow=35			
SEY	Seymchan	19.95 4	eP	P
SEY	Seymchan	19.95 4	eP	P
YAK	Yakutsk	22.26 335	eP	P
YAK	ePPP	ePPP	11 24 11.9	+0.8
YAK	ePPP	ePPP	11 24 26.9	
YAK	ePPP	ePPP	11 24 41.5	
YAK	eSS	eSS	11 28 03.5	-4.4
YAK	eSS	eSS	11 28 18.0	+3.3
YAK	eSS	eSS	11 28 38.4	+2.3
YAK	eSS	eSS	11 28 56.7	
YAK	comp=Z,26nm,0.6s			
YAK	pmax	pmax		
YAK	comp=N,4.0nm,0.6s			
YAK	pmax	pmax		
YAK	comp=E,7.0nm,0.8s			
YAK	pmax	pmax		
YAK	comp=Z,40nm,2.0s			
YAK	pmax	pmax		
YAK	comp=N,111nm,2.5s			
YAK	pmax	pmax		
YAK	comp=N,53nm,2.3s			
YAK	smax	smax		
YAK	comp=N,105nm,1.9s			
YAK	smax	smax		
YAK	comp=E,91nm,2.4s			
YAK	P	P	11 24 02.8	-2.2
NJ2	Nanjing	26.45 256	eP	pmax
NJ2				
BOD	Bodaibo	26.53 316	eP	P
BOD				
BILL	Bilibino	26.57 14	eP	PPP
BILL				
BILL	comp=Z,7.0nm,1.1s			
BILL	ePPP	ePPP	11 24 45.3	-0.4
BILL	pmax	pmax	11 25 31.2	
BILL	MLR	MLR		
BILL	comp=Z,105nm,18.0s			
BILL	Bilibino	26.57 14	eP	P
H11N2	WAKE ISLAND Hy	27.56 142	T	T
H11N2	baz=332,slow=76,SNR=4.4			
H11N1	WAKE ISLAND Hy	27.57 142	T	T
H11N1	baz=302,slow=76,SNR=7.5			
H11N3	WAKE ISLAND Hy	27.58 142	T	T
H11N3	baz=332,slow=76,SNR=9.3			
HHC	Hu-ho-hao-te	28.05 278	eP	pmax
HHC				
H11S1	WAKE ISLAND Hy	28.55 144	T	T
H11S1	baz=333,slow=76,SNR=11			
H11S3	WAKE ISLAND Hy	28.56 144	T	T
H11S3	baz=303,slow=76,SNR=10			
H11S2	WAKE ISLAND Hy	28.57 144	T	T
H11S2	baz=333,slow=76,SNR=5.9			

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GUMO	Guam	29.66 189	LR	LR	11 24 12.0
ULN	Ulaanbaatar	29.78 294	P	P	11 25 15.2
ULN	comp=Z,8.0nm,21.9s,baz=16,slow=31				
ULN	Ulaanbaatar	29.78 294	P	P	11 25 15.2
ULN	comp=Z,8.0nm,0.8s				
ULN	Ulaanbaatar	29.78 294	P	P	11 25 21.8
ULN	comp=Z,7.6nm,0.8s				
SOMN	Songino Array	30.23 294	P	P	11 25 19.0
SOMN	comp=Z,3.4nm,0.7s,baz=82,slow=8.5,SNR=14				
SOMN	PcP	PcP	11 28 20.0	+1.0	
SOMN	comp=Z,0.4nm,0.4s,baz=157,slow=1.1,SNR=3.1				
SOMN	LR	LR	11 37 16.6		
SOMN	comp=Z,7.0nm,20.0s,baz=90,slow=36				
SOMN	Songino Array	30.23 294	P	P	11 25 19.1
TIXI	Tiksi	30.34 347	P	P	11 25 17.8
TIXI	comp=Z,3.2nm,0.5s,baz=142,slow=6.8,SNR=9.5				
TIXI	PcP	PcP	11 28 18.7	+0.1	
TIXI	comp=Z,1.4nm,0.5s,baz=61,slow=7.3,SNR=4.3				
TIXI	Tiksi	30.34 347	eP	P	11 25 19.6
TIXI	pmax	pmax			
TIXI	comp=Z,1.0nm,0.8s				
TIXI	Tiksi	30.34 347	eP	P	11 25 19.0
TIXI	Tiksi	30.34 347	P	P	11 25 18.4
ZAK	Zakamensk	31.99 299	eP	P	11 25 35.3
ZAK					
XAN	Xi'an	32.64 268	P	P	11 25 39.7
XAN	comp=Z,5.0nm,1.4s				
XAN	pmax	pmax			
XAN	comp=Z,7.0nm,1.1s				
XAN	Xi'an	32.64 268	P	P	11 25 39.6
XAN	IAMB	IAMB	11 25 40.5		
LZH	Lanzhou	35.44 274	LP	LP	11 26 05.4
LZH	comp=Z,6.8nm,1.1s				
LZH	pP	pP	11 26 16.8	+2.8	
LZH	sP	sP	11 26 20.8	+0.5	
LZH	pP	pP	11 27 22.1	-1.3	
LZH	pmax	pmax			
LZH	comp=Z,28nm,1.1s				
LZH	pmax	pmax			
LZH	comp=Z,110nm,5.4s				
GTA	Gaotai	37.02 282	eP	P	11 26 19.3
GTA	comp=Z,12nm,1.1s,baz=32,slow=5.7,SNR=5.3				
GTA	pP	pP	11 26 28.3	+0.8	
GTA	sP	sP	11 26 32.1	-1.6	
GTA	pmax	pmax			
GTA	comp=Z,7.0nm,1.0s				
GTA	pmax	pmax			
GTA	comp=Z,210nm,4.4s				
GTA	LR	LR			
GTA	comp=Z,220nm,15.9s				
GTA	LR	LR			
GTA	comp=Z,130nm,15.2s				
GTA	LR	LR			
GTA	comp=Z,210nm,15.9s				
CD2	Chengdu	37.98 267	eP	P	11 26 26.0
IMAR	Indian Mountain	38.28 34	P	P	11 26 27.4
RSD	Redoubt South	38.33 43	P	P	11 26 28.1
KDAK	Kodiak Island	38.50 47	P	P	11 26 28.1
KDAK	comp=Z,15nm,0.8s,baz=269,slow=7.3,SNR=10				
KDAK	Kodiak Island	38.50 47	P	P	11 26 29.3
KDAK	Kodiak Island	38.50 47	P	P	11 26 29.6
KTH	Kantishna Hill	39.26 38	P	P	11 26 35.9
KTH	IAMB	IAMB	11 26 38.9		
TOLK	Toolik Lake Re	40.24 30	P	P	11 26 44.3
TOLK	IAMB	IAMB	11 27 00.0		
SML	Sawmill	40.45 40	P	P	11 26 46.8
SML	comp=Z,7.7nm,0.8s				
SML	Sawmill	40.45 40	P	P	11 26 46.1
NRK	Noril'sk	40.61 331	LR	LR	11 44 16.8
NRK	comp=Z,7.0nm,19.9s,baz=98,slow=37				
SCM	Sheep Creek Mo	40.93 40	P	P	11 26 50.3
SCM	pmax	pmax			
SCM	comp=Z,16nm,0.8s				
SCM	Sheep Creek Mo	40.93 40	P	P	11 26 50.3
SCM	IAMB	IAMB	11 26 51.5		
HDA	Harding Lake	41.03 36	P	P	1

Table with columns: SJU, Sorong, 9.52 146 Pn, Pn, 12 01 51.0 -4.2, etc. Lists various stations and their coordinates.

Table with columns: CERR, Chermushki, 3.92 266 Sg, Sg, 12 14 40.3 +0.3, etc. Lists stations in the CERR region.

NCEDC 14 12:30:33.7z 1.37:477N:0:007:121.816W:0:006, h12km,2km,MDz.4

NEIC 14 12:30:33.6z 1.0,37:456N:0:004:121.84W:0:01, h12km,1km,Central California

Table with columns: CALM, Calaveras Res., 0.03 99 Op, Op, 12 30 36.3 -0.3, etc. Lists stations in the CALM region.

Table with columns: BEKR, Beckworth, 2.67 25 Pn, Pn, 12 31 17.4 +1.3

CNRM 14 12:32:59.7,35:75N:4:74W,h115km,ml1.7, ISJCB 14 12:33:00.4,0.5,35:79N:0:02:4:71W:0:03,h94km,7km, Error ellipse: s-maj=4.2km s-min=3.2km az=160.6

MDD 14 12:33:03.6,1.1,35:78N:4:65W,h70km,11km,mb3.0/10, Error ellipse: s-maj=9.1km s-min=5.2km az=175.0

ISC 12:33:01.0:1.2,78:0N:0:03:4:65W:0:03,h96km,8km, h38,-3544/61,2C,Strait of Gibraltar

Table with columns: Code, Station Name, A' AZ', Phase ID, Time Res, ISC, h m s, ISC, etc. Lists stations in the BEKR region.

IDC 14 12:33:20.4,2.9,6:97S,129:23E,h131km,h131km,mb3.4/1, mb1.3/3.5,mb1mx3.1/4.1,mb1mx3.7/5,Error ellipse: s-maj=66.9km s-min=21.4km az=91.0,Banda Sea

Table with columns: Code, Station Name, A' AZ', Phase ID, Time Res, ISC, h m s, ISC, etc. Lists stations in the IDC region.

IDC 14 12:33:56.4:1.3,28:56N:100:11E,h0km,mb4.0/4, mb1.4/0.5,mb1mx3.5/5.0,mb1mx3.9/5,M52.7/1,M51.2/9.1, ms1mx2.4/3.5, Error ellipse: s-maj=65.4km s-min=20.3km az=68.0,Sichuan

Table with columns: Code, Station Name, A' AZ', Phase ID, Time Res, ISC, h m s, ISC, etc. Lists stations in the IDC region.

ASRS 14 12:12:34.0,0.2,53°N,2°9'8E,h5km,MLH34/11, sm10x4z-potsdam.de/geofon/LOCSAT,ASRS34thModelID sm1:org.gfz-potsdam.de/geofon/iasp1 confirmed, Southwestern Siberia

Table with columns: Code, Station Name, A' AZ', Phase ID, Time Res, ISC, h m s, ISC, etc. Lists stations in the ASRS region.

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

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

ISCJB 14 13:00:53.3±1.3, 78N:01°12'E:01.1, h16km, 9km, Error ellipse: s-maj=21.9km s-min=24.1km az=40.5

LDG 14 13:00:54.8±0.3, 38'08"N: 11.88E, h20km, M3.1/5, Error ellipse: s-maj=22.6km s-min=6.1km az=57.0

ROM 14 13:00:56.0±0.6, 38'50"N:05°12'E:0.04, h18km, 2km, M3.3/3, Error ellipse: s-maj=6.1km s-min=2.8km az=198.0

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

ISC 14 13:00:53.7±1.5, 38'56"N:08°12'E:0.08, h12km, 11km, n30, e1900/36, Sicily

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

SNET 14 13:06:56.6±0.8, 11°30'N:86°25'W, h6km, 78km, ML4.3

ISC 14 13:06:57.9±1.1, 11°58'N:85°44'W, h86km, 15km, mb3.7/8, mb1.4/0.1, mb1mx3.6/46, mbtmp4.2/10, MS2.9/1, Ms1.2/9.1, ms1mx2.3/32, Error ellipse: s-maj=33.4km s-min=13.2km az=53.0

ISCJB 14 13:06:57.5±0.2, 11°42'N:03°08'W:0.03, h90km, 2km, mb4.0/8, Error ellipse: s-maj=9.9km s-min=2.7km az=40.5

UCR 14 13:06:58.6±1.6, 11°37'N:86°11'W, h64km, 8km, MD4.2, ML4.2

NEIC 14 13:06:58.5±2.0, 11°37'N:07°86'W:0.08, h88km, 11km, mb4.6/63

GCG 14 13:07:03.2±3.8, 15°00'N:85°45'W, h50km, 999km, MD4.8

ISC 14 13:06:57.5±0.7, 11°39'N:05°86'07'W:0.05, h84km, 6km, n161, e1940/180, mb4.6/41, 2C-11N, Near coast of Nicaragua

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Y49A, Y49A, Y49A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Y52A, Y52A, Y52A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W50A, W50A, W50A, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like V58A, V58A, V58A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like S51A, S51A, S51A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like P53A, P53A, P53A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O49A, O49A, O49A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M56A, M56A, M56A, etc.

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

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

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

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

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

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

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

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

ISCJB 14 13:15:16.6±0.4, 08°00'N:0°06'148'E:0.1, h391km, mb3.3/12, Error ellipse: s-maj=13.0km s-min=4.7km az=32.3

LDG 14 13:15:19.8±1.1, 48°13'N:148°1'00'E, h415km, 18km, mb3.0/12, mb1.3/2.19, mb1mx3.0/44, mbtmp3.8/19, Error ellipse: s-maj=19.5km s-min=10.0km az=139.0

ISC 14 13:15:17.3±0.6, 47°88'N:009°148'E:0.10, h391km, n35, e2519/43, mb3.3/12, Northwest of Kiril Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JANG, KLR, USRK, MJAR, KSR5, etc.

MDD 14 13:33:27.0±2.7, 32°30'N, 7°74'W, h0km, mb3.67, Error ellipse: s-maj=24.5km s-min=20.4km az=139.0, PRXIMO

INMG 14 13:33:28.5±1.1, 32°34'N, 7°74'W, h10km, ML2.5, Error ellipse: s-maj=4.4km s-min=3.3km az=135.0

IGIL 14 13:33:28.7, 32°35'N, 7°77'W, h2km

ISC 14 13:33:30.0±0.4, 02°32'6"N, 02°7'57"W, h0, h10km, n28, r156/50, Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EMIJ, PFVI, PBDV, MORF, etc.

ISCJB 14 13:48:43.1±0.3, 0°19'N, 0°03'127.26E±0.04, h150km, mb4.3/10, Error ellipse: s-maj=5.8km s-min=4.0km

NEIC 14 13:48:45.0±2.4, 0°23'S, 0°09'127.22E±0.08, h12km, 11km, mb4.7/15

DJA 14 13:48:44.5±0.3, 0°N, 2°12'E±, h134km, 3km, M4.6/16, mb4.9/4, mb4.5/12, MLv4, 7/16, Mw(MB)4.2/4

ISC 14 13:48:46.3±2.3, 0°17'N, 127.46E, h168km, 25km, mb3.7/6, mb1.3/9, mb1mx3.4/1, mbtmp4.1/9, Error ellipse: s-maj=26.8km s-min=14.0km az=75.0

ISC 14 13:48:44.7±0.6, 023N, 0104E, 127.25E±0.06, h150km, n59, r2510/60, mb4.6/15, 1C-1D, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TNTI, LBMI, SANI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LUWI, APSI, FAKI, etc.

IDC 14 14:06:12.1±1.6, 5°58'S, 122°68'E, h0km, mb3.8/3, mb1.3/9, mb1mx3.6/33, mbtmp3.8/6, ML3.5/3, MS2.7/3, Ms1.2/7.3, ms1mx2.5/40, Error ellipse: s-maj=49.1km s-min=19.4km az=43.0

ISCJB 14 14:06:14.4±1.2, 5°6'S, 122°7'E±0.1, h33km, mb4.0/2, MS2.5/1, Error ellipse: s-maj=26.8km s-min=8.8km

ISC 14 14:06:16.7±1.4, 5°6'S, 122°7'E±0.2, h35km, n7, r0596/7, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPI, KAPI, KAPI, etc.

IDC 14 14:28:10.3±2.8, 5°66'S, 148°08'E, h171km, 31km, mb3.4/4, mb1.3/6, mb1mx3.3/35, mbtmp3.9/6, Error ellipse: s-maj=52.8km s-min=23.3km az=124.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG, WRA, ASAR, etc.

JMA 14 14:55:42.7±0.3, 22°41'N, 121°78'E, h0km, M3.5, ISCJB 14 14:55:44.5±0.4, 22°34'N, 121°42'E, h76km, ML3.8, C

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LAY, TAW, TAW, etc.

14d 16h

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, etc. Includes entries like K04D Chiloquin, OR, 79.83 39 P, P, 16 20 23.6 +1.1, etc.

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Table with columns: Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, etc. Includes entries like MAW Mawson, 83.43 200 P, P, 16 20 40.5 +0.2, etc.

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Table with columns: Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, etc. Includes entries like DLBC CIGO, UAF Yang, 86.27 12 P, P, 16 20 53.1 -0.8, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like EPYK Eagle Plains, VNA3 Neumayer Olymp, and various other stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like TESR Tescani, BR101 Keskin Array S, and various other stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like DIVS Divivare, MYKA Terra Mystica, and various other stations.

14d 16h: 14:07:00.6, 29:315:178:18W, h0km, mb4.3/6, mb1 4.5/6, mb1mx4.0/46, mbtmpr4.3/6, MS3.4/5, MS1 3.4/5, ms1mx0.3/7, Error ellipse: s-maj=34.8km s-min=7.7km az=167.0

14d 16h: 14:11.6:0.4, 29:375:0:09:178:29W:0.07, h35km, mb4.3/6, MS3.5/3, Error ellipse: s-maj=13.7km s-min=7.7km az=162.9

14d 16h: 14:11.9:1.3, 29:345:0:06:178:3W:0.1, h26km, n56, mb4.3/6, MS3.5/3, Error ellipse: s-maj=13.7km s-min=7.7km az=162.9

Table with columns: Code, Station Name, Frequency, Mode, Power, and other details. Includes entries like RAO Raoul Island, RAO Raoul Island, and various other stations.

14d 16h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like H10S3 ASCENSION HYDR8.75 155 T T 19 08 38.0, H10S1 ASCENSION HYDR8.76 155 T T 19 08 39.3, etc.

STR 14 16:26:30.6:0.7,45°N,4°E, h0km, MLV2.6/7
ROM 14 16:26:33.8:0.1,44°81'N,0°01.9:00E,0°01, h18km,3km,
ML2.4/29, Error ellipse: s-maj=1.1km s-min=0.7km az=9.0
GEN 14 16:26:33.4:44.86N:9.00E, h8km,3km, ML2.3
LDG 14 16:26:33.2:0.1,44.86N:9.00E, h8km, ML2.9/2, ML2.7/45,
Error ellipse: s-maj=1.1km s-min=0.9km az=97.0
ISC 14 16:26:32.0:0.9,44°29'N,0°02.8'99E:0.02, h16km,7km,
n121,c1997/166, 1C, Northern Italy

Main table for 14d 16h section with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like BOB Bobbio (Coli) 0.35 110 Op P Pg S, BOB Bobbio (Coli) 0.35 110 P Pg S, etc.

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Main table for 2013 OCT section with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like CIRO comp=N,536um,0.8s AML AML, CIOU comp=N,536um,0.8s AML AML, etc.

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Main table for 648 section with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like SMRF comp=E,5.8nm,0.2s eSg Sg, ARTF Artiges 2.63 241 Pn Pn, etc.

IDC 14 16:29:28.2:0.5,0.83S:131.28E, h0km, mb3.6/3,
mb1.3/9.5, mb1mx3.6/33, mbtmp3.7/5, ML3.7/2, Error
ellipse: s-maj=95.0km s-min=21.6km az=70.0
ISCJB 14 16:29:26.1:1.3,0.71S:0.06:131.32E:0.07, h12km,5km,
mb3.9/3, Error ellipse: s-maj=11.9km s-min=9.9km
az=147.0
DJA 14 16:29:28.2:0.6,1°S,3°13'E, h10km, M3.9/9, mb3.7/1,
MLV4.1/9
ISC 14 16:29:26.8:2.0,0.73S:0.09:131.34E:0.08, h8km,9km,
n13,c096/17, mb3.8/3, Irian Jaya region

14d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Longmire, Whiskeytown Da, Unenclaw, Modoc Plateau, Liberty, etc.

14d 18:13:27.04.5, 391.40N, 66.73E, h0km, mb3.4/1, mb1 3.6/3, mb1mx3.2/31, mbtrmp3.6/3, ML3.2/2, MS3.6/1, Ms1 3.6/1, ms1mx2.4/28, Error ellipse: s-maj=210.7km s-min=24.1km az=151.0

14d 18:13:33.812.0, 37.03N, 70.26E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=101.0km s-min=76.9km az=162.0

14d 18:13:27.41.8, 36.33N, 02.70E, h150km, mb2.0, e2511/10, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Karatay Array, 8.11 359, etc.

14d 18:29:44.6.0.2, 3.82S, 0.03, 141.41E, 0.03, h54km, mb4.2/14, MS3.4/3, Error ellipse: s-maj=4.6km s-min=3.9km az=141.5

14d 18:29:45.5.1.4, 3.79S, 141.39E, h48km, 12km, mb3.9/13, mb1 4.1/19, mb1mx4.0/34, mbtmp4.3/19, ML4.2/4, MS3.4/3, Ms1 3.3/4, ms1mx3.0/27, Error ellipse: s-maj=17.0km s-min=8.8km az=86.0

14d 18:29:46.8.0.9, 4.5S, 141.2E, h54km, 7km, M4.8/12, mb5.1/4, mb4.7/12, MLV4.9/6, Mw(mb)B4.5/4

14d 18:29:47.7.1.6, 3.82S, 0.08, 141.43E, 0.09, h69km, 6km, mb4.9/42

14d 18:29:46.0.4.0, 3.84S, 0.04, 141.35E, 0.05, h54km, n107, e1564/110, mb4.7/32, MS3.4/3, 1C, New Guinea

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

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, KMSI Cibinong, SOEI Soe, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb2.9/2, Error ellipse: s-maj=5.8km s-min=4.5km az=22.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NRCA Norcia, MURB Monte Urbino, FIAO FINESS Array S, etc.

ISCJB 14 20:49:50.4±1.1, 7.3S±0.1, 122.5E±0.2, h600km, mb4.0/1, Error ellipse: s-maj=28.9km s-min=17.9km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, KAPI Kappang, SUI Sorong, etc.

IDC 14 21:01:48.6±3.0, 21.066S±1.78, 47W, h618km, 32km, mb3.3/6, mb1 3.6/6, mb1mx3.1/35, mbtmp3.3/6, Error ellipse: s-maj=63.4km s-min=15.0km az=158.0

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

NIED 14 21:02:00.38±0.00, 141.50E, h62km, Mw3.9, Best double couple: M=8.1000E+10, N1=279.0000E, R22.0000E, λ=175.0000E, NP2=184.0000E, δ88.0000E, λ=69.0000E

ISCJB 14 21:02:52.6±0.4, 38.51N±0.03, 141.55E±0.05, h59km±2km, mb3.8/22, Error ellipse: s-maj=3.8km az=20.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HONSHU, JIO Ouri, JIKH Ishinomakikobu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJB9 Erimo, ERM Ermo, ERM Ermo, etc.

ISCJB 14 21:07:40.1±0.1, 39.69N±1.71, 86E, mb3.0, SOME 14 21:07:47.7, 40.10N±7.2, 13E, h5km, NNC 14 21:07:48.6±2.4, 40.12N±72.08E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=19.0km s-min=8.5km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LZH Lanzhou, WMQ Urumqi, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG 1.4nm,0.5s, IUG 39nm,0.7s, IUG luzhny, etc.

ISC 14 21:09:27.8±1.5, 39.77N±0.08, 71.91E±0.03, h30km, n20, c251/37, 22C-8D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BTk Batken, ARSB Arslanbob, ARK Arkit, etc.

PDSI	Padang	0.92	5	P	Pn	23 56 42.5	-0.9
PPSI	Pulau Pagai	0.99	202	P	Sn	23 56 44.0	-0.3
PPSI					Pn	23 57 02.1	+4.4
KRJI	Kerinci	1.10	103	P	Sn	23 56 46.4	+0.5
KRJI					Pn	23 57 02.5	+2.1
SISI	Sungai Dareh	1.18	49	P	Pn	23 56 50.1	+0.7
SISI	Saibai	1.39	291	P	Sn	23 56 49.6	0.0
SISI					Pn	23 57 06.2	-0.8
BKNI	Bangkinang	2.24	17	P	Pn	23 57 01.7	+0.6
BKNI	Bangkinang	2.24	17	P	Pn	23 57 01.8	+0.6
MASI	Maura Aman, Be	2.26	125	P	Pn	23 57 01.4	0.0
PBSI	Pulau Batu	2.75	310	P	Pn	23 57 07.0	0.0
JMBI	Jambi	3.26	87	P	Pn	23 57 15.2	+0.2
MNAI	Manna	3.59	134	P	Pn	23 57 19.5	0.0
MNAI	Manna	3.59	134	P	Pn	23 57 20.0	+0.5
LHSI	Lahat	3.71	122	P	Pn	23 57 23.2	+2.8
DSRI	Dabo	4.40	72	P	Pn	23 57 31.2	+0.2
PMBI	Palembang	4.51	104	Pn	Pn	23 57 25.3	-6.9
RPSI	Rantau Prapat	4.73	342	P	Pn	23 57 35.0	-0.2
PSI	Prapat	4.83	342	P	Pn	23 57 35.5	-1.2
PSI		2.6nm,0.3s,baz=152,slow=10.0,SNR=19			S		
PSI		5.0nm,0.3s,baz=166,slow=15.0,SNR=4.3			Sn	23 58 32.9	+1.4
PSI					LR	23 59 46.0	
PSI		comp=Z,1um,20.8s,baz=161,slow=42			LR		
PSI	Prapat	4.83	342	P	Pn	23 57 35.0	-1.7
LWLI	Liwa	4.84	131	P	Pn	23 57 38.1	+1.3
TPRI	Tanjung Pinang	4.96	37	P	Pn	23 57 38.9	+0.6
MYKOM	Kota Tinggi	5.00	44	P	Pn	23 57 39.0	+0.2
MYKOM	Kota Tinggi	5.00	44	P	Pn	23 57 38.7	-0.1
KLSI		5.15	123	P	Pn	23 57 43.8	+2.4
KCSI	Kotacane, Aceh	5.93	334	P	Pn	23 57 51.8	+0.2
JRMI	Jerantut	6.06	20	P	Pn	23 57 55.0	-1.5
IPM	Iphoh	6.30	6	P	Pn	23 58 00.0	+3.2
IPM	Iphoh	6.30	6	P	Pn	23 57 59.4	+2.6
KULM	Kulim	7.08	2	P	Pn	23 58 10.0	+2.6
KULM	Kulim	7.08	2	P	Pn	23 58 08.6	+1.1
MLSI	Meulaboh, Aceh	7.25	327	P	Pn	23 58 09.0	+1.0
TPJ	Tanjungpandan	7.32	327	P	Pn	23 58 11.6	+1.0
LHMI	Lhok Sumawe	7.81	334	Pn	Pn	23 58 15.9	-1.5
LEM	Lembang	8.75	125	P	Pn	23 58 32.4	+2.0
LEM		2.5nm,0.3s,baz=315,slow=19.0,SNR=2.7			LR		
LEM		comp=Z,202nm,20.0s,baz=253,slow=42			LR	00 02 28.1	
LEM	Lembang	8.75	125	P	Pn	23 58 31.4	+1.0
SKLT	Songkhla	8.95	1	P	Pn	23 58 37.5	+4.5
CISI	Cisompet, Garu	9.33	128	P	Pn	23 58 38.6	+0.3
CISI	Cisompet, Garu	9.33	128	P	Pn	23 58 36.8	-1.4
CISI		0.6s,1.5			Sn	00 06 15.3	
TRTT	Trang	9.63	356	P	Pn	23 58 45.4	+3.1
XMIS	Christmas Isia	10.06	149	Pn	Pn	23 58 44.0	-4.2
XMIS					Sn	00 00 26.9	-13
KPJI	Karang Pucung	10.12	123	P	Pn	23 58 50.6	+1.7
STKI	Sintang	11.25	80	P	Pn	23 59 21.0	+1.7
UGM	Wanagama	11.76	121	Pn	Pn	23 59 08.9	-2.6
JAGI	Janga, Banyuw	15.21	116	Pn	Pn	23 59 55.9	-1.7
KKM	Kota Kinabatu	17.64	64	P	Pn	00 00 27.5	-0.7
TTSI	Tana Toraja	19.45	94	P	Pn	00 00 52.1	+2.2
SPSI	Sidrap Palu	19.47	97	P	Pn	00 00 59.7	+1.0
KAPI	Kappang	19.59	100	P	Pn	00 00 49.9	+0.2
KAPI		0.8nm,0.3s,baz=288,slow=11.0,SNR=15			P	00 00 50.3	+0.6
KAPI					Pmax		
KAPI		comp=Z,42nm,1.1s			P	00 00 50.3	+0.6
KAPI	Kappang	19.59	100	P	Pn	00 00 50.3	+0.6
BNSI	Bone	19.85	98	P	Pn	00 00 55.5	+0.9
BSKI	Bulukumba	20.00	64	P	Pn	00 00 56.0	+0.4
CM3I	Chiang Mai Arr	20.21	356	P	Pn	00 00 56.3	-0.2
CMAR	Chiang Mai Arr	20.21	356	P	Pn	00 00 56.3	-0.2
CMAR		comp=Z,15nm,0.8s,baz=186,slow=10.0,SNR=60			LR		
CMAR		comp=Z,301nm,18.2s,baz=170,slow=40			LR	00 09 44.5	
CMAR	Chiang Mai Arr	20.21	356	P	Pmax	00 00 57.2	+0.7
CMAR					Pmax		
CMAR		comp=Z,15nm,0.8s			P	00 00 55.6	-0.8
CMAR	Chiang Mai Arr	20.21	356	P	Pn	00 00 59.3	-1.0
CMAR	Chiang Mai	20.21	356	P	Pmax	00 00 59.3	-1.0
CMAR					Pmax		
CMAR		comp=Z,12nm,1.2s			P	00 00 59.3	-1.0
CHTO	Chiang Mai	20.57	356	P	P	00 00 14.2	+2.0
MRSI	Marisa	21.67	84	P	P	00 01 21.0	+1.0
LWLI	Luwuk	22.39	88	P	P	00 01 16.7	-3.3
LWLI	Luwuk	22.39	88	P	Iamb	00 01 23.3	
LWLI					Iamb		
SLVN	Son La	23.28	8	P	P	00 01 27.0	-2.0
SOEI	Soe	25.01	109	P	P	00 01 07.7	-3.4
SOEI					P	00 02 00.5	
KMI	Kunming	26.90	5	P	P	00 02 05.3	+3.2
KMI					pP	00 02 18.8	+2.0
KMI					SP	00 02 25.3	+1.3
KMI					Pmax		
LBMI	Labuha	27.13	88	P	P	00 02 07.9	+3.8
PSA00	Pilbara Seismi	27.28	137	P	P	00 02 02.3	-2.9
SHL	Shillong	28.46	344	Pmax	Pmax	00 02 15.6	-0.3
SHL					Pmax		
SHL		comp=Z,43nm,1.1s			P	00 02 15.6	-0.3
SHL					Iamb	00 02 16.6	
FITZ	Fitzroy Crossi	29.59	125	P	P	00 02 24.9	-1.0
FITZ		comp=Z,6.7nm,0.9s,baz=311,slow=5.7,SNR=12			P	00 02 23.1	-2.7
FITZ	Fitzroy Crossi	29.59	125	P	P	00 02 23.1	-2.7
ODAN	Odare	31.16	337	eP	P	00 02 40.9	+0.9
TAPN	Taplejung	31.48	338	eP	P	00 02 44.1	+1.3
TAPN		comp=Z,101nm,1.0s			P		
RAMN	Ramite	31.56	336	eP	P	00 02 44.6	+1.2
FAKI	Fak Fak	31.85	93	P	P	00 02 45.0	-0.9
FAKI					Iamb	00 02 45.9	
JIRN	Jiri	32.35	336	eP	P	00 02 51.6	+1.0
LSA	Lhasa	32.58	345	P	P	00 02 53.4	+0.7
LSA	Lhasa	32.58	345	P	P	00 02 52.4	-0.2
LSA					Pmax		
LSA		comp=Z,29nm,0.9s			P	00 02 52.4	-0.2
LSA					Iamb	00 02 55.1	
PKI	Pulchok	32.60	335	eP	P	00 02 53.2	+0.5
PKIN	Pulchok	32.61	335	eP	P	00 02 53.1	+0.4
CD2	Chengdu	32.72	5	eP	P	00 02 54.0	+0.6
DMN	Daman	32.76	334	eP	P	00 02 54.7	+0.7
KKN	Kakana	32.84	335	eP	P	00 02 55.3	+0.6
KKN		comp=Z,25nm,1.0s			P	00 02 55.3	+0.6
GKN	Gorkha	33.31	334	eP	P	00 02 59.5	+0.8
DANN	Dangsing	33.99	333	eP	P	00 03 05.5	+0.7
DANN		comp=Z,82nm,0.8s			P		
WHN	Wuhan	34.84	21	eP	T	00 03 23.3	+1.2
H01W3	Cape Leeuwin H	35.29	160	T	T	00 04 28.5	
H01W2	Cape Leeuwin H	35.30	160	T	T	00 04 29.5	
H01W1	Cape Leeuwin H	35.30	160	T	T	00 04 29.7	
H01W1		baz=336,slow=76,SNR=15			T		
XAN	Xi'an	36.58	12	P	P	00 03 24.9	-1.7
XAN					pP	00 03 41.5	-0.2
XAN					SP	00 03 48.8	0.0
XAN					Pmax		
XAN		comp=Z,28nm,0.8s			P	00 03 25.4	-1.2
XAN					Pmax		
XAN		comp=Z,22nm,0.8s			P	00 03 25.4	-1.2
XAN					Iamb	00 03 26.1	
XAN					P	00 03 25.4	-1.2
WR1	Warramunga Arr	37.74	121	PcP	PcP	00 05 53.3	+0.5
WRA	Warramunga Arr	37.74	121	PcP	PcP	00 05 35.3	-1.4
WRA		comp=Z,6.3nm,0.8s,baz=298,slow=9.4,SNR=26			PcP	00 05 53.3	+0.5
WRA		comp=Z,1.9nm,0.8s,baz=307,slow=2.6,SNR=50			P	00 03 34.6	-2.1
WRA	Warramunga Arr	37.74	121	P	P	00 03 34.6	-2.1
WRAB	Tennant Creek	37.75	121	eP	P	00 03 35.2	-1.6
WRAB					Pmax		
WB2	Warramunga Arr	37.75	121	P	P	00 03 34.7	-2.1
LZH	Lanzhou	37.87	5	P	P	00 03 37.8	+0.2

LZH					pP	00 03 53.4	+0.7
LZH					SP	00 03 59.8	0.0
LZH					Pmax		
LZH		comp=Z,21nm,1.2s			Pmax		
LZH		comp=Z,89nm,4.3s			Pmax		
LZH		comp=Z,170nm,12.9s			LR	LR	
LZH		comp=Z,170nm,13.0s			LR	LR	
LZH		comp=Z,260nm,15.6s			LR	LR	
NJ2	Nanjing	37.98	26	eP	Pmax	00 03 40.1	+1.6
NJ2					Pmax		
ASAR	Alice Springs	39.04	126	P	P	00 03 47.2	-0.4
ASAR		comp=Z,16nm,0.8s,baz=305,slow=8.0,SNR=149			PcP	00 05 57.5	+0.7
ASAR		comp=Z,3.0nm,0.7s,baz=310,slow=2.8,SNR=68			P		
ASAR	Alice Springs	39.04	126	P	P	00 03 47.0	-0.6
ASAR					P	00 05 57.3	
ASAR	Alice Springs	39.04	126	P	P	00 03 47.0	-0.6
ASAR					PcP	00 05 57.3	+0.5
ASAR					P	00 04 03.4	-0.7
GTA	Gaotai	41.05	359	eP	SP	00 04 04.2	-0.9
GTA					PcP	00 06 03.8	+0.8
GTA					Pmax		
GTA		comp=Z,7.0nm,1.2s			Pmax		
NIL	Nilore	43.58	327	P	Pmax	00 04 24.7	+0.1
NIL		comp=Z,42nm,0.8s			Pmax		
NIL	Nilore	43.58	327	P	Iamb	00 04 24.7	+0.1
NIL					P	00 04 25.7	
NHC	Hu-ho-hao-te	43.69	12	eP	Pmax	00 04 26.9	+1.4
NHC		comp=Z,6.0nm,0.9s			Pmax		
BBOO	Buckleboo	45.50	136	P	Iamb	00 04 39.9	-0.1
BBOO		comp=Z,31nm,1.4s			Iamb	00 04 46.7	
KBL	Kabul	46.63	324	P	P	00 04 47.8	-1.3
KBL					Pmax	00 06 22.0	
KBL		comp=Z,13nm,1.3s			Pmax		
KBL	Kabul	46.63	324	P	Iamb	00 04 47.8	-1.3
KBL					P	00 04 55.6	
KBL		comp=Z,12nm,1.2s			P		
KBL					PcP	00 06 22.0	-0.2
KSR5	Korea Array	46.68	30	P	PcP	00 04 48.2	-0.9
KSR5		comp=Z,5.1nm,0.8s,baz=228,slow=8.6,SNR=9.4			P		
KSH	Kashi	46.85	334	P	P	00 04 50.0	-0.6
KSH					pP	00 05 06.5	+0.6
KSH					SP	00 05 13.3	+0.6
KSH					S	00 11 33.5	-3.5
KSH					Pmax		
KSH		comp=Z,11nm,0.9s			Pmax		
KSH		comp=Z,130nm,5.6s			Pmax		
WMQ	Urumqi	46.86	347	P	P	00 04 52.3	

Table of station data for the left column, including call signs like PSI, RPSI, TJN, and various frequencies and power levels.

Table of station data for the middle column, including call signs like BJT, BJI, MBWA, and various frequencies and power levels.

Table of station data for the right column, including call signs like MDJ, ERM, GTA, and various frequencies and power levels.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KWP, KALWARIA PACLA, BOZC, KARP, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KARY, KARYSTOS, KECS, KECCO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOL, FNA, SRO2, SRO, etc.

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., S, P, M, L, R, I, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., S, P, M, L, R, I, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

Table with columns for station name, location, frequency, and various signal quality metrics (e.g., S, P, M, L, R, I, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like GDXM Geysers, EDI Edinburgh, WACR West Ace, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like SCZZ Santa Cruz Isl, MAHO Mahon, CWC Cottonwood Cre, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like UCM Universidad Co, UCM Universidad Co, SNAIA Sanae, etc.

15d 0h

Table with columns: COI, Location, Time, Status, and various codes. Includes entries like Coimbra, Great Sand Dun, Casimiro, Conde, etc.

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Table with columns: AMTX, SCIA, I41A, etc., Location, Time, Status, and various codes. Includes entries like Amarillo, Arklade, State Center, etc.

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Table with columns: E53A, F52A, E54A, etc., Location, Time, Status, and various codes. Includes entries like Dumoine, Sundridge, Lac Duhat, etc.

15d Oh

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like N59A State Game Lan, O57A Amberson, Q55A Buckhannon, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like Q60A Greensboro, X51A Calhoun, X51A Calhoun, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like 155A Kite, W60A Pink Hill, X59A McDuffie Farm, etc.

Table with columns: SMRC, Santa Marta, M, 152.29, 42, eP, PKPbc, 00 32 26.2 -2.1

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: ARGV, Ariguani, Magd, 153.23, 44, eP, PKPbf, 00 32 25.5 +2.5

Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

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Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

Table with columns: PTGC, Puerto Gaitan, 158.63, 50, eP, PKPbf, 00 32 29.8 -0.3

mb1 4.9/7, mb1mx4.4/52, mbtmp4.8/7, Error ellipse: s-maj=44.7km s-min=22.5km az=80.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

MAN 15 00: 16:33.1, 9.88N:123.67E, h7km, mb3.5, ML2.2, MS1.6, 1C-1D, Negros

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISCJB 15 00:19:24.8±0.3, 9.97N:0.04±124.10E±0.05, h10km, mb4.6/6, Error ellipse: s-maj=6.9km s-min=5.2km az=6.8

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISCJB 15 00:18:51.0±0.3, 10.00N:0.09±124.37E±0.03, h10km, mb4.9/19, Error ellipse: s-maj=9.4km s-min=6.0km

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISC 15 00:18:51.3±1.3, 10.03N:124.22E±0.06, h0km, mb4.8/7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

15d Oh

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBL, KBL, BTX, KK31, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LPSR, TOLK, NEA, MCK, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WTTA, WATA, SOTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like TBP, LLL, SNPH, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAYN Ar Rayn, PRGR Permogore, TABS ZEI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC Kasperske Hory, GERES GERESS Array B, LSZ Lusaká, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NIL ZALV, ZAA1 Zalesovo Array, KURK Kurchatov, etc.

KURK	Kurchatov	55.14 326	P	P	01 12 32.5 -0.6
KURBB	Kurchatov Arra	55.14 326	P	P	01 12 32.9 -0.2
comp=2.4,8nm,0.7s,baz=124,slow=6.8,SNR=19					
GAR	Garm	55.88 311	Iamb	Iamb	01 12 37.7 -1.2
GAR					01 12 43.2
comp=2.6,4nm,0.7s					
KKAR	Karatay Array	56.98 315	P	P	01 12 45.2 -1.2
BRVK	Borovoye	60.80 326	P	P	01 13 12.1 -0.7
BRVK			Iamb	Iamb	01 13 15.9
comp=2.7,5nm,1.0s					
NR1K	Noril'sk	63.79 346	P	P	01 13 31.9 -0.6
comp=2.2,7nm,0.5s,baz=176,slow=1.9,SNR=4.7					
GEYT	Alibek	65.05 307	P	P	01 13 41.3 -0.2
comp=2.1,1nm,0.6s,baz=128,slow=2.4,SNR=3.8					
ABKAR	Akbulak Array	65.74 320	P	P	01 13 44.7 -0.9
ARU	Arti	68.33 327	P	P	01 14 01.8 -0.1
RAYN	Ar Rayn	75.74 292	P	P	01 14 46.1 -1.0
RAYN			Iamb	Iamb	01 14 47.7
comp=2.3,5nm,1.0s					
IL31		80.60 26	P	P	01 15 13.5 +0.4
ILAR	Eielson Array	80.60 26	P	P	01 15 14.1 +0.9
comp=2.0,4nm,0.7s,baz=274,slow=4.7,SNR=4.2					
ARAO	ARCESS Array S	83.74 340	P	P	01 15 29.6 +0.1
ARCES	ARCESS Array B	83.74 340	P	P	01 15 29.6 +0.1
comp=2.5,3nm,0.9s,baz=88,slow=5.5,SNR=6.9					
BR101	Keskin Array S	84.10 309	P	P	01 15 31.1 -1.1
BRTR	Keskin Array B	84.10 309	P	P	01 15 31.1 -1.1
comp=2.0,6nm,0.8s,baz=116,slow=5.7,SNR=3.6					
FIAO	FINESS Array S	85.15 331	P	P	01 15 36.4 -0.5
FINES	FINESS Array B	85.15 331	P	P	01 15 36.4 -0.5
comp=2.3,3nm,0.9s,baz=93,slow=3.8,SNR=5.8					
AKASG	Malin Array Be	85.47 321	P	P	01 15 37.4 -1.2
AKBB	Malin Array Si	85.47 321	Iamb	Iamb	01 15 37.7 -0.9
AKBB			Iamb	Iamb	01 15 40.4
comp=2.4,1nm,1.0s					
KMBO	Kilima Mbogo	87.14 268	P	P	01 15 47.9 0.0
KMBO	Kilima Mbogo	87.14 268	Iamb	Iamb	01 15 46.3 -1.6
KMBO			Iamb	Iamb	01 15 49.4
comp=2.5,3nm,1.1s					
TORD	Torodi Ar. Be	118.43 291	PKP	PKP	01 21 48.0 -1.5
comp=2.0,9nm,0.7s,baz=44,slow=3.0,SNR=6.8					
TOA1	Torodi Ar. Sit	118.43 291	PKP	PKP	01 21 48.0 -1.5
TXAR	Lajitas Array	119.58 48	PKP	PKP	01 21 51.4 -0.2
PLCA	Paso Flores	146.72 159	PKP	PKP	01 22 42.0 +0.5
comp=2.1,2nm,0.6s,baz=242,slow=4.4,SNR=2.5					

IDC 15 01:05:35.8;1.9,10:20N;124:76E,h0km,mb4.1/5,mb1.4/3,mb1mx3/7.64,mbtmp4/2.5,MS4.9/1,ms1mx3/9.55,Error ellipse: s-maj=124.5km s-min=20.6km az=68.0

ISCJB 15 01:05:36.0;4.9;8.8N;0:03x124:11E;0:04,h10km,mb4.0/4,MS4.8/1,Error ellipse: s-maj=6.4km s-min=4.8km az=61.9

NEIC 15 01:05:36.1;1.9,10:28N;0:08x125:1E;0:1,h10km,mb4.1/6

MAN 15 01:05:38.0;10:00N;124:17E,h1km,mb3.8,ML3.7,MS2.1
ISC 15 01:05:38.1;0.6,10:05N;0:04x124:22E;0:05,h10km,n29,az=208/32,mb4.0/3,LD,Leyte

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
LLP	Lapu-Lapu	0.36 317	eP	01 05 44.5 -0.8	
LLP	Lapu-Lapu	0.36 317	eP	01 05 44.5 -0.8	
TBP	Tagbilaran	0.50 224	iS	01 05 50.2 +0.1	
MSLP	Maasin	0.64 83	eP	01 05 53.1 +1.8	
MSLP			eS	01 05 54.4 +0.9	
OCLP	Ormoc	0.55 59.7	iP	01 05 59.7 +1.1	
OCLP			eS	01 06 16.7 +2.7	
GUIM	Jordan	1.70 291	eP	01 06 07.9 +0.1	
BUPK	Musuan	2.31 159	eP	01 06 17.2 +0.8	
BUPK			eS	01 06 53.3 +0.7	
CNP	Cataram	2.48 10	eP	01 06 21.6 -1.2	
OTRP	Odiongan	3.15 317	eP	01 06 29.3 +1.5	
OTRP			eS	01 07 08.7 +3.3	
DAV	Davao City (W)	3.25 155	Pn	01 06 27.4 +1.8	
YULB	Yulu	13.56 348	Pn	01 08 47.7 -2.9	
SBUM	Sibu	14.11 238	Pn	01 09 07.1 +1.2	
NACB	Ninganchiao	14.27 350	Pn	01 08 58.6 -1.6	
BATI	Baumata	20.13 182	P	01 10 13.7 -0.7	
62nm,0.8s,baz=60,slow=12,SNR=8.1					
CMAR	Chiang Mai Arr	25.85 292	P	01 11 13.5 +3.4	
JHJ	Hachijo jima 2	27.07 30	LR	01 20 51.0	
comp=2.3um,22.0s,baz=290,slow=34					
KSAR	Wonju Array Be	27.47	P	01 11 18.0 -6.5	
WR1	Warrungga Arr	31.43 162	P	01 11 58.3 -1.5	
WRA	Warrungga Arr	31.43 162	P	01 11 58.3 -1.5	
0.6nm,0.7s,baz=343,slow=9.3,SNR=3.2					
AS31	Alice Springs	34.82 164	P	01 12 26.4 -3.1	
AS31			Iamb	01 12 30.4	
comp=2.1,1nm,0.8s					
ASAR	Alice Springs	34.83 164	P	01 12 29.8 -0.5	
comp=2.1,4nm,0.4s,baz=342,slow=6.6,SNR=10					
FORT	Forrest	40.76 175	P	01 13 17.8 -1.7	
MK32	Makanchi Array	50.99 324	P	01 14 40.9 +0.7	
MKAR	Makanchi Array	50.99 324	P	01 14 40.9 +0.7	
comp=2.1,1nm,0.8s,baz=128,slow=8.2,SNR=4.2					
MKAR	Makanchi Array	50.99 324	P	01 14 40.2 0.0	
KURK	Kurchatov	55.11 326	P	01 15 10.8 +0.3	
KURK			Iamb	01 15 17.4	
comp=2.5,2nm,1.0s					
KURBB	Kurchatov Arra	55.12 326	P	01 15 10.9 +0.5	
comp=2.1,6nm,0.7s,baz=128,slow=6.5,SNR=5.7					
KK31	Karatay Array	56.97 315	P	01 15 25.0 +1.0	
KK31			Iamb	01 15 30.0	
comp=2.1,2nm,1.0s					
KKAR	Karatay Array	56.97 315	P	01 15 25.1 +1.1	
BRVK	Borovoye	60.78 326	P	01 15 50.4 +0.2	
BRVK			Iamb	01 15 54.2	
comp=2.2,0nm,0.7s					

MAN 15 01:07:35.1;9.97N;124:15E,h1km,mb4.8,ML3.7,MS3.7
BUJ 15 01:07:35.0;0.9;9.1N;124:17E,h15km,mb4.9/59,mb5.1/6,MS6.6/10,MS7.5/10

NEIC 15 01:07:35.3;1.8;9.92N;0:07x124:13E;0:07,h10km,1km,mb4.9/77

ISCJB 15 01:07:37.0;5.9;9.2N;0:02x124:19E;0:02,h2km,4km,mb5.0/108,Error ellipse: s-maj=3.8km s-min=2.7km az=166.2

MOS 15 01:07:38.2;1.1;9.88N;124:12E,h40km,mb5.1/48,Error ellipse: s-maj=99km s-min=4.7km az=111.8

DJA 15 01:07:40.5;0.5;10'NL;3:12'E,h1km,4km,MS5.6/7,mb6.2/4,mb5.0/67,MLV5.73,Mv(m)5.9/4

KLM 15 01:07:41.0;10:12N;124:34E,h59km,mb5.0
IDC 15 01:07:41.4;1.8;9.88N;124:13E,h50km,17km,mb4.3/42,mb1.4/46,mb1mx4.3/67,mbtmp4.6/46,ML4.7/4,Error ellipse: s-maj=13.6km s-min=8.5km az=77.0

ISC 15 01:07:35.7;0.6;9.95N;0:02x124:16E;0:03,h7km,3km,n403,az=190/406,mb4.9/129,17C-5D,Mindanao

Code	Station Name	Δ° AZ°	Phase ID	Time Res
TBP	Tagbilaran	0.39 228	eP	01 07 43.3 0.0
TBP			iS	01 07 46.1 -2.4
LLP	Lapu-Lapu	0.41 332	eP	01 07 34.3 -0.3
LLP			eS	01 07 43.3 -0.3
LLP	Lapu-Lapu	0.41 332	eP	01 07 43.3 -0.3
MSLP	Maasin	0.71 75	eP	01 07 43.7 -5.8
MSLP			eS	01 08 00.5 0.0
SNPH	Sibulan	0.99 236	iP	01 07 56.8 -0.2
SNPH			iS	01 08 00.1 -1.1
OCLP	Ormoc	1.18 22	eP	01 07 52.3 -6.0
OCLP			eS	01 08 14.7 -0.3
OCLP	Ormoc	1.18 22	eP	01 07 58.1 -0.3
OCLP			eS	01 08 18.3 +3.4
GUIM	Jordan	1.68 294	eS	01 08 28.4 -1.4
GUIM	Jordan	1.68 294	eP	01 08 06.0 +0.4
GUIM			eS	01 08 29.9 -0.8
BUTP	Butuan	1.74 124	eP	01 08 04.7 -1.7
BUTP			eS	01 08 27.3 -1.6
BUTP	Butuan	1.74 124	eP	01 08 06.2 -0.2
BUTP			eS	01 08 31.5 -0.3
BESP	Borongan	2.06 37	eP	01 08 11.0 +0.2
BESP			eS	01 08 39.0 -0.1
RCP	Roxas	2.12 319	eP	01 08 11.4 -0.1

RCP			eS	Sb	01 08 40.0 -0.9
PAGZ	Pagadian	2.23 200	eP	Sn	01 08 41.9 +1.0
PAGZ		2.23 200	eP	Sb	01 08 15.3 -1.0
PAGZ			eP	Sn	01 08 41.9 +1.0
BUPK	Musuan	2.25 156	eP	Pn	01 08 13.6 +0.2
BUPK			eP	Pn	01 08 46.9 +1.9
BUPK	Musuan	2.25 156	eP	Pn	01 08 13.6 +0.2
BUPK			eP	Pn	01 08 45.5 +0.8
CNP	Cataram	2.59 11	eP	Sn	01 08 17.5 -0.5
CNP			eP	Sn	01 08 51.6 +1.9
CNP			eP	Sn	01 08 17.5 -0.4
CNP			eS	Sn	01 08 51.6 +1.9
IPIL	Ipil	2.66 216	eP	Pn	01 08 20.1 +1.1
BIPH	Bislig	2.80 129	iP	Pn	01 08 22.1 +1.2
BIPH			iS	Pn	01 08 57.4 +2.4
DMPH	Davao City-Mi	3.15 155	eP	Pb	01 08 31.0 -1.0
DMPH			eP	Pb	01 08 12.5 +1.8
OTRP	Odiongan	3.18 319	eP	Sb	01 08 27.7 +0.9
OTRP			eS	Sb	01 08 08.8 -2.8
OTRP	Odiongan	3.18 319	eP	Sb	01 08 27.3 +1.1
OTRP			eS	Sb	01 08 08.1 -3.5
OTRP			eS	Sb	01 08 29.2 +2.8
DAV	Davao City (W)	3.19 154	Pn	Pn	01 08 26.4 0.0
194nm,0.3s,baz=274,slow=2.7,SNR=4.6					
DAV	Davao City (W)	3.19 154	Pn	Pn	01 08 26.4 0.0
DAV			eS	Pn	01 09 04.3 -0.4
CUYO	Cuyo Island	3.21 286	eP	Pn	01 08 27.0 +0.4
CUYO	Cuyo Island	3.21 286	eP	Pn	01 08 27.2 +0.5
LOP	Lukban	3.65 337	eP	Pn	01 08 30.7 +2.4
BOAC	Boac	4.16 327	eP	Sb	01 08 40.2 +0.7
BOAC			eS	Sb	01 09 36.9 -2.7
GUINAYANGAN	Guinayangan	4.27 337	eP	Pn	01 08 42.1 +1.0
BUSP	Coron	4.39 298	eP	Pn	01 08 43.2 +0.4
BUSP	Coron	4.39 298	eP	Pn	01 08 44.4 +1.7
BUSP			eP	Pn	01 08 51.9 +2.4
TGY	Tagaytay City	5.19 323	P	Pn	01 08 58.7 +4.8
buz=155,slow=1.1,SNR=3.5					
PPR	Puerto Princes	5.35 269	eP	Pn	01 09 00.5 +4.5
SGSI	Sanigro	6.37 168	P	Pn	01 09 10.2 +0.1
371nm,0.8s,8um,1.6nm					
MNI	Manabo	8.48 175	P	Pn	01 09 42.4 +3.3
MNI			eP	Pn	01 09 42.4 +3.3
comp=2.155nm,0.9s					
KKM	Kota Kinabalu	8.77 244	Pn	Pn	01 09 44.2 +1.1
KKM			eP	Sn	01 11 20.8 -1.7
KKM	Kota Kinabalu	8.77 244	Pn	Pn	01 09 45.1 +2.0
SPMM	Sapulut	9.24 236	P	Pn	01 09 55.0 +5.5
KMSI	Cibinong	9.32 181	P	Pn	01 09 56.5 +5.9
TNTI	Ternate	9.66 161	P	Pn	01 09 56.5 +1.2
comp=2.108nm,1.0s					
TNTI	Ternate	9.66 161	P	Pn	01 09 54.7 -0.6
MRSI	Marisa	9.67 193	P	Pn	01 09 57.6 +2.2
comp=2.34nm,1.0s					
I39PW	PALAU INFRASONIC 155 102				02 13 00.0
buz=294,slow=3.1,SNR=8.0					
LUWI	Luwuk	11.01 187	P	Pn	01 10 13.5 -0.2
LUWI	Luwuk	11.01 187	P	Pn	01 10 13.8 +0.1
LMBI	Lubuha	11.04 162	P	Pn	01 10 14.6 +0.5
comp=2.97nm,1.0s					
APSI	Ampana	11.08 193	P	Pn	01 10 20.4 +5.7
comp=2.109nm,2.2s					
SANI	Sanana	12.06 171	P	Pn	01 10 24.8 -3.4
SMKI	Samarinda	12.24 214	P	Pn	01 10 37.8 +4.6
SIJI	Sorong	12.87 146	P	Pn	01 10 40.9 +1.7
comp=2.7nm,0.3s,baz=351,slow=14,SNR=5.5					
TTSI	Tana Toraja	13.62 199	P	Pn	01 10 53.6 +4.2
YULB	Yulu	13.64 349	Pn	Pn	01 10 49.6 -0.1
SBUM	Sibu	14.01 239	P	Pn	01 10 58.0 +3.2
SBUM			eP	Pn	01 10 58.7 +3.1
SSLB	Sibulung	14.09 348	P	Pn	01 10 53.3 -0.7
AAI	Ambon	14.13 163	P	Pn	01 10 54.7 +1.2
AAI			eP	Pn	01 10 57.7 +1.2
comp=2.96nm,0.8s					
AAI	Ambon	14.13 163	P	Pn	01 10 58.7 +2.2
SFSI	Sidrap Palu	14.50 198	P	Pn	01 11 02.5 +2.6
BNSI	Bone	14.82 196	P	Pn	01 11 10.2 -1.6
YHNB	Yeheng	14.87 350	P	Pn	01 11 07.5 +0.9
FAKI	Fak Fak	15.12 147	P	Pn	01 11 12.0 +2.2
FAKI			Iamb	Iamb	01 11 19.7
comp=2.37nm,0.7s					
KNMB	Chin-men Taw	15.44 340	Pn	Iamb	01 11 13.2 -0.9
KNMB			Iamb	Iamb	01 11 14.3
comp=2.36nm,0.7s					

ISCJB 15 01:12:38.2±1.0, 9.1N±0.1; 122.69E±0.09, h10km, mb3.7/4, Error ellipse: s-maj=19.6km s-min=9.7km az=148.9
 IDC 15 01:12:38.2±2.8, 9.27N±1.23, 13E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5-5.7, mbtmp3.7/4, Error ellipse: s-maj=36.2, 8km s-min=22.0km az=64.0
 ISC 15 01:12:40.3±1.3, 9.1N±0.2, 122.8E±0.1, h10km, n5, c090/6, mb3.8/4, Negros

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
SNPH	Sibulan	0.51 60	Op	ISC	01 12 50.3
SNPH			iS	Sb	01 12 59.0+0.1
WRA	Warramunga Arr	31.01 159	P	P	01 18 57.6 -0.7
ASAR	Alca Springs	34.32 162	P	P	01 19 28.1 +0.8
MKAR	Makanchi Array	50.95 325	P	P	01 21 42.8 +0.8
KURBB	Kurchatov Arr	55.14 327	P	P	01 22 12.0 -0.9

HLW 15 01:15:31.8, 35.02N±33.94E, h10km, 13km, M4.0
 IDC 15 01:15:33.0±1.1, 34.85N±34.00E, h0km, mb3.7/7, mb1 3.9/11, mb1mx3.6/6.0, mbtmp3.7/11, ML3.7/4, Error ellipse: s-maj=26.5km s-min=16.2km az=63.0
 NIC 15 01:15:33.4±0.0, 34.85N±33.89E, h16km, 1km, M4.1/6
 MED_RC 15 01:15:34.0±2.7, 34.87N±34.00E, h10km, MW5.7/11, Moment Tensor Solution, Mantle waves: s11, c12; Duration: 1s0 Moment tensor: Scale 10¹⁷N/m²; Mw=0.94; M₀=0.25; M₁₁=0.25; M₂₂=0.04; M₃₃=0.04; M₁₂=0.04; M₁₃=0.04; M₂₃=0.04; M₁₄=0.04; M₁₅=0.04; M₁₆=0.04; M₁₇=0.04; M₁₈=0.04; M₁₉=0.04; M₂₀=0.04; M₂₁=0.04; M₂₂=0.04; M₂₃=0.04; M₂₄=0.04; M₂₅=0.04; M₂₆=0.04; M₂₇=0.04; M₂₈=0.04; M₂₉=0.04; M₃₀=0.04; M₃₁=0.04; M₃₂=0.04; M₃₃=0.04; M₃₄=0.04; M₃₅=0.04; M₃₆=0.04; M₃₇=0.04; M₃₈=0.04; M₃₉=0.04; M₄₀=0.04; M₄₁=0.04; M₄₂=0.04; M₄₃=0.04; M₄₄=0.04; M₄₅=0.04; M₄₆=0.04; M₄₇=0.04; M₄₈=0.04; M₄₉=0.04; M₅₀=0.04; M₅₁=0.04; M₅₂=0.04; M₅₃=0.04; M₅₄=0.04; M₅₅=0.04; M₅₆=0.04; M₅₇=0.04; M₅₈=0.04; M₅₉=0.04; M₆₀=0.04; M₆₁=0.04; M₆₂=0.04; M₆₃=0.04; M₆₄=0.04; M₆₅=0.04; M₆₆=0.04; M₆₇=0.04; M₆₈=0.04; M₆₉=0.04; M₇₀=0.04; M₇₁=0.04; M₇₂=0.04; M₇₃=0.04; M₇₄=0.04; M₇₅=0.04; M₇₆=0.04; M₇₇=0.04; M₇₈=0.04; M₇₉=0.04; M₈₀=0.04; M₈₁=0.04; M₈₂=0.04; M₈₃=0.04; M₈₄=0.04; M₈₅=0.04; M₈₆=0.04; M₈₇=0.04; M₈₈=0.04; M₈₉=0.04; M₉₀=0.04; M₉₁=0.04; M₉₂=0.04; M₉₃=0.04; M₉₄=0.04; M₉₅=0.04; M₉₆=0.04; M₉₇=0.04; M₉₈=0.04; M₉₉=0.04; M₁₀₀=0.04; M₁₀₁=0.04; M₁₀₂=0.04; M₁₀₃=0.04; M₁₀₄=0.04; M₁₀₅=0.04; M₁₀₆=0.04; M₁₀₇=0.04; M₁₀₈=0.04; M₁₀₉=0.04; M₁₁₀=0.04; M₁₁₁=0.04; M₁₁₂=0.04; M₁₁₃=0.04; M₁₁₄=0.04; M₁₁₅=0.04; M₁₁₆=0.04; M₁₁₇=0.04; M₁₁₈=0.04; M₁₁₉=0.04; M₁₂₀=0.04; M₁₂₁=0.04; M₁₂₂=0.04; M₁₂₃=0.04; M₁₂₄=0.04; M₁₂₅=0.04; M₁₂₆=0.04; M₁₂₇=0.04; M₁₂₈=0.04; M₁₂₉=0.04; M₁₃₀=0.04; M₁₃₁=0.04; M₁₃₂=0.04; M₁₃₃=0.04; M₁₃₄=0.04; M₁₃₅=0.04; M₁₃₆=0.04; M₁₃₇=0.04; M₁₃₈=0.04; M₁₃₉=0.04; M₁₄₀=0.04; M₁₄₁=0.04; M₁₄₂=0.04; M₁₄₃=0.04; M₁₄₄=0.04; M₁₄₅=0.04; M₁₄₆=0.04; M₁₄₇=0.04; M₁₄₈=0.04; M₁₄₉=0.04; M₁₅₀=0.04; M₁₅₁=0.04; M₁₅₂=0.04; M₁₅₃=0.04; M₁₅₄=0.04; M₁₅₅=0.04; M₁₅₆=0.04; M₁₅₇=0.04; M₁₅₈=0.04; M₁₅₉=0.04; M₁₆₀=0.04; M₁₆₁=0.04; M₁₆₂=0.04; M₁₆₃=0.04; M₁₆₄=0.04; M₁₆₅=0.04; M₁₆₆=0.04; M₁₆₇=0.04; M₁₆₈=0.04; M₁₆₉=0.04; M₁₇₀=0.04; M₁₇₁=0.04; M₁₇₂=0.04; M₁₇₃=0.04; M₁₇₄=0.04; M₁₇₅=0.04; M₁₇₆=0.04; M₁₇₇=0.04; M₁₇₈=0.04; M₁₇₉=0.04; M₁₈₀=0.04; M₁₈₁=0.04; M₁₈₂=0.04; M₁₈₃=0.04; M₁₈₄=0.04; M₁₈₅=0.04; M₁₈₆=0.04; M₁₈₇=0.04; M₁₈₈=0.04; M₁₈₉=0.04; M₁₉₀=0.04; M₁₉₁=0.04; M₁₉₂=0.04; M₁₉₃=0.04; M₁₉₄=0.04; M₁₉₅=0.04; M₁₉₆=0.04; M₁₉₇=0.04; M₁₉₈=0.04; M₁₉₉=0.04; M₂₀₀=0.04; M₂₀₁=0.04; M₂₀₂=0.04; M₂₀₃=0.04; M₂₀₄=0.04; M₂₀₅=0.04; M₂₀₆=0.04; M₂₀₇=0.04; M₂₀₈=0.04; M₂₀₉=0.04; M₂₁₀=0.04; M₂₁₁=0.04; M₂₁₂=0.04; M₂₁₃=0.04; M₂₁₄=0.04; M₂₁₅=0.04; M₂₁₆=0.04; M₂₁₇=0.04; M₂₁₈=0.04; M₂₁₉=0.04; M₂₂₀=0.04; M₂₂₁=0.04; M₂₂₂=0.04; M₂₂₃=0.04; M₂₂₄=0.04; M₂₂₅=0.04; M₂₂₆=0.04; M₂₂₇=0.04; M₂₂₈=0.04; M₂₂₉=0.04; M₂₃₀=0.04; M₂₃₁=0.04; M₂₃₂=0.04; M₂₃₃=0.04; M₂₃₄=0.04; M₂₃₅=0.04; M₂₃₆=0.04; M₂₃₇=0.04; M₂₃₈=0.04; M₂₃₉=0.04; M₂₄₀=0.04; M₂₄₁=0.04; M₂₄₂=0.04; M₂₄₃=0.04; M₂₄₄=0.04; M₂₄₅=0.04; M₂₄₆=0.04; M₂₄₇=0.04; M₂₄₈=0.04; M₂₄₉=0.04; M₂₅₀=0.04; M₂₅₁=0.04; M₂₅₂=0.04; M₂₅₃=0.04; M₂₅₄=0.04; M₂₅₅=0.04; M₂₅₆=0.04; M₂₅₇=0.04; M₂₅₈=0.04; M₂₅₉=0.04; M₂₆₀=0.04; M₂₆₁=0.04; M₂₆₂=0.04; M₂₆₃=0.04; M₂₆₄=0.04; M₂₆₅=0.04; M₂₆₆=0.04; M₂₆₇=0.04; M₂₆₈=0.04; M₂₆₉=0.04; M₂₇₀=0.04; M₂₇₁=0.04; M₂₇₂=0.04; M₂₇₃=0.04; 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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GKN Gorkha, DANN Dangsing, STKA Stephens Creek, etc.

NEIC 15 01:36:56.9.1.4, 9.52N;0.08E;123.80E;0.04, h10km, 1km, mb4.6/42
ISCJCB 15 01:36:58.0.5.9.79N;0.03E;123.98E;0.03, h21km, 3km, mb4.2/31, Error ellipse: s-maj=5.5km s-min=5.0km az=178.1
MAN 15 01:36:58.6.9.88N;124.03E, h7km, MS4.3
MAN Intensity IV - Tagbilaran City, IDC 15 01:36:58.0.5.9.62N;123.91E, h0km, mb4.2/30, mb1.4/230, mb1mx4.2/57, mbtmp4.2/30, Error ellipse: s-maj=18.9km s-min=11.5km az=64.0
ISC 15 01:36:58.7.1.0.924N;0.02E;124.01E;0.03, h9km, 6km, n113, c241/116, mb4.4/47, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Code Tagbilaran, TBP Tagbilaran, LLLP Lapu-Lapu, etc.

2013 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKNI Bangkinang, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

mb6.0/13, mb5.2/73, MLv5.8/2, Mw(mb)5.6/13

KLM 15 01:38:00.9.82N;123.86E, h51km, mb5.2
IDC 15 01:38:02.8.2.3.971N;123.72E, h76km, 21km, mb4.4/43, mb1.4/5/47, mb1mx4.5/60, mbtmp4.8/47, Error ellipse: s-maj=13.2km s-min=7.8km az=73.0
ISC 15 01:37:56.9.0.6.971N;0.02E;123.70E;0.02, h23km, 4km, n574, c157/567, mb5.0/175, 39C-1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Code Tagbilaran, TBP Tagbilaran, SNPH Sibulan, etc.

BUI 15 01:37:53.0.0.0.972N;123.87E, h12km, mb4.9/50, mb5.3/8, MS5.4/14, Ms7.5/2.14
NEIC 15 01:37:54.0.1.1.971N;0.07E;123.74E;0.07, h10km, 1km, mb5.1/138
MAN 15 01:37:55.7.973N;123.62E, h8km, mb4.7, ML3.6, MS3.5
MOS 15 01:37:56.7.1.0.974N;123.72E, h39km, mb5.2/69, Error ellipse: s-maj=9.1km s-min=4.5km az=117.3
ISCJCB 15 01:37:57.5.0.3.974N;0.02E;123.77E;0.02, h44km, 3km, mb5.0/126, MS3.3/1, Error ellipse: s-maj=3.7km s-min=2.6km az=122.6
DJA 15 01:37:58.9.0.8.103N;12.4E, h31km, 6km, M5.6/73,

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KKAR, SEY, TAS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TOLK, MOS, SEW, NEA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TCLR, TLR, ISP, etc.

SNET 15 01:44:16.8z.2.1, 14.70N:86.75W, h30km, ML3.6
UCR 15 01:44:17.2z.1.2, 14.66N:86.75W, h6km, ML3.4
ISC 15 01:44:16.4z.3.3, 14.7N:02:86.70W:0.08, h10km, n16,
o=067/16, Honduras
Code Station Name Az El Op Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAGO Alcaldia de S, CNCH Conchagua, CNCH Conchagua, etc.

IDC 15 01:44:25.3:4.9,57N,123.21E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5.2, mbtmp3.8/4, MS4.8/1, Ms1 4.8/1, ms1mx3.5/5.8, Error ellipse: s-maj=428.8km s-min=22.3km az=64.0

ISC 15 01:44:25.9:1.2, 9.57N, 123.3E, 0.1, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, LLL Lapu-Lapu, LLL Lapu-Lapu, etc.

IDC 15 01:48:01.8:2.6, 28.93S, 178.14W, h0km, mb4.0/3, mb1 4.1/3, mb1mx3.8/4.0, mbtmp4.0/3, Error ellipse: s-maj=71.9km s-min=12.5km az=42.0

ISC 15 01:48:04.2:0.2, 28.8S, 10.1x177.8W, 0.3, h35km, n12, s=0517/7, mb3.9/3, Kermadec Islands region

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

MAN 15 01:49:58.5: 9.94N, 124.64E, h1km, mb4.2, ML3.0, MS2.6

IDC 15 01:50:09.2: 1.7, 10.02N, 124.60E, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.5/5.6, mbtmp4.2/3, Error ellipse: s-maj=123.9km s-min=70.6

ISCJB 15 01:50.7: 0.9, 9.74N, 0.05x123.99E, 0.07, h10km, mb3.8/2, Error ellipse: s-maj=10.1km s-min=5.7km az=22.8

ISC 15 01:50:11.5: 0.9, 9.73N, 0.06x123.97E, 0.09, h10km, n10, s=0811/3, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, LLL Lapu-Lapu, SNPH Sibulan, etc.

NEIC 15 01:55:27.8: 1.4, 9.81N, 102.06x124.01E, 0.06, h10km, 1km, mb4.9/3

MAN 15 01:55:27.5: 9.82N, 123.83E, h12km, mb5.6, ML4.6, MS4.9

MAN Intensity V - Tagbilaran Bohol

ISCJB 15 01:55:28.5: 0.5, 9.83N, 0.02x124.03E, 0.02, h20km, 3km, mb4.8/106, MS5.1/1, Error ellipse: s-maj=3.8km s-min=2.7km az=161.8

BUI 15 01:55:29.5: 0.0, 9.78N, 123.96E, h23km, mb4.9/57, mb5.4/15, Ms5.3/21, Ms7.5/1/18

DJA 15 01:55:30.9: 0.2, 10.1N, 123.12E, h10km, Ms5.5/4, mb5.9/13, mb5.1/54, MLV6.0/2, Mw(MB)5.1/3

MOS 15 01:55:31.2: 1.2, 9.72N, 123.96E, h48km, mb5.1/55, Error ellipse: s-maj=10.3km s-min=4.7km az=120.2

KLM 15 01:55:32.0: 0.8, 9.83N, 124.06E, h18km, mb5.1

IDC 15 01:55:34.5: 2.4, 9.77N, 123.98E, h55km, 22km, mb4.3/35, mb1 4.4/37, mb1mx4.3/64, mbtmp4.6/37, Ms5.1/3, MS4.9/5, Ms1 5.0/5, ms1mx4.3/58, Error ellipse: s-maj=15.1km s-min=8.8km az=69.0

ISC 15 01:55:29.7: 0.6, 9.78N, 102.02x124.02E, 0.03, h17km, 3km, n389, s=179/402, mb4.8/127, 10C-8B, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, LLL Lapu-Lapu, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP Pagadian, PAGZ Pagadian, MUSAN Musuan, etc.

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5.2, mbtmp3.8/4, MS4.8/1, Ms1 4.8/1, ms1mx3.5/5.8, Error ellipse: s-maj=428.8km s-min=22.3km az=64.0

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP Pagadian, PAGZ Pagadian, MUSAN Musuan, etc.

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5.2, mbtmp3.8/4, MS4.8/1, Ms1 4.8/1, ms1mx3.5/5.8, Error ellipse: s-maj=428.8km s-min=22.3km az=64.0

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP Pagadian, PAGZ Pagadian, MUSAN Musuan, etc.

MAN 15 01:56:26.7: 0.3, 5.58S, 124.77E, h1km, mb4.2, ML3.0, MS2.6

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.5/5.6, mbtmp4.2/3, Error ellipse: s-maj=123.9km s-min=70.6

ISCJB 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.07, h10km, mb3.8/2, Error ellipse: s-maj=10.1km s-min=5.7km az=22.8

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.09, h10km, n10, s=0811/3, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP Pagadian, PAGZ Pagadian, MUSAN Musuan, etc.

NEIC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.06, h10km, 1km, mb4.9/3

MAN 15 01:56:26.7: 0.3, 5.58S, 124.77E, h12km, mb5.6, ML4.6, MS4.9

MAN Intensity V - Tagbilaran Bohol

ISCJB 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.02, h20km, 3km, mb4.8/106, MS5.1/1, Error ellipse: s-maj=3.8km s-min=2.7km az=161.8

BUI 15 01:56:26.7: 0.3, 5.58S, 124.77E, h23km, mb4.9/57, mb5.4/15, Ms5.3/21, Ms7.5/1/18

DJA 15 01:56:26.7: 0.3, 5.58S, 124.77E, h10km, Ms5.5/4, mb5.9/13, mb5.1/54, MLV6.0/2, Mw(MB)5.1/3

MOS 15 01:56:26.7: 0.3, 5.58S, 124.77E, h48km, mb5.1/55, Error ellipse: s-maj=10.3km s-min=4.7km az=120.2

KLM 15 01:56:26.7: 0.3, 5.58S, 124.77E, h18km, mb5.1

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h17km, 3km, n389, s=179/402, mb4.8/127, 10C-8B, Mindanao

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP Pagadian, PAGZ Pagadian, MUSAN Musuan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5.2, mbtmp3.8/4, MS4.8/1, Ms1 4.8/1, ms1mx3.5/5.8, Error ellipse: s-maj=428.8km s-min=22.3km az=64.0

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5.2, mbtmp3.8/4, MS4.8/1, Ms1 4.8/1, ms1mx3.5/5.8, Error ellipse: s-maj=428.8km s-min=22.3km az=64.0

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

MAN 15 01:56:26.7: 0.3, 5.58S, 124.77E, h1km, mb4.2, ML3.0, MS2.6

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.5/5.6, mbtmp4.2/3, Error ellipse: s-maj=123.9km s-min=70.6

ISCJB 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.07, h10km, mb3.8/2, Error ellipse: s-maj=10.1km s-min=5.7km az=22.8

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.09, h10km, n10, s=0811/3, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

NEIC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.06, h10km, 1km, mb4.9/3

MAN 15 01:56:26.7: 0.3, 5.58S, 124.77E, h12km, mb5.6, ML4.6, MS4.9

MAN Intensity V - Tagbilaran Bohol

ISCJB 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.02, h20km, 3km, mb4.8/106, MS5.1/1, Error ellipse: s-maj=3.8km s-min=2.7km az=161.8

BUI 15 01:56:26.7: 0.3, 5.58S, 124.77E, h23km, mb4.9/57, mb5.4/15, Ms5.3/21, Ms7.5/1/18

DJA 15 01:56:26.7: 0.3, 5.58S, 124.77E, h10km, Ms5.5/4, mb5.9/13, mb5.1/54, MLV6.0/2, Mw(MB)5.1/3

MOS 15 01:56:26.7: 0.3, 5.58S, 124.77E, h48km, mb5.1/55, Error ellipse: s-maj=10.3km s-min=4.7km az=120.2

KLM 15 01:56:26.7: 0.3, 5.58S, 124.77E, h18km, mb5.1

IDC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h17km, 3km, n389, s=179/402, mb4.8/127, 10C-8B, Mindanao

ISC 15 01:56:26.7: 0.3, 5.58S, 124.77E, 0.03, h10km, n10, s=506/8, mb3.9/4, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TRTT Trang, LHSL Lahat, BKNI Enshi, etc.

15d 2h

2013 OCT

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Gaotai, Charters Tower, and various regional stations.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM, YAK, YAKUTSK, and various regional stations.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TBLG, GNI, RAYN, and various regional stations.

az=40.1
IDC 15 02:02:24.0:8.5,29.41S:178.25W,h0km,mb4.7,17
mb1.4/8/19,mb1mx4.6/41,mbtmp4.7/19,ML3.7/2,MSS.1/5,
Ms1.5/1.5,ms1mx4.5/42,Error ellipse: s-maj=18.2km
s-min=8.1km az=160.0

NEIC 15 02:02:25.6:1.7,29.59S:0.08:178.46W:0.07,h10km,1km,
mb4.9/31

BUI 15 02:02:29.0:0.0,29.50S:178.30W,h30km,mb5.1/10
ISC 15 02:02:25.5:0.3,29.58S:0.06:178.34W:0.07,h10km
n140,r122/135,mb4.9/34,1C-1D,Kermadec Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, h, m, s, Res, ISC. Lists various stations like RAO Raoul Island, OAU Omahuta, URZ Urewera, etc.

Table with columns: LZH, Station Name, Az, Phase, Op, ISC, h, m, s, Res, ISC. Lists stations like LZH Lanzhou, LZH Kashi, LZH Karatay Array, etc.

ISC/JB 15 02:09:43.1±1.0,9.96N:0.05±124.32E:0.06,h10km,
mb3.8/4, Error ellipse: s-maj=9.0km s-min=7.3km az=7.8
IDC 15 02:09:43.6:2.0,9.89N:124.34E,h0km,mb3.8/4,
mb1.4/0.4,mb1mx3.7/41,mbtmp3.8/4, Error ellipse:
s-maj=101.8km s-min=24.1km az=57.0

ISC 15 02:09:45.0:1.2,9.96N:0.06:124.23E:0.10,h10km,n9,
r15/12,mb3.9/4,1C-1D,Mindanao

Table with columns: Code, Station Name, Az, Phase, Op, ISC, h, m, s, Res, ISC. Lists stations like LLP Lapu-Lapu, TBP Tagbilaran, SNPH Sibulan, etc.

Table with columns: DJR, Station Name, Az, Phase, Op, ISC, h, m, s, Res, ISC. Lists stations like DJR 22nm,0.2s, DJR 35nm,0.6s, PDGK Podgornoye, etc.

RORO	Rocca Rossa	0.63	121	P	Pg	02 47 26.3	-0.2	OGSM	Saint Maurice	1.64	316	Pn	Pb	02 47 44.9	+1.1	DAVOX	Davos/Dischmat	2.95	37	P	Pn	02 48 01.5	+1.1
RORO	Rocca Rossa	0.63	121	S	Sg	02 47 35.0	0.0	DIX	Grande Dixence	1.64	2	P	Pn	02 47 42.2	-0.2	DAVOX	DAVOX			P	Pn		
RORO	Rocca Rossa	0.63	121	P	Pg	02 47 35.0	-0.2	DIX	comp=E,512µm,1.4s			AML	AML			DAVOX	comp=N,192µm,0.5s			AML	AML		
RORO	Rocca Rossa			S	Sg	02 47 35.0	0.0	DIX	comp=N,498µm,0.3s			AML	AML			OSSC	Osservatorio P	2.98	107	i	P	02 48 01.1	+0.4
RORO	comp=E,16400µm,0.1s			AML	AML			MMK	Mattmark	1.67	16	P	Pn	02 47 42.1	-0.8	OSSC	comp=E,124µm,1.6s			AML	AML		
RORO	comp=N,18550µm,0.2s			AML	AML			MMK	comp=E,512µm,1.4s			AML	AML			OSSC	comp=E,163µm,0.9s			AML	AML		
RORO	comp=N,18550µm,0.2s			AML	AML			MMK	comp=N,346µm,1.3s			AML	AML			OSSC	comp=N,149µm,0.9s			AML	AML		
NEGI	Seborga	0.66	155	P	Pg	02 47 26.7	-0.3	ARBFB	Arbois	1.72	237	Pn	Pn	02 47 44.1	+0.9	CSNT	Lubilhac	3.00	287	Pn	Pn	02 48 02.4	+1.5
NEGI	Seborga	0.66	155	S	Sg	02 47 35.1	-0.6	ARBFB	Varese	1.76	35	Pg	Pn	02 47 46.0	+0.8	CSNT	Castellina Chi	3.03	107	P	Pn	02 48 01.7	+0.3
NEGI	Seborga	0.66	155	P	Pg	02 47 26.7	-0.3	VARE	VARE			AML	AML	02 47 44.0	0.0	CSNT	comp=E,80µm,0.7s			AML	AML		
NEGI	Seborga	0.66	155	S	Sg	02 47 35.2	-0.6	VARE	comp=N,588µm,1.5s			AML	AML			FROS	Frosini	3.04	113	i	P	02 48 01.5	0.0
NEGI	comp=E,11900µm,0.2s			AML	AML			VARE	comp=E,692µm,0.6s			AML	AML			FROS	comp=N,106µm,0.8s			AML	AML		
NEGI	comp=N,14850µm,0.1s			AML	AML			VARE	comp=N,602µm,0.5s			AML	AML			CASP	Castiglione de	3.06	121	P	Pn	02 48 01.3	-0.5
RSP	Reno Superiore	0.71	357	P	Pb	02 47 27.1	-1.0	PLMA	Palmaria, Port	1.86	101	P	Pn	02 47 44.9	-0.3	CASP	comp=E,94µm,0.7s			AML	AML		
RSP	Reno Superiore	0.71	357	P	Pb	02 47 27.1	-1.0	PLMA	comp=E,451µm,0.7s			AML	AML			CASP	comp=N,119µm,1.3s			AML	AML		
RSP	comp=E,4730µm,0.3s			AML	AML			PLMA	comp=N,648µm,0.4s			AML	AML			RUF1	Rufina	3.08	100	P	Pn	02 48 01.8	-0.2
RSP	comp=N,6075µm,0.2s			AML	AML			OG02	Monnetter-Morn	1.88	336	Pn	Pn	02 47 48.2	+2.7	RUF1	comp=N,206µm,0.8s			AML	AML		
MON	Monaco	0.71	173	Pg	Pb	02 47 27.8	-0.3	OG02	Saint-Julien-1	1.93	283	eP	Pn	02 47 47.3	+1.1	RUF1	comp=E,135µm,1.3s			AML	AML		
MON	Monaco	0.71	173	Sg	Sb	02 47 37.0	-0.6	OG02	Saint-Julien-1	1.93	283	eP	Pn	02 47 51.0	+2.1	ASQU	Asqua	3.29	100	P	Pn	02 48 04.6	-0.3
CALF	Calern	0.74	202	Pg	Pb	02 47 28.2	-0.5	VIVF	Saint-Julien-I	1.93	283	eSg	Sb	02 48 07.9	-2.2	ASQU	comp=E,95µm,0.4s			AML	AML		
CALF	Calern	0.74	202	Pg	Pb	02 47 37.8	-0.9	VIVF	comp=N,56nm,0.2s			eSg	Sb	02 48 14.7	+2.0	ASQU	comp=N,86µm,1.5s			AML	AML		
QLNO	Quiliano	0.75	99	P	Pb	02 47 28.8	+0.1	VIVF	comp=N,146nm,0.3s			eP	Pn	02 47 47.6	+0.8	SMF	Signal de Mont	3.29	313	eP	Pn	02 48 06.9	+2.0
QLNO	Quiliano	0.75	99	S	Sb	02 47 38.6	-0.1	GRAM	Graiana	1.97	88	eP	Pn	02 47 47.6	+0.8	SMF	comp=N,62nm,0.3s			eSg	Sb	02 48 57.5	+5.8
QLNO	comp=N,9820µm,0.5s			AML	AML			GRAM	comp=E,1140µm,0.4s			AML	AML			SFI	Santa Sofia	3.31	98	P	Pn	02 48 04.7	-0.4
QLNO	comp=E,13200µm,1.3s			AML	AML			GRAM	comp=N,1390µm,0.7s			AML	AML			SFI	comp=N,146µm,0.8s			AML	AML		
BNI	Bardonecchia	0.76	324	P	Pb	02 47 28.8	-0.2	GROG	Isola di Gorgo	2.12	118	eP	Pn	02 47 48.1	-0.6	SFI	comp=N,76nm,0.3s			eSg	Sb	02 48 57.5	+5.8
BNI	Bardonecchia	0.76	324	S	Sb	02 47 38.8	-0.3	GROG	GROG			AML	AML			SFI	comp=N,146µm,0.8s			AML	AML		
BNI	comp=E,1785µm,1.1s			AML	AML			GROG	comp=E,448µm,1.2s			AML	AML			PFM	Petit Puy Mans	3.32	295	Pn	Pn	02 48 06.6	+1.3
BNI	comp=N,858µm,1.5s			AML	AML			GROG	comp=N,305µm,0.7s			AML	AML			AGO	Saint Agoulin	3.35	300	Pn	Pn	02 48 07.4	+1.4
BNI	comp=N,992µm,1.5s			AML	AML			GROG	Saint Sauveur	2.14	294	Pn	Pn	02 47 50.2	+1.0	DAVA	Danuels	3.36	31	Pn	Pn	02 48 08.4	+2.4
BNI	comp=E,1780µm,1.1s			AML	AML			GROG	Monti di Nese	2.16	51	Pn	Pn	02 47 49.8	+0.4	DAVA	comp=E,5.4nm,0.4s,SNR=15			i	Sn	02 48 47.6	+2.0
BNI	comp=N,857µm,1.5s			AML	AML			SSB	MDI			AML	AML			DAVA	comp=E,5.7nm,0.4s			ePn	Pb	02 48 07.0	+0.7
BNI	comp=N,2235µm,1.1s			AML	AML			MDI	comp=E,488µm,0.2s			AML	AML			HINF	Hinterfeld	3.39	355	ePn	Pb	02 48 16.6	+2.8
BNI	comp=N,2235µm,1.1s			AML	AML			MDI	comp=E,476µm,0.2s			AML	AML			HINF	Hinterfeld	3.39	355	ePn	Pb	02 48 43.4	-2.8
BNI	comp=N,857µm,1.5s			AML	AML			MDI	comp=N,524µm,0.4s			AML	AML			HINF	comp=E,30nm,0.2s			eSg	Sg	02 49 01.5	-1.5
BNI	comp=N,857µm,1.5s			AML	AML			MDI	comp=N,508µm,0.4s			AML	AML			APPI	Appiano	3.43	52	P	Pn	02 48 08.3	+1.5
MONC	Moncucco Torin	0.77	34	P	Pb	02 47 29.8	+0.7	GIMEL	St. Georges /	2.22	341	P	Pn	02 47 52.5	+2.2	APPI	comp=E,155µm,1.2s			AML	AML		
MONC	Moncucco Torin	0.77	34	S	Sb	02 47 39.0	-0.3	GIMEL	GIMEL			AML	AML			MAON	Monte Argentar	3.43	125	P	Pn	02 48 06.2	-0.6
MONC	comp=N,16150µm,0.4s			AML	AML			GIMEL	comp=N,290µm,1.1s			AML	AML			MAON	comp=E,68µm,0.8s			AML	AML		
MONC	comp=E,8570µm,0.5s			AML	AML			GIMEL	comp=E,468µm,0.6s			AML	AML			MAON	comp=N,67µm,0.7s			AML	AML		
FINB	Finale Ligure	0.77	110	P	Pb	02 47 29.1	0.0	ERBM	Eremo	2.22	89	P	Pn	02 47 51.7	+1.5	CRE	Caprese Michel	3.44	102	P	Pn	02 48 07.5	+0.4
FINB	Finale Ligure	0.77	110	S	Sb	02 47 39.0	-0.3	ERBM	ERBM			AML	AML			CRE	comp=N,202µm,0.4s			AML	AML		
FINB	comp=N,5845µm,0.5s			AML	AML			ERBM	comp=E,599µm,1.4s			AML	AML			CGRP	comp=E,190µm,0.7s			AML	AML		
FINB	comp=E,7430µm,0.4s			AML	AML			ERBM	comp=N,595µm,1.3s			AML	AML			CGRP	Cima Grappa	3.48	64	P	Pn	02 48 07.5	-0.2
ROTM	Rocchetta Tana	0.85	61	P	Pg	02 47 31.8	+1.2	VLC	Villacollemand	2.22	96	P	Pn	02 47 50.5	+0.2	KOSI	Kohlern	3.50	53	AML	AML		
ROTM	Rocchetta Tana	0.85	61	S	Sb	02 47 44.2	+0.9	VLC	VLC			AML	AML			KOSI	comp=N,142µm,1.0s			AML	AML		
ROTM	Rocchetta Tana	0.85	61	P	Pg	02 47 31.8	+1.2	VLC	comp=N,300µm,1.1s			AML	AML			FETA	Feichten	3.52	42	Pn	Pn	02 48 11.5	+3.3
ROTM	comp=N,47650µm,0.3s			AML	AML			VLC	comp=N,300µm,1.1s			AML	AML			FETA	comp=E,11nm,0.7s,SNR=23			i	Sn	02 48 51.3	+1.9
ROTM	comp=E,27100µm,0.3s			AML	AML			VLC	comp=N,300µm,1.1s			AML	AML			KIZ	Kirchzarten	3.54	7	Pn	Pn	02 48 08.4	+0.1
ROTM	comp=N,47650µm,0.3s			AML	AML			VLC	comp=E,425µm,1.3s			AML	AML			CAFI	Castiglion Fio	3.54	107	P	Pn	02 48 09.2	+0.8
ROTM	comp=N,47650µm,0.3s			AML	AML			VLC	comp=N,298µm,1.1s			AML	AML			CAFI	comp=N,47µm,0.7s			AML	AML		
PCP	Piancastagn	0.89	83	P	Pb	02 47 31.5	+0.4	FUSIO	Fusio	2.23	25	P	Pn	02 47 49.7	-0.7	HAU	Haudompre	3.63	350	eP	Pn	02 48 10.7	+1.2
PCP	Piancastagn	0.89	83	S	Sb	02 47 43.3	+0.6	FUSIO	FUSIO			AML	AML			HAU	comp=E,87nm,0.3s			eSg	Sg	02 48 49.1	-2.9
PCP	Piancastagn	0.89	83	P	Pb	02 47 31.5	+0.4	FUSIO	comp=N,171µm,0.3s			AML	AML			AVF	Avril sur Loir	3.64	312	eP	Pn	02 48 11.7	+2.0
PCP	Piancastagn	0.89	83	S	Sb	02 47 43.3	+0.6	FUSIO	comp=N,160µm,0.6s			AML	AML			AVF	comp=E,53nm,0.3s			eSg	Sb	02 48 48.0	-4.2
PCP	comp=E,8335µm,0.8s			AML	AML			CARD	Cardoso	2.31	99	eP	Pn	02 47 51.4	-0.1	LOR	Lormes	3.72	321	eP	Pn	02 48 12.8	+2.0
PCP	comp=N,8045µm,1.5s			AML	AML			CARD	comp=E,606µm,1.0s			AML	AML			LOR	comp=N,179µm,0.8s			eSg	Sb	02 48 51.0	-3.2
EILF	Villa Eilenroc	0.90	188	Pg	Pb	02 47 31.1	-0.2	CARD	comp=N,520µm,0.5s			AML	AML			LOR	comp=E,59nm,0.4s,baz=144			eSg	Sg	02 49 11.5	-1.9
EILF	Villa Eilenroc	0.90	188	Sg	Sb	02 47 42.5	-0.5	CABF	La Chapelle	2.33	339	ePn	Pn	02 47 51.2	-0.6	SSF	Saint Saulge	3.74	316	ePn	Pn	02 48 13.1	+2.1
IRFF	La Foret Royal	1.00	209	ePn	Pb	02 47 32.6	-0.4	CABF	La Chapelle	2.33	339	ePn	Pn	02 47 58.5	+2.7	SSF	comp=E,39nm,0.3s			eSg	Sg	02 49 12.0	-2.1
IRFF	La Foret Royal	1.00	209	ePn	Pb	02 47 32.6	-0.4	CABF	La Chapelle	2.33	339	ePn	Pn	02 47 58.5	+2.7	SSF	comp=E,59nm,0.4s			eSg	Sg	02 49 12.0	-2.1
FRF	La Foret Royal	1.00	209	eP	Pb	02 47 34.0	+1.0	CABF	La Chapelle	2.33	339	eSg	Sb	02 48 28.2	+3.8	ATMI	Monte Migliano	3.75	105	AML	AML		
FRF	La Foret Royal	1.00	209	eSg	Sb	02 47 45.2	-0.8	CABF	La Chapelle	2.33	339	eSg	Sb	02 48 28.2	+3.8	ATMI	comp=E,161µm,0.4s			AML	AML		
BLAF	les Blancs	1.04	242	Pg	Pn	02 47 34.0	+0.4	MAIM	Mastiano	2.35	102	P	Pn	02 47 51.9	0.0	SJAF	Saint Jean de	3.77	240	Pn	Pn	02 48 11.7	+0.2
BLAF	les Blancs	1.04	242	Pn	Pb	02 47 35.3	+1.4	MAIM	comp=E,404µm,0.7s			AML	AML			CAF	Calviac	3.77	279	eP	Pn	02 48 12.9	+1.3
TRAV	Traversella	1.11	16	P	Pn	02 47 33.0	-2.0	MAIM	comp=N,339µm,1.1s			AML	AML			CAF	comp=N,25nm,0.2s			eSg	Sb	02 49 11.9	+6.1
TRAV	Traversella</																						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Petropavlovsk, Whitehorse, Seymchan, Dease Lake, Inuvik, Yellowknife, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SOKA, OBKA, TEOL, BNI, OSSC, INTR, BR101, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLZ, WHZ, EIDS, ARMA, CAN, CTA, CTAO, TOO, PMG, PMG, PMG, etc.

15d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TESR, KOLS, CFR, ANTO, VRI, PLOA, TLB, TRPA, CHVC, CLL, DOPR, MLR, VOIR, PRU, VYHS, MODS, SRO, ISP, KHC, GERES, BZAS, CONA, HERR, MOA, VNS, ETS, SOKA, KBA, OBKA, RETA, MYKA, SOTA, ABTA, LIT, TORD, TOA1.

MAN 15 03:05:25.8, 9.899N:124.02E, h1km, mb4.5, ML3.4, MS3.2, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP.

MAN 15 03:19:44.8, 1.4, 10.13N:124.50E, h0km, mb4.1/6, mb1 4.3/6, mb1mx3.8/45, mbtmp4.2/6, Error ellipse: s-maj=71.0km s-min=18.8km az=65.0

MAN 15 03:19:47.2, 9.96N:124.01E, h0km, MS3.1, ISCJB 15 03:19:48.9, 0.6, 10.00N:0.03:124.00E:0.03, h24km, 6km, mb3.9/5, Error ellipse: s-maj=5.5km s-min=4.9km az=143.9

ISC 15 03:19:46.9, 1.5, 9.95N:0.03:124.02E:0.03, h8km, 10km, n24, r154/35, mb4.0/5, 1C-3D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

ISC 15 03:22:11.2, 1.3, 10.21N:124.75E, h0km, mb4.1/6, mb1 4.3/6, mb1mx3.8/52, mbtmp4.2/6, MS4.0/1, Ms1 4.0/1, ms1mx3.1/52, Error ellipse: s-maj=62.7km s-min=19.8km

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az=62.0
NEIC 15 03:22:11.2, 3.0, 10.28N:0.07:124.5E:0.1, h10km, 1km, mb4.4/15
MAN 15 03:22:12.2, 9.98N:124.10E, h1km, MS2.9
ISCJB 15 03:22:13.8, 0.6, 10.10N:0.03:124.21E:0.04, h29km, 5km, mb3.9/5, Error ellipse: s-maj=6.5km s-min=5.1km az=143.7
ISC 15 03:22:13.1, 1.2, 10.02N:0.04:124.16E:0.04, h13km, 8km, n46, r1975/50, mb4.1/9, 2C-1D, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

MAN 15 03:24:32.1, 9.999N:124.14E, h1km, mb3.8, ML2.6, MS2.1, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

MAN 15 03:26:31.7, 8.99N:127.83E, h7km, mb4.0, ML2.8, MS2.4, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

KRNET 15 03:27:18.6, 0.1, 42.39N:72.81E, h7km, mb1.6, 6C, Kyrgyzstan

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

NNC 15 03:27:24.4, 0.3, 42.64N:70.29E, h0km, mpv1.2, 17C-3D, Error ellipse: s-maj=2.9km s-min=1.5km az=108.0, Central Kazakhstan

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK08, KK03, KK02, KK01, KK31, KK01, KK04, KK09, KK05.

MAN 15 03:29:12.5, 9.87N:123.88E, h6km, mb4.4, ML3.2, MS3.0, 1C-2D, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

IDC 15 03:34:10.1, 4.0, 10.90N:126.57E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.4/50, mbtmp3.6/3, Error ellipse: s-maj=313.5km s-min=27.4km az=66.0

MAN 15 03:34:16.6, 9.84N:123.89E, h1km, mb4.4, ML3.3, MS3.1, ISCJB 15 03:34:17.0, 0.6, 9.86N:0.03:123.89E:0.04, h28km, 6km, Error ellipse: s-maj=6.2km s-min=5.5km az=3.3

ISC 15 03:34:17.0, 1.2, 9.84N:0.03:123.90E:0.04, h17km, 9km, n14, r1913/23, 2C-1D, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

IDC 15 03:35:01.9, 2.2, 10.31N:125.33E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/49, mbtmp4.0/5, ML4.6/1, MS4.1/1, Ms1 4.1/1, ms1mx3.3/48, Error ellipse: s-maj=166.2km s-min=20.0km az=68.0

MAN 15 03:35:03.9, 10.01N:124.19E, h2km, mb4.9, ML3.9, MS3.9, ISCJB 15 03:35:04.7, 0.5, 9.98N:0.03:124.19E:0.04, h10km, mb3.9/4, MS3.9/1, Error ellipse: s-maj=5.1km s-min=4.2km az=25.0

ISC 15 03:35:04.2, 0.7, 9.98N:0.03:124.21E:0.04, h10km, n16, r1919/24, mb4.0/4, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLP, MSNP, OCLP, GUIM, BUTP, RCP, BUKP, IPIL, KCP, OTRP, ARK, ARS, ARS, ARS, ARS.

MOS 15 03:35:40.0, 1.0, 44.57N:34.34E, h8km, mb3.6/1, Error ellipse: s-maj=6.4km s-min=5.7km az=6.2

ISCJB 15 03:35:41.7, 0.4, 44.59N:0.03:34.34E:0.02, h22km, 3km, mb3.1/3, Error ellipse: s-maj=5.4km s-min=2.8km az=1.4

IDC 15 03:35:41.2, 0.7, 44.55N:34.38E, h0km, mb3.1/3, mb1 3.4/10, mb1mx3.3/56, mbtmp3.4/10, ML3.3/7, Error ellipse: s-maj=9.8km s-min=8.0km az=44.0

SIGU 15 03:35:42.3, 0.1, 44.53N:34.35E, h7km, 1km, mb3.3/4

ISC 15 03:35:41.9, 0.8, 44.58N:0.04:34.34E:0.03, h15km, 5km, n83, r1970/106, mb3.2/3, 19C-13D, Crimea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALU, YAL, SIM, SIM, SIM, SIM.

15d 4h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, UCH Uchtor, ZALV Zalesovo Beam, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SVE Sverdlövsk, LBZ Lake Benmore, ARU Arti, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG, HYT Haines Junctio, KIZT Kizil, etc.

Technical information including coordinates (IDC 15 04:29:10.5), station names (Peninsula, Sulawesi), and a list of stations with their call signs and frequencies.

Table of astronomical observations for 15d 5h, listing stations like DDMF, LQP, SGSI, KKM, KMSI, MRSI, TMTI, NNTI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing stations like ASAR, Alice Springs, USRK, Ussuriysk Ar., etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 700, listing stations like GAR, Garm, CHGR, Chuyangarron, etc., with columns for station name, coordinates, and observation details.

IDC 15:05:14.47:9.0, 29.355:178.29W, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.9/40, mbtmp4.0/4, MS3.7/2, Ms1.3/7.2, ms1mx3.1/33, Error ellipse: s-maj=37.2km s-min=10.5km az=163.0

ISCJB 15:05:14.51:7.0, 29.45:178.4W:0.1, h35km, mb4.0/4, Error ellipse: s-maj=25.5km s-min=9.6km az=152.6

ISC 15:05:14.52:3.1, 29.25:178.3W:0.1, h35km, n13, az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC, listing various station codes and their associated data.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUIM Jordan, PALO Palo, BUTP Butuan, etc.

MAN 15 05:31:24.8, 9.57N, 123.68E, h0km, mb3.7, ML2.4, MS1.9, Negros. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

MAN 15 05:40:39.5, 9.92N, 124.09E, h3km, mb4.2, ML3.0, MS2.7, 2C-1D, Mindanao. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

JMA 15 05:42:02.7, 24.37N, 121.92E, h24km, 3km, M3.0. Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details.

Main table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ENA baz=271, EOS1 baz=50, TWC Suao, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EHY baz=212, NMLH Miao1, TWQ1 baz=276, etc.

IDC 15 05:46:23.7, 1.1, 10.08N, 124.25E, h0km, mb4.1/5, mb1.4/2.5, mb1mx3.7/57, mbtmp4.1/5, MS3.5/1, Ms1 3.5/1, ms1mx3.0/25, Error ellipse: s-maj=68.4km s-min=21.4km az=59.0.

MAN 15 05:48:24.4, 10.00N, 124.13E, h4km, mb3.3, ML2.0, MS1.3, ISCJB 15 05:48:25.0, 0.6, 10.04N, 0.03, 124.15E, 0.4, h24km, 5km, mb4.1/5, Error ellipse: s-maj=6.6km s-min=5.3km az=141.9.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Davao City, Guinayanagan, Don Marcelino, etc.

15d 05:47:13.3±0.5, 10°10'N:124°28'E, h0km, mb4.3/28, mb1 4.4/29, mb1mx4.3/57, mbtmp4.3/29, ML4.5/1, MS4.2/3, Ms1 4.2/3, ms1mx3.6/22, Error ellipse: s-maj=19.3km s-min=10.4km az=73.0

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Lapu-Lapu, Maasin, Ormoc, Sibulan, Palo, Butuan, Roxas, Pagadian, Musuan, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Davao City, Don Marcelino, Kota Kinabalu, Ternate, Marisa, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Nakornpanom, Tanjungpandan, Jajag, Banyuw, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Matsuhiro, Matsuhiro, Matsuhiro, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Warrungga Arr, Warrungga Arr, Warrungga Arr, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Gorkha, Koldanda, Dangsing, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Gorkha, Koldanda, Dangsing, etc.

15d 6h

Table of station data for the 15d 6h period, including station names, coordinates, and various parameters like SNR and time.

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Summary table for TXAR Lajitas Array, including coordinates, SNR, and time.

SOME 15 05:59:29.7, 42.60'N, 79.57'E, h15km
KRNET 15 05:59:29.1, 42.56'N, 79.67'E, h20km, mb2.6
NMC 15 05:59:29.2, 1.0, 42.58'N, 79.59'E, h0km, mb3.2, mpv3.0,
Error ellipse: s-maj=6.5km s-min=3.4km az=126.0

Main table of station data for the 2013 OCT period, including station names, coordinates, and various parameters like SNR and time.

704

Summary table for AAK Ala-Archa, including coordinates, SNR, and time.

ISCJB 15 06:03:13.0, 0.5, 19.52'S, 0.03, 69.29'W, 0.07, h120km, 5km,
mb3.4/1, Error ellipse: s-maj=11.5km s-min=4.6km
az=178.4
GUC 15 06:03:13.0, 0.7, 19.54'S, 69.27'W, h106km, 3km, ML3.4,
SJA 15 06:03:14.2, 0.8, 19.54'S, 69.35'W, h109km, 4km, ML3.5,
MW3.6
IDC 15 06:03:15.3, 1.2, 19.58'S, 68.96'W, h121km, 11km, mb3.5/3,
mb1 3.4/7, mb1mx3.3/26, mbmtpp3.8/7, MS3.0/1, Ms1 3.0/1,
ms1mx2.5/16, Error ellipse: s-maj=26.5km s-min=8.4km
az=99.0

Main table of station data for the 704 period, including station names, coordinates, and various parameters like SNR and time.

Summary table for MAN 15 06:09:36.9, 9.28'N, 124.31'E, h27km, mb3.8, ML2.6, MS2.1, Mindanao

Summary table for MAN 15 06:17:57.1, 9.91'N, 124.29'E, h1km, mb3.8, ML2.6, MS2.1, 2C, Mindanao

Summary table for NCEDC 15 06:23:14.1, 0.6, 37.89'N, 0.02, 122.23'W, 0.007, h7km, 3km, Md1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, SONM Songino Array, etc.

MAN 15 07:04:44.7, 10:04N, 124:15E, h1km, mb3.8, ML2.5, MS2.1, 1C-2D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ANF 15 07:07:05.3, 0.2, 36.13N, 118.06W, h2km, 1km, ML3.1/32, Error ellipse: s-maj=1.3km s-min=1.0km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CWC Cottonwood Cre, MPMC Manual Prospec, etc.

ISC 15 07:07:05.7, 1.1, 36.14N, 0.02, 118.07W, 0.02, h3km, 12km, n62, c083/86, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CWC Cottonwood Cre, MPMC Manual Prospec, etc.

ISC 15 07:16:20.6, 0.3, 9.71N, 0.03, 123.74E, 0.05, h10km, mb3.7/12, MS3.8/1, Error ellipse: s-maj=7.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.4, 0.5, 9.77N, 0.03, 123.70E, 0.06, h10km, n42, c1567/47, mb3.9/17, 1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IRM Iron Mountain, PNTR Pine Nut, 109C Camp Elliot, etc.

MAN 15 07:07:51.4, 10:56N, 123:98E, h65km, mb3.5, ML2.2, MS1.6, 1D, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 15 07:11:08.2, 9.95N, 124:15E, h0km, mb4.6, ML3.4, MS3.3, 6C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:20.6, 0.3, 9.71N, 0.03, 123.74E, 0.05, h10km, mb3.7/12, MS3.8/1, Error ellipse: s-maj=7.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.4, 0.5, 9.77N, 0.03, 123.70E, 0.06, h10km, n42, c1567/47, mb3.9/17, 1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:16:22.6, 1.1, 9.75N, 0.09, 123.63E, 0.09, h10km, 1km, mb4.3/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 15 07:19:16.0, 9.17N, 124:09E, h13km, mb4.4, ML3.3, MS3.0, IDC 15 07:19:27.3, 1.2, 9.68N, 124:61E, h0km, mb4.0/9, mb1.4/1.9, mb1mx3.8/4.7, mbtmp4.0/9, Error ellipse: s-maj=57.4km s-min=24.2km az=66.0

ISC 15 07:19:29.3, 0.5, 9.93N, 0:04, 124:09E, 0:04, h10km, mb3.9/9, Error ellipse: s-maj=6.2km s-min=5.3km az=162.3

ISC 15 07:19:29.9, 0.6, 9.92N, 0:03, 124:20E, 0:04, h10km, n24, c2939/27, mb4.0/9, 1C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 15 07:23:53.3, 10:00N, 124:15E, h6km, mb4.1, ML2.9, MS2.6, 3D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 15 07:21:14.1, 9.76N, 123:70E, h0km, mb3.7, ML2.4, MS1.9, 1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 15 07:23:53.3, 10:00N, 124:15E, h6km, mb4.1, ML2.9, MS2.6, 3D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

ISC 15 07:25:19.9, 0.3, 24:30N, 0:01, 121:83E, 0:01, h8km, 2km, mb3.1/3, MS4.0/1, Error ellipse: s-maj=2.5km s-min=1.8km az=33.1

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLP, RCP, KCP, DAV, LQP, KKM, TMT, KULM, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRVK, ARV, KIRV, etc. and various technical notes.

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

Technical notes and data for stations: IDC 15 08:33:23.21.2, 9.98N:124.42E, h0km, mb4.27, mb1 4.37, mb1mx3.8/5.1, mbtpr4.2/7, Error ellipse: s-maj=77.8km s-min=17.4km az=61.0

Technical notes and data for stations: comp=Z,1.5nm,0.7s; comp=Z,3.9nm,0.2s,baz=177,slow=4.9,SNR=6.1; comp=Z,2.5km az=163.3

Technical notes and data for stations: comp=Z,346nm,1.2s; comp=Z,2.9nm,19.6s; comp=Z,1.2nm,0.3s,baz=187,slow=15,SNR=4.4

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NJ2, NJ2, NJ2, NJ2, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like WMQ, ARMA, SKR, BOD, TARAWA, ARPS, CAN, HMDM, PETK, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like AAK, AML, EKSZ, ARSB, KURK, BTK, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like MZR, ABTO, MSEY, MAK, KIRV, GNI, RAYN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRTR, ANTO, CSS, FIA1, FINES, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA, BRG, ARSA, CLL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IMW, FXWY, MOOW, TPWA, REDW, SNOW, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Beattyville, Hurricane, Brywn College, etc.

Suspected Mining explosion, KRAR 15 08:40:31.0, 53.71N-88.02E, M2.2, 4C-2D, Industrial explosion (after The Earthquakes of Russia in 2012, Obninsk, GS RAS, Z24p + CD-ROM, 2014), Southwestern Siberia

BJI 15 08:42:47.7, 0.9, 78N, 123.85E, h13km, mb5.6/57, mB6=144, M55.5/49, M57.5/345, MAN 15 08:42:49.2, 9.83N, 123.69E, h3km, mb5.9, ML5.0, MS5.5, NEIC 15 08:42:49.6, 1.2, 9.79N, 106.123, 6.9E, 0.06, h16km, 2km, Mw6.0/252, Ms 2.0, 5.4/197, Mw5.5, Mmw5.7, Mw5.7(GCMT), Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mrr:1.93; Mθθ:0.43; Mφφ:-1.51; Mθ1:0.3; Mθ-0.71; Mφ0:0.70; Fault plane solution: M2:0.0300x10^17 Np1:0.20, 9.7000°, 655, 19000°, 783, 92000°. NP2:φ=211, 54000°, δ35, 27000°, λ88, 66000°. Principal axes: T 2.0704, P1g79, 0000°, Azm268, 0000°; N -0.0894, P1g5, 0000°, Azm24, 0000°; P -1.9809, -0.1g14, 0000°, Azm15, 0000°.

MOS 15 08:42:50.6, 0.8, 9.74N, 123.76E, h34km, mb6.0/105, MS5.1/15, Error ellipse: s-maj=8.0km s-min=4.3km az=112.2

GCMT 15 08:42:51.6, 0.1, 9.82N, 0.01, 123.79E, 0.01, h12km, MW5.7/154, Moment Tensor Solution. s94, c138; s154, c318; Duration: 187 Moment tensor: Scale 10^17 Nm; Mrr:3.54; Mθθ: -1.73; Mφφ: -1.81; 0.6; Mθ-2.19; Mθ+2.13; Mφ-0.32; Mφ+0.16; Best double couple: M4.34000x10^17 Np1:φ=242, 0000°, δ60, 00000°, λ109, 00000°. NP2:φ=27, 0000°, δ35, 00000°, λ60, 00000°. Principal axes: T 2.3630, P1g68, 0000°, Azm192, 0000°; N -0.0460, P1g17, 0000°, Azm52, 0000°; P -4.3170, P1g13, 0000°, Azm33, 0000°. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISCJB 15 08:42:51.8, 0.3, 9.78N, 0.01, 123.77E, 0.02, h44km, 2km, mb5.8/212, MS5.3/38, Error ellipse: s-maj=2.8km s-min=2.1km az=165.4

IDC 15 08:42:52.6, 2.5, 9.75N, 123.74E, h33km, 18km, mb5.3/49, mb1.5, 4/53, mb1mx5, 4/56, mbmp5, 5/53, ML4.5/3, MS5.2/7, ML5.2/7, ms1mx4, 5/47, Error ellipse: s-maj=10.5km s-min=6.9km az=66.0

KLM 15 08:42:52.0, 10.14N, 123.70E, h20km, mb5.7, DJA 15 08:42:56.1, 0.3, 10.14N, 123.74E, h60km, 3km, M6.0/109, mb5.8/109, mb6.3/25, ML6.3/2, Mhwj6.0/75, Mwp6.5/52

ISC 15 08:42:51.2, 0.4, 9.75N, 0.02, 123.74E, 0.02, h26km, 2km, h26km; pP, N1797, φ139/1808, mb5.9/314, MS5.4/103

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like Lapu-Lapu, Sibulan, Maasin, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like NACB, BNSI, KBKI, etc.

715

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BBOO Buckleboo, ZEA Zeya, NGP Nagpur, etc.

2013 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSH KSH, NIL Nilore, YAK Yakutsk, etc.

15d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like JBG Jabagj, TAU Tasmania Univ, KK31 Karatay Array, etc.

TXAR	comp=Z, 1.2nm, 1.0s, baz=280, slow=6.3, SNR=2.4	PKKPbc	09 11 47.5	-1.9
TXAR	comp=Z, 2.7nm, 1.0s, baz=142, slow=6.8, SNR=6.9	PKKPbc	09 01 40.6	+0.1
F49A	Lajitas Array	120.04	48	PKPdf
	Sand	120.08	21	PKPdf
K43A	Burlington	120.14	27	PKPdf
	baz=323			
K43A	Burlington	120.14	27	IAMS_20
	baz=323, SNR=7.1			09 58 55.4
D52A	ZEK Kipawa Sen	120.17	17	PKPdf
	baz=335, SNR=7.0			09 01 39.4
WMOK	Wichita Mounta	120.19	40	PKPdf
	baz=310, SNR=7.7			09 01 40.0
E51A	G1948 Merrick	120.24	18	PKPdf
	baz=333, SNR=11			09 01 39.6
D53A	Lac Vachiv, Po	120.28	17	PKPdf
	baz=335, SNR=9.0			09 01 39.5
H47A	Milo	120.29	23	PKPdf
	baz=328			09 01 39.9
H46A	Reed City	120.35	24	PKPdf
	baz=326			09 01 39.8
D54A	Lac Fusel, La	120.51	16	PKPdf
	baz=337, SNR=6.0			09 01 39.6
H48A	Harrisville	120.54	22	PKPdf
	baz=329			09 01 40.2
F51A	Arnstein	120.65	19	PKPdf
	baz=333, SNR=7.4			09 01 40.3
H47A	Gladwin	120.66	23	PKPdf
	baz=327			09 01 40.5
I47A	Gladwin	120.66	23	IAMS_20
	comp=Z, 1.0um, 20.0s			09 53 12.6
E52A	Mattawa	120.72	18	PKPdf
	baz=334, SNR=6.7			09 01 40.3
TOBO	Tobermory, Bru	120.73	21	PKPdf
	baz=331			09 01 40.7
J46A	Howard City	120.77	25	PKPdf
	baz=326			09 01 40.9
H48A	Sherman Twp	120.83	23	PKPdf
	baz=328			09 01 41.1
E53A	Dumoine, Ponti	120.93	17	PKPdf
	baz=335, SNR=11			09 01 40.8
D55A	Sainte-Anne-du	120.94	15	PKPdf
	baz=338, SNR=5.1			09 01 41.1
ABTX	Ahline, Hawle	120.95	43	PKPdf
	baz=308			09 01 41.9
F52A	Sundridge	120.95	19	PKPdf
	baz=333, SNR=8.4			09 01 41.0
E54A	Lac Daplat, P	121.02	17	PKPdf
	baz=336, SNR=7.3			09 01 40.6
KLBO	Killbear Provi	121.06	20	PKPdf
	baz=332			09 01 41.1
D56A	ZEC Mazanza, M	121.10	15	PKPdf
	baz=339, SNR=6.0			09 01 41.6
J47A	Sumner	121.19	24	PKPdf
	baz=327, SNR=6.2			09 01 41.9
ALGO	Algonquin Park	121.20	18	PKPdf
	baz=335, SNR=5.8			09 01 41.4
BUKO	Buck Lake	121.24	19	PKPdf
	baz=333, SNR=6.5			09 01 41.5
LATQ	La Tuque	121.25	13	PKPdf
	baz=341, SNR=18			09 01 41.5
LATQ	La Tuque	121.25	13	PKPdf
	baz=326			09 01 41.8
K46A	Dorr	121.25	25	PKPdf
	baz=326			09 01 41.4
TUL1	Leonard	121.26	37	PKPdf
	baz=313			09 01 41.9
E55A	Montcef-Lytto	121.31	16	PKPdf
	baz=337			09 01 41.4
M44A	Midewin, Midew	121.31	28	PKPdf
	baz=323			09 01 42.0
H49A	Point Hope	121.37	22	PKPdf
	baz=329			09 01 41.9
HDIL	Hopedale	121.38	29	PKPdf
	baz=321, SNR=6.2			09 01 41.5
BMRO	Mervil Lake	121.39	21	PKPdf
	baz=331			09 01 42.2
E56A	St. Veronique	121.50	15	PKPdf
	baz=338, SNR=6.9			09 01 41.8
D58A	Chemin du LacG	121.50	13	PKPdf
	baz=341, SNR=12			09 01 42.1
J48A	Brige Park	121.55	23	PKPdf
	baz=328, SNR=9.1			09 01 42.4
L46A	Eue Claire	121.59	26	PKPdf
	baz=325			09 01 42.3
L46A	Eue Claire	121.59	26	IAMS_20
	comp=Z, 964nm, 20.0s			09 56 25.6
K47A	Vermontville	121.59	25	PKPdf
	baz=326, SNR=8.9			09 01 42.3
PEMO	Pembroke	121.69	17	PKPdf
	baz=336, SNR=11			09 01 42.5
G54A	Lake Saint Pet	121.69	18	PKPdf
	baz=335, SNR=7.9			09 01 42.6
BASO	Ashfield	121.73	21	PKPdf
	baz=330			09 01 43.1
J99A	Marlette	121.75	23	PKPdf
	baz=328			09 01 42.6
G53A	Haliburton	121.78	18	PKPdf
	baz=334, SNR=11			09 01 42.7
H52A	Wyeval	121.80	20	PKPdf
	baz=332			09 01 42.7
CLWO	Collingwood	121.83	20	PKPdf
	baz=332, SNR=16			09 01 42.9
K48A	Perry	121.84	24	PKPdf
	baz=327, SNR=5.2			09 01 42.8
D61A	St Aubert, Com	121.96	11	PKPdf
	baz=344, SNR=6.4			09 01 43.1
P43A	Skaggs, Pawnee	121.98	30	PKPdf
	baz=321, SNR=7.6			09 01 43.4
BANO	Bancroft	122.08	18	PKPdf
	baz=335, SNR=9.3			09 01 43.6
O44A	Mansfield	122.09	29	PKPdf
	baz=322			09 01 43.2
E58A	La Victoria	122.09	14	PKPdf
	baz=340, SNR=9.4			09 01 43.3
D60A	Saint Jean D'O	122.09	12	PKPdf
	baz=341			09 01 43.1
K49A	Clarkson	122.12	23	PKPdf
	baz=328			09 01 43.2
JCT	Junction City	122.14	45	PKPdf
	baz=307			09 01 44.1
I51A	Listowel	122.14	21	PKPdf
	baz=331, SNR=6.1			09 01 43.8
G55A	Calabogie	122.23	17	PKPdf
	baz=336, SNR=7.8			09 01 43.0
F57A	Harrington	122.27	15	PKPdf
	baz=338			09 01 43.5
H53A	Bobcaygeon	122.28	19	PKPdf
	baz=334, SNR=6.1			09 01 43.6
CCM	Cathedral Cave	122.30	32	PKPdf
	baz=318			09 01 43.8
CCM	Cathedral Cave	122.30	32	PKIKP
	comp=Z, 1.0um, 21.0s			09 54 07.5
CCM	Cathedral Cave	122.30	32	PKIKP
	comp=Z, 1.0um, 21.0s			09 54 07.5
PLVO	Plevna	122.32	17	PKPdf
	baz=336, SNR=10			09 01 43.7
ORIO	Orleans, Innes	122.38	16	PKPdf
	baz=338, SNR=9.8			09 01 43.6
SLM	Saint Louis	122.39	31	IAMS_20
	comp=Z, 801nm, 21.0s			09 54 07.5
ALFO	Alfred	122.39	15	PKPdf
	baz=338, SNR=10.0			09 01 43.9
M47A	Cromwell	122.41	26	PKPdf
	baz=325			09 01 43.9
L48A	N Adams	122.43	25	PKPdf
	baz=327, SNR=18			09 01 44.1
F58A	St-Lin Laurent	122.44	14	PKPdf
	baz=340			09 01 43.9
K50A	Casco	122.44	23	IAMS_20
	comp=Z, 930nm, 22.0s			09 53 57.7
D63A	Stockholm	122.49	10	PKPdf
	baz=346			09 01 44.0
E60A	Ste Agathe de	122.50	12	PKPdf
	baz=342, SNR=5.4			09 01 44.0
SFIN	Lafayette	122.55	28	PKPdf
	baz=323, SNR=5.4			09 01 44.3
L49A	Milan	122.56	24	PKPdf
	baz=327, SNR=5.4			09 01 44.2
I53A	Kortright Cn E	122.62	20	PKPdf
	baz=332			09 01 44.5
DELO	Deloro Mine	122.63	18	PKPdf
	baz=335, SNR=5.1			09 01 44.2
E61A	Lac Etchemin	122.64	12	PKPdf
	baz=343, SNR=32			09 01 44.7
ACTO	Acton	122.65	20	PKPdf
	baz=332, SNR=6.9			09 01 44.4
U40A	Yellville	122.66	35	PKPdf
	baz=332			09 01 44.4

M48A	Edgerton	122.69	25	PKPdf	
	baz=316, SNR=29			09 01 44.5	
F59A	Saint Guillaume	122.70	14	PKPdf	
	baz=326			09 01 44.6	
H55A	Tweed	122.73	18	PKPdf	
	baz=335, SNR=7.1			09 01 44.4	
N47A	Urbana	122.77	26	PKPdf	
	baz=339, SNR=5.9			09 01 44.4	
F60A	Warwick	122.78	13	PKPdf	
	baz=342, SNR=14			09 01 44.6	
WHXT	Lake Whitney,	122.79	42	PKPdf	
	baz=310			09 01 45.5	
J52A	Par	122.83	21	PKPdf	
	baz=331			09 01 44.9	
G57A	Newington	122.85	16	PKPdf	
	baz=338, SNR=9.3			09 01 44.7	
DRWO	Darlington Wes	122.86	19	PKPdf	
	baz=334, SNR=7.7			09 01 45.2	
I55A	Frankford	122.88	18	PKPdf	
	baz=335			09 01 44.7	
PMPST	Porto Santo, M	122.91	320	ePP	
	K51A	Iona Station	122.91	22	PKPdf
	baz=330			09 03 28.7 +5.0	
W39A	Magazine	122.94	36	PKPdf	
	baz=314, SNR=7.8			09 01 45.1	
H56A	Elgin	122.96	17	PKPdf	
	baz=336, SNR=5.8			09 01 44.6	
F61A	St Evariste	122.98	12	PKPdf	
	baz=343, SNR=12			09 01 45.5	
L50A	Kingsville	123.00	23	PKPdf	
	baz=341			09 01 44.7	
M49A	Liberty Center	123.01	25	PKPdf	
	baz=327			09 01 45.1	
E63A	Oxbow	123.03	10	PKPdf	
	baz=334, SNR=11			09 01 45.0	
G58A	Ormsdown	123.05	15	PKPdf	
	baz=339, SNR=5.1			09 01 44.9	
N48A	Decatur	123.08	26	PKPdf	
	baz=326, SNR=8.8			09 01 44.9	
P46A	Road	123.11	28	PKPdf	
	baz=323, SNR=9.5			09 01 45.4	
E64A	Bridgewater	123.14	10	PKPdf	
	baz=346, SNR=12			09 01 45.5	
K52A	Tilsonburg	123.15	21	PKPdf	
	baz=331			09 01 45.2	
TYNO	Tyneside	123.17	21	PKPdf	
	baz=332, SNR=6.2			09 01 45.3	
STCO	Saint Catharin	123.21	20	PKPdf	
	baz=334, SNR=6.2			09 01 45.6	
G59A	Clarenceville	123.33	14	PKPdf	
	baz=340, SNR=6.3			09 01 45.5	
H57A	Richville	123.33	16	PKPdf	
	baz=337, SNR=9.3			09 01 45.8	
PECO	Prince Edward	123.35	18	PKPdf	
	baz=335, SNR=8.3			09 01 45.7	
PECO	Prince Edward	123.35	18	IAMS_20	
	comp=Z, 800nm, 19.0s			09 58 50.2	
N49A	Colonus Grove	123.38	25	PKPdf	
	baz=327, SNR=7.7			09 01 45.9	
LONY	Lake Ozonia	123.40	16	PKPdf	
	baz=338, SNR				

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Q53A Leroy, KIC Kusan Boka, N58A Sumbaco, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CBN Corbin Frederi, T56A Rocky Mt, R58B Mineral, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 157A Early Branch, Y60A Bolivia, 455A Stateville, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like Villa Florida, Montagnes des, MDP, LPZ, LPAZ, etc.

ISCJB 15 08:46:41.9, 0.3, 31.26N, 0.04, 130.43E, 0.06, h161km, 2km, mb3.89, Error ellipse: s-maj=9.6km s-min=5.9km az=28.0

NEIC 15 08:46:43.3, 0.7, 31.25N, 0.06, 130.5E, 0.1, h164km, 7km, mb4.47

JMA 15 08:46:44.1, 0.1, 31.26N, 130.44E, h149km, 1km, M3.7

IDC 15 08:46:45.5, 4.6, 31.52N, 130.36E, h169km, 2km, mb3.79, mb1 3.8/9, mb1mx3.6/1, mbtmp4.2/9, MS4.6/1, Ms1 4.6/1, ms1mx3.6/50, Error ellipse: s-maj=63.9km s-min=28.0km az=175.0

ISC 15 08:46:42.8, 0.6, 31.26N, 0.05, 130.45E, 0.06, h157km, 5km, n42, c075/50, mb4.0, 1, 6C-1D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like Suzuyama, Tashiro 2, Shimokoshiki, etc.

DJA 15 08:52:09.6, 0.5, 11°N, 5°12'W, h10km, M5.8/57, mb6.1/12, mb5.4/57, MLv6.0, Mw(mb)5.8/12

IDC 15 08:52:16.3, 0.3, 9.89N, 124.07E, h0km, mb5.0/53, mb1 5.0/54, mb1mx5.0/61, mbtmp5.0/54, ML4.3/1, MS4.8/1, Ms1 4.8/1, ms1mx3.7/49, Error ellipse: s-maj=12.4km s-min=8.0km az=72.0

BUI 15 08:52:17.5, 0.0, 9.94N, 124.13E, h17km, mb5.2/60, mb5.7/21, Ms5.2/26, Ms7 5.0/25

MAN 15 08:52:18.3, 9.91N, 124.01E, h5km, mb5.7, ML4.7, MS5.1

NEIC 15 08:52:18.1, 1.4, 9.92N, 0.06, 124.04E, 0.06, h10km, 1km, mb5.3/137

ISCJB 15 08:52:20.9, 0.3, 9.93N, 0.02, 124.09E, 0.02, h43km, 3km, mb5.3/167, Error ellipse: s-maj=3.4km s-min=2.6km az=174.1

GCMT 15 08:52:20.1, 0.2, 9.90N, 0.02, 124.12E, 0.03, h18km, 1km, MW5.2/97, Moment Tensor Solution, s, 3, 3; s97, c164; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mn: 0.94e+08; M0: 0.48e+04; M0: 0.45e+05; M0: 0.03e+08; M0: 0.42e+02; M0: 0.04e+10; Best double couple; Mo: 0.91700x10^17 Np1: 0.223000000, 0.84500000, 7.86000000. NP2: 0.49, 0.00000, 0.84500000, 1.94000000. Principal axes: T 0.940, P 0.870, N 0.480; Azm48.0000; N -0.0480, P 0.3000; Azm226.0000; P -0.8940, P 0.0000; Azm316.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. MOS 15 08:52:21.1, 0.8, 9.88N, 124.05E, h49km, mb5.5/75 Error ellipse: s-maj=10.9km s-min=5.4km az=109.4

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like Lapu-Lapu, Masin, Sibuan, Ormoc, Palo, Jordan, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like Jayapura, Jayapura, JAGI, etc.

Table with columns: BILL, DQM, HQ, HOQ, BSY, GEYT, ARQ, AB31, ABKAR, MDH, BANOM, UOSS, MSFE, SHME, HATD, UMQ, NAZ, SHAO, ASUD, AKTO, DMTO, SVE, RBK, LBZ, ARU, WHFO, MZR, ABTO, BKZ, KIRV, GROG, TBLG, GNI, GNI, GNI, GNI, RAYN, RAYN, RAYN, RAYN, AKH, AKH, GOF, KBZ, KVAR, KISLOV, KIV, KIV, KIV

Table with columns: KIV, VRH, DAMY, IMAR, KDKAK, KDKAK, BPAW, VORD, MLY, SOC, VSR, LPSR, TOLK, MOS, MOS, PMR, SML, POKR, OBN, OBN, OBN, ANN, ANN, ANN, SCM, HDA, ILAR, ABPO, ABPO, ABPO, RIDG, MENT, ASF, ASF, JOF, JOF, MSF, BCAR, WALJ, BARN, MMAI, HSNJ, LISJ, ARCES, AREO, ILGA, SPAO, BR131, BR131, BR131, BRTR, BRTR, AQB, EIL, OUL, ANTO, ANTO, ANTO, ANTO, ANTO, BR231, BR231, EPYK, EPYK, EPYK, SUF, SUF, FIAI, FINES, FINES, VSU, AKAS, AKAS, AKAS, MNK, KIBK, ISP, ISP, KMBQ, KMBQ, KMBQ, KMBQ, KMBQ, KMBQ

Table with columns: KMBO, KMBO, VRI, VRI, LODK, MAW, MAW, MAW, MAW, MAW, MAW, BURAR, BURAR, BURAR, BURAR, DAG, DAG, DAG, HFS, OJC, OJC, OJC, PAIG, PAIG, PAIG, KNT, KNT, NB2, NB2, NOA, NOA, RES, RES, RES, RES, LIT, LIT, LIT, DPC, ITM, VRAC, VRAC, VRAC, KRUC, KRUC, KRUC, CONA, BRG, BRG, BRG, YKA, ARSA, ARSA, CLL, CLL, CLL, CLL, SOKA, KHC, KHC, GEC2, GEC2, GEC2, GERES, GERES, GERES, GERES, GERES, MOA, MOA, OBKA, WET, WET, WET, KBA, SUMG, SUMG, SUMG, ABTA, SYO, NLWA, D03D, RETA, B05A, DAVOX, I03D, I03D, PINE, J05D, J05D, NEW, EKA, KEST, NVAR, NVAR, NVAR, MPMC, ESDC, MNTX, CHGO, TOA0, TORD, TORD, TORD, TORD, E47A, JFW5, L40A, E48A

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like D50A, D51A, G47A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like J59A, K57A, WCI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like T54A, W51A, V52A, etc.

MAN 15 08:55:08.5, 9.92N, 124.13E, h4km, mb3.7, ML2.4, MS1.8, 2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like LLLP, MSLLP, etc.

ISCJBJ 15 09:00:09.5, 0.6, 9.93N, 124.13E, h10km, mb3.6/4, Error ellipse: s-maj=7.9km s-min=5.9km az=6.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like LLLP, MSLLP, etc.

NCEDJ 15 09:06:19.6, 1.6, 37.88N, 122.22W, h7km, 93km, Md2.7

NEIC 15 09:06:19.6, 1.6, 37.88N, 122.22W, h10km, 1km, Central California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station ID, and other parameters. Includes stations like BL88, BL67, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like NTYM Taylor, JPC Peters Creek, NPRM Point Reyes, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like ANWB Morne-Daniel, MDN Scott's Head, DSHT Scott's Head, etc.

ADC 15 09:14:52.1±0.6, 12.07N; 141.82E, h0km, mb4.0/14, mb1 4.3/15, mb1mx0.0/49, mbtmp4.1/15, ML5.0/1, Error ellipse: s-maj=21.9km s-min=14.4km az=90.0 NEIC 15 09:14:55.1±1.8, 12.06N; 0.09:141.79E:0.10, h24km, 2km, mb4.6/19

ISCJBJ 15 09:14:56.2±0.3, 12.04N; 0.05:141.96E:0.05, h50km, mb4.1/18, Error ellipse: s-maj=8.5km s-min=4.8km

ISC 15 09:14:58.2±0.5, 12.05N; 0.07:141.89E:0.07, h50km, n60, s1949/55, mb4.1/26, South of Mariana Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like GUMO Guam, LUWI Luwuk, H11S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like BL88 Building 88, L, VAK Adit at Lawren, BL67 Building 67, L, etc.

TRN 15 09:10:25.7, 16.66N; 61.00W, h39km, MD3.5, Leeward Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like DEG La Desirade, MAGL Barre de l'île, CBEF Ft. Capester, etc.

NCEDC 15 09:15:12.1±1.1, 37.89N; 0.01:122.23W:0.01, h7km, 2km, Md2.6

NEIC 15 09:15:12.2±1.1, 37.886N; 0.008:122.25W:0.01, h15km±1km, Central California

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKRB Yellowknife Ar, ARAD ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKRB Yellowknife Ar, ARAD ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBO, Bosley Butte, Podgornoye, Uzunbulak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like mb4.7/54, BUI, ISCBJ, MOS, MAN, etc.

Table with columns: MANU, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TAJON, KOREA, FITZ, etc.

IDC 15 09:18:18.5:0.9:84N:124.03E, h0km, mb4.3/25, mb1.4/4/25, mb1mx4.3/46, mbmp4.3/25, MS3.9/1, Ms1.3.9/1, ms1mx3.1/53, Error ellipse: s-maj=19.7km s-min=11.3km az=72.0

NEIC 15 09:18:19.2:2.9:80N:07:124.05E:0:07, h13km, 3km, MANU Manus Island 26.02 116 P P 09 23 50.1 -3.3

NIL Niore 52.25 305 P pmax P 09 27 31.5 +0.1

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KKR Karatay Array, BVAO Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KCP Kidapawan, KKP KCP.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

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

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

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

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

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

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

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

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

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

MAN 15 10:11:19.3, 9.92N, 123.18E, h10km, mb4.5, ML3.3, MS3.1
IDC 15 10:11:22.0, 9.8, 9.77N, 123.08E, h10km, mb4.0/9
mb1 4.2/11, mb1mx3.9/50, mb2p4.1/11, ML4.3/2, MS3.8/2,
s-min=3.8, ms1mx3.0/40, Error ellipse: s-maj=37.0km

ISCBJ 15 10:11:24.1, 0.8, 9.79N, 0.03, 124.02E, 0.04, h29km, 5km,
mb3.9/8, MS4.2/1, Error ellipse: s-maj=6.6km s-min=5.4km
az=6.4

NEIC 15 10:11:24.6, 1.7, 9.79N, 0.09, 124.13E, 0.07, h20km, 4km,
mb4.5/16

IS 15 10:11:23.4, 1.3, 9.76N, 0.03, 123.96E, 0.04, h10km, gkm,
n52, +19.13/56, mb4.2/17, 2C, Negros

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Nancy, Laurel Mtn Rad, W54A Cherokee Point, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BCAR Beaver Creek A, EGAK Eagle, INK Inuvik, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLLP Lapu-Lapu, MSLP Maasin, MSPL Sibulan, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLLP Lapu-Lapu, MSLP Maasin, MSPL Sibulan, etc.

SOME 15:10:29:36.2, 44.600N:82.43E, h25km
NMC 15:10:29:38.8, 1.4, 44.67N:82.10E, h0km, mb3.2, mpv3.1, Error ellipse: s-maj=13.8km s-min=6.4km az=130.0

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLLP Lapu-Lapu, MSLP Maasin, MSPL Sibulan, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ERM Erimo, ASAJ Asahikawa, MAJO Matsushiro, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RES Resolute Bay, KKAR Karatay Array, ABKAR Abkukul Array, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLLP Lapu-Lapu, MSLP Maasin, MSPL Sibulan, etc.

GUC 15:10:39:23.4, 0.6, 37.24S:74.22W, h21km, 4km, ML3.9
IDC 15:10:39:26.1, 1.4, 37.10S:73.77W, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.6/2.1, mbtmp3.5/6, ML3.1/1, Error ellipse: s-maj=43.6km s-min=19.0km az=75.0

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CCSP San Pedro de C, COCH Cobquecura, COCH Cobquecura, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLLP Lapu-Lapu, MSLP Maasin, MSPL Sibulan, etc.

NEIC 15:10:47:44.2, 2.3, 9.69N:0.09x123.84E:0.07, h10km, 1km, mb4.5/29

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SNPH Sibulan, LLLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res, ISC. Includes stations like Baumata, Jayapura, Kulim, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res, ISC. Includes stations like Lapu-Lapu, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res, ISC. Includes stations like Sibulan, Maasin, Ormoc, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res, ISC. Includes stations like Warramunga Arr, Lanzhou, etc.

Table with columns: BRTR, Keskin Array B, 83.92 309, P, P, 11 02 21.4 -2.0, etc.

Table with columns: DAV, 49nm,0.3s,baz=102,slow=20,SNR=2.6, LR, LR, 11 17 09.8, etc.

Table with columns: JUNU, Nakatsue, 10.90 195, P, P, 11 35 44.2 +1.0, etc.

WEL 15 10:53:21.6:2.1,34'S:39'17.9W:4'6,h312km,50km,

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

MAN 15 11:25:42.3,9.88N:124.02E,h7km,mb4.2,ML3.1,MS2.8,

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

MAN 15 11:49:21.0,9.97N:124.22E,h4km,mb3.6,ML2.3,MS1.7,

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

MAN 15 10:57:29.7,9.88N:124.14E,h1km,mb3.5,ML2.2,MS1.7,

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

MAN 15 11:26:14.8,9.37N:124.39E,h133km,mb4.2,ML3.0,

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

ISCJB 15 11:57:13.9:5.51'42N:0'06:177.77W:0'04,h56km,3km,

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

MAN 15 11:06:43.6,9.73N:124.08E,h1km,mb3.5,ML2.2,MS1.7,

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

MAN 15 11:27:35.2:2.8,22'40N:12'12W,h0km,mb1.3,4/2,

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

AEIC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

MAN 15 11:07:55.7,9.86N:124.06E,h1km,mb4.6,ML3.5,MS3.3,

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

MAN 15 11:30:21.6,10.09N:124.23E,h19km,mb3.2,ML1.9,

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

NEIC 15 11:57:14.1:1.6,51'34N:0'06:177.75W:0'09,h43km,7km

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

MAN 15 11:08:53.9,9.67N:123.90E,h0km,mb4.0,ML2.8,MS2.4,

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

MAN 15 11:30:59.0,9.07N:124.99E,h0km,mb3.3,ML1.9,MS1.2,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

MAN 15 11:14:48.3,10.00N:124.19E,h1km,mb4.4,ML3.2,MS3.0

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

ISCJB 15 11:33:15.0:0.4,43'74N:0'05:134'29E:0'07,h450km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

MAN 15 11:15:00.7:2.5,9.69N:124.04E,h106km,22km,mb3.3/3.6,

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

ISC 15 11:33:15.0:0.4,43'74N:0'05:134'29E:0'07,h450km,n31,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

ISC 15 11:57:13.8:5.51'27N:0'07:177.68W:0'06,h24km,5km,

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

15d 12h

Table of station data for 15d 12h, including station names like Beaver Creek A, INK, KLR, H1N12, H1N13, H1N11, USRK, YKA, H1S1, H1S2, H1S3, H08A, H04A, C09A, NEW, MOD, BM1, PAHR, PNTR, HRY, BMT, MCMT, KVN, NVAR, NVAR, ELK, YHL, YHB, YHH, RLMT, R11A, TPNV, ANA2, LAO, PD31, PDAR, PDAR, MSU, LCMT, P17A, Q16A, SONM, SRU, O20A, PV09, PV22, PV03, PV13, WUAZ, PV01, SMCO, SDCO, T25A, ZALV, E43A, TX31, TX32, TXAR, TXAR, TXAR, ARCES, ARCES, AREO, HHAR, HHAR, KURK, KURK, KURB, KURB, U40A, W39A, FCAR, MIAR, MKAR, MKAR, BVAR, BVAR, L56A, Z50A, V53A, FINES, BG3, KM50, LSA, AKTO, ABKAR, ABKAR, ABKAR, KKR, KKR, SHL, 656A, CMAR, TAPN, JIRN.

2013 OCT

Table of station data for 2013 OCT, including station names like RAMN, KKN, PKI, GKN, DMN, GYNT, BURAR, BRTR, ASAR, TORO, DBIC, MAW, BOSA.

MAN 15 12:00:52.6, 9.97N x 124°15'E, h1km, mb3.5, ML2.1, MS1.5, 1D, Mindanao

Table of station data for MAN 15 12:00:52.6, 9.97N x 124°15'E, h1km, mb3.5, ML2.1, MS1.5, 1D, Mindanao.

MAN 15 12:03:22.9, 9.94N x 124°11'E, h1km, mb3.7, ML2.5, MS2.0, Mindanao

Table of station data for MAN 15 12:03:22.9, 9.94N x 124°11'E, h1km, mb3.7, ML2.5, MS2.0, Mindanao.

NNC 15 12:05:58.0, 1.0, 42.73N x 79°05'E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=9.7km s-min=4.9km az=135.0

SOME 15 12:05:59.5, 42.78N, 78.93E, h15km, KRNET 15 12:06:00.7, 1.0, 42.70N x 78.86E, h14km, mb1.1

ISC 15 12:05:58.6, 1.5, 42.75N x 066°78'39E, 0.05, h11km, 12km, n14, c670/27, 13C, 2D, Lakel, Issyk-Kul region

Table of station data for various events including NNC, SOME, and ISC.

JMA 15 12:10:09.0, 32.58N x 144°65'E, h43km, M3.7, Off east coast of Honshu

Table of station data for JMA 15 12:10:09.0, 32.58N x 144°65'E, h43km, M3.7, Off east coast of Honshu.

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MAN 15 12:13:02.7, 9.85N x 124°29'E, h0km, mb3.6, ML2.3, MS1.7, 1C-1D, Mindanao

Table of station data for MAN 15 12:13:02.7, 9.85N x 124°29'E, h0km, mb3.6, ML2.3, MS1.7, 1C-1D, Mindanao.

MAN 15 12:14:12.6, 9.84N x 123°92'E, h2km, mb3.8, ML2.5, MS2.0, 1C-1D, Negros

Table of station data for MAN 15 12:14:12.6, 9.84N x 123°92'E, h2km, mb3.8, ML2.5, MS2.0, 1C-1D, Negros.

IDC 15 12:20:02.4, 1.1, 8.29N x 124°74'E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.6/49, mbmtpr3.8/5, MS3.4/2, ms1mx2.7/44, Error ellipse: s-maj=70.7km s-min=19.8km az=78.0

MAN 15 12:20:29.1, 10.26N x 122°61'E, h263km, mb3.9, ML2.6, MS2.1

ISC 15 12:20:01.6, 1.2, 8.93N x 08°125.8E, 0.1, h10km, n14, c181/10, mb3.9/5, 1C-1D, Mindanao

Table of station data for IDC, MAN, and ISC events.

MAN 15 12:23:12.4, 10.00N x 124°16'E, h3km, mb3.5, ML2.2, MS1.6, 1D, Leyte

Table of station data for MAN 15 12:23:12.4, 10.00N x 124°16'E, h3km, mb3.5, ML2.2, MS1.6, 1D, Leyte.

IDC 15 12:23:16.1, 1.8, 27.60N x 104°88'E, h0km, mb3.4/3, mb1.3/5.3, mb1mx3.2/59, mbmtpr3.4/3, Error ellipse: s-maj=578.1km s-min=27.2km az=55.0, Yunnan

Table of station data for IDC 15 12:23:16.1, 1.8, 27.60N x 104°88'E, h0km, mb3.4/3, mb1.3/5.3, mb1mx3.2/59, mbmtpr3.4/3, Error ellipse: s-maj=578.1km s-min=27.2km az=55.0, Yunnan.

ISC/JB 15 12:23:42.7, 0.4, 6.85N x 0°03'73.11W, 0.03, h159km, 4km, mb3.3/3, Error ellipse: s-maj=5.5km s-min=4.2km az=36.5

IDC 15 12:23:43.2, 0.7, 6.74N, 72°96W, h163km, 9km, mb3.2/4, mb1.3/6.7, mb1mx3.2/34, mbmtpr3.9/7, Error ellipse: s-maj=25.0km s-min=7.4km az=134.0

RSNC 15 12:23:44.5, 1.0, 6.80N x 73°15W, h150km, 4km, ML3.6, M3.6

Table of station data for ISC/JB, IDC, and RSNC events.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KMBO Kilima Mbogo, SEPA Seymchan, QSPA South Pole Qui, etc.

152A Waverly Hill 150.933 P PKPbc 13 10 06.8 -0.1
152B GOGA Godfrey 151.073 P PKPbc 13 10 07.4 +0.2
152C GOGA GOGA 151.073 P PKPbc 13 10 14.6 -0.1

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KHNJ Kahnjoji, NIAN Nian, NGRK Negar Kerman, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MDH Madha, IBAF Bafgh, UOSS Minarif, etc.

BUI 15 12:57:05.6i,0.4:3:52N:95:89E,h56km,mb4.9/42,
mB5.2/29,M54.7/9,M57.4/4.9
DJA 15 12:57:08.9i,0.5:4:1N:3:9:6E,h56km,mb4.9/20,

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MLSI Meulaboh, TPTI TPTI, SNSI Sinabang, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKLT Songkhla, SURT Suratani, SISI Saibi, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ODAN Odare, RAMM Ramite, TAPN Taplejung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIAO, FINES, PDG, PSZ, ARCS, etc.

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

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

PAGZ Pagadian 2.26 199 eP Pn 12 59 53.2 +0.2
KCP Kidapawan 3.12 162f eS Sn 13 00 21.4 0.0
LQP Lukban 4.81 329 eP Pn 13 00 06.5 +1.6

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLP, KUP, OCLP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LZH, HHC, PATS, SHL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, BRVK Borovoye, NRK Noril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, SNPH Sibulan, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBOO Bucklebo, MK31 Makanchi Array, MK32 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGBI Denpasar, JAGI Jajag, SRBI Singaraja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGBI Denpasar, JAGI Jajag, SRBI Singaraja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, LLP Lapu-Lapu, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGBI Denpasar, JAGI Jajag, SRBI Singaraja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKHL 15 13:32:16.3, NEIC 15 13:32:18.5, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND HY 28.02, H1N1 WAKE ISLAND HY 28.03, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONA0 Songino Array, SONM Songino Array, SONY Manlio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, SNPH Sibulan, MSLP Maasin, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiang, RAO Raoul Island, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGC JB 15 13:50:17.3, SJA 15 13:50:17.0, etc.

mb4.5/6, ML4.0(GUC)
GUC 15 13:50:18.7, 0.5, 28.345s; 70.70W, h85km, 9km, ML4.0
IDC 15 13:50:20.2, 0.9, 28.265s; 70.91W, h61km, 6km, mb3.9/3,
mb1 3.7/8, mb1mx3.5/28, mbtrp3.9/8, MS3.1/3, MS1 3.1/3,
ms1mx2.7/27, Error ellipse: s-maj=36.1km s-min=19.9km
az=107.0

mb1 3.7/5, mb1mx3.5/44, mbtrp3.5/5, Error ellipse:
s-maj=98.5km s-min=21.7km az=56.0
MAN 15 13:50:23.7, 9.52N; 123.94E, h13km, MS1.4
ISC 15 13:50:22.8, 1.6, 9.50N; 0.03; 123.93E; 0.05, h5km, 12km,
n17, 1/30/22, mb3.6/5, 3C-1D, Negros

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

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

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

Table with columns: QIZ, comp=Z, 1.1um, 18.6s, LR, LR, 13 55 46.3 +12, 13 55 34.3 -0.1, 13 55 57.4

15d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CHIANG MAI, RANTAU PRAPAT, KUNURRA, MAESIANG, etc.

2013 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SONAO, SONM, SONMI, SONM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BR131 Keskin Array S, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CYA Choyo, AHML Horco Molle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAPP Kappang, UBPT Khong Chiam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRGR 90.40 318, NORARS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNPH Sibulan, LAPU-Lapu, etc.

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

ISCJB 15 14:05:13.4-1.0, 10.01N:124.35E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/46, mbtmp3.8/8, Error ellipse: s-maj=34.4km, s-min=19.4km, az=7.0

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Urewera, Black Stump Fm, Young, Cobar Meteorol, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like FAKI, KNRA, WRKA, FORT, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MYKOM, YSS, YSS, etc.

Table with columns: Name, Comp, Az, El, P, Az, El, P, Az, El, P. Includes entries like ZEA Zeya, SEY Seymchan, LZH Lanzhou, etc.

Table with columns: Name, Comp, Az, El, P, Az, El, P, Az, El, P. Includes entries like BAR OMMB, WAKR Walker, J04D Umpqua Nationa, etc.

Table with columns: Name, Comp, Az, El, P, Az, El, P, Az, El, P. Includes entries like G08A JIRN, HAWA Hanford, W13A Hualapai Mount, etc.

Table of astronomical observations for 2013 OCT, including station names (MKAR, ZALV, etc.), object names (MORC, PSZ, etc.), coordinates, and various parameters like SNR and position angles.

Table of astronomical observations for 2013 OCT, continuing from the previous table with station names (MORC, PSZ, etc.), object names, and parameters.

Table of astronomical observations for 2013 OCT, including station names (PMRV, PMTG, etc.), object names (Marv'70, Montargil, etc.), coordinates, and parameters.

Table titled 'MAN 15:54:58.2, 9.92N:124.04E, h4km, mb4.4, ML3.3, MS3.1, 1C-4D, Mindanao' listing station names, station names, coordinates, and parameters.

Table titled 'MAN 15:58:13.1, 9.99N:124.15E, h2km, mb3.6, ML2.3, MS1.8, 1D, Mindanao' listing station names, station names, coordinates, and parameters.

Table titled 'MAN 15:01:59.2, 9.79N:123.70E, h2km, mb3.6, ML2.3, MS1.8, 1C-10D, Negros' listing station names, station names, coordinates, and parameters.

IDC 15:04:12.7, 1.5, 10.03N:124.32E, h0km, mb3.6/5, mb1.3, 8.8/5, mb1mx3.5/39, mb1mp3.7/5, MS3.0/1, Ms1.3/0.1, ms1mx2.6/50, Error ellipse: s-maj=72.8km s-min=22.2km az=59.0

MAN 15:04:15.8, 9.91N:124.04E, h3km, mb5.0, ML3.9, MS3.9 ISCBJ 15:04:16.0, 0.8, 9.91N:124.02E:124.02E:0.3, h4km, 5km, mb3.4/4, MS2.9/1, Error ellipse: s-maj=5.1km s-min=3.6km az=17.1

ISC 15:04:16.3, 1.1, 9.92N:124.04E:0.03, h11km, 7km, n26, e198/38, mb3.4/4, 3C-2D, Mindanao

Table listing station names, station names, coordinates, and parameters for the final set of observations.

15d 19h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like San Jose, Lukban, Baumata, etc.

CNRM 15 19:06:03.2,34'28N;3'61W,h16km,ml1.9,Morocco

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AKLM, JBK, PALEMAS, etc.

MAN 15 19:07:27.6,994N;124'12E,h4km,mb4.4,ML3.2,MS3.0,2C-2D,Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TBP, LLP, MSLP, etc.

MAN 15 19:16:33.4,976N;123'83E,h7km,mb3.7,ML2.4,MS1.8,2C-1D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TBP, LLP, MSLP, etc.

MAN 15 19:30:32.7,10'06N;124'27E,h1km,mb5.5,ML4.5,MS4.7,NEIC 15 19:30:34.0±2.8,10'00N;102'124.2E±0.1,h10km,3km,mb4.5/18

ISC/JB 15 19:30:34.1±0.7,10'05N;102'124.19E±0.1,h12km,4km,mb4.0/6,MS3.6/7,Error ellipse: s-maj=4.6km s-min=3.8km az=15.2

ISC 15 19:30:40.6±3.0,9'71N;123'97E,h58km,28km,mb3.9/6,mb1.4/1.7,mb1mx3.5/61,mbtrmp4.2/7,ML4.5/1,MS3.6/10,MS1.3/610,ms1mx3.2/55,Error ellipse: s-maj=63.4km s-min=16.2km az=59.0

ISC 15 19:30:33.0±1.1,10'05N;102'124.25E±0.03,h6km,8km,mb8.1±98/75,mb4.3/11,MS3.6/7,6C-1D,Leyte

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Lapu-Lapu, Tagbilaran, Maasin, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KAPPI, MMRI, UBPT, etc.

MLR Muntele Rosu 0.43 250

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Muntele Rosu, Petresti, Istrita, etc.

PRU 15 19:33:04.8±0.0,45'76N;27'00E,h0km,ML4.9

BGS 15 19:33:09.0±1.7,45'40N;26'87E,h140km,mb4.9 IS/CJB 15 19:33:11.4±0.1,45'62N;0'009:26'51E±0.01, h141km,mb4.8/116,Error ellipse: s-maj=1.5km s-min=1.3km az=15.5

MOS 15 19:33:11.2±0.9,45'65N;26'54E,h136km,mb5.1/15,Error ellipse: s-maj=3.0km s-min=2.4km az=113.6 SIGU 15 19:33:11.8±0.1,45'75N;0'8:26'6E±0.8,h144km,1km,mb4.2/10

PDG 15 19:33:11.6±2.4,45'61N;26'51E,h136km,7km,ML4.5/11,Error ellipse: s-maj=2.9km s-min=4.5km az=0 NEIC 15 19:33:12.7±2.1,45'64N;0'04:26'54E±0.07,h140km,4km,mb4.9/185,ML4.3(THE),ML4.9(BUC)

BUC 15 19:33:12.4±0.3,45'60N;26'55E,h138km,2km,ml4.9/48,Error ellipse: s-maj=2.3km s-min=2.0km az=33.0 THE 15 19:33:12.8,45'51N;26'53E,h27km,25km,ML4.3/4,Error ellipse: s-maj=30.0km s-min=2.6km az=14.0

MED_RC 15 19:33:12.0±0.4,45'50N;26'59E,h141km,3km,MW4.7/28, Moment Tensor Solution, Mantle waves: s28_c36; Duration: 1s1 Moment tensor: Scale 10^19Nm; M1:1.06±0.06; M2:0.04±0.07; M3:1.03±0.08; Mo:0.17±0.06; Mw:0.47±0.08; Mw:0.58±0.05; Best double couple: Mo1.290000x10^16 NP1.0±185.000000,δ59.000000,λ70.000000. NP2.0±39.000000,δ36.000000,λ119.000000. Principal axes: T 1.2700, P16969.0000, Azms2.0000; N 0.0400, P1g17.0000, Azm195.0000; P -1.3200, P1g12.0000, Azm289.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

ISC 15 19:33:12.8±0.3,45'52N;26'44E,h95km,9km,ML4.8/19,mb1.4/46,mb1mx3.4/68,mbtrmp4.8/46,MS3.2/7,MS1.3/2/7,ms1mx2.8/68 Error ellipse: s-maj=8.9km s-min=6.6km az=161.0

SOF 15 19:33:13.1,45'61N;26'43E,h30km BEO 15 19:33:15.7±1.3,45'52N;26'44E,h95km,9km,ML4.8/19,ISC 15 19:33:12.8±0.4,45'64N;0'02:26'52E±0.02,h141km,3km,h141km;pP-P,ml079,ml1932/1272,mb4.8/235,120C-139D, Romania

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Bisoca, Plostina, Vri, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Muntele Rosu, Petresti, Istrita, etc.

INCR INCERC-Sediu C Carcaliu 1.23 111

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Carcaliu, Giurgiulesti, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMOL Smolenice, SKIA Skiatos, MODS Modra-Piesok, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, KHC KHC, KHC Kasperske Hory, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS, NCK Naichik, CORLE Corleone, etc.

JOF	Joensuu	17.53	7	P	pmax	19 37 04.8	-2.4
JOF	comp=Z,48nm,0.8s						
VAF	Ylistaro	17.58	354	P	pmax	19 37 08.0	+0.3
VAF	comp=Z,74nm,0.7s						
CASM	Ain Smara	17.75	245	P	Pn	19 37 11.1	0.0
NC405	NORSAR Array S	17.77	336	P	IAmb	19 37 08.4	-1.5
NC405	comp=Z,48nm,0.8s						
NAO01	NORSAR Array S	17.80	334	P	IAmb	19 37 09.2	-0.9
NAO01	comp=Z,103nm,0.8s						
NB201	NORSAR Array S	17.84	335	P	IAmb	19 37 08.6	-2.0
NB201	comp=Z,54nm,0.7s						
NB2	NORSAR Subarra	17.86	335	P	P	19 37 09.3	-1.5
NB2	comp=Z,2.8nm,0.4s,baz=141,slow=12						
NB2	NORSAR Subarra	17.86	335	P	P	19 37 09.3	-1.5
NB2	comp=Z,0.4nm,0.3s,baz=137,slow=11,SNR=55						
NOA	NORSAR Array B	17.86	335	P	P	19 37 09.7	-1.1
NOA	comp=Z,47nm,2.1s,baz=340,slow=42						
CTEI	Djebel Teioual	17.93	245	P	Pn	19 37 13.4	+0.1
NC303	NORSAR Array S	17.96	336	P	IAmb	19 37 09.9	-2.0
NC303	comp=Z,66nm,1.1s						
DFRA	Djebel Bou Aff	17.97	247	P	Pn	19 37 13.6	-0.2
NB000	NORSAR Array S	17.98	335	P	IAmb	19 37 10.7	-1.4
NB000	comp=Z,87nm,0.8s						
LFF	La Frestale	18.13	277	eP	Pn	19 37 15.4	0.0
LFF	comp=Z,33nm,0.5s						
NC204	NORSAR Array S	18.18	335	P	IAmb	19 37 13.2	-1.1
NC204	comp=Z,65nm,1.1s						
BLSS	Blasjic	18.32	326	eP	Pn	19 37 16.7	-0.8
LDF	La Druitiere	18.34	289	eP	Pmax	19 37 15.1	-1.0
LDF	comp=Z,20nm,0.6s						
MFF	Saint Martin d	18.48	283	eP	Pmax	19 37 16.4	-1.3
MFF	comp=Z,94nm,1.1s						
SET	Setif	18.49	247	P	Pn	19 37 19.0	-0.8
SKAR	Skarslaria	18.50	331	eP	P	19 37 17.8	-0.1
CKHR	Kef el Ahmar	18.53	246	eP	P	19 37 19.9	-0.4
ODDI	Oddia	18.57	327	eP	P	19 37 19.9	+0.7
FLN	La Foliniere	18.57	289	eP	P	19 37 16.7	-2.0
FLN	comp=Z,22nm,0.8s						
GRR	Gorron	18.83	288	eP	Pmax	19 37 20.5	-1.0
GRR	comp=Z,19nm,0.6s						
EPF	Esparrros	18.88	271	eP	P	19 37 21.3	-0.8
EPF	comp=Z,14nm,0.8s						
KIRV	Kirov	19.00	39	P	P	19 37 23.2	+0.1
KIRV	comp=Z,14nm,0.3s,baz=235,slow=3.9,SNR=36						
DOMB	Dombas	19.28	335	eP	P	19 37 26.7	+0.4
BER	Bergen	19.37	327	P	Pmax	19 37 28.2	+1.0
BER	comp=Z,132nm,0.7s						
BER	Bergen	19.37	327	P	P	19 37 28.3	+1.0
CWF	Charnwood Fore	19.44	301	eP	P	19 37 27.7	-0.3
ASK	Askoy	19.49	327	eP	P	19 37 29.2	+0.8
OUL	Oulu	19.50	359	P	Pmax	19 37 28.3	-0.2
OUL	comp=Z,86nm,0.9s						
PRGR	Pergomere	19.50	28	iP	P	19 37 28.2	-0.4
PRGR	comp=Z,161nm,0.6s						
ETSF	Etsaut	19.55	272	eP	Pmax	19 37 29.4	0.0
ETSF	comp=Z,20nm,0.8s						
SWN1	Swindon	19.56	298	eP	IAmb	19 37 29.4	+0.1
SWN1	comp=Z,55nm,0.6s						
HYA	Hoyanger	19.58	330	eP	P	19 37 30.6	+1.2
LBWR	Ladybowyer, Pea	19.81	303	eP	IAmb	19 37 32.1	0.0
LBWR	comp=Z,60nm,0.7s						
SJPF	Ste Jean	19.95	273	eP	Pmax	19 37 34.2	+0.5
SJPF	comp=Z,7.0nm,0.5s						
SGMF	Saint Gilles	19.97	288	eP	Pmax	19 37 34.0	+0.2
SGMF	comp=Z,16nm,0.6s						
SUE	Sulen	20.02	328	eP	P	19 37 34.7	+0.5
AKN	Aaknes	20.03	333	eP	P	19 37 35.2	+0.9
MOL	Molde	20.15	334	eP	P	19 37 36.2	+0.7
MONM	Monmouth	20.22	298	eP	IAmb	19 37 36.3	-0.1
MONM	comp=Z,108nm,1.6s						
FOO	Fiore	20.28	330	eP	P	19 37 37.5	+0.5
MCH1	Michaelchurch	20.36	299	eP	IAmb	19 37 37.6	-0.3
MCH1	comp=Z,30nm,1.0s						
MSF	Maaselka	20.37	3	P	Pmax	19 37 37.5	-0.4
MSF	comp=Z,372nm,0.8s						
FOEL	Foel Wyta	20.60	301	eP	P	19 37 40.4	-0.1
EKA	Esksdalemur Ar	21.08	308	eP	P	19 37 44.9	-0.7
EKA	comp=Z,4.3nm,0.5s,baz=101,slow=9.8,SNR=30						
EKA	comp=Z,0.9nm,0.5s,baz=149,slow=0.4,SNR=4.2						
ESK	Esksdalemur	21.10	308	eP	P	19 37 45.9	+0.1
ESK	comp=Z,0.5nm,0.5s,baz=142,slow=5.1,SNR=3.7						
ESK	Esksdalemur	21.10	308	P	Pmax	19 37 46.7	+0.9
ESK	comp=Z,19nm,1.0s						
ESK	Esksdalemur	21.10	308	P	IAmb	19 37 46.7	+0.9
ESK	comp=Z,19nm,0.9s						
EBL	Broad Law	21.13	309	eP	P	19 37 46.5	+0.3
DRUM	Mains of Drum	21.19	313	eP	IAmb	19 37 46.7	-0.1
DRUM	comp=Z,43nm,0.8s						
EDI	Edinburgh	21.25	310	eP	IAmb	19 37 47.8	+0.4
EDI	comp=Z,35nm,0.8s						
AKTO	Aktyubinsk	21.51	66	P	P	19 37 50.4	+0.1
AKTO	comp=Z,23nm,0.8s,baz=272,slow=10,SNR=69						
AKTO	Aktyubinsk	21.51	66	P	Pmax	19 37 49.9	-0.4
AKTO	comp=Z,30nm,0.8s						
MOR8	Moi Rana	21.59	347	eP	P	19 37 51.7	+0.7
WIM	Isle of Man	21.67	304	eP	P	19 37 52.4	+0.4
INVG	Invergelde, C	21.86	311	eP	IAmb	19 37 53.1	-0.8
INVG	comp=Z,30nm,0.9s						
EAB	Aberfoyle	21.95	310	eP	P	19 37 54.4	-0.4
CART	Cartagena	22.01	258	P	IAmb	19 37 55.8	+0.2
CART	comp=Z,140nm,1.7s						
KONS	Konsvik	22.11	346	eP	P	19 37 56.8	+0.4
APA	Apacity	22.29	7	iP	Pmax	19 37 57.0	-1.1
APA	comp=Z,9.0nm,0.8s						
APA	comp=Z,300nm,15.0s						
LAWE	Loch Awe, Argy	22.54	310	eP	P	19 38 00.3	-0.3
LAWE	comp=Z,48nm,0.9s						
DSB	Dublin	22.54	302	P	IAmb	19 38 00.4	-0.3
DSB	comp=Z,75nm,1.6s						
ARU	Arti	22.65	50	P	P	19 38 01.2	-0.5
ARU	comp=Z,20nm,0.4s,baz=248,slow=8.4,SNR=114						
ARU	Arti	22.65	50	iP	P	19 38 00.9	-0.8
ARU	comp=Z,2.2nm,0.4s,baz=141,slow=12						
ARU	Arti	22.65	50	P	P	19 38 02.6	-3.4
ARU	comp=Z,19nm,1.0s						
ARU	Arti	22.65	50	P	IAmb	19 38 01.0	-0.8
ARU	comp=Z,112nm,1.2s						
CLGH	Cloghs, Cushen	22.67	306	eP	P	19 38 01.4	-0.5
CLGH	comp=Z,31nm,0.7s						

LVZ	Lovozero	22.72	8	eP	Pmax	19 38 01.8	-0.5
LVZ	comp=Z,234nm,1.8s						
LVZ	Lovozero	22.72	8	P	IAmb	19 38 01.6	-0.7
LVZ	comp=Z,354nm,0.7s						
AB31	Akbulak array	22.79	69	iP	Pmax	19 38 02.7	-0.4
AB31	comp=Z,14nm,0.5s						
ABKAR	Akbulak array	22.79	69	P	P	19 38 02.6	-0.4
ABKAR	Akbulak array	22.79	69	P	IAmb	19 38 02.8	-0.3
ABKAR	comp=Z,26nm,0.7s						
SESP	Santiago Espad	22.82	261	P	P	19 38 04.1	+0.5
KAC	Kachashellach	22.83	313	P	P	19 38 02.9	-0.4
RSC	Scourie	23.04	315	eP	P	19 38 04.6	-0.6
ESBB	Sonsec Array	23.11	266	P	IAmb	19 38 04.7	-1.5
ESBB	comp=Z,19nm,0.9s						
ESDC	Sonsec Array	23.11	266	P	P	19 38 05.0	-1.2
ESDC	comp=Z,3.5nm,0.4s,baz=60,slow=9.5,SNR=52						
ESDC	Sonsec Array	23.11	266	P	ScP	19 45 14.0	-1.0
ESDC	comp=Z,0.7nm,0.7s,baz=32,slow=3.6,SNR=6.2						
ESDC	Sonsec Array	23.11	266	P	IAmb	19 38 04.3	-1.9
ESDC	comp=Z,6.7nm,1.0s						
STEI	Steigen	23.11	349	eP	P	19 38 06.4	+0.5
RRR	Rubha Reidh	23.20	313	eP	P	19 38 06.3	-0.5
PAB	San Pablo	23.43	266	P	Pmax	19 38 07.6	-1.6
PAB	comp=Z,9.0nm,0.9s						
PAB	San Pablo	23.43	266	P	IAmb	19 38 07.6	-1.6
PAB	comp=Z,9.5nm,0.9s						
KTK1	Sve Sverdlouk	23.50	357	eP	P	19 38 09.3	-0.1
SVE	Sve Sverdlouk	23.86	50	iP	P	19 38 13.8	+1.0
SVE	comp=Z,2.7nm,0.8s						
SVE	Sve Sverdlouk	23.86	50	eS	Pmax	19 42 18.9	+0.6
ARCES	ARCCESS Array B	23.97	359	P	P	19 38 13.7	0.0
ARCES	comp=Z,19nm,0.5s,baz=174,slow=9.1,SNR=137						
ARCES	ARCCESS Array B	23.97	359	P	P	19 38 13.2	-0.5
ARCES	ARCCESS Array B	23.97	359	P	P	19 38 13.2	-0.5
ARCES	ARCCESS Array S	23.97	359	eP	P	19 38 13.7	0.0
AREO	AREO	23.97	359	P	P	19 38 13.3	0.5
AREO	AREO	23.97	359	P	P	19 38 15.7	+0.1
KEV	Kevo	24.19	0	P	Pmax	19 38 15.7	+0.1
KEV	comp=Z,76nm,0.8s						
KEV	Kevo	24.19	0	P	IAmb	19 38 15.0	+0.1
KEV	comp=Z,76nm,0.8s						
PBRG	Braganca	24.24	273	eP	P	19 38 16.8	+0.3
PBRG	comp=Z,27nm,1.5s						
TRO	Tromso	24.36	354	eP	P	19 38 17.8	+0.6
MVO	Moncovo	24.67	272	eP	P	19 38 19.3	-1.1
MVO	comp=Z,52nm,1.0s						
GEYT	Alibeck	24.67	97	P	P	19 38 22.5	+2.1
GEYT	comp=Z,32nm,0.7s,baz=302,slow=9.9,SNR=125						
GEYT	Alibeck	24.67	97	P	P	19 41 54.1	+0.3
GEYT	comp=Z,4.0nm,0.6s,baz=277,slow=4.7,SNR=7.5						
GEYT	Alibeck	24.67	97	P	IAmb	19 38 23.8	+1.9
GEYT	comp=Z,24nm,0.8s						
GEYT	Alibeck Array	24.67	97	P	P	19 41 54.1	+0.3
GYA0B	Alibeck Array	24.67	97	P	IAmb	19 38 23.3	+1.9
GYA0B	comp=Z,40nm,0.8s						
JBK	JBI Real	24.84	253	P	P	19 38 23.0	+0.8
PVRL	Vila Real	25.11	272	eP	P	19 38 25.4	+1.0
PVRL	comp=Z,29nm,1.6s						
HAMF	Hammerfest	25.12	358	eP	P	19 38 23.8	-0.3
POLO	Lamas de Polo	25.13	273	eP	P	19 38 24.6	0.0
POLO	comp=Z,17nm,1.6s						
PGAV	Gavião, Arco	25.25	274	eP	P	19 38 24.8	-0.9
PGAV	comp=Z,41nm,1.9s						
TDRA	Tendrará	25.26	250	P	P	19 38 27.0	+1.0
PALE	Palemas	25.27	256	P	P	19 38 26.0	+0.1
MTE	Manteigas	25.32	270	eP	P	19 38 25.8	-0.5

15d 20h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Maasin, Ormoc, Jordan, Musuan.

MAN 15:19:53:50.7, 9.98N:123.86E, h4km, mb4.6, ML3.4, MS3.3, 3C-2D, Negros

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tagbilaran, Lapu-Lapu, Sibulan, Ormoc, Jordan, Palo, Butuan, Roxas, Pagadian, Musuan.

MAN 15:20:00:25.8, 9.93N:124.15E, h1km, mb3.7, ML2.4, MS1.9, 2C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Lapu-Lapu, Maasin, Sibulan, Ormoc, Jordan, Butuan, Roxas, Pagadian, Lukban.

IDC 15:20:13:16.1, 0.5, 18.49S:63.22W, h0km, mb4.4/18, m1.4, 5/26, mb1mx4.4/52, mbtmp4.2/26, ML4.3/8, MS4.7/10, M-1 4.7/10, ms1mx4.6/17, Error ellipse: s-maj=13.4km s-min=11.6km az=41.0

BUI 15:20:13:16.0, 0.0, 18.40S:63.20W, h10km, mB5.6/5, MS5.4/4, Ms7.5/15

VAO 15:20:13:18.5, 0.3, 18.45S:63.19W, h1km, 2km, mb4.5

ISCBJ 15:20:13:19.2, 0.1, 18.54S:0.02:63.22W, 0.02, h35km, mb4.4/19, Error ellipse: s-maj=3.0km s-min=2.6km az=19.3

NEIC 15:20:13:20.6, 2.1, 18.50S:0.06:63.27W, 0.07, h38km, 5km, mb5.0/84

GCMT 15:20:13:22.6, 0.2, 18.32S:0.01:63.19W, 0.01, h12km, MW2.2/123, Moment Tensor Solution: s75, c94; s123, c197; Duration: 150 Moment tensor: Scale 10^17 Nm; Mw=0.73±0.1; M0=0.06±0.1; Mw=0.79±0.1; Mw=0.28±0.4; Mw=0.1±0.1; Mw=0.20±0.4; Best double couple: Mo=0.83900±0.117 NP1=341.00000, 856.00000, 767.00000. NP2=198.00000, 841.00000, 120.00000.

Principal axes: T 0.8560, Plg70.0000, Azm199.0000; N -0.0340, Plg19.0000, Azm354.0000; P -0.8210, Plg8.0000, Azm87.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

Triangular moment-ratio function

SCB 15:20:13:24.7, 1.9, 18.44S:63.20W, h35km, 75km, ML5.0/1 Error ellipse: s-maj=6.2km s-min=3.8km az=0.0

ISC 15:20:13:20.2, 0.3, 18.51S:0.04:63.19W, 0.04, h35km, n425, c190/422, mb4.9/50, 24C-14D, Central Bolivia

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their associated data points.

2013 OCT

Large table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their associated data points.

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Large table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their associated data points.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like K61A Williamstown, O49A Covington, M54A Oil Creek Stat, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Q24A Divide, S22A 4UR Ranch, Cre, M4VCO Mesa Verde, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WMQ Urumqi, WMQ comp=Z,650nm,29.0s, etc.

15d 20h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like 833A Chaparral WMA, ETX02 Prairie Street, and 435B Jarrell.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like TORO Torodi Ar, TORD Torodi Ar, and QSPA South Pole Qui.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like comp=Z,2.2nm,1.1s, and KSH Kashi.

IDC 15:20:17:17.5:1.4, 48:99S:121:145E, h0km, mb4.0/4, Mb1 4.3/5, mb1mx4.0/35, mbtmp4.1/5, ML2.6/1, MS4.0/16, Ms1 4.0/16, ms1mx3.9/25, Error ellipse: s-maj=47.0km s-min=31.5km az=131.0

ISCJB 15:20:17:18.0:0.6, 48:93S:0:09:121:5E:0:2, h13km, mb3.9/4, MS4.0/15, Error ellipse: s-maj=18.3km s-min=11.3km az=24.1

NEIC 15:20:17:19.9:1.1, 48:9S:0:1x121:5E:0:2, h15km, mb4.5/15

ISC 15:20:17:19.9:0.6, 48:93S:0:1x121:5E:0:1, h13km, n51, mb4.0/13, mb4.6/11, MS3.9/15, Western Indian-Antarctic Ridge

Table with columns for Code, Station Name, Az, Az', Phase ID, Op, Time Res, and other technical details. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, and H01W3 Cape Leeuwin H.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARLS Aral, ARSB Arslanbob, AML Almayashu, etc.

SOME 15 20:18:59.5, 42.622N-80.98E, h5km, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UZB Uzynbulak, KPKS Kokpek, SATY Saty, etc.

MAN 15 20:22:29.6, 9.93N-124.09E, h4km, mb3.6, ML2.3, MS1.7, 2C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, MSLLP Maasin, etc.

NEIC 15 20:25:45.7-2.3, 35.00N-0.06-2.16E, 0.06, h29km, 6km. ISCJB 15 20:25:46.2-0.3, 34.98N-0.02-2.8E, 0.02, h48km, 3km, mb4.2/20, MS4.1/1, Error ellipse: s-maj=3.9km s-min=2.3km az=4.9

ATH 15 20:25:47.6, 35.19N-26.19E, h30km, ML3.7/32, Error ellipse: s-maj=1.3km s-min=0.5km az=160.0

ISK 15 20:25:47.7-1.6, 35.07N-26.16E, h46km, 17km, mb3.8/14, mb1.3/24, mb1mx3.6/71, mbmtps3.9/24, ML3.6/10, MS3.0/2, Ms1.3/0.2, ms1mx2.6/50, Error ellipse: s-maj=16.4km s-min=11.2km az=173.0

THE 15 20:25:49.6, 35.17N-26.16E, h20km, ML3.9/11, Error ellipse: s-maj=1.5km s-min=0.6km az=163.0

NSSC 15 20:25:56.8-1.3, 34.36N-27.38E, h5km, ML2.9, ISC 15 20:25:56.8-0.6, 35.05N-0.04-2.619E, 0.02, h33km, 2km, n289, r189/328, mb4.1/30, Crete

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

Main table with columns: LAST, Lasithi, 0.59 281, P, Pn, 20 25 59.4 +0.7, 20 26 08.1 +0.9, 20 26 09.1. Includes stations like KARP Karpathos, IACM Heraklion, SIVA Sivas, etc.

Main table with columns: YER Yerkesik, 2.69 39, P, Pn, 20 26 30.1 +2.6, 20 26 29.4 +1.9, 20 26 28.6 +0.9. Includes stations like SMG Samos, GCAM G?zelami?, KTHA Kythira Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RDO Rodhopi, KKR Karatay Array, and various other meteorological stations.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KKK31 Karatay Array, KKR Karatay Array, and various other meteorological stations.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, and various other meteorological stations.

MAN 15:20:25:51.0, 10:00N:124.21E, h19km, mb4.0, ML2.8,

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, and various other meteorological stations.

IDC 15:20:27:52.6, 0.9, 5.42S: 152.90E, h0km, mb4.1/12, mb1.4/213, mb1mx4.0/49, mbtmp4.1/13, ML2.1/1, MS3.4/3, Ms1.3/4.3, ms1mx3.0/37, Error ellipse: s-maj=24.1km s-min=16.5km az=112.0

ISC/JB 15:20:27:56.1, 0.3, 5.56S: 0.04x152.97E, 0.05, h37km, mb4.3/17, Error ellipse: s-maj=7.6km s-min=5.3km az=33.8

NEIC 15:20:27:59.3, 2.3, 5.54S: 0.08x153.02E, 0.06, h53km, 7km, mb4.7/37

ISC 15:20:27:57.6, 0.5, 5.52S: 0.06x153.05E, 0.08, h37km, n78, mb4.5/179, mb4.6/34, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, KRVT Keravat, and various other meteorological stations.

IDC 15:20:28:05.7, 39.0, 19.26S: 178.33W, h650km, 359km, mb3.2/3, mb1.3/3, mb1mx2.8/42, mbtmp4.3/3, Error ellipse: s-maj=383.7km s-min=140.0km az=109.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, and various other meteorological stations.

IDC 15:20:28:59.4, 1.6, 13.5N: 0.1x90.49W, 0.08, h44km, 48km, Error ellipse: s-maj=25.4km s-min=7.9km az=24.6

SNET 15:20:29:00.5, 1.3, 13.54N: 90.38W, h27km, 4km, ML3.4, CGG 15:20:29:01.8, 0.7, 13.67N: 90.51W, h45km, 5.3km, MD3.5

ISC 15:20:28:59.4, 2.4, 13.5N: 0.1x90.47W, 0.06, h29km, 14km, n12, 0.977/18, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MOYG Moyuta, MOYG Moyuta, and various other meteorological stations.

Table with 5 columns: STG3, Santiaguito 3, 1.62 319 eP, P, 20 29 29.7 +1.0

mb3.6/3, Error ellipse: s-maj=6.0km s-min=4.2km az=24.2 NEIC 15 20:45:25.4, 1.1, 9.62N, 0.07E, 123.3E, 0.1, 1.1, h1km, 5km, mb4.4/6

Table with 5 columns: CMAR, Chiang Mai Arr, 39.42 310 P, P, 20 58 50.1 -1.2

Table with 5 columns: MAN 15 20:32:52.8, 9.83N, 123.74E, h4km, mb3.8, ML2.5, MS2.0, 2C-10, Negros

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: CMAR, Chiang Mai, 39.42 310 P, P, 20 58 49.6 -1.7

IDC 15 20:34:20.5, 1.6, 10.17N, 124.73E, h0km, mb4.0/6, mb1.4, 1/6, mb1mx3.6/45, mbtmp4.0/6, MS3.3/4, Ms1.3/4, ms1mx3.0/44, Error ellipse: s-maj=126.0km s-min=18.0km az=69.0

IDC 15 20:45:23.5, 1.0, 10.05N, 0.02E, 124.15E, 0.03, h15km, 7km, n34, c2529/42, mb4.2/7, 5C-1D, Leyte

IDC 15 20:53:58.3, 9.96N, 124.14E, h5km, mb4.7, ML3.5, MS3.4, 2C-20, Mindanao

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

IDC 15 20:34:22.4, 0.7, 10.05N, 0.02E, 124.18E, 0.03, h12km, 4km, mb3.9/5, MS3.4/2, Error ellipse: s-maj=4.9km s-min=4.0km az=6.8

IDC 15 20:34:22.3, 1.1, 10.01N, 0.03E, 124.21E, 0.03, h5km, 8km, n45, c125/53, mb4.0/10, 4C-2D, Leyte

IDC 15 20:53:37.0, 9.81N, 123.84E, h12km, mb4.0, ML2.8, MS2.4, 2C-10, Negros

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

IDC 15 20:51:33.5, 0.3, 6.42S, 0.03E, 129.98E, 0.05, h146km, mb4.1/7, Error ellipse: s-maj=7.0km s-min=5.0km az=162.0

DJA 15 20:51:36.9, 0.3, 6.3S, 3.13E, h167km, 9km, M4.4/13, mb5.0/1, mb4.5/8, MLV4.4/13, Mw(MB)4.3/1

IDC 15 20:51:36.3, 2.7, 6.33S, 0.08E, 129.95E, 0.10, h158km, 10km, mb4.3/22

IDC 15 20:51:39.9, 3.5, 6.57S, 129.86E, h194km, 36km, mb3.5/5, mb1.3/7.8, mb1mx3.4/33, mbtmp4.2/8, Error ellipse: s-maj=31.5km s-min=12.3km az=54.0

IDC 15 20:51:35.4, 0.5, 6.51S, 0.04E, 130.00E, 0.06, h146km, n70, c2530/79, mb4.2/12, Banda Sea

IDC 15 20:58:37.0, 9.81N, 123.84E, h12km, mb4.0, ML2.8, MS2.4, 2C-10, Negros

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

IDC 15 20:58:37.0, 9.81N, 123.84E, h12km, mb4.0, ML2.8, MS2.4, 2C-10, Negros

IDC 15 21:08:11.3, 37S, 10x17.9E, h33km, M3.5/28, ML3.7/23, MLV3.5/28, Error ellipse: s-maj=0.0km s-min=0.0km az=21.3, Off east coast of North Island

IDC 15 21:08:11.3, 37S, 10x17.9E, h33km, M3.5/28, ML3.7/23, MLV3.5/28, Error ellipse: s-maj=0.0km s-min=0.0km az=21.3, Off east coast of North Island

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

IDC 15 20:38:53.0, 10.00N, 124.16E, h4km, mb4.2, ML3.0, MS2.7, 2C-20, Mindanao

IDC 15 20:38:53.0, 10.00N, 124.16E, h4km, mb4.2, ML3.0, MS2.7, 2C-20, Mindanao

IDC 15 20:38:53.0, 10.00N, 124.16E, h4km, mb4.2, ML3.0, MS2.7, 2C-20, Mindanao

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

Table with 5 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res

IDC 15 20:45:23.4, 10.02N, 124.18E, h4km, mb4.6, ML3.5, MS3.3, IDC 15 20:45:23.9, 1.6, 9.45N, 123.06E, h0km, mb3.7/3, mb1.3/9.4, mb1mx3.4/44, mbtmp3.8/4, ML4.2/11, MS3.2/1, Ms1.3/2.1, ms1mx2.6/45, Error ellipse: s-maj=107.2km s-min=23.7km az=58.0

IDC 15 20:45:24.6, 0.6, 10.02N, 0.03E, 124.16E, 0.03, h21km, 5km, mb4.2/9

IDC 15 20:45:24.6, 0.6, 10.02N, 0.03E, 124.16E, 0.03, h21km, 5km, mb4.2/9

16d 1h

2013 OCT

Table with columns for station code, name, frequency, and other details. Includes stations like GRESIK, PANORAMA, TPI, IGBI, JAGI, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like XMAS, MLSI, FITZ, XAN, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like JBP, JBP, BBOO, EIDS, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JMDO, NRK, NRK, NRK, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WL2, DAT, AGG, ARG, SLUM, YER, TURN, DALY, FET, AKAS, ELL, KORT, SWA2, HFRF.

GCG 16 01:50:49.3-0.7, 12.75N:90.44W, h11km, 16km, MD3.9
SNET 16 01:50:53.7-1.5, 13.03N:90.29W, h13km, 13km, ML3.3
ISC 16 01:50:49.8-3.4, 12.93N:01-90.37W, h10.08, h5km, 16km, n14,
+0.71/19, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEVE, MOYU, SBL, RTR, SNUJ, XJG, FUG, COEG, NBG, MTO3, STG3, LCND.

MAN 16 01:56:32.1, 9.71N:123.65E, h7km, mb3.0, ML4.2, MS2.7,
4C-1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBP, SNPH, INLP, DCPH, MSLP, GUILM, PAGZ, RCP, IPIL.

ANF 16 01:58:55.0-1.2, 12.63N:90.95W, h30km, ML4.6/113,
Error ellipse: s-maj=20.8km s-min=5.3km az=164.0
UCR 16 01:58:54.1-1.5, 12.86N:90.34W, h17km, 8km, MD4.2,
ML4.1

GCG 16 01:58:55.0-0.6, 13.02N:90.50W, h7km, 50km, MD4.6
SNET 16 01:58:55.0-1.0, 12.93N:90.30W, h17km, 7km, ML4.2
ISC 16 01:58:57.5-1.4, 12.98N:0.07-90.23W, h0.06, h57km, 7km,
mb4.4/144, MD4.2, (SNET)

IDC 16 01:59:00.0-2.1, 13.36N:89.84W, h65km, 16km, mb4.0/16,
mb1.4/3/18, mb1mx4/0.42, mbtmp4.4/18, MS3.8/3,
Ms1 3/7.3, ms1mx3/1.31, Error ellipse: s-maj=33.8km
s-min=11.3km az=40.0

ISC 16 01:58:54.7-0.5, 12.96N:0.04-90.31W, h29km, n503,
+1.94/462, mb4.5/79, 8C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEVE, SBL, MOYU, RTR, XJG, UNIC, BOOS, SNET, UUES, LFRS, LFU, PAV, COEG, FUG, SNVI, NBG, UESV.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTO3, ALJI, LLGN, COEB, TECA, ERG, JUCU, APG, VSM, STG3, MRL, FAGO, LCND, LCND, LGU, TGUH, TRGH, CRIN, CNGN, COPN, ESTN, RCON, MATN, ACON, JTS, JTS, JTS, ESPN, CMIG, TEIG, TEIG, SJCC, 059Z, YOTC, YOTC, SMLC, GUYZ, PTBC, BLAC, NBAC, NORC, POPC, ORTC, 833A, SPBC, 656A, PAMC, CHIC, CHIC, FLOC, CAPV, 454A, 352A, 352A, NATX, NATX, 353A, VBMS, TIGA, JCT, JCT, SDV, 356A, 254A, 255A, LRAL, 152A, 256A, TX32, TXAR, TXAR, 153A, Z50A, Z50A, H06E1, Z51A, Z52A, 155A, Y49A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Z53A, 156A, GOGA, Z54A, ABTX, Y51A, OXF, Z55A, Y52A, X48A, X48A, Y53A, MIAR, MIAR, UALR, Z56A, Y54A, PLAL, Z57A, X51A, NHSC, W41B, Y55A, WHAR, X52A, W39A, W49A, X53A, Z58A, SWET, W50A, X34A, W51A, X54A, Y57A, V48A, V48A, CPCT, WMOK, V49A, V50A, WVT, WVT, W54A, MNXT, MNXT, CLTN, TKL, V51A, TUL1, TUL1, Y59A, U40A, KMSC, V52A, V53A, X58A, PBMO, W56A, MSTX, MSTX, U49A, U50A, V54A, W57A, U51A, T47A, AMTX, W58A, U52A, MGMO, V55A, V55A, TZTN, U53A, V56A, T49A, T49A, T50A, S44A, U54A, U54A, V57A.

775										2013 OCT										16d 1h									
U55A	TA2, Sparta	24.88	18	P	P	02 04 14.3	-0.8			BC3	Big Chuckkawl	30.80	316	P	P	02 05 10.7	+2.6	SAML	Samuel	34.64	128	P	P	02 05 41.1	-0.7				
V58A	Windy Hill, Pi	24.88	22	P	P	02 04 14.6	-0.4			I42A	Draeger Farm,	30.85	2	P	P	02 05 07.1	-1.2	SAML	comp=Z,4.0nm,0.7s			Iamb	Iamb	02 05 47.0					
V58A	Windy Hill, Pi	24.88	22	Iamb	Iamb	02 04 16.6				IRM	Iron Mountain	30.89	317	P	P	02 05 11.7	+2.8	E51A	G1948 Merrick	34.69	13	P	P	02 05 40.5	-1.4				
CCM	Cathedral Cave	25.01	358	P	P	02 04 15.6	-0.5			J49A	Marlette	30.92	10	P	P	02 05 07.5	-1.4	ORIO	Orleans, Innes	34.74	18	P	P	02 05 41.0	-1.4				
CCM	Cathedral Cave	25.01	358	P	P	02 04 15.9	-0.2			I41A	Arkdale	31.00	1	P	P	02 05 08.7	-0.9	SMMC	Simmler	34.83	315	P	P	02 05 46.1	+2.8				
CCM	comp=Z,13nm,0.7s			Iamb	Iamb	02 04 17.6				MONP2	Monument Peak	31.03	314	P	P	02 05 13.0	+2.7	F55A	Ott Lake	34.84	17	P	P	02 05 42.0	-1.2				
S49A	Springfield	25.13	9	P	P	02 04 17.2	0.0			N61A	South Mountain	31.05	24	P	P	02 05 09.4	-0.7	LBNH	Lisbon	34.93	23	P	P	02 05 45.0	+1.0				
S50A	Richmond	25.18	11	P	P	02 04 17.5	-0.2			L56A	Greenwood	31.11	19	P	P	02 05 09.6	-1.2	E53A	Dumaine, Ponti	34.98	15	P	P	02 05 44.3	-0.1				
121A	Cookes Peak, D	25.21	323	P	P	02 04 21.3	+3.1			ECSD	EROS Data Cent	31.14	351	P	P	02 05 09.7	-1.3	E54A	Lac Daplat, Po	35.16	16	P	P	02 05 44.7	-1.2				
SS1A	Beattyville	25.30	13	P	P	02 04 18.0	-0.8			ECSD	EROS Data Cent	31.14	351	Iamb	Iamb	02 05 11.4		G59A	Clarenceville	35.19	21	P	P	02 05 45.8	-0.4				
319A	Douglas	25.31	319	Iamb	Iamb	02 04 33.1				I46A	Reed City	31.16	7	P	P	02 05 09.5	-1.5	D50A	G1974 Best Tow	35.22	12	P	P	02 05 45.3	-1.1				
U71A	Blanch	25.37	21	P	P	02 04 19.1	-0.3			I45A	Fountain	31.17	6	P	P	02 05 09.7	-1.4	TPAW	Teton Pass	35.24	334	Iamb	Iamb	02 05 49.6					
WC1	Wyandotte Cave	25.42	7	P	P	02 04 19.5	-0.4			L57A	Andrews Acres	31.22	20	P	P	02 05 10.3	-1.3	D51A	Lot 18 Range I	35.25	13	P	P	02 05 45.8	-0.9				
WLIL	Olney	25.75	4	Iamb	Iamb	02 04 32.7				M59A	Waymart	31.30	22	P	P	02 05 11.4	-1.0	ELK	Elko	35.26	326	Iamb	Iamb	02 05 50.2					
R50A	Paris	25.78	11	P	P	02 04 22.6	-0.5			O20A	White River Ci	31.33	333	P	P	02 05 14.0	+1.0	F57A	Harrison	35.32	19	P	P	02 05 46.1	-1.2				
U59A	Littleton	25.87	24	P	P	02 04 23.5	-0.5			O20A	White River Ci	31.33	333	P	P	02 05 13.9	+1.0	D52A	ZEK Kipawa Sen	35.36	14	P	P	02 05 46.6	-1.1				
R51A	Hillsboro	25.94	12	P	P	02 04 24.0	-0.6			O20A	comp=Z,7.0nm,0.8s			Iamb	Iamb	02 05 15.3		OMMB	Old Mammoth Mi	35.46	319	Iamb	Iamb	02 05 53.2					
T58A	Grand View Acr	26.12	22	P	P	02 04 25.3	-0.9			O20A	Paris	31.35	14	P	P	02 08 06.6	0.0	NVAR	Mina Array Bay	35.51	321	P	P	02 05 52.2	+2.8				
ANMO	Albuquerque	26.32	329	P	P	02 04 30.1	+1.7			J52A	Belle Mtn. Jos	31.36	316	P	P	02 05 15.8	+2.6	NVAR	comp=Z,6.7nm,1.1s			PcP	PcP	02 08 20.5	+2.2				
ANMO	Albuquerque	26.32	329	P	P	02 04 29.4	+1.0			PFO	Pinyon Flats O	31.45	315	P	P	02 05 16.9	+3.0	NVAR	Mina Array Bay	35.51	321	P	P	02 05 50.9	+1.6				
ANMO	Albuquerque	26.32	329	P	P	02 04 28.4	+0.1			K55A	Perry	31.50	17	P	P	02 05 13.1	-1.0	NVAR	comp=Z,6.7nm,0.7s,baz=134,slow=7.9,SNR=55			PcP	PcP	02 08 18.3	+0.0				
Q49A	Aurora	26.36	10	P	P	02 04 27.9	-0.7			LFLO	Pinon Flats O	31.45	315	P	P	02 05 16.9	+3.0	MDPB	Devils Postpil	35.52	319	Iamb	Iamb	02 05 54.2					
T59A	Double "B" Far	26.51	23	P	P	02 04 28.8	-0.9			K55A	Perry	31.50	17	P	P	02 05 13.1	-1.0	AGMN	Agassiz Nation	35.53	354	P	P	02 05 47.9	-1.2				
Q51A	Peebles	26.69	12	P	P	02 04 30.1	-1.3			N62A	Caumsett State	31.53	25	P	P	02 05 14.0	-0.3	D53A	Lac Vacive, Po	35.63	15	P	P	02 05 49.1	-0.8				
Q51A	Peebles	26.69	12	Iamb	Iamb	02 04 31.6				L58A	Harry Jones Me	31.59	21	P	P	02 05 14.7	-0.2	MDND	Nadcock	35.64	349	P	P	02 05 49.6	-0.4				
P46A	Rosedale	26.70	5	P	P	02 04 30.0	-1.4			GMRC	Granite Mounta	31.60	318	P	P	02 05 18.0	+2.7	F58A	St-Lin Laurent	35.66	20	P	P	02 05 49.6	-0.6				
P48A	Milroy	26.75	8	P	P	02 04 30.3	-1.6			BINY	Binghamton	31.68	20	P	P	02 05 15.1	-0.6	E56A	St. Veronique	35.87	18	P	P	02 05 51.2	-0.8				
S58A	Poland Farm, P	26.88	22	P	P	02 04 32.4	-0.7			K56A	Middlesex	31.70	18	P	P	02 05 15.0	-0.9	RLMT	Red Lodge	35.89	337	P	P	02 05 52.7	+0.1				
TUC	Tucson	26.89	319	P	P	02 04 34.1	+0.7			K57A	Scipio Center	31.98	19	P	P	02 05 16.4	-1.9	RLMT	Red Lodge	35.89	337	Iamb	Iamb	02 05 53.2					
P49A	Miami Univ. Ec	26.93	10	P	P	02 04 32.3	-1.2			RWWY	Reavens	32.22	6	P	P	02 05 19.3	-1.1	D54A	Lac Fusel, La	35.96	16	P	P	02 05 51.3	-1.6				
O44A	Mansfield	27.14	3	P	P	02 04 34.5	-0.8			G45A	Suttons Bay	32.22	6	P	P	02 05 19.3	-1.1	F59A	Saint Guillaume	35.99	21	P	P	02 05 51.9	-1.2				
P50A	Jamestown	27.16	11	P	P	02 04 34.9	-0.7			G39A	Holcombe	32.23	359	P	P	02 05 19.3	-1.2	BMN	Saint-Amand	36.15	324	Iamb	Iamb	02 05 58.1					
T25A	Trinidad	27.19	335	P	P	02 04 37.1	+1.0			SPMN	Marine on St.	32.23	357	P	P	02 05 19.0	-1.4	D55A	Sainte-Anne-Du	36.17	17	P	P	02 05 53.5	-1.2				
Q54A	Coxs Mills	27.25	16	P	P	02 04 35.5	-0.9			SUSD	Miller	32.24	348	P	P	02 05 20.1	-0.5	LAO	LASA Array	36.20	341	P	P	02 05 55.0	+0.1				
SFIN	Lafayette	27.46	5	P	P	02 04 37.6	-0.7			K58A	Earlville	32.30	20	P	P	02 05 19.8	-1.3	WAKR	Walker	36.26	320	P	P	02 05 58.3	+2.6				
HDIL	Hopedale	27.51	2	P	P	02 04 37.6	-1.1			J56A	Wolcott	32.37	19	P	P	02 05 20.1	-1.6	WAKR	comp=Z,5.2nm,0.8s			Iamb	Iamb	02 06 00.2					
O48A	Farmland	27.57	9	P	P	02 04 37.9	-1.3			CLWO	Collingwood	32.53	13	P	P	02 05 22.2	-0.9	E58A	La Victoria	36.28	20	P	P	02 05 54.0	-1.6				
O50A	Cable	27.72	11	P	P	02 04 39.4	-1.2			G46A	Petoskey	32.58	7	P	P	02 05 22.2	-1.4	G62A	West of Eustis	36.30	24	P	P	02 05 54.8	-0.9				
Q56A	Snyder Ridge,	27.79	19	P	P	02 04 41.3	0.0			BFSC	Mont Baldy Ra	32.63	315	P	P	02 05 27.0	+2.7	YERR	Yerinton	36.43	321	Iamb	Iamb	02 06 01.2					
O51A	Pataaskala	27.92	13	P	P	02 04 41.6	-0.8			GSC	Goldstone, Bar	32.67	317	P	P	02 05 28.1	+3.5	CMB	Columbia Colle	36.59	318	Iamb	Iamb	02 06 03.0					
ACSO	Alum Creek Sta	27.92	12	P	P	02 04 41.5	-0.9			CIS	Catalina Islan	32.71	313	P	P	02 05 27.1	+2.3	H65A	Eastbrook	36.62	27	P	P	02 05 58.9	-1.2				
P54A	Burton	27.92	16	P	P	02 04 41.3	-1.2			K22A	Casper	32.75	338	P	P	02 05 25.3	+0.1	VCNR	Virginia City	36.87	321	Iamb	Iamb	02 06 05.0					
214A	Organ Pipe Nat	28.00	316	P	P	02 04 45.2	+2.0			J57A	Williamstown	32.76	19	P	P	02 05 23.7	-1.5	PAHR	Pah Rah Range	36.96	321	Iamb	Iamb	02 06 05.4					
N47A	Urbana	28.11	7	P	P	02 04 42.4	-1.7			F45A	CMU Biological	32.87	6	P	P	02 05 24.9	-1.1	D58A	Chem du LacG	37.04	20	P	P	02 06 00.8	-1.3				
MCWV	Mont Chateau	28.16	17	P	P	02 04 43.6	-0.9			J58A	Remsen	32.95	20	P	P	02 05 25.8	-1.0	DGMT	Dagmar	37.24	345	P	P	02 06 03.6	-0.1				
N48A	Decatur	28.18	9	P	P	02 04 43.5	-1.2			I55A	Frankford	32.98	17	P	P	02 05 25.5	-1.5	F63A	Nadokata, Br	37.27	25	P	P	02 06 03.0	-0.9				
W18A	Petrified Fore	28.20	325	P	P	02 04 47.1	+1.9			PTGA	Pittinga	33.03	112	P	P	02 05 26.2	-1.7	H66A	Whiting	37.30	27	P	P	02 06 03.7	-0.5				
O54A	Avella	28.49	16	P	P	02 04 46.6	-0.9			PTGA	comp=Z,4.5nm,0.8s			Iamb	Iamb	02 05 30.5		LATQ	La Tuque	37.33	20	P	P	02 06 03.2	-1.3				
P57A	Homestead Farm	28.57	20	P	P	02 04 48.0	-0.2			H53A	Bobcaygeon	33.07	15	P	P	02 05 26.5	-1.3	DLMT	Dillon	37.44	334	Iamb	Iamb	02 06 08.7					
M47A	Cromwell	28.59	7	P	P	02 04 47.1	-1.2			RSSD	Black Hills	33.21	342	P	P	02 05 29.8	+0.4	ULM	Lac du Bonnet	37.47	354	P	P	02 06 03.9	-1.6				
S22A	4UR Ranch, Cre	28.75	332	P	P	02 04 51.5	+1.3			RSSD	Black Hills	33.21	342	P	P	02 05 29.9	-0.5	ULM	comp=Z,9.2nm,0.7s,baz=166,slow=9.7,SNR=10			LR	LR	02 24 37.8					
M49A	Liberty Center	28.94	10	P	P	02 04 50.3	-1.2			EDW2	Edwards Air Fo	33.22	316	P	P	02 05 31.7	+2.3	G65A	Princeton	37.52	27	P	P	02 06 05.8	-0.3				
N53A	Lisbon	28.96	15	P	P	02 04 51.4	-0.3			DELO	Deloro Mine	33.28	17	P	P	02 05 27.7	-1.9	LQSO	Lebel-sur-Quev	37.65	14	P	P	02 06 05.8	-1.3				
L40A	Anamosa	29.01	359	P	P	02 04 51.1	-1.0			J59A	Piesco	33.31	21	P	P	02 05 28.6	-1.4	MATQ	Matagami	38.15	13	P	P	02 06 10.2	-1.2				
M50A	Fremont	29.04	11	P	P	02 04 51.7	-0.7			TPNV	Topopah Spring	33.31	320	P	P	02 05 32.7	+2.4	ORV	Oroville	38.18	320	P	P	02 06 14.4	+2.7				
O56A	Blue Knob Stat	29.10	19	P	P	02 04 52.0	-0.9			TPNV	Topopah Spring	33.31	320	Iamb	Iamb	02 05 34.7		ORV	comp=Z,4.1nm,0.9s			Iamb	Iamb	02 06 17.2					
MVCQ	Mesa Verde	29.12	329	P	P	02 04 54.8	+1.4			I58A	Old Forge	33.35	20	P	P	02 05 29.2	-1.1	EGMT	Eagleton	38.53	339	P	P	02 06 15.1	+0.3				
L46A	Eue Claire	29.16	6	P	P	02 04 51.9	-1.5			FURC	Furnace Creek,	33.40	319	P	P	02 05 33.9													

Table with columns for station code, name, time, and status. Includes stations like Pacitan, Warramunga, Karang Pucung, Lembang, Sado Pong, etc.

Table with columns for station code, name, time, and status. Includes stations like WRA Warramunga, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns for station code, name, time, and status. Includes stations like KSH, YAK Yakutsk, YAK Yakutsk, etc.

16d 3h

Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like UDSS, LFU, UTEC, SNET, etc.

2013 OCT

Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like ORTEC, SPBC, MRCG, etc.

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Table with columns: Station, Frequency, Power, Modulation, and Signal Quality. Includes stations like Y52A, Y52A, Y53A, etc.

16d 3h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like DELO Deloro Mine, J60A Lant Hill Farm, MSU Marysvalle, etc.

2013 OCT

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PAGR Antelope Grade, D58A Chemin du LacG, H66A Whiting, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like YKA comp=Z,1.1nm,0.9s, comp=Z,2.9nm,0.7s, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

MAN 16 03:31:08.4,9'86N:123'83E,h27km,mb2.2,ML3.5,MS1.6,2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:31:08.4,9'86N:123'83E.

MAN 16 03:33:01.7,9'51N:123'83E,h34km,mb2.4,ML3.7,MS1.9,1C-2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:33:01.7,9'51N:123'83E.

IS/CJB 16 03:35:12.0e.1.1,21.17S:0.2:178.9W:0.2,h602km,mb4.0/10,Error ellipse: s-maj=26.0km s-min=16.7km az=33.8

IDC 16 03:35:15.1s.1.1,21.17S:0.2:178.9W:0.2,h616km,mb3.4/9,mb1 3.6/9,mb1mx3.3/33,mbtmp4.4/9,Error ellipse: s-maj=45.3km s-min=17.0km az=144.0

ISC 16 03:35:13.2e.1.1,21.17S:0.2:178.9W:0.2,h602km,n15,az=85.8/17,mb4.1/10,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for various stations in the Fiji Islands region.

DSN 16 03:44:11.2.1.8,26.56N:58.51E,h10km,ML3.6/7,Error ellipse: s-maj=33.3km s-min=16.7km az=151.0

OMAN 16 03:44:13.2.2.3,26.67N:58.28E,h7km,m13.4/17,Error ellipse: s-maj=22.4km s-min=16.3km az=24.0

IS/CJB 16 03:44:14.2.0.4,26.63N:0.03:58.12E:0.05,h10km,Error ellipse: s-maj=6.9km s-min=3.8km az=1.0

TEH 16 03:44:14.9,26.82N:57.92E,h10km,ML3.5

THR 16 03:44:15.2,26.84N:57.91E,h14km,ML3.4

ISC 16 03:44:13.8.0.8,26.77N:0.03:58.05E:0.04,h10km,n59,az=205/64,Southern Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for various stations in the Southern Iran region.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

MAN 16 03:49:09.1,9'48N:126.17E,h42km,mb2.7,ML4.0,MS2.3,2C,Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:49:09.1,9'48N:126.17E.

MAN 16 03:54:38.5,9'97N:123'94E,h18km,mb2.9,ML4.1,MS2.5,1C-2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:54:38.5,9'97N:123'94E.

MAN 16 04:01:39.8,9'83N:123'77E,h15km,mb2.8,ML4.0,MS2.4,1C-2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:01:39.8,9'83N:123'77E.

WEL 16 04:02:41.1s.1.5,34'S:35'18'0E:3.7,h371km,4.2km,M4.1/9,mb4.7/4,ML4.2/9,Mw(mb3)3.9/4,Error ellipse: s-maj=0.1km s-min=0.0km az=132.9,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for various stations in the South of Kermadec Islands region.

MAN 16 04:04:19.6,9'88N:123'85E,h21km,mb2.5,ML3.8,MS2.0,2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:04:19.6,9'88N:123'85E.

MAN 16 04:11:10.8,9'95N:124'22E,h2km,mb2.9,ML4.1,MS2.6,4C-2D,Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:11:10.8,9'95N:124'22E.

KRNET 16 03:45:31.1s.0.1,41.73N:79'59E,h6km,mb2.5,6C-2D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for KRNET 16 03:45:31.1s.0.1,41.73N:79'59E.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

MAN 16 03:49:09.1,9'48N:126.17E,h42km,mb2.7,ML4.0,MS2.3,2C,Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:49:09.1,9'48N:126.17E.

MAN 16 03:54:38.5,9'97N:123'94E,h18km,mb2.9,ML4.1,MS2.5,1C-2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 03:54:38.5,9'97N:123'94E.

MAN 16 04:01:39.8,9'83N:123'77E,h15km,mb2.8,ML4.0,MS2.4,1C-2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:01:39.8,9'83N:123'77E.

WEL 16 04:02:41.1s.1.5,34'S:35'18'0E:3.7,h371km,4.2km,M4.1/9,mb4.7/4,ML4.2/9,Mw(mb3)3.9/4,Error ellipse: s-maj=0.1km s-min=0.0km az=132.9,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for various stations in the South of Kermadec Islands region.

MAN 16 04:04:19.6,9'88N:123'85E,h21km,mb2.5,ML3.8,MS2.0,2D,Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:04:19.6,9'88N:123'85E.

MAN 16 04:11:10.8,9'95N:124'22E,h2km,mb2.9,ML4.1,MS2.6,4C-2D,Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:11:10.8,9'95N:124'22E.

MAN 16 04:16:02.1,10.07N:124.20E,h7km,mb2.6,ML3.8,MS2.1,2C-2D,Leyte

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and Time/Res for MAN 16 04:16:02.1,10.07N:124.20E.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KSDI Kefar Szold, BLMJ Bet Lehem HaGe, SLTI Sal'it, etc.

ISCJB 16 07:16:45.9-0.8, 7.13S:0.09x146.1E:0.1, h170km, mb7.7, Error ellipse: s-maj=18.2km s-min=10.2km az=151.7

IDC 16 07:16:47.3-1.7, 7.13S:146.18E, h170km, mb3.3/8, mb1 3.4/10, mb1mx3.3/37, mbtmp3.7/10, MS4.0/1, Ms1 4.0/1, ms1mx2.8/26, Error ellipse: s-maj=21.1km s-min=20.2km az=57.0

ISC 16 07:16:47.2-0.8, 7.15S:0.1, 146.2E:0.2, h170km, n13, +09113, mb3.6/7, Eastern Negros Occidental

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRM Warrungarra Arr, ASAR Alice Springs, etc.

IDC 16 07:17:30.5-1.1, 9.73N:123.94E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.8/42, mbtmp3.9/10, MS3.0/2, Ms1 3.0/2, ms1mx2.5/55, Error ellipse: s-maj=61.5km s-min=19.4km az=63.0

NEIC 16 07:17:32.6-2.0, 9.7N:0.2x123.9E:0.2, h103km, mb4.4/8

ISCJB 16 07:17:33.7-0.5, 9.65N:0.03x123.68E:0.03, h2km, mb3.9/10, MS3.2/1, Error ellipse: s-maj=5.9km s-min=5.1km az=21.3

MAN 16 07:17:33.0, 9.65N:123.64E, h6km, mb3.6, ML4.7, MS3.4

MAN Intensity II - Sibulan Negros Occidental

ISC 16 07:17:33.7-0.9, 9.65N:0.03x123.67E:0.03, h15km, mb3.9, n50, +1513/55, mb4.0/13, 9C, Negros

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, SNPH Sibulan, LLLP Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ZAA1 Zalesovo Array, AAK Ala-Archata, KURK Kurchatov, etc.

SNET 16 07:17:39.5-1.4, 13.57N:91.52W, h8km, mb3.3, GCG 16 07:17:44.8-0.5, 13.87N:91.47W, h20km, mb3.6, MS3.6

ISC 16 07:17:41.5-3.1, 13.87N:91.47W:0.1, h28km, n13, +079/14, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like FUG Fuego 3, STG3 Santiago 3, IKG Ixapac, etc.

BUJ 16 07:31:25.2-0.0, 9.44N:123.86E, h20km, mb4.8/44, mb5.3/30, Ms4.8/14, Ms7 4.5/14

MAN 16 07:31:26.4, 9.60N:123.58E, h0km, mb4.0, ML5.1, MS4.1

ISCJB 16 07:31:28.3-0.4, 9.68N:0.02x123.69E:0.02, h27km, mb3.9, mb4.8/83, MS4.0/26, Error ellipse: s-maj=4.0km s-min=3.0km az=67.6

NEIC 16 07:31:28.3-2.0, 9.64N:0.08x123.76E:0.07, h21km, mb3.9, mb5.0/68

MOS 16 07:31:28.9-1.2, 9.67N:123.69E, h36km, mb5.1/31, Error ellipse: s-maj=10.6km s-min=6.0km az=111.4

GCMT 16 07:31:29.3-0.4, 9.53N:0.04x123.74E:0.03, h16km, mb3.9, MW4.9/66, Moment Tensor Solution, s16:c17, s66:c63

Duration: 0. Moment tensor: Scale 10^16Nm; M1: 9.2E-18; M2: 0.3E-18; M3: 1.5E-14; M4: 1.5E-14; M5: 0.5E-14; M6: 0.5E-14; M7: 0.6E-14; M8: 0.6E-14; M9: 0.6E-14; M10: 0.6E-14

NP1: 40.00000; 0.661.00000; 1.106.00000; NP2: 0.189.00000; 0.833.00000; 1.633.00000; Principal axes: T 2.3650, Plg69.0000, Azm344.0000; N -0.3200, Plg14.0000; Azm212.0000; P -2.0400, Plg15.0000; Azm18.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 16 07:31:33.0-2.5, 9.60N:123.72E, h62km, mb4.2/32, mb1 4.3/24, mb1mx3.7/49, mbtmp4.5/34, ML5.0/2, MS3.8/21, Ms1 3.8/21, ms1mx3.7/39, Error ellipse: s-maj=15.1km s-min=9.7km az=79.0

DJA 16 07:31:37.8-0.0, 10.3N:12.3E, h8km, mb6.4, M4.8/37, MB5.2/7, mb4.7/37, ML5.0/1, Mw(mb)4.6/7

ISC 16 07:31:27.6-0.7, 9.63N:0.02x123.63E:0.03, h15km, mb4.0, n304, +1880/293, mb4.8/102, MS4.1/28, 13C-12D, Negros

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TBP Tagbilaran, SNPH Sibulan, LLLP Lapu-Lapu, etc.

DAV 16 07:33:57.9, comp=Z, 5um, 18.7s, baz=320, slow=47

DAV 16 07:33:57.9, DAV 16 07:33:57.9, SKMP Bagumbayan, Su 3.21 164 eP

BUSP 16 07:33:57.9, BUSP 16 07:33:57.9, BUSP 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

DAV 16 07:33:57.9, DAV 16 07:33:57.9, DAV 16 07:33:57.9

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like QIZ Qiongzong, EDFI Ende, UBPT Hong Chiam, etc.

JAY 16 07:34:25.1, comp=Z, 220nm, 20.6s, baz=343, slow=34

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

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JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

JAY 16 07:34:25.1, JAY 16 07:34:25.1, JAY 16 07:34:25.1

16d 7h

2013 OCT

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LZH, SHILLONG, ASAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PETK, KASHI, NIL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BRTR, EPYK, FINES, etc.

Additional information and notes at the bottom right, including station identifiers and technical parameters like 'IDC 1607:36:08:1.0.5.9:65N-123:74E, h0km, mb4.3/23, ...'

Table of seismic events for 16d 9h, listing stations like HFS Hagfors, NOB NORSTAR Subarra, and various other stations with their respective coordinates and event details.

Table of seismic events for 2013 OCT, including stations like YKA Yellowknife Ar, ATH 16 08:52:14.8, 38.42N, 21.97E, and various other stations with their respective coordinates and event details.

Table of seismic events for 794, including stations like ERTU Ertsjaerv, BURU Burvik, and various other stations with their respective coordinates and event details.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BVCC, BTAM, BREF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PLCA, PASO, 121A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, DZM, DZM, etc.

comp=Z,570nm,1.0s					
OZH	Quanzhou	47.21 313	↑P	P	10 39 29.4 +1.1
OZH			pP	P	10 39 42.0 -1.1
OZH			S	SS	10 46 16.9 -0.4
OZH			sS	SS	10 46 38.3 -4.4
OZH	comp=Z,530nm,0.8s		pmax	pmax	
OZH	comp=Z,12μm,6.4s		LR	LR	
OZH	comp=Z,19μm,20.4s		LR	LR	
OZH	comp=Z,17μm,19.4s		LR	LR	
TPI	Tanjungpandan	47.29 272	P	P	10 39 30.5 +1.3
MCQ	Macquarie Isla	47.99 177	P	P	10 39 35.1 +1.2
MCQ	baz=48,SNR=7.6				
MCQ	Macquarie Isla	47.99 177	P	P	10 39 34.2 +0.3
MCQ			pmax	pmax	
MCQ	comp=Z,1μm,1.3s				
MCQ	Macquarie Isla	47.99 177	P	P	10 39 34.2 +0.3
SKJI	Sukabana	48.09 266	P	P	10 39 35.8 +0.6
SKJI	comp=Z,2μm,1.1s,comp=Z,34μm				
XMAS	Kiritimati	48.26 81	P	Iamb	10 39 37.1 +0.5
XMAS			Iamb	Iamb	10 39 39.5
XMAS	comp=Z,535nm,0.8s		IAMS_20	IAMS_20	10 56 46.7
SBJI	Serang	48.53 268	P	P	10 39 41.1 +2.4
SBJI	comp=Z,397nm,1.0s,comp=Z,10μm				
SBJI	Pangkal Pinang	48.86 273	P	P	10 39 42.4 +1.1
PBBI	Christmas Isla	48.90 262	P	P	10 39 41.9 +0.3
XMIS	Cibinong	48.93 267	P	P	10 39 41.1 -0.8
CGJI					
HKPS	Hong Kong Po S	49.14 307	P	P	10 39 42.6 -0.6
HKPS			Iamb	Iamb	10 39 48.9
SSE	Sheshan	49.39 321	P	S	10 39 45.3 +0.3
SSE			S	S	10 46 49.3 +1.4
SSE	comp=Z,87nm,0.9s		pmax	pmax	
SSE	comp=Z,5μm,11.3s		LR	LR	
SSE	comp=Z,8μm,21.8s		LR	LR	
SSE	comp=Z,9μm,21.5s		LR	LR	
SSE	Sheshan	49.39 321	P	P	10 39 45.1 +0.1
BLSI	Bandar Lampung	49.45 268	P	P	10 39 46.2 +0.3
BLSI	comp=Z,541nm,1.2s,comp=Z,10μm				
ERM	Erimo	49.45 348	eP	P	10 39 47.3 +2.0
ERM			pmax	pmax	
ERM	comp=Z,281nm,1.6s		IAMS_20	IAMS_20	10 56 41.0
ERM	Erimo	49.45 348	IAMS_20	IAMS_20	10 56 41.0
ERM	comp=Z,120μm,22.0s				
MCO	Taipa Grande	49.52 306	P	P	10 39 48.0 +1.8
DLV	T Lat	49.71 292	P	P	10 39 48.6 +0.6
TJN	Taejon	49.87 331	iP	P	10 39 48.5 -0.1
KLSI		50.01 269	P	P	10 39 50.3 +0.2
PMBI	Palemang	50.13 272	P	P	10 39 53.8 +2.8
PMBI	comp=Z,2μm,1.4s,comp=Z,21μm,comp=Z,88μm				
PMBI	Palemang	50.13 272	P	P	10 39 51.8 +0.8
GZH	Guangzhou	50.18 307	P	P	10 39 52.9 +1.7
GZH			PcP	PcP	10 41 11.9 +2.1
GZH			S	SS	10 41 47.8 +0.8
GZH			SS	SS	10 46 59.6 +0.4
GZH	comp=Z,15μm,20.0s		LR	LR	
GZH	comp=Z,58μm,19.8s		LR	LR	
KASI	Kota Agung	50.19 268	P	P	10 39 50.0 -1.4
KASI	comp=Z,1μm,1.2s,comp=Z,16μm,comp=Z,62μm				
KRSR	Korea Array	50.47 332	P	P	10 39 53.2 +0.1
KRSR	comp=Z,158nm,0.6s,comp=Z,147,slow=8.1,SNR=242				
KRSR			LR	LR	11 01 47.4
KRSR	comp=Z,7μm,18.3s,comp=Z,140,slow=36				
KSAR	Wonju Array Be	50.48 332	P	P	10 39 52.3 -0.9
KSAR	Wonju Array Be	50.48 332	P	P	10 39 52.3 -0.9
KS19	Wonju Array Si	50.54 332	P	P	10 39 53.1 -0.5
DSRI	Dabo	50.62 275	P	P	10 39 55.4 +0.7
DSRI	comp=Z,3μm,0.9s,comp=Z,48μm,comp=Z,404μm				
LWLI	Liwa	50.66 269	P	P	10 39 54.8 -0.3
LWLI	comp=Z,690nm,1.0s				
TPRI	Tanjung Pinang	50.87 276	P	P	10 39 58.1 +1.5
TPRI	comp=Z,398nm,1.8s,comp=Z,18μm				
YUK	Yuzh-Kuril'sk	50.95 352	eP	S	10 39 51.9 -4.7
YUK			eS	S	10 47 09.2 +0.1
YUK	comp=E,21μm,20.0s		MLR	MLR	
YUK	comp=Z,33μm,20.0s		MLR	MLR	
YUK	comp=N,43μm,18.0s		MLR	MLR	
QIZ	Qiongzong	51.17 301	P	P	10 39 59.8 +1.1
QIZ			pP	pP	10 40 12.5 -1.1
QIZ			S	S	10 47 14.6 +1.5
QIZ			SS	SS	10 49 45.3 +0.7
QIZ			SS	SS	10 50 46.9 -2.4
QIZ	comp=N,320nm,0.8s		pmax	pmax	
QIZ	comp=N,13μm,14.2s		LR	LR	
QIZ	comp=N,16μm,21.1s		LR	LR	
QIZ	comp=N,32μm,21.1s		LR	LR	
QIZ	comp=N,59μm,31.4s		LR	LR	
QIZ	Qiongzong	51.17 301	P	Iamb	10 39 57.8 -0.9
QIZ			Iamb	Iamb	10 40 04.1
LHSI	comp=Z,543nm,1.0s				
LHSI	Laht	51.28 270	P	P	10 39 59.7 0.0
LHSI	comp=Z,481nm,1.6s,comp=Z,12μm				
JMBI	JAMBI	51.40 273	P	P	10 40 03.7 +3.2
JMBI	comp=Z,3μm,1.4s,comp=Z,31μm				
NJ2	Nanjing	51.50 320	iP	P	10 40 01.9 -1.0
NJ2			pP	pP	10 40 15.8 -0.4
NJ2			sP	sP	10 40 21.8 -1.0
NJ2			S	S	10 47 19.1 +1.9
NJ2			sS	sS	10 47 34.4 -8.5
NJ2	comp=Z,260nm,2.2s		pmax	pmax	
NJ2	comp=Z,14μm,8.2s		LR	LR	
NJ2	comp=Z,33μm,24.2s		LR	LR	
NJ2	comp=Z,30μm,21.8s		LR	LR	
ASAJ	comp=Z,58μm,24.2s				
ASAJ	Asahikawa	51.59 349	P	P	10 40 02.4 +1.0
ASAJ	comp=Z,485nm,0.6s,comp=Z,212,slow=9.9,SNR=82				
MYKOM	Kota Tinggi	51.68 277	P	P	10 40 04.0 +1.3
MYKOM	Kota Tinggi	51.68 277	P	Iamb	10 40 02.5 -0.1
MYKOM			Iamb	Iamb	10 40 07.2
MNAI	Manna	51.80 270	P	P	10 40 07.4 +3.8
MNAI	comp=Z,552nm,1.1s,comp=Z,22μm				
MNAI	Manna	51.80 270	P	Iamb	10 40 01.9 -1.7
MNAI			Iamb	Iamb	10 41 19.0
KUR	Kuril'sk	51.87 354	iP	e	10 40 02.7 -0.7
KUR			e	S	10 42 00.2
KUR			iS	SS	10 47 23.5 +1.7
KUR			eSS	SS	10 50 58.6 -0.8
KUR	comp=Z,12μm,6.6s		pmax	pmax	
KUR	comp=E,319nm,1.6s		pmax	pmax	
KUR	comp=Z,804nm,1.6s		pmax	pmax	
KUR	comp=N,290nm,1.2s				
MASI	Maura Aman, Be	52.62 271	P	P	10 40 10.5 +0.8
MASI	comp=N,900nm,0.7s,comp=N,14μm				
KEKH	Kekaha	52.64 56	P	Iamb	10 40 11.3 +1.6
KEKH			Iamb	Iamb	10 40 13.9
RGRI	Rengat	52.86 274	P	P	10 40 14.1 +2.7
RGRI	comp=Z,775nm,0.6s				
JRMM	Jerantut	53.40 280	P	P	10 40 16.0 +0.6
MSHR	Mys Shuitsea	53.42 338	iP	P	10 40 15.0 0.0
KRJI	Kerinci	53.51 272	P	P	10 40 16.6 +0.3

comp=Z,2μm,0.9s,comp=Z,18μm,comp=Z,44μm					
WHN	Wuhan	53.55 316	↑P	P	10 40 17.0 +0.8
WHN			PcP	PcP	10 41 25.1 +2.8
WHN			PP	PP	10 42 18.3 +0.9
WHN			S	S	10 47 45.8 +0.6
WHN	comp=Z,680nm,1.0s		pmax	pmax	
WHN	comp=Z,14μm,5.7s		LR	LR	
WHN	comp=Z,97μm,26.6s		LR	LR	
WHN	comp=Z,58μm,18.3s		LR	LR	
WHN	comp=Z,165μm,24.8s		LR	LR	
UBPT	Khong Chiam	53.59 294	P	P	10 40 18.9 +2.2
UBPT	comp=Z,153nm,0.8s,comp=Z,7μm				
UBPT	Khong Chiam	53.59 294	P	P	10 40 17.9 +1.2
VLA	Vladivostok	53.63 339	iP	P	10 40 16.7 +0.2
VLA			pmax	pmax	
SDSI	comp=Z,534nm,1.6s				
SDSI	Sungai Dareh	53.68 274	P	P	10 40 17.5 +0.1
SDSI	comp=Z,2μm,1.1s,comp=Z,25μm				
HON	Honolulu	53.78 58	P	pmax	10 40 18.8 +0.8
HON			pmax	pmax	
HON	comp=Z,517nm,1.0s				
HON	Honolulu	53.78 58	P	Iamb	10 40 18.8 +0.8
HON			Iamb	Iamb	10 40 23.1
KIP	Kipapa	53.81 58	eP	P	10 40 20.0 +1.8
KIP			pmax	pmax	
KIP	comp=Z,884nm,1.3s				
KIP	Kipapa	53.81 58	Iamb	Iamb	10 40 19.4 +1.2
KIP			Iamb	Iamb	10 40 22.4
TEY	Ternei	53.87 344	iP	P	10 40 19.2 +1.0
TEY			e	S	10 40 31.7
TEY			eS	S	10 47 52.5 +3.5
TEY	comp=E,30nm,0.5s		pmax	pmax	
TEY	comp=Z,80nm,0.7s		pmax	pmax	
TEY	comp=N,60nm,0.8s		smax	smax	
TEY	comp=E,8μm,13.8s		smax	smax	
OPA	Opapa	53.93 57	P	pmax	10 40 20.6 +1.5
OPA	comp=Z,2μm,1.1s				
OPA	Opapa	53.93 57	P	P	10 40 20.6 +1.5
BKNI	Bangkinang	54.23 275	P	P	10 40 21.9 +0.4
BKNI	comp=Z,2μm,1.0s,comp=Z,26μm,comp=Z,82μm				
BKNI	Bangkinang	54.23 275	eS	P	10 40 21.3 -0.2
BKNI	Yuzh-Sakhalins	54.29 350	iP	P	10 40 22.7 +1.5
YSS			e'SP	pP	10 40 37.7 +1.1
YSS			e	S	10

CNPM	China Poot	78.31	25	P	P	10 42 55.5	+0.8
CNPM	comp=Z,70um,22.0s			IAMS_20	IAMS_20	11 11 30.2	
WMQ	Urumqi	78.43	317	P	P	10 42 56.9	+1.1
WMQ	comp=Z,1.1um,1.9s			IAMB	IAMB	10 43 07.9	+3.1
WMQ	Urumqi	78.43	317	P	P	10 45 53.1	+0.8
WMQ	comp=Z,1.1um,1.9s			IAMB	IAMB	10 52 46.1	-1.3
WMQ	Urumqi	78.43	317	P	P	10 53 04.5	-1.3
WMQ	comp=Z,1.1um,1.9s			IAMB	IAMB	10 57 49.8	-1.9
WMQ	Urumqi	78.43	317	P	P	10 42 56.1	+0.3
WMQ	comp=Z,1.1um,1.9s			IAMB	IAMB	10 42 59.5	
BRLK	Bradley Lake	78.59	25	P	P	10 42 56.8	+0.6
BRLK	comp=Z,397nm,0.8s			IAMS_20	IAMS_20	11 13 47.3	
JBP	Jabalpur	78.86	295f	eP	S	10 42 59.0	+0.5
JBP	comp=Z,1.6um,29.2s			AMS	AMS	10 52 50.1	-2.6
JBP	Jabalpur	78.86	295f	eS	S	10 52 50.1	-2.6
JBP	comp=Z,1.6um,29.2s			AMS	AMS	10 53 31.2	
HYB	Hyderabad	79.07	289	iP	P	10 42 59.0	-0.8
HYB	comp=Z,520nm,1.0s			IAMS_20	IAMS_20	11 13 15.1	
HYB	Hyderabad	79.07	289f	eS	S	10 52 52.0	-3.2
HYB	comp=Z,2um,1.7s			IAMB	IAMB	10 52 59.5	-0.3
HYB	Hyderabad	79.07	289f	iP	P	10 43 12.9	
HYB	comp=Z,2um,1.7s			IAMS_20	IAMS_20	11 13 15.1	
TRD	Trivandrum	79.18	280f	iP	P	10 42 58.8	-1.6
TRD	comp=Z,31um,28.6s			IAMB	IAMB	10 43 05.2	
SEW	Seward	79.38	25	P	P	10 43 00.7	+0.2
SEW	comp=Z,2um,0.3s			IAMB	IAMB	10 43 06.8	
SEW	Seward	79.38	25	P	P	10 43 00.7	+0.2
SEW	comp=Z,418nm,1.0s			IAMS_20	IAMS_20	11 12 25.6	
SKT	Skwentna	79.61	23	P	P	10 43 01.1	-0.7
SUA	Susitna One	79.62	23	P	P	10 43 01.9	-0.1
SUA	comp=Z,527nm,0.7s			IAMS_20	IAMS_20	11 13 03.9	
RC01	Rabbit Creek A	79.81	24	P	P	10 43 03.3	+0.5
RC01	comp=Z,49um,21.0s			IAMS_20	IAMS_20	11 15 59.9	
TIXI	Tiksi	79.84	352	LR	LR	11 15 36.9	
TIXI	comp=Z,56um,20.0s			IAMS_20	IAMS_20	11 15 36.9	
TIXI	Tiksi	79.84	352	P	P	10 43 01.9	-0.9
TIXI	comp=Z,120nm,0.5s			IAMS_20	IAMS_20	11 15 36.9	
TIXI	Purkeypile	79.84	352	P	P	10 43 01.9	-0.9
TIXI	comp=Z,120nm,0.5s			IAMS_20	IAMS_20	11 15 36.9	
RDOG	Red Dog Mine	80.03	15	P	P	10 43 05.5	+1.5
RDOG	comp=Z,1.1um,1.8s			IAMB	IAMB	10 43 08.5	
RDOG	Red Dog Mine	80.03	15	P	P	10 43 05.5	+1.5
RDOG	comp=Z,632nm,1.2s			IAMS_20	IAMS_20	11 14 16.2	
CAST	Castle Rocks	80.26	21	P	P	10 43 05.2	-0.1
CAST	comp=Z,53um,21.0s			IAMB	IAMB	10 43 10.0	
PMR	Palmer	80.33	24	P	P	10 43 06.0	+0.4
PMR	comp=Z,414nm,0.7s			IAMS_20	IAMS_20	11 14 16.2	
PMR	Palmer	80.33	24	P	P	10 43 06.0	+0.4
PMR	comp=Z,349nm,0.7s			IAMS_20	IAMS_20	11 14 16.2	
PMR	Palmer	80.33	24	P	P	10 43 06.0	+0.4
PMR	comp=Z,349nm,0.7s			IAMS_20	IAMS_20	11 12 39.7	
KNK	Knik Glacier	80.50	24	IAMB	IAMB	10 43 12.0	
KNK	comp=Z,52um,22.0s			IAMS_20	IAMS_20	11 16 20.3	
KNK	Knik Glacier	80.50	24	IAMB	IAMB	10 43 11.8	
KNK	comp=Z,556nm,1.2s			IAMS_20	IAMS_20	11 16 20.3	
GHO	Glory Hole Cre	80.51	24	IAMB	IAMB	10 43 11.8	
GHO	comp=Z,79um,20.0s			IAMS_20	IAMS_20	11 13 09.5	
GHO	Glory Hole Cre	80.51	24	IAMB	IAMB	10 43 11.8	
GHO	comp=Z,504nm,0.7s			IAMS_20	IAMS_20	11 13 09.5	
SML	Sawmill	80.77	24	IAMS_20	IAMS_20	11 15 51.3	
SML	comp=Z,53um,22.0s			IAMS_20	IAMS_20	11 15 51.3	
GLI	Glacier Island	80.78	25	IAMB	IAMB	10 43 13.2	
GLI	comp=Z,498nm,0.7s			IAMS_20	IAMS_20	11 14 37.6	
GLI	Glacier Island	80.78	25	IAMB	IAMB	10 43 13.2	
GLI	comp=Z,498nm,0.7s			IAMS_20	IAMS_20	11 14 37.6	
HIN	Hinchinbrook I	80.78	25	IAMB	IAMB	10 43 13.4	
HIN	comp=Z,59um,21.0s			IAMS_20	IAMS_20	11 15 14.6	
HIN	Hinchinbrook I	80.78	25	IAMB	IAMB	10 43 13.4	
HIN	comp=Z,519nm,0.8s			IAMS_20	IAMS_20	11 15 14.6	
TRF	Thorofare Moun	80.93	22	IAMB	IAMB	10 43 14.7	
TRF	comp=Z,320nm,0.7s			IAMS_20	IAMS_20	11 15 14.6	
FID	Port Fidalgo	80.97	25	IAMB	IAMB	10 43 14.1	
FID	comp=Z,575nm,1.0s			IAMS_20	IAMS_20	11 15 32.1	
FID	Port Fidalgo	80.97	25	IAMB	IAMB	10 43 14.1	
FID	comp=Z,575nm,1.0s			IAMS_20	IAMS_20	11 15 32.1	
EYAK	Cordova Ski Ar	81.18	25	IAMS_20	IAMS_20	11 18 57.2	
EYAK	comp=Z,64um,21.0s			IAMS_20	IAMS_20	11 18 57.2	
EYAK	Cordova Ski Ar	81.18	25	IAMS_20	IAMS_20	11 18 57.2	
EYAK	comp=Z,45um,20.0s			IAMS_20	IAMS_20	11 18 57.2	
SCM	Sheep Creek Mo	81.19	24	IAMB	IAMB	10 43 15.8	
SCM	comp=Z,511nm,0.8s			IAMS_20	IAMS_20	11 17 11.3	
SCM	Sheep Creek Mo	81.19	24	IAMB	IAMB	10 43 15.8	
SCM	comp=Z,511nm,0.8s			IAMS_20	IAMS_20	11 17 11.3	
BHPL	Bhopal	81.19	295f	iP	P	10 43 10.3	-0.8
IMAR	Indian Mountai	81.25	19	P	P	10 43 10.8	+0.3
IMAR	comp=Z,45um,20.0s			IAMS_20	IAMS_20	11 14 37.6	
IMAR	Reindeer	81.44	22	IAMB	IAMB	10 43 16.2	
IMAR	comp=Z,408nm,0.7s			IAMS_20	IAMS_20	11 15 32.1	
ZSN	Zaisan	81.53	320f	iP	P	10 43 11.5	-1.0
ZSN	comp=Z,2um,5.2s			IAMS_20	IAMS_20	11 15 32.1	
ZSN	Zaisan	81.53	320f	eS	S	10 53 16.7	-3.2
ZSN	comp=Z,628nm,6.6s			IAMS_20	IAMS_20	11 15 32.1	
ZSN	Zaisan	81.53	320f	iP	P	10 43 11.4	-1.0
ZSN	comp=Z,628nm,6.6s			IAMS_20	IAMS_20	11 15 32.1	
ZSN	Zaisan	81.53	320f	eS	S	10 53 16.6	-3.2
ZSN	comp=Z,628nm,6.6s			IAMS_20	IAMS_20	11 15 32.1	
RAGM	Ragged Mountai	81.56	26	IAMB	IAMB	10 43 16.5	
RAGM	comp=Z,412nm,1.1s			IAMS_20	IAMS_20	11 17 48.3	
RAGM	Ragged Mountai	81.56	26	IAMB	IAMB	10 43 16.5	
RAGM	comp=Z,412nm,1.1s			IAMS_20	IAMS_20	11 17 48.3	
BWN	Browne	81.64	21	P	P	10 43 12.8	+0.2
BWN	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 14 37.6	
BWN	Browne	81.64	21	P	P	10 43 12.8	+0.2
BWN	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 14 37.6	
HMT	Hamilton	81.72	26	P	P	10 43 13.8	+0.7
HMT	comp=Z,267nm,0.7s			IAMS_20	IAMS_20	11 17 42.4	
HMT	Hamilton	81.72	26	P	P	10 43 13.8	+0.7
HMT	comp=Z,267nm,0.7s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 16.6	+2.2
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 16.6	+2.2
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	iP	P	10 43 15.1	+0.7
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.8	+0.4
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11 17 42.4	
DGAR	Diego Garcia	81.79	263	P	P	10 43 14.4	+0.8
DGAR	comp=Z,47um,20.0s			IAMS_20	IAMS_20	11	

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SZCU, WALA, BDU, DUG, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MSEY, PV22, ARU, etc.

16d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like RSSD, RSD, WHFO, etc.

16d 10h

GO10	Punta Arenas	109.03 153	IAMs_20	IAMs_20	11 28 39.5
ARCOS	ARCESS Array B	109.09 343	Pdif	Pdif	10 45 21.3 +1.4
ARCES	comp-Z, 3.1nm, 0.7s, baz=49, slow=4.4, SNR=25	PKIKP	PKIKP	10 49 24.4 +0.6	
ARCES	comp-Z, 1.1nm, 0.6s, baz=78, slow=1.9, SNR=17	PKKPbc	PKKPbc	11 00 28.7 -5.0	
ARCES	comp-Z, 4.5nm, 0.5s, baz=224, slow=3.0, SNR=9.4	PKKPab	PKKPab	11 00 42.7 -0.9	
AREO	ARCESS Array S	109.09 343	ePdif	Pdif	10 45 20.1 +0.2
AREO	comp-Z, 2.5nm, 0.9s, baz=242, slow=2.6, SNR=12	eP	PP	10 49 52.1 -0.2	
AREO	comp-Z, 2.5nm, 0.9s, baz=242, slow=2.6, SNR=12	eP	SKSac	10 55 55.9 +1.4	
AREO	comp-Z, 2.5nm, 0.9s, baz=242, slow=2.6, SNR=12	eP	SS	10 59 15.4 +3.7	
AREO	comp-Z, 2.5nm, 0.9s, baz=242, slow=2.6, SNR=12	eP	eSS	11 05 09.4 +2.3	
AREO	comp-Z, 2.5nm, 0.9s, baz=242, slow=2.6, SNR=12	eP	IVMs_BB	11 32 39.0	
LEONARD	Leonard	109.35 54	Pdif	Pdif	10 45 23.9 +2.1
TUL1	Leonard	109.35 54	IAMs_20	IAMs_20	11 28 54.0
VRH	Novokhopryorsk	109.50 322	eP	Pdif	10 45 22.8 +0.7
VRH	comp-Z, 5.7um, 21.0s	eP	PS	10 59 10.2 -1.4	
VRH	comp-Z, 10.0nm, 0.4s	eP	pmax	11 00 25.3	
VRH	comp-Z, 2.6um, 25.0s	eP	MLR	11 00 25.3	
GNI	Garni	109.59 310	PKKPbc	PKKPbc	11 00 29.5 -1.9
DAG	Danmarks Havn	109.66 358	iP	Pdif	10 45 21.0 -1.3
DAG	comp-Z, 4.0nm, 0.8s	iP	pmax	10 45 21.0 -1.3	
DAG	Danmarks Havn	109.66 358	iP	PKIKP	10 49 24.7 0.0
DAG	Danmarks Havn	109.66 358	iP	PKKPbc	11 00 26.0 -5.9
ZEI	Tsey	109.80 313	eP	Pdif	10 45 23.6 -0.3
TASB	TASBURUN-IGDIR	10.00 310	eP	PP	10 49 44.7 -1.5
KTK1	Kautokoino	110.05 343	eP	Pdif	10 45 24.2 0.0
KTK1	comp-Z, 4.1um, 21.0s	eP	PP	10 49 56.9 -2.4	
KTK1	comp-Z, 4.1um, 21.0s	eP	eSS	10 59 25.0 +3.7	
SPMN	Marine on St.	110.18 44	Pdif	Pdif	10 45 26.1 +0.9
SPMN	Marine on St.	110.18 44	IAMs_20	IAMs_20	11 30 24.9
KBZ	Khabaz	110.36 314	PKIKP	PKIKP	10 49 27.5 +0.7
KBZ	comp-Z, 8.0nm, 0.8s, baz=61, slow=3.9, SNR=5.2	PKKPbc	PKKPbc	11 00 28.1 -0.6	
RAYN	Ar Rayn	110.39 293	iP	PKIKP	10 49 27.9 +0.3
RAYN	Ar Rayn	110.39 293	Pdif	Pdif	10 45 25.7 -1.1
RAYN	Ar Rayn	110.39 293	MLR	MLR	10 45 25.7 -1.1
RAYN	Ar Rayn	110.39 293	Pdif	Pdif	10 45 25.7 -1.1
KIV	Kislovodsk	110.46 314	eP	Pdif	10 45 25.9 -0.8
KIV	comp-Z, 3.8nm, 1.0s	eP	MLR	10 49 26.8	
KIV	comp-Z, 3.8nm, 1.0s	eP	e	10 50 02.2	
KIV	comp-Z, 3.8nm, 1.0s	eP	eSS	10 55 59.6	
KIV	comp-Z, 3.8nm, 1.0s	eP	eSS	10 59 32.8 -5.6	
KIV	comp-Z, 3.8nm, 1.0s	eP	pmax	11 05 26.5 -0.9	
EYMN	Ely	110.47 41	Pdif	Pdif	10 45 26.7 +0.1
SCIA	State Center	110.50 48	Pdif	Pdif	10 45 27.6 +0.7
MOS	Moscow	110.52 328	eP	Pdif	10 45 25.0 -1.5
MOS	comp-Z, 2.1um, 21.0s	eP	MLR	10 49 26.7	
MOS	comp-Z, 2.1um, 21.0s	eP	MLR	10 50 00.8	
NATX	Nacogdoches	110.70 59	Pdif	Pdif	10 45 28.8 +1.0
NATX	Nacogdoches	110.70 59	IAMs_20	IAMs_20	11 27 54.1
E38A	The Farm, Brul	110.74 43	Pdif	Pdif	10 45 27.4 -0.3
E38A	The Farm, Brul	110.74 43	IAMs_20	IAMs_20	11 32 05.6
LPSR	Galich'ya Gora	110.78 324	eP	Pdif	10 45 27.0 -0.8
LPSR	comp-Z, 3.4um, 20.0s	eP	pmax	10 49 26.3	
LPSR	comp-Z, 3.4um, 20.0s	eP	pmax	10 50 02.2	
LPSR	comp-Z, 10.0nm, 0.6s	eP	MLR	10 49 26.3	
HHAR	Hobbs	110.80 54	IAMs_20	IAMs_20	11 31 59.2
TRO	Tromso	110.82 345	ePdif	Pdif	10 45 29.0 +1.5
TRO	comp-Z, 3.6um, 20.0s	eP	PP	10 50 07.7 +0.9	
TRO	comp-Z, 3.6um, 20.0s	eP	eSS	10 59 36.8 +0.6	
TRO	comp-Z, 3.6um, 20.0s	eP	IVMs_BB	11 35 07.9	
VSR	Storozhevoje	111.05 323	eP	Pdif	10 45 28.0 -1.0
VSR	comp-Z, 1.0nm, 1.7s	eP	PS	10 49 26.1	
VSR	comp-Z, 1.0nm, 1.7s	eP	pmax	10 50 04.1	
VSR	comp-Z, 1.0nm, 1.7s	eP	PS	10 59 24.5 -1.5	
W39A	Magazine	111.06 55	Pdif	Pdif	10 45 30.8 +1.4
CMIG	Matias Romero	111.11 74	PKIKP	PKIKP	10 49 29.3 +0.3
CMIG	comp-Z, 1.0nm, 0.7s, baz=65, slow=2.7, SNR=14	PKKPbc	PKKPbc	11 00 25.0 -0.6	
AKDM	Akdamar-Van	111.21 309	eP	PKIKP	10 49 29.0 +0.1
G39A	Holcombe	111.30 44	Pdif	Pdif	10 45 30.2 -0.1
OBN	Obninsk	111.30 327	PKIKP	PKIKP	10 49 28.3 0.0
OBN	comp-Z, 5.7nm, 1.2s	PKIKP	PKIKP	10 50 08.1	
OBN	comp-Z, 5.7nm, 1.2s	PKIKP	PKIKP	10 56 01.7	
MIAR	Mount Ida	111.31 56	Pdif	Pdif	10 45 32.4 +1.9
MIAR	Mount Ida	111.31 56	IAMs_20	IAMs_20	11 32 43.9
SENK	Senkaya-Erzuru	111.33 311	eP	PKIKP	10 49 31.3 +2.2
U40A	Yellville	111.65 54	Pdif	Pdif	10 45 33.2 +1.1
U40A	Yellville	111.65 54	IAMs_20	IAMs_20	11 34 26.0
WLAR	White Oak Lake	111.79 56	IAMs_20	IAMs_20	11 30 06.9
GURO	Guroymak-BITLI	111.91 309	eP	PKIKP	10 49 30.9 +0.7
X40A	Basin Creek Fa	111.92 56	Pdif	Pdif	10 45 35.3 +2.0
X40A	Basin Creek Fa	111.92 56	IAMs_20	IAMs_20	11 33 22.2
L40A	Anamosa	111.94 47	Pdif	Pdif	10 45 33.8 +0.6
L40A	Anamosa	111.94 47	IAMs_20	IAMs_20	11 31 43.7
G40A	Rib Lake	111.97 44	Pdif	Pdif	10 45 33.3 0.0
G40A	Rib Lake	111.97 44	IAMs_20	IAMs_20	11 33 20.1
M40A	Mountain Grove	112.00 53	IAMs_20	IAMs_20	11 34 08.8
FCAR	Ozark Folk Cen	112.31 54	IAMs_20	IAMs_20	11 31 36.2
W41B	Gary Mavity, V	112.31 55	Pdif	Pdif	10 45 36.4 +1.5
W41B	Gary Mavity, V	112.31 55	IAMs_20	IAMs_20	11 31 45.4
JFWS	Jewell Farm	112.46 46	Pdif	Pdif	10 45 34.9 -0.6
JFWS	Jewell Farm	112.46 46	IAMs_20	IAMs_20	11 32 38.3
N41A	Harden Midland	112.47 49	Pdif	Pdif	10 45 36.3 +0.7
N41A	Harden Midland	112.47 49	IAMs_20	IAMs_20	11 30 46.1
I41A	Arkdale	112.48 45	Pdif	Pdif	10 45 35.0 -0.5

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141A	Arkdale	112.48 45	IAMs_20	IAMs_20	11 31 54.8
D41A	Chassel	112.62 42	Pdif	Pdif	10 45 36.3 +0.2
SVAN	Silvan-Diyarba	112.62 309	eP	PKIKP	10 49 32.9 +1.5
SOC	Sochi	112.64 315	eP	Pdif	10 45 29.3 -7.0
SOC	comp-Z, 2.5nm, 0.7s	eSS	SS	10 49 30.5	
SOC	comp-Z, 2.5nm, 0.7s	eSS	pmax	11 05 54.1 -2.1	
SOC	comp-Z, 2.0um, 22.0s	MLR	MLR	10 45 36.6 +0.2	
CCM	Cathedral Cave	112.66 52	Pdif	Pdif	10 45 36.6 +0.2
CCAR	Cane Creek	112.87 56	IAMs_20	IAMs_20	11 35 32.4
BNGB	Bingli	112.88 310	eP	PKIKP	10 49 33.1 +1.1
ATD	Arta Tunnel	112.89 280	eP	PKKPbc	11 00 21.5 +1.8
STEI	Steigen	112.97 345	eP	PKIKP	10 49 32.1 +1.1
STEI	comp-Z, 1.2um, 24.9s	eP	PP	10 50 20.0 -0.1	
STEI	comp-Z, 1.2um, 24.9s	eP	PP	10 59 51.3 +3.3	
STEI	comp-Z, 1.2um, 24.9s	eP	eSS	11 06 02.6 +3.8	
STEI	comp-Z, 1.2um, 24.9s	eP	IVMs_BB	11 38 15.7	
LCAR	Lake Charles	113.06 54	IAMs_20	IAMs_20	11 32 49.1
I42A	Dräger Farm,	113.19 45	Pdif	Pdif	10 45 38.5 -0.1
I42A	Dräger Farm,	113.19 45	IAMs_20	IAMs_20	11 33 27.6
F42A	Maple Grove Fa	113.25 43	Pdif	Pdif	10 45 39.0 +0.1
LOF	Lofoten	113.26 345	ePdif	Pdif	10 45 39.4 +1.0
LOF	comp-Z, 4.7um, 21.0s	eP	PP	10 50 20.6 -1.6	
LOF	comp-Z, 4.7um, 21.0s	eP	SS	10 59 51.5 +0.8	
LOF	comp-Z, 4.7um, 21.0s	eP	eSS	11 06 07.1 +4.4	
LOF	comp-Z, 4.7um, 21.0s	eP	IVMs_BB	11 34 33.3	
MAZI	Mazidag	113.33 308	eP	PKIKP	10 49 32.9 0.0
FINES	FINESS Array B	113.46 336	Pdif	Pdif	10 45 38.1 -1.3
FINES	comp-Z, 3.3nm, 0.4s, baz=72, slow=4.7, SNR=25	PKIKP	PKIKP	10 49 32.3 +0.1	
FINES	comp-Z, 5.7nm, 0.4s, baz=78, slow=2.7, SNR=9.6	PKKPbc	PKKPbc	11 00 16.4 -2.6	
SUMG	Summit	113.46 0.6s, baz=214, slow=2.2, SNR=3.4	PKIKP	PKIKP	10 49 33.2 +0.7
SUMG	Summit	113.46 4	eP	PKIKP	10 50 21.2
SUMG	comp-Z, 6.7nm, 1.1s	iP	pmax	10 49 33.2 +0.7	
SUMG	Summit	113.46 4	iP	PKKPbc	10 50 21.2
SUMG	Summit	113.46 4	IAMs_20	IAMs_20	11 35 45.0
SUMG	Summit	113.46 4	IAMs_20	IAMs_20	11 35 45.0
X43A	Marvell	113.51 55	Pdif	Pdif	10 45 41.6 +1.3
X43A	Marvell	113.51 55	IAMs_20	IAMs_20	11 34 01.4
PBMO	Poplar Bluff	113.52 53	IAMs_20	IAMs_20	11 32 45.9
HDIL	Hopedale	113.67 49	Pdif	Pdif	10 45 41.5 +0.6
HDIL	Hopedale	113.67 49	IAMs_20	IAMs_20	11 34 30.7
P43A	Skaggs, Pawnee	113.69 50	Pdif	Pdif	10 45 42.2 +1.3
CCIG	Comitan	113.74 75	IAMs_20	IAMs_20	11 26 50.0
H43A	Windswept, Lux	113.84 44	Pdif	Pdif	10 45 41.1 -0.4
H43A	Windswept, Lux	113.84 44	IAMs_20	IAMs_20	11 32 28.7
H43A	Lone Tree Farm	113.85 42	Pdif	Pdif	10 45 42.0 +0.4
K43A	Burlington	113.89 46	PKIKP	PKIKP	10 49 32.8 -0.8
K43A	Burlington	113.89 46	IAMs_20	IAMs_20	11 34 44.9
ANN	Anapa	113.94 316	eP	Pdif	10 45 38.0 -3.9
ANN	comp-Z, 6.0nm, 1.1s	eP	pmax	10 45 38.0 -3.9	
GNAR	Gosnell	113.98 54	IAMs_20	IAMs_20	11 33 46.6
HDBT	Hernando Brdge	114.08 54	IAMs_20	IAMs_20	11 32 28.4
VBMS	Vicksburg	114.14 58	Pdif	Pdif	10 45 44.2 +2.0
VBMS	Vicksburg	114.14 58	IAMs_20	IAMs_20	11 30 46.3
PVMO	Portageville	114.16 53	IAMs_20	IAMs_20	11 32 45.5
MET	Memphis-Engin	114.19 54	IAMs_20	IAMs_20	11 32 53.2
S44A	Carbondale	114.27 52	Pdif	Pdif	10 45 44.2 +0.5
L44A	Lake County Fo	114.31 47	Pdif	Pdif	10 45 43.8 +0.1
O44A	Manfield	114.37 49	Pdif	Pdif	10 45 43.5 -0.5
O44A	Manfield	114.37 49	IAMs_20	IAMs_20	11 32 26.3
M44A	Midewin, Midew	114.41 47	Pdif	Pdif	10 45 44.4 +0.5
M44A	Midewin, Midew	114.41 47	IAMs_20	IAMs_20	11 36 36.1
MOR8	Moi Rana	114.46 344	ePdif	Pdif	10 45 47.0 +3.1
MOR8	comp-Z, 4.9um, 22.0s	eP	PKP	10 49 34.1 0.0	
MOR8	comp-Z, 4.9um, 22.0s	eP	PKP	10 50 30.8 0.0	
MOR8	comp-Z, 4.9um, 22.0s	eP	PKSdf	10 53 09.9 -0.5	
MOR8	comp-Z, 4.9um, 22.0s	eP	IVMs_BB	11 34 11.6	
E44A	Grand Marais A	114.48 41	Pdif	Pdif	10 45 45.4 +1.1
KONS	Konsvik	114.58 344	eP	PKP	10 49 34.7 +0.5
URFA	Urfa	114.61 308	eP	PKIKP	10 49 35.3 0.0
OXF	Oxford	114.72 55	Pdif	Pdif	10 45 46.4 +0.7
OXF	Oxford	114.72 55	IAMs_20	IAMs_20	

Table with columns for location, time, and status. Includes entries like J48A Bridge Port, LRAL Lakeview Retre, E48A Lockeyer, etc.

Table with columns for location, time, and status. Includes entries like YAYX Yaylak, WALO Wala, WALS Ashfield, etc.

Table with columns for location, time, and status. Includes entries like HRFI Mount Harif, F52A Sundridge, AOBJ Agaba, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Q53A Leroy, E53A Dumoine, ERPA Erie, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 155A Kite, KONO Kongsberg, BURAR Bucovina Array, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SLVT Siliwri, X56A White Oak, U56A King, etc.

16d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like J61A Chester, JAVC Velka Javorina, U61A Possum Corner, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CLL comp=Z,62nm,1.8s, CLL comp=Z,72nm,1.7s, CLL comp=Z,23um,21.0s, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KHC Kasperske Hory, AGG Agios Georgios, G62A West of Eustis, etc.

TRI	Trieste	128.51	326	ePKP	10 50 01.2	-0.4
ABTA	Abfaltersbach	128.55	328	ePKP	10 50 01.0	-0.8
ABTA	comp=Z.32nm,1.3s			SKKPbc	11 03 07.4	-3.5
WATA	Walderaim	128.66	329	ePKIKP	10 50 01.6	-0.5
WTTA	Wattenberg	128.68	329	ePKIKP	10 50 01.3	-0.8
WTTA	comp=Z.199nm,1.5s,SNR=30			SKKPbc	11 03 06.3	-4.2
WTTA	comp=Z.36nm,1.6s			SKKPbc	10 50 02.5	-0.3
SCTE	Santa Cesarea	128.68	317	PKIKP	10 50 02.5	-0.3
STAL	STALIGAL	128.75	327	IAMS_20	10 50 13.3	
YOTC	Yotoco, Valle	128.86	90	eP	10 50 02.7	-0.7
YOTC	Yotoco, Valle	128.86	90	eP	10 50 02.7	-0.7
STU	Stuttgart	128.87	331	PKIKP	10 50 02.4	+0.2
STU	Stuttgart	128.87	331	PKIKP	10 50 02.4	+0.2
HGN	Heimansgroeve	128.88	335	ePKP	10 50 02.3	+0.2
MOTA	Moosalm	128.90	329	ePKIKP	10 50 02.2	-0.3
MOTA	SNR=18					
MOTA	Sankt Quirin	128.92	329	eSKKPbc	11 03 04.3	-5.4
SOTA	comp=Z.64nm,0.9s,SNR=18			eSKKPbc	10 50 02.4	-0.1
SOTA	comp=Z.194nm,2.0s			eSKKPbc	11 03 04.6	-5.0
PB11	comp=Z.27nm,1.1s					
RETA	IPOC Station P	128.94	122	PKP	10 50 03.5	+0.1
RETA	Reutte	128.98	329	ePKIKP	10 50 02.2	-0.4
RETA	comp=Z.27nm,1.0s,SNR=7.5					
RETA	comp=Z.27nm,1.0s,SNR=7.5			SKKPbc	11 03 05.0	-4.3
PLMC	San Jos del P	129.00	89	eP	10 50 02.6	-0.9
PLMC	San Jos del P	129.00	89	eP	10 50 02.6	-0.9
HPK	Haverah Park	129.00	342	eP	10 50 02.5	+0.3
HPK	comp=Z.548nm,1.9s			Iamb	10 50 05.0	
MMMC	Minnye Minnye	129.26	121	PKP	10 50 03.8	-0.4
HAL	Halifax	129.29	35	PKIKP	10 50 03.5	-0.3
HAL	Halifax	129.29	35	PKIKP	10 50 03.5	-0.3
FLOC	Florenca	129.30	93	eP	10 50 04.2	+0.2
FLOC	Florenca	129.30	93	eP	10 50 04.2	+0.2
FLOA	Feichten	129.30	329	ePKIKP	10 50 03.1	-0.2
FLOA	comp=Z.52nm,0.9s,SNR=21					
FETA	comp=Z.23nm,1.5s			SKKPbc	11 03 03.5	-4.8
WACR	West Acea	129.33	340	eP	10 50 02.1	-0.8
CBOC	Ciudad Bolivar	129.33	88	eP	10 50 04.3	-0.0
CBOC	Ciudad Bolivar	129.33	88	eP	10 50 04.3	-0.0
DRLN	Deer Lake	129.34	27	PKP	10 50 03.4	+0.3
GO01	Chuzmiza	129.37	122	PKP	10 50 04.8	+0.2
CTI	Castel Tesino	129.45	327	PKIKP	10 50 03.8	+0.2
CTI	Castel Tesino	129.45	327	PKIKP	10 50 03.8	+0.2
CTI	comp=Z.30um,22.0s			IAMS_20	11 49 19.0	
LBWR	Ladybowser, Pea	129.51	342	eP	10 50 03.2	-0.1
LBWR	comp=Z.293nm,1.6s			Iamb	10 50 06.0	
DAVA	Damuels	129.56	330	ePKIKP	10 50 03.6	-0.2
DAVA	comp=Z.51nm,0.8s,SNR=13					
DAVA	comp=Z.44nm,1.3s			SKKPbc	11 03 02.4	-5.0
MATE	Matera	129.56	319	PKIKP	10 50 05.3	+0.9
BFO	Black Forest	129.59	332	PKIKP	10 50 05.3	+0.9
BFO	Black Forest	129.59	332	PKIKP	11 51 43.2	
BFO	comp=Z.20um,20.0s			IAMS_20	11 51 43.2	
SGRT	San Giovanni	129.60	321	PKP	10 50 03.9	-0.0
WLF	Walfengard	129.61	334	IAMS_20	11 47 39.6	
BETC	Betania	129.63	92	eP	10 50 06.4	+0.9
BETC	Betania	129.63	92	eP	10 50 06.4	+0.9
WIN	Windhoek	129.67	234	PKIKP	10 50 06.2	+0.6
WIN	Windhoek	129.67	234	PKIKP	10 50 06.2	+0.6
WIN	Windhoek	129.67	234	PKIKP	11 39 53.0	
HEL	comp=Z.24um,21.0s					
HEL	Santa Helena	129.83	87	eP	10 50 05.2	-0.3
HEL	Santa Helena	129.83	87	eP	10 50 05.2	-0.3
ANIL	Santa Ana	129.84	90	eP	10 50 05.2	-0.3
ANIL	Santa Ana	129.84	90	eP	10 50 05.2	-0.3
TEOL	Teolo	129.88	327	PKP	10 50 03.6	-0.6
DAVOX	Davos/Dischmat	129.90	329	PKIKP	10 49 52.4	
DAVOX	comp=Z.7.9nm,0.7s,baz=47,slo=6.5,SNR=10			PKP	10 50 03.9	-0.6
DAVOX	comp=Z.22nm,0.6s,baz=219,slo=4.2,SNR=22			PKP	10 50 04.6	-0.6
UREC	San Jos de Ur	129.90	85	eP	10 50 04.6	-0.6
UREC	San Jos de Ur	129.90	85	eP	10 50 04.6	-0.6
UREC	San Jos de Ur	129.90	85	eP	10 50 06.1	+0.1
RRECF	El Recreo	129.93	89	eP	10 50 05.9	+0.2
TOLF	Tolima	129.93	89	eP	10 50 05.9	+0.2
TOLF	Tolima	129.93	89	eP	10 50 05.9	+0.2
GU2C	Guayana, Caldas	129.93	89	eP	10 50 05.4	-0.5
GU2C	Guayana, Caldas	129.93	89	eP	10 50 05.4	-0.5
ORTO	Ortega, Tolima	129.95	90	eP	10 50 04.6	-0.7
ORTO	Ortega, Tolima	129.95	90	eP	10 50 04.6	-0.7
PTLC	Puerto Leguiza	129.96	95	eP	10 50 04.9	-0.5
PTLC	Puerto Leguiza	129.96	95	eP	10 50 04.9	-0.5
ACER	Acerenza	129.98	319	PKIKP	10 50 05.3	-0.1
SWIE	Myndid Eilian	130.29	333	PKIKP	10 50 06.1	-1.7
TIP	Timpagrande	130.27	317	PKIKP	10 50 06.6	+0.5
TIP	Timpagrande	130.27	317	PKIKP	11 50 34.5	
PRAC	Prado	130.29	91	eP	10 50 05.9	-0.1
PRAC	Prado	130.29	91	eP	10 50 05.9	-0.1
PRAC	San Jacinto, C	130.29	89	eP	10 50 06.1	+0.2
SJCC	San Jacinto, C	130.29	83	eP	10 50 06.1	+0.2
TUE	Stuetta	130.28	329	PKP	10 50 05.5	+0.1
TUE	comp=Z.21um,20.0s			IAMS_20	11 51 50.2	
WLF1	Llynfaes	130.34	344	eP	10 50 04.6	-0.3
WLF1	comp=Z.1um,2.1s			Iamb	10 50 07.6	
NORC	Norcasia	130.45	88	eP	10 50 04.9	-1.4
NORC	Norcasia	130.45	88	eP	10 50 04.9	-1.4
ELSH	Eliham, Standar	130.45	339	ePKP	10 50 05.5	-0.4
ELSH	comp=Z.218nm,1.1s			Iamb	10 50 06.1	
ZARC	Zaragoza, Cauc	130.56	86	eP	10 50 05.5	-1.0
ZARC	Zaragoza, Cauc	130.56	86	eP	10 50 05.5	-1.0
NRCA	Norcia	130.62	326	PKP	10 50 05.1	+0.2
HLM1	Long Mynd	130.63	342	eP	10 50 04.8	-0.6
HLM1	comp=Z.376nm,1.8s			Iamb	10 50 09.3	
MURB	Monte Urbino	130.69	324	IAMS_20	11 51 13.0	
MURB	comp=Z.24um,22.0s			IAMS_20	11 51 13.0	
AQU	L'Aquila	130.71	323	PKIKP	10 50 05.5	-0.5
AQU	L'Aquila	130.71	323	PKIKP	10 50 05.5	-0.5
AQU	L'Aquila	130.71	323	PKIKP	10 50 05.5	-0.5
TSUM	Tsumeb	130.88	238	PKIKP	10 49 51.4	
TSUM	comp=Z.3.7nm,0.6s,baz=357,slo=2.3,SNR=4.4			PKP	10 50 07.4	+0.4
TSUM	comp=Z.49nm,0.8s,baz=115,slo=2.0,SNR=31			PKP	10 50 07.4	+0.4
TSUM	comp=Z.79nm,1.0s,baz=100,slo=4.3,SNR=19			SKPbc	10 53 29.1	+2.4
TSUM	Tsumeb	130.88	238	PKP	10 50 06.7	-0.4
TSUM	Tsumeb	130.88	238	PKP	11 42 26.1	
PTBC	PUERTO BERRIO	130.91	87	eP	10 50 05.4	-1.7
PTBC	PUERTO BERRIO	130.91	87	eP	10 50 05.4	-1.7
ROSC	El Rosal	131.02	89	PKP	10 50 07.7	+0.1
ROSC	comp=Z.153nm,0.5s,baz=335,slo=1.3,SNR=29			SKPbc	10 53 27.9	+0.1
ROSC	comp=Z.153nm,0.5s,baz=335,slo=1.3,SNR=29			SKPbc	10 53 27.9	+0.1
ROSC	comp=Z.100nm,1.1s,baz=264,slo=4.4,SNR=6.2			PKP	10 50 08.2	-0.3
PRMA	PARMA	131.00	327	IAMS_20	11 51 23.9	
PRMA	comp=Z.23um,20.0s			IAMS_20	11 51 23.9	
STRD	Stroud	131.05	341	eP	10 50 05.6	-0.7
MCHI	Michaelchurch	131.12	342	eP	10 50 05.9	-5.4
MCHI	comp=Z.1um,2.7s			Iamb	10 50 06.6	
MACC	Macarena, Meta	131.15	93	eP	10 50 05.3	-2.3
MACC	Macarena, Meta	131.15	93	eP	10 50 05.3	-2.3
SWN1	Swindon	131.16	341	eP	10 50 06.5	+0.1
MORC	Monthouth	131.19	342	eP	10 50 08.1	+0.6
ARGC	Ariguan, Magd	131.21	83	eP	10 50 08.1	+0.6
ARGC	Ariguan, Magd	131.21	83	eP	10 50 08.1	+0.6
SPBC	San Pablo de B	131.25	88	eP	10 50 07.1	-0.7
SPBC	San Pablo de B	131.25	88	eP	10 50 07.1	-0.7
OLDE	Oldbury-Upon-S	131.27	342	eP	10 50 06.5	-0.2
OLDE	Oldbury-Upon-S	131.27	342	eP	10 50 06.5	-0.2
VLC	Villacollemand	131.35	326	IAMS_20	11 49 25.2	
VLC	comp=Z.23um,22.0s			IAMS_20	11 49 25.2	
SMLC	San Martin de	131.37	84	eP	10 50 06.9	-1.1

SMLC	San Martin de	131.37	84	eP	10 50 06.9	-1.1
LATE	Laterza	131.50	324	PKP	10 50 07.1	-0.3
CHIC	Chingaza	131.51	90	eP	10 50 07.7	-1.1
CHIC	Chingaza	131.51	90	eP	10 50 07.7	-1.1
BHRC	Barranca, Sant	131.68	86	eP	10 50 07.7	-0.8
BHRC	Barranca, Sant	131.68	86	eP	10 50 07.7	-0.8
MSSA	Maissana	131.72	327	IAMS_20	11 55 31.0	
MSSA	comp=Z.28um,20.0s			IAMS_20	11 55 31.0	
LPAZ	La Paz	131.73	118	PKIKP	10 49 55.1	
LPAZ	comp=Z.4.9nm,0.6s,baz=252,slo=6.5,SNR=7.9			PKP	10 50 09.1	-0.2
LPAZ	comp=Z.59nm,0.9s,baz=297,slo=2.9,SNR=42			PKP	10 53 31.8	+0.8
LPAZ	comp=Z.20nm,1.0s,baz=214,slo=2.6,SNR=3.8			PKP	10 50 08.4	-1.0
LPAZ	La Paz	131.73	118	PKIKP	10 50 08.4	-1.0
LPAZ	La Paz	131.73	118	PKIKP	10 50 08.6	-0.7
COAC	Agustin Codazzi	132.00	82	eP	10 50 08.9	-0.2
COAC	Agustin Codazzi	132.00	82	eP	10 50 08.9	-0.2
OCAC	Ocana	132.10	85	eP	10 50 09.3	-0.2
OCAC	Ocana	132.10	85	eP	10 50 09.3	-0.2
RUSC	La Rusia	132.24	88	eP	10 50 09.3	-0.9
RUSC	La Rusia	132.24	88	eP	10 50 09.3	-0.9
CLF	Chambon-Foret	132.52	335	IAMS_20	10 50 08.9	-0.2
CLF	comp=Z.29um,22.0s			IAMS_20	11 50 39.4	
PAMC	Pampolona, Colo	132.69	86	eP	10 50 10.3	-0.7
PAMC	Pampolona, Colo	132.69	86	eP	10 50 10.3	-0.7
BNI	Bardonecchia	132.71	330	PKIKP	10 50 09.3	-0.5
BNI	Bardonecchia	132.71	330	PKIKP	10 50 09.3	-0.5
BNI	Bardonecchia	132.71	330	PKIKP	11 55 58.9	
VAE	Valguarnera	132.72	317	PKP	10 50 11.9	+0.8
VAE	comp=Z.30um,22.0s			PKP	10 50 11.9	+0.8
PTGC	Puerto Gaitan	133.05	90	eP	10 50 09.6	-1.6
PTGC	Puerto Gaitan	133.05	90	eP	10 50 09.6	-1.6
CAPG	Capacho	133.09	85	eP	10 50 11.3	-0.2
CAPV	Capacho	133.09	85	eP	10 50 11.3	-0.2
JSA	Saint Aubin	133.26	340	eP	10 50 08.8	-1.6
SDDR	Presidencia de Saban	133.35	70	PKP	10 50 12.2	+0.6
URIB	Uribe, Colomb	133.39	80	eP	10 50 11.8	+0.1
URIB	Uribe, Colomb	133.39	80	eP	10 50 11.8	+0.1
CLTB	Catibellota	133.48	317	PKP	10 50 10.7	-0.7
TAME	Tame, Arauca	133.55	87	eP	10 50 11.8	-0.3
TAME	Tame, Arauca	133.55	87	eP	10 50 11.8	-0.3
SSB	Saint Sauveur	133.59	331	IAMS_20	11 54 31.2	
SSB	Saint Sauveur					

Table with columns: MDT, Midelt, 147.63 327 PKP, PKPdf, 10 50 36.7 -0.3, comp=Z,34nm,0.8s,baz=70,slow=2.5,SNR=1.2

Table with columns: PCEB Cedros, 147.82 5 PKP, PKIKP, 10 50 41.6 -0.2, PSCM Serra do Cume, 147.87 3 ePKP, PKIKP, 10 50 42.0 0.0

Table with columns: ARF Arif, 148.44 325 P, PKPdf, 10 50 40.0 +1.6, ARF Arif, 148.44 325 P, PKPbc, 10 50 41.0 -0.9

Table with columns: PDA Ponta Delgada, 148.87 1 ePKP, PKPbc, 10 50 41.1 -1.5, SRHM Skhour des Reh, 149.60 331 P, PKPdf, 10 50 42.0 +1.8

Table with columns: MDP comp=Z,280nm,0.7s,baz=253,slow=2.5,SNR=62, PKPbc, PKPab, 10 50 52.3 0.0, MDP comp=Z,198nm,0.7s,baz=236,slow=3.5,SNR=11, PKPdf, 10 50 44.0 -1.1

Table with columns: TOC3 Torodi Ar. Sit, 152.84 286 IAMS_20, IAMS_20, 12 13 53.4, TOC1 Torodi Ar. Sit, 152.85 286 IAMS_20, IAMS_20, 12 15 45.6

Table with columns: TOA0 Torodi Ar. Sit, 152.86 286 P, PKPdf, 10 50 45.0 -0.5, TOA0 Torodi Ar. Sit, 152.86 286 PKPdf, PKPbc, 10 50 44.8 -0.7

Table with columns: TOC4 Torodi Ar. Sit, 152.86 286 IAMS_20, IAMS_20, 12 13 54.0, TOR Torodi Ar. Sit, 152.86 286 PKP, PKPdf, 10 50 45.1 -0.4

Table with columns: TOB3 Torodi Ar. Sit, 152.86 286 IAMS_20, IAMS_20, 12 15 46.8, TOA5 Torodi Ar. Sit, 152.86 286 IAMS_20, IAMS_20, 12 13 54.0

Table with columns: TOB4 Torodi Ar. Sit, 152.87 286 IAMS_20, IAMS_20, 12 15 45.3, TOB5 Torodi Ar. Sit, 152.87 286 IAMS_20, IAMS_20, 12 13 52.3

Table with columns: TOC5 Torodi Ar. Sit, 152.88 286 IAMS_20, IAMS_20, 12 13 52.6, KIC Kioan Boka, 159.83 271 ePKIKP, PKPdf, 10 50 55.1 +0.5

Table with columns: DBIC Dimbokro, 159.95 272 PKP, PKPdf, 10 50 54.2 -0.5, DBIC comp=Z,239nm,0.9s,baz=99,slow=4.7,SNR=19, PKPab, PKPab, 10 51 35.0 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, 2C-10, Mindanao, 0.30 2341 eP, ISC, 10 42 09.1 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, MAN 16 10:46:44.0, 9.89NM:123.74E, h3km, mb2.8, ML4.0, MS2.4, 3C-1D, Negros, 0.23 1491 eP, ISC, 10 46 50.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, DSN 16 10:50:39.4+1.9, 25.65NM:61.75E, h10km, ML4.0, O, Southern Iran, 4.92 274 iP, Pn, 10 51 53.0 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, BANOM Banah, 4.92 274 S, Sn, 10 52 51.4 +0.8, BANOM Banah, 4.92 274 S, Sn, 10 51 53.2 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, MAN 16 10:51:25.7, 9.72NM:123.59E, h3km, mb2.8, ML4.0, MS2.3, 4C, Negros, 0.27 961 eP, ISC, 10 51 33.1 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, TBP Tagbilaran, 0.27 961 eP, ISC, 10 51 33.1 +0.4, TBP Tagbilaran, 0.51 2231 eP, ISC, 10 51 33.6 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, IDC 16 10:52:11.9-8.2, 6.12S:154.60E, h58km, 63km, mb3.4/4, mb1 3.7/5, mb1mx3.4/4, mbtm3p3.7, ML1.8/1, Error ellipse: s-maj=126.6km s-min=32.7km az=129.0, Bougainville-Solomon Islands region, 8.06 246 Op, ISC, 10 54 07.5 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 24.01 233 P, P, 10 57 21.9 +0.4, ASAR Alice Springs, 26.47 227 P, P, 10 57 43.1 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, IDC 16 10:54:12.8-1.1, 23.27N:64.15E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/7.1, mbtm3p.9/5, ML3.5/1, MS4.4/1, Ms1 4.4/1, ms1mx4.0/4.7, Error ellipse: s-maj=41.1km s-min=28.0km az=4.0, 0.2m, 0.6s, baz=54, slow=2.8, SNR=4.6, FITZ Fitzroy Crossi, 30.66 245 P, P, 10 58 21.3 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, IDC 16 10:54:12.8-1.1, 23.27N:64.15E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/7.1, mbtm3p.9/5, ML3.5/1, MS4.4/1, Ms1 4.4/1, ms1mx4.0/4.7, Error ellipse: s-maj=41.1km s-min=28.0km az=4.0, 0.4m, 0.8s, baz=72, slow=9.6, SNR=2.6, ILAR Eilison Array, 82.71 22 P, P, 11 04 29.6 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, TOR Torodi Ar. Bea, 152.41 287 PKPbc, PKPbc, 11 12 01.7 -0.9, IDC 16 10:54:23.3+2.6, 24.54N:63.64E, h10km, ML4.5/5, Error ellipse: s-maj=76.0km s-min=19.9km az=21.0, ISC 16 10:54:17.6+1.4, 23.27N:0.1+64.03E:0.09, h35km, n25, e214/36, Off coast of Pakistan, 4.98 266 P, Pn, 10 55 29.7 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, JLCN Jalan Bani Buh, 4.52 252 P, Pn, 10 55 27.3 +0.1, JLN JLN, 10 56 13.2 -1.7, WBK Wadi Bani Khal, 4.78 258 P, Pn, 10 55 27.0 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WBK Wadi Sarin, 4.98 266 P, Pn, 10 56 19.2 -2.1, WSAR Wadi Sarin, 4.98 266 P, Pn, 10 55 30.0 0.0, WSAR 5.5nm, 0.3s, baz=5.5, slow=23, SNR=6.9, LR, LR, 10 56 23.8 -2.7

Table with columns: BANOM Banah, 4.92 274 S, Sn, 10 51 53.0 -0.5, SHME Sham, 7.56 290 P, Pn, 10 56 05.0 +0.2, ASUD AI Ashush, Dub, 8.01 279 P, Pn, 10 56 14.6 +3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, IDC 16 10:58:38.2+0.8, 16.33S:177.79W, h0km, mb4.3/8, mb1 4.5/8, mb1mx4.3/40, mbtm4p.3/8, Error ellipse: s-maj=35.4km s-min=21.9km az=121.0, ISCJB 16 10:58:41.8+0.5, 16.2S:0.1x178.2W:0.1, h35km, mb4.2/8, Error ellipse: s-maj=19.0km s-min=11.8km az=40.9, NEIC 16 10:58:46.7+1.1, 15.8S:0.2x178.4W:0.2, h58km, 9km, mb4.2/8, ISC 16 10:58:43.8+0.6, 16.1S:0.1x178.2W:0.2, h35km, n51, e212/48, mb4.4/10, Fijil Islands region, 45.49 253 P, P, 11 07 02.4 +2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ASAR Alice Springs, 45.49 253 P, P, 11 07 02.4 +2.3, ASAR Alice Springs, 45.49 253 P, P, 11 06 59.1 -1.0, PETK Petroflovsk, 72.03 345 P, P, 11 10 06.0 +2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PE1A Petropavlovsk, 72.03 345 P, P, 11 10 06.0 +2.1, SDPT Sand Point, 72.77 10 P, P, 11 10 05.7 -2.5, KSAR King Array Bea, 73.54 318 P, P, 11 10 09.8 -3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, NV01 Mina Array Sit, 78.01 44 P, P, 11 10 39.1 0.0, NVAR Mina Array Bea, 78.01 44 P, P, 11 10 39.1 0.0, IL31 Ilar, 84.12 13 P, P, 11 11 10.6 0.0, ILAR Eilison Array, 84.12 13 P, P, 11 11 10.2 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ILAR Eilison Array, 84.12 13 P, P, 11 11 10.6 -0.1, TXAR Lajitas Array, 84.88 58 P, P, 11 11 14.2 -1.3, TXAR Lajitas Array, 84.88 58 P, P, 11 11 14.2 -1.3, TXAR Lajitas Array, 84.88 58 P, P, 11 11 16.4 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, IMW Indian Meadow, 85.54 42 P, Iamb, 11 11 33.8, IMW comp=Z,4.4nm,1.2s, LOHW Long Hollow, 85.62 42 P, P, 11 11 18.9 -0.2, QLMT Earthquake Lak, 85.66 41 P, P, 11 11 17.9 -1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PDAR Pinedale Array, 85.93 43 P, P, 11 11 20.6 0.0, PDAR Pinedale Array, 85.93 43 P, P, 11 11 20.6 0.0, BR101 Keskin Array S, 143.66 317 PKP, 11 18 14.9 -0.6, BR131 Keskin Array S, 143.66 317 PKP, 11 18 14.7 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, BRTR Keskin Array B, 143.66 317 PKP, 11 18 14.9 -0.6, BRTR Keskin Array B, 143.66 317 PKP, 11 18 14.7 +1.7, MLR Muntele Rosu, 144.41 330 PKP, 11 18 15.5 +0.4, MLR Muntele Rosu, 144.41 330 PKP, 11 18 15.5 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, MMA0 Mount Meron Ar, 145.32 305 PKPbc, PKPdf, 11 18 19.6 +1.1, MMA0 Mount Meron Ar, 145.32 305 PKPbc, PKPdf, 11 18 19.6 +1.1, KHC Kasperske Hory, 145.71 346 ePKP, PKPab, 11 18 20.0 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, KHC Kasperske Hory, 145.71 346 ePKP, PKPab, 11 18 20.0 +0.6, KHC Kasperske Hory, 145.71 346 ePKP, PKPab, 11 18 20.0 +0.6, KHC Kasperske Hory, 145.71 346 ePKP, PKPab, 11 18 20.0 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, GERE GERESS Array B, 145.95 346 PKPbc, PKPdf, 11 18 19.1 0.0, GERE GERESS Array B, 145.95 346 PKPbc, PKPdf, 11 18 19.1 0.0, GERE GERESS Array B, 145.95 346 PKPbc, PKPdf, 11 18 19.1 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, CONA Conrad Observa, 146.24 343 ePKPdf, PKPdf, 11 18 24.6 +0.7, CONA Conrad Observa, 146.24 343 ePKPdf, PKPdf, 11 18 24.6 +0.7, MOA Molin, 146.74 345 PKIKP, PKIKP, 11 18 29.2 +4.4, ARSA Arzberg, 146.95 343 ePKIKP, PKIKP, 11 18 28.8 +3.5

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TINTI Ternate, SANI Sanana, CAN Canberra, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KASI Kota Agung, KSRS Korea Array, KSAR Wonju Array, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GTA comp=Z,1,um,10.6s, GTA comp=Z,1,um,18.6s, etc.

16d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, BARN Bernard Glacie, CTGM Chitina Glacie, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MRMT Marmara Adasi, TKR Tekirdag, etc.

Table with columns: WR1, Warramunga Arr, 51.49 187, Iamb, Iamb, 13 05 09.5, etc.

MAN 16 12:57:10.6, 9.77N-123.69E, h27km, mb2.2, ML3.5, MS1.7, 2D, Negros

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

MAN 16 13:16:02.9, 9.99N-124.14E, h8km, mb2.7, ML3.9, MS2.2, 3C-1D, Mindanao

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

ISCJB 16 13:17:28.2, 0.7, 9.76N-123.60E, 0.03, h12km, 4km, mb3.6/5, Error ellipse: s-maj=5.4km s-min=4.0km az=23.4

MAN 16 13:17:28.2, 0.7, 9.76N-123.63E, h14km, mb3.3, ML4.5, MS3.1

ISC 16 13:17:28.2, 1.1, 9.76N-123.59E, 0.04, h12km, 8km, n18, r120/28, mb3.7/5, 4C-4D, Negros

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

ISCJB 16 13:22:04.2, 0.6, 35.60N-140.20E, 0.05, h69km, 4km, mb3.5/3, Error ellipse: s-maj=6.5km s-min=5.7km

JMA 16 13:22:04.2, 0.2, 35.69N-140.20E, h63km, 2km, M3.3

ASAR Alice Springs 34.72 163 P 13 24 16.7 -1.5

ISC 16 13:22:05.4, 1.0, 35.56N-140.19E, 0.05, h63km, 7km, n20, r190/33, mb3.6/3, 3C-3D, Near east coast of eastern Honshu

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

ISCJB 16 13:24:59.9, 2.0, 14.77N-104.92, 0.2, h69km, 13km, Error ellipse: s-maj=7.0km s-min=7.9km az=27.9

GCG 16 13:25:00.0, 0.0, 14.79N-92.19W, h75km, 18km, MD3.6

MEX 16 13:25:00.4, 0.7, 14.55N-92.33W, h64km, 14km, MD3.3

ISC 16 13:25:00.1, 3.1, 14.77N-105.92, 0.2, h61km, 20km, n5, r050/10, Near coast of Chiapas

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

MAN 16 13:35:05.0, 9.98N-124.09E, h2km, mb2.6, ML3.8, MS2.1, 2C-2D, Mindanao

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

MAN 16 13:39:48.1, 10.05N-124.18E, h13km, mb2.7, ML4.0, MS2.3, 1C-1D, Leyte

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

MAN 16 13:42:58.4, 9.94N-124.00E, h7km, mb2.7, ML3.9, MS2.3, 3C, Mindanao

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

MAN 16 13:44:33.0, 9.71N-123.57E, h5km, mb2.2, ML3.5, MS1.5, 2C-1D, Negros

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

MAN 16 13:46:37.2, 9.79N-124.10E, h7km, mb2.7, ML3.9, MS2.3, 1C-2D, Mindanao

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

HLW 16 13:47:56.8, 35.30N-23.57E, h9km, 13km, M4.1

ISCJB 16 13:47:58.0, 0.3, 35.30N-23.40E, 0.03, h69km, 3km, mb3.9/11, Error ellipse: s-maj=5.4km s-min=2.9km az=42.7

NEIC 16 13:47:59.4, 2.2, 35.36N-109.23, 4.0E, 0.08, h66km, 5km, mb4.4/15

ISK 16 13:47:59.4, 35.41N-23.52E, h62km, ML3.7/18

ATH 16 13:47:59.6, 35.42N-23.44E, h44km, 1km, ML3.8/22, Error ellipse: s-maj=2.0km s-min=0.7km az=45.0

ISC 16 13:48:00.8, 3.7, 35.51N-23.29E, h73km, 34km, mb3.8/11, mb1.3/8/14, mb1mx3.5/7, mbtmp4.0/14, ML3.8/3, MS4.0/1, M51.4/0.1, mb1mx3.1/50, Error ellipse: s-maj=24.3km s-min=19.7km az=147.0

THE 16 13:48:01.5, 35.45N-23.46E, h30km, 1km, ML3.5/9, Error ellipse: s-maj=2.0km s-min=0.6km az=43.0

DDA 16 13:48:55.5, 35.40N-23.52E, h50km, ML3.8

ISC 16 13:48:58.4, 0.8, 35.29N-104.23, 38E, 0.04, h54km, 7km, n188, r148/214, mb4.2/17, Crete

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

Main table with columns: ANKY, comp=E, 6.1um, 1.0s, S, Sn, 13 48 18.0 -1.7, etc.

Table with columns: AMT, comp, AML, AML, 13 49 34.4, 13 49 36.3, 13 48 39.8 +0.6, 13 48 40.6 +1.1, 13 48 41.2 +0.8, 13 49 12.9 +0.1, 13 48 41.8 +1.4, 13 48 42.0 +0.5, 13 49 17.0, 13 49 18.7, 13 48 42.1 +0.4, 13 48 42.5 +0.3, 13 49 19.0, 13 49 21.3, 13 48 43.3 +0.9, 13 48 43.6 +1.3, 13 48 43.6 +0.4, 13 48 45.2 +1.9, 13 48 45.3 +1.7, 13 48 47.8 +1.8, 13 48 45.8 +1.0, 13 48 47.4 +1.9, 13 48 46.4 +0.9, 13 48 48.0 +1.3, 13 48 48.7 +1.8, 13 48 49.6 +1.5, 13 48 49.5 +1.1, 13 48 49.9 +1.2, 13 48 52.1 +1.8, 13 48 53.0 +0.8, 13 48 54.3 +1.3, 13 48 54.3 +1.3, 13 48 54.3 +1.3, 13 48 54.3 +1.3, 13 48 56.1 +1.5, 13 48 56.0 +1.3, 13 48 56.3 +1.0, 13 48 58.4 +1.7, 13 48 58.4 +1.7, 13 48 59.2 +1.0, 13 48 59.5 +1.2, 13 49 00.0, 13 49 43.9 -1.0, 13 49 01.0 +2.3, 13 49 01.5 +0.8, 13 49 03.9 +1.6, 13 49 05.9 +1.9, 13 49 02.7 -1.4, 13 49 03.3 -2.9, 13 49 07.5 +3.0, 13 49 05.9 +1.4, 13 49 09.9 +1.5, 13 49 09.7 +1.3, 13 49 08.3 -0.5, 13 49 12.7 +2.2, 13 49 14.4 +1.4, 13 49 17.7 +1.8, 13 49 21.8 +0.7, 13 49 24.4 +1.2, 13 49 24.2 0.0, 13 49 25.3 -1.4, 13 49 29.1 +0.7, 13 49 28.9 +0.5, 13 50 36.4 -2.5, 13 49 30.6 -1.5, 13 49 33.0 -0.3, 13 49 37.2 +1.0, 13 49 40.6 -0.2, 13 50 00.0, 13 50 58.6 -2.4, 13 49 52.0 -2.1, 13 50 04.5 +2.5, 13 50 04.6 +2.2, 13 51 31.5 -1.2, 13 51 00.0, 13 51 42.1 -5.4, 13 51 00.0, 13 50 07.4 -0.3, 13 51 44.3 -4.9, 13 50 11.6 +2.0, 13 50 11.1 +1.6, 13 50 11.6 +2.0, 13 50 11.0 +1.5, 13 50 21.8 -0.6, 13 50 35.0 -1.6, 13 52 31.2 -1.0, 13 50 41.8 -0.5, 13 52 51.2 0.0, 13 50 59.4 +0.7, 13 51 33.4 +2.4, 13 51 33.4 +2.4, 13 51 36.4 +1.5, 13 51 36.0 +1.4, 13 51 38.6 -0.8, 13 51 38.3 -1.1, 13 51 55.5 +0.4, 13 53 21.5 -1.2, 13 53 21.5 -1.2, 13 53 26.4 -1.5, 13 53 26.4 -1.5, 13 53 26.1 -1.8, 13 53 22.1 +1.1, 13 53 35.7 -1.3, 13 53 34.0 +0.6, 13 53 44.0 +0.6, 13 53 44.0 +0.6, 13 53 44.7, 13 53 44.0 -0.4, 13 54 26.2, 13 53 58.8 +1.4, 13 53 58.7 +0.5, 13 53 58.8 +1.4, 13 53 58.0 +0.5, 13 54 37.6 -1.7

Table with columns: ARCES, ARCESS Array B, 34.32, 1, P, P, 13 54 37.6 -1.7, 13 55 02.4 +0.2, 13 55 02.8, 13 55 02.3 +0.1, 13 55 02.4 +0.1, 13 55 02.8, 13 55 04.6 -0.1, 13 55 05.1, 13 55 35.5 +0.1, 13 56 05.3 -0.7, 13 56 27.5, 13 56 07.1 -0.6, 13 56 07.5 -0.3, 13 56 07.5 -0.3, 14 19 53.2, 13 56 07.1 -0.6, 13 56 14.9 -0.9, 13 56 14.9 -0.9, 13 56 14.5 -1.4, 13 56 52.7 +0.4, 13 59 31.2 -0.4, 13 59 49.5 -0.2, 13 59 59.0 +0.5, 13 49 38.8 +0.7, 13 49 40.9 +0.5, 13 49 48.8 -1.0, 13 49 58.5 -1.5, 13 49 46.8 +0.3, 13 49 54.9 -0.4, 13 49 57.4 -0.4, 13 50 14.7 -0.3, 13 50 00.1 -0.5, 13 50 19.5 +0.1, 13 50 02.5 -0.7, 13 50 27.1 +1.8, 13 50 07.7 -0.1, 13 50 32.9 +0.6, 13 49 01.5 +0.8, 13 49 03.9 +1.6, 13 49 05.9 +1.9, 13 49 02.7 -1.4, 13 49 03.3 -2.9, 13 49 07.5 +3.0, 13 49 05.9 +1.4, 13 49 09.9 +1.5, 13 49 09.7 +1.3, 13 49 08.3 -0.5, 13 49 12.7 +2.2, 13 49 14.4 +1.4, 13 49 17.7 +1.8, 13 49 21.8 +0.7, 13 49 24.4 +1.2, 13 49 24.2 0.0, 13 49 25.3 -1.4, 13 49 29.1 +0.7, 13 49 28.9 +0.5, 13 50 36.4 -2.5, 13 49 30.6 -1.5, 13 49 33.0 -0.3, 13 49 37.2 +1.0, 13 49 40.6 -0.2, 13 50 00.0, 13 50 58.6 -2.4, 13 49 52.0 -2.1, 13 50 04.5 +2.5, 13 50 04.6 +2.2, 13 51 31.5 -1.2, 13 51 00.0, 13 51 42.1 -5.4, 13 51 00.0, 13 50 07.4 -0.3, 13 51 44.3 -4.9, 13 50 11.6 +2.0, 13 50 11.1 +1.6, 13 50 11.6 +2.0, 13 50 11.0 +1.5, 13 50 21.8 -0.6, 13 50 35.0 -1.6, 13 52 31.2 -1.0, 13 50 41.8 -0.5, 13 52 51.2 0.0, 13 50 59.4 +0.7, 13 51 33.4 +2.4, 13 51 33.4 +2.4, 13 51 36.4 +1.5, 13 51 36.0 +1.4, 13 51 38.6 -0.8, 13 51 38.3 -1.1, 13 51 55.5 +0.4, 13 53 21.5 -1.2, 13 53 21.5 -1.2, 13 53 26.4 -1.5, 13 53 26.4 -1.5, 13 53 26.1 -1.8, 13 53 22.1 +1.1, 13 53 35.7 -1.3, 13 53 34.0 +0.6, 13 53 44.0 +0.6, 13 53 44.0 +0.6, 13 53 44.7, 13 53 44.0 -0.4, 13 54 26.2, 13 53 58.8 +1.4, 13 53 58.7 +0.5, 13 53 58.8 +1.4, 13 53 58.0 +0.5, 13 54 37.6 -1.7

Table with columns: comp, Z, 120nm, 20.7s, baz=60, slow=33, 13 54 37.6 -1.7, 13 55 02.4 +0.2, 13 55 02.8, 13 55 02.3 +0.1, 13 55 02.4 +0.1, 13 55 02.8, 13 55 04.6 -0.1, 13 55 05.1, 13 55 35.5 +0.1, 13 56 05.3 -0.7, 13 56 27.5, 13 56 07.1 -0.6, 13 56 07.5 -0.3, 13 56 07.5 -0.3, 14 19 53.2, 13 56 07.1 -0.6, 13 56 14.9 -0.9, 13 56 14.9 -0.9, 13 56 14.5 -1.4, 13 56 52.7 +0.4, 13 59 31.2 -0.4, 13 59 49.5 -0.2, 13 59 59.0 +0.5, 13 49 38.8 +0.7, 13 49 40.9 +0.5, 13 49 48.8 -1.0, 13 49 58.5 -1.5, 13 49 46.8 +0.3, 13 49 54.9 -0.4, 13 49 57.4 -0.4, 13 50 14.7 -0.3, 13 50 00.1 -0.5, 13 50 19.5 +0.1, 13 50 02.5 -0.7, 13 50 27.1 +1.8, 13 50 07.7 -0.1, 13 50 32.9 +0.6, 13 49 01.5 +0.8, 13 49 03.9 +1.6, 13 49 05.9 +1.9, 13 49 02.7 -1.4, 13 49 03.3 -2.9, 13 49 07.5 +3.0, 13 49 05.9 +1.4, 13 49 09.9 +1.5, 13 49 09.7 +1.3, 13 49 08.3 -0.5, 13 49 12.7 +2.2, 13 49 14.4 +1.4, 13 49 17.7 +1.8, 13 49 21.8 +0.7, 13 49 24.4 +1.2, 13 49 24.2 0.0, 13 49 25.3 -1.4, 13 49 29.1 +0.7, 13 49 28.9 +0.5, 13 50 36.4 -2.5, 13 49 30.6 -1.5, 13 49 33.0 -0.3, 13 49 37.2 +1.0, 13 49 40.6 -0.2, 13 50 00.0, 13 50 58.6 -2.4, 13 49 52.0 -2.1, 13 50 04.5 +2.5, 13 50 04.6 +2.2, 13 51 31.5 -1.2, 13 51 00.0, 13 51 42.1 -5.4, 13 51 00.0, 13 50 07.4 -0.3, 13 51 44.3 -4.9, 13 50 11.6 +2.0, 13 50 11.1 +1.6, 13 50 11.6 +2.0, 13 50 11.0 +1.5, 13 50 21.8 -0.6, 13 50 35.0 -1.6, 13 52 31.2 -1.0, 13 50 41.8 -0.5, 13 52 51.2 0.0, 13 50 59.4 +0.7, 13 51 33.4 +2.4, 13 51 33.4 +2.4, 13 51 36.4 +1.5, 13 51 36.0 +1.4, 13 51 38.6 -0.8, 13 51 38.3 -1.1, 13 51 55.5 +0.4, 13 53 21.5 -1.2, 13 53 21.5 -1.2, 13 53 26.4 -1.5, 13 53 26.4 -1.5, 13 53 26.1 -1.8, 13 53 22.1 +1.1, 13 53 35.7 -1.3, 13 53 34.0 +0.6, 13 53 44.0 +0.6, 13 53 44.0 +0.6, 13 53 44.7, 13 53 44.0 -0.4, 13 54 26.2, 13 53 58.8 +1.4, 13 53 58.7 +0.5, 13 53 58.8 +1.4, 13 53 58.0 +0.5, 13 54 37.6 -1.7

16d 15h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like AKH, CASY, KBZ, KIBZ, KIV, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like BRTR, YAH, CTGM, ANTO, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like JMA, JHU2, JHU, etc.

PNL	Peninsula	1.58	54	Pn	Pn	15 27 43.2 +0.2
PNL	Peninsula	1.58	54	Sn	Sn	15 28 01.3 -2.2
PNL	Peninsula	1.58	54	Pn	Pn	15 27 43.2 +0.2
PCA	Pinnacle	1.59	31	Pn	Pn	15 27 43.4 +0.2
PCA	Pinnacle	1.59	31	Sn	Sn	15 27 43.4 +0.2
PCA	Pinnacle	1.59	31	Pn	Pn	15 27 44.1 +0.4
YAH	Yahrtse	1.61	3	Pn	Pn	15 27 44.4 +0.7
SUCK	Suckling Hills	1.63	325	Pn	Pn	15 27 44.2 +0.1
BCPM	Bancas Point	1.67	43	Pn	Pn	15 27 45.2 +0.7
GRIN	Grindle Hills	1.69	335	Pn	Pn	15 27 45.7 +0.1
WAXI	Waxell Ridge	1.77	345	Pn	Pn	15 27 45.7 +0.1
NICHA	Nichawak Mount	1.82	326	Pn	Pn	15 28 03.3 -0.1
NICHA	Nichawak Mount	1.82	326	Sn	Sn	15 28 03.3 -0.1
KHIT	Khithrov Hills	1.83	339	Pn	Pn	15 27 46.6 +0.2
DHAK	Deception Hill	1.94	78	Pn	Pn	15 27 48.3 +0.3
GRNC	Granite Creek	1.98	2	Pn	Pn	15 27 49.2 +0.5
GRNC	Granite Creek	1.98	2	Sn	Sn	15 27 49.2 +0.5
GRNC	Granite Creek	1.98	2	Pn	Pn	15 27 49.2 +0.5
HMT	Hamilton	1.99	324	Pn	Pn	15 27 48.8 +0.2
TGL	Tana Glacier	2.06	347	Pn	Pn	15 27 50.0 +0.3
CRQM	Cirque	2.10	343	Pn	Pn	15 27 50.2 -0.2
CRQM	Cirque	2.10	343	Pn	Pn	15 27 50.3 0.0
FRAGM	Ragged Mountai	2.16	320	Pn	Pn	15 27 51.1 +0.1
KIAG	Kiagna River	2.19	354	Pn	Pn	15 27 52.0 +0.5
KIAG	Kiagna River	2.19	354	Sn	Sn	15 28 16.7 -2.0
KIAG	Kiagna River	2.19	354	Pn	Pn	15 27 52.0 +0.5
CTGM	Chitina Glacie	2.23	7	Pn	Pn	15 27 52.6 +0.4
CTGM	Chitina Glacie	2.23	7	Sn	Sn	15 28 17.6 -2.1
CTGM	Chitina Glacie	2.23	7	Pn	Pn	15 27 52.6 +0.4
BALM	Baldy	2.30	355	Pn	Pn	15 27 53.5 +0.5
BALM	Baldy	2.30	355	Sn	Sn	15 28 19.7 -1.6
BALM	Baldy	2.30	355	Pn	Pn	15 27 53.4 +0.5
BARN	Barnard Glacie	2.31	3	Pn	Pn	15 27 53.4 +0.2
PTPK	Patty Peak	2.46	354	Pn	Pn	15 27 57.1 +0.2
PTPK	Patty Peak	2.46	354	Sn	Sn	15 28 24.5 -0.8
PTPK	Patty Peak	2.46	354	Pn	Pn	15 27 55.9 +0.7
VRDI	Verde Repeater	2.60	343	Pn	Pn	15 27 57.3 +0.1
YUK7	Dusty Glacier	2.61	45	Pn	Pn	15 27 58.6 +1.2
YUK7	Dusty Glacier	2.61	45	Sn	Sn	15 28 28.6 -0.5
EYAK	Cordova Ski Ar	2.65	314	Pn	Pn	15 27 57.9 +0.6
MCARA	McCarthy VSAT	2.70	348	Pn	Pn	15 27 58.9 +0.6
YUK6	Outpost Mounta	2.83	38	Pn	Pn	15 28 01.7 +1.3
GLB	Gilalina Brooke	2.86	341	Pn	Pn	15 28 00.8 +0.2
HIN	Hinchinbutte I	2.86	307	Pn	Pn	15 28 01.4 +0.8
HNT	Haines Junctio	3.04	43	Pn	Pn	15 28 04.2 +1.0
HNT	Haines Junctio	3.04	43	Sn	Sn	15 28 04.0 +0.8
FID	Port Fidalgo	3.06	35	Pn	Pn	15 28 04.3 +1.0
YUK4	Talbot Arm	3.07	31	Pn	Pn	15 28 07.0 +3.3
YUK2	White River	3.09	9	Pn	Pn	15 28 05.3 +1.5
JPK	Jack Peak	3.30	316	Pn	Pn	15 28 07.0 +0.3
GLI	Glacier Island	3.38	31	Pn	Pn	15 28 08.1 +0.6
SKAG	Skagway	3.46	75	Pn	Pn	15 28 10.6 +1.7
YUK1	Sand Pete Hill	3.48	11	Pn	Pn	15 28 10.8 +1.6
BESE	Bessie Mountai	3.69	90	Pn	Pn	15 28 12.2 +0.2
BESE	Bessie Mountai	3.69	90	Sn	Sn	15 28 13.4 +0.2
BVCY	Beaver Creek	3.71	8	Pn	Pn	15 28 13.4 +0.2
JIS	Junesau Island	3.97	94	Pn	Pn	15 28 17.1 +2.2
WHY	Whitehorse	4.04	59	Pn	Pn	15 28 17.7 +0.9
WHY	Whitehorse	4.04	59	Sn	Sn	15 29 01.5 -2.6
WHY	Whitehorse	4.04	59	Pn	Pn	15 28 17.7 +0.9
SEW	Seward	4.09	293	Pn	Pn	15 28 18.8 +1.5
SCM	Sheep Creek Mo	4.10	321	Pn	Pn	15 28 18.3 +0.6
KNK	Knik Glacier	4.11	321	Pn	Pn	15 28 18.4 +0.4
BCA3	Beaver Creek A	4.33	1	Pn	Pn	15 28 21.3 +0.6
BCAR	Beaver Creek A	4.33	1	Pn	Pn	15 28 21.2 +0.4
SML	Sawmill	4.43	316	Pn	Pn	15 28 20.4 -1.7
PAX	Paxson	4.57	339	Pn	Pn	15 28 25.5 +1.6
PAX	Paxson	4.57	339	Sn	Sn	15 28 24.1 -1.4
RC01	Rabbit Creek A	4.58	304	Pn	Pn	15 28 23.9 -0.4
RC01	Rabbit Creek A	4.58	304	Sn	Sn	15 29 14.6 -2.8
PMR	Palmer	4.59	311	Pn	Pn	15 28 26.0 +1.7
GHO	Glory Hole Cre	4.62	314	Pn	Pn	15 28 26.1 +1.3
BRLK	Bradley Lake	4.72	286	Pn	Pn	15 28 28.2 +2.1
CHN	China Post	5.02	349	Pn	Pn	15 28 30.7 +0.7
DOT	Dot Lake	5.02	349	Pn	Pn	15 28 31.2 +1.0
DOT	Dot Lake	5.02	349	Sn	Sn	15 28 31.5 +1.2
RDY	Denali Highway	5.09	331	Pn	Pn	15 28 32.7 +1.4
RHG	Independent Ri	5.20	345	Pn	Pn	15 28 35.0 +2.2
WRAK	Wrangell Islan	5.65	110	Pn	Pn	15 28 40.7 +1.8
SPC3	Spurr Island	6.45	301	Pn	Pn	15 28 47.1 +0.1
KDAK	Kodiak Island	6.72	265	Pn	Pn	15 28 41.6 +1.7
KDAK	Kodiak Island	6.72	265	Sn	Sn	15 29 14.5 -3.9
KDAK	Kodiak Island	6.72	265	Pn	Pn	15 28 41.6 +1.7
SDPC	Crater Peak Br	5.72	300	Pn	Pn	15 28 40.8 +0.7
RND	Reindeer	5.75	327	Pn	Pn	15 28 41.9 +1.5
DFR	Drift River	5.77	293	Pn	Pn	15 28 41.4 +0.6
SKT	Skwentna	5.77	308	Pn	Pn	15 28 42.6 +2.1
RSO	Redoubt South	5.77	292	Pn	Pn	15 28 42.9 +2.2
RDWB	Redoubt West	5.77	292	Pn	Pn	15 28 42.9 +2.2
MCK	McKinley	6.03	329	Pn	Pn	15 28 45.6 +1.5
EGAK	Eagle	6.05	3	Pn	Pn	15 28 46.1 +1.7
HDA	Harding Lake	6.16	339	Pn	Pn	15 28 47.2 +1.3
DLBC	Dease Lake	6.22	88	Pn	Pn	15 28 48.0 +1.3
DLBC	Dease Lake	6.22	88	Sn	Sn	15 28 48.8 +2.0
DLBC	Dease Lake	6.22	88	Pn	Pn	15 28 48.0 +1.3
TRF	Thorofore Moun	6.22	323	Pn	Pn	15 28 48.5 +1.7
OHAK	Old Harbor	6.25	261	Pn	Pn	15 28 48.4 +1.4
WRH	Wood River Hill	6.45	335	Pn	Pn	15 28 48.3 +0.9
ILAR	Elision Array	6.48	341	Pn	Pn	15 28 50.8 +0.6
ILAR	Elision Array	6.48	341	Sn	Sn	15 28 50.8 +0.5
KTH	Kantishna Hill	6.49	322	Pn	Pn	15 28 52.0 +1.1
PLLA	Purkeyette	6.52	314	Pn	Pn	15 28 53.3 +2.6
BWN	Brown	6.53	330	Pn	Pn	15 28 53.0 +2.1
CCB	Clear Creek Bu	6.54	337	Pn	Pn	15 28 51.7 +0.6
COLA	Collage	6.75	338	Pn	Pn	15 28 54.9 +1.0
NEA	Nenana	6.76	333	Pn	Pn	15 28 54.5 +0.4
CAST	Castle Rocks	6.92	340	Pn	Pn	15 28 57.9 +3.3
BPWW	Bear Paw Mtn.	6.90	325	Pn	Pn	15 28 56.5 +0.4
MDM	Murphy Dome	6.90	337	Pn	Pn	15 28 57.1 +1.0
CHUM	Lake Minchum	7.17	320	Pn	Pn	15 29 00.5 +0.7
SVW2	Sparrevoht	7.26	295	Pn	Pn	15 29 02.5 +1.5
DJB	Dawson Inlet,	7.67	132	Pn	Pn	15 29 07.2 +0.6
DJB	Dawson Inlet,	7.67	132	Sn	Sn	15 29 07.2 +0.6
DIB	Dawson Inlet,	7.67	132	Pn	Pn	15 29 07.2 +0.6
RUBB	Prince Rupert	7.82	120	Pn	Pn	15 29 09.7 +1.1
RUBB	Prince Rupert	7.82	120	Sn	Sn	15 30 32.5 -4.4
FYU	Fort Yukon	7.99	350	Pn	Pn	15 29 12.8 +2.0
CHIR	Chirikof Islan	7.99	254	Pn	Pn	15 29 12.8 +1.9
BNB	Barry Inlet	8.18	133	Pn	Pn	15 29 18.0 +0.8
BMAR	Burnt Mountain	8.79	353	Pn	Pn	15 29 23.8 +1.8
IM03	Indian Mountai	9.09	328	Pn	Pn	15 29 24.2 -1.8
IMAR	Indian Mountai	9.09	328	Sn	Sn	15 29 26.6 +0.7
CHGN	Chignik	9.21	262	Pn	Pn	15 29 31.0 +3.3
COLD	Coldfoot	9.29	340	Pn	Pn	15 29 30.7 +1.9
COLD	Coldfoot	9.29	340	Sn	Sn	15 29 30.6 +1.8
BBB	Bella Bella	10.21	124	Pn	Pn	15 29 42.9 +1.5
SDPT	Sand Point	10.67	259	Pn	Pn	15 29 50.8 +3.2
MCMT	McKenzie Canyo	22.51	115	P	P	15 32 14.7 0.0
MOOW	Moose Ponds	24.31	114	Iamb	Iamb	15 32 33.1 +0.4
MOOW	Moose Ponds	24.31	114	P	P	15 32 38.3
MOOW	Moose Ponds	24.31	114	Iamb	Iamb	15 32 38.3
NV01	Mina Array Sit	25.39	133	P	P	15 32 45.9 +3.5
NVAR	Mina Array Bea	25.39	133	P	P	15 32 45.9 +3.5
PD31	Pinedale Array	25.62	114	P	P	15 32 48.1 +3.6
PD31	Pinedale Array	25.62	114	Iamb	Iamb	15 33 23.5
PDAR	Pinedale Array	25.62	114	P	P	15 32 48.1 +3.6
PDAR	Pinedale Array	25.62	114	Iamb	Iamb	15 33 23.5
RWWY	Rawlins	27.57	113	P	P	15 33 00.8 -1.3
RWWY	Rawlins	27.57	113	Iamb	Iamb	15 33 02.2
LTX	Lajitas	39.34	122	P	P	15 34 44.9 +0.7
TXAR	Lajitas Array	39.34	122	P	P	15 34 44.9 +0.7
UMEAU	Umeau	0.90	329	P	Pg	15 28 54.2 -1.3

UMAU	Umeau	0.90	329	Sg	Sg	15 29 05.7 -1.4
UMAU	Umeau	0.90	329	SG	SG	15 28 54.2 -1.3
UMAU	Umeau	0.90	329	Pg	Pg	15 28 54.3 -1.3
UMAU	Umeau	0.90	329	eS	eS	15 29 06.0 -1.2
UMAU	Umeau	0.90	329	eS	eS	15 29 03.0 -1.6
ODEU	Stanfors	1.37	341	P	Pg	15 29 20.9 -1.5
ODEU	Stanfors	1.37	341	eS	eS	15 29 03.0 -1.6
ODEU	Stanfors	1.37	341	eS	eS	15 29 20.8 -1.5
BURU	Burvik	1.48	354	P	Pn	15 29 05.0 -1.2
BURU	Burvik	1.48	354	S	Sg	15 29 24.5 -1.3
BURU	Burvik	1.48	354	eS	eS	15 29 04.7 -1.5
BURU	Burvik	1.48	354	eS	eS	15 29 23.4 -2.3
SVAU	Svanoeiden	1.68	326	P	Pn	15 29 08.0 -0.9
SVAU	Svanoeiden	1.68	326	S	Sn	15 29 29.7 -1.4
SVAU	Svanoeiden	1.68	326	eP	eP	15 29 08.0 -0.9
SVAU	Svanoeiden	1.68	326	eS	eS	15 29 29.7 -1.4
KEF	Keuruu	1.74	122	eP	eP	15 29 09.6 -0.2
KEF	Keuruu	1.74	122	MSG	MSG	15 29 30.1
KEF	Keuruu	1.74	122	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 32.5 -0.1
HEMU	Hemsoen	1.75	257	P	Pn	15 29 08.7 -1.2
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15 29 34.6 +0.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	MSG	MSG	15 29 30.1
HEMU	Hemsoen	1.75	257	eSN	eSN	15

Table with columns for station name, coordinates, and various parameters. Includes stations like PPSI, LHMI, PBSI, TPTI, FITZ, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KSH, KSH, KSH, KSH, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like AKBB, AKBB, AKBB, INK, INK, etc.

IDC 16 15:33:12.7e.6.7, 6.56S: 154.78E, h56km, 48km, mb3.5/3, mb1 3.8/5, mb1mx3.4/56, mbtmp3.9/5, ML2.5/2, Error ellipse: s-maj=53.2km s-min=20.5km az=95.0

ISC 16 15:33:12.6e.1.7, 6.65S: 0.1.154.8E:0.2, h56km, n7, c1s10/9, mb3.6/3, Bougainville-Solomon Islands region

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

KRVT Keravat (AS076 3.59 309 Op ISC h m s ISC Pn 15 43 06.6 +0.7

PMG Port Moresby 8.10 249 P Pn 15 35 07.4 -0.3

WRA Warramunga Arr 23.92 234 P P 15 38 21.5 -0.1

ASAR Alice Springs 34.70 163 P P 15 38 43.0 -0.5

TKAR Makanchi Array 82.99 312 P P 15 45 33.1 +1.2

MARK Makanchi Array 152.76 286 PKPbc PKPbc 15 45 02.8 -1.5

IDC 16 15:35:29.3e.0.9, 9.91N: 124.12E, h0km, mb3.9/8, mb1 4.1/9, mb1mx3.8/63, mbtmp4.0/9, ML4.6/1, MS3.9/4, Ms1 3.9/4, ms1mx3.4/47, Error ellipse: s-maj=42.9km s-min=15.5km az=72.0

MAN 16 15:35:31.2, 9.71N: 123.54E, h1km, mb3.1, ML4.3, MS2.8

ISCJB 16 15:35:32.8e.0.5, 9.74N:0.03x123.69E:0.04, h29km, 4km, mb3.9/8, MS4.0/4, Error ellipse: s-maj=7.4km s-min=4.8km az=9.8

NEIC 16 15:35:33.1, 1.6, 9.8N:0.1x: 123.9E:0.2, h24km, 10km, mb4.5/5

ISC 16 15:35:32.4e.1.1, 9.74N:0.03x123.69E:0.05, h14km, 8km, n3e, 1s31/41, mb4.1/12, MS3.9/4, 2C-3D, Negros

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

TBP Tagbilaran 0.27 101j Op P 15 35 38.2 +0.1

SNH Sibulan 0.53 222j Op P 15 35 42.9 +0.7

LLP Lapu-Lapu 0.68 33l Op P 15 35 55.3 +0.7

DCPH Dipolog City 1.18 192l Op P 15 35 54.7 +0.3

MISLP Maasin 1.30 73 Op P 15 36 10.3 +0.2

GUIM Jordan 1.32 312 Op P 15 36 16.3 +0.0

OUM Ormoc 1.64 37 Op P 15 36 14.9 +1.0

PAGZ Pagadian 1.90 186 Op P 15 36 25.6 +0.6

RCP Roxas 1.99 335l Op P 15 36 27.6 +1.6

OTRP Odiongan 3.03 239 Op P 15 36 25.5 -0.6

KKM Kota Kinabalu 8.18 244 Op P 15 37 01.0 -1.9

IOW Iowu 17.56 14 Pn 15 37 33.8 +3.0

BATI Baunata 19.82 180 Pn 15 39 35.5 +1.3

MTN Mantion Dam 23.66 161 P 15 40 04.2 -1.5

CMAR Chiang Mai Arr 25.41 293 P 15 41 02.6 +2.9

KNRA Kununurra 25.77 168 P 15 41 13.4 -0.4

FITZ Fitzroy Crossi 27.74 176 P 15 41 20.2 -0.3

PMG Port Moresby 30.20 128 LR 15 56 17.1

WRA Warramunga Arr 31.34 160 P 15 41 51.7 -0.9

ASAR Alice Springs 34.70 163 P 15 42 21.5 -0.5

USRK Ussuriysk Ar 35.09 11 P 15 42 22.1 -2.9

MK31 Makanchi Array 50.88 324 P 15 44 33.3 +0.4

MK32 Makanchi Array 50.88 324 P 15 44 34.2 +1.3

MKAR Makanchi Array 50.88 324 P 15 44 34.2 +1.3

MARK Makanchi Array 50.88 324 P 15 44 33.6 +0.7

NIL Nilore 51.87 305 P 15 44 40.9 +0.3

ZALV Zalesovo Beam 53.85 333 P 15 44 54.0 -0.8

ZAA1 Zalesovo Array 53.85 333 P 15 44 54.0 -0.8

KURB Kurchatov Arr 55.03 327 P 15 45 03.6 +0.2

KURK Kurchatov 55.03 327 P 15 45 03.9 +0.5

KBL Kabul 55.47 305 P 15 45 07.8 +0.7

GEYT Alibek 64.76 307 LR 16 18 24.5

ARCES ARCESS Array B 83.77 339 LR 16 28 32.1

KMBO Kilima Mbogo 86.88 268 LR 16 22 46.6

IDC 16 15:37:07.6e.6.6, 6.64S: 154.84E, h52km, 46km, mb3.3/4, mb1 3.7/6, mb1mx3.4/55, mbtmp3.7/6, ML2.7/2, Error ellipse: s-maj=51.0km s-min=19.8km az=92.0

ISC 16 15:37:08.1e.1.7, 6.65S: 0.1.154.9E:0.2, h56km, n7, c1s16/9, mb3.5/4, Bougainville-Solomon Islands region

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

KRVT Keravat (AS076 3.65 309 Op ISC h m s ISC Pn 15 38 02.5 +0.4

PMG Port Moresby 8.13 250 P Pn 15 39 04.1 +0.6

Table with columns: MORF, comp=N,33nm,0.2s, AML, AML, 17 34 44.0, 2.23 69 P S Pn, 17 34 17.2 +2.2, 17 34 41.7 +0.4, etc.

Table with columns: EGOR, Sierra Gorda, 5.76 82 P Pn, 17 35 06.9 +3.3, 17 36 09.5 +0.9, etc.

MAN 16 17:47:42.1,9.91N:124.06E,h1km,mb2.5,ML3.8,MS2.0, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, TBP Tagbilaran, 0.30 222i Op Pn, 17 47 48.0 +1.0, etc.

MAN 16 17:56:55.5,9.62N:123.59E,h3km,mb2.1,ML3.5,MS1.5, 9C-3D, Negros

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, TBP Tagbilaran, 0.28 75 Op Pn, 17 57 01.3 +0.4, etc.

MAN 16 17:58:32.9,9.84N:123.69E,h6km,mb3.1,ML4.3,MS2.8, 2C-3D, Negros

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, TBP Tagbilaran, 0.22 130 Op Pn, 17 58 37.8 +0.4, etc.

ISC/B 16 17:59:20.6,0.3,3.29S:0.03:138.41E:0.03,h71km, mb3.9/4, Error ellipse: s-maj=5.0km s-min=4.7km az=32.9

NEIC 16 17:59:27.6,1.6,3.5S:0.1:138.1E:0.1,h116km,11km, mb4.2/12

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, SMPI Sarmi, 1.41 14 Op Pn, 17 59 43.9 -1.2, etc.

IDC 16 17:59:37.5,2.4,6.62S:155.61E,h0km,mb3.7/2, mb1.3,9/4,mb1mx3.5/37,mbtmp3.9/4,ML2.5,Error ellipse: s-maj=5.9km s-min=4.9km az=111.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, KRVT Keravat, 4.24 303 Pn Pn, 18 00 43.9 +0.5, etc.

IDC 16 18:08:39.8,6.3,23.19S:179.65W,h521km,70km, mb3.5/6,mb1 3.6/7,mb1 mx3.2/29,mbtmp4.4/7, Error ellipse: s-maj=37.6km s-min=20.2km az=55.0, South of I Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, URZ Urewera, 15.28 190 P P, 18 11 51.6 -0.8, etc.

DDA 16 18:13:24.3,39.14N:125.69E,h22km,3km,ML3.4, 13C/B 16 18:13:25.8,0.3,39.14N:0.01:25.83E:0.02,h10km,3km, Error ellipse: s-maj=2.9km s-min=2.4km az=16.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, SIGR SIGRI, 0.07 24 Op Pn, 18 13 28.1 -0.3, etc.

Table with columns: PRK, comp, S, Sg, 18 13 39.7 +1.3, APE, Apeiranthos, 2.08 186, PN, Pn, 18 14 26.4 -1.0, BUKP, eS, Sg, 18 40 46.8 -1.0

Table with columns: APE, Apeiranthos, 2.08 186, PN, Pn, 18 14 26.4 -1.0, BUKP, eS, Sg, 18 40 46.8 -1.0

Table with columns: BUKP, eS, Sg, 18 40 46.8 -1.0, ISCJB 16 18:49:12.1±0.5, 8:29S, 0:06, 118:75E, 0:03, h150km, mb3.1/2, Error ellipse: s-maj=8.2km s-min=4.7km az=3.0

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H11S2, STKA, SOEI, etc.

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

MAN 16 18:56:15.1, 9.90N:124.04E, h5km, mb3.0, ML4.2, MS2.6, 4C-1D, Mindanao

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

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

MAN 16 18:58:35.0, 6.14S:120.00E, h129km, n48, e1901/39, mb4.2/6, MS3.9/4, Near coast of Peru

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

16d 22h

CMAR Chiang Mai Arr 39.56 309 P P 21 54 44.4 -0.7
SONM Songino Array 58.06 341 P P 21 57 06.1 +0.3
MKAR Makanchi Array 67.93 327 P P 21 58 10.9 +0.1

MAN 16 22:51:19.4,9.31N:123.63E,h2km,mb2.8,ML4.1,MS2.5, 1C-2D, Negros
Code Station Name A° AZ° Phase ID Time Res
LLP Lapu-Lapu 0.60 321 Op P 21 58 07.3 +0.2

MAN 16 22:57:57.1,9.30N:123.90E,h0km,mb3.0,ML4.2,MS2.6, 1C-1D, Negros
Code Station Name A° AZ° Phase ID Time Res
LLP Lapu-Lapu 0.52 71 Op P 21 58 07.3 +0.2

MAN 16 22:05:04.7,9.30N:123.66E,h7km,mb2.9,ML4.1,MS2.6, 3C, Negros
Code Station Name A° AZ° Phase ID Time Res
LLP Lapu-Lapu 0.60 301 Op P 22 05 16.2 0.0

NCEDC 16 22:11:17.2,0.6,37.67N:0.03:122.94W:0.02,h4km,1km, Md2.0
NEIC 16 22:11:17.0,0.3,37.66N:0.02:122.51W:0.02,h5km,1km, Central California

Code Station Name A° AZ° Phase ID Time Res
JGMM Milagra Ridge 0.04 127 Op P 22 11 18.6 -0.2
J061 Lakeshore Driv 0.07 8 P 22 11 19.2 -0.1

MEX 16 22:11:18.8,0.6,15.81N:96.69W,h39km,999km,MD3.7, Near coast of Oaxaca

IDC 16 22:14:48.4,12.0,2.03N:128.01E,h78km,109km,mb3.6/4, mb1.3/9.5,mb1mx4.3/39,mbtmp4.1/5,ML4.6/1,MS3.3/1, Ms1.3/3.1,ms1mx2.6/26,Error ellipse: s-maj=11.6km s-min=21.1km az=61.0

ISCJB 16 22:14:53.0,1.2,1.83N:0.09:127.48E:0.08,h134km, mb3.9/3,Error ellipse: s-maj=13.9km s-min=9.1km az=34.5

DJA 16 22:14:52.0,0.4,2.1N:3.3x12.8E,h119km,4km,ML4.1/1, mb4.3/6,mb4.4/1,ML4.0/11,Mw(mb)3.6/1

ISC 16 22:14:55.3,1.5,1.7N:0.1:127.44E:0.10,h134km,n15, e=149/18,mb3.9,Almahera

Code Station Name A° AZ° Phase ID Time Res
TNTI Ternate 0.91 185 Op P 22 15 06 +1.1
TNTI Ternate 0.91 185 Op P 22 15 34.9 +0.1

2013 OCT

ISCJB 16 22:15:02.9,0.3,25.39S:0.05:177.41W:0.07,h100km, mb4.4/13,Error ellipse: s-maj=9.6km s-min=6.3km az=29.8
NEIC 16 22:15:02.3,2.6,25.29S:0.08:177.37W:0.10,h88km,6km, mb4.2/12,mb1.4/4/13,mb1mx4.1/39,mbtmp4.5/13,MS3.5/2, Ms1.3/5.2,ms1mx2.9/30,Error ellipse: s-maj=21.4km s-min=17.2km az=164.0

ISC 16 22:15:03.0,0.4,25.26S:0.06:177.23W:0.08,h100km, n99,±152/101,mb4.4/22,11C-4D,South of Fiji Islands

Code Station Name A° AZ° Phase ID Time Res
RAO Raoul Island 4.03 189 Op P 22 16 05.3 +2.3
RAO Raoul Island 4.03 189 Op P 22 16 05.3 +2.3

CTAO Charters Tower 34.02 271 P 22 21 39.6 +1.6
CTAO Charters Tower 34.02 271 P 22 21 40.8

Code Station Name A° AZ° Phase ID Time Res
STKA Stephens Creek 36.60 250 P 22 22 02.1
STKA Stephens Creek 36.60 250 P 22 22 02.1

ASAR Alice Springs 44.32 261 P 22 23 02.9 -0.8
ASAR Alice Springs 44.32 261 P 22 23 02.9 -0.8

WR1 Warramunga Arr 44.84 267 P 22 23 06.6 -1.4
WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4

WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4
WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4

WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4
WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4

WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4
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WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4
WRA Warramunga Arr 44.84 267 P 22 23 06.6 -1.4

934
CLL comp=Z,7.0nm,0.7s i/PKIP PKPbc 22 34 50.8 +2.3

CLL comp=Z,6.0nm,0.9s i/PKAb PKPbc 22 35 00.0 +0.2

CLL comp=Z,6.0nm,0.9s i/PKAb PKPbc 22 35 00.0 +0.2

DPC Dobruska-Polom 152.84 341f ePKP x 22 34 49.4 +0.6

BRG Bergsgesshubel 153.02 344 i/PKP 22 34 49.3 +0.2

BRG comp=Z,5.5nm,0.7s e 22 34 51.5

BRG comp=Z,4.2nm,0.9s e 22 35 01.2

VOIR comp=Z,4.3nm,0.9s i/P 153.04 324 i/P 22 34 49.0 +0.0

PVCC Panska Ves 153.18 343f ePKP PKPKP 22 34 50.1 +0.6

KHC Kasperske Hory 154.71 343f ePKP PKPKP 22 34 50.3 +0.3

KHC GERESS Array S 154.94 343 PKPAb pPKP 22 35 08.8 -2.5

GERES GERESS Array B 154.94 343 PKPAb pPKP 22 35 09.4 +0.4

GERES GERESS Array B 154.94 343 PKPAb pPKP 22 35 09.4 +0.4

CONA Conrad Observa 155.12 339 PKPAb PKPab 22 35 12.0 +2.3

WTTA Wattenberg 156.93 344 i/PKAb PKPab 22 35 18.6 +0.9

MOTA Motala 156.98 345 i/PKAb PKPab 22 35 18.7 +0.9

ABTA Abtafersbach 157.19 343 i/PKAb PKPab 22 35 19.3 +0.6

ESDC Seneca Array 164.55 20 PKPAb PKPab 22 35 52.5 +1.5

TORD Torodi Arr B 167.91 175 PKP PKPpdf 22 34 58.2 -0.7

TORD Torodi Arr B 167.91 175 PKP PKPpdf 22 34 58.2 -0.7

TOA1 Torodi Arr. Sit 167.92 175 PKPab PKPpdf 22 34 58.2 -0.7

TOA1 Torodi Arr. Sit 167.92 175 PKPab PKPpdf 22 34 58.2 -0.7

IDC 16 22:19:09.1,0.4,9.94N:124.14E,h0km,mb4.5/25, mb1.4/6.25,mb1mx4.5/39,mbtmp4.5/25,MS3.6/1.1, Ms1.3/6.11,ms1mx3.3/33,Error ellipse: s-maj=18.1km s-min=10.6km az=77.0

MAN 16 22:19:10.8,9.94N:124.06E,h10km,mb4.0,ML5.1,MS4.1, MAN Intensity III - Lapulapu City This is an aftershock of the 15 October 2013 M7.2 Bohol Earthquake.

BUI 16 22:19:10.4,0.9,8.82N:124.23E,h25km,mb4.7/53, mb5.2/34,Ms4.6/14,Ms7.4/5/10

MOS 16 22:19:11.6,1.1,9.94N:124.07E,h31km,mb5.1/31,Error ellipse: s-maj=10.5km s-min=5.2km az=116.0

KLM 16 22:19:11.0,10.75N:124.40E,h10km,mb4.9

NEIC 16 22:19:12.4,2.6,9.93N:0.07:123.98E:0.08,h24km,2km, mb4.9/76

ISCJB 16 22:19:12.9,0.3,9.95N:0.02:124.11E:0.02,h37km,3km, mb4.9/97,MS3.8/13,Error ellipse: s-maj=3.8km s-min=2.9km az=174.5

DJA 16 22:19:16.0,0.5,10.1N:3.12x12.4E,h50km,4km,ML5.0/57, mb5.4/12,mb4.9/57,MLV5.0/33,Mw(mb)4.8/12

ISC 16 22:19:16.4,3.0,9.94N:0.03:124.06E:0.03,h35km,2km, n342,±176/361,mb4.8/118,MS3.9/13,18C-9D,Mindanao

Code Station Name A° AZ° Phase ID Time Res
LLP Lapu-Lapu 0.38 346f i/S Pn 22 19 19.0 -4.2

2013 OCT

ISCBJ 16 23:20:02.4+0.6,23.95N,0.02+122.54E,0.02,h5km,4km, Error ellipse: s-maj=3.4km s-min=2.5km az=169.9

TAP 16 23:20:03.5+23.94N,122.54E,h21km,1km,ML2.8,D JMA 16 23:20:03.7+0.1,24.02N,122.51E,h21km,ML2.3

ISC 16 23:20:02.5+1.0,23.99N,0.03+122.53E,0.02,h15km,9km,n71,c0868/95,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations like YJNG, YOY, YOJ, EOS1, NANS, ENA, TWD, NACB, TWC, ET LH, ESL, ILA, EGFH, NTC, TWE, ENT T, NDT, SLBB, HGSD, NNSB, IRIF, WHF, WNF, TIPB, NWLT, YHNB, NSK, NSK, YULB, YULB, NWF, WFSB, TDCB, TDCB, VWD T, VWD T, TWF1, TWF1, JKRS, JKRS, YM05, YM04, SMLT, JJJ, LIOB, TYC, ELDTW, ELDTW, ALS, JISG, CHN5, STYT, WDLH, TPUB, TPUB, CHN4, CHN4, WTP, WTP, RLNB, SLGT, SLGT, SGST.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like SGST, CHN1, CHN1, TWK, TWK, SNST, MASBT, EAST, PHUB, PWUC, PTMZ.

IDC 16 23:22:28.0+3.5,20.64S,-175.70W,h0km,mb4.0/2, mb1.4/2.2,mb1mx3.7/2.1,mbtmp4.0/2,Error ellipse: s-maj=208.6km s-min=53.2km az=154.0,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like ASAR, ASAR, WRA, AKASG, BRTR.

ISCBJ 16 23:30:36.9+0.5,24.72N,0.02+122.38E,0.02,h101km,4km, Error ellipse: s-maj=4.2km s-min=2.9km az=170.9

TAP 16 23:30:36.6+0.2,24.76N,122.38E,h104km,1km,ML3.2,C JMA 16 23:30:36.4+0.2,24.70N,122.35E,h105km,3km,ML2.5

ISC 16 23:30:37.4+1.5,24.71N,0.04+122.38E,0.03,h99km,9km,n70,c0882/123,5C-1D,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations like EOS1, EOS1, TWB1, TWC, TWC, TIPB, TIPB, JYNG, JYNG, YOJ, YOJ, YOW, YOW, NANS, NANS, ENA, ENA, TWE, TWE, NWF, NWF, WFSB, WFSB, SLBB, SLBB, ENT T, ENT T, TWA, TWA, NDT, NDT, NWLT, NWLT, NHDH, NHDH, TATO, TATO, YM01, YM01, YM01, YM08, YM08, YM08, YM11, YM11, YM11, YM10, YM10, YM10, YM03, YM03, YM03, YM03, NACB, NACB, YHNB, YHNB, NSK, NSK, NSK, NNSB, NNSB, TWD, TWD, TWD, TWS1, TWS1, TWS1, NNS, NNS, NNS, ET LH, ET LH, ET LH, HWA, HWA, WLBT, WLBT, ENLB.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations like NCU, NCUH, WHF, WHF, TWT, TWT, TWT, TDCB, TDCB, ESL, ESL, LIOB, LIOB, NSTT, NSTT, IRIF, IRIF, EGFH, EGFH, WHP, WHP, HATJ, HATJ, NMLH, NMLH, VWD T, VWD T, VWD T, DPDB, DPDB, DPDB, HGSD, HGSD, EHY, EHY, EHY, JKRS, JKRS, SMLT, SMLT, SMLT, SSLB, SSLB, SSLB, TYC, TYC, TYC, JIJ, JIJ, YULB, YULB, YULB, TWF1, TWF1, TWF1, JISG, JISG, YUS, YUS, YUS, ALS, ALS, ALS, CHN5, CHN5, CHN5, ELDTW, ELDTW, JTJ, JTJ, CHN4, CHN4, CHN4, TPUB, TPUB, TPUB, TWK, TWK, TWK, CHN1, CHN1, SLGT, SLGT, MASBT, MASBT, MASBT.

ISCBJ 16 23:32:26.9+0.3,8.86N,0.05+82.91W,0.03,h20km,4km, Error ellipse: s-maj=8.6km s-min=3.1km az=27.7

UPA 16 23:32:27.0+1.5,8.79N,82.90W,h18km,4km,MMW4.4 UCR 16 23:32:27.0+1.9,8.84N,82.91W,h15km,5km

ISC 16 23:32:27.4+0.9,8.81N,0.04+82.93W,0.03,h25km,5km,n37,c117/51,7C-4D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations like EDSV, EDSV, MLIR3, MLIR3, BCO2, BCO2, PTJ1, PTJ1, PTJ1, PTJ1, EDDB, EDDB, BAGA, BAGA, DVD, DVD, DVD, DVD, CCH3, CCH3, LOCO3, LOCO3, LOMA3, LOMA3, PEDE3, PEDE3, CHIR3, CHIR3, CHGR2, CHGR2, EDLM, EDLM, EDDO, EDDO, REME3, REME3, REME3, NANC3, NANC3, LCR2, LCR2, SJS, SJS, SRA1, SRA1, SFRAS, SFRAS.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like SNTIA3, CALO3, ARIE1, etc.

IDC 1623:37:27.0,4.9:71N:123:84E, h0km, mb5.0/28, mb1.5/130, mb1mx4.9/48, mbtmp:0/30, ML4.9/2, MS4.3/27, Ms1.4.3/27, ms1mx4.2/34, Error ellipse: s-maj=17.5km s-min=9.3km az=70.0

NEIC 1623:37:28.4,2.8,9:70N:123:79E:0.06, h10km,1km, mb5.3/149

BUI 1623:37:29.9,0.0,9:58N:123:91E, h32km, mb5.1/70, mb5.3/50, MS4.8/63, Ms7.4/60

MAN 1623:37:29.3,9:78N:123:79E, h11km, mb4.6, ML5.6, MS4.9

MAN Interim IV - Sibulan Negros Occidental, ISCJB 1623:37:30.4,0.5,9:75N:0.01x123:90E:0.02, h30km,3km, mb5.2/130, MS4.4/46, Error ellipse: s-maj=3.0km

GCMT 1623:37:30.4,0.1,9:75N:0.01x123:77E:0.01, h13km, MW5.2/123, Moment Tensor Solution, s58,c86; s123,c210; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.12e-17; Mw:3.89e-13; Ms:0.76e-13; Mv:4.31e-40; Mw-4.57e-10; Mw-3.89e-36; Best double couple: M6.960000x10^16 NP1:0.244.000000, delta.000000, lambda.97.000000. NP2:0.46.000000, delta.23.000000, lambda.73.000000. Principal axes: T 5.1870, Plg66.0000, Azm167.0000; N 3.5440, Plg7.0000, Azm62.0000; P -8.7320, Plg23.0000, Azm329.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-tensor function

MOS 1623:37:31.0,1.0,9:71N:123:78E, h36km, mb5.4/49 Error ellipse: s-maj=10.0km s-min=4.4km az=120.9

DJA 1623:37:32.0,0.5,10:NL:3:12.4E, h39km,4km, M5.3/90, mb5.7/61, mb5.3/90, ML5.8/83, Mw(m)5.2/61, Mw(m)5.3/90

KLM 1623:37:39.0,9:66N:123:91E, h75km, mb5.3

ISC 1623:37:31.5,0.5,9:73N:0.02x123:83E:0.03, h25km,3km, m641, s181/694, mb5.2/175, MS4.4/47, 28C-19D, Negros

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations across the region.

Main station list table (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations across the region.

Main station list table (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations across the region.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BTk Batken, KK31 Karatay Array, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GOF Gofitskoye, KARS Kars, and various other frequencies.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BR231 Bancas Point, BCPM Bancas Point, and various other frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, YKX Yellowknife Ar, YKC Yellowknife Ar, etc.

NIED 16 23:40:00.3670N,143.00E, h5km, Mw4.2 Best double couple: M2.27000,1.015 N1.312,24.00000, 829.00000, 1.82.00000, N2.2.195.00000, 861.00000, 1.95.00000

IDC 16 23:40:24.10.7,36.54N;143.20E, h0km, mb4.2/11, mb1.4/5.15, mb1mx4.1/2.5, mbmp4.2/1.5, ML4.1/3, MS3.1/1, Ms1.3/1.1, ms1mx2.6/3.2, Error ellipse: s-maj=18.9km s-min=17.0km az=120.0

ISCJB 16 23:40:26.6,0.3,36.65N;0.03;143.05E;0.0, h29km, mb4.2/11, Error ellipse: s-maj=4.3km s-min=3.1km az=152.8

JMA 16 23:40:28.3,0.1,36.66N;142.99E, h66km, M4.3 NEIC 16 23:40:28.1,3,0.36.61N;0.06;143.42E;0.1, h31km, 5km, mb4.5/13

ISC 16 23:40:28.4,0.6,36.65N;0.04;143.09E;0.06, h29km, n74, @191/97, mb4.4/7, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ERM Erimo, ASAJ Asahikawa, ASAJ 3.4nm,0.3s, etc.

MAN 16 23:40:56.7,9.72N;123.91E, h5km, mb3.5, ML4.6, MS3.4, Code Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 16 23:45:40.8,2.1,6.62S;129.54E, h0km, mb3.4/1, mb1.4/0.4, mb1mx3.6/4.0, mbtmp3.8/4, ML3.8/3, Error ellipse: s-maj=89.3km s-min=27.5km az=76.0, Banda Sea

BATI Baumata 6.82 338 Op ISC Pn 23 47 27.9 +5.6 6.2nm,0.3s,baz=18,slow=0.8,SNR=5.3

ISCJB 16 23:50:17.2,1.0,3.54S;0.07;100.46E;0.07, h33km, 7km, mb4.3/13, Error ellipse: s-maj=16.1km s-min=5.1km az=44.5

DJA 16 23:50:18.1,0.5,4.4S;101.0E, h51km, 21km, M4.4/18, mb4.4/8, mb5.6/3, MLV4.3/18, Mw(mb)5.1/3

IDC 16 23:50:18.7,1.2,3.50S;100.55E, h26km, 4km, mb4.1/12, mb1.4/2.13, mb1mx3.9/4.0, mbtmp4.3/13, ML4.0/1, Error ellipse: s-maj=37.4km s-min=14.2km az=54.0

NEIC 16 23:50:19.1,2.0,3.55S;0.05;100.56E;0.07, h32km, 6km, mb4.4/17

ISC 16 23:50:17.9,0.9,3.53S;0.07;100.55E;0.07, h25km, 5km, h25ktv, p,n7, @195/66, mb4.4/20, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, KRJI Maura Aman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kappang, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

ISCJB 17 00:01:06.0,6.0,8.86N;0.05;82.91W;0.04, h25km, 7km, Error ellipse: s-maj=9.5km s-min=4.9km az=28.1

UPA 17 00:01:06.7,0.6,8.88N;82.89W, h23km, 6km, ML3.5 UCR 17 00:01:06.4,0.8,8.87N;82.90W, h25km, 2km, ML3.6

ISC 17 00:01:06.5,1.1,8.85N;0.06;82.92W;0.04, h29km, 7km, n14, @058/21, 3C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EDSV San Vito, MLIR3 Monte Lirio, BCO2 Palmira, etc.

SJA 17 00:10:56.1,0.4,34.49S;71.91W, h27km, 2km, ML3.7, MW3.7, ISCJB 17 00:10:57.0,7.0,34.49S;71.91W;0.06, h35km, mb2.9/8, MS3.9/2, Error ellipse: s-maj=7.7km s-min=3.7km az=2

17d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates and frequencies.

THE 1700:22:08.8, 41:40N:19:89E, h10km, 2km, ML2.2/2, Error ellipse: s-maj=6.1km s-min=1.0km az=301.0
PDG 1700:22:08.9, 41:36N:19:96E, h10km, ML2.3/9, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0

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

IS/CJB 1700:33:13.7, 0.6, 14:11N:0:03:93:10E:0:04, h38km, 2km, mb4.0/16, MS3.8/1, Error ellipse: s-maj=7.2km s-min=5.1km az=18.3
NEIC 1700:33:14.3, 2.3, 14:06N:0:06:93:01E:0:10, h32km, 5km, mb4.2/11

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

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

BEO 1701:04:09.8, 0.5, 41:16N:20:26E, h5km, 2km, ML2.0/11 ATH 1701:04:09.3, 41:28N:20:32E, h12km, 4km, ML2.4/2, Error ellipse: s-maj=5.3km s-min=1.1km az=21.0
THE 1701:04:09.6, 41:21N:20:22E, h9km, 2km, ML2.0/1, Error ellipse: s-maj=2.8km s-min=0.6km az=236.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sarande, Plav, Podgorica, Berane, etc.

IDC 17 01:47:03.8±0.2, 9°11'S; 114°21'E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/43, mbtm3.8/4, Error ellipse: s-maj=118.1km s-min=22.9km az=49.0

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

SNET 17 01:49:11.4±1.3, 13°95'N; 91°66'W, h35km, 99km, ML3.2 GCG 17 01:49:13.8±0.6, 13°99'N; 91°50'W, h32km, 13km, MD3.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Entre ros, Fuego 3, Ixpaco, etc.

IDC 17 02:02:44.5±2.5, 29°77'S; 68°62'W, h84km, 21km, mb3.1/2, mb2 3.5/7, mb1mx3.4/23, mbtm3.6/7, MS3.2/1, Ms1 3.2/1, ms1mx2.6/7, Error ellipse: s-maj=32.8km s-min=24.6km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Blas, San Jose, Marmora, etc.

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

REN 17 02:16:03.5±1.6, 38°42'N; 0°02'118.74W; 0.01, h2km, 6km, ML2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ryan, Mina Array Sit, Walker, etc.

IDC 17 02:18:50.0±1.0, 27°83'N; 65°77'E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.5/51, mbtm3.7/8, ML3.8/1, MS3.2/9, Ms1 3.2/9, ms1mx2.9/39, Error ellipse: s-maj=26.4km s-min=23.7km az=127.0

ISJCJB 17 02:18:53.0±0.7, 27°67'N; 0°08:65'51E±0.07, h33km, mb3.6/7, MS3.1/7, Error ellipse: s-maj=13.2km s-min=6.2km az=145.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Wadi Sarin, Wadi Bani Khal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, Palk, Kurchatov Arra, etc.

IDC 17 02:19:45.2±4.3, 3°15'S; 100°84'E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/49, mbtm3.7/4, Error ellipse: s-maj=178.0km s-min=24.3km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Padang, Sungai Dareh, Lahat, etc.

TRN 17 02:21:30.8, 18°45'N; 62°71'W, h7km, MD4.0, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like St. Maarten, Saba, St. Eustatius, etc.

SJA 17 02:21:35.0±1.0, 21°82'S; 67°18'W, h185km, 13km, ML2.9, MW3.1

ISJCJB 17 02:21:36.8±1.4, 21°92'S; 0°06:67'27W±0.04, h175km, 15km, Error ellipse: s-maj=9.8km s-min=5.7km az=21.6

GUC 17 02:21:36.8±0.6, 21°89'S; 67°59'W, h207km, 13km, ML3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yavi, IPOC Station P, Humahuaca, etc.

17d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G001 Chusmiza, PB11 IPOC Station P, etc.

UPA 17 02:43:19.3:1.1, 7.77N, 82.65W, h25km, 6km, MD3.5, MW4.5, 2C-1D, South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBAR3 San Bartolo, C, PED3 Pedregal, Chir, etc.

SOME 17 02:43:40.2, 39.65N, 75.73E, h10km, NNC 17 02:43:51.8:3.3, 40.12N, 76.01E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=25.3km s-min=19.2km az=148.0

KRNET 17 02:43:51.8:0.1, 40.07N, 75.62E, mb3.2, ISC 17 02:43:49.2:2.2, 40.01N, 0.08:75.77E, h0km, 14km, n54, c1535/83, 24C-15D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NRN Narin, KZA Kyzart, ARLS Aral, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK baz=42, TKM2 Tokmak 2, FRU1 Bishkek, etc.

DDA 17 03:01:04.4, 40.88N, 44.31E, h8km, 1km, ML2.5, TIF 17 03:01:04.8, 40.92N, 44.32E, h6km, 1km, NORS 17 03:01:05.4:0.0, 41.10N, 44.81E, h4km, MPVA3.3, MOS 17 03:01:06.7:0.0, 41.07N, 44.33E, h5km, MPVA2.8, ISC 17 03:01:05.9:1.1, 40.93N, 0.02:44.23E, h0km, 12km, n30, c0878/55, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZRT Kazreti, EAK Akyaka, BGD Boghdanovka, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DIGO Kars, BTNK Botanikuru, EPOS Posof, etc.

17d 5h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include PESTR Estremoz, ETOB Tobarra, PMTG Montargil, PAB San Pablo, PMST Lisbo-n Monsan, ALMR Almeirim, PMAFR Mafra, PCBR Castelo Branco, EPLA Placencia, PTOM Tomar, MTE Manteigas, GUD Guadarrama, ETOR Torete, MVO Moncorvo, POLO Lamas de Olo, ECAL Calabar, ELOB Lobios, EAGO Aguladas, etc.

ISCJB 17 04:31:41.8±0.5, 33°11'N, 02°5'13'W, h21km, 5km, Error ellipse: s-maj=7.6km s-min=3.8km az=166.1 CNRM 17 04:31:41.5±0.5, 32°9'N, 5°22'W, h5km, m2.6 INMG 17 04:31:41.4±1.1, 32°9'N, 5°19'W, h10km, ML2.0, Error ellipse: s-maj=7.3km s-min=2.9km az=46.0 MDD 17 04:31:42.9±3.3, 02°N, 5°20'W, h0km, mb3.2, Error ellipse: s-maj=49.2km s-min=29.2km az=87.0, PRXIMO ISC 17 04:31:41.0±1.2, 33°00'N, 04°5'20'W, 0.04, h13km, 10km, n24, c1956/46, Morocco

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include CZD Col de Zed, MD31 MD31, MDT Midelt, SICH Sidi Chahed, GOLM Goulmima, GJKB Goulm, ARF Arif, OUZM OUZ, JBK JBK, TDRA Tendrara, OUK Oukaimeden, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, EGRO El Granado, EMIN Mina Concepcio, EMIN Mina Concepcio, ECAB El Cabril, PCVE Castro Verde, PCVE Castro Verde, EADA Adamuz, EBAD Badajoz, EBAD Badajoz, PESTR Estremoz, PMRV Marv??o, PMRV Marv??o, PMRV Marv??o

NIED 17 04:31:00.37°10'N, 141°10'E, h53km, Mw3.9 Best double couple: M=8.44000e+1014 NP1=205.00000e+319.00000e+186.00000e+ NP2=209.00000e+871.00000e+071.00000e+ ISCJB 17 04:31:56.7±0.6, 37°09'N, 03°14'12'E, h55km, 4km, mb3.9/10, MS3-4/1, Error ellipse: s-maj=9.7km s-min=4.8km az=18.1 JMA 17 04:31:58.2±0.1, 37°11'N, 141°11'E, h53km, 1km, M4.0 Broadband fault plane solution: P waves, NP1: 0±12.00000e+070.00000e+088.00000e+ NP2=198.00000e+

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820.00000e+, 0.96.00000e+ Principal axes: T P1665.0000e+, Azm279.0000e+, N P162.0000e+, Azm13.0000e+, P P125.0000e+, Azm104.0000e+, JMA Felt III J1, IDC 17 04:31:59.2±2.1, 37°10'N, 141°05'E, h60km, 20km, mb3.7/10, mb1 3.8/13, mb1mx3.6/40, mbtmp:0/13, MS3.0/4, Ms1 3.0/4, ms1mx2.7/42 Error ellipse: s-maj=23.2km s-min=13.9km az=89.0 ISC 17 04:31:57.6±1.1, 37°09'N, 0°04'14'21"E, 0°08, h48km, 8km, n38, c089/43, mb3.8/10, 10D, Near east coast of eastern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include ONAJ Iwakimizuishi, ONAJ Kawauchi, JFK Fukushimafurud, JFFD JFO Hitachi, JHO JHO Otama, JMT Marumori, JMM Yanaizu, JFY Okura, JOU Ouri, JIO Shirataka, JYS Ashikaga, JAG Katashina, JKT MJAR Matushiro Arr, MJAR Matushiro, MAT Matushiro, MAT Hachijo jima, JHJ, JHU, ASAJ Asahikawa, NAK Nakatsu, JNR Ussuriysk Arr, KLR Kuldur, SONM Songino Array, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Arr, MKAR Makanchi Arr, ILAR Eielson Array, INK Inuvik, WRA Warramunga Arr, FINES FINESS Array B, NB2 NORARS Subarra, NOAO Malin Array Be, GERES GERES Array B, TORD Torodi Arr, LPAZ La Paz, MAN 17 04:37:00.9±9.8, 3N:123.83E, h1km, mb4.3, ML3.1, MS2.9, 4C-1D, Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include TBP Tagbilaran, LLP Lapu-Lapu, MSLP Maasin, GUMI Jordan, PLP Palo, RCP Roxas, PAGZ Pagadian, BUKP Musuan, IPIL Ipil, KCP Kidapawan, MAN 17 04:46:02.0±0.0, 60°24'N, 60°00'E, h1km, ML3.0/3, NNC 17 04:46:04.1±10.0, 60°03'N, 61°20'E, h0km, mb3.7, mpv3.7, Error ellipse: s-maj=80.7km s-min=51.6km az=164.0 ISC 17 04:46:02.0±2.1, 60°51'N, 02°45'E, 0.09, h35km, n6, c218/12, 6C-2D, Ural Mountains region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include PR1R Pomanovo, PR1R Pomanovo, PR4R Vlasny, ARU Arti, ARU Arti, BRVK Beroyev, BRVK Beroyev, AKTO Aktyubinsk, AKTO Aktyubinsk, AB31 Akbulak array, AB31 Akbulak array, AB31 Akbulak array, NNC 17 05:12:02.0±5.3, 36°80'N, 70°98'E, h161km, 106km, mb2.8, mpv3.6, 3C-5D, Error ellipse: s-maj=48.6km s-min=31.3km az=28.0, Hindu Kush region, KK31 Karatay Array

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include KK31, AAK Ala-Archa, AAK Ala-Archa, TKM2 Tokmak 2, TKM2 Tokmak 2, AB31 Akbulak array, AB31 Akbulak array

ISCJB 17 05:19:35.3±1.4, 1°0'N, 0°1'x126°41'E, 0°08, h10km, mb3.8/3, Error ellipse: s-maj=20.7km s-min=8.3km az=26.5 IDC 17 05:19:35.5±1.8, 0°89'N, 126°34'E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/34, mbtmp3.7/4, ML3.3/1, Error ellipse: s-maj=11.3km s-min=23.5km az=68.0 DJA 17 05:19:38.0±0.4, 0°1'N, 4°12'6"E, h10km, M3.8/5, MLv3.8/5 ISC 17 05:19:37.2±1.5, 0°9'N, 0°2'126°42'E, 0°1, h10km, n6, c192/8, mb4.0/3, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include LBMI Labuha, LBMI Labuha, KMSI Cibinong, KMSI Cibinong, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Makanchi Array, ASAR Makanchi Array

ISCJB 17 05:38:34.0±3.0, 9°72'N, 0°03', 123°66'E, 0°03, h10km, mb3.8/6, MS3.6/15, Error ellipse: s-maj=4.6km s-min=3.8km az=153.9 IDC 17 05:38:34.3±1.1, 9°61'N, 123°79'E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/47, mbtmp3.9/6, MS3.6/20, Ms1 3.6/20, ms1mx3.4/49, Error ellipse: s-maj=51.5km s-min=19.9km az=65.0 NEIC 17 05:38:34.5±1.9, 6°22'N, 0°08', 123°87'E, 0°08, h10km, 1km, mb4.4/15 MAN 17 05:38:35.9±9.7, 71°N, 123°72'E, h5km, mb5.0, ML3.9, MS4.0 ISC 17 05:38:35.2±0.5, 9°70'N, 0°03', 123°66'E, 0°03, h10km, n64, c119/165, mb4.1/11, MS3.6/15, 7C-1D, Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include TBP Tagbilaran, LLP Lapu-Lapu, LLP Lapu-Lapu, DCPH Dipolog City, DCPH Dipolog City, MSLP Maasin, MSLP Maasin, GUMI Jordan, GUMI Jordan, CGP Cagayan de Oro, CGP Cagayan de Oro, PAGZ Pagadian, PAGZ Pagadian, PLP Palo, PLP Palo, RCP Roxas, RCP Roxas, BUKP Musuan, BUKP Musuan, BTKB Cotabato-PC H, BTKB Cotabato-PC H, KCP Kidapawan, KCP Kidapawan, OTRP Odiongan, OTRP Odiongan, DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), SJMP San Jose, SJMP San Jose, LQP Lukban, LQP Lukban, TGY Tagaytay City, TGY Tagaytay City, KKM Kota Kinabalu, KKM Kota Kinabalu, SJIJ Sorong, SJIJ Sorong, KAPI Kappang, KAPI Kappang, BATI Baumata, BATI Baumata

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include JAGI Jagug, Banyuwa, JAY Jayapura, GUMO Guam, GUMO Guam, MYKOM Kota Tinggi, MYKOM Kota Tinggi, SARN Sarigan, SARN Sarigan, JNU Nakatsue, JNU Nakatsue, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PPR Prapa, PPR Prapa, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, KSRS Korea Arr, KSRS Korea Arr, MJAR Matushiro Arr, MJAR Matushiro Arr, WR1 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, USRK Ussuriysk Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, ASAJ Asadkava, ASAJ Asadkava, MK32 Makanchi Array, MK32 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, TARG Taragay, TARG Taragay, PINNC Pines Island, PINNC Pines Island, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, KKAR Karatay Array, KKAR Karatay Array, NRIK Noril'sk, NRIK Noril'sk, GEYT Alibek, GEYT Alibek, GEYT Alibek, GEYT Alibek, ABKAR Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, DOT Dot Lake, DOT Dot Lake, BCAR Beaver Creek A, BCAR Beaver Creek A, BRTR Keskin Array B, BRTR Keskin Array B

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EPYK Eagle Plains, AKASG Malin Array B, AKASG Malin Array Be, INK Inuvik, INK Inuvik, KMBO Kilima Mbogo.

BUI 17 05:45:57.1,0.0,9:52N,124:41E,h6km,mb4.7/36, mb4.9/19,Ms4.6/6,Ms7.4/34, IDC 17 05:46:01.0,0.0,6.9:87N,124:39E,h0km,mb4.1/19, mb1.4/2/19,mb1mx4.1/46,mbmp4.1/19,Error ellipse: s-maj=23.6km s-min=13.0km az=75.0, NEIC 17 05:46:01.8-1.9,9:96N,0:06:124.15E:0:03,h10km,1km, mb4.6/67

MAN 17 05:46:02.5,9:90N,124:31E,h5km,mb5.3,ML4.2,MS4.4, ISCJB 17 05:46:03.3-0.5,9:97N,0:02:124:28E:0:02,h27km,3km, mb4.7/35,MS4.5/1,Error ellipse: s-maj=4.0km s-min=2.8km az=162.0, DJA 17 05:46:09.2,1.2,10:10N,9:12:4E,1:h47km,13km,MA.8/12, mb5.5/5,mb4.6/12,MLv5.0/1,Mw(m)B4.9/5, ISC 17 05:46:03.2-0.7,9:93N,0:03:124:28E:0:03,h15km,4km, n172,179/194,mb4.5/7,9C-2D,Mindanao

Main table for 847 station data, listing codes, station names, coordinates, and observation details.

Main table for 2013 OCT station data, listing codes, station names, coordinates, and observation details.

Table for 17d 6h station data, listing codes, station names, coordinates, and observation details.

MAN 17 05:55:23.6,9:91N,124:31E,h10km,mb4.4,ML3.2,MS3.0, 4C-1D,Mindanao

Table for 17d 6h station data (continued), listing codes, station names, coordinates, and observation details.

KNET 17 06:19:20.1,0.3,42:63N,74:97E,h12km,3km,ml3.2, Error ellipse: s-maj=2.2km s-min=1.8km az=0.0, SOME 17 06:19:21.5,42:63N,75:02E,h10km, NNC 17 06:19:21.3,0.2,42:68N,74:96E,h0km,mb4.1,mvp4.0, Error ellipse: s-maj=3.9km s-min=0.6km az=163.0, KRNET 17 06:19:21.1,0.1,42:63N,74:97E,h16km,mb3.9, ISC 17 06:19:21.0,8,42:61N,0:02:74:97E:0:01,h10km,5km, n101,110/181,64C-47D,Kyrgyzstan

Main table for 17d 6h station data, listing codes, station names, coordinates, and observation details.

17d 6h

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like Erkin-Say, ARLS, ULHL, AML, MTBS, IZV, MRKS, NRN, TNS, AAA, KND, KUU, KUD, MDOK, KTBS, KDJ, CHKK, ARSB, ANVS, TARG, ARK, KURS, and KURS.

2013 OCT

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like KURS, BTLS, ARXS, DZA, KKK31, PDGK, TDK, IUG, DJR, KAPS, KAP, OTUK, MAZK, MK31, KURBB, KURK, AB31, and VYHS.

848

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like JRY, KRSR, KS19, YOJ, USRK, USRK, NACB, MDJ, KLR, HIA, ENH, XAN, QIZ, SONAO, SONM, SOMN, PBKT, CHTO, CMAR, SHL, SHL, IPM, WRAB, WB2, WR1, WRA, WRA, WRA, WRA, ZALV, ZALV, ZAA1, RAMN, JIRN, GUN, PKI, PKIN, KKN, MK31, MK32, MKAR, MKAR, DMN, GKN, ASAR, ASAR, DANN, KOLN, KURK, KURK, KURB, KNK, ILAR, BVAO, BVAO, BRVK, BRVK, NIL, NIL, KKK31, KKKAR, GAR, KBL, ARU, ARU, ARU, ABKAR, ABKAR, ABKAR, ABKAR, ARAO, ARCS, FIAO, FINE, KBZ, AKASG, AKASG, RAYN, BR101, BRTR, TOA1, TORD, TORD, KRV, HNR, HNR, HNR, HNR.

NEIC 17 06:22:57.7:1.0, 27:2N:0.1;143:36E:0.04, h10km, 1km, mb4.7/31

ISCJB 17 06:22:59.1:0.4, 27:32N:0.04;143:43E:0.05, h33km, mb4.2/16, Error ellipse: s-maj=7.7km s-min=5.0km

IDC 17 06:23:01.6:5.7, 27:22N:143:31E, h32km, 40km, mb4.0/16, mb1.4/18, mb1mx3.9/60, mbtmp4.2/18, ML3.5/2, MS3.3/2, Ms1.3/3.2, ms1mx2.7/44, Error ellipse: s-maj=25.5km s-min=15.7km az=88.0

JMA 17 06:23:01.0:0.2, 27:37N:143:18E, h78km, M4.1

ISC 17 06:23:02.1:0.8, 27:39N:0.06;143:25E:0.09, h35km, n83, c1903/91, mb4.5/27, Bonin Islands region

ISCJB 17 06:31:40.5:0.2, 6:58S:0.04;154:81E:0.03, h10km, mb4.9/57, MS3.9/16, Error ellipse: s-maj=6.7km

MOS 17 06:31:42.9:0.9, 6:58S:154:81E, h28km, mb4.9/30, Error ellipse: s-maj=9.5km s-min=8.8km az=62.5

IDC 17 06:31:43.3:4.5, 6:62S:154:87E, h19km, 27km, mb4.4/20, mb1.4/21, mb1mx4.4/44, mbtmp4.5/21, ML4.1/1, MS3.9/15, Ms1.4/6.0, ms1mx3.8/27, Error ellipse: s-maj=22.7km s-min=14.1km az=104.0

NEIC 17 06:31:43.8:1.7, 6:63S:0.09;154:79E:0.06, h26km, 3km, mb4.8/80

DJA 17 06:31:45.2:1.8, 7:5S:15:5E, h27km, 13km, M5.0/19, mb6.6/2, mb5.0/19, Mw(mb)6.4/2

ISC 17 06:31:42.0:0.3, 6:31S:0.05;154:81E:0.05, h10km, h103km, P-P, n71, c1844/271, mb4.8/82, MS4.0/17, C, Bougainville-Solomon Islands region

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like Port Moresby, Pohnpei, Jayapura, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like CMAR, CMAR, CMAR, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like ZALV, ZALV, ZALV, etc.

17d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIV, OBN, T47A, AKASG, PLCA, etc.

ISK 17 07:04:49.6,36.70N,44.63E, h6km, ML2.9/2
DDA 17 07:04:49.2,37.09N,44.82E, h7km, ML2.5
ISN 17 07:04:51.2,37.11N,44.74E, h15km,10km, ML2.7

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

ISK 17 07:07:05.1,36.51N,44.64E, h12km, ML3.5/4
TEH 17 07:07:08.2,37.14N,44.86E, h6km, ML3.0
DDA 17 07:07:08.7,37.15N,44.80E, h7km,3km, ML3.0

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

2013 OCT

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

ISCJB 17 07:09:25.9,1.0,6:9S:0.1,154.8E:0.1, h41km, mb3.8/6,
MS3.1/1, Error ellipse: s-maj=18.7km s-min=12.0km

ISC 17 07:09:27.5,6.5,6:90S,154.81E, h42km,54km, mb3.7/6,
mb1.4/0.7, mb1mx3.7/40, mb1tp3.9/7, ML3.7/1, MS3.2/2,

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

ISC 17 07:09:27.2,1.1,6:9S:0.1,154.8E:0.1, h41km, n12,
o4543.9, mb3.8/6, Bougainville-Solomon Islands region

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

ISCJB 17 07:14:34.5,0.6,39:65N,0:03:38:56E:0:03, h4km,5km,
Error ellipse: s-maj=4.6km s-min=4.5km az=152.3

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

ISC 17 07:14:34.1,39:63N,38:56E, h9km, ML2.3/6
DDA 17 07:14:34.1,39:63N,38:56E, h7km,2km, ML2.7

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

850

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

IDC 17 07:17:07.5:13.0, 14:07S, 168:43E, h80km,103km,
mb3.9/3, mb1.4/1.4, mb1mx3.5/38, mbtpm4.2/4, ML4.1/1,

ISCJB 17 07:17:14.5:0.8, 14:81S:0:07:167:48E:0:10, h100km,
mb4.0/3, Error ellipse: s-maj=13.8km s-min=8.9km

NEIC 17 07:17:15.4:1.9, 14:8S:0:1:167:4E:0:2, h86km,14km,
mb4.0/9

ISC 17 07:17:16.1:1.1, 14:8S:0:1:167:6E:0:1, h100km, n22,
o2306/25, mb4.1/7, Vanuatu Islands

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

IDC 17 08:00:21.3:3.8, 8:13S, 155:96E, h0km, mb3.5/3,
mb1.3/2.3, mb1mx3.5/33, mbtpm3.5/3, MS3.1/1, Ms1.3/1.1,

ms1mx2.6/16, Error ellipse: s-maj=113.1km,
s-min=40.0km az=120.0, Bougainville-Solomon Islands region

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

IDC 17 08:09:14.9:1.1, 11:95N,88:60W, h0km, mb3.7/8,
mb1.4/0.2, mb1mx3.3/33, mbtpm3.8/12, ML2.8/4, MS2.7/3,

MS1.2/3, ms1mx2.5/30, Error ellipse: s-maj=38.1km,
s-min=16.3km az=51.0

SNET 17 08:09:17.4:1.4, 11:91N,88:75W, h35km,19km, ML4.4,
ML3.8

ISCJB 17 08:09:17.8:0.4, 11:94N,0:03:88:65W:0:03, h40km,3km,
mb3.7/8, MS2.8/1, Error ellipse: s-maj=6.0km s-min=2.5km az=41.1

NEIC 17 08:09:19.7:2.1, 12:06N,0:06:88:57W:0:06, h36km,9km,
mb4.2/6/4

GC 17 08:09:19.6:0.8, 11:78N,89:09W, h35km,646km, MD4.3
ISC 17 08:09:19.6:0.8, 12:01N,0:05:88:64W:0:04, h37km,1km,
n181, r182/26/214, mb4.2/38, ID, Off coast of central America

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

Table with columns: Station Name, Frequency, Mode, Band, Time, and other parameters. Includes stations like FAGO, LBRS, SNET, UTEC, OPAM, SBLS, RCON, MESS, etc.

Table with columns: Station Name, Frequency, Mode, Band, Time, and other parameters. Includes stations like Z50A, ATAH, GOGA, Y49A, W41B, etc.

Table with columns: Station Name, Frequency, Mode, Band, Time, and other parameters. Includes stations like RCP, BUKP, KCP, YOVA, CUKT, HAKT, MSL, etc.

17d 10h

ILAR	Eielson Array	89.33	13.2	P	Op	ISC	09 06 37.5	-0.4	2.0nm,0.8s,baz=119,slow=5.1,SNR=4.6
CMAR	Chiang Mai Arr	89.67	29.0	P	P	P	09 06 42.4	+1.8	0.3nm,0.5s,baz=215,slow=6.3,SNR=4.2
ARCS	ARCS Array B	129.63	349	PKPdf	PKPdf	PKPdf	09 12 45.6	-1.0	1.4nm,0.5s,baz=123,slow=2.9,SNR=6.6
FINES	FINESS Array B	136.38	343	PKKIP	PKKIP	PKKIP	09 13 00.1	-1.1	2.0nm,0.8s,baz=15,slow=1.4,SNR=7.3
AKASG	Malin Array Be	143.39	330	PKPab	PKPab	PKPab	09 13 09.8	-0.9	0.3nm,0.7s,baz=18,slow=5.8,SNR=3.6
BRTR	Keiskin Array B	146.83	311	PKPbc	PKPbc	PKPbc	09 13 20.8	-0.9	0.7nm,0.4s,baz=42,slow=4.3,SNR=12

ISK 17 09:17:45.7,42.23N,26.28E,h11km,ML2.5/4
 IS/CJB 17 09:17:46.4,0.7,42.21N,0.03,26.27E,0.05,h8km,6km
 Error ellipse: s-maj=6.7km s-min=4.7km az=144.0
 SOF 17 09:17:46.3,42.20N,26.29E,h14km
 BEO 17 09:17:46.4,1.5,42.07N,26.22E,h0km,ML2.3/3
 ISC 17 09:17:46.7,1.2,42.20N,0.03,26.28E,0.03,h6km,11km,
 n16,c0545/25,Bulgaria

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res	ISC
							h m s	ISC	ISC
JMB	Yambol	0.34	40	Pg	Op	ISC	09 17 53.4	-0.1	1
JMB	Yambol	0.34	40	Pg	Pg	Pg	09 17 53.1	-0.4	4
JMB	Yambol	0.34	40	Pg	Pg	Pg	09 17 58.4	+0.4	4
EDRB	Edirne	0.49	136	Pg	Pg	Pg	09 17 56.4	+0.1	1
EDRB	Edirne	0.49	136	Pg	Pg	Pg	09 18 03.4	+0.7	1
DIM	Dimitrovgrad	0.58	255	Pg	Pg	Pg	09 17 57.5	-0.4	4
KDZ	Kurdzhali	0.85	230	Pg	Pg	Pg	09 18 03.9	0.0	1
UKOP	Uzunkopru-Edir	1.11	166	PN	Pb	Pb	09 18 07.9	0.0	1
UKOP	Uzunkopru-Edir	1.11	166	PN	Pb	Pb	09 18 24.1	-0.1	1
PLPD	Plovdiv	1.18	266	PN	Pb	Pb	09 18 08.5	+0.9	1
RDO	Rhodopi	1.20	208	PN	Pb	Pb	09 18 09.2	+0.5	1
RDO	Rhodopi	1.20	208	PN	Pb	Pb	09 18 25.6	+0.2	1
PRD	Provadia	1.29	39	Pn	Pn	Pn	09 18 10.5	-0.8	1
ALN	Alexandroupoli	1.32	188	PN	Pb	Pb	09 18 11.4	-0.2	1
ALN	Alexandroupoli	1.32	188	PN	Pb	Pb	09 18 29.0	+0.1	1
ERIK	Erikli-Kesane	1.54	173	PN	Pb	Pb	09 18 14.2	+0.5	1
ERIK	Erikli-Kesane	1.54	173	PN	Pb	Pb	09 18 35.1	+0.1	1
SLVT	Silivri	1.74	123	PN	Pb	Pb	09 18 16.9	+0.5	1
VTS	Vitoshka	2.29	281	ePn	Pn	Pn	09 18 24.9	-0.3	1
VTS	Vitoshka	2.29	281	ePn	Pn	Pn	09 18 53.9	+0.1	1
VTS	Vitoshka	2.29	281	ePn	Pn	Pn	09 18 25.6	+0.4	1
ZAPS	Zavoj	2.89	293	ePn	Pn	Pn	09 18 33.8	+0.5	1
ZAPS	Zavoj	2.89	293	ePn	Pn	Pn	09 18 40.0	+0.3	1
BARS	Barje	3.36	282	ePn	Pn	Pn	09 18 40.0	+0.3	1
BARS	Barje	3.36	282	ePn	Pn	Pn	09 19 20.0	+0.1	1

ISC/JB 17 09:22:17.9,0.9,6.78S,0.06,129.58E,0.08,h150km,
 mb3.2/1, Error ellipse: s-maj=11.8km s-min=8.9km az=6.3
 IDC 17 09:22:19.9,2.1,6.73S,129.57E,h159km,25km,mb3.1/1,
 mb1 3.3/6,mb1mx3.1/45,m1btmp3.8/6, Error ellipse:
 s-maj=36.3km s-min=19.6km az=96.0

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res	ISC
							h m s	ISC	ISC
SJUI	Sorong	6.17	14	P	Pn	Pn	09 23 47.7	+0.8	2.6nm,0.3s,baz=118,slow=2.2,SNR=1.1
SJUI	Sorong	6.17	14	P	Pn	Pn	09 24 52.9	-3.7	1
BATI	Baumata	6.85	241	P	P	P	09 23 57.9	+2.0	2.0nm,0.3s,baz=229,slow=19,SNR=5.1
BATI	Baumata	6.85	241	P	P	P	09 25 10.8	-2.0	7.1nm,0.3s,baz=239,slow=7.7,SNR=7.2
BATI	Baumata	6.85	241	P	P	P	09 25 10.8	-2.0	9.3nm,0.3s,baz=295,slow=7.9,SNR=3.5
FITZ	Fitzroy Crossi	11.83	199	P	Pn	Pn	09 25 04.3	+2.4	0.9nm,0.3s,baz=20,slow=10.0,SNR=15
FITZ	Fitzroy Crossi	11.83	199	P	Pn	Pn	09 27 06.6	-6.2	0.6nm,0.3s,baz=53,slow=20,SNR=4
WRA	Warramunga Arr	13.72	161	P	Pn	Pn	09 25 28.6	+2.3	0.3nm,0.3s,baz=342,slow=13,SNR=22
WRA	Warramunga Arr	13.72	161	P	Pn	Pn	09 27 55.5	-2.8	0.8nm,0.3s,baz=337,slow=22,SNR=12
ASAR	Alice Springs	17.16	167	P	Pn	Pn	09 26 13.4	+4.8	0.1nm,0.3s,baz=340,slow=9.3,SNR=11
ASAR	Alice Springs	17.16	167	P	Pn	Pn	09 29 17.4	-1.7	0.2nm,0.3s,baz=347,slow=25,SNR=5
MKAR	Makanchi Array	67.99	327	P	P	P	09 33 00.4	-0.3	0.3nm,0.5s,baz=115,slow=6.9,SNR=3.4

NNC 17 09:36:40.7,11.0,39.02N,70.78E,h0km,mb3.3,mpv2.9,
 Error ellipse: s-maj=88.3km s-min=70.5km az=31.0
 KRNET 17 09:36:47.9,0.1,39.27N,72.49E,mb2.2
 ISC 17 09:36:47.6,6.6,39.33N,0.12,72.47E,0.09,h10km,n6,
 z238/9,6C-4D,Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res	ISC
							h m s	ISC	ISC
BTK	Batken	1.51	303	Op	Pb	Pb	09 37 14.9	+0.2	1
BTK	Batken	1.51	303	Op	Pb	Pb	09 37 34.9	+0.4	1
ARSB	Arslanbob	2.11	111	P	Pn	Pn	09 37 23.2	+0.1	1
ARSB	Arslanbob	2.11	111	P	Pn	Pn	09 37 48.6	-0.8	1
ARLS	Aral	2.97	281	P	Pn	Pn	09 37 35.3	+0.4	1
ARLS	Aral	2.97	281	P	Pn	Pn	09 38 09.4	-1.2	1
AAK	Ala-Archa	3.71	24	Pg	Pg	Pg	09 38 02.7	+3.9	1.2nm,0.8s
AAK	Ala-Archa	3.71	24	Pg	Pg	Pg	09 39 07.3	1	1
KK31	Karatay Array	4.12	340	Op	Pb	Pb	09 37 57.7	-2.5	0.5nm,0.3s,baz=201,slow=16,SNR=4.1
KK31	Karatay Array	4.12	340	Op	Pb	Pb	09 38 47.0	1	1
TKM2	Tokmak 2	4.36	32	Pn	Pb	Pb	09 38 01.3	-3.1	1.6nm,0.3s,baz=198,slow=3.1,SNR=8.3
TKM2	Tokmak 2	4.36	32	Pn	Pb	Pb	09 39 31.6	1	2.2nm,1.3s
TKM2	Tokmak 2	4.36	32	Pn	Pb	Pb	09 39 31.6	1	3.0nm,1.4s

ISC/JB 17 09:37:45.7,0.6,28.17N,0.05,99.52E,0.05,h10km,
 mb3.6/7,MS3.1/6, Error ellipse: s-maj=7.1km s-min=6.7km
 az=142.6
 IDC 17 09:37:46.8,0.9,28.24N,99.51E,h0km,mb3.7/7,
 mb1 3.9/8,mb1mx3.6/60,m1btmp3.7/8,ML3.9/1,MS3.1/7,
 Ms1 3.1/7,ms1mx2.9/42, Error ellipse: s-maj=33.8km
 s-min=15.6km az=65.0

BUI 17 09:37:47.7,0.0,28.23N,99.49E,h8km,ML3.5/6,
 Ms7 3.5/1
 ISC 17 09:37:47.9,0.8,28.21N,0.06,99.42E,0.07,h10km,n17,
 r137/14,mb3.6/7,MS3.2/6,Yunnan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res	ISC
							h m s	ISC	ISC
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 39 03.9	+0.5	1
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 40 03.9	-1.4	1
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 40 03.9	-1.4	1
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 40 03.9	-1.4	1
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 40 03.9	-1.4	1
KMI	Kunming	4.28	135	Pg	Pb	Pb	09 40 03.9	-1.4	1
CD2	Chengdu	4.64	54	Pg	Pg	Pg	09 39 15.0	-1.8	comp=E,72nm,1.2s
CD2	Chengdu	4.64	54	Pg	Pg	Pg	09 40 19.0	+2.1	1
CD2	Chengdu	4.64	54	Pg	Pg	Pg	09 40 19.0	+2.1	1
CD2	Chengdu	4.64	54	Pg	Pg	Pg	09 40 19.0	+2.1	1
SHL	Shilong	7.23	250	ePn	Pn	Pn	09 39 33.0	-0.9	comp=N,40nm,1.0s
CMAR	Chiang Mai Arr	9.72	183	Pn	Pn	Pn	09 40 09.9	+2.0	comp=E,40nm,1.3s
CMAR	Chiang Mai Arr	9.72	183	Pn	Pn	Pn	09 42 58.1	1	1
CMAR	Chiang Mai Arr	9.72	183	Pn	Pn	Pn	09 43 26.4	1	1
WMQ	Urumqi	18.21	332	eP	Pn	Pn	09 41 59.8	-1.0	comp=E,36nm,21.6s,baz=165,slow=35
WMQ	Urumqi	18.21	332	eP	Pn	Pn	09 42 58.1	1	1
WMQ	Urumqi	18.21	332	eP	Pn	Pn	09 43 26.4	1	1
WMQ	Urumqi	18.21	332	eP	Pn	Pn	09 43 26.4	1	1
WMQ	Urumqi	18.21	332	eP	Pn	Pn	09 43 26.4	1	1

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MKAR	Makanchi Array	22.91	329	P	P	P	09 42 53.4	+1.5	comp=Z,1.2nm,0.7s,baz=130,slow=11,SNR=9.1
TLY	Talaya	23.66	7	LR	LR	LR	09 53 14.6	1	comp=Z,67nm,20.5s,baz=90,slow=39
AAK	Ala-Archa	24.73	312	LR	LR	LR	09 53 11.2	1	comp=Z,23nm,18.3s,baz=48,slow=37
KSRS	Korea Array	25.58	62	P	P	P	09 43 17.0	-0.2	comp=Z,0.6nm,0.5s,baz=258,slow=10,SNR=3.0
KSRS	Korea Array	25.58	62	P	P	P	09 54 23.4	1	comp=Z,2.7nm,20.0s,baz=246,slow=39
PALK	Pallekele	27.33	224	LR	LR	LR	09 55 15.2	1	comp=Z,3.7nm,20.2s,baz=115,slow=38
KURBB	Kurchatov Arra	27.41	330	P	P	P	09 43 34.3	+0.7	comp=Z,7.7nm,0.7s,baz=137,slow=10,SNR=6.7
JNU	Nakatsue	27.44	72	LR	LR	LR	09 55 54.3	1	comp=Z,65nm,18.1s,baz=236,slow=40
ZALVO	Zalesovo Beam	27.86	341	P	P	P	09 43 38.5	+0.9	comp=Z,2.0nm,0.3s,baz=132,slow=6,SNR=2.7
NRIK	Norik's	41.74	354	LR	LR	LR	10 00 37.3	1	comp=Z,4.7nm,20.6s,baz=146,slow=36
WRA	Warramunga Arr	58.58	141	P	P	P	09 47 44.8	-0.4	comp=Z,1.6nm,0.6s,baz=330,slow=7.5,SNR=18
ASAR	Alice Springs	61.38	144	P	P	P	09 48 04.7	+0.5	comp=Z,2.0nm,0.4s,baz=329,slow=6.5,SNR=5.2
NOA	NORSAR Array B	64.90	328	P	P	P	09 48 26.5	-0.8	comp=Z,0.5nm,0.6s,baz=76,slow=8.9,SNR=2.4

MAN 17 09:49:21.9,9.92N,124.04E,h3km,mb4.1,ML2.9,MS2.6,
 2D,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res	ISC
							h m s	ISC	ISC
TBP	Tagbilaran	0.29	218	Op	Pg	Pg	09 49 27.6	+0.1	1
TBP	Tagbilaran	0.29	218	Op	Pg	Pg	09 49 34.8	-0.2	1
LLP	Lapu-Lapu	0.40	349	P	Pn	Pn	09 49 31.1	-0.8	1
LLP	Lapu-Lapu	0.40	349	P	Pn	Pn	09 49 37.4	-0.3	1
MSLP	Maasin	0.83	75	eP	Pg	Pg	09 49 38.3	+0.4	1
MSLP	Maasin	0.83	75	eP	Pg	Pg	09 49 49.6	-1.0	1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like Moulmakai, Palmer Road, Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like Warramunga Arr, Alice Springs, Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for locations like TXAR, ILAR, PDAR, BRTR, etc.

17d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Viseu, Sonseca Array, Manteigas, etc.

ISCJB 17 11:26:00.0-0.6 20.4S:0.1x173.17W:0.07, h33km, mb4.0/6, AML, Error ellipse: s-maj=16.5km

NEIC 17 11:26:00.1-1.7, 20.4S:0.1x173.21W:0.10, h10km, 3km, mb4.2/11

IDC 17 11:26:00.3-1.3, 20.26S:173.50W, h0km, mb4.0/6, mb1 4.4/8, mb1mx4.1/25, mbtmp4.1/8, ML1.1/2, MS4.4/2, Ms1 4.4/2, ms1mx3.4/46, Error ellipse: s-maj=69.4km

ISC 17 11:26:04.5-0.7, 20.26S:0.08-173.15W:0.08, h35km, n37, c#211/39, mb4.1/9, Tonga Islands

Main table listing stations and their parameters for the 17d 12h period. Columns include Code, Station Name, Az, Phase ID, Time, Res.

BUK 17 11:31:07.0-0.2 45.82N-22.91E, h9km, 2km, ml1.9/8, 28C-10D, Error ellipse: s-maj=1.8km s-min=1.5km az=99.0, Romania

Table listing stations and their parameters for the BUK event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

2013 OCT

Table listing stations and their parameters for the 2013 OCT period. Columns include Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 17 11:34:27.6:0.5, 24.37N:105.122.78E:0.02, h57km, 7km, Error ellipse: s-maj=8.4km s-min=3.4km az=177.9

JMA 17 11:34:27.7:0.1, 24.31N:122.79E, h58km, 2km, M1.9

TAP 17 11:34:28.7, 24.39N:122.71E, h57km, ML2.5, C

ISC 17 11:34:27.9:1.3, 24.39N:106.122.78E:0.03, h58km, 9km, n39, c#80/55, Taiwan region

Main table listing stations and their parameters for the 2013 OCT period. Columns include Code, Station Name, Az, Phase ID, Time, Res.

MAN 17 11:55:01.4, 9.94N:124.18E, h7km, mb4.5, ML3.3, MS3.1, 5C-2D, Mindanao

Table listing stations and their parameters for the MAN event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

856

Table listing stations and their parameters for the 856 event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

DDA 17 12:24.9, 40.78N:34.53E, h14km, 1km, ML3.6

ISK 17 12:25.9, 40.80N:34.53E, h8km, ML3.4/25

YOZ n61, c#83/86, Turkey

Table listing stations and their parameters for the DDA event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 13um, 0.2s

Table listing stations and their parameters for the comp=Z, 13um, 0.2s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 8um, 0.3s

Table listing stations and their parameters for the comp=Z, 8um, 0.3s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 7um, 0.3s

Table listing stations and their parameters for the comp=Z, 7um, 0.3s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 1um, 0.1s

Table listing stations and their parameters for the comp=Z, 1um, 0.1s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 404nm, 0.1s

Table listing stations and their parameters for the comp=Z, 404nm, 0.1s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=Z, 599nm, 0.1s

Table listing stations and their parameters for the comp=Z, 599nm, 0.1s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=E, 89nm, 0.3s

Table listing stations and their parameters for the comp=E, 89nm, 0.3s event. Columns include Code, Station Name, Az, Phase ID, Time, Res.

comp=N, 76nm, 0.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAO, BVAR, BRVK, HRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPT2, NVAR, MAN 17 14:27:29.7, etc.

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

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

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

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

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

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

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

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

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

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

17d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like DAV, DMPH, CTBH, etc. with their respective coordinates and parameters.

ISC/JB 17:15:28.84.0.2:6.51S:0.03x154.93E:0.03, h56km, mb5.1/29, MS4.1/21, Error ellipse: s-maj=4.7km s-min=1.0km az=39.2

2013 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations from Bougainville-Solomon Islands region to various international locations like NACB, NACB, TPUB, etc.

860

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations from NACB, NACB, TPUB, etc. to various international locations like NACB, NACB, TPUB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Glacier Island, Hinchinbrook I, Port Fidalgo, etc.

TAP 17:59:14.5, 23.98N, 122.27E, h15km, ML3.1, D
ISCJB 17:59:15.4, 0.3, 23.97N, 0.1, 122.29E, 0.01, h21km, 2km,
Error ellipse: s-maj=2.7km s-min=0.2km az=143.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like EOST1, ENLB, ENLB, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JYNG, EGPH, YOJ, YOJ, YOJ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like YM10, YM11, YM08, etc.

IDC 17:15:40:21.0, 1.6, 7.13S, 154.86E, h0km, mb3.6/6,
mb1 3.8/7, mb1mx3.7/31, mbtmp3.6/7, ML3.5/1, MS3.8/1,
Ms1 3.8/1, ms1mx2.8/28, Error ellipse: s-maj=39.9km
s-min=25.0km az=97.0

ISCJB 17:15:40:25.3, 1.2, 7.15S, 0.1, 154.8E, 0.2, h41km, mb3.5/6,
MS3.7/1, Error ellipse: s-maj=24.7km s-min=11.5km

ISC 17:15:40:27.0, 1.3, 7.15S, 0.1, 154.8E, 0.2, h41km, n8, n1905/9,
mb3.5/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRVT, WRA, WRA, etc.

NCEDC 17:15:41:00.7, 3.7, 40.71N, 0.02, 122.49W, 0.04, h42km, 3km,
Md3.0

ANF 17:15:41:00.3, 0.6, 40.69N, 122.49W, h23km, 16km, ML2.7/5,
Error ellipse: s-maj=6.6km s-min=3.3km az=81.0

NEIC 17:15:41:00.8, 3.0, 40.70N, 0.02, 122.48W, 0.03, h42km, 8km

ISC 17:15:41:01.0, 0.9, 40.69N, 0.02, 122.45W, 0.02, h18km, 5km,
n67, n996/75, Northern California

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WDC, LSHM, N02D, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Callahan, Pickett Peak, Round Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Keravat (AS076), KRVT, KRVT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like ILAR, Eielson Array, South Pole Qui, etc.

IDC 17 15:50:19.02.6.52:04N:175.12W, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.4/59, mbtmp3.6/5, ML3.7/2, MS3.7/4, Ms1 3.7/4, ms1mx2.9/49, Error ellipse: s-maj=7.65km s-min=23.4km az=179.0

ISC 17 15:50:19.30.8.51:33N:170.08:174.70W:0.05, h40km, mb4.0/4, MS3.8/4, Error ellipse: s-maj=11.0km s-min=4.3km az=179.2

ISCJTB 17 16:04:00.9.0.5.7:1N:0.04:78:29W:0.03, h33km, Error ellipse: s-maj=1.6km s-min=2.9km az=37.1 UPA 17 16:04:01.2.0.7.5:62N:78:33W, h44km, 999km, MW3.6 RNSC 17 16:04:02.3.1.5.5:75N:78:20W, h32km, 22km, ML3.2, Mw3.3

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

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

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

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

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

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

NEIC 17 15:57:46.92.1.6:69S:0.09:154:83E:0.09, h39km, 5km, mb4.9/36 IDC 17 15:57:46.4.2.6.6:75S:154.85E, h35km, 18km, mb4.1/15, mb1 4.2/19, mb1mx4.1/40, mbtmp4.3/19, ML3.5/4, MS3.5/4, Ms1 3.7/11, ms1mx3.4/30, Error ellipse: s-maj=19.6km s-min=14.4km az=99.0

ISCJTB 17 15:57:42.0.3.6:72S:0.04:154:79E:0.04, h56km, mb4.3/17, MS3.7/7, Error ellipse: s-maj=6.3km s-min=5.2km az=148.4

IDC 17 16:04:15.8.2.9.10:17N:124:92E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/37, mbtmp3.5/4, Error ellipse: s-maj=26.7km s-min=24.3km az=65.0 MAN 17 16:04:19.6.9.9:4N:124:29E, h12km, mb4.7, ML3.6, MS3.5 ISC 17 16:04:17.2.1.4.9:00N:0.03:124:27E:0.04, h0km, 11km, n18, c157/23, mb3.4/4, 4C-3D, Mindanao

ISCJTB 17 16:08:34.9.0.5.20:84S:0.03:68:96W:0.07, h116km, 6km, mb3.9/1, Error ellipse: s-maj=10.5km s-min=4.5km az=178.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KRUC Moravsky, GZR Gura Zlata, BZS Buzias, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DDA 17:17:04:22.9,39.191N-29.28E, KHAL Karahalli, TAVA DENIZLI Tavass, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DDA 17:17:04:42.7,38.36N-39.02E, ELZG Elazig, AKCD Akcadag, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DDA 17:17:08:44.8,1.9,5:57S, PMG Port Moresby, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, PE1A Petropavlovsk, MK32 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAW Mawson, MDM Murphy Dome, MENT Mentasta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like az=167.0, Afghanistan-Tajikistan border region, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC 17:17:46:42.3,1.8,41:74S:174:23E, ISCBJ 17:17:46:46.0,0.4,41:87S:02:174:12E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC 17:17:46:58.1,0.4,41:82S:03:174:13E, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, etc.

MAN 17 19:30:04.7, 12.32N, 124.49E, h12km, MS3.7
MAN Intensity III - Catania Samar.
IDC 17 19:30:17.6, 1.9, 12.18N, 124.39E, h140km, 18km,
mb3.6/18, mb1 3.7/21, mb1mx3.6/55, mbtmp4.1/21, MS3.6/5,
Ms1 3.6/5, ms1mx3.2/24, Error ellipse: s-maj=2.0, 1km
s-min=9.7km az=77.0

ISC 17 19:30:04.5, 1.0, 12.32N, 124.42E, h17km, 7km,
n42, c234/49, mb4.1/19, MS3.8/3, 2C-4D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like CNP, BESP, PLO, etc.

GRAL 17 19:30:55.0, 0.3, 32.73N, 35.64E, h1km, 2km, MD3.0
GII 17 19:30:55.3, 0.3, 32.84N, 35.56E, h2km, MD2.1/10
NSSC 17 19:30:55.8, 0.3, 32.79N, 35.65E, h6km, 7km, ML1.9
ISCBJ 17 19:30:56.2, 0.3, 32.83N, 0.02, 35.60E, 0.03, h6km, 4km,
Error ellipse: s-maj=4.9km s-min=2.6km az=19.9
JSO 17 19:30:56.8, 0.6, 33.1N, 3.3E, h2km, 5km, M1.9/7,
Mjma2.1/7, ML1.0/4, MLV2.1/7

ISC 17 19:30:56.3, 0.9, 32.84N, 0.02, 35.59E, 0.03, h13km, 7km,
n28, c0560/43, Dead Sea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like SHMJ, MMAOB, KSHT, etc.

Table with columns: YTIR, Yattir, 1.53 195 Pn Pn, 19 31 24.2 +0.8. Lists stations like ONAJ, JFK, JIKH, etc.

JMA 17 19:33:21.1 ± 0.1, 36.48N x 144.30E, h66km, M3.9, Off east
coast of Honshu

ROM 17 20:02:00.2, 0.3, 43.51N, 0.01, 13.77E, 0.02, h10km,
ML2.7/42, Error ellipse: s-maj=2.1km s-min=0.8km
az=60.0

ISCBJ 17 20:02:01.1 ± 0.3, 43.50N, 0.02, 13.71E, 0.03, h13km, 2km,
Error ellipse: s-maj=3.9km s-min=2.8km az=151.7

ISC 17 20:02:01.0, 0.8, 43.51N, 0.02, 13.74E, 0.02, h16km, 5km,
n62, c1920/59, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like AOI, PCRO, CIMA, etc.

Table with columns: FOSV, comp=N, 328um, 0.3s, AML, AML. Lists stations like PESA, CESI, NRCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTE Manteigas, ETOR Torette, MVO Moncorvo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WOJI Wonogiri, BOJA Bona, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BGH Bear Gulch, CNIC Niles Canyon, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MASBT Mashbuluo, ELDTW Lidau, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like WHP, NNSB Datong, TWQ1 Liyutan, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like ACLO CERRO LA CRUZ, APLL PUNTA DE LOS L, etc.

18d 1h

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s-min=3.4km az=21.0
NEIC 18 01:30:44.6:1.3,7.8N:0.1:38.55W:0:09,h10km,1km,
mb4.7/64

GCMT 18 01:30:46.0:0.2,8.21N:0.01:38.59W:0:01,h15km,
MW5.0/100,Moment Tensor Solution. s46,c54;
S100,c158; Duration: 0 Moment tensor: Scale 1016Nm;
M=0.54; 10; M=0.41; 10; M=0.95; 09; M=0.42; 29;
M=0.32; 06; M=1.07; 28; Best double couple:
M=3.48400x1016 NP1:0.6:00000,886.00000,
7.160000; NP2:0.275:00000,874.00000,1.176.00000

Principal axes: T:3.8650, P1:4.0000, Azm:202.0000;
N:0.7630, P2:0.0000, Azm:20.0000; P: -3.1
P1:3.8650, P2:0.0000, Azm:20.0000;
P3:3.1000, Azm:140.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

ISC 18 01:30:45.5:0.3,8.04N:0.06:38.56W:0:07,h14km,n182,
c1528/154,mb4.6/74,MS4.0/21,Central Mid-Atlantic
Ridge

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

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMRV, PLTB, MTE, etc.

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WUAZ, BOS, ARCES, etc.

SOF 18 01:31:02.7:41.37N:26.12E,h10km
THE 18 01:31:03.0:5.41:34N:26.09E,h5km,1km,ML2.2/5,Error
ellipse: s-maj=1.2km s-min=0.9km az=125.0
ISK 18 01:31:03.1:41.34N:26.08E,h7km,ML2.5/14
DDA 18 01:31:04.5:41.25N:26.12E,h32km,1km,ML2.7
ATH 18 01:31:04.3:41.28N:26.05E,h24km,1km,ML2.1/6,Error
ellipse: s-maj=3.2km s-min=1.3km az=217.0
BEO 18 01:31:07.2:1.3:41.47N:26.03E,h0km,ML2.2/4
ISC 18 01:31:02.3:1.0,41.36N:0.02:26.12E:0:02,h18km,4km,
n56,0:69/81,Greece-Bulgaria border region

Table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UKOP, ALN, RDO, etc.

Table with columns: Station Name, Code, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SIGR, SOH, KAVV, etc.

ISCJB 18 01:32:32.5:0.2, 1.06S:0.02:81.40W:0.02, h4km, mb4.3/13, MS3.9/1, Error ellipse: s-maj=3.6km s-min=2.1km az=37.1

IGQ 18 01:32:32.5:1.1, 1.2S:2.8W:11.10, h10km, Mjma4.8, ML5.5, ML5.1

IDC 18 01:32:33.7:0.8, 1.02S:81.36W, h0km, mb4.2/13, mb1.4/18, mb1mx2.4/28, mbtmp4.3/18, ML4.0/5, MS3.7/5, Ms1.3/7.5, ms1mx3.3/25, Error ellipse: s-maj=24.6km s-min=12.3km az=61.0

NEIC 18 01:32:38.0:1.7, 1.03S:0.07:81.30W:0.07, h37km, 7km, mb4.5/85

ISC 18 01:32:33.0:0.4, 1.07S:0.04:81.36W:0.06, h4km, n354, r#140/339, mb4.5/45, Off coast of Ecuador

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SALLI, JAMA, MORR, etc.

Main station list table with columns: Station Name, Code, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZARC, RUSC, OCAC, etc.

Main station list table with columns: Station Name, Code, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MIAR, CLTN, U50A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BELC Belle Mtn. Jos, E56A St. Veronique, D52A ZEK Kawawa Sen, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTN, KNRA Kununurra, KNRA Fitzroy Crossi, etc.

MAN 1801:38:51.7, 10:14N:124:07E, h26km, mb4.0, ML2.8, MS2.4, 1C-1D, Leyte
Code Station Name Az AzZ Phase ID Time Res ISC
LLP Lapu-Lapu 0.20 331 jP Op ISC P 01 38 59.2 +0.0

s-min=11.5km az=125.0
ISC 1801:39:13.2:0.5, 28.88S:0:06:177:45W, 0:07, h71km, 4km, h71km: p.N393, r127/364, mb4.8/65, 7C-4D,
Kermadec Islands region
Code Station Name Az AzZ Phase ID Time Res ISC

MAN 1801:39:11.1:1.3, 28:86S:177:42W, h65km, mb5.1/15,
Error ellipse: s-min=13.2km s-min=12.3km az=17.3km
ISCJB 1801:39:12.4:0.9, 28:98S:0:04:177:63W, 0:04, h72km, 7km, mb4.8/34, Error ellipse: s-maj=7.8km s-min=5.8km
az=145.7
GCMT 1801:39:12.4:0.3, 28:67S:0:02:177:21W, 0:02, h64km, 2km, MW5.0/71, Moment Tensor Solution. s54.c70: s71.c67;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr2.66±.16;
Mw0.0±.19; Mw2.47±.14; Mw0.65±.10; Mw0.91±.13;
Mr1.92±.09; Best double couple: M0.339500:0.161
NP1.9s 19.00000: .863.00000: .190.00000: . NP2:
0.200.00000: .327.00000: .91.00000: Principal axes: T
3.3310, P1672.0000, Azm288.0000, N 0.1290,
P160.0000, Azm19.0000, P-3.4590, P18.0000,
Azm109.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
NEIC 1801:39:13.4:1.3, 28:85S:0:09:177:55W, 0:1, h72km, 4km, mb4.8/96
IDC 1801:39:13.2:0.6, 28:69S:177:58W, h63km, 5km, mb4.4/14, mb1.4/6.14, mb1mx4.6/19, mbtmp4.7/14, MS4.0/14, Ms1.4/0.14, ms1mx3.9/25, Error ellipse: s-maj=16.5km

V53A	Saluda	22.12	30	P	P	02 48 40.8	-0.1
U51A	La Follette	22.15	27	P	P	02 48 41.2	0.0
T49A	Edmonton	22.15	23	P	P	02 48 41.4	+0.2
U52A	Thorn Hill	22.45	28	P	P	02 48 43.5	-1.0
V54A	Nebo	22.63	32	P	P	02 48 45.2	-1.2
S49A	Springfield	22.84	23	P	P	02 48 48.0	-0.5
W56A	Indian Trail	22.86	35	P	P	02 48 46.9	-1.9
WC1	Wyandotte Cave	22.88	21	P	P	02 48 48.8	0.0
WC1	Wyandotte Cave	22.88	21	P	P	02 48 48.9	0.0
V55A	Taylorville	23.06	33	Iamb	Iamb	02 48 48.7	-2.2
V55A	Taylorville	23.06	33	Iamb	Iamb	02 48 50.4	
W57A	Gilead	23.20	36	P	P	02 48 50.1	-2.1
T52A	Hallie	23.21	28	P	P	02 48 50.9	-1.4
U54A	Nelsons Funny	23.28	31	P	P	02 48 52.0	-1.1
U54A	Nelsons Funny	23.28	31	Iamb	Iamb	02 48 53.9	
S51A	Beattyville	23.39	26	P	P	02 48 52.4	-1.6
U55A	TA2, Sparta	23.65	32	P	P	02 48 55.0	-1.7
Q48A	North Vernon	23.70	21	P	P	02 48 56.6	-0.4
T54A	Tazewell	23.83	30	P	P	02 48 57.2	-1.2
V57A	Coltrane Farms	23.86	35	P	P	02 48 56.9	-1.6
U56A	King	23.88	33	P	P	02 48 57.5	-1.2
R51A	Hillsboro	23.95	25	P	P	02 48 58.8	-0.6
Q49A	Aurora	24.06	22	P	P	02 49 00.4	0.0
T55A	Pulaski	24.26	31	P	P	02 49 01.4	-0.9
Q50A	Georgetown	24.26	24	P	P	02 49 01.8	-0.5
P48A	Milroy	24.28	21	P	P	02 49 01.8	-0.6
U57A	Blanch	24.50	35	P	P	02 49 02.9	-1.6
BLA	Blacksburg	24.52	32	P	P	02 49 03.3	-1.4
T56A	Rocky Mt	24.58	33	P	P	02 49 03.5	-1.7
P49A	Miami Univ. Ec	24.59	22	P	P	02 49 04.1	-1.2
U58A	Oxford	24.91	36	P	P	02 49 06.9	-1.2
T57A	Hurt	24.96	34	P	P	02 49 07.8	-0.8
P50A	Jamestown	25.00	23	P	P	02 49 08.1	-0.8
R54A	Victor	25.00	30	P	P	02 49 08.4	-0.6
Q52A	Bidwell	25.06	27	P	P	02 49 09.0	-0.5
Q48A	Farmland	25.08	21	P	P	02 49 09.7	-1.0
P51A	Williamsport	25.18	25	P	P	02 49 09.3	-1.2
Q49A	Covington	25.31	22	P	P	02 49 10.7	-1.1
Q49A	Covington	25.31	22	P	P	02 49 11.4	-0.3
T58A	Grand View Acr	25.31	35	P	P	02 49 09.7	-2.1
L40A	Anamosa	25.32	9	P	P	02 49 11.2	-0.6
N47A	Urbana	25.47	19	P	P	02 49 12.1	-1.2
O50A	Cable	25.53	23	P	P	02 49 12.5	-1.3
N48A	Decatur	25.67	20	P	P	02 49 14.4	-0.6
S54A	Dark Hollow, R	25.69	33	P	P	02 49 14.0	-1.2
Q57A	Coxs Mills	25.72	29	P	P	02 49 15.6	+0.1
P53A	Whipple	25.88	27	P	P	02 49 16.0	-1.0
N50A	Nevada	26.25	23	P	P	02 49 19.2	-1.1
JFWS	Jewell Farm	26.30	10	P	P	02 49 20.3	-0.4
L48A	N Adams	26.84	20	P	P	02 49 24.6	-1.0
P57A	Homestead Farm	27.47	32	P	P	02 49 29.7	-1.6
H52A	Wyevale	30.80	23	P	P	02 49 59.8	-1.0
F48A	Evansville	30.90	19	P	P	02 50 00.5	-1.1
J56A	Wolcott	30.95	28	P	P	02 50 01.0	-1.1
L59A	Walton	30.99	32	P	P	02 50 01.2	-1.3
M61A	Granite Spring	31.02	34	P	P	02 50 01.4	-1.3
DELO	Deloro Mine	31.61	26	P	P	02 50 06.9	-1.0
BUKO	Buck Lake	31.67	23	P	P	02 50 07.6	-0.8
H55A	Tweed	31.82	26	P	P	02 50 08.7	-1.0
I57A	Carthage	32.01	29	P	P	02 50 09.9	-1.6
H57A	Richville	32.54	28	P	P	02 50 15.4	-0.6
E51A	G1946 Merrick	32.56	22	P	P	02 50 15.5	-0.7
J60A	Lant Hill Farm	32.58	32	P	P	02 50 15.2	-1.3
D50A	G1974 Best Tow	32.99	21	P	P	02 50 19.0	-0.9
LONY	Lake Ozonia	33.03	29	P	P	02 50 19.4	-1.0
I60A	Shoreham	33.08	31	P	P	02 50 19.8	-1.0
E54A	Lac Dauplat, Po	33.34	24	P	P	02 50 22.2	-0.9
D55A	Sainte-Anne-du	34.51	25	P	P	02 50 32.5	-0.7
LSQQ	Label-sur-Quev	35.60	22	P	P	02 50 41.8	-0.8
MATO	Matagami	35.97	21	P	P	02 50 44.8	-0.9

MAN 18 02:47:18.5, 10:46N, 124:14E, h34km, mb3.7, ML2.4, MS1.9, 1D, Leyte

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
LLP	Lapu-Lapu	0.23 231	Op	h m s	ISC
LLP			Op	02 47 26.9	+1.4
LLP			Sb	02 47 32.6	+2.3
OCLP	Ormoc	0.74 38	eP	02 47 33.3	+0.1
MSLP	Maasin	0.77 115	eS	02 47 34.1	+0.4
MSP			Sb	02 47 44.7	+0.8

JMA 18 02:56:07.9, 24:09N, 122:09E, h46km, 1km, M3.1
 ISCJB 18 02:56:08.5, 0.2, 24, 12N, 0:02, 122:13E, 0:02, h35km, 14km, Error ellipse: s-maj=2.9km s-min=2.1km

TAP 18 02:56:08.5, 24:13N, 122:09E, h42km, 1km, ML3.5, C
 ISC 18 02:56:08.5, 1.0, 24:12N, 0:02, 122:11E, 0:02, h33km, 5km, n75, r086/131, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
EOS1	EOS1	0.43 2	Op	h m s	ISC
EOS1			Op	02 56 18.4	+0.4
EOS1			eS	02 56 26.2	+1.1

NANB	Nanao	0.45 313	P	Pb	02 56 18.6	+0.2
NANB			S	Sb	02 56 25.9	+0.8
ENA		0.46 313	P	Pb	02 56 18.6	+0.2
ENA			S	Sn	02 56 26.2	+0.3
TWD	Chiawan	0.47 266	iP	Pb	02 56 18.5	-0.2
TWD			iS	Sb	02 56 26.1	+0.4
NACB	Ninganchiao	0.48 277	P	Pb	02 56 18.4	-0.3
NACB			S	Sb	02 56 25.7	0.0
HWA	Hwaiin	0.48 254	eP	Pb	02 56 19.2	+0.3
HWA			eS	Sb	02 56 27.6	+1.1
ENLB	Shoufeng	0.51 246	eP	Pb	02 56 19.5	+0.2
ENLB			eS	Sn	02 56 28.0	+0.8
TWC	Suao	0.55 334	P	Pb	02 56 19.5	-0.3
TWC			S	Sb	02 56 27.2	-0.5
ETLH	Xiulin Township	0.58 279	P	Pb	02 56 19.9	-0.6
ETLH			S	Sb	02 56 28.2	-0.5
ESL	Shilin	0.69 244	eP	Pn	02 56 21.3	-0.7
ESL			eS	Sb	02 56 31.1	-0.5
ENTT	Nioudou	0.72 316	P	Pb	02 56 22.1	-0.4
ENTT			S	Sb	02 56 32.4	0.0
ILA		0.73 333	eP	Pn	02 56 22.4	-0.1
ILA			eS	Sb	02 56 32.5	0.0
TWE	Neicheng	0.73 326	P	Pn	02 56 22.4	-0.1
TWE			S	Sb	02 56 32.2	-0.3
NDT	Datong Township	0.73 312	eP	Pn	02 56 22.2	-0.3
NDT			eS	Sb	02 56 31.8	-0.9
NNSB	Datong	0.73 295	P	Pb	02 56 22.2	-0.5
NNSB			S	Sb	02 56 32.3	-0.6
NNS	Nan Shan	0.75 296	P	Pn	02 56 22.4	-0.6
NNS			S	Sb	02 56 32.7	-0.6
EGFH	Guangfu	0.77 235	eP	Pn	02 56 22.4	-0.6
EGFH			eS	Sb	02 56 33.1	-0.5
WHF	Hehuan Shan	0.78 272	iP	Pn	02 56 22.9	-0.7
WHF			S	Sb	02 56 33.4	-0.9
NTC	Toucheng	0.78 341	eP	Pn	02 56 23.3	+0.1
NTC			eS	Sb	02 56 33.5	-0.5
JYNG	Yonangunijimaku	0.83 66	P	Pn	02 56 23.8	-0.1
JYNG			S	Sn	02 56 35.1	+0.1
CHGB	Renai	0.86 267	eP	eS	02 56 24.2	-0.3
CHGB			eS	Sn	02 56 36.6	+0.5
NWLT	Wulai	0.86 320	eP	Pn	02 56 24.1	-0.3
NWLT			eS	Sn	02 56 34.8	-1.1
TWT	Tachien	0.87 279	eP	Pn	02 56 24.5	-0.1
TWT			eS	Sn	02 56 36.0	-0.1
YHNB	Yeheng	0.87 310	P	Pn	02 56 24.0	-0.5
YHNB			S	Sb	02 56 34.4	-1.8
TDCB	Techi	0.88 279	eP	Pn	02 56 24.1	-0.7
TDCB			eS	Sn	02 56 35.7	-0.8
HGSD		0.89 226	eP	Pn	02 56 24.6	-0.1
NSK	Sanguang	0.89 309	iP	Pn	02 56 24.2	-0.5
NSK			S	Sn	02 56 35.3	-1.2
YOJ	Yonaguni jima	0.89 67	eP	Pn	02 56 24.4	-0.3
YOJ			eS	Sn	02 56 36.3	-0.2
YOJ	Yonaguni jima	0.89 67	P	Pn	02 56 24.6	-0.1
YOJ			eS	Sn	02 56 36.7	+0.2
TIPB	Shuangxi	0.89 343	eP	Pn	02 56 24.7	-0.1
TIPB			eS	Sn	02 56 36.1	-0.5
VWDT		0.96 248	eP	Pn	02 56 25.7	0.0
VWDT			eS	Sn	02 56 37.8	-0.4
TWA	Mucha	0.99 331	eP	Pn	02 56 26.5	+0.4
TWA			eS	Sn	02 56 38.7	-0.3
NWF	Wu-fen Shan	1.00 342	eP	Pn	02 56 26.1	-0.2
NWF			eS	Sn	02 56 38.7	-0.6
WFSB	Wu-fen Shan	1.00 342	eP	Pn	02 56 26.3	+0.1
YULB	Yu-li	1.04 226	eP	Pn	02 56 25.9	-0.9
YULB			eS	Sn	02 56 39.1	-1.1
TWF1	Yuli	1.07 225	eP	Pn	02 56 26.4	-0.8
TWF1			eS	Sn	02 56 39.8	-1.0
TAP	Taipei	1.07 329	eS	Sn	02 56 42.1	+1.1
DPDB	Guoxing	1.09 266	eP	Pn	02 56 27.6	+0.1
SSLB	Sunglung	1.11 253	eP	Pn	02 56 27.5	-0.3
LIOB	Emei	1.13 298	eP	Pn	02 56 28.6	+0.5
LIOB			eS	Sn	02 56 43.0	+0.5
SMLT	Sun Moon Lake	1.13 258	P	Pn	02 56 28.1	-0.1
SMLT			eS	Sn	02 56 42.1	-0.6
NSTT	Nanjiang	1.14 297	eP	Pn	02 56 28.5	+0.3
NSTT			eS	Sn	02 56 42.5	-0.1
YMO1	YMO1	1.14 334	eP	Pn	02 56 28.4	+0.2
YMO1			eP	Pn	02 56 27.9	-0.5
YMO1	YMO4	1.15 333	eP	Pn	02 56 28.6	+0.1
TWS1	Kuangyinshan	1.17 327	eS	Sn	02 56 44.0	+0.7
TYC	Yuchi	1.17 260	eP	Pn	02 56 28.8	+0.2
CHKT	Chengkung	1.22 214	eP	Pn	02 56 28.2	-1.1
CHKT			eS	Sn	02 56 42.8	-1.9
WHYT	Xinyi Township	1.23 250	eP	Pn	02 56 30.3	+0.9
YUS	Yu-Shan	1.23 240	P	Pn	02 56 30.1	+0.2

YUS			S	Sn	02 56 44.8	-0.8
TWQ1	Liyutan	1.25 281	P	Pn	02 56 30.4	+0.7
TWQ1			eS	Sn	02 56 46.1	+0.8
TWY	Chenhua	1.25 338	eP	Pn	02 56 30.1	+0.4
ELDTW	Lidau	1.36 228	eP	Pn	02 56 30.4	-0.9
ELDTW			eS	Sn	02 56 47.3	-1.1
CHNS	Tsauling	1.41 249	eP	Pn	02 56 33.2	+1.2
CHNS			eS	Sn	02 56 51.3	+1.7
IRIF	Iriomote-Funau	1.49 81	P	Pn	02 56 33.0	0.0
IRIF			eS	Sb	02 56 51.6	+0.2
WDLH	Douliu	1.50 254	eP	Pn	02 56 34.4	+1.3
HATJ	Hateruma jima	1.55 92	P	Pn	02 56 34.3	+0.5
STYT	Tauyuan	1.56 233	eP	Pn	02 56 34.2	+0.9
TPUB	Ta-pu	1.58 239</				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMLC San Martin de, BARC Barichara, BARRC Barranca, etc.

IDC 18 03:49:22.8:1.4, 8.89N:70.85W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.4/25, mbtmp3.6/3, ML2.5/1, Error ellipse: s-maj=45.4km s-min=30.5km az=137.0

ISCJB 18 03:49:23.7:0.6, 8.89N:0.05:70.97W:0.06, h8km, mb3.5/2, Error ellipse: s-maj=8.2km s-min=6.8km az=23.0

ISC 18 03:49:24.8:0.9, 8.89N:0.06:70.96W:0.07, h8km, n54, az=097/55, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, PAMC Pamplona, OCAC Ocaña, etc.

IDC 18 03:52:59.9:2.0, 55.86N:109.99E, h0km, mb3.8/3, mb1 3.9/5, mb1mx3.4/45, mbtmp3.7/5, ML3.0/2, Error ellipse: s-maj=48.1km s-min=13.4km az=122.0

BYKL 18 03:53:00.6:0.2, 55.75N:110.20E, h12km, 3km

ISC 18 03:52:58.7:0.6, 55.81N:110.21E:0.02, h10km, n38, az=35/16/83, mb4.0/3/5, Lake Baykal region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVKR Severomuyusk, SVKR Barichara, SVKR Barranca, etc.

IDC 18 03:58:18.6:1.6, 30.86N:138.80E, h382km, 29km, mb3.1/6, mb1 3.2/8, mb1mx3.0/47, mbtmp3.9/8, Error ellipse: s-maj=79.0km s-min=14.8km az=71.0

JMA 18 03:58:19.4:0.2, 31.00N:139.47E, h388km, 4km, M3.3

ISC 18 03:58:18.3:0.6, 31.04N:139.47E:0.02, h400km, n14, az=162/17, mb3.4/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VTMR Vitim, VTMR Barichara, VTMR Barranca, etc.

IDC 18 04:01:48.0:0.9, 16.26N:60.30W, h0km, mb4.1/9, mb1 4.4/15, mb1mx4.0/50, mbtmp4.3/15, ML3.9/6, MS3.1/3, Ms1 3.1/3, ms1mx2.6/34, Error ellipse: s-maj=21.6km s-min=17.6km az=64.0

TRN 18 04:01:55.5, 16.13N:60.74W, h30km, MD4.1

ISCJB 18 04:01:56.7:0.4, 16.11N:0.02:60.77W:0.04, h71km, 3km, mb4.0/1.1, Error ellipse: s-maj=6.9km s-min=2.2km az=156.4

NEIC 18 04:01:57.1:1.4, 16.14N:0.05:60.73W:0.08, h55km, 11km, mb4.4/36

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAGL Barre de l'ile, DWS Wesley, DWS La Joyeuse, etc.

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

IDC 18 03:58:18.6:1.6, 30.86N:138.80E, h382km, 29km, mb3.1/6, mb1 3.2/8, mb1mx3.0/47, mbtmp3.9/8, Error ellipse: s-maj=79.0km s-min=14.8km az=71.0

JMA 18 03:58:19.4:0.2, 31.00N:139.47E, h388km, 4km, M3.3

ISC 18 03:58:18.3:0.6, 31.04N:139.47E:0.02, h400km, n14, az=162/17, mb3.4/6, Southeast of Honshu

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

IDC 18 04:01:48.0:0.9, 16.26N:60.30W, h0km, mb4.1/9, mb1 4.4/15, mb1mx4.0/50, mbtmp4.3/15, ML3.9/6, MS3.1/3, Ms1 3.1/3, ms1mx2.6/34, Error ellipse: s-maj=21.6km s-min=17.6km az=64.0

TRN 18 04:01:55.5, 16.13N:60.74W, h30km, MD4.1

ISCJB 18 04:01:56.7:0.4, 16.11N:0.02:60.77W:0.04, h71km, 3km, mb4.0/1.1, Error ellipse: s-maj=6.9km s-min=2.2km az=156.4

NEIC 18 04:01:57.1:1.4, 16.14N:0.05:60.73W:0.08, h55km, 11km, mb4.4/36

ISC 18 04:01:56.2:1.2, 16.13N:0.03:60.75W:0.06, h50km, 11km, n11, az=116.0, 1561/204, mb4.3/24, 14C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAGL Barre de l'ile, DWS Wesley, DWS La Joyeuse, etc.

0.2nm,0.4s,baz=103,slow=6.8,SNR=4.8
WRA Warramunga Arr 44.62 27.3 P
0.3nm,0.5s,baz=110,slow=7.0,SNR=3.4
FINES FINESSE Array B 144.56 34.1 PKPab

IDC 18 04:37:32.1-3.9,15'47S-173.39W,h0km,mb3.7/3,
mb1 4.1/4,mb1mx3.7/33,mbtmp3.9/4,ML4.6/1,MS2.6/1,
Ms1 2.6/1,ms1mx2.5/34,Error ellipse: s-maj=243.6km
s-min=22.1km az=148.0,Tonga Islands

ISK 18 04:51:32.9,37.09N-28.38E,h6km,ML2.6/13
DDA 18 04:51:32.7,37.06N-28.37E,h7km,4km,ML2.6/13
ISC 18 04:51:33.1-1.1,37.07N-0.03-28.36E,0.02,h4km,10km,
n26,c1910/35,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include YER Yerkesik, TUR Turunc, DALY Daryan, etc.

MAN 18 04:55:23.3,10.08N:124.01E,h31km,mb3.9,ML2.7,
MS2.3,1D,Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include LLP Lapu-Lapu, MSLP Maasin, etc.

MAN 18 04:56:19.9,16.60N:122.50E,h24km,mb5.4,ML4.4,
MS4.6

MAN Intensity III - Santiago City Isabela.
ISCJ/B 18 04:56:21.6-0.4,16.61N:0.02-122.39E,0.04,h43km,4km,
mb4.4/25,MS3.7/8,Error ellipse: s-maj=6.2km
s-min=3.6km az=170.7.

NEIC 18 04:56:25.0-1.3,16.64N:0.07-122.20E,0.06,h56km,6km,
mb4.5/41

BUI 18 04:56:27.3-0.0,17.40N:122.40E,h40km,mb4.4/22,
mb4.9/15,Ms4.8/8,Ms7.4/3/3

IDC 18 04:56:28.3-2.5,16.58N:122.32E,h90km,23km,mb3.9/20,
mb1 4.1/21,mb1mx3.9/51,mbtmp4.2/21,MS3.6/6,
Ms1 3.6/6,ms1mx3.1/53,Error ellipse: s-maj=20.5km
s-min=13.0km az=76.0

ISC 18 04:56:21.7-0.8,16.61N:0.03-122.38E,0.05,h30km,5km,
n138,c1936/133,mb4.5/41,MS3.8/8,2C-3D,Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include PALP Palanan, CAUP Cauayan, BALP Baler, etc.

comp=Z,596nm,19.4s,baz=339,slow=4.3
KKM Kota Kinabalu 12.11 21.11 Pn Pn
QIZ Qiongzong 12.18 283 Pn Pn

WHN comp=N,460nm,6.5s LR LR
WHN comp=E,520nm,3.7s LR LR
WHN comp=Z,660nm,22.7s LR LR

comp=Z,23nm,1.0s
KSAR Wnjuj Array Be 21.31 12 P
KSRS Korea Arr 21.37 12 P

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include KSRS, KS19, KAPI, etc.

WRAB Tennant Creek 38.17 162 P
WR1 Warramunga Arr 38.18 162 P

WMQ Urumqi 39.94 320 eP LR

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include WMQ, AS31, ASAR, etc.

H11S1 WAKE ISLAND Hy 42.21 81 T

H11S2 WAKE ISLAND Hy 42.23 81 T

H11N1 WAKE ISLAND Hy 42.32 79 T

H11N2 WAKE ISLAND Hy 42.33 79 T

H11N3 WAKE ISLAND Hy 42.34 79 T

MK31 Makanchi Array 47.23 321 P

MK32 Makanchi Array 47.73 321 P

MKAR Makanchi Array 47.73 321 P

PETK Petropavlovsk- 45.71 29 P

PEA1 Petropavlovsk- 45.71 29 P

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

NIL Nilore 47.15 301 P

BOOM Boomskeo uch 47.16 313 P

ZAAO Zalesovo Array 47.28 331 P

ZAAO Zalesovo Array 47.28 331 P

ZALV Zalesovo Beam 47.28 331 P

ZALV Zalesovo Beam 47.28 331 P

ZAA1 Zalesovo Array 47.28 331 P

KURK Kurchatov 48.73 324 P

KKAR comp=Z,5.6nm,0.9s Iamb Iamb
BRVK Borovoye 54.40 324 P
NRK Norik 56.98 316 P

GEYT comp=Z,5.6nm,0.6s 59.79 304 P
ARU Arti 61.88 326 P
KBZ Khabaz 71.18 311 LR

comp=Z,23nm,1.0s
KSAR Wnjuj Array Be 21.31 12 P
KSRS Korea Arr 21.37 12 P

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include KSRS, KS19, KAPI, etc.

WRAB Tennant Creek 38.17 162 P
WR1 Warramunga Arr 38.18 162 P

WMQ Urumqi 39.94 320 eP LR

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include WMQ, AS31, ASAR, etc.

H11S1 WAKE ISLAND Hy 42.21 81 T

H11S2 WAKE ISLAND Hy 42.23 81 T

H11N1 WAKE ISLAND Hy 42.32 79 T

H11N2 WAKE ISLAND Hy 42.33 79 T

H11N3 WAKE ISLAND Hy 42.34 79 T

MK31 Makanchi Array 47.23 321 P

MK32 Makanchi Array 47.73 321 P

MKAR Makanchi Array 47.73 321 P

PETK Petropavlovsk- 45.71 29 P

PEA1 Petropavlovsk- 45.71 29 P

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

KSH Kashi 46.25 30 eP

NIL Nilore 47.15 301 P

BOOM Boomskeo uch 47.16 313 P

ZAAO Zalesovo Array 47.28 331 P

ZAAO Zalesovo Array 47.28 331 P

ZALV Zalesovo Beam 47.28 331 P

ZALV Zalesovo Beam 47.28 331 P

ZAA1 Zalesovo Array 47.28 331 P

KURK Kurchatov 48.73 324 P

KKAR Karatay Array 51.16 312 P

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like PMG Coen, PATS Jay, CTA Charters Tower, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KMI comp=Z,33nm,1.0s, KHLT Kholaelam Dam, CMAR Chiang Mai Arr, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like HDA Harding Lake, HDA Harding Lake, BALM Baldy, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like S57A Dark Hollow, H57A Hirtville, L57A Andrews Acres, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like H62A Milan, G61B Northampton, L62A West of Eustis, etc.

NIED 18 05:17:00.40:00N:143:50E, h14km, Mw4.3, Best double couple: M2 77000.015 NP1.8185.00000, 830.00000, 1.69.00000, NP2.28.00000, 862.00000, 1.01.00000, etc.

JMA 18 05:17:54.0:0.2, 40:02N:143:52E, h14km, Mw4.4, ISCJB 18 05:17:55.4:0.8, 39:33N:0.03:143:56E:0.07, h34km, 6km, mb4.0/2.1, MS4.1/2, Error ellipse: s-maj=9.4km

NEIC 18 05:17:57.5:2.4, 39:38N:0.08:143:55E:0.1, h34km, 6km, mb4.8/1.9, ISC 18 05:17:56.5:3.0, 39:36N:0.05:143:48E:0.07, h25km, 20km, n89, c13/87, mb4.3/30, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like JTH Tanohata, MIJY Mikonokasawa, JKEN Kujedanisaw, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ZAAO comp=Z.7,1nm,0.6s, IAMB IAMB 05 25 47.8, ZALV Zalesovo Beam 41.21 310 P P 05 25 39.1 +0.2, etc.

MAN 18 05:19:51.5, 10:01N:124:18E, h2km, mb4.2, ML3.0, MS2.6, 3C-3D, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, MSLP Maasin, etc.

IDC 18 05:22:32.7:1.0, 6:77S:154:67E, h129km, 106km, mb3.2/4, mb1.3/5, mb1mx3.3/32, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=95.2km s-min=43.7km az=131.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like CTA Charters Tower, WRA Warrungarra Arr, ASAR Makanchi Array, etc.

NNC 18 05:50:11.8:4.1, 53:31N:90:87E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=27.9km s-min=25.4km az=22.0, Suspected Mining explosion.

ASRS 18 05:06:5.53:75N-91:09E, M2.9, 5C-5D, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ZAAO Zalesovo Array, KURK Kurchatov, KURK Kurchatov, etc.

ISCJB 18 05:53:59.4:0.6, 30:15S:0:04:138:63E:0:04, h10km, Error ellipse: s-maj=6.1km s-min=5.1km az=28.0, IDC 18 05:53:59.4:2.9, 30:13S:138:64E, h0km, mb1.3/4/4, mb1mx3.3/31, mbtmp3.2/4, ML3.0/4, Error ellipse: s-maj=104.2km s-min=22.5km az=44.0, AUST 18 05:54:01.4:0.0, 30:24S:138:61E, h0km, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAVAO CITY, DAVAO CITY (W), DAVAO CITY (E), etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAKZ Makanchi, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UOSS Minazif, HATD Hattia, ASHO Ashiyah, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes TOR, TOA1, and PLCA stations.

ISCJB 18 08:58:50.2±0.4, 6.785±0.03; 129.77E±0.05, h150km, mb4.0/4, Error ellipse: s-maj=6.8km s-min=4.4km az=177.2

IDC 18 08:58:52.9±0.2, 6.80S; 129.68E, h159km, mb3.8/5, mb1 3.9/9, mb1mx3.5/40, mbtmp4.4/9, Error ellipse: s-maj=20.5km s-min=14.5km az=74.0

NEIC 18 08:58:55.2±3.7, 7.07S; 0.08±129.8E±0.1, h200km, 7km, mb2.5/7

ISC 18 08:58:51.7±0.6, 6.84S±0.05; 129.70E±0.06, h150km, n37, ±23/45, mb4.2/6, Banda Sea

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like SAUI, FAKI, SOEI, MTN, SIJ, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRAB, WRA, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WR1, WR1, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, WB2, WRA, etc.

Table with columns: KIF, FIAO, FIAO, FIAO. Lists stations like Kilpisjärvi, FINESS Array S, etc.

UPP 18 09:00:07.1±1.0, 67.67N; 26.70E, h0km, ML1.8, Suspected explosion, Finland

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like PAJU, MASU, LANU, etc.

ISN 18 09:02:25.3±1.1, 36.94N; 45.21E, h14km, 6km, ML2.7

DDA 18 09:02:41.1, 37.31N; 43.95E, h7km, 2km, ML2.3

ISC 18 09:02:24.0±2.3, 37.07N; 0.06±45.3E±0.1, h15km, 13km, n9, ±19/10, Northwestern Iran

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like YOVA, HAKT, HAKT, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like IKRK, MSK, MSK, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like SRTM, BHD, BHD, etc.

MAN 18 09:09:48.3, 10.50N; 124.19E, h33km, mb3.5, ML2.2, MS1.6, 1D, Leyte

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like LLP, LLP, LLP, etc.

MAN 18 09:13:36.6, 10.34N; 124.29E, h26km, mb3.9, ML2.6, MS2.1, 1D, Leyte

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like LLP, LLP, LLP, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like LLP, LLP, LLP, etc.

IDC 18 09:19:32.2±1.6, 5.33S; 149.20E, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.7/32, mbtmp4.0/4, ML3.7/1, MS3.1/1, Ms1 3.1/1, ms1mx3.6/2, mbtmp4.0/4, Error ellipse: s-maj=7.0km s-min=22.0km az=150.0, New Britain region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like KRVT, KRVT, KRVT, etc.

WRA Warramunga Arr 20.50 224 P 09 24 12.4 +0.4

ASAR Alice Springs 42.21 196 P 09 24 44.0 +0.5

FITZ Fitzroy Crossi 26.28 239 P 09 25 08.1 -1.5

TORD Torodi Ar. Bea 147.03 286 PKPbc PKPbc 09 31 18.8 +0.7

IDC 18 09:28:19.1±3.0, 0.19N; 121.146E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.6/42, mbtmp4.0/4, Error ellipse: s-maj=56.2km s-min=127.1km az=9.0, Mariana Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like WRA, FITZ, ASAR, STKA, etc.

NIED 18 09:40:37.5±0.0, 37.50N; 141.60E, h44km, Mw4.4 Best double couple: M3.92000±0.1015 NP1.195.00000±.816.00000±.783.00000±. NP2.323.00000±.874.00000±.192.00000±. MB1 18 09:40:43.2±0.0, 37.26N; 141.195E, h51km, mb4.8/4.5, mb5.0/29, Ms4.6/11, Ms7.4/36

ISCJB 18 09:40:45.0±0.4, 37.45N; 0.02±141.63E±0.04, h47km, 3km, mb4.4/65, MS3.8/10, Error ellipse: s-maj=5.1km s-min=3.3km az=20.0

JMA 18 09:40:45.9±0.1, 37.48N; 141.60E, h45km, 2km, M4.4, JMA Felt II J1.

MOS 18 09:40:45.1±1.0, 37.48N; 141.62E, h47km, mb4.8/33, Error ellipse: s-maj=7.8km s-min=5.3km az=108.2

IDC 18 09:40:48.7±1.6, 37.42N; 141.60E, h65km, 14km, mb3.9/22, mb1 4.1/30, mb1mx4.1/39, mbtmp4.3/30, MS3.6/11, Ms1 3.6/11, ms1mx4.3/39, mbtmp4.3/30, Error ellipse: s-maj=13.2km s-min=9.7km az=92.0

NEIC 18 09:40:48.1±1.1, 37.47N; 0.06±141.54E±0.10, h57km, 6km, mb4.4/63

ISC 18 09:40:46.0±0.7, 37.48N; 0.04±141.72E±0.05, h43km, 6km, n24E, ±194/261, mb4.5/85, MS3.8/11, 11C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like JFK, JMK, JMK, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like JFK, JMK, JMK, etc.

Table with columns: JOU, JYS, JMK, JMK, JMK, etc. Lists stations like Shiratake, Ichinoseki, etc.

Table with columns: JFY, JYK, MJAR, MJAR. Lists stations like Yanaizu, Kanevama, Matsushiro Arr, etc.

Table with columns: MJAR, MJAR, MJAR, MJAR, MAJO, MAJO, etc. Lists stations like Matsushiro Arr, Matsushiro, etc.

Table with columns: MAJO, MAJO, MAJO, MAJO, MAT, MAT, etc. Lists stations like Matsushiro, Matsushiro, etc.

Table with columns: MAT, MAT, INU, INU, JHJ, JHJ, etc. Lists stations like Matsushiro, Inuyama, etc.

Table with columns: JHJ, JHJ, NMR, NMR, ASAJ, ASAJ, etc. Lists stations like Hachijo jima 2, Nemuro-Hokkai, etc.

Table with columns: ASAJ, ASAJ, GRPR, GRPR, GRPR, GRPR, etc. Lists stations like Nemuro-Hokkai, Tuman, etc.

Table with columns: GRPR, GRPR, YUK, YUK, YUK, YUK, etc. Lists stations like Tuman, Yuzh-Kuril'sk, etc.

Table with columns: YUK, YUK, TEY, TEY, TEY, TEY, etc. Lists stations like Yuzh-Kuril'sk, Ternei, etc.

Table with columns: TEY, TEY, KUR, KUR, KUR, KUR, etc. Lists stations like Ternei, Kuril'sk, etc.

Table with columns: KUR, KUR, YSS, YSS, YSS, YSS, etc. Lists stations like Kuril'sk, Yuzh-Sakhalins, etc.

Table with columns: YSS, YSS, MSHR, MSHR, JNU, JNU, etc. Lists stations like Yuzh-Sakhalins, Mys Shultsa, etc.

Table with columns: JNU, JNU, LLP, LLP, LLP, LLP, etc. Lists stations like Mys Shultsa, Natsukes, etc.

Table with columns: LLP, LLP, MSRP, MSRP, MSRP, MSRP, etc. Lists stations like Natsukes, Maasin, etc.

Table with columns: MSRP, MSRP, IDC, IDC, KRVT, KRVT, etc. Lists stations like Maasin, Keravat, etc.

Table with columns: KRVT, KRVT, WRA, WRA, ASAR, ASAR, etc. Lists stations like Keravat, Warramunga Arr, etc.

Table with columns: ASAR, ASAR, FITZ, FITZ, TORD, TORD, etc. Lists stations like Alice Springs, Fitzroy Crossi, etc.

Table with columns: TORD, TORD, IDC, IDC, KRVT, KRVT, etc. Lists stations like Torodi Ar. Bea, Keravat, etc.

Table with columns: KRVT, KRVT, WRA, WRA, ASAR, ASAR, etc. Lists stations like Torodi Ar. Bea, Warramunga Arr, etc.

Table with columns: ASAR, ASAR, FITZ, FITZ, TORD, TORD, etc. Lists stations like Alice Springs, Fitzroy Crossi, etc.

Table with columns: TORD, TORD, IDC, IDC, KRVT, KRVT, etc. Lists stations like Torodi Ar. Bea, Keravat, etc.

Table with columns: KRVT, KRVT, WRA, WRA, ASAR, ASAR, etc. Lists stations like Torodi Ar. Bea, Warramunga Arr, etc.

Table with columns: ASAR, ASAR, FITZ, FITZ, TORD, TORD, etc. Lists stations like Alice Springs, Fitzroy Crossi, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, Lanzhou, Guiyang, Chengdu, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KK31, KK31, KK31, KARATAY, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NV01, NVAR, NVAR, Mina Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, WRA Warramong Arr, etc.

MAN 18 12:58:50.2, 10.01N:124.18E, h2km, mb4.0, ML3.2, MS3.0, 3C-2D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLL Lapu-Lapu, MSLP Maasin, SNPH Sibulan, etc.

MAN 18 13:03:17.0, 9.86N:123.80E, h6km, mb4.0, ML2.8, MS2.4, 3D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLL Lapu-Lapu, MSLP Maasin, etc.

MAN 18 13:08:17.7, 9.84N:123.79E, h24km, mb3.5, ML2.2, MS1.7, 1D, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLL Lapu-Lapu, MSLP Maasin, etc.

ISCJB 18 13:12:25.7, 0.2, 25.91N:0.03:64.21E, h10km, mb4.7/97, Error ellipse: s-maj=4.1km s-min=2.4km az=161.3

BUI 18 13:12:23.7, 0.0, 25.98N:64.08E, h9km, mb4.7/43, mb5.0/34, Ms5.2/22, Ms7.4/9.21

IDC 18 13:12:24.5, 0.6, 25.93N:64.15E, h0km, mb4.3/31, mb1.4/4.3, mb1mx4.3/65, mbtmp4.3/34, ML4.2/3, Error ellipse: s-maj=13.7km s-min=11.4km az=177.0

GCMT 18 13:12:25.9, 0.2, 25.81N:0.02:64.21E, h16km, mb1km, MW5.2/104, Moment Tensor Solution. s68, c90, s104, c164

MOS 18 13:12:25.1, 1.4, 26.01N:64.31E, h11km, mb4.9/39, MS4.5/5, Error ellipse: s-maj=6.7km s-min=4.7km az=95.5

NEIC 18 13:12:26.9, 2.0, 25.94N:0.09:64.11E, h0.9/1, h9km, mb4km, mb4.6/28

OMAN 18 13:12:32.6, 2.7, 25.89N:63.81E, h34km, ms4.1/5, Mwp5.2/9, Error ellipse: s-maj=27.8km s-min=16.2km az=101.0

DSN 18 13:12:37.8, 0.2, 25.86N:63.21E, h10km, ML5.0/11, Error ellipse: s-maj=4.1km s-min=2.2km az=228.0

ISC 18 13:12:26.2, 0.3, 25.94N:0.04:64.15E, h0.03, h10km, n308, c2517/321, mb4.6/106, 22C-9D, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, JLN Jan Bani Buh, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HATD SNR=84, ARQ Araqi, ARQ SNR=8.3, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayush, NRN Naryn, NRN Naryn, etc.

18D 13h

Table with columns: Station, Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like BVAR, BRVK, BRV, etc.

2013 OCT

Table with columns: Station, Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like XAN, SONM, SOML, etc.

902

Table with columns: Station, Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like DBIC, KIC, TIC, etc.

MAN 18:12:39.293N-124:16E, h2km, mb4.3, ML3.1, MS2.8, 3C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like TBP, LLLP, MSLP, etc.

Text containing station coordinates and parameters: BUJ 18:13:21.8-0.2, 28:45N:66:70E, h4km, mb5.2/76, etc.

60C-48D, Pakistan

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

18d 13h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ARU, ZALV, ANTO, etc.

2013 OCT

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TIRR, HARR, CHAI, etc.

904

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like IRK, MTUR, BURAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, and various other regional stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT Keravat, KRVT 94nm, and PMG Port Moresby.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FAKI Fak Fak, ANAZ Anatahan, and various other regional stations.

JMA 18 13:22:09.2,36:29N,137:66E, h4km, 1km, M0.6, Eastern

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Honshu, JGN Niukaw, and various other regional stations.

IDC 18 13:22:07.4,0.5,9:84N,124:01E, h0km, mb4.3/21, mb1.4, 1/4, mb1mx4.2/77, mbtmpp4.4/23, ML4.7/2, MS3.4/4, Ms1.3/4.4, ms1mx3/0.58, Error ellipse: s-maj=34.1km, s-min=12.2km az=69.0

ISCJB 18 13:22:11.4,0.3,9:67N,102:02E,123:63E,0:04, h39km, 4km, mb4.3/21, MS3.1/1, Error ellipse: s-maj=6.2km, s-min=4.1km az=1.5

ISC 18 13:22:11.4,0.8,9:66N,103:123:66E,0:04, h30km, 6km, n89, s193/92, mb4.4/28, 7C-3D, Negros

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBP Tagbilaran, SNPH Sibulan, and various other regional stations.

SJA 18 13:27:13.4,0.7,31:67S,69:86W, h122km, 4km, ML2.2, MW2.8

ISCJB 18 13:27:14.3,0.8,31:66S,0:03,69:81W,0:04, h123km, 7km, Error ellipse: s-maj=6.5km s-min=5.1km az=27.2

GUC 18 13:27:14.3,0.7,31:64S,69:83W, h126km, 18km, ML2.7

ISC 18 13:27:15.6,1.6,31:67S,0:04,69:82W,0:04, h112km, 13km, n20, s06/66/31, 1C-1D, San Juan Province

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RTL Leoncito, CO02 Combarbal, and various other regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA Stephens Creek, ARMA Armidale, and various other regional stations.

IDC 18 13:32:10.8,3.8,5:46S,153:69E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.3/46, mbtmpp3.5/2, Error ellipse: s-maj=166.6km s-min=52.0km az=124.0, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and various other regional stations.

18d 15h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, DMPH Davao City-Mi.

ISCJB 18 13:39:58.7±0.5, 6.65N;0.03±0.126°92E;0.04, h75km±5km, mb4.1/25, Error ellipse: s-maj=7.6km s-min=4.1km az=165.0

MAN 18 13:39:59.6, 6.50N;126.77E, h17km, mb5.2, ML4.2, MS4.3 NEIC 18 13:40:00.1±1.7, 6.68N;0.08±126.82E;0.09, h72km±1km, mb4.5/36

IDC 18 13:40:00.5±1.3, 6.69N;126.95E, h75km±1km, mb3.9/22, mb1.4/0.25, mb1mx3.9/4.5, mbtmp4.3/2.5, Error ellipse: s-maj=14.7km s-min=9.6km az=69.0

DJA 18 13:40:04.9±1.7, 6.15N;127.7E±, h56km±17km, M4.8/11, mb5.1/6, mb4.9/11, MLV5.0/7, Mw(mb)4.4/6

ISC 18 13:39:59.0±0.8, 6.60N;0.04±126.93E;0.06, h65km±7km, n117, c1972/123, mb4.5/39, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MATI Mati, DMMP Don Marcelino, DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 40.92 67 T T.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 40.93 67 T T.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like H11N3 WAKE ISLAND Hy 40.94 67 T T.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SONM Songino Array 44.67 340 P P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk-52.72 23 P P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PEAT1 Petropavlovsk 52.72 23 P P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array 55.34 324 P P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array 55.34 324 P P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KSH Kashi 56.19 314 eP P.

908

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SBLS San Jose 0.55 16 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SNUJ El Retiro 0.57 11 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LFU La Fuente 0.77 57 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MOYG Moyuta, Jutiap 0.77 336 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PAVA Las Pavas 0.88 65 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like COEG Centro de Oper 0.90 72 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like COEG Centro de Oper 0.90 72 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like IXC Ixapaco 1.06 321 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like IXC Ixapaco 1.06 321 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MT03 Montecristo 1.12 20 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MT03 Montecristo 1.12 20 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MT03 Montecristo 1.12 20 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MT03 Montecristo 1.12 20 eP Pn.

MAN 18 14:16:45.8, 9.91N;124.09E, h23km, mb3.6, ML2.3, MS1.7, Mindanao

IDC 18 14:17:12.6±4.8, 22.35S;179.13W, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.7/3.3, mbtmp4.0/4.0, ML4.3/1, MS3.9/1, Ms1.3/9.1, ms1mx2.9/2.8, Error ellipse: s-maj=190.0km s-min=34.6km az=143.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu 10.92 41 Op Pn.

MAN 18 14:43:08.3, 9.86N;123.90E, h20km, mb4.0, ML2.8, MS2.4, 1C-2D, Negros

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran 0.17 193 i/P Pn.

MAN 18 14:44:37.6, 13.63N;120.41E, h33km, mb4.3, ML3.1, MS2.8, Mindoro

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LUBP Lubang 0.19 304 eP Pn.

IDC 18 14:47:48.4±1.4, 6.66S;155.27E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.6/2.4, mbtmp3.5/6, ML3.1/1, Error ellipse: s-maj=43.3km s-min=29.4km az=116.0

ISCJB 18 14:47:51.3±1.2, 6.85S;0.1±155.3E;0.1, h33km±3.5/5, Error ellipse: s-maj=23.3km s-min=13.5km az=138.6

ISC 18 14:47:53.0±1.2, 6.75S;0.02±155.3E;0.2, h35km±1.0, c1843/10, mb3.4/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076) 4.07 306 Pn.

MAN 18 14:06:44.5, 10.12N;123.99E, h41km, mb3.5, ML2.2, MS1.6, 1C, Cebu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.22 291 i/P Pn.

MAN 18 14:06:44.5, 10.12N;123.99E, h41km, mb3.5, ML2.2, MS1.6, 1C, Cebu

SNET 18 14:12:52.4±1.4, 1.336N;89.75W, h44km±23km, ML3.3

GCG 18 14:12:54.4±0.6, 1.335N;89.98W, h23km±6km, MD3.7

ISC 18 14:12:50.7±1.9, 1.33N;0.1±89.76W;0.05, h13km±13km, n15, c0863/20, SD, El Salvador

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEPV Cerro Verde 0.50 15 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEPV Cerro Verde 0.50 15 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEPV Cerro Verde 0.50 15 i/P Pn.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEPV Cerro Verde 0.50 15 i/P Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEPV Cerro Verde 0.50 15 i/P Pn.

MAN 18 15:01:54.3, 9.86N;124.02E, h24km, mb3.7, ML2.4, MS1.9, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu 0.46 354 eP Pn.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LBR5, LFU, BOQS, COEB, TECA, LCU, LCY, VSM, CEVE, SBL5, SNJE, RTR, UNIC, LLGN, FAGO, LCND, CNCH, MTO3, IXG, CRIN, MOCM, ESTN, MATN.

NNC 18 15:24:43.91.6.42.78N:79.61E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=9.6km s-min=6.4km az=130.0

KRNET 18 15:24:44.1.0.1.42.75N:79.64E, h18km, mb2.4

SOME 18 15:24:44.8.42.77N:79.58E, h15km

ISC 18 15:24:43.7.1.4.42.76N:0.04:79.60E, h13km, n25, c091/48, 19C-5D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PDGK, UZB, KTMS, SATY, ANVS, MNBS, TARG, KDJ, MDOK, ARXS, KTBS, ULHL, TKM2, TKM2.

TKM2 Tokmak 2 2.95 274 P Pb 15 25 34.0 -2.2

MEX 18 15:29:53.8:0.6, 27.77N:105.59W, h20km, MD3.9, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HPIC, CGIG, MNTX, 121A.

MAN 18 15:34:22.7:9.52N:123.55E, h23km, mb4.0, ML2.7, MS2.3, IC, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SNPH, MSLP.

MAN 18 15:45:53.1, 10.13N:124.14E, h29km, mb3.6, ML2.3, MS1.8, ID, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLP, MSLP, SNPH.

IDC 18 15:57:49.3:3.1, 1.76S:133.14E, h0km, mb3.6/2, mb1.9/3, mb1mx3.4/37, mbtmp3.7/3, ML3.4/1, Error ellipse: s-maj=159.2km s-min=27.9km az=75.0, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SIJI, WRA, ASAR, MKAR.

MAN 18 16:01:16.2, 10.17N:124.12E, h15km, mb3.7, ML2.4, MS1.9, ID, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LLP, MSLP, GUIM.

IDC 18 16:04:04.7:27.0, 23.10S:172.56W, h0km, mb4.0/4, mb1.4/1.4, mb1mx3.7/31, mbtmp4.0/4, Error ellipse: s-maj=508.7km s-min=160.8km az=78.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CTA, STKA, ASAR, WRA.

SJA 18 16:23:39.7:1.0, 20.22S:68.64W, h131km, 7km, ML3.3, MW3.5

GUC 18 16:23:41.2:0.7, 20.27S:68.77W, h121km, 5km, ML3.6

ISC 18 16:23:41.1:1.8, 20.24S:0.05:68.68W, 0.07, h127km, 14km, n23, c0946/37, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PB08, PB11, PB01, MNMC, MNMCX, PSGC, PSGCX.

MAN 18 16:46:01.9, 9.89N:123.96E, h7km, mb3.8, ML2.5, MS2.1, IC-1D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, LLP, SNPH, MSLP, OCLP.

MAN 18 17:03:23.6, 9.62N:123.61E, h1km, mb3.5, ML2.2, MS1.6, 2C-1D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, LLP, MSLP, GUIM, OCLP, PLP, SJMP.

MAN 18 17:07:27.2, 9.95N:124.18E, h1km, mb3.9, ML2.7, MS2.2, IC-2D, Mindanao

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

MAN 18 17:09:01.0, 9.62N:123.61E, h9km, mb5.2, ML4.2, MS4.3, NEIC 18 17:09:01.3:2.3, 9.73N:0.08:123.65E:0.09, h12km, 4km, mb4.5/35

ISCJB 18 17:09:02.3:0.5, 9.64N:0.02:123.62E:0.03, h29km, 4km, mb4.5/25, MS3.6/12, Error ellipse: s-maj=4.2km s-min=3.4km az=8.6

IDC 18 17:09:07.0:5.0, 9.56N:123.78E, h67km, 47km, mb3.8/14, mb1.9/15, mb1mx3.8/38, mbtmp4.1/15, ML4.3/1, MS3.4/10, LLP 1.7mm, 0.5s, baz=75.0, Error ellipse: s-maj=27.3km s-min=12.9km az=75.0

ISC 18 17:09:03.3:0.9, 9.63N:123.64E:0.03, h28km, 6km, n127, c1946/135, mb4.4/37, MS3.6/12, 8C-3D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, SNPH.

HJA Humahuaca 4.24 135 eP Pn 16 24 44.3 0.0

AZAP Azap 5.19 141 eP Pn 16 24 55.8 -1.2

SNET 18 16:29:58.6:1.3, 14.04N:89.85W, h6km, 8km, ML2.7

ISCJB 18 16:30:00.1:0.6, 14.04N:89.83W:0.04, h8km, 9km, Error ellipse: s-maj=10.7km s-min=5.7km az=22.4

CGC 18 16:30:00.6:0.7, 14.13N:89.91W, h2km, 12km, MD3.4

ISC 18 16:29:59.4:1.4, 13.98N:0.06:89.81W:0.04, h20km, 2km, n12, c0965/17, 3C-4D, EI Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RTR, RTR, SBL5, MOYG, MTO3, IXG, KFJ, NBG, PAVA, MRL, FUG.

ISCJB 18 16:34:41.5:1.1, 33.15S:0.06:178.17W:0.2, h32km, mb3.8/2, Error ellipse: s-maj=25.0km s-min=5.3km az=15.5

IDC 18 16:34:42.2:3.3, 33.09S:178.74W, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.8/24, mbtmp3.9/3, ML3.5/1, Error ellipse: s-maj=7.1km s-min=36.8km az=112.0

WEL 18 16:34:43.2:0.9, 33.5:17.8W:1.6, h33km, M4.1/17, mb4.6/7, ML4.6/18, MLv4.3/17, Mw(MB)3.8/7, Error ellipse: s-maj=0.0km s-min=0.0km az=106.0

ISC 18 16:34:42.1:1.5, 33.85S:0.8:178.0W:0.2, h32km, n26, c1949/30, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GLKZ, GLKZ, WMGZ, WMGZ, PKGZ, HAZ, PUZ, RUGZ, TWGZ, CNGZ, FKGZ, KUZ, MWZ, URZ.

URZ 1.4mm, 0.3s, baz=120, slow=20, SNR=38

URZ 0.9mm, 0.4s, baz=92, slow=12, SNR=5.5

STKA Stephens Creek 41.35 248 P 16 11 52.5 +0.1

ASAR Alice Springs 48.89 258 P 16 12 55.2 -0.4

WRA Warrungarra Arr 49.28 263 P 16 12 55.6 0.0

MAN 18 16:46:01.9, 9.89N:123.96E, h7km, mb3.8, ML2.5, MS2.1, IC-1D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, LLP, SNPH, MSLP, OCLP.

MAN 18 17:03:23.6, 9.62N:123.61E, h1km, mb3.5, ML2.2, MS1.6, 2C-1D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, LLP, MSLP, GUIM, OCLP, PLP, SJMP.

MAN 18 17:07:27.2, 9.95N:124.18E, h1km, mb3.9, ML2.7, MS2.2, IC-2D, Mindanao

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

MAN 18 17:09:01.0, 9.62N:123.61E, h9km, mb5.2, ML4.2, MS4.3, NEIC 18 17:09:01.3:2.3, 9.73N:0.08:123.65E:0.09, h12km, 4km, mb4.5/35

ISCJB 18 17:09:02.3:0.5, 9.64N:0.02:123.62E:0.03, h29km, 4km, mb4.5/25, MS3.6/12, Error ellipse: s-maj=4.2km s-min=3.4km az=8.6

IDC 18 17:09:07.0:5.0, 9.56N:123.78E, h67km, 47km, mb3.8/14, mb1.9/15, mb1mx3.8/38, mbtmp4.1/15, ML4.3/1, MS3.4/10, LLP 1.7mm, 0.5s, baz=75.0, Error ellipse: s-maj=27.3km s-min=12.9km az=75.0

ISC 18 17:09:03.3:0.9, 9.63N:123.64E:0.03, h28km, 6km, n127, c1946/135, mb4.4/37, MS3.6/12, 8C-3D, Negros

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TBP, SNPH.

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res	PCBR	Castelo Branco	5.26	41	P	Pn	17 37 24.7	+2.3
MORF	Marmelete	3.01	63	Op	ISC		17 36 53.9	+2.5	PCBR	comp=N,6.8nm,0.4s				Pn	17 37 20.1	-2.2
MORF	Marmelete			eP	AML		17 37 28.4	+0.8	PMOZ	Porto Moniz, M	5.32	235	ePn	Pn	17 37 17.1	-7.1
MORF	Marmelete			eS	AML		17 37 28.9		PMOZ	Porto Moniz, M			ePn	Pn	17 38 28.7	
PTEO	Sao Teotonio	3.06	58	ePn	Pn		17 36 54.6	+2.4	PMOZ	comp=N,8.7nm,0.5s			P	Pn	17 37 20.9	-2.4
PTEO	Sao Teotonio			eSn	A		17 37 35.0		PMOZ	comp=N,35nm,0.2s,SNR=7.9			S	Sn	17 38 17.0	-7.8
PTEO	Sao Teotonio			P	S		17 36 54.6	+2.4	PMOZ	comp=N,1.05nm,0.3s,SNR=7.9			S	Sn	17 37 18.9	-4.4
PTEO	Sao Teotonio			P	S		17 37 29.1	+0.2	PMOZ	Porto Moniz, M	5.32	235	P	Pn	17 38 17.5	-7.2
PNCL	Nicolau / Gran	3.50	51	ePn	Pn		17 37 00.5	+2.3	PMOZ	Porto Moniz, M			P	Pn	17 37 18.2	-5.9
PNCL	Nicolau / Gran			eSn	A		17 37 39.0	-0.7	ECEU	Ceuta	5.38	89	P	Pn	17 37 27.9	+3.9
PNCL	Nicolau / Gran			P	S		17 37 41.8		ECEU	comp=N,2.4nm,0.1s,SNR=5.4			S	Sn	17 38 25.3	-0.7
PNCL	Nicolau / Gran			P	S		17 37 00.5	+2.3	CEU	Ceuta	5.38	89	eP	Pn	17 37 28.3	+4.3
PNCL	Nicolau / Gran			P	S		17 37 39.0	-0.7	CEU	Ceuta			eS	Pn	17 38 27.3	+1.3
PBDV	Barranco-do-Ve	3.51	68	ePn	Pn		17 37 01.3	+2.9	CEU	Smir Dam	5.39	91	P	Pn	17 37 18.2	-5.9
PBDV	Barranco-do-Ve			eSn	A		17 37 39.8	-0.2	SMIR	Smir Dam			P	Pn	17 38 22.2	-4.1
PBDV	Barranco-do-Ve			A	A		17 37 44.0		CHEFC	Chefchaouen	5.50	97	P	Pn	17 37 22.3	-3.5
PBDV	Barranco-do-Ve			P	S		17 37 01.3	+2.9	CHEFC	Chefchaouen			P	Pn	17 38 27.6	-1.6
PBDV	Barranco-do-Ve			P	S		17 37 39.8	-0.2	MTE	Manteigas	5.64	37	ePn	Pn	17 37 30.0	+2.3
MESJ	Messejana	3.56	57	eP	Pn		17 37 01.2	+3.3	MTE	Manteigas			P	Pn	17 38 29.2	-3.4
MESJ	Messejana			eS	AML		17 37 40.9	-0.1	MTE	Manteigas			P	Pn	17 38 35.4	
MESJ	Messejana			AML	AML		17 37 46.8		MTE	comp=N,34nm,0.4s			P	Pn	17 37 30.0	+2.3
PCVE	Castro Verde	3.58	61	ePn	Pn		17 37 02.2	+2.8	MTE	Manteigas	5.64	37	P	Pn	17 38 29.2	-3.4
PCVE	Castro Verde			eSn	A		17 37 42.0	+0.2	ECAB	El Cabril	5.67	66	P	Pn	17 37 30.6	+2.6
PCVE	Castro Verde			A	A		17 37 55.4		ECAB	comp=N,6.0nm,0.1s,SNR=75			S	Sn	17 38 30.5	-2.7
PCVE	Castro Verde			P	S		17 37 02.2	+2.8	HORN	Hornachuelos	5.72	69	P	Pn	17 37 26.5	-2.2
PCVE	Castro Verde			S	S		17 37 42.0	+0.2	HORN	Hornachuelos			P	Pn	17 38 31.2	-3.1
PMAFR	Mafrá	3.68	35	ePn	Pn		17 37 02.1	+1.5	PVIS	Viseu	5.73	33	ePn	Pn	17 37 30.5	+1.6
PMAFR	Mafrá			eSn	A		17 37 41.8	-2.3	PVIS	Viseu			eSn	Pn	17 38 30.5	-4.2
PMAFR	Mafrá			A	A		17 37 49.1		PVIS	comp=N,26nm,0.4s			P	Pn	17 38 30.5	+1.6
PMAFR	Mafrá			P	S		17 37 02.1	+1.5	PVIS	Viseu	5.73	33	P	Pn	17 37 30.5	+1.6
PMAFR	Mafrá			P	S		17 37 41.3	-2.8	PVIS	Viseu			P	Pn	17 38 30.5	-4.2
PVAQ	Vaqueiros	3.73	66	ePn	Pn		17 37 04.2	+2.9	SICH	Sidi Chahed	5.79	107	P	Pn	17 37 25.0	-4.7
PVAQ	Vaqueiros			eSn	A		17 37 44.8	-0.5	SICH	Sidi Chahed			P	Pn	17 38 34.0	+3.2
PVAQ	Vaqueiros			A	A		17 37 47.9		EMIJ	Emij	5.87	82	P	Pn	17 37 34.0	+3.2
PVAQ	Vaqueiros			P	S		17 37 04.2	+2.9	EMIJ	Emij			S	Sn	17 38 38.3	+0.1
PVAQ	Vaqueiros			P	S		17 37 44.8	-0.5	EMIJ	Emij			S	Sn	17 38 38.3	+0.1
PVAQ	Vaqueiros			P	S		17 36 59.5	-1.8	OUK	Oukaimeden	5.88	143	P	Pn	17 37 23.9	-7.2
PVAQ	Vaqueiros			P	S		17 37 42.1	-3.1	OUK	Oukaimeden			P	Pn	17 38 30.0	-5.8
PVAQ	Vaqueiros			P	S		17 37 07.1	+3.5	EMAL	Malaga-Limoner	6.16	80	iP	Pn	17 37 38.9	+4.1
PVAQ	Vaqueiros			P	S		17 37 50.5	+1.1	EMAL	Malaga-Limoner			eS	Pn	17 38 45.8	+0.6
PBEJ	Beja	3.89	57	ePn	Pn		17 37 05.1	+1.1	IFR	Ifrane	6.17	111	iP	Pn	17 37 36.9	+1.9
PBEJ	Beja			eSn	A		17 37 54.3		IFR	Ifrane			P	Pn	17 38 42.0	-3.8
PBEJ	Beja			P	S		17 37 07.1	+3.5	TTIG	Tnigne Tigouga	6.18	150	P	Pn	17 37 31.8	-3.4
PBEJ	Beja			P	S		17 37 50.5	+1.1	TTIG	Tnigne Tigouga			P	Pn	17 38 38.8	-7.1
PBEJ	Beja			P	S		17 37 07.1	+3.5	EPLA	Placencia	6.21	47	P	Pn	17 37 37.3	+1.9
PBEJ	Beja			P	S		17 37 50.5	+1.1	EPLA	Placencia			S	Sn	17 38 42.9	-3.5
EGRO	El Granado	3.95	65	P	Pn		17 37 07.4	+3.0	PVRL	Vila Real	6.27	31	ePn	Pn	17 37 37.5	+1.3
EGRO	El Granado			S	S		17 37 49.3	-1.4	PVRL	Vila Real			eSn	Pn	17 38 43.2	-4.7
EGRO	El Granado			S	S		17 37 07.4	+3.0	PVRL	Vila Real			A	Pn	17 38 51.6	
EVO	Evora	4.08	50	ePn	Pn		17 37 08.7	+2.6	PVRL	Vila Real	6.27	31	P	Pn	17 37 37.5	+1.3
EVO	Evora			eSn	A		17 37 52.4	-1.6	PVRL	Vila Real			P	Pn	17 38 43.2	-4.7
EVO	Evora			A	A		17 37 59.0		LCRM	LCR	6.30	109	P	Pn	17 37 32.7	-4.1
EVO	Evora			P	S		17 37 08.7	+2.6	LCRM	LCR			P	Pn	17 38 41.4	-7.6
EVO	Evora			P	S		17 37 52.4	-1.6	POLO	Lamas de Olo	6.32	30	ePn	Pn	17 37 38.2	+1.2
EVO	Evora			P	S		17 37 09.1	+3.0	POLO	Lamas de Olo			eSn	Pn	17 38 43.7	-5.5
EVO	Evora			P	S		17 37 52.5	-1.4	POLO	Lamas de Olo			A	Pn	17 38 46.5	
EVO	Evora			P	S		17 37 11.2	+1.9	POLO	Lamas de Olo	6.32	30	P	Pn	17 37 38.2	+1.2
EVO	Evora			P	S		17 37 57.9	-1.7	POLO	Lamas de Olo			eSn	Pn	17 38 43.7	-5.5
EVO	Evora			P	S		17 37 11.2	+1.9	EADA	Adamuz	6.33	68	P	Pn	17 37 39.2	+2.2
EVO	Evora			P	S		17 37 57.9	-1.7	EADA	Adamuz			S	Sn	17 38 47.1	-2.3
EVO	Evora			P	S		17 37 09.1	+3.0	EADA	Adamuz			S	Sn	17 38 47.1	-2.3
EVO	Evora			P	S		17 37 52.5	-1.4	PVLZ	Peen de	6.33	95	eP	Pn	17 37 41.2	+4.2
EVO	Evora			P	S		17 37 11.2	+1.9	PVLZ	Peen de			eS	Pn	17 38 47.2	-2.2
EVO	Evora			P	S		17 37 57.9	-1.7	PVLZ	Peen de			P	Pn	17 37 35.4	-3.7
EVO	Evora			P	S		17 37 09.1	+3.0	CZD	Col de Zad	6.45	115	P	Pn	17 38 44.4	-8.5
EVO	Evora			P	S		17 37 52.5	-1.4	CZD	Col de Zad			P	Pn	17 37 42.2	+3.3
EVO	Evora			P	S		17 37 11.2	+1.9	EGOR	Sierra Gorda	6.46	78	P	Pn	17 38 51.8	-1.0
EVO	Evora			P	S		17 37 57.9	-1.7	EGOR	Sierra Gorda			S	Sn	17 38 51.8	-1.0
EVO	Evora			P	S		17 37 09.1	+3.0	EGOR	Sierra Gorda			S	Sn	17 38 51.8	-1.0
EVO	Evora			P	S		17 37 52.5	-1.4	MVO	Moncorvo	6.48	35	ePn	Pn	17 37 40.2	+1.0
EVO	Evora			P	S		17 37 11.2	+1.9	MVO	Moncorvo			eSn	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 57.9	-1.7	MVO	Moncorvo			A	Pn	17 38 59.3	
EVO	Evora			P	S		17 37 09.1	+3.0	MVO	Moncorvo			A	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 52.5	-1.4	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 11.2	+1.9	MVO	Moncorvo			P	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 57.9	-1.7	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 09.1	+3.0	MVO	Moncorvo			P	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 52.5	-1.4	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 11.2	+1.9	MVO	Moncorvo			P	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 57.9	-1.7	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 09.1	+3.0	MVO	Moncorvo			P	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 52.5	-1.4	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora			P	S		17 37 11.2	+1.9	MVO	Moncorvo			P	Pn	17 37 40.1	+1.0
EVO	Evora			P	S		17 37 57.9	-1.7	MVO	Moncorvo			P	Pn	17 38 48.6	-4.6
EVO	Evora															

18D 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NCK, GNBR, ZRD, QBL, Kuba-Taba, etc.

IDC 18:58:52.9, 5.8, 20.50X, 147.25E, h0km, mb3.8/4, mb1.3/9.4, mb1mx3.5/47, mbtmp3.8/4, MS3.2/1, Ms1.3.2/1, ms1mx2.4/38, Error ellipse: s-maj=213.1km s-min=27.9km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAJ, WRA, FITZ, ASAR, ZALV.

NIED 18:58:00, 38.60N, 144.60E, h5km, Mw3.9 Best double couple: M:6.820000, 1014 NP1.2, 29.00000, 825.00000, lambda=85.00000, NP2.2, 20.40000, 866.00000, lambda=92.00000

IDC 18:58:52.2, 1.4, 38.49N, 144.77E, h0km, mb3.5/4, mb1.3/9.8, mb1mx3.6/49, mbtmp3.8/8, ML3.2/4, MS2.4/1, Ms1.2.4/1, ms1mx2.2/30, Error ellipse: s-maj=36.0km s-min=19.9km az=89.0

ISCJB 18:58:54.7, 0.7, 38.62N, 144.70E, 0.1, h29km, mb3.5/4, Error ellipse: s-maj=6.2km s-min=4.5km az=32.0

JMA 18:58:56.8, 0.2, 38.56N, 144.61E, h4km, M4.2

ISC 18:58:56.2, 1.2, 38.56N, 144.70E, 0.09, h29km, n31, s165/44, mb3.6/4, Off east coast of Honshu

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

MAN 18:19:15.13.9, 96N, 124.30E, h17km, mb3.9, ML2.7, MS2.3, 2C-1D, Mindanao

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

SOME 18:19:42.6, 42.90N, 80.58E, h20km

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KRNET 18:19:45.4, 0.1, 43.04N, 80.37E, h15km, mb2.8
NNC 18:19:45.0, 1.0, 42.97N, 80.34E, h0km, mb3.0, mpv2.9, Error ellipse: s-maj=6.5km s-min=5.1km az=3.0
ISC 18:19:40.6, 1.9, 42.97N, 80.05, 80.64E, 0.06, h5km, n11km, n36, e130/61, 18C-7D, Kyrgyzstan-Xinjiang border region

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

MAN 18:19:23.30.9, 90N, 124.02E, h3km, mb4.2, ML3.0, MS2.7, 2C-2D, Mindanao

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

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Table with columns: OCLP, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ormoc, Jordan, Roxas.

MAN 18:19:25.37.7, 10.08N, 124.09E, h32km, mb3.9, ML2.7, MS2.2, 1D, Leyte

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

ISK 18:20:35.32.9, 40.73N, 35.22E, h5km, ML2.0/2
ISCJB 18:20:35.33.6, 0.5, 40.73N, 35.22E, 0.04, h9km, 5km, Error ellipse: s-maj=5.9km s-min=4.5km az=142.3
DDA 18:20:35.33.3, 40.71N, 35.25E, h7km, 3km, ML2.7
ISC 18:20:35.33.1, 2, 40.71N, 35.25E, 0.03, h10km, s13km, n13, e54/20, Turkey

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

NCEDC 18:20:36.36.2, 8.40, 33N, 105.124, 3W, 0.1, h27km, 7km, M2.9

NEIC 18:20:36.35.4, 1.2, 40.35N, 124.34W, 0.08, h33km, 8km, Near coast of northern California

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

ISC 18:20:51.11.3.0.1.1.38.67N.0.04.140.89E.0.06. h99km,7.7km, m23.0.065/28, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JOFO, JOFU, JOU, JMK, JIO, etc.

BOSA comp=2.5,8nm,0.7s Iamb Iamb 21 04 16.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H10N1, H10N3, H10N2, etc.

HSIG comp=2.4,6nm,0.5s Iamb Iamb 21 03 00.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HHAR, HHAR, 121A, etc.

ISC/JB 18:20:55.13.6.0.4.55.01S.0.08.33.1W.0.1. h10km, mb4.5/15, MS3.5/10, Error ellipse: s-maj=1.18km

IDC 18:20:55.13.3.0.5.55.13S.33.01W. h0km, mb4.6/12, mb1.4.6/13, mb1mx4.5/25, mbtmp4.6/13, ML4.0.1, MS3.5/11, Ms1.3.5/11, ms1mx3.5/16, Error ellipse: s-maj=22.0km

NEIC 18:20:55.16.7.2.1.55.27S.0.1x33.2W.0.2. h22km,4km, mb4.9/28

ISC 18:20:55.15.1.0.4.55.02S.0.08.33.1W.0.0.08. h10km, m109, r=133/92, mb4.8/23, MS3.5/10, 12, South Georgia Island region

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

ESDC comp=2.0,1nm,0.3s, baz=178, slow=6.7, SNR=3.6

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

IDC 18:21:00.51.6.3.6.5.40S.154.34E. h0km, mb3.5/2, mb1.3.8/2, mb1mx3.4/35, mbtmp3.5/2, Error ellipse: s-maj=178.5km s-min=48.8km az=124.0, Bougainville-Solomon Islands region

IDC 18:21:01.43.2.1.5.5.09S.153.02E. h0km, mb3.5/4, mb1.3.8/4, mb1mx3.6/33, mbtmp3.5/4, Error ellipse: s-maj=27.0km s-min=1.6km az=47.0

ISC/JB 18:21:01.48.3.1.5.5.15S.0.1.152.9E.0.2. h43km, mb3.3/4, Error ellipse: s-maj=32.1km s-min=20.9km az=4.9

ISC 18:21:01.50.0.1.5.5.05S.0.2.152.8E.0.2. h43km, n6, d0959/6, mb3.2/4, New Britain region

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

IDC 18:20:57.53.7.1.8.14.229N.93.44W. h0km, mb3.8/3, mb1.4.0/7, mb1mx3.7/42, mbtmp3.7/7, ML3.4/4, MS3.3/12, Ms1.3.3/12, ms1mx3.1/34, Error ellipse: s-maj=36.6km s-min=19.1km az=20.0

ISC/JB 18:20:57.58.1.0.7.14.32N.0.1.93.46W.0.0.04. h36km, mb3.8/3, MS3.3/9, Error ellipse: s-maj=10.7km s-min=5.5km az=18.7

NEIC 18:20:57.59.3.2.5.14.34N.0.10.93.45W.0.0.06. h23km,8km, mb4.1/22, MS3.3/9, Near coast of Chiapas

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

ISC 18:20:57.59.3.1.0.14.30N.0.1.93.46W.0.0.07. h36km, n50, r=117/45, mb4.1/12, MS3.3/9, Near coast of Chiapas

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

IDC 18:22:10.29.9.1.4.28.35S.177.26W. h0km, mb4.2/3, mb1.4.0/9, mb1mx3.9/22, mbtmp4.2/3, MS3.3/1, Ms1.3.3/1, ms1mx2.7/3, Error ellipse: s-maj=45.1km s-min=25.9km az=116.0

ISC/JB 18:22:10.35.5.1.0.28.5S.0.1.177.33W.0.2. h54km, mb4.1/3, Error ellipse: s-maj=24.8km s-min=14.7km az=34.1

ISC 18:22:10.36.6.0.9.28.5S.0.2.177.33W.0.2. h54km, n21, r=072/15, mb4.1/3, Kermadec Islands region

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

SOME 18:22:14.35.7.39.82N.77.47E. h20km KRNET 18:22:14.36.0.0.1.39.72N.77.59E. mb3.9 BUJ 18:22:14.36.6.0.0.40.10N.77.41E. h4km, ML3.4/8 NNC 18:22:14.38.6.1.0.40.03N.77.38E. h0km, mb4.0, mpv3.7, Error ellipse: s-maj=6.9km s-min=6.0km az=169.0

SJG	San Juan	28.11	17	P	P	22 53 29.3	-0.2
AOPR	Arecibo Observ	28.16	15	P	P	22 53 29.9	-0.2
AGPR	Aguadilla, PR	28.18	16	P	P	22 53 30.0	0.0
HMP	Col San Antonio	28.22	18	P	P	22 53 30.2	-0.5
HTP	Monte Pirata	28.27	18	P	P	22 53 31.0	0.0
GOPR	Guaynabo City	28.31	17	P	P	22 53 31.1	+0.3
GOPR	comp=Z,22nm,1.2s			I	Amb	22 53 35.8	
CBYP	Canovanas	28.34	17	P	P	22 53 30.8	-1.0
EMPR	Esperanza - Ma	28.35	16	P	P	22 53 31.2	-0.5
SKI	Saint Kitts	28.57	24	P	P	22 54 32.9	+0.9
APG	El Apazote	28.57	326	P	P	22 53 35.7	+1.7
	comp=Z,8.5nm,0.8s,baz=281,slow=24,SNR=4.2						
ANWB	Wilby Bob	29.26	25	P	P	22 53 37.4	-2.5
GO06	Curarehue	30.64	175	P	P	22 53 54.0	+2.0
PLCA	Paso Flores	31.86	174	P	P	22 54 03.2	+0.6
TEIG	Tepitch	32.00	335	P	P	22 54 04.0	+0.1
TEIG	comp=Z,17nm,1.0s			I	Amb	22 54 05.9	
VAS01	Vassouras-RJ	32.63	118	eP	P	22 54 10.3	+0.8
NBPS	Pedro II - PJ	33.12	84	eP	P	22 54 13.6	+0.3
SJMB	Sao Joao De Ma	33.71	110	eP	P	22 54 20.2	+1.3
SBSF	Barra de Sao F	34.05	110	eP	P	22 54 21.7	-0.2
NAN01	Guarapari, ES	34.53	108	eP	P	22 54 25.5	-0.5
RIB01	Linhares ES	34.57	111	eP	P	22 54 26.1	-0.3
NBIT	Itapeh - BA	34.78	103	eP	P	22 54 28.4	+0.2
NBPR	Pedra Branca-C	34.78	87	eP	P	22 54 28.0	+0.2
OBPZ	Ochopipi	35.15	350	P	P	22 54 31.6	+0.4
NBMA	Muriti-CE	35.39	90	eP	P	22 54 33.1	-0.4
NBTA	Tacaratu-PE	35.97	93	eP	P	22 54 38.0	-0.4
NBLA	Lagarto - SE	36.19	96	eP	P	22 54 40.1	-0.2
NBCL	Casavel-CE	36.25	85	eP	P	22 54 40.7	-0.1
NBLI	Livramento-PB	37.18	90	eP	P	22 54 48.6	-0.2
NBAN	Anadia - AL	37.71	94	eP	P	22 54 52.2	-0.9
RCBR	Riachuelo	38.38	88	eP	P	22 54 58.7	-0.2
455A	Stateville	40.29	349	P	P	22 55 14.8	+0.6
155A	Kite	42.02	350	P	P	22 55 28.9	+0.5
152A	Waverly Hall	42.50	347	pP	pP	22 56 05.0	+0.9
Z56A	Williston	42.53	351	pP	pP	22 56 05.2	+0.9
Z54A	Sparta	42.68	350	pP	pP	22 56 06.6	+1.0
Y60A	Bolivia	42.85	355	P	P	22 55 36.7	+1.7
Z53A	Monticello	42.86	349	pP	pP	22 56 07.9	+0.8
Z52A	Williamson	42.94	348	pP	pP	22 56 08.8	+1.0
GOGA	Godfrey	42.97	349	pP	pP	22 56 08.8	+0.9
Y55A	Saluda	43.20	351	pP	pP	22 56 11.1	+1.2
Z51A	Franklin	43.23	347	pP	pP	22 56 11.1	+1.0
Y54A	Tignall	43.27	350	pP	pP	22 56 11.4	+1.1
Z50A	Ashland	43.34	346	pP	pP	22 56 11.9	+0.9
LRAL	Lakeview Retre	43.40	345	pP	pP	22 56 12.1	+0.6
Y53A	Monroe	43.42	349	pP	pP	22 56 12.3	+0.7
Y52A	Liburn	43.52	348	pP	pP	22 56 13.3	+0.8
Y52A	Liburn	43.52	348	P	P	22 55 40.9	+0.4
Y51A	Rockmart	43.76	347	pP	pP	22 56 15.0	+0.6
X54A	Belton	43.88	351	pP	pP	22 56 15.9	+0.5
W58A	Raeford	43.94	354	P	P	22 55 44.4	+0.5
X53A	Estanollee	44.00	350	pP	pP	22 56 16.5	+0.2
Y49A	Blount Mountai	44.04	346	P	P	22 55 43.9	-0.7
W57A	Gilead	44.15	354	P	P	22 55 45.8	+0.3
W57A	Gilead	44.15	354	P	P	22 55 45.3	-0.2
W57A	Gilead	44.15	354	I	Amb	22 55 46.5	
833A	Chaparral WMA,	44.17	328	P	I	22 55 46.0	+0.3
833A	Chaparral WMA,	44.17	328	I	Amb	22 55 47.1	
X52A	Dahlonega	44.20	349	pP	pP	22 56 18.4	+0.4
KM5C	Kings Mountain	44.31	352	P	P	22 55 49.7	+2.9
X51A	Calhoun	44.36	348	pP	pP	22 56 19.9	+0.7
W54A	Cherokee Point	44.38	351	pP	pP	22 56 20.3	+0.9
V60A	Jim Taylor Roa	44.53	357	P	P	22 55 48.4	-0.1
V59A	Middlesex	44.60	356	P	P	22 55 49.6	+0.6
W53A	Cullowhee	44.62	350	pP	pP	22 56 22.7	+1.2
EPI	East Falkland	44.70	166	P	P	22 55 49.5	-0.2
V57A	Coltrane Farms	44.86	354	P	P	22 55 51.2	+0.1
V56A	Mocksville	44.86	353	P	P	22 55 51.1	0.0
V56A	Mocksville	44.86	353	pP	pP	22 56 24.5	+1.2
V56A	Mocksville	44.86	353	P	P	22 55 51.0	-0.2
V56A	Mocksville	44.86	353	I	Amb	22 55 52.6	
W51A	Cleveland	44.92	348	P	P	22 55 51.4	-0.1
W51A	Cleveland	44.92	348	pP	pP	22 56 24.6	+0.9
V54A	Nebo	45.02	351	pP	pP	22 56 25.6	+1.0
V53A	Saluda	45.05	350	P	P	22 55 51.9	-0.8
V53A	Saluda	45.05	350	P	P	22 55 52.3	-0.4
W50A	Signal Mountai	45.07	347	pP	pP	22 56 25.6	+0.6
CPCT	Cooper Cave	45.15	348	P	P	22 55 53.5	+0.1
U59A	Littleton	45.15	356	P	P	22 55 53.6	+0.2
U58A	Oxford	45.25	355	P	P	22 55 54.6	+0.5
U57A	Blanch	45.35	355	P	P	22 55 54.9	-0.1
U57A	Blanch	45.35	355	pP	pP	22 56 28.1	+0.9
U52A	Sevierville	45.35	350	pP	pP	22 56 27.9	+0.7
V52A	Sevierville	45.35	350	P	P	22 55 55.5	+0.5
V52A	Sevierville	45.35	350	I	Amb	22 56 07.7	
V51A	Loudon	45.46	349	pP	pP	22 56 28.8	+0.8
V51A	Loudon	45.46	349	pP	pP	22 55 55.8	-0.1
V50A	Pikeville	45.48	348	pP	pP	22 56 29.1	+0.9
U55A	TA2, Sparta	45.61	353	P	P	22 55 57.9	+0.8
U55A	TA2, Sparta	45.61	353	pP	pP	22 56 30.0	+0.6
U53A	Fall Branch	45.69	351	pP	pP	22 56 30.6	+0.6
U54A	Nelsons Funny	45.73	352	pP	pP	22 56 31.3	+1.0
V49A	McMinville	45.74	347	pP	pP	22 56 30.4	+0.1
T59A	Double "B" Far	45.75	357	P	P	22 55 58.6	+0.6
T59A	Double "B" Far	45.75	357	P	P	22 55 58.0	-0.1
T59A	Double "B" Far	45.75	357	I	Amb	22 55 59.2	
T58A	Grand View Acr	45.79	355	P	P	22 55 58.7	+0.2
T58A	Grand View Acr	45.79	355	pP	pP	22 56 31.6	+0.9
U57A	Thorn Hill	45.85	350	pP	pP	22 56 31.7	+0.5
T57A	Hurt	45.91	355	P	P	22 56 59.6	+0.3
T57A	Hurt	45.91	355	I	Amb	22 56 00.4	
V48A	Smith Brothers	45.93	346	P	P	22 55 59.7	+0.2

V48A	Smith Brothers	45.93	346	I	Amb	22 56 31.9	0.0
U51A	La Follette	45.95	349	pP	pP	22 56 31.7	-0.3
T56A	Rocky Mt	46.01	354	P	P	22 56 00.4	+0.2
TZTN	Tazewell	46.03	350	P	P	22 56 00.6	+0.3
TZTN	Tazewell	46.03	350	pP	pP	22 56 32.9	+0.3
TZTN	Tazewell	46.03	350	P	P	22 56 01.0	+0.6
U50A	Jamestown	46.15	348	pP	pP	22 56 33.9	+0.4
T55A	Pulaski	46.19	353	P	P	22 56 02.0	+0.4
T55A	Pulaski	46.19	353	pP	pP	22 56 34.5	+0.6
T54A	Tazewell	46.23	352	pP	pP	22 56 35.2	+0.9
BLA	Blacksburg	46.24	353	pP	pP	22 56 35.6	+1.3
BLA	Blacksburg	46.24	353	P	P	22 56 01.7	-0.3
BLA	Blacksburg	46.24	353	I	Amb	22 56 03.2	
WHTX	Lake Whitney,	46.24	333	P	P	22 56 02.8	+0.8
WHTX	Lake Whitney,	46.24	333	P	P	22 56 01.9	-0.1
U49A	Red Boiling Sp	46.43	347	pP	pP	22 56 35.5	-0.3
T52A	Hallie	46.49	351	pP	pP	22 56 36.2	0.0
T52A	Hallie	46.49	351	I	Amb	22 56 04.8	+0.9
T52A	Hallie	46.49	351	I	Amb	22 56 15.8	
T51A	Gray	46.51	350	pP	pP	22 56 37.1	+0.7
WWT	Waverly	46.55	345	P	P	22 56 04.2	-0.1
S57A	Dark Hollow, R	46.64	355	P	P	22 56 05.7	+0.7
S55A	Lewisburg	46.80	353	P	P	22 56 06.9	+0.5
S55A	Lewisburg	46.80	353	pP	pP	22 56 40.1	+1.3
MIAR	Mount Ida	46.87	338	P	P	22 56 06.9	0.0
MIAR	Mount Ida	46.87	338	P	P	22 56 06.4	-0.5
S54A	Dingess, Beckl	46.92	353	P	P	22 56 07.1	+0.3
S54A	Dingess, Beckl	46.92	353	I	Amb	22 56 19.2	
R59A	King George, V	46.95	357	P	P	22 56 08.3	+0.9
T49A	Edmonton	46.95	348	pP	pP	22 56 39.9	0.0
T49A	Edmonton	46.95	348	P	P	22 56 06.4	-1.1
T49A	Edmonton	46.95	348	I	Amb	22 56 19.8	
CBN	Corbin Frederi	46.97	357	P	P	22 56 08.3	+0.7
W41B	Gary Mavity, V	46.97	340	P	P	22 56 08.1	+0.5
W41B	Gary Mavity, V	46.97	340	pP	pP	22 56 39.6	-0.5
W41B	Gary Mavity, V	46.97	340	P	P	22 56 07.1	-0.5
R58A	Rapidan	47.10	356	P	P	22 56 09.3	+0.7
R57A	Standardsville	47.13	356	P	P	22 56 09.5	+0.6
R57A	Standardsville	47.13	356	pP	pP	22 56 42.6	+1.3
R54A	Victor	47.26	353	pP	pP	22 56 42.7	+0.3
SS0A	Richmond	47.29	349	pP	pP	22 56 42.9	+0.4
TX32	Lajitas Array	47.31	325	P	P	22 56 10.2	-0.3
TXAR	Lajitas Array	47.31	325	P	P	22 56 10.9	+0.4
TXAR	Lajitas Array	47.31	325	pP	pP	22 56 44.2	+1.3
TXAR	Lajitas Array	47.31	325	pP	pP	22 56 10.8	+0.3
R56A	Bull Pasture M	47.32	355	pP	pP	22 56 42.9	+0.1
W39A	Magazine	47.53	338	P	P	22 56 12.2	+0.3
R53A	Huntsme	47.53	352	P	P	22 56 12.0	+0.1
S49A	Springfield	47.56	346	pP	pP	22 56 44.6	-0.1
Q58A	Fox Den Farm,	47.72	357	P	P	22 56 14.3	+0.9
Q58A	Fox Den Farm,	47.72	357	pP	pP	22 56 46.8	+1.0
ABTX	Abilene, Hawle	47.78	331	P	P	22 56 14.4	+0.4
ABTX	Abilene, Hawle	47.78	331	P	P	22 56 14.0	-0.1
ABTX	Abilene, Hawle	47.78	331	I	Amb	22 56 15.6	
R50A	Paris	47.86	350	P	P	22 56 15.0	+0.5
R50A	Paris	47.86	350	I	Amb	22 56 27.4	
Q57A	Strasburg	47.86	356	P	P	22 56 15.4	+0.9
Q56A	Snyder Ridge,	47.93	355	P	P	22 56 15.9	+0.9
Q56A	Snyder Ridge,	47.93	355	pP	pP	22 56 49.3	+1.8
Q56A	Snyder Ridge,	47.93	355	P	P	22 56 15.7	+0.7
Q55A	Buckhannon	47.97	354	P	P	22 56 15.7	+0.3
Q53A	Leroy	47.99	353	P	P	22 56 15.8	+0.2
Q53A	Leroy	47.99	353	pP	pP	22 56 48.5	+0.5
Q54A	Coxs Mills	48.03	353	P	P	22 56 16.4	+0.6
Q54A	Coxs Mills	48.03	353	pP	pP		

18d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include G57A Newington, G60A Masonville, G58A Ormsvorn, G62A West of Eustis, etc.

2013 OCT

Table with columns: LIC, Station Name, Az, Az', Phase ID, Time, Res. Rows include LIC Lamto, TIC Tounodi, DBIC Dimbokro, DBIC Dibokro, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YHH Holmes Hill, MCMT McKenzie Canyo, KURBB Kurchatov Arra, etc.

DC 18 23:00:15.3:1.1, 4:15S: 153.88E, h369km, 6km, mb2.9/7, mb1 3.1/7, mb1mx2.9/44, mbtmp3.6/7, Error ellipse: s-maj=25.1km s-min=18.5km az=80.0

ISC 18 23:00:17.5:1.0, 4:25S:0.2:153.6E:0.2, h400km, n9, e2372/10, mb3.3/7, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KRVT Keravat (AS076), KRVT Keravat (AS076), KRVT Keravat (AS076), etc.

NNC 18 23:10:13.9:2.6, 6:62N:70.75E, h0km, mb4.8, mpv4.6, Error ellipse: s-maj=26.5km s-min=13.3km az=155.0

ISC 18 23:10:17.1:0.1, 3:6:42N:0:02:71.05E:0.02, h200km, mb4.2/80, Error ellipse: s-maj=2.7km s-min=2.4km az=29.2

MOS 18 23:10:19.8:0.8, 3:6:48N:71.17E, h233km, mb4.4/22, Error ellipse: s-maj=6.4km s-min=4.3km az=104.5

BUI 18 23:10:19.7:0.0, 3:6:63N:71.18E, h219km, mb4.4/32, mb4.6/22

DC 18 23:10:20.7:0.7, 3:6:39N:71.15E, h233km, 6km, mb3.8/26, mb1 3.9/33, mb1mx3.8/65, mbtmp4.4/33, Error ellipse: s-maj=10.1km s-min=8.6km az=11.0

NEIC 18 23:10:20.7:1.3, 3:6:50N:0:06:71.10E:0.09, h227km, 6km, mb4.6/77

ISC 18 23:10:18.7:0.3, 3:6:47N:0:04:71.09E:0.03, h200km, n370, e1356/389, mb4.4/97, 35C-10D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KBL Kabul, KBL Kabul, KBL Kabul, etc.

Table with columns: SALO, comp-Z, 12nm, 0.8s, IAmB, IAmB, 23 19 16.3, DAVA, Damuels, 45.75 304, i P, P, 23 18 19.3 -0.9, etc.

comp-Z, 3.3nm, 0.7s, bazz=12, slow=3.4, SNR=7.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PRU 18 23:16:00.7, 0.5, 155Z, 16:07E, h0km, Poland, CHVC, Chvalec, 0.96 181, Op, ISC, h m s, ISC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, MAN 18 23:38:44.5, 10:00N, 124:132E, h10km, MS2.8, ISC 18 23:38:39.7, 2.3, 9.74N, 0.09, 124:20E, 0.05, h4km, 15km, n8, e293/13, 4C, Mindanao, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 925.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 2013 OCT.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 19d Oh.

Table with columns: VTS, comp, Z, S, T, I, A, M, b, 0, 0, 58, 48.5. Includes stations like KARP Karpathos, GEC2 GERESS Array B, GEC3 GERESS Array B, etc.

MAN 19 00:51:44.9,9.92N:123.92E,h11km,mb4.7,ML3.5,MS3.4, 3C-5D, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, TBP Sibulan, MSLP Maasin, etc.

IDC 19 00:52:28.6,99.0,55.46N:160.24E,h0km,Error ellipse: s-maj=54.8km s-min=60.5km az=34.0, Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like I44RU PETROPOLAVLOVSK-2.78 213 i, I45RU USSURIYSK INFR 21.27 250 i, etc.

IDC 19 00:56:38.4,1.4,6.2N:93.24E,h0km,mb3.8/7,mb1 4.0/9, mb1mx3.7/30,mbtmp3.8/9,ML3.9/2,MS2.8/2,MS1 2.8/2, ms1mx2.5/36, Error ellipse: s-maj=51.4km s-min=20.2km az=52.0

ISCJB 19 00:56:40.1,±0.5,4.64N:0.08:93.22E:0.07,h28km, mb3.0/34, Error ellipse: s-maj=13.5km s-min=7.3km az=39.4

NEIC 19 00:56:41.9,1.1,4.7N:0.1:93.20E:0.06,h28km,5km, mb4.4/14

ISC 19 00:56:42.1,0.7,4.7N:0.1:93.29E:0.09,h28km,n50, ±151/42,mb4.1/11, Off west coast of northern Sumatra

Main table for the first section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LHMI Phok Sumawe, PSI Lakat, RPSI Rantau Prapat, etc.

SOME 19 01:03:12.7,4.1,90N:80.10E,h20km

KRNET 19 01:03:14.9,0.1,40.52N:79.44E,mb2.5

ISC 19 01:03:10.1,2.3,4.183N:0.08:80.22E:0.09,h10km,n19, ±15/35,4C-8D,Southern Xinjiang

Main table for the second section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, PRZ baz=39, UZB Uzynbulak, etc.

IDC 19 01:19:18.8,1.5,6.58S:155.62E,h0km,mb3.8/6, mb1 4.0/8,mb1mx3.8/33,mbtmp3.9/8,ML3.1/2,MS3.3/1, Ms3.3/1,ms1mx2.6/25, Error ellipse: s-maj=44.4km s-min=26.4km az=128.0

ISCJB 19 01:19:23.3,1.2,6.55S:0.1:155.4E:0.1,h33km,mb3.7/6, MS3.2/1, Error ellipse: s-maj=18.7km s-min=13.2km az=138.6

ISC 19 01:19:24.9,1.2,6.55S:0.1:155.5E:0.1,h35km,n9, ±1507/12,mb3.7/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KRVT Karavat, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 19 01:38:26.5,0.9,29.80S:176.30W,h0km,mb4.4/6, mb1 4.0/7,mb1mx4.3/25,mbtmp4.4/7,ML3.9/1,MS3.6/5, ms1mx3.6/5,ms1mx3.2/21, Error ellipse: s-maj=28.5km s-min=20.4km az=175.0

ISCJB 19 01:38:30.3,0.3,29.72S:0.05:176.63W:0.08,h24km, mb4.7/13,MS3.7/6, Error ellipse: s-maj=11.1km s-min=6.3km az=26.1

NEIC 19 01:38:35.8,1.6,29.78S:0.09:176.6W:0.1,h58km,6km, mb4.5/28

ISC 19 01:38:31.4,0.5,29.86S:0.07:176.39W:0.07,h24km,n90, ±1949/84,mb4.6/23,MS3.6/6,1C,Kermadec Islands region

Main table for the third section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Main table for the fourth section with columns: RAR, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TBI Tubuai, PAE comp=Z,213nm,27.2s, PPT2 Papeete2, etc.

MAN 19 01:39:29.9,9.67N:123.52E,h0km,mb4.0,ML2.8,MS2.4, 1C-1D, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, TBP Sibulan, MSLP Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Wattenberg, Sankt Quirin, Mossamb, Reutts, Feichten, etc.

NIED 19 02:08:00.38:30N:141.80E, h56km, Mw4.2 Best double couple: M1, 930000; N105, NP1, 240,00000; R23,00000...

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

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

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

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

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

NEIC 19 02:19:12.6:2.4,34:95N:0:08:23:01E:0:07, h10km, 1km, mb4.2/19, ML3.9(THE)

MED_RC 19 02:19:06.2:1.35:22N:23:01E, h21km, gkm, MW4.07, Moment Tensor Solution. Mantle waves: s7:68; Duration: 1s0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like THR3, THR3, THR3, etc.

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

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

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

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

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

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like AYVA, FETY, KSL, AKAS, KOLA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like CEY, BURAR, TEOL, VYHS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like MK31, MK32, MKAR, etc.

ROM 19 02:19:35.0.0.43:379N.0:002:12:532E.0:003, h8km, ML2.1/28, Error ellipsis: s-maj=0.2km s-min=0.1km az=41.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like ATFO, MURB, etc.

JCH	Churui	5.59 241	P	Pn	02 59 44.7	-2.9
JCH			eS	Sn	03 00 44.9	-6.1
JWK2	Keihoku	5.68 270	P	Pn	02 59 50.2	+1.4
JFR	Furan	5.80 248	P	Pn	02 59 49.8	+0.6
ERM	Ermo	6.07 237	ePN	Pn	02 59 52.1	-1.8
ERM	Ermo	6.07 237	ePN	Pn	02 59 52.2	-1.8
JB2T	Biratori 2	6.13 246	P	Pn	02 59 52.8	-2.0
JB2T			eS	Sn	03 00 58.8	-5.2
JNBK	Urakawa-nobuka	6.15 240	P	Pn	02 59 51.7	-3.4
JNBK			eS	Sn	03 00 55.8	-8.6
UGL	Uglegorsk	6.42 306	ePN	Pn	02 59 58.5	-0.1
UGL			ePN	Pn		
UGL	comp=Z,1.17nm,1.5s			Pmax		
UGL	Uglegorsk	6.42 306	eP	Pn	02 59 58.0	-0.6
UGL			eP	AMB	02 59 59.0	
SKR	Severo-Kuril's	6.58 37	ePN	Pn	02 59 56.6	-4.1
SKR			eS	Pn	03 01 08.9	-5.7
SKR			eS	Pmax		
SKR	comp=Z,227nm,0.5s			smax		
SKR	comp=N,96nm,0.9s			smax		
SKR	comp=E,94nm,0.7s			smax		
SKR	Severo-Kuril's	6.58 37	eP	Pn	02 59 56.0	-4.7
SKR			eP	AMB	02 59 59.0	
SKR	comp=E,227nm,0.5s			eS	03 01 08.0	-6.6
SKR			eS	A	03 01 26.0	
SKR	comp=E,96nm,0.9s			A		
JNB	Noboribetsu	7.14 248	P	Pn	03 00 05.8	-2.4
JNB			eS	Sn	03 01 22.9	-5.2
JKB	Kayabe	7.43 244	P	Pn	03 00 09.1	-3.1
JKB			eS	Sn	03 01 27.1	-8.4
JYM2	Yakumo 2	7.74 247	P	Pn	03 00 13.7	-2.6
JYM2			eS	Sn	03 01 36.1	-6.5
JSL	Shiuruchi	8.02 243	P	Pn	03 00 16.8	-3.2
JSR			eS	Sn	03 01 40.8	-8.4
JTM	Tenabayashi	8.06 237	P	Pn	03 00 16.7	-3.9
JTM			eS	Sn	03 01 39.8	-1.0
JANG	Nango	8.07 233	P	Pn	03 00 16.2	-4.6
JANG			eS	Sn	03 01 39.8	-1.1
JTH	Tanohata	8.18 230	P	Pn	03 00 16.9	-5.3
JTH			eS	Sn	03 01 41.0	-1.2
JOSM	Okushiri-Mats	8.34 249	P	Pn	03 00 27.3	-4.7
OFUJ	Ofunato	8.92 226	P	Pn	03 02 00.8	-1.0
OFUJ			eS	Sn	03 00 30.5	-3.7
PEA0B	Petropavlovsk	9.09 31	PN	Pn	03 00 30.5	-3.7
PEA0B	Petropavlovsk	9.09 31	P	Pn	03 00 29.9	-4.3
PETK	Petropavlovsk	9.09 31	P	Pn	03 00 29.9	-4.3
PETK	comp=E,7.3nm,0.3s,baz=205,slow=11,SNR=112			S	03 02 08.7	-6.2
PETK	baz=181,slow=19,SNR=1.8			S		
PETK	Petropavlovsk	9.09 31	P	Pn	03 00 30.0	-4.1
JRG	Rokugo	9.24 232	P	Pn	03 00 32.0	-4.3
TEY	Ternei	9.44 272	i/P	Pn	03 00 39.0	+0.2
TEY			eP	AMB	03 00 40.0	
TEY	comp=Z,20nm,1.0s			Pmax		
TEY	comp=E,20nm,1.0s			Pmax		
TEY	comp=E,20nm,0.7s			AMB		
JIO	Ouri	9.56 225	P	Pn	03 00 34.9	-5.6
JIO			eS	Sn	03 02 15.6	-1.1
JYA	Atsumi	10.31 231	P	Pn	03 00 47.2	-3.3
JYA			eS	Sn	03 02 35.1	-9.5
GRNR	Gornyy	10.44 305	ePN	Pn	03 00 58.4	-2.1
JFY	Yanaizu	11.19 227	P	Pn	03 00 59.4	-2.7
MJAR	Matsushiro Arr	12.63 229	P	Pn	03 01 18.1	-2.7
MJAR	comp=E,0.3nm,0.3s,baz=26,slow=13,SNR=25			S	03 03 33.4	-7.0
MJAR	comp=E,0.1nm,0.3s,baz=43,slow=13,SNR=3.0			S		
MJAR	Matsushiro Arr	12.63 229	PN	Pn	03 01 19.9	-0.9
MJAR	Matsushiro Arr	12.63 229	PN	Pn	03 01 19.9	-0.9
MJB9	Matsu-Tunnel	12.63 229	P	Pn	03 01 18.9	-1.9
MAJO	Matsushiro	12.63 229	ePN	Pn	03 01 18.9	-1.9
MAJO	Matsushiro	12.63 229	P	Pn	03 01 18.2	-2.6
MAT	Matsushiro	12.63 229	P	Pn	03 01 18.4	-2.4
MAT			eS	Sn	03 03 31.5	-8.9
USRK	Ussuriysk Ar.	12.82 270	P	Pn	03 01 21.9	-1.4
USRK	comp=E,0.3nm,0.3s,baz=83,slow=13,SNR=15			S	03 01 22.2	-1.1
USRK	Ussuriysk Ar.	12.82 270	PN	Pn	03 01 22.2	-1.1
USRK	Ussuriysk Ar.	12.82 270	PN	Pn	03 01 22.6	-0.7
USA0B	Ussuriysk Arra	12.83 270	PN	Pn	03 01 22.6	-0.7
USA0B	Ussuriysk Arra	12.83 270	PN	Pn	03 01 21.7	-2.2
KLR	Kul'dur	12.88 293	P	Pn	03 01 23.1	-0.8
KLR	comp=E,0.1nm,0.3s,baz=104,slow=14,SNR=7.2			Pmax		
KLR	Kul'dur	12.88 293	ePN	Pn	03 01 23.1	-0.8
KLR	comp=Z,2.0nm,0.6s			Pmax		
KLR	Kul'dur	12.88 293	eP	Pn	03 01 23.0	-0.8
MA2	Magadan	14.05 2	P	Pn	03 01 34.9	-3.8
MA2	comp=Z,0.8nm,0.3s,baz=193,slow=6.1,SNR=3.8			Pmax		
MA2	Magadan	14.05 2	eP	Pn	03 01 35.0	-3.8
MA2	comp=Z,5.1nm,2.5s			Pmax		
MDJ	Mudanjiang	14.43 274	P	P	03 01 45.9	-0.2
SEY	Seymchan Ar.	17.47 4	P	Pn	03 02 17.4	-3.1
SEY	comp=Z,0.6nm,0.3s,baz=175,slow=8.8,SNR=23			Pmax		
SEY	Seymchan	17.47 4	i/P	Pn	03 02 17.6	-3.0
SEY	Seymchan	17.47 4	eP	Pn	03 02 17.0	-3.6
CN2	Changchun	17.51 273	eP	Pn	03 02 21.0	-0.2
CN2			eP	Pmax		
YAK	Yakutsk	20.24 332	eP	Pn	03 02 48.6	-4.6
YAK			eS	S	03 06 26.6	-1.6
YAK	comp=Z,80nm,0.9s			Pmax		
YAK	comp=N,32nm,1.0s			Pmax		
YAK	comp=E,21nm,1.3s			Pmax		
YAK	comp=E,237nm,2.7s			smax		
YAK	comp=N,184nm,3.2s			smax		
YAK	Yakutsk	20.24 332	P	Pn	03 02 50.2	-2.9
HIA	Hailar	20.72 291	P	Pn	03 02 56.2	-2.8
HIA	comp=Z,45nm,1.5s			Pmax		
HIA	Hailar	20.72 291	P	IAMB	03 02 56.2	-2.8
HIA	comp=Z,45nm,1.5s			Pmax		
RES	Great Sitkin T	23.15 61	P	P	03 03 19.8	+0.5
BJT	Baijituau	25.29 269	P	Pn	03 03 40.4	+1.6
BJT			eP	Pmax		
BJT	comp=Z,14nm,0.9s			IAMB		
NJ2	Nanjing	27.55 252	eP	Pn	03 04 01.6	+2.5
NJ2			eP	Pmax		
TIXI	Tiksi	28.05 346	P	P	03 04 00.4	-2.8
TIXI	comp=Z,2.0nm,0.3s,baz=135,slow=9.2,SNR=1.7			Pmax		
TIXI	Tiksi	28.05 346	eP	Pn	03 04 00.5	-2.6
TIXI	comp=Z,4.0nm,0.7s			Pmax		
TIXI	Tiksi	28.05 346	eP	Pn	03 04 00.8	-2.3
HHC	Hu-ho-hao-te	28.20 274	eP	Pn	03 04 07.3	+2.4
HHC	comp=Z,1.3nm,0.5s			Pmax		
H11N2	WAKE ISLAND Hy	29.31 146	T	T	03 35 54.5	
H11N1	WAKE ISLAND Hy	29.32 146	T	T	03 35 55.5	
H11N3	WAKE ISLAND Hy	29.33 146	T	T	03 35 55.8	
H11N3	WAKE ISLAND Hy	29.33 146	T	T	03 35 55.8	
SONA0	Songino Array	29.68 290	P	P	03 04 18.2	+0.2
SONM	Songino Array	29.68 290	P	P	03 04 18.2	+0.2
SONM	comp=Z,0.4nm,0.4s,baz=90,slow=11,SNR=2.9			Pmax		
H11S1	WAKE ISLAND Hy	30.34 147	T	T	03 37 15.0	
H11S3	WAKE ISLAND Hy	30.35 147	T	T	03 37 17.9	
H11S2	WAKE ISLAND Hy	30.36 147	T	T	03 37 18.7	
RDOG	Red Dog Mine	32.96 30	P	P	03 04 46.6	+0.2
RDOG			IAMB	IAMB	03 04 47.6	

IMAR	Indian Mountain	36.02 35	P	P	03 05 12.9	+0.3
KDAK	Kodiak Island	36.55 49	i/P	P	03 05 18.4	+1.2
SKT	Skwentna	36.82 42	P	P	03 05 20.8	+1.3
GTA	Gaotai	36.99 279	eP	P	03 05 23.3	+1.9
BPWA	Bear Paw Mtn.	37.06 39	P	P	03 05 21.1	-0.4
KTH	Kantishna Hill	37.09 40	P	P	03 05 22.7	+0.9
MLY	Manley	37.20 37	P	IAMB	03 05 23.2	+0.5
COLD	Coldfoot	37.55 34	IAMB	IAMB	03 05 40.0	
COLT	comp=Z,1.1nm,1.0s			P		
ROK1	Rabot Creek	37.71 44	P	P	03 05 27.3	+0.3
TKL	Toolik Lake	37.91 31	P	P	03 05 29.6	+1.0
MCK	McKinley	37.97 39	P	P	03 05 29.5	+0.3
MCK			eP	Pmax		
MCK	comp=Z,0.65nm,1.7s			Pmax		
MCK	McKinley	37.97 39	P	P	03 05 29.5	+0.3
RND	Reindeer	38.02 40	P	P	03 05 30.0	+0.4
GHO	Glory Hole Cre	38.06 42	P	IAMB	03 05 30.4	+0.4
GHO			eP	IAMB	03 05 31.4	
MDM	Murphy Dome	38.26 37	P	P	03 05 31.8	+0.2
MDM			eP	IAMB	03 05 33.5	
KNK	Knik Glacier	38.31 43	P	P	03 05 32.8	+0.8
WRH	Wood River Hill	38.33 38	P	P	03 05 33.4	+1.3
WRH			eP	IAMB	03 05 46.5	
SML	Sawmill	38.34 42	P	P	03 05 33.2	+0.9
SML			eP	Pmax		
SML	comp=Z,56nm,0.8s			P		
TCOL	CIGO, UAF Yank	38.34 42	P	P	03 05 32.8	+0.4
COLA	College	38.42 37	i/P	P	03 05 34.2	+1.3
COLA			eP	P	03 06 00.7	-4.7
COLA			eP	Pmax		
COLA	comp=Z,19nm,0.9s			P		
COLA	College	38.42 37	P	P	03 05 33.3	+0.4
CCB	Clear Creek Bu	38.45 38	P	P	03 05 34.0	+0.9
CCB			eP	IAMB	03 05 34.9	
POKR	Poker Plat Res	38.60 37	P	P	03 05 35.9	+1.5
DHY	Denali Highway	38.70 40	P	P	03 05 36.0	+0.5
DHY			eP	IAMB	03 05 43.9	
SCM	Sheep Creek Mo	38.81 42	P	P	03 05 36.9	+0.6
SCM			eP	Pmax		
SCM	comp=Z,113nm,2.0s			P		
HDA	Harding Lake	38.81 42	P	P	03 05 36.9	+0.6
HDA			eP	P	03 05 36.4	+0.1
HDA	Harding Lake	38.82 38	P	P	03 05 36.4	+0.1
IL31	Ilar	38.84 38	P	P	03 05 36.8	+0.4
IL31			eP	IAMB	03 05 38.9	
IL31	comp=Z,12nm,0.9s			P		
ILAR	Eielson Array	38.84 38	P	P	03 07 44.0	-0.1
ILAR	comp=Z,7.9nm,0.8s,baz=265,slow=8.2,SNR=70			P	03 05 36.4	-0.1
ILAR	comp=Z,0.3nm,0.8s,baz=297,slow=4.0,SNR=2.4			P		
ILAR	Eielson Array	38.84 38	P	P	03 05 36.2	-0.2
GLI	Glacier Island	39.02 44	P	P	03 05 38.0	+0.1
FID	Port Fidalgo	39.33 44	P	P	03 05 40.9	+0.4
PRP	Porcupine Dome	39.39 36	IAMB	IAMB	03 05 43.1	
BMAR	Burnt Mountain	39.73 33	P	P	03 05 44.4	+0.6
DOT	Dot Lake	40.14 39	IAMB	IAMB	03 05 47.9	
RAGM	Ragged Mountai	40.26 44	P	P	03 05 49.2	+1.0
CRQM	Crque	40.95 44	P	P	03 05 55.5	+1.4
BCAR	Beaver Creek A	41.23 40	P	P	03 05 56.9	+0.7
EGAK	Eagle	41.29 37	P	P	03 05 57.1	+0.6
EGAK			eP	IAMB	03 05 57.8	
ZALV	Zalesovo Beam	41.54 306	P	P	03 07 54.7	+1.6
ZALV	comp=Z,1.9nm,0.5s,baz=67,slow=3.8,SNR=4.2			P		
BARN	Barnard Glacie	41.61 43	P	P	03 06 00.7	+1.2
KNI	Kuning	42.86 258	P	P	03 06 11.8	+1.7
KNI			eP	Pmax		
KNI	comp=Z,9.0nm,0.6s			P		
EPYK	Eagle Plains	42.90 35	IAMB	IAMB	03 06 11.3	+1.6
EPYK	comp=Z,278,SNR=7.3			IAMB		
EPYK						

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Pinedale Array, Edwards Air Force, Pine Spring, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Amarillo, Vranov, Moravsky, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Red Boiling Sp, Nancy, Milroy, etc.

BEO 19 03:13:28.6±2.1, 37.45N±24.07E, h81km,4km, ML3.5/4
ISCJB 19 03:13:30.5±0.3, 37.58N±0.02±23.43E±0.03, h145km,3km,
Error ellipse: s-maj=4.7km s-min=2.7km az=137.5

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other technical details. Includes stations like Didima, Hydima, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VIL2, PROD Prodomos, KARY Karystos, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CHAN Chania, CHOS Chios Island, IMMV Iera Moni Meta, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KURS, ANVS Anan'yevs, TARG Taragay, Kyrgyz, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like HFEH, PACP, CSR, HCOM, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like JTS, FSCY, NATX, WHTX, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Z55A, V48A, V48B, etc.

ISCJB 19 03:55:07.8,0.3,17.26N,0.03:95.14W,0.03,h100km, mb3.9/6, Error ellipse: s-maj=4.5km s-min=3.6km az=42.0

NEIC 19 03:55:09.6,1.4,17.22N,0.10:95.18W,0.07,h11km,5km, mb4.4/85

MEX 19 03:55:09.7,0.6,17.00N,95.22W,h124km,14km,MD4.3 IDC 19 03:55:09.9,0.7,17.19N,95.07W,h110km,3km,mb3.77, mb1.4/0,mb1mx3.6/34,mbmp4.2/10,MS3.2/2, Ms1.3/2.2,ms1mx2.6/28, Error ellipse: s-maj=17.5km s-min=13.4km az=42.0

ISC 19 03:55:08.9,0.5,17.24N,0.05:95.18W,0.04,h100km, n273,r1916/284,mb4.4/27,Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like CMIG, VHO, HUG, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like W41B, W41C, W41D, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like W55A, W55B, W55C, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Coltrane Farms, Tazewell, King, Bloomington, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kodiak Island, Paso Flores, Paso Flores, etc.

ISCJB 19 03:57:36.4-0.7, 8.22N:0.04-82.83W:0.02, h17km, 6km, Error ellipse: s-maj=7.5km s-min=3.2km az=20.0

UPA 19 03:57:37.5-1.9, 8.32N:82.80W, h14km, 3km, MD4.0, MW4.5

UCR 19 03:57:37.8-4.2, 8.30N:82.79W, h17km, 7km, MD4.1

ISC 19 03:57:37.8-1.0, 8.31N:0.04-82.79W:0.03, h28km, 6km, MD7.1

ISC 19 03:57:37.8-1.0, 8.31N:0.04-82.79W:0.03, h28km, 6km, MD7.1

region: 193/76, 13C-17D, Panama-Costa Rica border

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists numerous stations and their parameters.

TAP 19 03:57:53.7, 23.72N:121.47E, h6km, ML1.8.D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for Taiwan.

TAP 19 03:57:55.2, 23.71N:121.47E, h7km, ML1.9.D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for Taiwan.

Table with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Includes stations like Suanglung, Sun Moon Lake, Datong.

NEIC 19 04:02:24.5-1.3, 36.58N:0.02-121.27W:0.03, h19km, 2km

NCEDC 19 04:02:24.5-2.4, 36.60N:0.01-121.21W:0.01, h9km, 3km

MW3.4 Moment Tensor Solution, Moment Tensor: Scale 10^14Nm; Mw:0.06; Mho:1.48; Moq:1.42; Mw:0.02; Mho:0.12; Mo:0.05

ANF 19 04:02:25.5-1.6, 36.47N:121.19W, h3km, 15km, ML3.0/18

Error ellipse: s-maj=12.2km s-min=7.0km az=80.0

ISC 19 04:02:24.6-0.8, 36.58N:0.02-121.25W:0.02, h17km, 5km, n228, 1910/238, Central California

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists numerous stations and their parameters.

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

SKHL 19 04:10:48.5±0.4, 45°30'N x 150°20'E, h63km, 6km, mb5.2/5, Kuril Islands

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

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

ISC/JB 19 04:15:14.4±0.9, 18°11'N, 0°2:68:92W±0:05, h117km, 14km, Error ellipse: s-maj=34.9km s-min=-4.6km az=11.9

NEIC 19 04:15:14.2±1.1, 18°4N, 0:3:69:0W±0.2, h112km, 24km

OSPL 19 04:15:14.4±1.6, 17:70N:68:99W, h9km, 11km, MD3.5, ML2.3

RSRP 19 04:15:14.7, 18°14'N, 68°97'W, h112km, 1km, MD3.4/10

ISC 19 04:15:16.8±1.5, 18°11'N, 0:2:68:90W±0:05, h92km, 14km, n37, r108/53, 8C-4D, Mona Passage

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

NIED 19 04:18:00.33:70N, 140°60E, h50km, Mw4.2 Best double couple: M2 11000±1015 NP1±173.00000±; i8.6, 0.0000±, 1.65, 0.0000±. NP2±19.00000±; i7.6, 0.0000±, 1.97, 0.0000±.

ISC/JB 19 04:18:30.7±0.4, 33°66'N, 0°02:140:60E±0:04, h54km, 3km, mb4.3/46, MS3.4/8, Error ellipse: s-maj=5.1km s-min=3.3km az=177.2

MOS 19 04:18:30.8±0.9, 33°64'N, 140°55E, h58km, mb4.6/22, Error ellipse: s-maj=13.0km s-min=6.4km az=112.1

NEIC 19 04:18:31.4±1.8, 33°63'N, 0°05:140:61E±0:09, h47km, 6km, mb4.3/44

JMA 19 04:18:31.4±0.1, 33°62'N, 140°54E, h54km, 10km, mb3.9/19, IDC 19 04:18:32.3±1.1, 33°62'N, 140°54E, h54km, 10km, mb3.9/19, mb1.4/25, mb1mx4.0/45, mbtmp4.2/25, MS3.2/10, Ms1.3/210, ms1mx3.0/41, Error ellipse: s-maj=15.6km s-min=8.1km az=82.0

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

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

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

ISC/JB 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

ISC 19 04:18:31.7±0.9, 33°67'N, 0°04:140:65E±0:05, h51km, 6km, n181, r104/184, mb34/56, MS3.4/8, 6C-4D, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WTTA Wattenberg, MOTA Moosalm, MYKA Terra Mystica, etc.

IGQ 19 04:52:47.51.0.5 S 7.8 W 0.2 h, h20km, Mjma3.6, ML3.8, ML3.6, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GONZ Gonzanam, ZUMB Zumba, MORR Yumaya El Morr, etc.

MAN 19 05:24:18.6, 9.83N, 123.92E, h8km, MS3.8, 6C-4D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, SNPH Sibulan, etc.

ICD 19 05:28:06.74.0.3, 33.95N, 108.64E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/8, mbtm3.5/3, Error ellipse: s-maj=416.8km s-min=23.2km az=51.0, Southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBA Kurchatov Arr, WARR Warramunga Arr, etc.

ICD 19 05:28:12.4.3.2, 22.65S, 169.65E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.6/38, mbtm3.7/3, ML3.2/1, MS3.3/1, Ms1 3.2/1, ms1mx2.6/22, Error ellipse: s-maj=124.6km s-min=51.3km az=168.0, Southeast of Loyalty Islands

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

ICD 19 05:28:44.5.3.7, 6.27S, 127.90E, h0km, mb3.4/1, mb1 3.7/3, mb1mx3.4/2, mbtm3.5/3, ML3.3/2, Error ellipse: s-maj=486.8km s-min=32.4km az=66.0, Banda Sea

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

ISC/B 19 05:32:36.0.3.1, 62S:0.0:81.15W:0.0:3, h11km, mb4.0/12, MS3.5/0, Error ellipse: s-maj=4.2km s-min=0.4km az=160.9

IGQ 19 05:32:35.9.0.8.2, S:4.8*1W:1, h11km, Mjma4.7, ML5.3, MLV5.0

NEIC 19 05:32:41.0.2.3, 1.69S:0.0:81.01W:0.0:5, h35km, 4km, mb4.3/29

IDC 19 05:32:46.5.2.5, 1.61S:80.81W, h90km, 24km, mb3.7/12, mb1 3.9/16, mb1mx3.7/34, mbtm4.1/16, MS3.5/14, Ms1 3.5/14, ms1mx3.3/30, Error ellipse: s-maj=21.4km s-min=12.8km az=66.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SALI Salinas, MORR Yumaya El Morr, IGUA Iguayalata, etc.

PDAR Binedale Array 51.15 333 P P 05 41 40.6 0.0 comp=2.0,2nm,0.6s,baz=155,slow=8.8,SNR=3.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDAR, OMMB Old Manas Hill, NV11 Mina Array Sit, etc.

NIED 19 05:44:00.36.70N:142.00E, h20km, Mw4.1 Best double couple: M1:78000:1015 N1:91:194.00000:0.815.00000, 1.79.00000. NP2:25.00000:0.875.00000:0.893.00000

ISCJB 19 05:44:48.3.0.6, 36.64N:0.05:142.10E:0.06, h19km, mb3.9/11, MS3.5/6, Error ellipse: s-maj=7.7km s-min=5.7km az=141.5

JMA 19 05:44:49.6.0.3, 36.70N:141.98E, h21km, 4km, M4.2, ICD 19 05:44:54.6.2.5, 36.60N:141.91E, h56km, 21km, mb3.7/11, mb1 3.9/16, mb1mx3.7/42, mbtm4.0/16, ML3.7/1, MS3.4/12, Ms1 3.4/12, ms1mx3.1/37, Error ellipse: s-maj=24.3km s-min=17.5km az=89.0

ISC 19 05:44:49.9.0.8, 36.76N:0.05:141.97E:0.07, h19km, m42, s171/37, mb4.0/11, MS3.5/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, JFYA Asakuchi, JHO Hitachi, etc.

19d 7h

Table with columns: NOA, LR, LR, 06 32 56.9, comp=Z,29nm,18.8s,baz=35,slow=39, AKASG Malin Array Be 74.86 323 P P 05 56 29.0 +0.1

IDC 19 06:39:25.9.2.2, 14'54S, 162.71E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/37, mbtmp4.0/5, ML5.0/1, Error ellipse: s-maj=64.1km s-min=30.5km az=133.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, HNR Honiara 5.75 332 Op P 06 40 52.1 -0.4

IS/CJB 19 06:46:17.3.0.3, 7'04S, 162.03E, 0.05, h543km, mb3.9/12, Error ellipse: s-maj=6.8km s-min=4.5km az=18.3

DJA 19 06:46:17.8.0.4, 7'S, 3'12.5E, h538km, 4km, M4.3/13, mb4.9/5, mb4.3/9, MLV4.4/13, Mw(mB)4.2/5

IDC 19 06:46:18.4.0.7, 7'01S, 125.19E, h543km, 9km, mb3.5/12, mb1 3.1/7, mb1mx2.8/40, mbtmp4.5/17, Error ellipse: s-maj=16.6km s-min=8.0km az=79.0

ISC 19 06:46:18.1.0.5, 7'10S, 0.05, 125.13E, 0.07, h543km, n33, 0.1946/44, mb4.0/12, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SOEI Soe 2.77 198 Op P 06 47 32.0 +0.7

IS/CJB 19 07:02:43.6.0.3, 47'66N, 01.17E, 97E, 0.02, h11km, 2km, Error ellipse: s-maj=2.4km s-min=2.1km az=31.3

BEO 19 07:02:45.7.0.5, 47'49N, 17.99E, h7km, 3km, ML2.8/10, IPEC 19 07:02:45.1.0.1, 47'66N, 18.02E, h23km, ML2.7/4, Error ellipse: s-maj=1.0km s-min=0.7km az=33.0

PRU 19 07:02:45.0.0.9, 47'89N, 17.94E, h16km, ISC 19 07:02:44.5.0.9, 47'87N, 0.02, 169.00E, 0.02, h11km, 8km, n93, 0.1932/156, 6C-9D, Hungary

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SRO Srobarova 0.26 55 ePg P 07 02 50.5 -0.8

IS/CJB 19 07:03:54.7.0.8, 6'81N, 0.03, 73.14W, 0.04, h152km, 7km, Error ellipse: s-maj=6.2km s-min=5.3km az=9.2

RSNC 19 07:03:55.4.1.2, 6'79N, 73.14W, h151km, 5km, ML3.2, Mw3.5

IDC 19 07:03:56.1.7.0, 7'13N, 74.30W, h162km, 151km, mb1 3.4/1, mb1mx2.9/28, mbtmp3.9/1, ML2.3/1, Error ellipse: s-maj=1098.0km s-min=86.6km az=96.0

ISC 19 07:03:54.5.1.1, 6'81N, 0.04, 73.10W, 0.05, h155km, 7km, n24, 0.1935/45, 2C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BARC Barichera 0.23 201 Op P 07 04 15.7 -0.1

ISC 19 06:49:20.1.1.1, 7'09S, 155.10E, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.9/33, mbtmp3.8/8, ML4.1/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/30, Error ellipse: s-maj=31.1km s-min=24.4km az=125.0

ISC/JB 19 06:49:24.4.0.9, 7'13S, 0.09, 155.08E, 0.08, h41km, mb3.7/7, MS3.2/1, Error ellipse: s-maj=12.7km s-min=11.0km az=171.2

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

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Table with columns: ILAR Eielson Array 83.41 21 P P 07 01 49.0 +0.2, MKAR Makanchi Array 83.54 319 P P 07 02 49.9 -0.1

IS/CJB 19 06:55:06.5.0.1, 10'02N, 0.03, 124.15E, 0.03, h7km, 5km, mb3.6/3, MS3.4/3, Error ellipse: s-maj=5.1km s-min=4.7km az=20.7

IDC 19 06:55:06.0.3.7, 9'61N, 123.75E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.5/36, mbtmp3.6/3, MS3.4/3, Ms1 3.4/3, ms1mx2.8/26, Error ellipse: s-maj=38.7km s-min=26.2km az=64.0

MAN 19 06:55:06.5.9.98N, 124.14E, h10km, MS3.1, JAP n21, 0.1826/30, mb3.7/3, MS3.4/3, 6C-3D, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, LLP Lapu-Lapu 0.35 329 Op P 06 55 14.2 +0.6

IS/CJB 19 07:02:43.6.0.3, 47'66N, 01.17E, 97E, 0.02, h11km, 2km, Error ellipse: s-maj=2.4km s-min=2.1km az=31.3

BEO 19 07:02:45.7.0.5, 47'49N, 17.99E, h7km, 3km, ML2.8/10, IPEC 19 07:02:45.1.0.1, 47'66N, 18.02E, h23km, ML2.7/4, Error ellipse: s-maj=1.0km s-min=0.7km az=33.0

PRU 19 07:02:45.0.0.9, 47'89N, 17.94E, h16km, ISC 19 07:02:44.5.0.9, 47'87N, 0.02, 169.00E, 0.02, h11km, 8km, n93, 0.1932/156, 6C-9D, Hungary

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SRO Srobarova 0.26 55 ePg P 07 02 50.5 -0.8

IS/CJB 19 07:03:54.7.0.8, 6'81N, 0.03, 73.14W, 0.04, h152km, 7km, Error ellipse: s-maj=6.2km s-min=5.3km az=9.2

RSNC 19 07:03:55.4.1.2, 6'79N, 73.14W, h151km, 5km, ML3.2, Mw3.5

IDC 19 07:03:56.1.7.0, 7'13N, 74.30W, h162km, 151km, mb1 3.4/1, mb1mx2.9/28, mbtmp3.9/1, ML2.3/1, Error ellipse: s-maj=1098.0km s-min=86.6km az=96.0

ISC 19 07:03:54.5.1.1, 6'81N, 0.04, 73.10W, 0.05, h155km, 7km, n24, 0.1935/45, 2C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BARC Barichera 0.23 201 Op P 07 04 15.7 -0.1

ISC 19 06:49:20.1.1.1, 7'09S, 155.10E, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.9/33, mbtmp3.8/8, ML4.1/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/30, Error ellipse: s-maj=31.1km s-min=24.4km az=125.0

ISC/JB 19 06:49:24.4.0.9, 7'13S, 0.09, 155.08E, 0.08, h41km, mb3.7/7, MS3.2/1, Error ellipse: s-maj=12.7km s-min=11.0km az=171.2

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

ISC 19 06:49:26.1.0.7, 7'15S, 0.1, 155.1E, 0.1, h41km, n15, 0.1921/12, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, KRVT Keravat (AS076) 4.12 312 Op P 06 50 24.4 -1.1

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Table with columns: SOKA Soboth 2.25 245 Pn Pn 07 03 21.6 -0.2, SOKA Srest Sn Sg 07 03 56.9 +0.1

Table with columns: TREC Treas 2.33 315 eS Nn 07 03 50.4 -0.9, MOA Molin 2.52 276 eS Nn 07 03 57.1 +1.6

Table with columns: MOA Molin 2.52 276 Pn Sb 07 04 01.2 +0.3, OBKA Obir 2.62 245 eP Nn 07 03 25.3 -0.3

Table with columns: OBKA Obir 2.62 245 Pn Sb 07 03 25.3 -0.3, OBKA Obir 2.62 245 Pn Sb 07 03 25.3 -0.3

Table with columns: STHS Stebnicka Huta 2.78 50 eS Nn 07 03 29.2 +0.2, STHS Srest 2.81 153 eS Nn 07 03 28.8 -0.6

Table with columns: FRGS Fruska Gora 2.81 153 eS Nn 07 03 27.4 -0.2, SIRR Siria 2.87 118 eP Nn 07 03 30.3 0.0

Table with columns: DPC Dobruska-Polom 2.90 338 eP Nn 07 03 32.1 +0.5, DPC Banja Luka 2.97 191 eS Nn 07 04 04.4 -1.2

Table with columns: BLY Banja Luka 2.97 191 eS Nn 07 03 31.8 +0.2, BLY Banja Luka 2.97 191 eP Nn 07 03 32.1 +0.5

Table with columns: CEY Cerknica 3.12 233 eP Nn 07 03 33.4 -0.3, KOLS Kolonic sedl 3.12 64 eP Nn 07 03 35.6 +1.9

Table with columns: KOLA Terra Mystica 3.15 252 eP Nn 07 04 20.0 -0.9, MYKA 0.9nm, 0.3s eS Nn 07 04 09.9 -1.8

Table with columns: BAN Banloc 3.15 135 eP Nn 07 03 35.3 +1.3, KBA Koelnbreinsper 3.21 261 eP Nn 07 03 35.6 +0.5

Table with columns: BZS Buzias 3.23 128 eP Nn 07 03 36.0 +0.9, PRU Pruhonice 3.26 317 eP Nn 07 03 34.8 -0.7

Table with columns: PRU Pruhonice 3.26 317 eS Nn 07 04 12.5 -1.9, KBC Kasperske Hory 3.29 298 eP Nn 07 03 36.5 +0.5

Table with columns: KHC KHC 07 03 46.0 -1.5, KHC KHC 07 04 13.1 -2.0, KHC KHC 07 04 28.2 -1.9

Table with columns: MGRS Mrkonjic Grad 3.31 191 eP Nn 07 03 36.2 -0.1, DRGR 3.33 103 eP Nn 07 03 37.3 +0.7

Table with columns: DRGR 3.33 103 eS Nn 07 03 17.1 +0.4, DRGR 3.33 103 eS Nn 07 04 17.2 +1.0

Table with columns: UDBI Udbina 3.50 207 eP Nn 07 03 39.3 +0.3, UDBI Udbina 3.50 207 eS Nn 07 04 19.4 -1.0

Table with columns: HAPSI Han Pijesak, BI 3.64 169 eP Nn 07 03 40.6 -0.3, NNLV Novalja 3.79 216 eP Nn 07 03 43.5 +0.7

Table with columns: KLVJ Kijevo 3.83 197 eP Nn 07 03 44.5 +0.9, DIVS Divibare 3.83 158 eP Nn 07 03 43.0 -0.5

Table with columns: DIVS Divibare 3.83 158 eS Nn 07 04 24.5 -0.4, DIVS Divibare 3.83 158 eP Nn 07 03 43.5 0.0

Table with columns: TRUS Trudelj 3.83 153 eP Nn 07 03 43.2 -0.2, ABTA Abtarsbach 3.85 258 eP Nn 07 03 45.4 +1.7

Table with columns: MDVR Medvoda 3.87 137 eP Nn 07 03 44.8 +0.8, BBLB Lazi#263;i 3.93 165 eS Nn 07 03 44.7 -0.1

Table with columns: BBLB Lazi#263;i 3.93 165 eS Nn 07 04 27.7 -3.2, BBLB Lazi#263;i 3.93 165 eS Nn 07 03 44.8 -0.1

Table with columns: BRJI Brijuni 4.04 228 eP Nn 07 03 47.3 +1.1, MORI Morici 4.12 204 eP Nn 07 03 46.2 +0.6

Table with columns: HERR Herculan 4.14 131 eP Nn 07 03 49.2 +1.5, HERR Herculan 4.14 131 eS Nn 07 04 38.4 +2.4

Table with columns: BRG Berggiesshubel 4.17 322 eP Nn 07 04 04.0, BRG Berggiesshubel 4.17 322 eS Nn 07 04 05.1 +0.9

Table with columns: DUGI Dugi Otok 4.21 210 eP Nn 07 03 49.9 +1.3, DUGI Dugi Otok 4.21 210 eS Nn 07 04 38.8 +1.1

Table with columns: GRUS Gruza 4.23 152 eP Nn 07 03 48.5 +0.4, GRUS Gruza 4.23 152 eS Nn 07 04 34.7 -3.6

Table with columns: WTTA Wattenberg 4.33 267 eP Nn 07 03 52.2 +1.7, WTTA Wattenberg 4.33 267 eS Nn 07 05 03.2 -0.4

Table with columns: ZIRJ Zirje 4.34 203 eP Nn 07 03 51.6 +1.3, IVAS Ivanjica 4.36 159 eP Nn 07 03 49.8 -1.2

Table with columns: WATA Walderalm 4.36 268 eS Nn 07 04 57.8 +3.8, HVAR Hvar 4.62 194 eP Nn 07 03 56.0 +1.8

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CHN3, CHN1, WTP, YULB, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WHP, TWQ1, WDJ, NNSB, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KMI, BJT, HHC, MJAR, etc.

Technical notes and coordinates for stations, including: IDC 19 09:04:30.9, 0.8, 18.92N, 144.88E, h0km, mb4.0/12, m1 4.1/13, ms1mx3.9/62, mbtmp3.9/13, ML2.8/1, MS3.0/6, Ms1 3.1/6, ms1mx2.8/43, Error ellipse: s-maj=32.9km, s-min=15.1km, az=82.0, ISCSJB 19 09:04:33.2, 0.3, 18.82N, 0.04, 144.78E, 0.07, h33km, mb3.9/12, MS3.0/6, Error ellipse: s-maj=9.7km, s-min=6.1km, az=1.4, NEIC 19 09:04:36.5, 2.3, 18.85N, 0.09, 144.8E, 0.1, h48km, 7km, mb4.5/39, ISC 19 09:04:35.1, 0.5, 18.83N, 0.07, 144.8E, 0.1, h35km, n78, m1 1.6/9, mb4.4/27, MS3.1/6, Maria Islands

KNMB	Chin-men Tao	50.288	P	P	09 09 56.0	-1.5
USRK	Ussuriysk Ar.	27.49 340	P	P	09 10 17.4	-0.7
comp=2.0,8nm,0.8s,baz=125,slow=12,SNR=2.2						
USRK			LR	LR	09 21 32.5	
comp=2.45nm,18.7s,baz=233,slow=57						
USRK	Ussuriysk Ar.	27.49 340	P	P	09 10 17.9	-0.1
QIZ	Qiongzong	33.06 276	P	P	09 11 06.8	-0.8
BKB	Balikpapan	33.94 237	P	P	09 11 13.5	-1.8
KAPI	Kappang	34.23 229	LR	LR	09 24 37.8	
comp=2.31nm,19.2s,baz=304,slow=65						
KSM	Kuching	37.97 247	P	P	09 11 49.6	-0.2
CTAO	Charters Tower	38.70 178	P	P	09 11 55.0	-0.8
CTAO			Iamb	Iamb	09 12 05.4	
comp=2.8,8nm,1.1s						
WRAB	Tennant Creek	39.87 195	P	P	09 12 06.5	+0.9
WRAB			Iamb	Iamb	09 12 07.4	
comp=2.5,0nm,1.0s						
WR1	Warramunga Arr	39.88 195	P	P	09 12 07.0	+1.3
WR1	Warramunga Arr	39.88 195	Iamb	Iamb	09 12 09.6	
comp=2.3,4nm,0.8s,baz=114,slow=9.0,SNR=12						
WRA	Warramunga Arr	39.88 195	P	P	09 12 07.0	+1.3
WRA	Warramunga Arr	39.88 195	P	P	09 12 03.0	-2.7
WC3	Warramunga Arr	39.88 195	P	P	09 12 06.0	+0.3
SOWA	Songji Array	42.53 322	P	P	09 12 28.0	+0.6
SOMN	Songji Array	42.53 322	P	P	09 12 28.0	+0.6
comp=2.0,4nm,0.5s,baz=101,slow=7.5,SNR=2.5						
SOMN			LR	LR	09 29 57.4	
comp=2.24nm,19.7s,baz=74,slow=36						
SOMN	Songji Array	42.53 322	P	P	09 12 27.9	+0.5
COMR	Chiang Mai Arr	43.98 277	LR	LR	09 29 08.0	
comp=2.17nm,21.4s,baz=130,slow=34						
AS31	Alice Springs	43.56 195	P	P	09 12 36.7	+0.9
ASAR	Alice Springs	43.56 195	P	P	09 12 37.3	+1.5
comp=2.1,1nm,0.8s,baz=14,slow=8.7,SNR=16						
ASAR			PcP	PcP	09 14 25.2	+2.0
comp=2.0,5nm,0.8s,baz=19,slow=3.5,SNR=4.7						
ASAR	Alice Springs	43.56 195	P	P	09 12 35.1	-0.7
PSAB2	Pilbara Seismi	46.99 212	P	P	09 13 02.9	-0.1
PSAB2			Iamb	Iamb	09 13 15.9	
comp=2.11nm,1.4s						
PSA00	Pilbara Seismi	47.01 213	P	P	09 13 03.1	-0.1
STKA	Stephens Creek	50.51 184	P	P	09 13 03.9	+2.1
comp=2.3,7nm,0.9s,baz=52,slow=12,SNR=6.5						
STKA	Stephens Creek	50.51 184	P	P	09 13 18.8	+1.9
WMQ	Urumqi	53.60 311	P	P	09 13 53.3	+0.3
TIXI	Tiksi	53.65 354	P	P	09 13 51.8	-1.0
ZAAO	Zalesovo Array	57.41 323	P	P	09 14 19.7	-0.3
ZAAO			Iamb	Iamb	09 14 21.3	
comp=2.4,0nm,1.0s						
ZALV	Zalesovo Beam	57.41 323	P	P	09 14 20.9	+0.9
comp=2.2,2nm,0.6s,baz=102,slow=5.7,SNR=8.3						
ZALV	Zalesovo Beam	57.41 323	P	P	09 14 20.5	+0.5
ZAA1	Zalesovo Array	57.41 323	P	P	09 14 20.5	+0.5
MK32	Makanchi Array	57.77 314	P	P	09 14 24.3	+1.4
MKAR	Makanchi Array	57.77 314	P	P	09 14 24.3	+1.4
comp=2.1,0nm,0.7s,baz=90,slow=9.4,SNR=7.7						
MKAR	Makanchi Array	57.77 314	P	P	09 14 20.7	-2.1
NWAO	Narrogin (SRO)	57.85 207	P	P	09 14 23.1	-0.1
MAK2	Makanchi	57.99 314	P	P	09 14 25.0	+0.6
MAK2			Iamb	Iamb	09 14 26.6	
comp=2.3,2nm,0.9s						
KURK	Kurchatov	60.62 318	P	P	09 14 41.7	-0.7
KURK			Iamb	Iamb	09 14 44.1	
comp=2.4,6nm,0.9s						
PALK	Pallekele	62.33 269	P	P	09 15 00.8	+0.2
MDM	Murphy Dome	63.38 26	P	P	09 15 01.4	+0.7
MDM			Iamb	Iamb	09 15 15.1	
comp=2.4,8nm,0.9s						
ILAR	Eielson Array	63.90 26	P	P	09 15 04.4	+0.3
comp=2.1,2nm,1.0s,baz=268,slow=5.6,SNR=6.2						
NIL	Nilore	64.74 299	P	P	09 15 10.2	0.0
NIL			Iamb	Iamb	09 15 14.4	
comp=2.7,4nm,1.1s						
DOT	Dot Lake	64.92 28	P	P	09 15 11.1	+0.2
BMAR	Burnt Mountain	65.23 24	P	P	09 15 13.2	-0.3
BVAO	Borovoye Array	65.85 320	P	P	09 15 18.1	+1.1
BVAO	Borovoye Array	65.85 320	P	P	09 15 18.1	+1.1
comp=2.5,2nm,0.8s,baz=79,slow=7.7,SNR=19						
BRVK	Borovoye	65.91 320	P	P	09 15 18.1	+0.7
BRVK			Iamb	Iamb	09 15 19.9	
comp=2.5,6nm,0.9s						
KK31	Karatay Array	66.05 310	P	P	09 15 19.5	+1.0
KK31			Iamb	Iamb	09 15 28.4	
comp=2.3,2nm,0.9s						
KKAR	Karatay Array	66.05 310	P	P	09 15 19.5	+1.4
KKAR	Karatay Array	66.05 310	P	P	09 15 19.8	+1.3
KKAR			Iamb	Iamb	09 15 28.4	
comp=2.3,2nm,0.9s						
CMWZ	Cape Campbell	66.13 156	P	P	09 15 19.3	+0.5
ABKAR	Abkulkal array	72.68 317	P	P	09 16 00.0	+0.7
AKTO	Aktuyubinsk	73.72 318	P	P	09 16 05.6	+0.1
comp=2.1,2nm,0.6s,baz=91,slow=10,SNR=3.6						
GEYT	Alibek Ode 1	76.15 266	P	P	09 16 19.9	0.0
PGC	Sidney	77.22 43	P	P	09 16 23.2	-2.4
PGC			Iamb	Iamb	09 16 28.0	
comp=2.3,6nm,1.0s						
NV01	Mina Array Sit	83.71 52	P	P	09 17 02.0	+1.1
NVAR	Mina Array Bca	83.71 52	P	P	09 17 02.0	+1.1
comp=2.0,7nm,0.8s,baz=281,slow=4.4,SNR=5.8						
NVAR	Mina Array Bca	83.71 52	P	P	09 16 58.8	-2.2
BMN	Battle Mountai	83.85 49	P	P	09 17 01.1	-0.4
YPP	Pitchstone Pia	86.89 44	P	P	09 17 15.6	-1.2
H17A	Grant Village	86.99 44	P	P	09 17 16.7	-0.6
H17A			Iamb	Iamb	09 17 30.2	
comp=2.3,1nm,1.1s						
JLU	Jordanelle	87.89 48	P	P	09 17 21.0	-0.7
MSU	Maryselle	88.18 50	P	P	09 17 23.6	+0.5
W13A	Hualapai Mount	88.19 54	P	P	09 17 22.3	-0.9
W13A			Iamb	Iamb	09 17 34.8	
comp=2.1,1nm,0.9s						
NOA	NORSAR Array B	92.16 339	LR	LR	10 02 11.4	
comp=2.8,3nm,19.6s,baz=30,slow=38						

SIVA	Sivas	0.85 342	P	P	09 17 08.5	0.0
SIVA			Op	ISC	h	Res
SIVA	12um,0.7s		S	Pg	09 17 18.6	-1.4
SIVA	Sivas	0.85 342	P	P	09 17 08.6	0.0
SIVA			S	Sg	09 17 17.8	-2.1
comp=N,20657um,0.5s						
SIVA			AML	AML	09 17 21.2	
comp=N,9128um,0.3s						
SIVA			AML	AML	09 17 22.4	
comp=E,21278um,0.6s						
TMBK	Timbaki Herakl	0.91 341	P	P	09 17 09.9	+0.3
TMBK			S	Pg	09 17 20.6	-1.4
TMBK	Lasithi	0.99 17	P	P	09 17 07.7	-0.4
LAST			S	Sg	09 17 23.0	-0.9
comp=E,2um,1.0s						
LAST	Lasithi	0.99 17	P	P	09 17 10.9	-0.2
LAST			AML	AML	09 17 32.8	
comp=N,2956um,0.7s						
LAST			AML	AML	09 17 37.7	
comp=E,354um,0.8s						
GVD	Gavdhos	1.06 307	P	P	09 17 12.8	+0.4
GVD			S	Sg	09 17 26.8	0.0
comp=E,5um,0.5s						
GVD	Gavdhos	1.06 307	P	P	09 17 12.9	+0.4
GVD			S	Sg	09 17 26.3	-0.5
GVD			AML	AML	09 17 33.3	
comp=N,9128um,0.3s						
GVD			AML	AML	09 17 36.6	
comp=E,10192um,0.7s						
GVD	Gavdhos	1.06 307	PG	Sn	09 17 12.9	+0.5
GVD			SG	Sn	09 17 27.2	+0.3
NPS	Neapolis	1.12 21	P	P	09 17 13.2	0.0
NPS			S	Sn	09 17 28.4	-0.0
comp=E,1um,0.5s						
NPS	Neapolis	1.12 21	P	P	09 17 13.3	0.0
NPS			AML	AML	09 17 40.7	
comp=N,2148um,0.6s						
NPS			AML	AML	09 17 42.5	
comp=E,330um,0.6s						
PRNS	Prines Rethymn	1.26 336	P	P	09 17 16.1	-0.5
PRNS	Sita Lasithi	1.26 336	P	P	09 17 16.5	-0.2
ZKR	Zakros	1.27 44	P	P	09 17 16.4	-0.5
ZKR			S	Sg	09 17 33.6	+0.1
comp=E,1um,0.7s						
ZKR	Zakros	1.27 44	P	P	09 17 16.3	-0.5
ZKR			S	Sg	09 17 33.0	-0.5
comp=N,1343um,0.7s						
ZKR			AML	AML	09 17 47.3	
comp=E,264um,0.6s						
ZKR	Zakros	1.27 44	PN	Pg	09 17 16.3	-0.5
ZKR			PN	Pg	09 17 32.7	-0.9
VAM	Vamos	1.42 328	P	P	09 17 18.4	-0.1
VAM			Pg	Pg	09 17 18.8	-0.8
VAM			AML	AML	09 17 47.0	
comp=E,3702um,0.6s						
VAM			AML	AML	09 17 49.0	
comp=N,3795um,0.4s						
IMMV	lera Moni Meta	1.57 323	P	P	09 17 21.1	+0.3
IMMV			S	Sb	09 17 40.0	-0.3
comp=N,2um,0.9s						
IMMV	lera Moni Meta	1.57 323	PN	Sb	09 17 20.7	-0.1
IMMV			PN	Sb	09 17 40.2	-0.1
KARP	Karpathos	2.14 51	P	P	09 17 30.7	+0.1
KARP	Karpathos	2.14 51	P	P	09 17 30.6	0.0
KARP	Karpathos	2.14 51	P	P	09 17 29.4	-1.2
SANT	Santorini	2.17 7	P	P	09 17 29.7	1.5
SANT	Santorini	2.17 7	UP	Pg	09 17 34.0	0.0

SANT	Santorini	2.17 7	PN	UP	09 13 54.0	-0.4
SANT	Anafi Island	2.21 14	P	P	09 13 55.3	
ANAF	Anafi Island	2.21 14	P	P	09 14 04.4	
THRS	Thira Island,	2.21 5	P	P	09 13 45.1	+0.2
ANKY	Antikythira Is	2.23 318	P	P	09 13 57.9	-0.5
ANKY	Antikythira Is	2.23 318	P	P	09 13 57.9	-0.5
MHLO	Agia Marina, M	2.55 347	P	P	09 13 43.8	+1.0
KTHA	Kythira Island	2.65 321	P	P	09 13 36.8	+2.3
KTHA	Kythira Island	2.65 321	PN	PN	09 13 36.2	+1.9
KTHA	Amorogis Island	2.69 13	P	P	09 17 36.3	+1.5
SLUM	Salum	2.71 178	P	P	09 17 37.5	+2.5
baz=184						
SLUM			S	S	09 18 00.0	
baz=184						
SLUM			S	S	09 18 03.6	-3.9
comp=2.8,6nm,0.9s						
APE	Apeiranthos	2.87 6	P	P	09 17 38.7	+1.4
APE	Apeiranthos	2.87 6	UP	UP	09 17 38.8	+1.4
APE			PN	PN	09 18 20.9	-3.7
comp=2.8,6nm,0.9s						
APE	Apeiranthos	2.87 6	PN	PN	09 17 38.7	+1.4
SERI	Senfos	2.99 350	P	P	09 17 38.8	+0.8
VLI	Vellai	3.08 325	P	P	09 17 41.3	+1.2
DAT	Datca	3.21 38	P	P	09 17 44.2	+2.2
DAT	Datca	3.21 38	PN	PN	09 17 43.9	+1.8
DATC	Datca-Mugla	3.28 38	PN	PN	09 17 44.9	+2.1
BODT	Bodrum	3.36 31	PN	PN	09 17 45.9	+1.9
DID	Didymoteicho	3.63 339	P	P	09 17 51.7	+2.2
MLSB	Milias	3.76 34	PN	PN	09 17 50.9	+1.2
EPID	Epidavros	3.77 335	P	P	09 17 53.5	+2.4
DALY	Dalyan (Mula)	3.88 47	P	P	09 17 53.8	+2.7
DALY	Dalyan (Mula)	3.88 47	PN	PN	09 17 49.9	-1.3
TURN	Turnuc	3.88 46	PN	PN	09 17 49.8	-1.4
comp=2.1,um,0.2s						
TURN	Turnuc	3.88 46	PN	PN	09 17 53.5	+2.2
YER	Yerkesik	3.89 40	P	P	09 17 53.6	+2.2
FETY	Fethiye	4.04 52	P	P	09 17 55.7	+2.4
FETY			IAML_P	IAML_P	09 17 55.4	+2.1
comp=2.689nm,0.2s						
FETY	Fethiye	4.04 52	PN	PN	09 17 58.2	+2.8
KASY	Kas	4.18 60	P	P	09 17 58.2	+2.8
KASY			PN	PN	09 17 58.3	+3.1
CHOS	Chios Island	4.24 10	PN	PN	09 17 58.0	+1.9
VIL2	Platees	4.27 340	P	P	09 17 56.5	0.0
URLA	Izmir	4.31 16	PN	PN	09 17 59	

LAO	baz=307 LASA Array	43.76	68	P	P	10 22 05.0 +1.1	P43A	comp=Z,250nm,18.1s Skaggs, Pawnee	57.70	66	P	P	10 23 48.5 -0.4	P50A	baz=314,SNR=7.9	sP	sP	10 24 24.2 +0.9			
LAO	baz=303			sP	pwP	10 22 17.7 -0.6	P43A	baz=313			sP	sP	10 24 01.6 +0.8	I55A	baz=314 Frankford	60.97	55	sP	sP	10 24 24.3 +0.9	
LAO	baz=303 LASA Array	43.76	68	P	P	10 22 04.1 +0.2	D50A	baz=313 G1974 Best Tow	57.83	53	P	P	10 23 49.4 -0.3	H55A	baz=315 Tweed	60.98	54	P	P	10 24 11.9 +0.4	
LAO	comp=Z,8.4nm,0.8s Camp Tracy	43.83	78	P	P	10 22 04.9 +0.3	D50A	baz=313			sP	sP	10 24 02.6 +0.8	H55A	baz=315			sP	sP	10 24 24.5 +0.9	
BW06	Boulder Array	43.95	75	P	P	10 22 06.2 +0.4	E50A	Wahnapiitae	57.88	55	P	P	10 23 49.8 -0.3	J54A	Appleton	61.13	56	sP	sP	10 24 26.2 +1.7	
BW06	baz=305			sP	pwP	10 22 19.7 -0.5	O44A	Mansfield	57.95	64	P	P	10 23 49.5 -1.1	O51A	Pataskala	61.21	61	P	P	10 24 13.6 +0.5	
BW06	Boulder Array	43.95	75	P	P	10 22 06.0 +0.2	O44A	baz=313			sP	sP	10 24 03.0 +0.4	O51A	baz=315,SNR=5.2			sP	sP	10 24 25.9 +0.8	
PD31	Pinedale Array	43.95	75	P	P	10 22 05.8 +0.1	LSQQ	Lebel-sur-Quev	57.95	50	P	P	10 23 49.7 -0.9	OXF	Oxford	61.29	70	P	P	10 24 13.7 0.0	
PD31	comp=Z,7.3nm,0.8s					10 22 20.5	LSQQ	baz=313			sP	sP	10 24 02.8 +0.3	WMQ	Urumqi	61.33	305	eP	P	10 24 16.3 +2.3	
PDAR	Pinedale Array	43.95	75	P	P	10 22 05.8 +0.1	U40A	Yellville	57.98	71	P	P	10 23 49.6 -1.4	WMQ	comp=Z,1.0nm,0.7s			pmax	pmax		
GSC	comp=Z,1.5nm,0.6s,ba Goldstone, Bar	44.01	88	P	P	10 22 06.8 +0.7	D51A	Lot 18 Range I	58.12	53	P	P	10 23 51.4 -0.3	WMQ	comp=Z,30nm,6.5s			LR	LR		
GSC	baz=310			sP	pwP	10 22 21.5 +1.0	D51A	baz=313			sP	sP	10 24 03.8 +0.1	WMQ	comp=N,440nm,28.8s			LR	LR		
RDMU	Red Mountain	45.23	77	P	P	10 22 15.5 -0.5	K47A	Vermontville	58.17	60	P	P	10 23 51.9 -0.2	WMQ	comp=E,1µm,29.2s			LR	LR		
K22A	Casper	45.85	73	P	P	10 22 20.7 0.0	K47A	baz=313			sP	sP	10 24 04.7 +0.6	WMQ	comp=Z,58nm,23.5s			LR	LR		
K22A	baz=306			sP	pwP	10 22 34.2 -1.0	K47A	baz=313			sP	sP	10 24 04.7 +0.6	M53A	Wi Miller and	61.35	59	sP	sP	10 24 27.1 +1.0	
O20A	White River Ci	46.31	77	P	P	10 22 24.5 +1.3	W39A	Magazine	58.22	72	P	P	10 23 53.1 +0.5	Q50A	Georgetown	61.37	63	P	P	10 24 14.2 0.0	
O20A	baz=308			sP	sP	10 22 37.5 +1.3	W39A	baz=314			sP	sP	10 24 06.0 +1.4	Q50A	baz=315,SNR=6.2			sP	sP	10 24 27.4 +1.1	
RSSD	Black Hills	46.47	70	P	P	10 22 26.5 +0.9	FVM	French Village	58.30	68	P	P	10 23 52.3 -0.9	S49A	Springfield	61.37	65	sP	sP	10 24 26.9 +0.7	
MDND	Maddock	46.89	63	P	P	10 22 31.3 +2.7	FVM	comp=Z,6.8nm,0.8s			IAmb	IAmb	10 24 06.0	H56A	Elgin	61.42	54	sP	sP	10 24 27.6 +1.2	
MDND	baz=304			sP	pwP	10 22 42.2 -1.0	E51A	G1948 Merrick	58.44	54	P	P	10 23 53.6 -0.4	P51A	Williamsport	61.43	62	sP	sP	10 24 27.4 +0.8	
MDND	Maddock	46.89	63	P	P	10 22 28.7 0.0	E51A	baz=313			sP	sP	10 24 06.9 +0.9	PECO	Prince Edward	61.52	55	sP	sP	10 24 28.2 +1.1	
N23A	Red Feather La	47.24	75	P	P	10 22 32.4 +0.6	SFIN	Lafayette	58.57	63	P	P	10 23 54.4 -0.6	R50A	Paris	61.56	63	sP	sP	10 24 28.6 +1.1	
ULM	Lac du Bonnet	47.59	59	P	P	10 22 33.3 -0.8	SFIN	baz=313			sP	sP	10 24 08.2 +1.3	Q51A	Peebles	61.59	62	P	P	10 24 15.8 +0.1	
ULM	comp=Z,2.2nm,0.5s,ba z=320,slow=6.0,SNR=6.5			LR	LR	10 44 04.8	CHGO	Chibougamau	58.60	48	P	P	10 23 53.8 -1.3	Q51A	baz=315			sP	sP	10 24 29.0 +1.3	
AGMN	comp=Z,50nm,18.9s,ba z=334,slow=38	47.74	61	P	P	10 22 45.6 +2.9	CHGO	baz=314			sP	sP	10 24 06.9 -0.1	O52A	Adamsville	61.65	60	sP	sP	10 24 29.0 +0.8	
AGMN	baz=305			sP	sP	10 22 55.2 +0.7	D52A	ZEK Kipawa Sen	58.68	53	P	P	10 23 55.0 -0.7	T49A	Edmonton	61.71	65	sP	sP	10 24 29.6 +1.0	
AGMN	Agassiz Nation	48.70	61	P	P	10 22 43.8 +1.1	D52A	baz=313			sP	pwP	10 24 08.7 -0.8	P52A	Corning	61.83	61	sP	sP	10 24 29.9 +0.5	
AGMN	SONAR	48.78	299	P	P	10 22 43.2 +0.3	FCAR	Ozark Folk Cen	58.73	70	P	P	10 23 54.5 -1.7	M54A	Oil Creek Stat	61.84	58	sP	sP	10 24 30.4 +1.0	
SONM	Songino Array	48.78	299	P	P	10 22 43.2 -0.3	MIAR	Mout Ida	58.80	73	P	P	10 23 56.6 -0.1	MK31	Makanchi Array	61.88	311	P	IAmb	P	10 24 16.3 -1.3
SONM	comp=Z,0.5nm,0.4s,ba z=66,slow=7.0,SNR=3.5			LR	LR	10 44 39.2	MIAR	baz=314			sP	pwP	10 24 10.1 -1.2	MK31	baz=315			P	IAmb	10 24 18.6	
SUSD	comp=Z,7.2nm,18.4s,ba z=307	49.23	67	sP	sP	10 22 59.7 +1.0	D53A	Lac Vacive, Po	58.96	52	P	P	10 23 57.2 -0.4	MK32	Makanchi Array	61.88	311	P	P	10 24 16.6 -1.0	
SUSD	Miller	49.23	67	P	P	10 22 46.9 +0.1	D53A	baz=314			sP	sP	10 24 10.3 +0.7	MKAR	Makanchi Array	61.88	311	P	P	10 24 16.6 -1.0	
SDCO	Great Sand Dun	49.46	78	P	P	10 22 51.1 +2.2	L48A	N Adams	58.97	61	sP	sP	10 24 10.6 +0.8	MKAR	comp=Z,1.5nm,0.6s			LR	LR	10 53 38.5	
HHC	Hu-ho-hao-te	50.01	288	eP	pmax	10 22 52.5 -0.3	N47A	Urbana	59.01	62	sP	sP	10 24 10.4 +0.4	MKAR	comp=Z,39nm,18.2s,ba z=30,slow=38			sP	sP	10 24 16.4 -1.2	
HHC	comp=Z,5.0nm,0.7s			pmax	pmax		P46A	Rosedale	59.02	64	sP	sP	10 24 11.0 +0.8	O53A	New Philadelph	61.90	60	sP	sP	10 24 30.3 +0.5	
HHC	comp=Z,1.1nm,5.3s						E52A	Mattawa	59.03	54	P	P	10 23 57.8 -0.3	V48A	Smith Brothers	61.93	67	sP	sP	10 24 31.2 +1.1	
T25A	Trinidad	50.52	77	P	P	10 22 57.6 +0.7	F52A	Sundridge	59.03	54	P	P	10 23 58.0 -0.2	R51A	Hillsboro	61.97	63	P	P	10 24 18.5 +0.3	
T25A	baz=310			sP	pwP	10 23 11.7 +0.2	F52A	baz=314			sP	sP	10 24 10.9 +0.8	R51A	baz=315,SNR=8.1			pP	pP	10 24 26.1 -0.8	
ECSD	EROS Data Cent	51.00	66	sP	sP	10 23 12.5 +0.4	M48A	Edgerton	59.13	61	sP	sP	10 24 11.3 +0.4	R51A	baz=315			sP	sP	10 24 31.9 -1.1	
NJ2	Nanjing	51.24	275	eP	pmax	10 23 02.1 0.0	W41B	Gary Mavity, V	59.15	71	P	P	10 23 58.0 -1.1	U49A	Red Boiling Sp	61.99	66	sP	sP	10 24 31.4 +1.0	
NJ2	comp=Z,1.1nm,0.5s			pmax	pmax		W41B	baz=314			sP	sP	10 24 11.9 +0.8	MAK2	Makanchi	62.02	311	P	IAmb	P	10 24 17.6 -0.9
E38A	The Farm, Brul	52.06	60	P	P	10 23 07.4 -0.6	L49A	Milan	59.22	60	sP	sP	10 24 12.6 +1.1	MAK2	comp=Z,2.6nm,0.5s			P	IAmb	10 24 19.1	
E38A	baz=308			sP	sP	10 23 20.3 +0.4	N48A	Decatur	59.39	62	sP	sP	10 24 12.8 +0.1	N54A	Moraine State	62.05	59	P	P	10 24 18.8 0.0	
SPMN	Marine on St.	52.23	62	sP	sP	10 23 22.1 +0.9	D54A	Lac Fusel, La	59.42	52	P	P	10 24 00.0 -0.8	N54A	baz=315			sP	sP	10 24 31.9 -1.8	
G39A	Holcombe	53.09	61	P	P	10 23 15.0 -0.7	E54A	Dumoine, Ponti	59.46	53	P	P	10 24 13.3 +0.5	T50A	Nancy	62.16	65	P	P	10 24 21.7 +2.1	
G39A	baz=309			sP	sP	10 23 28.0 +0.4	E53A	baz=314			sP	sP	10 24 10.8 -0.3	T50A	baz=315			pP	pP	10 24 26.8 -1.5	
G40A	Rib Lake	53.63	61	P	P	10 23 19.3 -0.4	E53A	baz=314			sP	sP	10 24 14.0 +0.9	T50A	baz=315			sP	sP	10 24 32.9 +1.2	
G40A	baz=309			sP	sP	10 23 32.2 +0.6	M49A	Liberty Center	59.54	61	sP	sP	10 24 14.4 +0.7	K56A	Middlesex	62.22	56	P	P	10 24 20.8 +0.8	
G40A	baz=310			sP	sP	10 23 36.4 +1.4	ALGO	Algonquin Park	59.56	53	P	P	10 24 01.7 -0.1	K56A	baz=316			sP	sP	10 24 33.7 -1.1	
I41A	Arkdale	54.59	62	P	P	10 23 26.7 +0.1	E54A	Lac Daplat, Po	59.66	53	P	P	10 24 02.2 -0.3	Q52A	Bidwell	62.23	62	sP	sP	10 24 32.8 +0.8	
I41A	baz=310			sP	pwP	10 23 39.6 -1.7	E54A	baz=314			sP	sP	10 24 14.9 +0.4	P53A	Whipple	62.34	61	P	P	10 24 20.8 +0.1	
E43A	Lone Tree Farm	54.66	58	P	P	10 23 27.4 +0.3	O48A	Farmland	59.73	62	P	P	10 24 02.0 -1.0	P53A	baz=315			sP	sP	10 24 33.5 +0.8	
JFWS	Jewell Farm	55.12	63	P	P	10 23 29.9 -0.6	O48A	baz=314			sP	sP	10 24 15.2 +0.2	M55A	Ridgway	62.34	58	P	P	10 24 21.3 +0.6	
JFWS	baz=311			sP	sP	10 23 42.5 0.0	N49A	Colonus Grove	59.81	61	sP	sP	10 24 16.1 +0.6	M55A	baz=316			sP	pwP	10 24 34.2 -1.4	
L40A	Anamosa	55.12	64	P	P	10 23 30.3 -0.2	SADO	Sadowa	59.83	55	P	P	10 24 03.2 -0.4	J57A	Williamstown	62.40	54	sP	sP	10 24 34.3 +1.2	
L40A	baz=311			sP	sP	10 23 42.6 +0.2	G53A	Haliburton	59.85	54	P	P	10 24 03.9 +0.1	O54A	Avella	62.40	60	P	P	10 24 21.1 0.0	
I42A	Drager Farm,	55.22	61	P	P	10 23 31.2 -0.1	G53A	baz=314			sP	pwP	10 24 17.0 -0.6	O54A	baz=315			sP	sP	10 24 34.3 -1.7	
I42A	baz=311			sP	sP	10 23 43.8 +0.7	D55A	Sainte-Anne-du	60.10	51	P	P	10 24 05.0 -0.4	S51A	Beattyville	62.43	64	sP	sP	10 24 34.3 +0.9	
H43A	Windswept, Lux	55.47	60	P	P	10 23 33.7 +0.7	D55A	baz=315			sP	sP	10 24 17.9 +0.4	V49A	McMinnville	62.44	67	pP	pP	10 24 28.9 -1.3	
H43A	baz=311			sP	sP	10 23 45.4 +0.4	P48A	Milroy	60.13	63	P	P	10 24 05.7 -0.1	V49A	baz=315			sP	sP	10 24 34.2 +0.6	
WMOK	Wichita Mounta	55.53	76	P	P	10 23 33.7 +0.1	P48A	baz=314			sP	sP	10 24 18.0 +0.2	R52A	Cattlettsburg	62.47	62	sP	sP	10 24 34.7 +1.1	
WMOK	baz=313			sP	sP	10 23 46.8 +1.3	H53A	Bobcaygeon	60.25	55	P	P	10 24 06.9 +0.3	L56A	Greenwood	62.50	56	P	P	10 24 22.4 +0.6	
ZALV	Zalesovo Beam	55.74	315	LR	LR	10 49 14.3	H53A	baz=314			sP	pwP	10 24 19.7 -0.6	L56A	baz=316			sP	pwP	10 24 35.4 -1.3	
D46A	Sault St. Mari	55.87	56	P	P	10 23 35.6 -0.3	BANO	Bancroft	60.28	54	P	P	10 24 07.2 +0.4	L56A	Greenwood	62.50	56	P	P	10 24 22.2 +0.4	
D46A	baz=311			sP	sP	10 23 49.8 +1.3	BANO	baz=314			sP	sP	10 24 20.1 -0.5	U50A	baz=31						

19d 10h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like V50A Pikeville, V50A West Decatur, Q54A Coxs Mills, etc.

2013 OCT

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like R57A Dark Hollow, S57A Dark Hollow, P59A Jarrettsville, etc.

946

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DANN Dangsing, KOLN Koldanda, AKASA Malin Arr, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like TBI Tubuai, BKZ Black Stump Fm, TUWZ Tusmarina, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like MSU Mookys, 121A Marys Peak, BMO Blue Mountains, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like DAVA Damuels, PERS Pernice, FETA Feichten, etc.

ISCJB 19 10:57:21.9:0.7,31.93N:0.0:04.36:1E:0.1,h10km,Error

NSSC 19 10:57:21.0:0.4,34.93N:36.56E,h19km,3km,ML2.1

JSO 19 10:57:21.8:0.3,32.0N:3.3:6E,h5km,M2.5/8,ML1.9/7,ML2.7/8

ISC 19 10:57:21.3:1.0,32.04N:0.0:04.36:0E:0.1,h10km,n10,

az239/13,Dead Sea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HSUJ Al Zarga, SHMJ Sahaq, SWQJ Swaqa, etc.

ISCJB 19 11:07:10.7:0.3,44.13N:0.0:12.27:08E:0.0:02,h0km,Error

BEO 19 11:07:12.0:0.3,44.15N:22.1:1km az=9.8

Mining explosion.

ISC 19 11:07:11.5:0.9,44.15N:0.0:22.09E:0.0:02,h0km,n25,

az075/48,13C-9D,Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZAGS Zajecar, KUBS Kucevo, BOVS Bovan, etc.

NEIC 19 11:19:29.8:1.4,9.90N:0.0:6:124.48E:0.0:09,h10km,1km,

mb4,4/32

IDC 19 11:19:29.6:0.7,9.86N:124.21E,h0km,mb3.9/10,

mb1.4/0.11,mb1mx3.9/43,mbtmp4.0/11,ML5.0/1,Error

MAN 19 11:19:32.6:9.88N:124.08E,h0km,3.3/4

ISC 19 11:19:32.4:1.0,9.88N:0.0:3:124.12E:0.0:03,h15km,gkm,

n73,-165/86,mb4.3/24,7C-2D,Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Code Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TBP Tagbilaran, LLP Lapu-Lapu, etc.

XAN XAN	comp=Z,460nm,21.1s	60.09 317	P	P	11 47 22.0	-1.3
XAN XAN	comp=Z,22nm,1.2s	60.09 317	P	P	11 47 21.9	-1.3
XAN XAN	comp=Z,22nm,1.2s	60.09 317	I	Amb	11 47 35.3	
PAYA	Payao	60.27 298	P	P	11 47 25.9	+1.1
KLR KLR	comp=Z,38um,1.0s,comp=Z,360um	60.37 343	P	P	11 47 24.7	-0.1
KLR KLR	comp=Z,6.8nm,0.9s,baz=142,slow=3.8,SNR=11	60.37 343	P	P	11 47 24.3	-0.5
GRNR CM31	comp=Z,13nm,1.1s	60.59 347	eP	P	11 47 24.2	-2.1
CM31	Chiang Mai Arr	60.77 296	P	P	11 47 27.2	-0.9
CMAR	Chiang Mai Arr	60.77 296	P	I	11 47 28.1	-0.1
CMAR	comp=Z,6.0nm,1.0s,baz=119,slow=5.0,SNR=30	60.77 296	P	LR	12 13 05.9	
CMAR	comp=Z,1.08nm,20.5s,baz=125,slow=36	60.77 296	P	P	11 47 27.1	-1.0
CMAR	Chiang Mai Arr	60.77 296	P	P	11 47 27.1	-1.0
CMMT	Chiang Mai	60.89 297	P	P	11 47 29.3	+0.3
CHTO CHTO	Chiang Mai	60.89 297	P	P	11 47 28.0	-1.0
CHTO CHTO	comp=Z,1.7nm,1.2s	60.89 297	P	I	11 47 28.8	
PETK	comp=Z,1.8nm,1.1s	60.93 2	P	P	11 47 30.1	+1.6
PETK	Petropavlovsk	60.93 2	P	P	11 47 30.1	+1.6
MHMT CD2	Maessarieng	61.57 296	P	P	11 47 41.7	+8.1
CD2	Chengdu	62.09 311	S	S	11 47 36.6	-0.3
CD2	comp=Z,40nm,0.9s	62.09 311	P	P	11 55 59.5	-2.7
CD2	comp=Z,480nm,16.4s		LR	LR		
CD2	comp=Z,640nm,22.8s		LR	LR		
HHC HHC	Hu-ho-hao-te	62.61 324	eP	P	11 47 40.5	+0.2
BTO ADK	Baotou	63.35 323	eP	P	11 47 47.0	+1.8
ADK	Adak	64.58 19	P	P	11 47 51.6	-1.2
HIA HIA	Hailar	64.62 336	P	P	11 47 51.9	-1.4
HIA HIA	comp=Z,25nm,1.1s	64.62 336	I	Amb	11 48 02.9	
LZH LZH	Lanzhou	64.68 316	eP	P	11 47 58.6	+4.5
LZH LZH	comp=Z,25nm,1.1s	64.68 316	eP	P	11 48 03.4	+1.6
LZH LZH	comp=Z,23nm,1.2s	64.68 316	eP	P	11 56 41.4	+6.7
LZH LZH	comp=Z,170nm,6.5s	64.68 316	eP	P	12 00 49.4	+3.5
LZH LZH	comp=Z,250nm,15.6s		LR	LR		
LZH LZH	comp=Z,320nm,16.2s		LR	LR		
CASY ZEA	Casey	65.49 198	P	P	11 47 57.2	-1.4
ZEA	Zeya	65.68 343	eP	P	11 47 59.0	-1.0
ZEA	comp=N,47nm,1.4s	65.68 343	P	P		
MA2 MA2	Magadan	67.42 358	P	P	11 48 12.6	+1.6
MA2 MA2	comp=Z,7.9nm,0.7s,baz=169,slow=10,SNR=2.6	67.42 358	P	P	11 48 09.1	-1.9
MA2 MA2	comp=Z,1.1nm,0.9s	67.42 358	P	P	11 48 10.0	-1.0
GTA GTA	Gaotai	69.13 317	eP	P	11 48 19.3	-3.1
GTA GTA	comp=Z,3.0nm,0.7s	69.13 317	S	P	11 57 29.8	+1.5
GTA GTA	comp=Z,120nm,5.5s		LR	LR		
GTA GTA	comp=Z,170nm,17.2s		LR	LR		
GTA GTA	comp=Z,130nm,18.6s		LR	LR		
SHL SHL	Shillong	69.38 301	P	P	11 48 22.9	-1.3
SHL SHL	comp=Z,26nm,1.2s	69.38 301	eP	P	11 48 24.4	-0.6
SHL SHL	comp=Z,26nm,1.0s	69.38 301	eP	P	11 48 24.4	-0.6
ULN ULN	Ulanbaatar	69.58 328	P	P	11 48 27.5	+0.5
ULN ULN	comp=Z,26nm,1.0s	69.58 328	P	P	11 48 35.7	
SOMM SOMM	Songino Array	69.91 328	P	P	12 17 03.2	
SOMM SOMM	comp=Z,123nm,21.9s,baz=128,slow=34	69.91 328	P	P	11 48 26.2	-0.8
SOMM SOMM	comp=Z,22nm,1.0s	69.91 328	P	P	11 48 26.2	-0.8
SEY SEY	Seymchan	70.74 359	P	P	11 48 29.0	-1.0
SEY SEY	comp=Z,2.0nm,0.8s,baz=120,slow=6.7,SNR=4.0	70.74 359	P	P	11 48 29.1	-2.5
LSA LSA	Lhasa	71.43 305	P	P	11 48 35.4	-1.7
LSA LSA	comp=Z,18nm,1.2s	71.43 305	P	P	11 48 35.4	-1.7
YAK YAK	Yakutsk	72.43 348	eP	P	11 48 41.4	-0.3
YAK YAK	comp=Z,18nm,1.2s	72.43 348	eP	P	11 48 52.5	+3.0
YAK YAK	comp=Z,40nm,1.1s	72.43 348	eP	P	11 49 05.1	
YAK YAK	comp=E,64nm,3.3s	72.43 348	eP	P	11 53 10.4	
YAK YAK	comp=Z,2.0nm,0.8s,baz=120,slow=6.7,SNR=4.0	72.43 348	eP	P	11 58 07.0	-2.7
YAK YAK	comp=Z,40nm,1.1s	72.43 348	eP	P	11 58 38.8	-7.5
YAK YAK	comp=E,64nm,3.3s	72.43 348	eP	P	11 48 40.7	-1.0
ZAK ZAK	Zakamensk	73.08 329	P	P	11 48 47.0	+0.9
BOD BOD	Bodaibo	73.36 339	eP	P	11 48 46.1	-1.3
TYL TYL	Talaya	73.67 330	eP	P	11 48 48.1	-1.3
TYL TYL	comp=Z,14nm,1.7s	73.67 330	eP	P	11 58 17.0	-3.0
TYL TYL	comp=Z,13nm,0.6s	73.67 330	eP	P	12 02 58.5	-5.2
MOY MOY	Mondy	75.00 329	eP	P	11 49 01.0	+3.7
BILL BILL	Bilibino	76.31	5	P	11 49 03.7	-0.6

BILL	comp=Z,22nm,1.1s			P	P		
BILL	comp=Z,108nm,17.0s			MLR	MLR		
BILL BILL	Bilibino	76.31	5	P	P	11 49 03.3	-1.0
BILL BILL	comp=Z,37nm,1.2s	76.31	5	I	Amb	11 49 23.2	
KDAD KDAD	Kodiak Island	78.28	26	P	P	11 49 16.5	+1.0
KDAD KDAD	comp=Z,15nm,0.9s,baz=214,slow=3.6,SNR=3.5	78.28	26	P	P	11 49 14.4	-1.1
KDAD KDAD	comp=Z,104nm,1.3s	78.28	26	P	P	11 49 14.4	-1.1
WMQ WMQ	Urumqi	79.22	317	eP	P	11 49 22.3	+1.2
WMQ WMQ	comp=Z,15nm,0.7s	79.22	317	eP	P	11 49 26.9	+3.3
WMQ WMQ	comp=Z,94nm,4.5s			PcP	PcP	11 49 33.3	+3.9
WMQ WMQ	comp=Z,210nm,23.9s			P	P		
TIXI TIXI	Tiksi	81.27	352	P	P	11 49 31.8	+0.3
TIXI TIXI	comp=Z,130nm,27.3s	81.27	352	P	P	12 22 40.4	
TIXI TIXI	comp=Z,3.3nm,0.8s,baz=143,slow=4.4,SNR=13	81.27	352	P	P	11 49 30.0	-1.5
TIXI TIXI	comp=Z,95nm,20.9s,baz=139,slow=34	81.27	352	P	P	11 49 29.7	-1.7
TIXI TIXI	comp=Z,3.0nm,0.9s	81.27	352	P	P	11 49 34.4	-0.6
PMR PMR	Palmer	81.90	24	P	P	11 49 40.0	
PMR PMR	comp=Z,34nm,1.3s	81.90	24	I	Amb	11 49 33.6	-2.0
QSPA QSPA	South Pole Qui	81.98	180	P	P	11 49 41.3	
SML SML	Sawmill	82.34	24	P	P	11 49 36.8	-0.6
SML SML	comp=Z,37nm,0.9s	82.34	24	P	P	11 49 35.7	-1.7
SML IMAR	Indian Mountai	82.34	19	P	P	11 49 38.8	-1.0
MAW MAW	Mawson	83.28	203	P	P	11 49 43.3	+1.1
MAW MAW	comp=Z,3.9nm,0.8s,baz=143,slow=4.4,SNR=13	83.28	203	P	P	11 49 42.4	+0.2
MAW MAW	comp=Z,4.2nm,0.8s,baz=45,slow=7.1,SNR=7.8	83.28	203	P	P	12 22 10.4	
MAW MAW	comp=Z,162nm,21.7s,baz=80,slow=32	83.28	203	P	P	11 49 42.4	+0.2
MAW MAW	comp=Z,1.1nm,0.9s	83.28	203	P	P	11 49 44.6	-0.8
MK31 MK31	Makanchi Array	83.83	319	P	P	11 49 44.6	-0.8
MK31 MK31	comp=Z,1.1nm,0.9s	83.83	319	I	Amb	11 49 54.2	
MKAR MKAR	Makanchi Array	83.83	319	P	P	11 49 45.9	+0.5
MKAR MKAR	comp=Z,5.8nm,0.8s,baz=110,slow=5.2,SNR=22	83.83	319	P	P	12 27 00.9	
MKAR MKAR	comp=Z,108nm,20.7s,baz=106,slow=36	83.83	319	P	P	11 49 46.2	+0.8
MKAR MKAR	comp=Z,6.0nm,0.8s	83.83	319	P	P	11 49 44.8	-0.6
MKAR MKAR	comp=Z,19nm,0.9s	83.83	319	P	P	11 49 45.3	-1.1
MAKZ MAKZ	Makanchi	84.03	319	P	P	11 49 45.4	-1.1
MAKZ MAKZ	comp=Z,19nm,0.9s	84.03	319	I	Amb	11 49 55.3	
TCOL COLA	CIGO, UAF Yank	84.19	21	P	P	11 49 48.3	+1.5
COLA COLA	College	84.19	21	P	P	11 49 44.3	-2.5
HDA HDA	Harding Lake	84.27	22	P	P	11 49 48.3	+1.1
IL31 IL31	Ilkhan	84.48	22	P	P	11 49 47.2	-1.0
ILAR ILAR	Eielson Array	84.48	22	P	P	11 49 49.6	+1.3
ILAR ILAR	comp=Z,13nm,1.1s,baz=253,slow=6.5,SNR=11	84.48	22	P	P	12 22 38.5	
ILAR ILAR	comp=Z,342nm,21.3s,baz=247,slow=32	84.48	22	P	P	11 49 46.4	-1.9
ILAR ILAR	Eielson Array	84.48	22	P	P	11 49 46.4	-1.9
ZAAO ZAAO	Zalesovo Array	84.73	326	P	P	11 49 47.9	-1.9
ZAAO ZAAO	comp=Z,9.8nm,0.8s	84.73	326	I	Amb	11 49 59.1	
ZALV ZALV	Zalesovo Beam	84.73	326	P	P	11 49 48.8	-1.0
ZALV ZALV	comp=Z,6.2nm,0.6s,baz=109,slow=5.4,SNR=16	84.73	326	P	P	12 25 09.2	
ZALV ZALV	comp=Z,68nm,21.6s,baz=72,slow=34	84.73	326	P	P	11 49 48.0	-1.7
ZALV ZALV	Zalesovo Beam	84.73	326	P	P	11 49 48.0	-1.7
BCAR BCAR	Beaver Creek A	85.61	24	P	P	11 49 53.1	-0.9
TOLK TOLK	Toolik Lake Re	85.72	18	P	P	11 49 53.6	-0.9
KSH KSH	Kashi	86.28	311	eP	P	11 49 58.5	+0.5
KSH KSH	comp=Z,100nm,5.8s	86.28	311	eP	P	11 50 03.5	+2.9
KSH KSH	comp=Z,52nm,9.0s	86.28	311	eP	P	11 50 05.8	+5.3
KSH KSH	comp=Z,67nm,6.7s	86.28	311	S	P	12 00 32.8	-0.9
EGAK EGAK	Eagle	86.63	23	P	P	11 49 57.6	-1.4
EGAK EGAK	comp=Z,28nm,1.2s	86.63	23	I	Amb	11 50 03.7	
BMAR BMAR	Burnt Mountain	86.66	20	P	P	11 49 57.9	-1.3
NRN NRN	Naryn	86.71	312	P	P	11 49 58.5	-1.8
NRN NRN	comp=Z,12nm,1.1s	86.71	312	P	P	11 49 58.5	-1.8
KURK KURK	Kurchatov	87.31	322	P	P	11 50 02.0	-0.6
KURK KURK	comp=Z,5.0nm,1.0s	87.31	322	P	P	11 50 01.1	-1.2
KURK KURK	comp=Z,0.6nm,0.4s,baz=87,slow=5.1,SNR=3.6	87.31	322	P	P	11 50 02.1	-0.6
AAK AAK	Ala-Archa	88.07	313	P	P	11 50 07.1	+0.4
AAK AAK	comp=Z,0.6nm,0.3s,baz=31,slow=5.9,SNR=2.8	88.07	313	P	P	11 50 05.3	-1.4
AAK AAK	comp=Z,3.0nm,1.0s	88.07	313	P	P	11 50 04.3	-2.3
AAK AAK	Eagle Plains	88.97	22	P	P	11 50 09.8	-0.4
K02D K02D	Williamette Mer	89.42	47	P	P	11 50 13.8	+0.9
K02D K02D	comp=Z,29nm,1.0s	89.42	47	P	P	11 50 11.7	-1.0
NRIK NRIK	Noril'sk	89.52	341	P	P	12 27 40.4	
NRIK NRIK	comp=Z,3.6nm,0.6s,baz=70,slow=8.1,SNR=5.4	89.52	341	P	P	11 50 15.0	+1.2
M02C M02C	Callahan	89.76	48	P	P	11 50 15.7	+1.1
N02D N02D	Trinity Center	89.79	49	P	P	11 50 16.0	+1.3
O03E O03E	Paynes Creek	90.34	49	P	P	11 50 16.8	-0.5
M04C M04C	Macdoel	90.58	48	P	P	11 50 19.0	+0.5
J04D J04D	Umpqua Nationa	90.64	47	P	P	11 50 20.7	+1.9
INK INK	Inuvik	90.83	21	LR	LR	12 28 13.2	
INK INK	comp=Z,310nm,20.4s,baz=251,slow=34	90.83	21	LR	LR	11 50 22.3	+1.6
PKM PKM	Mcpheerson Peak	91.01	55	P	P	11 50 19.6	-0.8
KKAR KKAR	Karatay Array	91.03	313	P	P	11 50 19.6	-0.8
KKAR KKAR	comp=Z,3.1nm,0.5s	91.03	313	P	P	11 50 20.9	-0.8
SV0 SV0	Syowa Base	91.22	199	eP	P	11 50 20.5	-1.7
J05D J05D	Fort Rock, OR	91.28	47	P	P	11 50 28.1	
BEKR BEKR	Beckworth	91.36	50	I	Amb	11 50 28.1	

comp=Z,16nm,1.4s				P	P		
PINE PINE	Pine Mountain	91.57	46	P	P	11 50 20.7	-2.4
ISA ISA	Isabella, Lake	92.51	54	P	P	11 50 25.8	-0.2
EDW2 EDW2	Edwards Air Fo	92.49	55	P	P	11 50 28.8	+1.5
CWC CWC	Cottonwood Cre	92.63	54	P	P	11 50 30.1	+2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IZV, MDOK Medeo, MDOK, etc.

IDC 19 12:05:09.9.2.0.241.53S:179.94W, h479km, 21km, mb3.1/7, mb1.3/10, mb1mx3.2/4, mbtmp4.1/10, Error ellipse: s-maj=27.5km s-min=16.0km az=154.0

ISCJB 19 12:05:11.0.0.7.2.45S:0109.179.9E:0.1, h505km, mb3.5/7, Error ellipse: s-maj=15.9km s-min=11.0km az=26.8

ISC 19 12:05:11.6.0.7.24.5S:01180.0W:0.1, h505km, n14, a=150/20, mb3.6/7, South of Fiji Islands

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

IDC 19 12:11:59.2.1.2.6.83N:127.06E, h0km, mb3.5/5, mb1.3/6.5, mb1mx3.4/5.8, mbtmp3.5/5, MS3.8/1, Ms1 3.7/1, ms1mx2.6/3.5, Error ellipse: s-maj=38.0km s-min=17.1km az=49.0

MAN 19 12:12:09.5.6.63N:126.61E, h19km, MS3.4

ISC 19 12:12:04.9.1.9.6.61N:109.126.96E:0.09, h34km, 5km, n11, a=158/16, mb3.6/5, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATI, DMMP, DAV, DAV, etc.

ISCJB 19 12:15:51.9.0.4.52.29N:0.05:158.0E:0.1, h136km, 3km, mb3.3/9, Error ellipse: s-maj=12.9km s-min=6.5km az=33.7

KRSC 19 12:15:52.2.0.9.52.32N:157.92E, h128km, 5km, ML3.8

IDC 19 12:15:53.4.0.6.52.65N:157.62E, h142km, 4km, mb3.1/9, mb1.3/4/10, mb1mx3.1/7.1, mbtmp3.6/10, Error ellipse: s-maj=26.2km s-min=14.1km az=131.0

ISC 19 12:15:52.7.0.7.52.35N:0.06:157.94E:0.07, h134km, 5km, n33, a=191/48, mb3.4/9, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTRV, GRL, RUS, RUS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PET, DALK, DALK, UGLR, UGLR, etc.

ISCJB 19 12:18:05.1.0.8.10.1S:01166.7E:0.1, h33km, mb3.5/8, Error ellipse: s-maj=18.4km s-min=16.4km az=34.2

IDC 19 12:18:09.0.4.1.10.11S:166.67E, h54km, 37km, mb3.4/8, mb1.3/6.9, mb1mx3.4/5.1, mbtmp3.6/9, ML4.5/2, MS3.1/1, Ms1 3.1/1, ms1mx2.6/2.5, Error ellipse: s-maj=38.1km s-min=22.0km az=168.0

ISC 19 12:18:07.3.0.9.10.0S:01166.6E:0.1, h35km, n16, a=193/11, mb3.5/8, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, DZM, H1S2, etc.

IDC 19 12:23:37.1.0.9.10.17N:126.99E, h0km, mb4.0/9, mb1.4/0.9, mb1mx3.7/6.1, mbtmp4.0/9, MS3.7/1, Ms1 3.7/1, ms1mx2.5/4.2, Error ellipse: s-maj=43.8km s-min=15.9km az=0

NEIC 19 12:23:38.5.1.8.10.13N:010127.0E:0.2, h10km, 1km, mb4.4/12

MAN 19 12:23:42.7.10.03N:126.31E, h0km, mb4.6, ML3.5, MS3.3

ISC 19 12:23:37.7.2.3.10.03N:0.03:126.73E:0.07, h4km, 14km, n49, a=158/50, mb4.1/12, 3C-ID, Philippine Islands region

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

BATI Baumata 20.33 189 P P 12 28 15.2 +0.1

JCJ Chichijima 22.38 39 LR LR 12 36 37.6

MTN Mantion Dam 23.14 169 P P 12 28 44.8 -0.4

KNRA Kununurra 25.62 175 P Iamb Iamb 12 29 09.9 +1.5

FITZ Fitzroy Cross 27.97 182 P P 12 29 31.5 +1.9

FITZ Fitzroy Cross 27.97 182 P Iamb Iamb 12 29 48.6

KRVT Keravat (AS076) 28.95 118 P P 12 29 37.7 -1.7

WRA Warramunga Arr 30.71 166 P P 12 29 55.6 +1.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like USRK, H1S3, H1S1, H1S2, etc.

IDC 19 12:29:33.7.0.9.43.74N:10.05E, h0km, mb3.5/9, mb1.3/7/13, mb1mx3.6/5.4, mbtmp3.5/13, ML3.6/4, Error ellipse: s-maj=22.2km s-min=11.0km az=114.0

NEIC 19 12:29:35.8.1.9.43.67N:0.05:10.36E:0.03, h10km, 9km, ISCBJ 19 12:29:35.0.2.43.67N:0.01:10.26E:0.1, h20km, 2km, mb3.4/8, Error ellipse: s-maj=2.3km s-min=1.8km az=174.5

GEN 19 12:29:35.5.43.66N:10.31E, h9km, 3km, MI3.4

LDG 19 12:29:35.5.0.2.43.68N:10.32E, h8km, Mds3.4/2, MI3.4/30, Error ellipse: s-maj=4.5km s-min=2.9km az=148.0

ROM 19 12:29:35.3.0.2.43.68N:10.00E:0.10, h10km, 1km, ML3.4/30, Mds3.5, Error ellipse: s-maj=0.7km s-min=0.4km az=243.0 Moment Tensor Solution

Moment tensor: Scale 1014Nm: Mw=1.16; Mw0.11; Mw1.05; Mw0.70; Mw1.3; Mw0.41; Fault plane solution: Ms1.92410x10.41 NP1.0357.00000.0.856.00000.0.7.4.39.00000.0

STR 19 12:29:36.3.0.1.0.44N:3.10E:1.1, h9km, 9km, MLv3.3/7

PRU 19 12:29:37.7.0.0.43.72N:10.36E, h7km

ISC 19 12:29:36.0.8.43.68N:0.02:10.27E:0.02, h14km, 5km, n208, a=193/260, mb3.4/8, 1C-ID, Central Italy

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

T0911 19 12:29:36.0.68 Castelpoglio 0.46 342 P P 12 29 44.6 -0.1

T0911 19 12:29:36.0.5s AML AML

T0911 19 12:29:36.0.9s AML AML

T0911 19 12:29:36.0.9s AML AML

T0911 19 12:29:36.0.9s AML AML

T0911 19 12:29:36.0.9s AML AML

T0911 19 12:29:36.0.8s AML AML

PLMA Palmaria, Port 0.48 321 P P 12 29 44.7 -0.4

PLMA Palmaria, Port 0.48 321 P S 12 29 51.0 +0.4

VLC Villacollemand 0.49 10 P P 12 29 45.0 -0.2

VLC Villacollemand 0.49 10 P S 12 29 51.0 -0.4

VLC Villacollemand 0.49 10 P P 12 29 45.1 -0.2

EQUI Equi 0.49 351 P P 12 29 45.1 -0.3

EQUI Equi 0.49 351 P S 12 29 51.0 -0.5

EQUI Equi 0.49 351 P S 12 29 51.0 -0.3

EQUI Equi 0.49 351 P S 12 29 51.0 -0.5

POPPI Popiglio 0.51 44 P P 12 29 45.5 -0.1

POPPI Popiglio 0.51 44 P S 12 29 52.1 -0.4

POPPI Popiglio 0.51 44 P S 12 29 45.0 -0.2

CRMI	comp=E,5605µm,0.8s	AML	AML	QLNO	comp=N,530µm,0.7s	AML	AML	RSL	Roselend	3.28	309	P	Pn	12 30 28.0 +1.2	
CRMI	comp=E,2310µm,0.8s	AML	AML	QLNO	comp=E,392µm,1.6s	AML	AML	SABO	M.te Sabotino	3.31	45	AML	AML		
CRMI	comp=N,1600µm,0.5s	AML	AML	QLNO	comp=N,534µm,0.7s	AML	AML	SABO	comp=N,440µm,0.7s			AML	AML		
PTF	Prato	0.65	64	P	Pg			GDM	Grand'Maison	3.34	299	P	Pn	12 30 28.1 +0.6	
TRIF	Trifonti	0.73	140	P	Pg	12 29 48.0 -0.2	1.55	133	ROSI	Roskopf	3.35	14	AML	AML	
TRIF	comp=N,1860µm,1.6s	AML	AML	ATTE	AVT- Monte Tez	1.59	107	P	ROSI	comp=E,468µm,0.5s			AML	AML	
TRIF	comp=E,1695µm,0.5s	AML	AML	ATTE	comp=N,466µm,1.0s	AML	AML	AML	ROSI	comp=N,634µm,0.6s			AML	AML	
TRIF	comp=N,1860µm,1.6s	AML	AML	ATTE	comp=N,446µm,1.0s	AML	AML	AML	BSTF	la Bastide-des	3.35	275	P	Pn	12 30 28.5 +1.0
ERBM	Eremo	0.75	8	P	Pb	12 29 50.5 0.0	1.60	80	FETA	Feichten	3.36	5	i Pn	Pn	12 30 30.8 +3.0
ERBM	comp=E,3755µm,0.9s	AML	AML	RSM	Repubblica di	comp=E,446µm,0.8s			FETA	comp=N,4.6nm,0.4s,SNR=8.7			eSn	Sb	12 31 13.6 -2.2
ERBM	comp=N,4395µm,0.9s	AML	AML	RSM	comp=N,1730µm,1.0s	AML	AML	AML	ORIF	Oris-en-Rattie	3.38	293	eP	Pn	12 30 31.4 +3.3
ERBM	comp=N,4400µm,0.9s	AML	AML	RORO	Rocca Rossa	1.65	286	P	ORIF	comp=N,47nm,0.8s			eSn	Sn	12 31 07.3 -0.8
FNVD	Fontana Vidola	0.79	51	P	Pb	12 29 50.9 -0.3			ORIF	Oris-en-Rattie	3.38	293	P	Pn	12 30 29.2 +1.1
FNVD	comp=E,6525µm,0.6s	AML	AML	RORO	comp=N,247µm,0.8s	AML	AML	AML	SMRF	Simiane la Rot	3.41	277	eP	Pn	12 30 29.4 +1.1
FNVD	comp=N,8175µm,0.5s	AML	AML	RORO	comp=N,174µm,0.4s	AML	AML	AML	SMRF	SNR=1.0			eSn	Sn	12 31 07.7 -0.9
FROS	Frosini	0.80	125	P	Pg	12 29 50.7 -0.4	1.69	103	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
FROS	comp=N,2275µm,0.4s	AML	AML	MURB	Monte Urbino	1.74	205	P	SMRF	comp=N,73nm,0.9s			eSg	Sg	12 31 25.9 +0.9
FROS	comp=N,2475µm,0.4s	AML	AML	SMPL	Sampolo	1.74	205	P	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
GRAM	Graiana	0.83	350	P	Pg	12 29 51.6 0.0			SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
GRAM	comp=N,7325µm,0.4s	AML	AML	SMPL	comp=E,10050µm,0.8s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
GRAM	comp=N,5690µm,0.3s	AML	AML	GBOS	Grotte di Boss	1.84	289	P	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	Maissana	0.84	320	P	Pg	12 29 51.4 -0.5			SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	comp=E,2160µm,1.1s	AML	AML	GBOS	comp=N,194µm,0.4s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	comp=E,2165µm,1.1s	AML	AML	GBOS	comp=N,157µm,0.7s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	comp=N,2310µm,0.6s	AML	AML	GBOS	comp=N,3955µm,0.9s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	comp=N,2310µm,0.6s	AML	AML	GBOS	comp=N,146µm,0.7s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
MSSA	comp=N,2310µm,0.6s	AML	AML	GBOS	comp=N,146µm,0.7s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	Zocca	0.85	37	AML	AML	12 29 51.6 0.0	1.95	5	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=E,3665µm,1.1s	AML	AML	TEOL	Teolo	1.96	30	P	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,6845µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=E,3675µm,1.1s	AML	AML	TEOL	Teolo	1.96	30	P	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s	AML	AML	TEOL	comp=N,2445µm,1.5s	AML	AML	AML	SMRF	comp=N,32nm,0.6s,SNR=1.0			eSg	Sg	12 31 25.9 +0.9
ZCCA	comp=N,7085µm,0.5s</														

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SOC Sochi, ARQ Araqi, NB2 NORRAR Subarra, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GSC Goldstone, BFSC Mount Baldy Ra, COP Copenhagen, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GLA Glamis, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like EROS Data Cent, Grobnik, SOKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like La Plagne, Lajitas Array, Signal de Mont, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like Mina Array, Lajitas Array, Mawson, etc.

19d 15h

ETRV	105nm,0.3s,SNR=7.9	Lg	Lg	15 55 24.5
LUJA	Ljar	Pn	Pn	15 54 56.0 +0.8
LUJA	Ljar	Pn	Pn	15 54 56.0 +0.8
EALB	Alboran	Pn	Pn	15 54 56.3 0.0
EALB	18nm,0.3s,SNR=6.9	Sn	Sn	15 55 23.2 -0.3
UCM	70nm,0.3s,SNR=5.0	Pg	Pg	15 55 03.4 +1.7
UCM	Universidade Co	iP	iP	15 55 32.3 +2.0
ECHE	Chera	Pn	Pn	15 54 59.4 +0.8
ECHE	5.2nm,0.2s,SNR=7.9	Pn	Pn	15 55 05.7 +1.7
ECHE	39nm,0.3s,SNR=7.9	Sb	Sb	15 55 29.6 -1.6
ECHE	32nm,0.3s,SNR=7.9	Lg	Lg	15 55 37.6
ESPR	190nm,0.3s,SNR=7.9	Pn	Pn	15 54 59.9 +0.3
ESPR	Espera	Pn	Pn	15 55 05.2 -0.2
ESPR	1.5nm,0.2s,SNR=7.9	Sn	Sn	15 55 28.7 -0.8
ESPR	5.3nm,0.2s,SNR=7.9	Pg	Pg	15 55 37.7
ESPR	33nm,0.3s,SNR=7.9	Lg	Lg	15 55 37.7
ALJ	81nm,0.2s,SNR=7.9	Pg	Pg	15 55 08.1 +1.4
ALJ	Aljibe	Pn	Pn	15 55 08.1 +1.4
EBEN2	Beniarda presa	Pn	Pn	15 55 01.5 +0.8
EBEN2	11nm,0.1s,SNR=7.9	Pg	Pg	15 55 07.5 +0.7
EBEN2	100nm,0.3s,SNR=7.9	Sn	Sn	15 55 30.5 -0.9
EBEN2	31nm,0.1s,SNR=7.9	Lg	Lg	15 55 40.1
EBEN2	167nm,0.5s,SNR=4.0	Lg	Lg	15 55 40.1
GIBL	Gibalbin	Pg	Pg	15 55 08.6 +1.4
GIBL	Gibalbin	Pn	Pn	15 55 08.6 +1.4
GUD	Guadarrama	Pn	Pn	15 55 05.1 +2.2
GUD	0.4nm,0.1s,SNR=7.9	Pg	Pg	15 55 11.1 +1.2
GUD	34nm,0.2s,SNR=7.9	Sn	Sn	15 55 36.1 +0.6
GUD	13nm,0.3s,SNR=7.9	Lg	Lg	15 55 44.7
GUD	162nm,0.3s,SNR=7.9	Lg	Lg	15 55 44.7
EMIN	Mina Concepcio	Pn	Pn	15 55 03.5 -0.4
EMIN	2.1nm,0.2s,SNR=27	Pg	Pb	15 55 09.5 +0.9
EMIN	16nm,0.3s,SNR=7.9	Sn	Sn	15 55 36.0 -1.3
EMIN	15nm,0.2s,SNR=6.5	Lg	Lg	15 55 44.5
EMIN	118nm,0.3s,SNR=8.2	Lg	Lg	15 55 44.5
ETOR	Torete	Pn	Pn	15 55 07.1 +0.9
ETOR	14nm,0.2s,SNR=21	Pg	Pg	15 55 16.2 +1.7
ETOR	125nm,0.3s,SNR=42	Sn	Sn	15 55 41.5 +0.2
ETOR	162nm,0.2s,SNR=6.3	Lg	Lg	15 55 53.1
ETOR	868nm,0.4s,SNR=25	Lg	Lg	15 55 53.1
PALE	Palemas	Pn	Pn	15 55 08.2 +1.4
EPLA	Plasencia	Pn	Pn	15 55 08.3 +1.1
EPLA	0.5nm,0.1s,SNR=7.9	Pg	Pg	15 55 14.7 -1.1
EPLA	6.9nm,0.1s,SNR=7.9	Sn	Sn	15 55 42.2 -0.8
EPLA	26nm,0.3s,SNR=7.9	Lg	Lg	15 55 51.8
SMIR	Smir Dam	Pn	Pn	15 55 10.2 +3.1
SMIR	2.95 216	S	S	15 55 42.9 -0.1
PBAR	Barrancos	Pn	Pn	15 55 07.4 -0.2
PBAR	2.98 273	ePn	ePn	15 55 42.5 -1.3
PBAR	2.98 273	eSg	eSg	15 55 52.6 +2.6
PBAR	Barrancos	Pn	Pn	15 55 07.4 -0.2
PBAR	2.98 273	Pn	Pn	15 55 42.5 -1.3
PBAR	2.98 273	Pn	Pn	15 55 52.6
EBAD	Badajoz	Pn	Pn	15 55 08.2 +0.1
EBAD	2.6nm,0.2s,SNR=19	Pg	Pb	15 55 15.8 +1.9
EBAD	9.3nm,0.2s,SNR=7.9	Sn	Sn	15 55 45.7 +0.9
EBAD	38nm,0.2s,SNR=7.9	Lg	Lg	15 55 56.5
EBAD	147nm,0.2s,SNR=5.9	Lg	Lg	15 55 56.5
EMOS	Mosqueruela	Pn	Pn	15 55 11.3 +1.5
EMOS	4.8nm,0.3s,SNR=11	Pg	Pg	15 55 20.2 +0.8
EMOS	29nm,0.5s,SNR=7.9	Sn	Sn	15 55 48.2 +0.4
EMOS	19nm,0.3s,SNR=7.9	Lg	Lg	15 56 00.4
EMOS	111nm,0.4s,SNR=6.3	Lg	Lg	15 56 00.4
TAF	Taforalit	Pn	Pn	15 55 14.1 +1.5
TAF	3.35 168	S	S	15 55 54.7 +1.8
EGRO	Ei Granado	Pn	Pn	15 55 12.5 -0.7
EGRO	1.0nm,0.1s,SNR=15	Pg	Pb	15 55 21.7 +1.5
EGRO	7.0nm,0.2s,SNR=11	Sn	Sn	15 55 52.1 -1.9
EGRO	19nm,0.2s,SNR=6.0	Lg	Lg	15 56 05.3
EGRO	96nm,0.4s,SNR=9.4	Lg	Lg	15 56 05.3
CHEFC	Chefchaouen	Pn	Pn	15 55 13.5 -0.2
CHEFC	3.42 210	S	S	15 55 56.7 +1.9
PESTR	Estremoz	ePn	ePn	15 55 14.8 +0.3
PESTR	3.48 284	Pn	Pn	15 55 24.8 -1.4
PESTR	3.48 284	eSg	eSg	15 55 55.4 -0.9
PESTR	3.48 284	eSg	eSg	15 56 10.5 -0.7
PESTR	3.48 284	eSg	eSg	15 56 19.1
PESTR	198nm,0.6s	Pn	Pn	15 55 16.7 +2.2
PESTR	Estremoz	Sb	Sb	15 56 02.6 -1.9
PMRV	Marv??o	Pn	Pn	15 55 14.9 +0.3
PMRV	3.49 294	ePn	ePn	15 55 26.1 -0.2
PMRV	3.49 294	eSg	eSg	15 55 56.0 -0.5
PMRV	3.49 294	eSg	eSg	15 56 12.0 +0.4
PMRV	3.49 294	eSg	eSg	15 56 15.5
PMRV	202nm,0.6s	Pn	Pn	15 55 14.9 +0.3
PMRV	Marv??o	Pg	Pg	15 55 26.1 -0.2
PMRV	3.49 294	Pn	Pn	15 55 56.0 -0.5
PMRV	3.49 294	Lg	Lg	15 56 12.0
AKLM	AKL	Pn	Pn	15 55 18.1 +1.7
AKLM	3.61 188	S	S	15 56 00.6 +1.1
PBEJ	Beja	Pn	Pn	15 55 17.6 +1.0
PBEJ	3.64 270	ePn	ePn	15 55 25.2 +0.9
PBEJ	3.64 270	ePn	ePn	15 55 57.6 -2.4
PBEJ	3.64 270	eSg	eSg	15 56 14.8 -1.4
PBEJ	3.64 270	eSg	eSg	15 56 27.3
PBEJ	62nm,0.5s	Pn	Pn	15 55 17.6 +1.0
PBEJ	3.64 270	Pn	Pn	15 55 25.2 +0.9
PBEJ	3.64 270	Pn	Pn	15 55 57.6 -2.4
PBEJ	3.64 270	Pn	Pn	15 56 14.8 -1.4
PCBR	Castelo Branco	Pn	Pn	15 55 18.8 +1.1
PCBR	3.72 299	ePn	ePn	15 56 01.6 -0.4
PCBR	3.72 299	eSg	eSg	15 56 18.4 -0.5
PCBR	3.72 299	eSg	eSg	15 56 24.0
PCBR	98nm,0.7s	Pn	Pn	15 55 18.8 +1.1
PCBR	Castelo Branco	Pn	Pn	15 56 01.6 -0.4
PCBR	3.72 299	Lg	Lg	15 56 18.4
EIBI	Ibiza	Pn	Pn	15 55 17.7 -0.1
EIBI	4.3nm,0.2s,SNR=7.9	Sn	Sn	15 56 00.3 -1.8
EIBI	9.8nm,0.2s,SNR=7.9	Pn	Pn	15 55 18.8 +0.5
EVO	Evora	ePn	ePn	15 55 30.6 -0.9
EVO	3.77 278	ePn	ePn	15 56 01.6 -1.6
EVO	3.77 278	eSg	eSg	15 56 19.4 -0.9
EVO	3.77 278	eSg	eSg	15 56 27.1
EVO	134nm,0.5s	Pn	Pn	15 55 18.8 +0.5
EVO	Evora	Pg	Pg	15 55 30.6 -0.9
EVO	3.77 278	Pn	Pn	15 56 01.6 -1.6
EVO	3.77 278	Lg	Lg	15 55 19.4
EVO	134nm,0.5s	Lg	Lg	15 55 19.4

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EVO	Evora	3.77 278	eP	Pn	15 55 19.2 +0.9
EVO	Evora	3.77 278	eS	Sn	15 56 02.1 -1.1
JBK	JBK	3.80 171	P	Pn	15 55 20.0 +1.1
JBK	JBK	3.80 171	S	Pn	15 56 03.9 -0.3
Barranco-do-Ve	Barranco-do-Ve	3.80 258	ePn	Pn	15 55 18.4 -0.5
Barranco-do-Ve	Barranco-do-Ve	3.80 258	eSg	Sn	15 56 01.9 -2.5
Barranco-do-Ve	Barranco-do-Ve	3.80 258	eSg	Sg	15 56 18.4 -3.2
Barranco-do-Ve	Barranco-do-Ve	3.80 258	A	Sg	15 56 26.6
Barranco-do-Ve	Barranco-do-Ve	3.80 258	Pn	Pn	15 55 18.4 -0.5
Barranco-do-Ve	Barranco-do-Ve	3.80 258	Sn	Sn	15 56 01.9 -2.5
Barranco-do-Ve	Barranco-do-Ve	3.80 258	Lg	Lg	15 56 18.4
Castro Verde	Castro Verde	3.81 264	ePn	Pn	15 55 19.0 0.0
Castro Verde	Castro Verde	3.81 264	ePn	Pb	15 55 29.5 +2.2
Castro Verde	Castro Verde	3.81 264	eSg	Sn	15 56 01.9 -2.5
Castro Verde	Castro Verde	3.81 264	eSg	Sg	15 56 18.6 -3.2
Castro Verde	Castro Verde	3.81 264	A	Sg	15 56 27.7
Castro Verde	Castro Verde	3.81 264	Pn	Pn	15 55 19.0 0.0
Castro Verde	Castro Verde	3.81 264	Pg	Pg	15 55 29.5 +2.2
Castro Verde	Castro Verde	3.81 264	Sn	Sn	15 56 01.9 -2.5
Castro Verde	Castro Verde	3.81 264	Lg	Lg	15 56 18.6
Sarsar	Sarsar	3.81 214	P	Pn	15 55 20.0 +1.0
Sarsar	Sarsar	3.81 214	S	Sn	15 55 03.9 -0.6
Horta de San J	Horta de San J	3.98 43	Pn	Pn	15 55 22.8 +1.4
Horta de San J	Horta de San J	3.98 43	Pg	Pg	15 55 34.2 -1.5
Horta de San J	Horta de San J	3.98 43	Sn	Sn	15 56 09.0 +0.4
Horta de San J	Horta de San J	3.98 43	Lg	Lg	15 56 24.9
Horta de San J	Horta de San J	3.98 43	Pn	Pn	15 55 21.3 -0.4
Horta de San J	Horta de San J	3.98 43	Pg	Pg	15 55 34.2 -1.5
Horta de San J	Horta de San J	3.98 43	Sn	Sn	15 56 09.0 +0.4
Horta de San J	Horta de San J	3.98 43	Lg	Lg	15 56 24.9
Montargil	Montargil	4.01 286	ePn	Pn	15 55 21.3 -0.4
Montargil	Montargil	4.01 286	ePn	Pb	15 55 34.2 -1.5
Montargil	Montargil	4.01 286	eSg	Sn	15 56 09.0 +0.4
Montargil	Montargil	4.01 286	eSg	Sg	15 56 24.9
Montargil	Montargil	4.01 286	A	Sg	15 56 34.6
Montargil	Montargil	4.01 286	Pn	Pn	15 55 21.3 -0.4
Montargil	Montargil	4.01 286	Pg	Pg	15 55 34.2 -1.5
Montargil	Montargil	4.01 286	Sn	Sn	15 56 09.0 +0.4
Montargil	Montargil	4.01 286	Lg	Lg	15 56 24.9
Montargil	Montargil	4.01 286	Pn	Pn	15 55 21.3 -0.4
Montargil	Montargil	4.01 286	Pg	Pg	15 55 34.2 -1.5
Montargil	Montargil	4.01 286	Sn	Sn	15 56 09.0 +0.4
Montargil	Montargil	4.01 286	Lg	Lg	15 56 24.9
Manteigas	Manteigas	4.04 306	ePn	Pn	15 55 36.2 -0.7
Manteigas	Manteigas	4.04 306	ePn	Pb	15 56 09.0 +0.7
Manteigas	Manteigas	4.04 306	eSg	Sn	15 56 27.7 -1.6
Manteigas	Manteigas	4.04 306	eSg	Sg	15 56 42.2
Manteigas	Manteigas	4.04 306	A	Sg	15 56 42.2
Manteigas	Manteigas	4.04 306	Pn	Pn	15 55 36.2 -0.7
Manteigas	Manteigas	4.04 306	Pg	Pg	15 56 09.0 +0.7
Manteigas	Manteigas	4.04 306	Sn	Sn	15 56 27.7 -1.6
Manteigas	Manteigas	4.04 306	Lg	Lg	15 56 42.2
Nicolau / Gran	Nicolau / Gran	4.16 272	ePn	Pn	15 55 23.8 +0.1
Nicolau / Gran	Nicolau / Gran	4.16 272	ePn	Pb	15 56 11.2 -1.6
Nicolau / Gran	Nicolau / Gran	4.16 272	eSg	Sn	15 56 30.5 -1.1
Nicolau / Gran	Nicolau / Gran	4.16 272	eSg	Sg	15 56 30.5 -1.1
Nicolau / Gran	Nicolau / Gran	4.16 272	A	Sg	15 56 30.5 -1.1
Nicolau / Gran	Nicolau / Gran	4.16 272	Pn	Pn	15 55 23.8 +0.1
Nicolau / Gran	Nicolau / Gran	4.16 272	Pg	Pg	15 56 11.2 -1.6
Nicolau / Gran	Nicolau / Gran	4.16 272	Sn	Sn	15 56 30.5 -1.1
Nicolau / Gran	Nicolau / Gran	4.16 272	Lg	Lg	15 56 30.5 -1.1
San Caprasio	San Caprasio	4.21 30	Pn	Pn	15 55 26.5 +2.0
San Caprasio	San Caprasio	4.21 30	Sn	Sn	15 56 13.7 -0.5
San Caprasio	San Caprasio	4.21 30	Lg	Lg	15 56 35.5
San Caprasio	San Caprasio	4.21 30	Pn	Pn	15 55 26.2 +1.5
San Caprasio	San Caprasio	4.21 30	Pg	Pg	15 55 41.4 +1.1
San Caprasio	San Caprasio	4.21 30	Sn	Sn	15 56 14.8 +0.2
San Caprasio	San Caprasio	4.21 30	Lg	Lg	15 56 34.8 -0.3
San Caprasio	San Caprasio	4.21 30	A	Sg	15 56 41.5
Moncorvo	Moncorvo	4.22 318	ePn	Pn	15 55 26.1 +0.4
Moncorvo	Moncorvo	4.22 318	ePn	Pb	15 55 41.9 +0.2
Moncorvo	Moncorvo	4.22 318	eSg	Sn	15 56 15.1 -1.2
Moncorvo	Moncorvo	4.22 318	eSg	Sg	15 56 35.7 -1.7
Moncorvo	Moncorvo	4.22 318	A	Sg	15 56 47.7
Moncorvo	Moncorvo	4.22 318	Pn	Pn	15 55 26.1 +0.4
Moncorvo	Moncorvo	4.22 318	Pg	Pg	15 55 41.9 +0.2
Moncorvo	Moncorvo	4.22 318	Sn	Sn	15 56 15.1 -1.2
Moncorvo	Moncorvo	4.22 318	Lg	Lg	15 56 35.7
Moncorvo	Moncorvo	4.22 318	Pn	Pn	15 55 27.9 +1.9
Moncorvo	Moncorvo	4.22 318	Pg	Pg	15 56 19.0 +2.1
Moncorvo	Moncorvo	4.22 318	Sn	Sn	15 56 16.3 -1.6
Moncorvo	Moncorvo	4.22 318	Lg	Lg	15 56 36.9 -2.6
Moncorvo	Moncorvo	4.22 318	A	Sg	15 56 47.5
Moncorvo	Moncorvo	4.22 318	Pn	Pn	15 56 16.3 -1.6
Moncorvo	Moncorvo	4.22 318	Pg	Pg	15 56 36.9
Moncorvo	Moncorvo	4.22 318	Sn	Sn	15 55 28.8 +1.1
Moncorvo					

Table with columns: MTLF, Montolieu, 6.69 37 ePg, Pg, 15 56 26.3 -1.1, etc.

ISCJB 19 16:07:52.0, 4.0, 20N; 0.03:25.97E; 0.04, h7km, 5km, Error ellipse: s-maj=4.8km s-min=4.2km az=155.8

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

IDC 19 16:09:27.7, 1.6, 29.99N; 104.98E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.2/5, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=66.8km s-min=28.3km az=57.0, Sichuan

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

NIED 19 16:10:00, 45.40N; 150.20E, h68km, Mw4.3 Best double couple: M2.83000x1015 NP1.9194.00000, 0.13.00000, 1.76.00000, NP2.929.00000, 0.77.00000, 1.93.00000

JMA 19 16:10:47.5, 0.8, 45.38N; 150.21E, h30km, M4.6

ISCJB 19 16:10:48.0, 6.0, 45.23N; 150.06E; 0.05, h70km, 5km, mb4.0/37, Error ellipse: s-maj=8.7km s-min=4.8km az=144.6

MOS 19 16:10:48.3, 1.0, 45.28N; 150.05E, h65km, mb4.5/12, Error ellipse: s-maj=8.0km s-min=7.1km az=65.7

SKHL 19 16:10:48.5, 0.4, 45.26N; 150.20E, h63km, 6km, mb5.2/5

IDC 19 16:10:49.3, 0.5, 45.40N; 149.93E; h54km, 4km, mb3.8/24, mb1 4.0/30, mb1mx3.9/50, mbtmp4.0/30, MS3.2/15, Ms1 3.3/15, ms1mx3.1/43, Error ellipse: s-maj=14.0km s-min=10.1km az=148.0

NEIC 19 16:10:49.5, 1.0, 45.30N; 150.10E; 0.1, h56km, 2km, mb4.3/17

ISC 19 16:10:48.6, 0.5, 45.20N; 150.12E; 0.05, h57km, 3km, h58km, pP-n190, r197/202, mb4.1/42, MS3.3, 8, 17C-8D, Kuril Islands

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

Table with columns: GRPR, Tuman, 3.33 250 ePN, Pn, 16 11 40.1 +1.9, etc.

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

YSS comp-E, 300nm, 15.0s 5.42 292 P Pn 16 12 08.4 +1.6

Table with columns: ILAR, comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5, etc.

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

ILAR comp-Z, 1.3nm, 0.7s, baz=269, slow=8.7, SNR=6.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BURAR Bucovina Array, BIZ Bicaz, TESR Tescani, etc.

ZUR 19 16:11:42.0, 47.41N:9.31E, h4km, MLH0.0/3,2D, Error ellipse: s-maj=2.4km s-min=0.9km az=175.0, Germany. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

STR 19 16:21:54.7, 0.7, 45°N, 3°E, h4km, 6km, mb3.5/1, MLV3.5/7. ROM 19 16:21:57.1, 0.1, 44.773N, 0.009:8.98E:0.01, h25km, 1km, ML3.4/77, Mw3.3, Error ellipse: s-maj=0.8km s-min=0.8km az=36.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mw:0.11; Mo:0.58; Mo:0.47; Mo:0.62; Mo:0.28; Mo:0.55; Fault plane solution: Mo1.01717x10^14 NP1: 0.323.00000°, 337.00000°, 1.173.00000°. NP2: 0.58.00000°, 886.00000°, 1.54.00000°. ISCJB 19 16:21:57.3:0.2, 44.779N, 0.02:8.95E:0.02, h27km, 3km Error ellipse: s-maj=2.9km s-min=1.8km az=158.8. PRU 19 16:21:57.3:0.0, 44.97N, 8.88E, h10km LDG 19 16:21:57.6:0.1, 44.74N, 9.00E, h13km, Md3.5/2, Ml3.6/58, Error ellipse: s-maj=1.2km s-min=0.9km az=32.0. GEN 19 16:21:58.1, 44.75N, 9.02E, h16km, 2km, Ml3.3. ISC 19 16:21:57.1:0.9, 44.80N, 0.02:9.01E:0.02, h23km, 8km, n193, 0.28/0.247, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GORR Gorreto, BOB Bobbio, BOB Bobbio, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTLR, FINB, FINB, FINB, etc.

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

Table with columns: ORIF, comp=N, 147nm, 0.4s, eSg, Sb, 16 23 08.3 +4.3, CGRP, Cima Grappa, 2.24 60 P AML, Pn AML, 16 22 33.9 +0.8, etc.

Table with columns: TOLF, comp=N, 83µm, 0.9s, 3.50 140 AML AML, TOLF, comp=N, 39µm, 1.0s, AML AML, ECH, Echery, 3.65 340 P Pn, etc.

Table with columns: MODS, comp=E, 4.1nm, 0.5s, 6.72 55 ePN Pn, BRG, Berggiesshubel, 6.92 27 SN e, etc.

IDC 19 16:28:50.4i, 1.2, 14.79S; 75.91W, h0km, mb3.9/5, mb1 4.0/9, mb1mx3.8/27, mbtmpr3.9/9, ML3.8/4, MS3.0/3, Ms1 3.1/3, ms1mx2.8/26, Error ellipse: s-maj=35.0km s-min=14.0km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, NNA, Nana, 3.06 347 Pn, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like ODAN Odare, RAMN Ramite, JIRN Jiri, PKIN Phulchoki, etc.

Table with columns: STEEP, BALIKESIR, Sava, 147, 69, P, Pn, 16 58 50.5 -0.1, 16 59 13.0 +1.7. Includes stations like BALLY Balya, GELI Tayfur-Gelibol, LPK Lapseki, etc.

Code Station Name Az AzZ Op Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like MLIR3 Monte Lirio, C, BRU2 Volcan, BRU2 Puerto Jimenez, etc.

Code Station Name Az AzZ Op Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, GLKZ Raoul Island, RAO Raoul Island, etc.

Code Station Name Az AzZ Op Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like RIZ Riza, MXZ Matakaoa Point, WMGZ Waionatitani S, PKGZ Pakhihira, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res. Includes stations like TUVZ Tukino, FWVZ Far West T-bar, PXZ Panawai, etc.

NB2	NORSAR Subarra151.52 350	PKP	PKIKP	17 31 29.4 +0.5
NB200	NORSAR Array S 151.52 350	PKPbc	PKIKP	17 31 29.4 +0.5
NOA	NORSAR Array B 151.52 350	PKPbc	PKIKP	17 31 29.4 +0.5
AKASG	Malin Array Be 153.23 319	PKPbc	PKPbc	17 31 32.7 +0.2
BR101	Keskin Array S 153.42 293	PKPbc	PKPbc	17 31 33.1 -0.3
BRTR	Keskin Array B 153.42 293	PKPbc	PKPbc	17 31 33.1 -0.3
TORD	Torodi Arr. Bea 159.94 181	PKPab	PKPab	17 32 15.4 +1.4
TOA1	Torodi Arr. Sit 159.94 181	PKPab	PKPab	17 32 15.4 +1.3

IDC 19 17:13:26.9.2.4, 4.1'19N,96.38E, h83km, 19km, mb3.7/13, mb1 3.8/15, mb1mx3.6/49, mbtmp3.9/15, Error ellipse: s-maj=38.6km s-min=10.8km az=51.0
 ISCJB 19 17:13:27.0.0.5, 4.1'17N,0.05:96.38E:0.07, h100km, 4km, mb3.9/13, Error ellipse: s-maj=11.4km s-min=7.0km az=160.8
 DJA 19 17:13:29.3.0.7, 4.1'N,2.9'6E, h79km, 6km, M3.7/8, MLV3.7/8
 ISC 19 17:13:29.9.0.8, 4.1'6N,0.05:96.36E:0.07, h91km, 6km, n20, r124/30, mb4.0/13, Northern Sumatera

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
MLSI	Meulaboh, Aceh	0.12 21	P	Pn	17 13 41.5 +0.8	
MLSI			S	Pn	17 13 50.5 +0.3	
TPTI		1.21 138	P	Pn	17 13 51.3 +1.3	
TPTI			S	Pn	17 14 05.5 -1.2	
LHMI	Lhok Sumawe	1.21 29	P	Pn	17 13 51.1 +1.0	
LHMI			S	Pn	17 14 07.6 +0.8	
KCSI	Kotacane, Aceh	1.54 114	P	Pn	17 13 54.4 +0.2	
KCSI			S	Pn	17 14 12.7 -1.4	
SNSI	Sinabang, Aceh	1.74 181	P	Pn	17 13 57.0 +0.3	
SNSI			S	Pn	17 14 19.4 +0.8	
PSI	Prapat	2.89 118	P	Pn	17 14 13.4 +1.3	
PSI	15nm, 0.3s, baz=302, slow=8.0, SNR=33		S	Pn	17 14 46.2 +0.2	
CMAR	Chiang Mai Arr	14.44 10	P	Pn	17 16 47.6 -0.3	
FITZ	Fitzroy Crossi	36.37 128	P	P	17 20 22.8 -0.7	
MKAR	Makanchi Array	44.19 346	P	P	17 21 26.8 -1.1	
WRA	Alice Springs	45.86 129	P	P	17 21 29.5 +0.1	
WRA	Warramunga Arr	44.34 124	P	P	17 21 29.5 +0.1	
WRA	0.3nm, 0.8s, baz=308, slow=3.0, SNR=3.0		PcP	PcP	17 23 12.1 -0.1	
WRA	0.4nm, 0.9s, baz=314, slow=3.5, SNR=2.3		ScP	ScP	17 26 57.0 +0.8	
SOMM	Songino Array	44.36 10	P	P	17 21 29.3 0.0	
ASAR	Alice Springs	45.86 129	P	P	17 21 41.2 -0.2	
ASAR	0.2nm, 0.7s, baz=305, slow=3.3, SNR=2.9		PcP	PcP	17 23 15.9 -1.5	
ASAR	0.3nm, 0.9s, baz=308, slow=4.6, SNR=2.8		ScP	ScP	17 27 07.0 +4.5	
TLY	Talaya	47.75 6	P	P	17 21 55.8 +0.1	
ZALV	Zalesovo Beam	50.53 351	P	P	17 22 14.8 -2.0	
STKA	Stephens Creek	55.96 133	P	P	17 22 57.5 +0.5	
KBZ	Khabaz	61.31 318	P	P	17 23 34.4 +0.5	
BRTR	Keskin Array B	66.52 312	P	P	17 24 08.4 -0.1	
AKASG	Malin Array Be	72.42 322	P	P	17 24 43.5 -0.8	
FINES	FINES Array B	77.01 332	P	P	17 25 10.6 0.0	
GERES	GERES Array B	82.06 319	P	P	17 25 38.8 +0.4	

ISCJB 19 17:23:28.0.0.3, 40.3'32N,0.02:0.83W:0.02, h10km, 2km, Error ellipse: s-maj=3.1km s-min=2.0km az=137.2
 MDD 19 17:23:30.9.0.2, 40.2'26N,0.70W, h11km, mbLQ2.8/44, Error ellipse: s-maj=2.9km s-min=1.9km az=142.0, PRXIMO
 STR 19 17:23:30.2.1.0, 40.0'N,22.2'x 1.0', h8km, 26km, mb3.6/1, MLV3.3/7
 LDG 19 17:23:32.1.0.1, 40.2'28N,0.74W, h10km, M13.1/20, Error ellipse: s-maj=2.4km s-min=1.4km az=128.0
 ISC 19 17:23:29.6.1.0, 40.2'29N,0.02:0.75W:0.02, h15km, 8km, n118, r178/208, Spain

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
EMOS	Mosqueruela	0.22 71	Pg	Pg	17 23 34.9 +0.1	
EMOS	72nm, 0.3s, SNR=288		Lg	Lg	17 23 38.7	
ECHE	Chera	0.72 194	Pg	Pg	17 23 43.5 -0.3	
ECHE	18nm, 0.1s, SNR=7.9		Lg	Lg	17 23 53.7	
ERTA	Horta de San J	1.05 51	Pg	Pg	17 23 50.8 +0.9	
ERTA	46nm, 0.2s, SNR=135		Lg	Lg	17 24 05.7	
ETOR	60nm, 0.1s, SNR=10.0		Pg	Pb	17 23 50.8 -0.1	
ETOR	Torote	1.13 298	Pg	Pb	17 23 50.8 -0.1	
ESAC	San Caprasio	1.44 8	Pg	Pb	17 23 57.1 +0.8	
ESAC	114nm, 0.3s, SNR=65		Lg	Lg	17 24 16.7	
EBENZ	Beniarra presa	1.67 165	Pn	Pn	17 23 59.7 +1.4	
EBENZ	1.3nm, 0.1s, SNR=4.0		Pg	Pb	17 24 01.6 +1.5	
EBENZ	14nm, 0.1s, SNR=4.0		Lg	Lg	17 24 21.7	
EPOB	Poblet	1.74 52	Pg	Pg	17 24 01.1 +1.6	
EPOB	5.9nm, 0.1s, SNR=30		Lg	Lg	17 24 25.1	
ETOB	Tobarra	1.76 201	Pg	Pb	17 24 02.5 +0.9	
ETOB	2.2nm, 0.2s, SNR=7.9		Lg	Lg	17 24 24.8	
EIBI	Ibiza	2.05 127	Pn	Pn	17 24 03.5 0.0	
EIBI	2.8nm, 0.1s, SNR=17		Sn	Sn	17 24 27.6 -1.3	
ETRV	Los Montesinos	2.27 180	Lg	Lg	17 24 41.8	
EMIR	Miracle	2.36 46	Pn	Pn	17 24 09.4 +1.5	
EMIR	5.3nm, 0.2s, SNR=7.8		Sn	Sn	17 24 36.1 -0.5	
EMIR	7.0nm, 0.3s, SNR=4.0		Lg	Lg	17 24 45.6	
ECHI	Chisagues Biel	2.47 16	P	Pn	17 24 10.9 +1.4	
ECHI	1.3nm, 0.1s, SNR=4.0		Sn	Sn	17 24 41.8 +2.2	
ECHI	Chisagues Biel	2.47 16	P	Pn	17 24 12.1 +2.5	
ECHI	0.8nm, 0.1s, SNR=7.9		Pg	Pg	17 24 16.3 -0.8	
ECHI	0.7nm, 0.5s, SNR=7.9		Lg	Lg	17 24 47.9	
EMUR	La Murta	2.48 189	Lg	Lg	17 24 47.9	
CSOR	Sort	2.52 34	Pn	Pn	17 24 12.1 +2.0	
CSOR	1.1nm, 0.1s, SNR=23		Sn	Sn	17 24 39.5 -1.1	
CSOR	14nm, 0.4s, SNR=7.9		Lg	Lg	17 24 47.3	
ESDC	Soneca Array	2.55 257	Pn	Pn	17 24 11.2 +0.8	
ESDC	0.5nm, 0.2s, baz=77, slow=14, SNR=21		Pb	Pb	17 24 17.2 +2.1	
ESDC	4.8nm, 0.2s, baz=81, slow=18, SNR=14		Sn	Sn	17 24 41.8 +0.5	
ESDC	1.5nm, 0.1s, baz=77, slow=24, SNR=7.9		Lg	Lg	17 24 49.4	
EARA	Aranguren	2.56 346	Lg	Lg	17 24 49.8	

SESP	46nm, 0.4s, SNR=7.9	2.58 213	Pn	Pn	17 24 11.6 +0.6	
SESP	1.4nm, 0.2s, SNR=7.9		Pg	Pb	17 24 18.2 +2.5	
SESP	2.5nm, 0.2s, SNR=7.9		Sn	Sn	17 24 41.6 -0.7	
SESP	5.4nm, 0.3s, SNR=7.9		Lg	Lg	17 24 50.5	
ETSF	45nm, 0.6s, SNR=7.9	2.61 3	Pn	Pn	17 24 13.5 +2.2	
ETSF	Etsaut	2.61 3	Pg	Pg	17 24 20.6 +1.0	
ETSF	Etsaut		eSn	Sg	17 24 43.1 +0.4	
ETSF	37nm, 0.4s		eSg	Sg	17 24 54.8 +1.4	
ETSF	Etsaut	2.61 3	Pn	Pn	17 24 13.5 +2.2	
ETSF	Etsaut		Pg	Pg	17 24 20.6 +1.0	
ETSF	Etsaut		Sn	Sn	17 24 43.1 +0.4	
ETSF	Etsaut		Lg	Lg	17 24 54.8	
IZUN	Zunzarren	2.62 348	Pg	Pb	17 24 17.5 +1.2	
IZUN	1.6nm, 0.1s, SNR=7.9		Sn	Sn	17 24 44.1 +1.1	
IZUN	5.8nm, 0.3s, SNR=7.9		Lg	Lg	17 24 52.8	
IZUN	52nm, 0.5s, SNR=7.9		Pn	Pn	17 24 12.9 +1.3	
GUD	Guadarrama	2.62 279	Lg	Lg	17 24 42.3 -0.9	
GUD	1.8nm, 0.2s, SNR=16		Sn	Sn	17 24 42.3 -0.9	
GUD	4.8nm, 0.3s, SNR=6.3		Lg	Lg	17 24 50.1	
EORO	Oroz-Betelu	2.63 351	Pn	Pn	17 24 14.0 +2.4	
EORO	0.3nm, 0.1s, SNR=7.9		Pg	Pb	17 24 18.8 +2.3	
EORO	4.3nm, 0.2s, SNR=7.9		Sn	Sn	17 24 44.3 +1.0	
EORO	18nm, 0.3s, SNR=7.9		Lg	Lg	17 24 53.5	
EORO	101nm, 0.4s, SNR=7.9		Pn	Pn	17 24 13.8 +0.1	
ETOS	Mallorca	2.78 100	Pn	Pn	17 24 44.7 -2.3	
ETOS	0.5nm, 0.1s, SNR=7.9		Sn	Sn	17 24 44.7 -2.3	
ATE	4.9nm, 0.2s, SNR=7.9	2.79 1	P	Sn	17 24 15.2 +1.4	
ATE	Arette	2.79 1	Pn	Sn	17 24 48.1 +0.9	
ATE	0.6nm, 0.1s, SNR=7.9		Pg	Pb	17 24 15.5 +1.7	
ATE	3.1nm, 0.2s, SNR=7.9		Sn	Sn	17 24 21.7 +2.5	
ATE	18nm, 0.2s, SNR=7.9		Lg	Lg	17 24 48.0 +0.9	
ATE	29nm, 0.4s, SNR=7.9		Pn	Pn	17 24 59.4	
CFON	Fontmartina	2.82 58	Pn	Pn	17 24 16.0 +1.8	
CFON	2.3nm, 0.2s, SNR=9.1		Pg	Pg	17 24 23.0 -0.6	
CFON	6.9nm, 0.2s, SNR=7.9		Sn	Sn	17 24 47.2 -0.8	
CFON	14nm, 0.3s, SNR=4.0		Lg	Lg	17 25 01.1	
SJPF	Ste Jean	2.84 353	ePn	ePn	17 24 16.6 +2.1	
SJPF	Ste Jean	2.84 353	ePn	ePn	17 24 24.0 -0.1	
SJPF	Ste Jean		eSg	Sg	17 24 48.6 +0.2	
SJPF	119nm, 0.7s		Pn	Pn	17 25 00.7 -0.2	
SJPF	Ste Jean	2.84 353	Pn	Pn	17 24 16.6 +2.1	
SJPF	Ste Jean		Pg	Pg	17 24 24.0 -0.1	
SJPF	Ste Jean		Pn	Pn	17 24 48.6 +0.2	
SJPF	Ste Jean		Lg	Lg	17 25 00.7	
EPF	Esparrros	2.85 16	ePn	Pn	17 24 16.5 +1.8	
EPF	Esparrros	2.85 16	ePn	Pn	17 24 25.1 +0.8	
EPF	Esparrros		eSg	Sg	17 24 49.2 +0.4	
EPF	Esparrros		Lg	Lg	17 25 00.7	
PAB	San Pablo	2.87 256	Pn	Pn	17 24 15.8 +0.8	
PAB	2.7nm, 0.1s, SNR=7.9		Sn	Sn	17 24 48.4 -0.8	
PAB	3.1nm, 0.2s, SNR=7.9		Lg	Lg	17 24 58.1	
EALK	Alkurruntz	2.98 349	P	Sn	17 24 17.0 +0.6	
EALK	Alkurruntz		S	Sn	17 24 53.5 +1.6	
EALK	Alkurruntz	2.98 349	Pn	Pn	17 24 16.9 +0.5	
EALK	0.5nm, 0.2s, SNR=7.9		Pg	Pb	17 24 24.9 +2.4	
EALK	3.2nm, 0.2s, SNR=7.9		Sn	Sn	17 24 52.5 +0.5	
EALK	13nm, 0.3s, SNR=7.9		Lg	Lg	17 25 04.2	
ELLI	Llivia	2.99 42	Pn	Pn	17 24 18.5 +1.8	
ELLI	2.8nm, 0.2s, SNR=20		Sn	Sn	17 24 52.6 +0.3	
ELLI	1.9nm, 0.2s, SNR=7.9		Lg	Lg	17 25 03.9	
EQES	Oquesada	3.08 217	Pg	Pb	17 24 26.9 +2.8	
EQES	2.5nm, 0.4s, SNR=7.9		Sn	Sn	17 24 55.9 +1.5	
EQES	SNR=7.9		Lg	Lg	17 25 07.5	
URDF	Urds	3.15 2	S	Sn	17 25 07.8 +1.9	
FNEB	Nbias	3.37 38	P	Pn	17 24 24.4 +2.6	
EJON	La Jonquera	3.48 51	Pn	Pn	17 24 57.4 +2.1	
EJON	2.6nm, 0.2s, SNR=9.5		Sn	Sn	17 25 04.0 -0.2	
EJON	SNR=7.9		Lg	Lg	17 25 21.3	
SJAF	Saint Jean de	3.50 50	P	Pn	17 24 25.5 +2.0	
SJAF	Saint Jean de	3.50 50	P	Pn	17 24 25.3 +1.8	
SJAF	0.4nm, 0.1s, SNR=7.9		Pg	Pb	17 24 32.8 +1.5	
SJAF	1.6nm, 0.2s, SNR=7.9		Sn	Sn	17 25 05.8 +1.2	
SJAF	SNR=7.9		Lg	Lg	17 25 21.1	
ELAN	Lanestosa	3.56 326	Pn	Pn	17 24 26.3 +2.0	
ELAN	33nm, 0.6s, SNR=7.9		Lg	Lg	17 24 35.6 +3.3	
ELAN	0.5nm, 0.1s, SNR=7.9		Pg	Pb	17 24 35.6 +3.3	
ELAN	1.0nm, 0.2s, SNR=7.9		Sn	Sn	17 25 04.9 -1.3	
ELAN	4.8nm, 0.4s, SNR=7.9		Lg	Lg	17 25 22.0	
EADA	Adamuz	3.66 236	Pn	Pn	17 24 26.2 +0.5	
EADA	20nm, 0.3s, SNR=7.9		Sn	Sn	17 25 07.5 -1.1	
EADA	0.9nm, 0.1s, SNR=7.9		Lg	Lg	17 25 24.9	
EQUE	Quentar	3.73 215	Pn	Pn	17 24 28.9 +2.0	
EQUE	SNR=7.9		Pg	Pg	17 24 40.4 -0.8	
EQUE	1.4nm, 0.4s, SNR=7.9		Lg	Lg	17 25 28.1	
MTLF	Montlieu	3.77 35	ePn	Pn	17 24 29.0 +1.8	
MTLF	Montlieu	3.77 35	ePn	Pn	17 24 41.1 -0.7	
MTLF	Montlieu		eSg	Sg	17 25 10.0 -1.2	
MTLF	Montlieu		eSg</			

Table with columns: UZB, Uznbulak, 2.93 20 Pg, Pg, 17 37 22.7 +0.8, etc. Lists various stations and their coordinates.

IDC 19 17:42:54.6:3.2, 6.50S, 146.89E, h247km, 55km, mb2.8/3, mb1 2.9/5, mb1mx2.7/50, mbtmp3.2/9.5, Error ellipse: s-maj=130.0km x-min=36.9km az=90.0, Eastern New Guinea region

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

IDC 19 17:47:39.5:2.2, 36.17N, 171.20E, h85km, 20km, mb3.8/20, mb1 4.0/24, mb1mx3.7/67, mbtmp4.2/24, MS3.5/2, Ms1 3.5/2, ms1mx2.8/43, Error ellipse: s-maj=14.9km s-min=11.2km az=29.0

ISCJB 19 17:47:40.6:0.2, 36.26N, 171.36E, 0.03, h100km, mb4.2/42, Error ellipse: s-maj=3.6km s-min=2.8km az=149.2

NEIC 19 17:47:42.7:2.8, 36.30N, 171.17E, 0.08, h101km, 7km, mb4.5/51

MOS 19 17:47:42.7:1.0, 36.40N, 171.39E, h116km, mb4.8/17, Error ellipse: s-maj=6.7km s-min=4.3km az=93.3

NNC 19 17:47:43.1:2.0, 36.53N, 170.85E, h122km, 24km, mb4.0, mpv4.8, Error ellipse: s-maj=19.3km s-min=10.6km az=161.0

ISC 19 17:47:42.0:0.3, 36.32N, 171.27E, 0.04, h100km, n248, z=208/257, mb4.4/56, 22C-9D, Afghanistan-Tajikistan border region

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

Main table with columns: AAK, comp=E, 38nm, 0.5s, J S, S n, 17 50 35.4 +0.6, etc. Lists various stations and their coordinates.

Table with columns: ODAN, comp=Z, 45nm, 0.5s, e S, S n, 17 54 22.5 -12, etc. Lists various stations and their coordinates.

Table with columns: BZS, Station Name, Time, Res, SWSC, and other parameters. Includes stations like Buzias, Sumiainen, Taipa Grande, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SWSC, and other parameters. Includes stations like Lapu-Lapu, Tagbilaran, Sibulan, etc.

Table with columns: SWSC, Station Name, Time, Res, SWSC, and other parameters. Includes stations like Carlsbad, Los Min Camp, Blythe, etc.

ISCJB 19 17:52:08.0-0.8, 10:07N:0.03:124.18E:0.05, h18km, 7km, mb3.8/6, Error ellipse: s-maj=8.4km s-min=5.1km az=6.1, IDC 19 17:52:15.4-3.3, 9.77N:124.02E, h75km, 30km, mb3.8/6, mb1.9/9, mb1.9mx3.5/1, mbtmp4.1/3, MS3.1/1, ms1mx2.5/48, Error ellipse: s-maj=58.9km s-min=17.3km az=58.0, ISC 19 17:52:08.9-0.7, 10:09N:0.03:124.11E:0.05, h21km, 2km, n21, e234/31, mb3.9/6, 8C-3D, Leyte

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SHOC, KNB, OSI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MLAC, Q24A, Q24B, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like K22A, W39A, W39B, etc.

HBR Harrisburg	19.42	56	P	P	17 59 19.7	-3.2
HBR comp=Z,2um,1.3s					17 59 46.2	
J05D Fort Rock, OR	19.43	336	P	S	17 59 22.4	-0.7
J05D baz=149					18 03 12.0	+9.5
DLMT Dillon	19.44	355	P	P	17 59 21.3	-2.0
DLMT comp=Z,2um,1.6s					17 59 40.4	
L02E Cave Junction	19.49	329	P	P	17 59 22.3	-1.3
L02E baz=142					18 03 06.9	+3.5
CCIG Comitan	19.52	116	P	Pn	17 59 25.1	-0.5
CCIG comp=Z,2um,1.6s					17 59 43.5	
HUMO Hull Mountain	19.56	331	P	P	17 59 21.0	-3.4
PLID Pearl Lake	19.62	348	I	I	17 59 23.7	-1.6
PLID comp=Z,3um,1.9s					17 59 37.7	
BMO Blue Mountains	19.67	345	P	P	17 59 23.4	-2.3
BMO comp=Z,2um,1.9s					17 59 37.8	
BMO Blue Mountains	19.67	345	P	P	17 59 23.4	-2.3
BMO comp=Z,2um,1.9s					17 59 37.8	
LPAR Lepanto	19.70	56	P	P	17 59 23.9	-2.2
J04D Umpqua National	19.73	334	P	P	17 59 25.1	-1.4
J04D baz=147,SNR=22					18 03 14.8	+5.4
PINE Pine Mountain	19.76	337	P	P	17 59 23.2	-3.6
PINE comp=Z,3um,1.8s					17 59 42.6	
MET Memphis-Engin	19.80	58	P	P	17 59 23.8	-3.3
KBO Bosley Butte	19.82	328	I	I	17 59 25.0	-2.4
KBO comp=Z,2um,1.7s					17 59 39.4	
LRM Limekiln Ridge	19.89	356	P	P	17 59 28.2	-0.1
K02D Willamette Mer	19.94	330	P	P	17 59 27.9	-0.8
K02D baz=142					18 03 14.3	0.0
OXF Oxford	19.98	60	P	P	17 59 27.9	-1.2
OXF baz=251					18 03 14.1	+0.7
OXF Oxford	19.98	60	P	P	17 59 26.7	-2.4
OXF comp=Z,878nm,1.3s					18 00 01.6	
OXF Oxford	19.98	60	P	I	17 59 26.7	-2.4
OXF comp=Z,878nm,1.3s					18 00 01.6	
GNAR Gosnell	20.06	55	P	P	17 59 27.2	-2.7
GNAR comp=Z,2um,1.5s					17 59 54.9	
CCM Cathedral Cave	20.16	49	P	P	17 59 29.5	-1.5
CCM baz=239					18 03 13.9	-3.1
CCM Cathedral Cave	20.16	49	P	P	17 59 28.4	-2.6
CCM comp=Z,3um,1.9s					17 59 46.6	
CCM Cathedral Cave	20.16	49	I	I	17 59 28.4	-2.6
CCM comp=Z,312um,18.0s					18 07 43.4	
CCM Cathedral Cave	20.16	49	I	I	17 59 31.7	-0.9
CCM comp=Z,312um,18.0s					18 03 24.1	+0.9
CCM Tendick Farm	20.31	334	P	S	18 03 24.1	+0.9
CCM baz=147,SNR=51					17 59 34.9	-0.6
I05D Terrebonne, OR	20.38	337	P	Pn	17 59 34.9	-0.6
I05D baz=150					18 03 30.2	+5.3
KEBM Edson Butte	20.38	329	P	P	17 59 32.8	-0.6
KEBM comp=Z,390um,18.0s					18 07 16.9	
J01E Myrtle Point	20.43	331	P	P	17 59 33.4	-0.5
J01E baz=142,SNR=32					18 03 27.5	+1.6
PVMO Portageville	20.48	54	P	P	17 59 32.2	-2.3
PVMO comp=Z,2um,1.5s					18 07 46.5	
G08A Pilot Rock	20.49	342	P	P	17 59 31.7	-3.0
G08A comp=Z,2um,1.7s					17 59 49.7	
G08A Waverly	20.51	55	P	P	17 59 32.2	-2.6
LNXT Lenox	20.51	55	P	P	17 59 32.4	-2.8
HALT Halls	20.54	56	I	I	18 00 06.2	
HALT comp=Z,256um,18.0s					17 59 32.2	-3.0
PARMO Parma	20.55	54	P	I	18 00 00.1	
PARMO comp=Z,890nm,1.3s					18 07 47.9	
PARMO Penman	20.55	54	P	P	17 59 32.6	-2.6
PARMO comp=Z,445um,21.0s					18 00 00.5	
PENMO Penman	20.55	54	P	P	17 59 32.6	-2.6
PENMO comp=Z,2um,1.3s					18 07 48.9	
I03D Drain, OR	20.61	332	P	Pn	17 59 37.0	-1.1
I03D baz=145,SNR=23					18 03 30.4	+0.1
SUSD Miller	20.62	24	P	P	17 59 34.8	-1.2
SUSD baz=210					18 03 25.5	-0.6
SUSD Miller	20.62	24	P	P	17 59 31.9	-4.1
SUSD comp=Z,816nm,1.1s					17 59 51.0	
FVM French Village	20.68	50	P	P	17 59 33.4	-3.3
FVM comp=Z,3um,1.6s					18 07 13.2	
F10A Beach Ranch, E	20.71	346	P	P	17 59 34.7	-2.4
F10A comp=Z,2um,1.7s					18 08 10.5	
GLAT Glass	20.73	55	P	P	17 59 35.0	-2.2
GLAT comp=Z,328um,19.0s					18 00 02.1	
GLAT Glass	20.73	55	P	P	17 59 35.0	-2.2
GLAT comp=Z,2um,1.4s					18 07 54.6	
HRY Holter Researc	20.74	357	P	P	17 59 36.1	-1.3
HENM Henderson Moun	20.77	54	P	P	17 59 34.4	-3.3
HENM comp=Z,1um,1.3s					18 00 03.0	
HENM Hickman	20.88	55	P	P	17 59 35.7	-3.1
HICK comp=Z,370um,18.0s					18 08 06.7	
LAO LASA Array	20.95	8	P	P	17 59 37.8	-1.8
LAO baz=190					18 03 35.7	-2.7
LAO LASA Array	20.95	8	P	P	17 59 35.4	-4.1
LAO comp=Z,212um,18.0s					18 07 58.6	
ECSD EROS Data Cent	20.97	29	P	P	17 59 38.5	-1.2
ECSD baz=217					18 03 35.5	+2.6
ECSD EROS Data Cent	20.97	29	P	P	17 59 34.5	-5.2
ECSD EROS Data Cent	20.97	29	I	I	18 07 10.2	
H04A Detroit Lake	20.98	336	P	P	17 59 37.5	-2.4
H04A comp=Z,2um,1.5s					17 59 52.3	
MSO Missoula	21.02	353	P	P	17 59 39.1	-1.3

MSO baz=171					18 03 42.9	+2.7
MSO Missoula	21.02	353	P	P	17 59 36.1	-4.2
MSO comp=Z,906nm,1.3s					18 00 01.5	
MSO Lebanon	21.05	335	P	P	17 59 39.2	-1.5
H04D Lebanon	21.05	335	P	P	17 59 39.2	-1.5
H04D comp=Z,291um,18.0s					18 03 40.5	-0.4
UTMT University of	21.07	55	P	P	17 59 36.5	-4.4
TEIG Tepich	21.09	101	P	P	17 59 43.2	+2.0
TEIG comp=Z,36nm,0.9s,baz=110,slow=7.4,SNR=8.3					18 09 12.5	
TEIG Tepich	21.09	101	P	P	17 59 40.4	-0.8
TEIG comp=Z,89um,20.9s,baz=288,slow=40					17 59 40.6	-0.8
BRAL Brewton	21.11	70	P	P	17 59 40.5	-0.8
BRAL baz=262					18 03 41.5	-1.0
BRAL Brewton	21.11	70	P	P	17 59 40.1	-1.3
SLM Saint Louis	21.14	48	P	P	17 59 38.8	-2.8
SLM comp=Z,753nm,1.2s					17 59 57.0	
SLM Saint Louis	21.14	48	P	P	17 59 38.8	-2.8
SLM comp=Z,293um,18.0s					18 08 13.3	
I02D Swisshome	21.15	332	P	P	17 59 41.2	-0.4
I02D baz=144					18 03 43.2	-0.1
G05D Wamic, OR	21.16	338	P	P	17 59 40.9	-1.0
G05D baz=151,SNR=24					18 03 43.6	0.0
PLAL Pickwick Lake	21.18	60	P	P	17 59 39.7	-2.3
PLAL comp=Z,264um,18.0s					18 08 42.1	
SCIA State Center	21.28	37	P	P	17 59 43.3	+0.2
SCIA baz=227					18 03 39.3	+0.3
SCIA State Center	21.28	37	P	P	17 59 40.9	-2.1
SCIA comp=Z,296um,18.0s					18 08 26.6	
F07A Phinny Hill Vi	21.32	341	P	I	17 59 39.6	-3.8
F07A comp=Z,1um,1.5s					17 59 52.1	
COR Corvallis	21.33	334	P	P	17 59 40.5	-3.0
COR comp=Z,2um,1.4s					18 03 01.0	
COR Corvallis	21.33	334	P	P	17 59 40.5	-3.0
COR comp=Z,265um,18.0s					18 03 01.0	
S44A Carbondale	21.36	52	P	P	17 59 42.4	-1.6
S44A baz=243					18 03 40.8	0.0
LRAL Lakeview Retre	21.50	65	P	P	17 59 44.4	-1.1
LRAL baz=257					18 03 49.0	-2.9
LRAL Lakeview Retre	21.50	65	P	P	17 59 43.2	-2.3
LRAL comp=Z,1um,1.8s					18 09 25.2	
APG El Apazole	21.56	117	P	P	17 59 46.9	+0.3
APG comp=Z,28nm,1.1s,baz=301,slow=10.0,SNR=24					18 09 40.8	
E08A Dider Farm, El	21.63	344	P	P	17 59 43.8	-3.0
HAWA Hanford	21.66	343	I	I	17 59 44.8	-2.4
HAWA comp=Z,1um,1.5s					18 09 03.5	
WWT Waverly	21.76	57	P	P	17 59 46.8	-1.5
WWT baz=249					18 03 50.6	+2.0
WWT Waverly	21.76	57	P	P	17 59 46.0	-2.3
WWT comp=Z,740nm,1.4s					18 00 10.4	
WWT Waverly	21.76	57	P	P	17 59 46.0	-2.3
WWT comp=Z,206um,18.0s					18 00 10.4	
WWT Waverly	21.76	57	P	P	17 59 46.8	-1.5
WWT comp=Z,740nm,1.4s					18 08 46.2	
F05D White Salmon	21.78	339	P	P	17 59 46.3	-2.1
F05D baz=152,SNR=27					18 03 54.1	-4.2
X48A Hartsele	21.82	62	P	P	17 59 46.8	-2.1
X48A baz=254					18 03 50.4	+0.5
X48A Hartsele	21.82	62	P	P	17 59 45.9	-3.1
X48A comp=Z,254um,18.0s					18 09 06.3	
G03D McMinnville, O	21.83	335	P	P	17 59 48.0	-1.0
G03D baz=147					18 03 56.9	-2.8
N41A Harden Midland	21.88	43	P	P	17 59 47.3	-2.3
N41A baz=234					18 03 49.8	-1.1
N41A Harden Midland	21.88	43	P	P	17 59 45.5	-4.1
N41A comp=Z,284um,19.0s					18 08 40.8	
250A Grady	21.90	68	P	P	17 59 49.0	-0.8
250A baz=261					18 03 53.4	+2.0
250A Grady	21.90	68	P	P	17 59 47.9	-1.9
E07A Sunnyside	21.90	342	P	P	17 59 46.8	-2.9
E07A comp=Z,1um,1.5s					18 08 46.0	
JTMT Jette	21.96	353	P	P	17 59 47.1	-3.4
EGMT Eagleton	22.03	1	P	P	17 59 49.2	-0.9
EGMT baz=181					18 03 59.0	+5.2
EGMT Eagleton	22.03	1	P	P	17 59 46.7	-4.5
EGMT comp=Z,1um						

Table with columns for station ID, name, time, frequency, and other parameters. Includes stations like MDND Maddock, C06D Leavenworth, B08A Colville Reser, U49A Red Boiling Sp, etc.

Table with columns for station ID, name, time, frequency, and other parameters. Includes stations like V51A Loudon, T50A Nancy, Z53A Monticello, X52A Dahlonaga, Q48A North Vernon, etc.

Table with columns for station ID, name, time, frequency, and other parameters. Includes stations like W53A Hazlehurst, R50A Paris, R50A Rib Lake, G40A Rib Lake, etc.

W54A	baz=257	S	S	18 04 59.1 +1.6		
U53A	baz=257 Fall Branch	25.86	60	P	P	18 00 25.6 -2.8
U53A	baz=254	S	S	18 04 58.4 +0.7		
S52A	baz=254 Salysersville	25.87	56	P	P	18 00 27.6 -0.8
S52A	baz=251	S	S	18 05 01.9 +4.1		
357A	baz=251 Townsend	25.87	71	P	P	18 00 27.0 -1.4
357A	baz=266	S	S	18 05 07.1 +9.3		
Y55A	baz=266 Saluda	25.89	65	P	P	18 00 26.0 -2.6
Y55A	baz=260	S	S	18 05 02.2 +4.2		
O49A	baz=260 Covington	25.90	50	P	P	18 00 26.1 -2.6
O49A	baz=245	S	S	18 04 57.1 -1.1		
O49A	baz=245 Covington	25.90	50	P	P	18 00 25.9 -2.7
O49A	baz=245	S	S	18 11 04.5		
ESTN	comp=Z,234um,20.0s	25.92	115	P	P	18 00 27.5 -1.6
ESTN	Estel	18 01 03.8				
O59Z	comp=Z,830nm,1.5s	25.94	83	P	P	18 00 27.7 -1.4
O59Z	Ave Maria	18 05 11.7 +13				
H43A	baz=276 Windswept, Lux	25.97	39	P	P	18 00 30.8 +1.7
H43A	baz=232	S	S	18 04 59.2 +0.1		
H43A	baz=232 Windswept, Lux	25.97	39	P	P	18 00 27.4 -1.8
H43A	baz=232	S	S	18 09 25.7		
658A	comp=Z,135um,21.0s	25.97	76	P	P	18 00 28.6 -0.7
658A	Bunnell	18 05 10.9 +11				
658A	baz=270	S	S	18 00 27.4 -1.9		
658A	baz=270	P	P	18 00 55.1		
156A	comp=Z,855nm,1.4s	25.99	68	P	P	18 00 29.5 -0.1
156A	Sylvania	18 05 10.1 +10				
P50A	baz=263 Jamestown	26.04	52	P	P	18 00 27.3 -2.6
P50A	baz=247	S	S	18 04 59.7 -0.7		
T53A	baz=247 Wise	26.07	58	P	P	18 00 28.3 -1.9
T53A	baz=253	S	S	18 05 07.0 +6.0		
PAULI	baz=253 Pauline	26.09	63	P	P	18 00 27.2 -3.2
PAULI	baz=253	S	S	18 11 41.5		
K46A	comp=Z,251um,18.0s	26.14	44	P	P	18 00 32.7 +2.0
K46A	Dorr	18 04 59.1 -2.7				
Q51A	baz=238 Peebles	26.14	53	P	P	18 00 28.3 -2.5
Q51A	baz=248	S	S	18 05 02.0 0.0		
Q51A	baz=248 Peebles	26.14	53	P	P	18 00 28.3 -2.5
Q51A	baz=248	S	S	18 05 01.7		
Q51A	comp=Z,848nm,1.6s	IAMS_20	IAMS_20	18 11 10.2		
O59A	comp=Z,227um,18.0s	26.15	81	P	P	18 00 29.5 -1.5
O59A	Moore Haven	18 05 13.1 +11				
O59A	baz=275	S	S	18 00 29.4 -1.6		
O59A	Moore Haven	26.15	81	P	P	18 00 46.2
J45A	comp=Z,816nm,1.4s	26.17	42	P	P	18 00 33.1 +2.1
J45A	Montague	18 05 02.7 +0.4				
J45A	baz=236	S	S	18 00 27.7 -3.4		
J45A	Montague	26.17	42	P	P	18 00 29.0 -2.3
J45A	Williston	26.19	67	P	P	18 05 06.8 +4.0
Z56A	baz=262	S	S	18 00 29.0 -2.3		
Z56A	Williston	26.19	67	P	P	18 00 53.9
V54A	comp=Z,388nm,1.1s	26.20	61	P	P	18 00 29.8 -1.7
V54A	Nebo	18 05 08.3 +5.3				
M48A	baz=256 Edgerton	26.23	47	P	P	18 00 31.2 -0.4
M48A	baz=242	S	S	18 05 02.2 -1.1		
M48A	Edgerton	26.23	47	P	P	18 00 29.1 -2.4
M48A	baz=242	S	S	18 00 44.7		
M48A	comp=Z,1um,2.0s	IAMS_20	IAMS_20	18 11 12.9		
COWI	comp=Z,219um,19.0s	26.28	35	P	P	18 00 30.1 -2.0
COWI	Conover	18 11 40.0				
859A	comp=Z,216um,19.0s	26.31	79	P	P	18 00 30.8 -1.6
859A	Kempfer Cattle	18 05 17.9 +13				
257A	baz=273 Skidaway Islan	26.31	70	P	P	18 00 34.5 +2.1
257A	baz=265	S	S	18 05 16.5 +12		
257A	baz=265 Skidaway Islan	26.31	70	P	P	18 00 31.0 -1.4
257A	baz=265	S	S	18 00 48.2		
Y56A	comp=Z,781nm,1.5s	26.32	66	P	P	18 00 31.3 -1.2
Y56A	Pelion	18 05 15.4 +11				
N49A	baz=261 Columbus Grove	26.33	49	P	P	18 00 31.9 -0.5
N49A	baz=244	S	S	18 05 02.4 -2.5		
N49A	Columbus Grove	26.33	49	P	P	18 00 30.2 -2.3
N49A	baz=244	S	S	18 00 45.9		
N49A	comp=Z,1um,1.9s	IAMS_20	IAMS_20	18 11 25.6		
959A	comp=Z,251um,18.0s	26.35	80	P	P	18 00 31.9 -0.9
959A	Okeechobee	18 05 19.3 +14				
O50A	baz=274 Cable	26.38	51	P	P	18 00 35.3 +2.3
O50A	baz=246	S	S	18 05 18.3 +12		
R52A	baz=246 Cattlettsburg	26.41	55	P	P	18 00 33.0 -0.2
R52A	baz=250	S	S	18 05 18.6 +12		
157A	baz=250 Early Branch	26.41	68	P	P	18 00 34.3 +1.0
157A	baz=263	S	S	18 05 20.9 +15		
JSC	baz=263 Jenkinsville	26.44	65	P	P	18 00 31.1 -2.4
JSC	comp=Z,125nm,1.2s	pmx	pmx			
JSC	comp=Z,113um,18.0s	26.44	65	P	P	18 00 31.1 -2.4
JSC	Jenkinsville	18 12 03.7				
O61Z	comp=Z,113um,18.0s	26.47	84	P	P	18 00 33.5 -0.4
O61Z	Ochoppi	18 05 12.5 +5.0				
O61Z	baz=277	S	S	18 00 33.3 -0.6		
O61Z	U54A	26.49	60	P	P	18 00 32.1 -2.0
O61Z	U54A	26.49	60	P	P	18 05 16.5 +8.9
O61Z	U54A	26.49	60	P	P	18 00 31.2 -2.9

U54A	comp=Z,708nm,1.8s	26.49	29	P	P	18 00 50.1
EYMN	Ely	18 00 33.5 -0.4				
EYMN	baz=221	S	S	18 05 11.1 +3.8		
EYMN	Ely	26.49	29	P	P	18 00 31.5 -2.4
EYMN	comp=Z,552nm,1.7s	26.49	29	IAMS_20	IAMS_20	18 11 17.3
O62Z	Marathon	26.50	86	P	P	18 00 35.1 +1.0
O62Z	baz=279	S	S	18 05 20.3 +12		
P51A	Williamsport	26.52	53	P	P	18 00 32.0 -2.2
P51A	baz=248	S	S	18 05 16.7 +8.8		
P51A	Williamsport	26.52	53	P	P	18 00 31.8 -2.4
P51A	baz=248	S	S	18 11 32.1		
KM5C	comp=Z,295um,18.0s	26.55	63	P	P	18 00 31.2 -3.3
KM5C	Kings Mountain	18 05 15.4 +7.0				
KM5C	baz=258	S	S	18 00 33.0 -1.5		
KM5C	Kings Mountain	26.55	63	P	P	18 11 54.5
J46A	comp=Z,256um,18.0s	26.57	43	P	P	18 00 35.4 +0.7
J46A	Howard City	18 05 09.7 +0.9				
F42A	Maple Grove Fa	26.58	36	P	P	18 00 36.8 +2.1
F42A	Maple Grove Fa	26.58	36	P	P	18 00 35.0 +0.3
F42A	Maple Grove Fa	26.58	36	P	P	18 11 27.9
I45A	comp=Z,167um,18.0s	26.60	41	P	P	18 00 36.1 +1.2
I45A	Fountain	18 05 08.8 -0.3				
I45A	baz=235	S	S	18 00 32.2 -2.7		
I45A	Fountain	26.60	41	P	P	18 01 00.9
K47A	comp=Z,676nm,1.6s	26.62	45	P	P	18 00 37.0 +1.9
K47A	Vermontville	18 05 09.0 -0.5				
K47A	baz=240	S	S	18 00 34.4 -0.8		
L48A	N Adams	26.63	47	P	P	18 00 39.1 -0.6
L48A	baz=242	S	S	18 00 33.6 -2.0		
X56A	White Oak	26.66	64	P	P	18 05 12.9 +2.6
X56A	baz=260	S	S	18 00 36.8 +0.6		
U56A	Lac du Bonnet	26.70	21	P	P	18 05 24.4 +14
U56A	comp=Z,19nm,0.9s, baz=211, slow=9.6, SNR=14	S	S	18 08 43.5		
U56A	comp=Z,7.2nm,1.0s, baz=137, slow=20, SNR=1.7	Lg	Lg	18 10 02.5		
U56A	comp=Z,5.4nm,1.0s, baz=141, slow=13, SNR=1.9	LR	LR	18 00 34.1 -1.6		
U56A	comp=Z,46um,20.4s, baz=209, slow=34	LR	LR	18 00 34.1 -1.6		
U56A	Lac du Bonnet	26.70	21	P	P	18 00 34.1 -1.6
U56A	comp=Z,831nm,2.0s	26.70	21	P	P	18 01 01.3
U56A	Lac du Bonnet	26.70	21	P	P	18 00 39.1 +3.1
M49A	Liberty Center	26.71	48	P	P	18 05 09.9 -1.1
M49A	baz=243	S	S	18 00 36.0 -0.3		
O60Z	West Palm Beac	26.73	82	P	P	18 05 28.6 +17
O60Z	baz=276	S	S	18 00 34.3 -1.9		
Z57A	Bowman	26.74	67	P	P	18 05 14.2 +2.7
Z57A	baz=262	S	S	18 00 34.9 -1.9		
V55A	Taylorville	26.80	61	P	P	18 05 16.2 +3.7
V55A	baz=257	S	S	18 00 34.8 -2.0		
V55A	Taylorville	26.80	61	P	P	18 01 01.6
V55A	comp=Z,461nm,1.6s	IAMS_20	IAMS_20	18 11 48.1		
T54A	comp=Z,156um,20.0s	26.82	59	P	P	18 00 35.3 -3.6
T54A	Tazewell	18 05 16.9 +3.9				
T54A	baz=254	S	S	18 00 36.6 -0.7		
O60A	Indiantown	26.84	81	P	P	18 05 21.6 +8.3
O60A	baz=275	S	S	18 00 36.2 -1.1		
O60A	Indiantown	26.84	81	P	P	18 00 40.0 +2.7
O60A	Alum Creek Sta	26.86	51	P	P	18 05 14.5 +1.1
O60A	Alum Creek Sta	26.86	51	P	P	18 00 35.0 -2.4
O60A	comp=Z,1um,1.9s	IAMS_20	IAMS_20	18 11 42.9		
Q52A	comp=Z,248um,18.0s	26.90	54	P	P	18 00 35.4 -2.3
Q52A	Gidwell	18 05 17.5 +3.5				
R53A	baz=250 Hurricane	26.92	56	P	P	18 00 38.9 +1.1
R53A	baz=251	S	S	18 05 16.1 +1.8		
R53A	Hurricane	26.92	56	P	P	18 00 37.1 -0.7
R53A	comp=Z,622nm,1.6s	IAMS_20	IAMS_20	18 11 38.0		
R53A	comp=Z,298um,21.0s	26.97	50	P	P	18 00 36.0 -2.3
N50A	Nevada	26.97	50	P	P	18 05 19.9 +0.9
N50A	baz=245	S	S	18 00 40.3 +1.6		
I46A	Reed City	27.02	42	P	P	18 05 15.3 -0.5
I46A	baz=237	S	S	18 00 40.4 +1.6		
J47A	Summer	27.03	44	P	P	18 00 37.4 -1.4
J47A	comp=Z,384nm,1.4s	IAMS_20	IAMS_20	18 10 52.0		
H45A	comp=Z,116um,19.0s	27.05	40	P	P	18 00 41.4 +2.4
H45A	Beulah	18 05 16.6 +0.4				
U55A	TA2, Sparta	27.09	60	P	P	18 00 37.7 -1.8
U55A	baz=256	S	S	18 05 19.3 +2.1		
158A	Hollywood	27.09	68	P	P	18 00 39.0 -0.4
158A	baz=264	S	S	18 05 24.3 +7.3		
O51A	Pataskala	27.09	52	P	P	18 00 38.5 -0.9
O51A	baz=247	S	S	18 05 17.7 +1.6		
Y57A	Sumter	27.10	66	P	P	18 00 37.9 -1.6
Y57A	baz=261	S	S	18 05 22.2 +5.0		
Y57A	Sumter	27.10	66	P	P	18 00 38.1 -1.5
Y57A	comp=Z,806nm,1.6s	IAMS_20	IAMS_20	18 12 27.4		
RGRS	Roger Stewart	27.11	68	P	P	18 00 35.9 -3.7
L49A	Milan	27.14	47	P	P	18 00 43.8 +4.0

L49A	baz=242
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R59A	baz=256	S	S	18 06 12.9 +1.8	N58A	Sunbury	31.55	53	P	Iamb	P	Iamb	18 01 14.4 -4.5	PLVO	baz=246	S	S	18 06 49.8 +3.4					
T60A	baz=256	30.60	60	P	P	18 01 08.7 -1.9	J55A	Hilton	31.61	49	P	S	18 01 22.1 +2.7	PLVO	baz=246	32.80	46	P	Iamb	P	Iamb	18 01 26.2 -3.6	
T60A	baz=259	S	S	18 06 18.2 +6.0	J55A	baz=248	S	S	18 01 22.6 +0.8	PLVO	comp=Z,648nm,1.7s	IAMs_20	IAMs_20	18 15 04.8	PAYG	comp=Z,158µm,19.0s	32.82	141	P	Iamb	P	Iamb	18 01 30.0 -0.4
T60A	baz=259	30.60	60	P	Iamb	18 01 07.7 -2.9	J55A	Hilton	31.61	49	P	Iamb	P	Iamb	18 01 18.4 -1.0	PAYG	comp=Z,601nm,1.9s	32.82	42	S	S	18 01 34.3 +0.8	
SSPA	comp=Z,658nm,1.9s	30.64	53	P	P	18 01 08.9 -2.0	J55A	comp=Z,465nm,1.5s	IAMs_20	IAMs_20	18 13 56.4	D52A	ZEK Kipawa Sen	32.82	42	S	S	18 06 47.1 +0.3					
SSPA	baz=252	S	S	18 06 12.3 -0.4	H53A	Bobcaygeon	31.63	46	P	P	18 01 21.5 +1.9	J57A	Williamstown	32.89	49	P	P	18 01 33.9 +3.1					
SSPA	Standing Stone	30.64	53	P	P	18 01 07.9 -3.1	H53A	baz=245	S	S	18 06 28.5 +0.3	J57A	Williamstown	32.89	49	P	P	18 01 34.3 +0.8					
I53A	baz=245	S	S	18 06 13.8 +0.9	Q60A	Greensboro	31.70	57	P	S	18 01 24.5 +4.3	J57A	Williamstown	32.89	49	P	Iamb	P	Iamb	18 01 27.9 -2.8			
STCO	Saint Catharin	30.68	48	P	P	18 01 13.3 +2.2	Q60A	baz=256	S	S	18 06 30.9 +1.6	J57A	Williamstown	32.89	49	P	Iamb	P	Iamb	18 14 45.5			
STCO	baz=246	S	S	18 06 12.6 -0.6	Q60A	Greensboro	31.70	57	P	P	18 01 19.4 -0.9	K58A	Earlville	32.91	51	P	P	18 01 24.7 +3.3					
U61A	Possum Corner	30.68	62	P	P	18 01 14.1 +2.8	F52A	Sundridge	31.71	43	P	P	18 01 22.6 +2.3	K58A	baz=251	S	S	18 06 50.4 +2.1					
U61A	baz=260	S	S	18 06 18.9 +5.5	F52A	baz=242	S	S	18 06 30.7 +1.3	K58A	Earlville	32.91	51	P	P	18 01 27.8 -3.1							
U61A	Possum Corner	30.68	62	IAMs_20	IAMs_20	18 14 30.8	K56A	Middlesex	31.73	50	P	P	18 01 24.6 +4.0	O61A	Earlton	32.93	56	P	P	18 01 32.5 +1.5			
O57A	Amberson	30.69	54	P	P	18 01 08.3 -3.1	K56A	baz=249	S	S	18 06 29.9 0.0	O61A	Earlton	32.93	56	P	P	18 01 32.5 +1.5					
O57A	baz=253	S	S	18 06 12.8 -0.8	O59A	Robsonia	31.78	55	P	P	18 01 23.3 +2.3	PEMO	baz=245	S	S	18 06 49.7 +0.9							
M56A	Emporium	30.71	52	P	P	18 01 13.4 +1.8	O59A	baz=254	S	S	18 06 31.6 +0.9	E53A	Dumoine, Ponti	33.00	43	P	P	18 01 34.7 +3.0					
M56A	baz=250	S	S	18 06 13.9 0.0	L57A	Andrews Acres	31.82	51	P	P	18 01 25.2 +3.8	E53A	baz=243	S	S	18 06 52.6 +3.0							
M56A	Emporium	30.71	52	P	Iamb	18 01 09.9 -1.6	L57A	baz=251	S	S	18 06 32.0 +0.7	BRNJ	Basking Ridge	33.07	55	P	P	18 01 29.0 -3.2					
TORO	comp=Z,353nm,1.6s	30.73	47	P	P	18 01 13.7 +2.1	DIB	Dawson Inlet,	31.84	335	P	Iamb	Iamb	18 01 19.4 -1.9	BRNJ	Calabogie	33.12	46	P	P	18 01 36.7 +4.1		
TORO	baz=245	S	S	18 06 15.4 +1.4	DIB	comp=Z,286nm,1.6s	G53A	Haliburton	31.84	45	P	P	18 01 24.8 +3.3	G55A	baz=246	S	S	18 06 53.6 +2.3					
P58A	Pank, Wackersv	30.73	56	P	P	18 01 14.5 +2.7	G53A	baz=244	S	S	18 06 30.6 -0.9	ODNJ	Ogdenburg	33.15	54	P	P	18 01 29.6 -3.4					
P58A	baz=254	S	S	18 06 14.6 +0.4	M58A	Price's Panora	31.89	53	P	P	18 01 24.8 +2.8	H56A	Eight	33.15	47	P	P	18 01 36.4 +3.4					
WVNY	West Valley, N	30.75	50	P	Iamb	18 01 10.2 -1.7	M58A	baz=252	S	S	18 06 31.1 -1.3	L59A	Walton	33.16	52	P	P	18 01 34.4 +1.3					
WVNY	comp=Z,588nm,1.4s	30.76	49	P	P	18 01 14.1 +2.1	R61A	Willards	31.93	59	P	P	18 01 25.7 +3.4	L59A	baz=252	S	S	18 06 51.5 -0.6					
K54A	Basiliko Farm,	30.76	49	P	P	18 01 14.1 +2.1	R61A	Willards	31.93	59	P	Iamb	Iamb	18 02 09.4	L59A	Walton	33.16	52	P	P	18 01 30.8 -2.3		
K54A	baz=248	S	S	18 06 13.9 -0.8	R61A	comp=Z,339nm,1.1s	IAMs_20	IAMs_20	18 14 54.8	M60A	Port Jervis	33.20	53	P	P	18 01 35.6 +2.2							
L55A	Hinsdale	30.78	50	P	P	18 01 14.8 +2.6	E51A	comp=Z,118µm,20.0s	31.96	42	P	P	18 01 25.8 +3.3	M60A	baz=254	S	S	18 06 58.8 +6.1					
L55A	baz=249	S	S	18 06 15.4 +0.4	E51A	G1948 Merrick	31.96	42	P	P	18 01 25.8 +3.3	N61A	South Mountain	33.28	55	P	P	18 01 38.0 +3.8					
S60A	Water View	30.78	59	P	P	18 01 14.7 +2.5	E51A	baz=241	S	S	18 06 32.7 -0.6	N61A	baz=255	S	S	18 06 54.6 +0.6							
H52A	Wyevale	30.82	45	P	P	18 01 10.8 -1.7	P60A	Greenville	32.05	56	P	P	18 01 26.7 +3.4	D53A	Lac Vacive, Po	33.30	42	P	P	18 01 38.3 +0.6			
H52A	baz=243	S	S	18 06 16.7 +1.2	P60A	baz=255	S	S	18 06 34.6 -0.3	D53A	baz=242	S	S	18 06 56.2 +2.0									
N57A	Milroy	30.92	53	P	P	18 01 14.4 +1.0	P60A	Greenville	32.05	56	P	Iamb	Iamb	18 01 21.1 -2.3	D53A	Lac Vacive, Po	33.30	42	P	P	18 01 28.5 -5.7		
N57A	baz=252	S	S	18 06 16.7 -0.5	P60A	baz=255	S	S	18 01 36.9	D53A	comp=Z,488nm,1.7s	IAMs_20	IAMs_20	18 15 38.2									
V62A	Hyde County Ai	30.94	64	IAMs_20	IAMs_20	18 14 38.0	Q61A	comp=Z,550nm,1.9s	32.06	58	P	P	18 01 25.3 +1.9	D53A	comp=Z,185µm,18.0s	33.31	48	P	P	18 01 37.1 +2.7			
KLBO	Killbear Provi	30.95	44	P	P	18 01 14.4 +0.8	O61A	baz=257	S	S	18 06 37.6 +2.7	I57A	Carthage	33.31	48	P	P	18 01 37.1 +2.7					
KLBO	baz=242	S	S	18 06 18.8 +1.3	D50A	G1974 Best Tow	32.07	41	P	P	18 01 26.8 +3.3	I57A	baz=249	S	S	18 06 54.3 -0.1							
R60A	Leonardtown, M	30.96	58	P	P	18 01 15.2 +1.4	D50A	baz=240	S	S	18 06 38.2 +3.2	E54A	Lac Duplat, Po	33.32	44	P	P	18 01 35.0 +0.6					
Q59A	Harwood	31.05	57	P	P	18 01 15.9 +1.4	I55A	Frankford	32.07	47	P	P	18 01 25.5 +2.1	E54A	baz=244	S	S	18 06 54.4 -0.1					
Q59A	baz=256	S	S	18 06 24.9 +5.7	I55A	baz=246	S	S	18 06 36.7 +1.7	J58A	Renssen	33.36	50	P	P	18 01 35.4 +0.6							
SDMD	Soldier's Deli	31.05	56	P	IAMs_20	18 14 12.3	PSUB	Penn St. - Bra	32.22	56	P	P	18 01 23.2 -1.6	J58A	baz=250	S	S	18 06 53.8 -1.5					
SDMD	comp=Z,129µm,18.0s	31.06	48	P	P	18 01 15.9 +1.3	DELO	Deloro Mine	32.23	47	P	P	18 01 28.9 +4.0	J58A	baz=250	S	S	18 06 53.8 -1.5					
J54A	Appleton	31.06	48	P	P	18 01 18.8 -0.4	DELO	Deloro Mine	32.23	47	P	Iamb	Iamb	18 01 22.1 -2.8	J58A	baz=250	S	S	18 06 53.8 -1.5				
J54A	baz=247	S	S	18 01 11.8 -2.8	DELO	comp=Z,451nm,1.8s	IAMs_20	IAMs_20	18 14 56.8	BCIP	comp=Z,526nm,20.0s	33.43	114	P	P	18 01 32.5 -3.2							
J54A	Appleton	31.06	48	P	Iamb	18 01 11.8 -2.8	DELO	comp=Z,195µm,19.0s	32.24	45	P	P	18 01 26.7 +1.7	BCIP	comp=Z,526nm,1.8s	33.47	51	P	P	18 01 37.8 +1.9			
J54A	comp=Z,308nm,1.4s	IAMs_20	IAMs_20	18 13 25.8	BANO	Bancroft	32.24	45	P	P	18 01 26.7 +1.7	BCIP	baz=252	S	S	18 06 56.7 -0.3							
MEDO	Medina	31.14	48	P	P	18 01 17.4 +2.1	BANO	baz=245	S	S	18 06 37.9 +0.2	BCIP	comp=Z,459µm,20.0s	33.43	114	P	Iamb	Iamb	18 01 48.0				
MEDO	baz=247	S	S	18 06 20.4 0.0	N59A	State Game Lan	32.26	54	P	P	18 01 28.1 +2.9	K59A	Cooperstown	33.47	51	P	P	18 01 37.8 +1.9					
MEDO	Medina	31.14	48	P	Iamb	18 01 11.5 -3.8	N59A	baz=253	S	S	18 06 38.6 +0.5	K59A	baz=252	S	S	18 06 56.7 -0.3							
MEDO	Medina	31.14	48	P	Iamb	18 01 27.6	N59A	State Game Lan	32.26	54	P	Iamb	Iamb	18 01 21.1 -4.1	CPNY	Central Park	33.54	55	P	Iamb	Iamb	18 01 33.0 -3.4	
MEDO	comp=Z,324nm,1.5s	IAMs_20	IAMs_20	18 13 17.9	N59A	baz=253	S	S	18 01 39.8	CPNY	comp=Z,669nm,1.9s	IAMs_20	IAMs_20	18 15 33.9									
E50A	Wahnapiite	31.16	41	P	P	18 01 17.3 +1.9	J56A	Wolcott	32.26	49	P	P	18 01 28.4 +3.3	CPNY	comp=Z,230µm,22.0s	33.59	45	P	P	18 01 39.7 +3.0			
E50A	baz=239	S	S	18 06 19.7 -1.1	J56A	baz=249	S	S	18 06 37.8 -0.1	F55A	Otter Lake	33.59	45	P	P	18 01 39.7 +3.0							
O58A	Lewisberry	31.18	55	P	P	18 01 17.9 +2.1	J56A	Wolcott	32.26	49	P	IAMs_20	IAMs_20	18 14 25.8	F55A	baz=246	S	S	18 07 00.6 +2.0				
O58A	baz=254	S	S	18 06 20.9 -0.4	J56A	comp=Z,129µm,18.0s	32.30	50	P	P	18 01 20.9 -4.3	PAL	Palisades	33.64	54	P	P	18 01 39.4 +2.2					
K55A	Perry	31.23	49	P	P	18 01 18.5 +2.4	K57A	Scipio Center	32.30	50	P	P	18 01 28.4 +2.8	PAL	baz=255	S	S	18 06 59.6 +0.2					
K55A	baz=248	S	S	18 06 22.7 +0.6	G54A	Lake Saint Pet	32.30	45	P	P	18 01 28.2 +2.6	PAL	Palisades	33.64	54	P	P	18 01 33.0 -4.2					
DRWO	Darlington Wes	31.24	47	P	P	18 01 20.2 +4.1	G54A	baz=244	S	S	18 06 39.7 +1.0	PAL	comp=Z,712nm,1.7s	MLR	MLR								
MTDJ	Mount Denham	31.31	98	P	Iamb	18 01 14.3 -2.9	D51A	Lot 18 Range I	32.30	41	P	P	18 01 28.8 +3.3	PAL	comp=Z,286µm,18.0s	33.64	54	P	P	18 01 33.0 -4.2			
MTDJ	comp=Z,322nm,1.4s	IAMs_20	IAMs_20	18 13 39.5	E52A	Mattawa	32.35	43	P	P	18 01 28.7 +2.8	L60A	Shokan	33.68	52	P	P	18 01 40.8 +3.2					
MMNY	Mt. Morris Dam	31.34	49	P	P	18 01 13.9 -3.2	E52A	baz=242	S	S	18 06 40.1 +1.4	H57A	Richville	33.68	48	P	P	18 07 01.5 +1.3					
MMNY	comp=Z,236µm,20.0s	31.36	45	P	P	18 01 19.2 +2.0	E52A	baz=242	S	S	18 06 42.9 +3.6	H57A											

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BZS, KSRS, KSAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SIM, MLZ, WHZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPUB, UZB, QZH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KNMB Chin-men Tao, JIRB Irabujima, QZH Zanzhou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, etc.

ISC/JB 19:50:45.0, 0.7, 34.74N, 0.04:25.13E, 0.02, h10km, 3km, mb3.4/6, Error ellipse: s-maj=6.2km s-min=3.1km az=178.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AOS Anlonissos, KULA Kula-Manisa, AGG Agios Georgios, etc.

ISC/JB 19:52:05.0, 0.6, 34.92N, 0.05:72.66E, 0.08, h10km, Error ellipse: s-maj=11.3km s-min=5.1km az=149.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, KK31 Karakoram Array, etc.

ISC/JB 19:55:37.4, 0.8, 10.9S, 0.1:66.6E, 0.1, h10km, mb3.9/10, Error ellipse: s-maj=23.9km s-min=10.9km az=38.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08N3 Diego Garcia H, H08N1 Diego Garcia H, H08N2 Diego Garcia H, etc.

ISC/JB 19:18:08:09.8, 1.1, 10.05N, 0.03:124.30E, 0.04, h10km, 7km, mb4.1/10, Error ellipse: s-maj=7.4km s-min=4.2km az=177.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LLP Lapu-Lapu, LLP Lapu-Lapu, TBP Tagbilaran, etc.

ISC 19:18:08:11.7, 1.4, 10.04N, 0.03:124.23E, 0.05, h10km, 9km, n31, c19742, mb4.2/10, 7C-4D, Leyte

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

Table with columns: SBA, Scott Base, 32.33 165, P, Iamb, P, 20 13 31.9 +0.9, 20 13 34.9. Includes stations like BFZ Birch Farm, MTN Monte Dam, QSPA South Poi Qui, etc.

IDC 19 20:10:36.0s.1.16.193S:178.70W,h528km,56km,mb3.1/6, mb1 3.57, mb1mx3.0/43, mbtmp4.1/7, Error ellipse: s-maj=105.3km s-min=20.7km az=150.0, ISCJB 19 20:10:37.3s.1.4.16.8S:0.9:178.9W:0.5, h550km,mb3.5/6, Error ellipse: s-maj=129.5km s-min=15.8km az=151.4, ISC 19 20:10:38.0s.1.5.16.9S:0.9:178.8W:0.5, h550km,n7, az=047/9,mb3.6/6,Filij Islands region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Waramunga Arr, etc.

NCECD 19 20:17:19.8z.2.1.39:398N:0:010:123:27W:0:01, h5km,6km,ML3.1, ANF 19 20:17:19.7z.1.0.39:37N:123:32W:h12km,6km,ML3.2/10, Error ellipse: s-maj=7.7km s-min=4.2km az=166.0, NEIC 19 20:17:20.1z.1.4.39:39N:0:02:123:30W:0.03,h14km,3km, ISC 19 20:17:19.7z.1.0.39:38N:0:02:123:31W:0.02,h19km,9km,n101,az081/112,Near coast of northern California

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, s, ISC. Includes stations like GTC Three Chop Rid, GNAM Navaro Ridge, KCPM Cahto Peak, etc.

Table with columns: M02C, baz=189,SNR=75, P, P, 20 17 56.8 +0.2, 20 17 55.6 +0.8. Includes stations like ASMM Slate Mountain, MHBS New Hope Dam, DONR Donner Summit, etc.

IDC 19 20:40:39.2s.0.5.10:02N:124:09E,h0km,mb4.3/24, mb1 4.4/27, mb1mx4.4/37, mbtmp4.4/27,ML4.5,MS4.5/22, Ms1 4.5/22, ms1mx4.2/49, Error ellipse: s-maj=17.4km s-min=10.1km az=84.0, BUI 19 20:40:40.3s.0.10:18N:124:32E,h9km,mb4.6/50, mb5.1/36,MS4.7/35,MS7 4.5/34, MAN 19 20:40:41.0:10:03N:124:24E,h5km,MS5.1, MAN Intensity IV - Lapu-Lapu City; Intensity II - Iloilo City, ISCJB 19 20:40:41.6s.0.6.10:08N:0:02:124:28E:0.03,h22km,4km, mb4.8/90,MS4.5/34, Error ellipse: s-maj=4.6km s-min=2.9km az=168.4, NEIC 19 20:40:41.2s.0.8.10:08N:0:07:124:22E:0.08,h10km,1km, mb4.9/76, GCMT 19 20:40:42.0s.0.15:01N:102:124:40E:0.04,h16km,2km, MW5.3/82, Moment Tensor Solution. s1,c14; s2,c113; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mn:0.43z.09; Mw:0.80z.05; Mo:0.36z.06; Ms:0.43z.12; Mv:0.18z.03; Mz:0.64z.20; Best double couple: Mv1.03500x10^17 Np1.300.000000, d73.000000, 1.300.000000. NP2:0.49.000000, d43.000000, 1.26.000000. Principal axes: T:1.370,Plg47.000000; Azm251.000000; N -0.2040,Plg38.000000; Azm106.000000; P -0.9330,Plg18.000000; Azm1.000000; nst1 refers to body waves, cutoff=50s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function, MOS 19 20:40:42.1s.10:03N:124:15E,h38km,mb5.1/15 Error ellipse: s-maj=9.8km s-min=5.4km az=107.5, KLM 19 20:40:44.0:10:146N:124:66E,h62km,mb5.1, DJA 19 20:40:47.3z.0.7.10:N3z:12.4Ez,h36km,6km, M4.8/60, mb5.0/60,mb5.4/32,MB(MB)4.8/32, ISC 19 20:40:42.5s.0.7.10:03N:0:02:124:22E:0.03,h16km,4km, n339,az197/2345,mb4.8/103,MS4.5/34,15C-20D,Leyte

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, h, s, ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbiliran, TNP Sibulan, etc.

Table with columns: QZH, comp=Z,2.2um,21.1s, LR, LR. Includes stations like BKSJ Bulukumba, STKI Sintang, KSM Kuching, etc.

19d 20h

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

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

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MA2, MA2, ZAAO, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like APSI Ampana, SANI Sanana, SUI Sorong, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like GYA comp=Z,90nm,5.1s, GYA comp=Z,470nm,12.1s, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like CD2 CD2, CD2 comp=Z,60nm,1.0s, MAJO Matushiro, etc.

19d 21h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ULN Ulanbaatar, PKI Pulchoki, SONM Sogingio Array, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like NIL Nilore, NRN Naryn, BOOM Boomskeo ush, etc.

992

Table with columns for station name, frequency, power, and signal strength. Includes stations like BCAR Beaver Creek A, ARCES ARCESS Array B, BR131 Keskin Array S, etc.

SJA 19:21:43:34:0.9,23:10S:68:39W, h115km, 6km, MLL3.4, MW3.5

GUC 19:21:43:36:0.0,6.23:05S:68:58W, h125km, 6km, MLL3.5

ISO 19:21:43:35:2.7,23:08S:0:08:68:4W:0.1, h121km, 14km, n20, <050/29, Northern Chile

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like LVC Limon Verde, PB15 IPOC Station P, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PDSI Chiang Mai, CHTO Chiang Mai, PSI Prapat, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KSH comp=Z.61nm,8.5s, KSH comp=Z.61nm,8.2s, KDJ Kajisay, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like M0.98t:04, M0.116t:02, M0.103t:04, Best double couple, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA, CISI, LEM, TPI, XMAS, DLV, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CISI, LEM, TPI, XMAS, DLV, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, SBA, TLY, BOD, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COLD, BARN, GSPA, PCA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CIS, MDPB, PAHR, YERR, etc.

Table with columns: BRG, Berggiesshubel, 125.19 331 e(P), PKPdf, 23 08 52.2 0.0, etc. Includes stations like BRG, CLL, WRA, FIAO, etc.

Table with columns: JOHN, Johnston Islan, 46.44 106 P, P, 22 59 54.9 0.0, etc. Includes stations like MCARA, BCAR, BALM, etc.

Table with columns: HLK, Haleakala, 76.81 71 P, P, 23 04 54.0 -0.4, etc. Includes stations like SPAO, FINES, LIT, etc.

Table with columns: IDC 19 22:51:25.8-1.6, 39.94N;144.00E, h0km, mb3.8/6, etc. Includes stations like ERM, ASAJ, MAJ, etc.

IDC 19 22:53:00.6-1.3, 10.04N;124.24E, h0km, mb4.1/5, mb1 4.2/5, mb1mx3.9/43, mbtmpr3.7/9, ML2.9/3, MS3.3/3, ms1mx2.9/55, Error ellipse: s-maj=55.3km s-min=22.2km az=67.0

ISC/JB 19 22:53:01.6-0.7, 10.10N;0.02-124.25E:0.03, h22km,4km, mb3.8/4, Error ellipse: s-maj=5.6km s-min=3.6km az=171.9

NEIC 19 22:53:01.3-1.4, 10.06N;0.02-124.19E:0.09, h10km,1km, mb4.7/34

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes stations like LLLP, TBP, SNPH, etc.

MDD 19 22:58:21.8-2.5, 38.49N;13.10W, h0km, mb3.5/7, Error ellipse: s-maj=22.9km s-min=16.8km az=64.0, PRXIMO INMG 19 22:58:22.3-1.3, 38.39N;13.62W, h10km, ML2.1, Error ellipse: s-maj=11.4km s-min=9.1km az=93.0

ISC 19 22:58:19.8-3.4, 38.54N;0.03-13.1W:0.2, h10km, n27, e207/50, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes stations like PTEO, PNCL, PMTG, etc.

IDC 19 23:08:46.9-2.7, 9.84S;154.53E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/27, mbtmpr3.7/8, Error ellipse: s-maj=79.4km s-min=22.2km az=105.0, D'Entrecasteaux Islands region

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

IDC 19 23:32:26.4-1.2, 26.16N;110.40W, h0km, mb3.9/4, mb1 4.0/8, mb1mx3.8/51, mbtmpr3.7/8, ML3.8/2, MS3.8/4, Ms1 3.8/4, ms1mx3.3/50, Error ellipse: s-maj=29.9km s-min=18.1km az=77.0

MEX 19 23:32:28.7-0.5, 26.21N;110.69W, h16km,13km, MD4.0, ISCB/JB 19 23:32:29.8-0.4, 26.24N;0.03-110.33W:0.03, h15km, mb3.8/4, MS3.8/4, Error ellipse: s-maj=5.3km s-min=3.2km az=27.9

NEIC 19 23:32:32.2-1.7, 26.31N;0.08-110.35W:0.08, h10km,1km, mb4.1/59

ISC 19 23:30:0.0-0.6, 26.24N;0.05-110.58W:0.06, h15km, n180, e2912/65, mb4.5/19, MS3.7/4, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes stations like GUYB, GRIG, SRIG, etc.

20d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HSIJ, HPIG, 319A, 214A, TUC, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMW, MFID, UALR, CCAR, YPP, WHAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kaweka Forest, Kurewara, West Tongariro, etc.

MAN 20 00:11:05.8, 10.06'N, 124.19'E, h6km, MS3.5, Leyte

NIED 20 00:11:00, 39.20'N, 142.40'E, h26km, Mw3.7 Best double couple: M=3.93000, 10.14 NP1=352.00000, 8.18.00000, lambda=124.00000, NPD=208.00000, 8.75.00000, lambda=79.00000

ISCJB 20 00:11:45.6, 1.2, 39.15'N, 0.04, 142.45'E, 0.08, h27km, 6km, mb3.5/4, Error ellipse: s-maj=10.9km s-min=6.6km az=110.0

JMA 20 00:11:46.8, 0.1, 39.20'N, 142.39'E, h31km, 1km, M3.7 IDC 20 00:11:51.3, 3.0, 39.13'N, 142.40'E, h67km, 26km, Ms3.2/4, mb1.3/4, mb1mx3.1/47, mbtmp3.5/6, MS2.9/1, Ms1.2/9/1, ms1mx2.4/23, Error ellipse: s-maj=47.1km s-min=18.4km az=98.0

ISC 20 00:11:47.2, 0.2, 39.18'N, 0.04, 142.3E, 0.1, h26km, 13km, n23, e154/26, mb3.6/4, Near east coast of eastern Honshu

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

ASAJ 20 00:13:02.2, +2.0, 1.2nm, 0.3s, baz=200, slow=12, SNR=5.4

KLR 0.4nm, 0.3s, baz=240, slow=33, SNR=3.6 KulDur 12.57 326 LR comp=Z, 49nm, 18.6s, baz=31, slow=37

H1N2 WAKE ISLAND Hy 28.72 125 T 00 48 04.7

H1N1 WAKE ISLAND Hy 28.73 125 T 00 48 06.5

H1N3 WAKE ISLAND Hy 28.74 125 T 00 48 04.6

H1S1 WAKE ISLAND Hy 29.51 127 T 00 49 02.5

H1S3 WAKE ISLAND Hy 29.51 127 T 00 49 05.4

H1S2 WAKE ISLAND Hy 29.53 127 T 00 49 02.1

ZALV Zalesovo Beam 41.03 311 P 00 19 28.5 0.0

MKAR Makanchi Array 43.61 300 P 00 19 48.4 -1.4

BVAR Borovoye Array 49.67 311 P 00 20 37.3 +0.2

WRA Warramunga Arr 59.28 189 P 00 21 45.7 -1.4

IDC 20 00:11:52.3, 1.6, 3.31'N, 121.48'E, h0km, mb3.5/3, mb1.3/3, mb1mx3.3/45, mbtmp3.5/3, Error ellipse: s-maj=27.2km s-min=25.0km az=51.0, Celebes Sea

WRA Warramunga Arr 26.33 152 P 00 17 29.6 -0.5

ASAR Alice Springs 29.42 156 P 00 17 58.2 +0.5

MKAR Makanchi Array 55.02 328 P 00 21 25.6 -0.1

IDC 20 00:22:56.4, 4.1, 5.40'S, 153.06'E, h0km, mb3.6/2, mb1.3/2, mb1mx3.4/32, mbtmp3.6/2, Error ellipse: s-maj=194.6km s-min=52.7km az=123.0, New Ireland region

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

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NEIC 20 00:23:06.5, 1.1, 63.33'N, 0.04, 149.51'W, 0.07, h103km, 7km

AEIC 20 00:23:06.1, 1.6, 63.33'N, 0.04, 149.50'W, 0.08, h96km, 6km, ML3.5, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RND, HUR, TRF, MCK, KTH, BWN, etc.

MOS 20 00:29:39.8, 0.8, 1.81'S, 100.48'E, h52km, mb4.8/31, Error ellipse: s-maj=13.1km s-min=6.2km az=107.9

ISCJB 20 00:29:41.6, 0.5, 1.89'S, 0.03, 100.39'E, 0.04, h68km, 3km, mb4.5/59, Error ellipse: s-maj=6.8km s-min=4.2km az=142.3

DJA 20 00:29:42.9, 0.3, 2.3'S, 101.0'E, h47km, 4km, M4.7/15, mb4.7/13, mb5.4/5, MLV4.7/15, M(W)M4.9/5

IDC 20 00:29:42.9, 0.5, 1.79'S, 100.57'E, h56km, 4km, mb4.0/24, mb1.4/25, mb1mx4.0/48, mbtmp3.2/25, MS3.5/6, Ms1.3/5/6, ms1mx3.0/48, Error ellipse: s-maj=15.1km s-min=9.6km az=58.0

KLM 20 00:29:42.0, 2.03'S, 100.35'E, h24km, mb4.6, mb4.6/65

NEIC 20 00:29:42.1, 1.3, 1.86'S, 0.07, 100.37'E, 0.06, h60km, 5km, mb4.6/65

ISC 20 00:29:42.3, 0.4, 1.89'S, 0.04, 100.32'E, 0.04, h58km, 3km, h57km, pP, n217, e127/224, mb4.6/69, MS3.6/6, 5C-3D,

Southern Sumatra

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CISI, TRIT, XMSI, SMRI, SEBU, etc.

20d Oh

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TARG Taragay, Kyrzy, CTAR Charters Tower, etc.

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Table with columns: PRGR, Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Permogore, TIKSI Tiksi, BOSA Boshof, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TAOE Nuku Hiva Island, ROSC El Rosal, etc.

MEX 00:29:48.2±0.3, 27.66k±105.91W, h20km, MD4.0, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HPIG Papa Nui, CGIG Cornudas Mount, etc.

ISCJB 20:00:35:54.0±0.4, 5.98S:107:16W, h10km, mb4.1/14, MS4.0/21, Error ellipse: s-maj=10.2km

NEIC 20:00:35:55.8±1.3, 6.05S:107:17W, h10km, mb4.5/135

IDC 20:00:35:55.6±0.9, 5.79S:107:01W, h0km, mb4.1/14, mb1.4/3/14, mb1mx4.2/29, mbmp4.1/14, MS4.1/19, MS1.4/1/19, ms1mx3.9/28, Error ellipse: s-maj=33.3km

GCMT 20:00:35:55.8±0.3, 6.20S:107:43W, h19km, mb4.1/14, MW4.9/95, Moment Tensor Solution, s29.c34, s95.c139, Duration: 0 Moment tensor: Scale: 1.01Nm, Mw:0.39±.13, Mw:1.42±.11, Mw:1.03±.10, Mw:0.28±.21, Mw:0.87±.09, Mw:0.88±.22, Best double couple: Ms3.26900±1016

NP1±13.00000°, δ81.00000°, λ-165.00000°. NP2: φ±280.00000°, δ75.00000°, λ-10.00000°. Principal axes: T: 3.3330, P1g4.0000°, Azm146.0000°; N-1-1330, P1g72.0000°, Azm44.0000°; P-3.2040, P1g18.0000°. Azm237.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20:00:35:55.8±0.6, 5.98S:107:17W, h10km, n184, φ±79.163, mb4.5/67, MS4.1/22, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PAYG Puerto Ayora, RPN Rapa Nui, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CCM Cathedral Cave, DUG Dugway, MCMC Marconi Center, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, MK32 Makanchi Array, OYO Alibek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHYU Hitachi, JHO Hitachi, JYT Yasato, etc.

20d 1h

Table with columns for station name, frequency, power, and signal quality. Includes stations like USRK, MDJ, LSA, and others.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like MAKZ, PRZ, KSH, and others.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like ARQ, AB31, ABKAR, and others.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Winterswijk, Long Myrd, Strehaia, Smolenice, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Karatay Array, Danning, Koldana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Serv Nac Est T, Raoul Island, etc.

ISCJB 20 04:05:38.1±0.5, 35°20'N, 0°08'74.4"E, 0.1, h36km, mb3.6/8, Error ellipse: s-maj=16.3km s-min=5.5km az=137.6

ISCJB 20 04:00:02.4±1.3, 12°8'N, 0°2'88.92"W, 0.06, h50km, mb3.7km, Error ellipse: s-maj=28.7km s-min=5.1km az=17.9

ISCJB 20 04:49:46.9±0.4, 35°31'N, 0°03'23.49"E, 0.04, h75km, 3km, mb3.6/9, Error ellipse: s-maj=6.4km s-min=3.6km az=40.8

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Z53A	Monticello	15.75	28	P	Pn	05 41 59.4 -0.3
PLAL	Pickwick Lake	15.87	12	P	Pn	05 41 59.6 -1.6
X34A	Smith Ranch, M	15.88	343		IAMB	05 42 01.4 0.0
X34A	Smith Ranch, M	15.88	343		IAMB	05 42 17.6
GOGA	Godfrey	15.91	28	P	Pn	05 42 02.9 +1.1
GOGA	Godfrey	15.91	28	P	Pn	05 42 00.2 -1.6
Z54A	Sparta	16.05	29	P	Pn	05 42 03.7 +0.1
Y52A	Libburn	16.05	25	P	Pn	05 42 04.9 +1.3
Y52A	Libburn	16.05	25	P	Pn	05 42 02.3 -1.3
Y52A	Libburn	16.05	25	P	Pn	05 42 07.2
FPAL	Fort Payne	16.10	20	Pn	Pn	05 42 01.8 -2.5
Y53A	Monroe	16.24	26	Pn	Pn	05 42 06.7 +0.7
WMOK	Wichita Mounta	16.29	340	P	Pn	05 42 08.9 +2.3
WMOK	Wichita Mounta	16.29	340	P	Pn	05 42 06.5 -0.1
WMOK	Wichita Mounta	16.29	340	P	IAMB	05 42 19.1
FCAR	Ozark Folk Cen	16.35	0	Pn	Pn	05 42 05.5 -1.9
FNO	Franklin	16.38	345	Pn	Pn	05 42 07.5 -0.4
W49A	Belvidere	16.44	17	P	Pn	05 42 09.0 +0.4
GNAR	Gosnell	16.54	6	Pn	Pn	05 42 09.0 -0.8
LCAR	Lake Charles	16.55	3	Pn	Pn	05 42 09.2 -0.8
SWET	Sewanee	16.63	18	Pn	Pn	05 42 10.4 -0.6
Y54A	Tignall	16.64	29	P	Pn	05 42 11.5 +0.4
TUL1	Leonard	16.68	350	P	Pn	05 42 13.2 +1.6
TUL1	Leonard	16.68	350	P	Pn	05 42 10.3 -1.3
X52A	Dahlonega	16.77	24	P	Pn	05 42 14.1 +1.3
W50A	Signal Mountai	16.80	20	Pn	Pn	05 42 12.8 -0.4
W50A	Signal Mountai	16.80	20	Pn	Pn	05 42 12.7 -0.5
HHAR	Hobbs	16.81	355	IAMB	IAMB	05 42 13.2 -0.1
HHAR	Hobbs	16.81	355	IAMB	IAMB	05 42 18.5
U40A	Yellville	16.83	358	P	P	05 42 16.6 +0.9
U40A	Yellville	16.83	358	P	Pn	05 42 12.9 -0.5
U40A	Yellville	16.83	358	P	IAMB	05 42 19.0
V48A	Smith Brothers	16.88	15	P	Pn	05 42 13.5 -0.6
V48A	Smith Brothers	16.88	15	P	Pn	05 42 12.8 -1.3
X53A	Estanolee	16.92	26	P	Pn	05 42 14.0 -0.6
W51A	Cleveland	16.95	21	P	P	05 42 17.0 0.0
W51A	Cleveland	16.95	21	P	P	05 42 17.0 0.0
MNTX	Cornudas Mount	17.00	318	P	Pn	05 42 17.4 +1.7
MNTX	Cornudas Mount	17.00	318	P	Pn	05 42 15.9 +0.1
WVT	Waverly	17.03	12	P	Pn	05 42 15.3 -0.7
WVT	Waverly	17.03	12	P	Pn	05 42 15.6 -0.4
V49A	McMinville	17.05	18	P	Pn	05 42 18.9 +1.4
MSTX	Muleshoe	17.24	329	P	Pn	05 42 18.8 +0.1
MSTX	Muleshoe	17.24	329	P	Pn	05 42 17.4 -1.4
MSTX	Muleshoe	17.24	329	P	IAMB	05 42 22.7
CPCT	Cooper Cave	17.29	21	P	Pn	05 42 18.0 -1.3
V50A	Pikeville	17.30	20	P	Pn	05 42 21.1 +0.2
V50A	Pikeville	17.30	20	P	Pn	05 42 21.1 +0.2
PBMO	Poplar Bluff	17.31	5	P	Pn	05 42 18.2 -1.2
PBMO	Poplar Bluff	17.31	5	P	IAMB	05 42 22.8
CLTN	Cedars of Lebanon	17.34	16	P	Pn	05 42 18.3 -1.6
X54A	Belton	17.35	28	P	Pn	05 42 21.2 +1.1
BG3	Lake Jocassee	17.49	26	P	Pn	05 42 20.0 -1.8
BG3	Lake Jocassee	17.49	26	P	IAMB	05 42 25.4
AMTX	Amarillo	17.50	333	P	Pn	05 42 23.6 +1.6
AMTX	Amarillo	17.50	333	P	Pn	05 42 21.5 -0.5
AMTX	Amarillo	17.50	333	P	IAMB	05 42 35.0
W53A	Culowhee	17.55	25	P	Pn	05 42 22.1 +0.4
MGM0	Mountain Grove	17.61	360	P	Pn	05 42 24.9 -0.4
MGM0	Mountain Grove	17.61	360	P	IAMB	05 42 27.0
JSC	Jenkinsville	17.66	31	P	Pn	05 42 23.5 -0.3
V51A	Loudon	17.67	21	P	P	05 42 26.4 +1.5
TKL	Tuckaleechee C	17.75	23	P	Pn	05 42 22.6 -2.4
U49A	Red Boiling Sp	17.88	17	P	Pn	05 42 27.1 +0.4
W54A	Cherokee Point	17.89	28	P	P	05 42 28.8 +1.4
X56A	White Oak	17.94	31	P	P	05 42 29.8 +1.9
V52A	Sevierville	17.98	23	P	P	05 42 31.4 +3.1
T47A	Sharon Grove	18.01	13	P	P	05 42 31.2 +2.6
T47A	Sharon Grove	18.01	13	P	Pn	05 42 27.9 -0.3
T47A	Sharon Grove	18.01	13	P	IAMB	05 42 32.3
U50A	Jamestown	18.07	19	P	Pn	05 42 29.0 +0.1
V53A	Saluda	18.13	25	P	P	05 42 31.5 +1.4
V53A	Saluda	18.13	25	P	Pn	05 42 28.7 -1.0
U51A	La Follette	18.30	21	P	Pn	05 42 33.3 +1.3
KMSC	Kings Mountain	18.32	29	P	P	05 42 34.4 +2.2
S44A	Carbondale	18.33	7	P	Pn	05 42 33.0 +0.9
SIUC	Southern Illin	18.36	7	P	Pn	05 42 30.6 -1.8
SIUC	Southern Illin	18.36	7	P	IAMB	05 42 35.6
T49A	Edmonton	18.50	17	P	P	05 42 35.2 +1.0
T49A	Edmonton	18.50	17	P	Pn	05 42 34.6 +0.3
FVM	French Village	18.50	4	P	Pn	05 42 34.4 +0.2
CCM	Cathedral Cave	18.53	2	P	Pn	05 42 34.2 -0.3
CCM	Cathedral Cave	18.53	2	P	Pn	05 42 33.8 -0.7
U52A	Thorn Hill	18.55	23	P	Pn	05 42 33.7 -1.1
V54A	Nebo	18.58	27	P	P	05 42 34.6 -0.3
TZTN	Tazewell	18.62	22	P	P	05 42 35.9 +0.5
T50A	Nancy	18.63	19	P	P	05 42 35.4 -0.1
T51A	Gray	18.86	21	P	P	05 42 38.5 +0.4
V55A	Taylorville	18.96	28	P	P	05 42 40.1 +0.9
S49A	Springfield	19.21	17	P	P	05 42 42.0 +0.2
U54A	Nelsons Funny	19.27	26	P	P	05 42 43.7 +1.1
T52A	Hallie	19.32	23	P	P	05 42 42.9 -0.3
T52A	Hallie	19.32	23	P	Pn	05 42 42.2 -0.5
SS0A	Richmond	19.37	19	P	Pn	05 42 44.7 +0.6
WCI	Wyandotte Cave	19.38	14	P	P	05 42 44.4 +0.7
WCI	Wyandotte Cave	19.38	14	P	Pn	05 42 41.8 -1.9
WCI	Wyandotte Cave	19.38	14	P	IAMB	05 42 50.8
319A	Douglas	19.43	311	P	P	05 42 46.9 +2.4
BNN	Barren Site	19.45	322	P	P	05 42 44.9 +0.1
OLIL	Olney	19.51	10	P	P	05 42 44.9 -0.3
U55A	T2, Sparta	19.58	28	P	P	05 42 46.9 +0.8
L56A	Lemitar	19.67	321	P	Pn	05 42 50.1 +1.6
U56A	King	19.75	29	P	Pn	05 42 49.9 +0.6
SS2A	Salysville	19.80	22	P	P	05 42 49.0 +0.7

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T54A	Tazewell	19.83	26	P	P	05 42 49.4 +0.7
ANMO	Albuquerque	19.93	324	P	P	05 42 50.2 +0.3
ANMO	Albuquerque	19.93	324	P	Pn	05 42 53.2 +1.6
ANMO	Albuquerque	19.93	324	P	IAMB	05 42 49.6 -0.3
ANMO	Albuquerque	19.93	324	P	IAMB	05 42 54.6
KSU1	Kansas State U	19.93	350	P	P	05 42 51.8 +2.1
KSU1	Kansas State U	19.93	350	P	IAMB	05 42 49.7 0.0
KSU1	Kansas State U	19.93	350	P	IAMB	05 42 57.8
SRIG	Santa Rosalia	19.98	297	P	P	05 42 48.1 -2.2
Q48A	North Vernon	20.18	15	P	P	05 42 53.0 +0.6
R51A	Hillsboro	20.19	20	P	P	05 42 53.4 +0.8
T55A	Pulaski	20.21	27	P	P	05 42 53.4 +0.5
P43A	Skaggs, Pawnee	20.23	6	P	P	05 42 53.8 +0.9
P43A	Skaggs, Pawnee	20.23	6	P	IAMB	05 42 52.2 -0.8
P43A	Skaggs, Pawnee	20.23	6	P	IAMB	05 42 58.7
BLO	Bloomington	20.23	13	P	IAMB	05 42 52.2 -0.7
BLO	Bloomington	20.23	13	P	IAMB	05 42 58.6
CBKS	Cedar Bluff	20.35	343	P	Pn	05 42 57.6 +1.2
CBKS	Cedar Bluff	20.35	343	P	P	05 42 54.7 +0.3
BLA	Blacksburg	20.45	28	P	P	05 42 54.1 -1.4
BLA	Blacksburg	20.45	28	P	IAMB	05 43 03.0
T56A	Rocky Mt	20.47	29	P	P	05 42 56.4 +0.8
P46A	Rosedale	20.53	11	P	P	05 42 57.7 +1.5
Q50A	Georgetown	20.57	19	P	P	05 42 57.3 +0.7
T25A	Trinidad	20.59	331	P	P	05 42 59.1 +2.0
T25A	Trinidad	20.59	331	P	P	05 42 58.8 +1.6
P48A	Milroy	20.75	15	P	P	05 42 57.8 -0.9
P48A	Milroy	20.75	15	P	IAMB	05 43 04.4
S55A	Lewisburg	20.88	27	P	P	05 43 00.0 -0.1
Q51A	Peebles	20.93	20	P	P	05 42 59.9 -0.7
Q51A	Peebles	20.93	20	P	IAMB	05 42 59.6 -1.0
Q51A	Peebles	20.93	20	P	IAMB	05 43 02.6
P49A	Miami Univ. E	21.00	16	P	P	05 43 01.1 -0.2
TUC	Tucson	21.01	311	P	P	05 43 03.7 +2.0
TUC	Tucson	21.01	311	P	IAMB	05 43 03.5 +1.9
TUC	Tucson	21.01	311	P	IAMB	05 43 05.7
R54A	Victor	21.03	25	P	P	05 43 01.2 -0.5
U59A	Littleton	21.04	34	P	P	05 43 02.1 +0.4
U59A	Littleton	21.04	34	P	IAMB	05 42 60.0 -1.8
U59A	Littleton	21.04	34	P	IAMB	05 43 05.7
T58A	Grand View Acr	21.11	32	P	P	05 43 02.8 +0.2
Q52A	Natural Bridge	21.21	29	P	P	05 43 03.9 +0.2
Q52A	Bidwell	21.23	22	P	P	05 43 04.1 +0.3
SPIN	Lafayette	21.29	11	P	P	05 43 04.3 -0.1
Q53A	Leroy	21.41	23	P	P	05 43 05.7 -0.1
P51A	Williamsport	21.44	20	P	IAMB	05 43 06.6 +0.6
P51A	Williamsport	21.44	20	P	IAMB	05 43 13.4
KSCO	Kaye Shedlock	21.46	337	P	P	05 43 06.7 +0.2
KSCO	Kaye Shedlock	21.46	337	P	IAMB	05 43 07.1 +0.7
KSCO	Kaye Shedlock	21.46	337	P	IAMB	05 43 20.3
O48A	Farmland	21.57	15	P	P	05 43 07.3 -0.2
SDCO	Great Sand Dun	21.59	330	P	P	05 43 09.8 +1.8
SDCO	Great Sand Dun	21.59	330	P	P	05 43 07.1 -0.9
T59A	Double "B" Far	21.63	33	P	IAMB	05 43 08.1 0.0
T59A	Double "B" Far	21.63	33	P	IAMB	05 43 11.9
O49A	Covington	21.72	16	P	P	05 43 09.5 +0.4
O49A	Covington	21.72	16	P	IAMB	05 43 07.1 -1.9
O49A	Covington	21.72	16	P	IAMB	05 43 11.6
S58A	Poland Farm, P	21.88	31	P	P	05 43 08.3 -2.5
S58A	Poland Farm, P	21.88	31	P	IAMB	05 43 07.9 -2.9
S58A	Poland Farm, P	21.88	31	P	IAMB	05 43 19.7
P53A	Whipple	22.01	23	P	P	05 43 11.9 -0.3
P53A	Whipple	22.01	23	P	IAMB	05 43 16.5
N47A	Urbana	22.05	13	P	P	05 43 13.9 +1.4
N47A	Urbana	22.05	13	P	P	05 43 11.6 -1.0
Q55A	Buckhannon	22.09	26	P	P	05 43 13.9 +0.8
ACSO	Alum Creek Sta	22.15	19	P	P	05 43 15.3 +1.6
N48A	Decatur	22.18	15	P	P	05 43 15.7 +1.7
S22A	4UR Ranch, Cre	22.23	328	P	P	05 43 17.4 +2.5
S22A	4UR Ranch, Cre	22.23	328	P	P	05 43 14.0 -0.9
214A	Organ Pipe Nat	22.31	308	P	P	05 43 17.5 +2.0
214A	Organ Pipe Nat	22.31	308	P	P	05 43 14.8 -0.7
SCIA	State Center	22.38	358	P	P	05 43 16.5 +0.4
O52A	Adamsville	22.41	21	P	P	05 43 18.4 +1.9
BGNE	Belgrade	22.45	348	P	P	05 43 14.8 -2.1
N49A	Columbus Grove	22.45	16	P	P	05 43 16.5 -0.3
N49A	Columbus Grove	22.45	16	P	P	05 43 11.9 -5.0
Q56A	Snyder Ridge	22.51	27	P	IAMB	05 43 17.8 +0.3
Q56A	Snyder Ridge	22.51	27	P	IAMB	05 43 36.5
ROSC	El Rosal	22.69				

20d 6h

ISCBJ 20 05:39:09.0.4.32.83N.0.02:35.60E.0.04,h7km,5km, Error ellipse: s-maj=5.7km s-min=3.1km az=24.0

JSO 20 05:39:09.6.0.8.33.1N.4.3.6E.1,h1km,7km,ML2.5/5, Mjma2.3/5,ML2.8/1,MLV2.6/5

GRAL 20 05:39:09.3.0.3.32.76N.35.61E,h0km,5km,MD3.0

ISC 20 05:39:09.7.1.1.32.85N.0.02:35.57E.0.03,h13km,10km, n24,+053/35,Dead Sea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SHMJ Saham, MMAOB Mount Meron ar, KSHT Keshet, etc.

ISCBJ 20 05:53:42.6.0.6.36.69N.0.03:26.57E.0.03,h4km,6km, Error ellipse: s-maj=5.1km s-min=4.2km az=158.5

ATH 20 05:53:42.3.6.70N.26.53E,h9km,ML2.3/5, Error ellipse: s-maj=3.3km s-min=1.7km az=250.0

DDA 20 05:53:42.0.3.6.72N.26.51E,h7km,3km,ML2.0, Error ellipse: s-maj=3.0km s-min=0.8km az=326.0

THE 20 05:53:43.0.3.6.79N.26.55E,h8km,2km,ML2.0/4, Error ellipse: s-maj=3.0km s-min=0.8km az=326.0

ISC 20 05:53:42.3.1.2.36.71N.0.03:26.56E.0.02,h11km,10km, n25,+106/38,Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AMGA Amorgos Island, AMGA 115nm,0.2s, AMGA Amorgos Island, etc.

ISC 20 05:55:27.5.2.7.6.76S.155.14E,h0km,mb3.7/3, mb1.3/9.4,mb1mx3.6/22,mbtmp3.7/4,ML3.7/1,MS3.0/1, Ms1.3/0.1,ms1mx2.5/29, Error ellipse: s-maj=67.5km s-min=36.4km az=103.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KRVT Keravat (AS076), KRVT 22nm,0.3s,baz=138,slow=21,SNR=7.4, etc.

ISC 20 06:20:28.8.1.3.26.27N.110.44W,h0km,mb3.6/1, mb1.3/6,mb1mx3.4/54,mbtmp3.2/6,ML3.3/5,MS2.6/3, Ms1.2.6/3,ms1mx2.4/36, Error ellipse: s-maj=20.8km s-min=12.7km az=96.0

ISCBJ 20 06:20:27.5.1.0.26.26N.0.09:110.34W.0.10,h10km, mb3.6/1,MS2.9/2, Error ellipse: s-maj=13.6km s-min=11.1km az=43.7

ISC 20 06:20:28.5.1.1.26.22N.0.10:110.30W.0.09,h10km,n8, +191/8,Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EDPI Ende, Flores, SMPH San Pedro de Macoris, etc.

20d 5 OCT

LPIG 2.1nm,0.3s,baz=11,slow=6.5,SNR=3.1 LR 06 21 26.5

LPIG comp=Z.29nm,19.2s,baz=7.0,slow=2.0,LR 06 21 35.4

TXAR 13nm,0.3s,baz=162,slow=5.2,SNR=6.1 Lg 06 22 07.0 +0.7

TXAR Lajitas Array 6.64 61 Pn 06 22 33.5 -2.3

TXAR 0.1nm,0.3s,baz=242,slow=15,SNR=6.0 Pg 06 23 24.9 +2.7

TXAR 0.1nm,0.3s,baz=236,slow=16,SNR=3.3 Sn 06 23 58.6

ANMO 0.6nm,0.3s,baz=100,slow=8.7,SNR=6.7 Lg 06 22 44.4 +1.5

ANMO Albuquerque 9.30 20 Pn 06 25 22.1

NVAR 0.1nm,0.3s,baz=319,slow=19,SNR=2.3 Lg 06 23 46.6 +0.6

NVAR Mira Array Bea 19.32 33 Pn 06 24 22.8 -0.4

PDAR Pinedale Array 16.52 2 Pn 06 24 22.8 -0.4

APG El Apazole 21.63 117 LR comp=Z.47nm,21.3s,baz=360,slow=38 LR 06 34 11.8

SADW Sadowa 31.13 45 LR 06 39 46.4

ILAR Eielson Array 45.08 339 P 06 28 43.0 -1.5

KRNET 20 06:21:05.0.8.1.39.03N.70.01E,mb2.9 NNC 20 06:21:05.6.2.2.38.79N.70.00E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=16.9km s-min=13.4km az=15.0

ISC 20 06:21:15.9.2.2.39.7N.0.1:70.21E.0.06,h10km,n11, +261/21,16C-4D,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BTK Batken, BTK batzen, BTK Tashkent, etc.

BUI 20 06:23:54.2.0.0.9.61N.124.35E,h10km,mb4.5/38, mb4.9/28,Ms4.3/18,Ms7.4/1/18

ISCBJ 20 06:23:55.8.0.2.9.85N.0.02:124.19E.0.04,h10km, mb4.7/66,MS3.8/31, Error ellipse: s-maj=5.3km s-min=3.3km az=164.5

NEIC 20 06:23:57.5.1.5.9.87N.107.124.12E.0.08,h10km,1km, mb4.7/85

MAN 20 06:23:58.5.1.0.10.81N.124.15E,h9km,MS4.1 MAN Intensity III - Lapu-Lapu City, DJA 20 06:23:59.4.2.6.1.0.N.11 * 12 * 4E.1, h25km,16km,MS5.0/18, mb5.2/6,mb4.7/18,MLV5.3/2,Mw(mb)4.6/6

MOS 20 06:24:02.5.1.0.9.91N.124.20E,h64km,mb4.8/38, Error ellipse: s-maj=12.0km s-min=5.4km az=114.4

IDC 20 06:24:05.2.2.4.10.01N.124.42E,h60km,mb4.0/17, mb1.4/0.18,mb1mx3.8/58,mbtmp4.3/18,ML5.0/2,MS3.8/27, Ms1.3.8/27,ms1mx3.7/40, Error ellipse: s-maj=20.7km s-min=10.7km az=72.0

ISC 20 06:23:57.0.3.9.86N.0.04:124.17E.0.06,h10km,n245, +172/229,mb4.6/82,MS3.9/31,3C-6D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DAV Davao City (W), DAV 56nm,0.3s,baz=311,slow=20,SNR=2.7, etc.

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SAUI Saumlaki 19.09 158 P 06 28 20.4 -0.2

SOEI Soe 19.48 180 P 06 28 22.9 +2.9

SOEI Soe 19.48 180 P 06 28 23.4 -1.7

PLAI Plampang 19.62 199 P 06 28 31.5 +3.6

SRBI Singaraja 19.93 207 P 06 28 34.2 +2.7

BATI Baunata 19.94 181 P 06 28 34.9 +3.2

BATI comp=Z.65nm,1.3s, baz=34,slow=1.0,SNR=13 LR 06 37 53.6

BATI Baunata 19.94 181 P 06 28 34.8 +3.2

GUMO Guam 20.60 178 LR 06 36 54.2

IGBI Gampang 20.61 226 P 06 28 42.5 +3.0

TPI Tanjungpandang 20.68 233 P 06 28 40.8 +0.4

JAGI Jajaj, Banyuwya 20.76 209 P 06 28 42.8 +1.5

JAGI Jajaj, Banyuwya 20.76 209 P 06 28 37.3 -1.6

JAGI comp=Z.37nm,1.0s, baz=34,slow=1.0,SNR=13 LR 06 28 51.6

SMRI Semarang 21.66 220 P 06 28 54.9 +6.3

WOJI Wonogiri, Jawa 21.98 217 P 06 28 55.9 +3.9

UGM Wanagama 22.28 218 P 06 28 53.9 -1.4

CHAI Chaiyaphum 22.44 288 P 06 29 01.9 +4.9

WHN Wuhan 22.53 337 P 06 29 01.4 +3.6

WHN Wuhan 22.53 337 S 06 36 06.4 +1.5

SLVN Son La 22.58 303 P 06 28 57.7 -0.8

NJ2 Nanjing 22.63 348 eP 06 28 59.4 +0.6

LEM Lembang 23.38 225 P 06 29 11.3 +4.4

LEM comp=Z.13nm,0.5s,baz=311,slow=19,SNR=3.4 LR 06 39 19.2

SKLT Songkhla 23.44 265 P 06 29 12.0 +4.6

PBKT comp=Z.19nm,1.9s,comp=Z.385nm, baz=23.54 289 P 06 29 10.6 +2.3

PBKT Sadao Pong 23.54 289 P 06 29 07.7 -0.6

IPM comp=Z.24nm,1.3s, baz=23.57 259 P 06 29 07.3 -1.4

MTN Manton Dam 23.59 163 P 06 29 09.7 +0.9

MTN comp=Z.31nm,1.4s, baz=23.75 261 P 06 29 09.9 -0.5

KULM Kulim 23.76 224 P 06 29 13.8 +3.0

CISI Cempet, Garu 23.76 224 P 06 29 09.5 -1.1

CISI Cempet, Garu 23.76 224 P 06 29 09.5 -1.1

JNU Nakatsue 23.96 14 LR 06 37 50.3

JCJ Chichijima 24.15 42 LR comp=Z.33nm,18.5s,baz=118,slow=40 LR 06 40 04.0

PHET Kaeng Krachan 24.25 280 P 06 29 19.7 +4.6

TRTT Trang 24.27 267 P 06 29 18.8 +3.4

ENH comp=Z.43nm,1.7s,comp=Z.79nm, baz=24.50 328 P 06 29 17.7 +0.4

ENH Enshi 24.50 328 P 06 29 19.0

UTHA Uthaitani 24.77 286 P 06 29 25.7 +5.9

BKNI comp=Z.17nm,0.9s,comp=Z.225nm, baz=24.89 249 P 06 29 19.9 -1.1

KMI Kuning 24.90 309 P 06 29 26.4 +0.6

KMI comp=Z.7.0nm,0.6s, baz=24.90 309 pP 06 29 31.3 +1.1

KMI comp=Z.7.0nm,0.6s, baz=24.90 309 pP 06 29 34.9 +0.6

KMI comp=Z.300nm,17.1s, baz=24.90 309 LR 06 29 31.3 +1.1

KMI comp=Z.370nm,15.6s, baz=24.90 309 LR 06 29 31.3 +1.1

MNAI comp=Z.380nm,16.1s, baz=25.42 237 P 06 29 25.2 -0.6

UMPA comp=Z.14nm,0.8s, baz=25.44 287 P 06 29 34.5 +8.6

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, MKAR Makanchi Array, SONM Songino Array, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, FINES FINESS Array B, GERES GERESS Array B, TXAR Lajas Array.

IDC 20 07:56:48.0s, 2.23, 72N, 94.11E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/4, mbtmp3.5/3, Error ellipse: s-maj=442.8km s-min=27.5km az=60.0, ISCJB 20 07:56:59.4, 0.9, 24, 23N, 05.94, 44E, 0.09, h95km, 10km, mb3.5/3, Error ellipse: s-maj=14.9km s-min=6.8km az=24.2

NDI 20 07:06:00.1, 1.1, 24, 26N, 94.36E, h18km, 7km, ML3.2, ISC 20 06:56:59.5, 1.2, 24, 21N, 06.94, 49E, 0.10, h87km, 12km, n10, c132/16, mb3.5/3, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMP Imphal, KOHI KOHIMA, AZL Aizawl, MOKO MOKOCHONG, SAIH SAIHA, ITAN ITANAGAR, TURI Tura, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

SJA 20 07:28:4.0, 2.4, 209S, 67.11W, h190km, 8km, ML2.3, MW2.7

ISCJB 20 07:29.7, 1.2, 24, 10S, 07.67, 18W, 0.05, h177km, 15km, Error ellipse: s-maj=11.8km s-min=5.5km az=25.1

GUC 20 07:07:31.0, 0.5, 23, 95S, 67.71W, h230km, 10km, ML3.8, ISC 20 07:07:28.3, 2.4, 12S, 00.07, 67.14W, 0.05, h193km, 26km, n17, c112/29, 4C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLA San Lorenzo, HJA Humahuaca, AZAP Zapla, PB15 IPOC Station P, YJA Yavi, PB06 IPOC Station P, PB09 IPOC Station P, PB03 IPOC Station P, PB04 IPOC Station P, PB07 IPOC Station P, PB02 IPOC Station P.

IDC 20 07:15:03.9, 3.4, 4.64S, 105.45E, h186km, 25km, mb3.2/5, mb1 3.4/6, mb1mx3.1/4, mbtmp3.7/6, Error ellipse: s-maj=153.8km s-min=22.2km az=52.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station LEM Lembang.

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Table with columns: LEM, FITZ, WRA, ASAR, STKA, MKAR. Includes station information for Lembeh, Fitzroy Crossi, Warramunga Arr, Alice Springs, Stephens Creek, and Makanchi Array.

ISCJB 20 07:21:26.7, 1.6, 13, 09N, 0.08, 90.02W, 0.05, h24km, 9km, Error ellipse: s-maj=14.6km s-min=6.8km az=24.9

SNET 20 07:21:28.8, 0.8, 13, 21N, 89.93W, h26km, 5km, ML2.8, GCG 20 07:21:30.8, 0.6, 13, 29N, 90.36W, h6km, 10km, MD3.5, ISC 20 07:21:28.6, 2.3, 13, 2N, 1.89, 96W, 0.06, h33km, 11km, n16, c058/21, 2C, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBL S San Blas, SBL S San Jose, RTR El Retiro, SNET Serv Nac Est T, COEG Universidad Ev, LEUF La Fuente, IXG Ixapaco, PAVA Las Pavas, COEG Centro de Oper, COEG Montecristo, COEB Comit de Em, COEB Las Nubes, FUG Fuego 3, JUCU Jucuarjn, LCND La Caada, STG3 Santiago3, STG3 Comit de Em.

IDC 20 07:30:43.1, 2.6, 9, 52S, 149.93E, h0km, mb3.4/2, mb1 3.6/4, mb1mx3.4/28, mbtmp3.4/4, ML3.0/1, MS2.9/2, MS1 3.9/2, ms1mx2.6/16, Error ellipse: s-maj=52.8km s-min=40.8km az=169.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Ala-Archa, KRVT Keravat, JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORO Torodori Arr.

NNC 20 07:38:07.6, 4.8, 40, 04N, 71.74E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=36.6km s-min=15.4km az=177.0, KRNET 20 07:38:09.1, 0.1, 40, 08N, 71.75E, h12km, mb2.8, SOME 20 07:38:09.3, 40, 08N, 71.78E, h10km

ISC 20 07:38:09.2, 1.9, 40, 13N, 008.71, 77E, 0.04, h2km, 16km, n16, c1959/26, 11C-BD, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK Batken, ARSB Arslanbob, ARSB Arskit, ARK Arak, IUG Iuzhny, IUG Iuzhny, AML Almayashu, MRKS Merke, MRKS Merke, MRKS Merke, UCH Uchter, UCH Erkin-Say, EKS2 Eki, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, TKM2 Tokmak 2, TKM2 Tokmak 2, KST Kasteek, KST Kasteek, KST Kasteek.

ISCJB 20 07:57:25.2, 0.8, 5.35S, 0.06, 129.5E, 0.1, h250km, mb3.8/2, Error ellipse: s-maj=16.7km s-min=8.0km az=174.2

IDC 20 07:57:26.2, 1.7, 5.27S, 129.39E, h237km, 22km, mb3.7/2, mb1 3.6/7, mb1mx3.2/38, mbtmp4.2/7, Error ellipse: s-maj=31.1km s-min=11.4km az=83.0, ISC 20 07:57:24.8, 0.9, 5.36S, 0.06, 129.7E, 0.1, h250km, n7, c347/11, Banda Sea

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, SIJI Baumata, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

ISCJB 20 08:03:39.9, 1.4, 7.1S, 0.2, 107.5W, 0.2, h10km, mb3.5/4, MS4.0/26, Error ellipse: s-maj=32.4km s-min=12.6km az=43.1

IDC 20 08:03:39.9, 10.0, 7.14S, 107.41W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.6/36, mbtmp3.5/4, MS3.9/24, MS1 3.9/24, ms1mx3.9/26, Error ellipse: s-maj=299.1km s-min=110.8km az=127.0

NEIC 20 08:04:11.3, 1.2, 7.2S, 0.2, 107.6W, 0.2, h10km, 2km, mb4.3/23, GCMT 20 08:05:30.0, 3.0, 4.6, 17S, 0.02, 107.26W, 0.02, h12km, MW4.8/76, Plog2 Moment Tensor Solution, s1, c11, s76, c99, Duration: 0 Moment tensor. Scale 10^18Nm; Mr=0.17z; 07; Mw0.64z; 07; Mw0.46z; 07; Mw0.148z; 05; Mw0.09z; 19; Best double couple: Mo1.84800x10^16 NP1.0e9, 99.00000, 0.889, 00000, 1.31, 00000, NP2: 0.9, 00000, 0.859, 00000, 1.179, 00000, Principal axes: T 2.0160, Plog2, 0.0000, Azm10, 0.0000, P -1.6790, Plog2, 0.0000, Azm230, 0.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 20 08:03:42.0, 1.9, 7.0S, 0.2, 107.5W, 0.2, h10km, n62, c1910/33, mb4.3/17, MS4.0/26, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLIG Tlapa, CMIG Matias Romero, MOIG Maelia, JPS El Apate, JTS Las Juntas de, JTS Las Juntas de, NNA Nana, LPJG La Paz, TEIG Tepich, ROSC El Rosal, KVTX Kingsville, HSIJ Kingsville, LTX Lajas, TX32 Lajas Array, TXAR Lajas Array, TXAR Lajas Array, TXAR Douglas, MNTX Comudas Mount Jarrell, LPAZ La Paz, SDV Santo Domingo, LVC Limon Verde, BNM Barro Colorado, PFO Pinyon Flats O, PFO Pinyon Flats O, ANMO Albuquerque, PPT Papeete, PPT2 Papeete2, PPT2 Papeete2, GSC Goldstone, GSC Goldstone, TBI Tubuai, TBI Tubuai, SAML Samuel, SAML Samuel, SDCO Great Sand Dun, SDCO Great Sand Dun, PV13 Radium Mtn., PV13 Radium Mtn., PLAL Pickwick Lake, PLAL Pickwick Lake, CBKS Cedar Bluff, NV01 Mina Array Sit, NVAR Mina Array Sit, NVAR Mina Array Sit, PLCA Paso Flores, TKL Tuckaleechee C, ELK Elko, CBYP Canovanas, PDAR Pinedale Array, PDAR Pinedale Array, TPWA Teton Pass, YBH Yreka Blue Hour, MFID Camas Ranch, MFID Camas Ranch, CPUP Villa Florida, CPUP McKenzie Canyo, CBN Corbin Frederi, HAWA Hanford, HAWA Hanford, NEW Newport, ULM Lac du Bonnet.

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Table with columns for station code, name, coordinates, and various performance metrics (LR, P, S, etc.) for stations like WRA, WRR, WRM, etc.

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Table with columns for station code, name, coordinates, and various performance metrics for stations like YUK, MORW, MORV, etc.

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Table with columns for station code, name, coordinates, and various performance metrics for stations like MAKZ, MAKZ, MAKZ, etc.

KKAR	comp=Z,36nm,1.2s	56.93 316	P	P	08 15 25.2 +0.1
KKAR	Karatay Array		Iamb	Iamb	08 15 26.4
KKAR	comp=Z,36nm,1.2s	56.93 316	P	P	08 15 24.9 -0.1
SEY	Seymchan	56.99 15	P	P	08 15 25.0 -0.1
SEY	comp=Z,5.5nm,0.6s,baz=224,slow=5.9,SNR=21				
BRVK	Borovyoye	60.84 326	iP	P	08 15 24.3 -0.8
BRVK	comp=Z,7.5nm,1.1s	60.84 326	P	P	08 15 51.8 -0.1
HRA	Herat	61.15 304	P	P	08 15 54.7 -0.1
HRA	comp=Z,33nm,1.2s		Iamb	Iamb	08 15 57.0
TIXI	Tiksi	61.98 2	P	P	08 15 58.8 -0.6
TIXI	comp=Z,33nm,1.0s,baz=161,slow=5.2,SNR=82	61.98 2	iP	P	08 15 58.2 -1.2
TIXI	comp=Z,90nm,1.7s	61.98 2	P	P	08 15 57.9 -1.4
TIXI	comp=Z,47nm,1.0s		Iamb	Iamb	08 15 59.9
NRIK	Norlik	63.98 346	P	P	08 16 12.3 -0.4
NRIK	comp=Z,22nm,1.0s,baz=134,slow=5.7,SNR=28		LR	LR	08 45 40.5
BILL	Biilbino	64.63 16	iP	P	08 16 16.8 -0.2
BILL	comp=Z,18nm,1.7s	64.63 16	P	P	08 16 17.0 0.0
BILL	comp=Z,13nm,0.9s		Iamb	Iamb	08 16 18.1
GEYT	Alibeck	64.94 307	P	P	08 16 19.9 +0.3
GEYT	comp=Z,41nm,1.2s,baz=108,slow=3.3,SNR=39		LR	LR	08 48 29.0
GEYT	comp=Z,145nm,18.6s,baz=125,slow=40		LR	LR	08 48 29.0
GEYT	Alibeck	64.94 307	P	P	08 16 20.0 +0.3
GYA0B	ALIBECK ARRAY	64.94 307	P	P	08 16 20.1 +0.5
ATKA	Atka Island	65.38 37	P	P	08 16 22.5 +0.4
BANOM	Banah	65.63 294	iP	P	08 16 24.0 -0.4
UOSS	Minazif	65.70 293	P	P	08 16 24.4 -0.4
UOSS	comp=Z,12nm,0.8s	65.70 293	P	P	08 16 23.6 -1.2
UOSS	comp=Z,12nm,0.8s	65.70 293	P	P	08 16 23.9 -1.2
AB31	Akbulak array	65.72 320	iP	P	08 16 23.9 -0.6
AB31	comp=Z,6.0nm,0.6s				
ABKAR	Akbulak array	65.72 320	P	P	08 16 23.8 -0.7
ABKAR	Akbulak array	65.72 320	P	P	08 16 23.9 -0.6
ABKAR	comp=Z,31nm,1.2s		Iamb	Iamb	08 16 30.3
HATO	Hatta, Dubai	65.77 293	P	P	08 16 25.3 +0.1
SHME	Shamm	65.77 294	P	P	08 16 23.1 -2.2
ASHO	Ashiyah	65.84 293	iP	P	08 16 26.1 +0.4
ALNE	Al Ain	66.12 292	iP	P	08 16 27.4 -0.1
ASUD	AI Ashush, Dub	66.50 293	P	P	08 16 30.5 +0.6
AKTO	Aktyubinsk	67.21 321	LR	LR	08 47 02.6
AKTO	comp=Z,267nm,20.6s,baz=304,slow=37				
AKTO	Aktyubinsk	67.21 321	P	P	08 16 32.9 -1.1
SVE	Sverdllovsk	67.39 328	iP	P	08 16 35.2 +0.3
SVE	comp=Z,33nm,1.5s				
MZR	Muzera	68.22 291	iP	P	08 16 40.1 -0.7
MZR	comp=Z,85nm,1.2s				
LBZ	Lake Benmore	68.23 146	P	P	08 16 41.3 +0.9
LBZ	comp=Z,42nm,0.9s		Iamb	Iamb	08 16 42.7
RPZ	Rata Peaks	68.29 145	LR	LR	08 46 52.0
RPZ	comp=Z,215nm,18.8s,baz=272,slow=36				
RPZ	Rata Peaks	68.29 145	LR	LR	08 46 42.2 +1.4
ARU	Arti	68.37 327	LR	LR	08 48 19.3
ARU	comp=Z,158nm,18.6s,baz=105,slow=38				
ARU	Arti	68.37 327	iP	P	08 16 39.9 -1.2
ARU	comp=Z,57nm,1.3s				
ARU	Arti	68.37 327	P	P	08 16 40.3 -0.8
ARU	comp=Z,35nm,0.9s		Iamb	Iamb	08 16 41.5
URZ	Urewera	68.87 137	LR	LR	08 49 15.8
URZ	comp=Z,109nm,18.0s,baz=308,slow=38				
KHZ	Kahutara	68.94 143	P	P	08 16 44.4 -0.4
KHZ	comp=Z,32nm,1.3s		Iamb	Iamb	08 16 45.8
BKZ	Black Stump Fm	68.95 138	P	P	08 16 44.6 -0.5
BKZ	comp=Z,50nm,1.1s		Iamb	Iamb	08 16 52.3
MSEY	Mahe Island	69.53 261	P	P	08 16 48.6 -0.6
LKRN	Lenkeran, Azer	72.32 308	P	P	08 17 06.7 +1.1
SEKA	Sheki	73.60 310	P	P	08 17 14.0 +0.7
KIRV	Kirov	73.64 328	LR	LR	08 52 10.5
MNGR	Mingechevir, A	73.68 310	P	P	08 17 14.9 +1.3
GANJ	Ganja	74.26 309	P	P	08 17 18.3 +1.2
NAX	Nakhchivan	74.89 308	P	P	08 17 21.9 +1.1
TBLG	Delisi	75.46 311	P	P	08 17 23.7 -0.3
TBLG	comp=Z,37nm,0.9s				
TBLG	Delisi	75.46 311	P	P	08 17 23.7 -0.3
TBLG	comp=Z,37nm,0.9s		Iamb	Iamb	08 17 25.6
GNI	Garni	75.46 309	P	P	08 17 24.8 +0.6
GNI	comp=Z,204nm,1.3s				
GNI	Garni	75.46 309	P	P	08 17 25.5 +1.2
RAYN	Ar Rayn	75.52 292	P	P	08 17 24.2 -0.6
RAYN	Ar Rayn	75.52 292	P	P	08 17 24.3 -0.4
RAYN	comp=Z,42nm,1.5s				
RAYN	Ar Rayn	75.52 292	P	P	08 17 24.3 -0.4
RAYN	comp=Z,42nm,1.4s		Iamb	Iamb	08 17 32.6
PRGR	Permogore	75.90 331	eP	P	08 17 24.2 -1.9
PRGR	comp=Z,35nm,0.9s				
ZEI	Tsey	76.07 312	eP	P	08 17 23.8 -3.9
ZEI	comp=Z,49nm,1.3s				
CLDR	Caldiran	76.11 308	eP	P	08 17 28.7 +0.6
HAKT	HAKKARI	76.32 306	iP	P	08 17 31.0 +1.7
HAKT	comp=Z,437nm,0.8s				
AKH	Akhalkalaki	76.39 310	P	P	08 17 30.5 +1.0
AKH	comp=Z,31nm,0.8s				
AKH	Akhalkalaki	76.39 310	iP	P	08 17 30.8 +1.2
AKH	Akhalkalaki	76.39 310	eP	P	08 17 35.7 +6.1
AKH	Akhalkalaki	76.39 310	P	P	08 17 30.5 +1.0
AKH	comp=Z,31nm,0.8s		Iamb	Iamb	08 17 31.8
CASY	Casey	76.39 185	P	P	08 17 28.0 -0.6
CUKT	Kukurca	76.41 306	eP	P	08 17 29.6 -0.1
KBZ	Khabaz	76.80 313	eP	P	08 17 30.9 -0.6
KBZ	comp=Z,20nm,1.0s,baz=84,slow=2.9,SNR=11		LR	LR	08 56 03.2
AKDM	Akdamar-Van	76.87 307	eP	P	08 17 33.0 +0.7
KIV	Kislovodsk	76.95 313	eP	P	08 17 32.8 +0.3
KIV	comp=Z,169nm,1.0s		MLR	MLR	
KIV	Kislovodsk	76.95 313	P	P	08 17 31.8 -0.8
KIV	comp=Z,58nm,1.0s		Iamb	Iamb	08 17 34.4
SVW2	Sparrevohn	77.04 29	P	P	08 17 33.0 +0.4
SVW2	comp=Z,33nm,1.2s		Iamb	Iamb	08 17 34.9
VRH	Novokhopovsk	77.55 320	eP	P	08 17 34.4 -1.2
VRH	comp=Z,60nm,0.9s				
DAGI	Agillar	77.59 310	iP	P	08 17 38.0 +1.8
DAGI	comp=Z,163nm,0.6s				
GURO	Guroymak-BITLI	77.60 307	eP	P	08 17 37.5 +1.1
DBAD	Bademkaya	77.76 310	iP	P	08 17 39.0 +1.8
DBAD	comp=Z,739nm,0.4s				

IMAR	Indian Mountain	78.14 24	P	P	08 17 39.2 +0.6
HMH	Humu'ula Sheep	78.14 24	P	P	08 17 39.7 -0.1
KDAD	Kodiak Island	78.47 33	P	P	08 17 40.2 -0.3
KDAD	comp=Z,27nm,0.8s,baz=243,slow=5.9,SNR=17				
KDAD	Kodiak Island	78.47 33	iP	P	08 17 41.3 +0.7
BNGB	Bingol	78.64 308	eP	P	08 17 42.9 +0.8
BINT	Bingol	78.79 308	eP	P	08 17 43.5 +0.5
BAYB	BAYBURT	78.89 309	iP	P	08 17 45.4 +1.9
BAYB	comp=Z,23nm,0.5s				
MAZI	Mazidag	78.91 306	eP	P	08 17 43.6 0.0
SKT	Skwentna	79.01 29	P	P	08 17 43.2 -0.3
SKT	comp=Z,41nm,1.0s		Iamb	Iamb	08 17 44.4
VORD	Divnogorie	79.08 320	eP	P	08 17 42.0 -2.1
VORD	comp=Z,80nm,0.5s				
DYBB	Diyarbakir	79.12 307	eP	P	08 17 45.6 +0.9
DYBB	Storozhevoye	79.15 320	eP	P	08 17 42.4 -2.1
DYBB	comp=Z,30nm,0.9s				
LPSR	Galich'ya Gora	79.25 322	eP	P	08 17 43.8 -1.2
LPSR	comp=Z,50nm,1.0s				
BPAW	Bear Paw Mtn.	79.26 26	P	P	08 17 45.3 +0.4
KTH	Kantishna Hill	79.29 27	P	P	08 17 45.7 +0.6
BRLK	Bradley Lake	79.34 31	P	P	08 17 44.8 -0.6
BRLK	comp=Z,43nm,1.0s		Iamb	Iamb	08 17 48.9
MLY	Manley	79.37 26	P	P	08 17 45.7 +0.3
MLY	comp=Z,55nm,1.2s		Iamb	Iamb	08 17 47.5
SUA	Susitna One	79.39 29	P	P	08 17 43.2 -2.5
SUA	comp=Z,61nm,0.9s		Iamb	Iamb	08 17 47.1
TRF	Thorofare Moun	79.57 27	P	P	08 17 46.4 -0.3
TRF	comp=Z,41nm,1.0s		Iamb	Iamb	08 17 48.0
COLD	Coldwater	79.58 23	P	P	08 17 47.7 +1.2
TOLK	Toolik Lake Re	79.81 22	P	P	08 17 48.5 +0.7
TOLK	comp=Z,24nm,0.9s				
TOLK	Toolik Lake Re	79.81 22	P	P	08 17 48.4 +0.6
TOLK	comp=Z,24nm,0.9s		Iamb	Iamb	08 17 52.9
RC01	Rabbit Creek A	79.88 30	P	P	08 17 47.9 -0.4
RC01	comp=Z,53nm,1.1s		Iamb	Iamb	08 17 49.1
MOS	Moscow	79.91 325	eP	P	08 17 44.5 -3.9
MOS	comp=Z,58nm,1.4s				
SEW	Seward	80.05 31	P	P	08 17 48.2 -1.0
SEW	comp=Z,41nm,1.0s		Iamb	Iamb	08 17 56.2
NEA	Nenana	80.08 26	P	P	08 17 49.5 +0.3
NEA	comp=Z,30nm,1.0s		Iamb	Iamb	08 17 51.5
PMR	Palmer	80.16 29	P	P	08 17 50.0 +0.3
PMR	comp=Z,44nm,0.9s				
PMR	Palmer	80.16 29	P	P	08 17 50.0 +0.3
PMR	comp=Z,44nm,0.9s		Iamb	Iamb	08 17 50.6
MCK	McKinley	80.17 27	P	P	08 17 49.9 +0.1
MCK	comp=Z,89nm,1.0s				
MCK	McKinley	80.17 27	P	P	08 17 49.9 +0.1
URFA	Urfa	80.21 306	eP	P	08 17 50.9 +0.3
RND	Reindeer	80.22 27	P	P	08 17 49.6 -0.5
RND	comp=Z,89nm,1.3s				
RND	Reindeer	80.22 27	P	P	08 17 49.6 -0.5
RND	comp=Z,89nm,1.3s		Iamb	Iamb	08 17 51.7
GHO	Glory Hole Cre	80.25 29	P	P	08 17 50.2 -0.2
GHO	comp=Z,27nm,1.0s		Iamb	Iamb	08 17 51.5
KEMA	Kemalije	80.31 308	iP	P	08 17 52.3 +1.1
KEMA	comp=Z,437nm,0.6s				
MDM	Murphy Dome	80.43 26	P	P	08 17 51.3 +0.1
MALT	Malatya	80.44 307	eP	P	08 17 52.5 +0.6
KNK	Knik Glacier	80.49 29	P	P	08 17 51.7 +0.2
SML	Sawmills	80.53 29	P	P	08 17 52.4 +0.7
OBN	Obrninsk	80.54 324	iP	P	08 17 50.9 -0.9
OBN	comp=Z,93nm,18.6s,baz=25,slow=39				
OBN	Obrninsk	80.54 324	eP	P	08 22 44.0
OBN	comp=Z,62nm,1.7s				
OBN					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUW Suwalki, C36M Suwalki, MLR Muntele Rosu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUYB Guaymas, Santa Rosalia, La Paz, etc.

IDC 20 08:46:36.5:1.5, 58.75S:29.41W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.8/18, mbtmp3.8/3, MS3.7/4, Ms1 3.7/4, ms1mx3.3/18, Error ellipse: s-maj=61.0km s-min=46.6km az=45.0

ISCJBJ 20 08:46:37.1:0.7, 58.75S:0.1:29.31W:0.3, h10km, mb3.8/3, MS3.8/4, Error ellipse: s-maj=27.2km s-min=11.9km az=145.1

NEIC 20 08:46:45.3:2.0, 58.80S:0.08:29.7W:0.4, h6h6km, 9km, mb4.4/6

ISC 20 08:46:38.3:0.9, 58.8S:0.2:29.2W:0.2, h10km, n19, 057712, mb4.2/5, MS3.7/4, South Sandwich islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like HOPE Hope Point, SNAAN Snaae, TRQA Tornquist, etc.

NIC 20 08:50:00.9:0.0, 32.95N:35.26E, h22km, 35km, M3.5/5

NSCC 20 08:50:04.4:0.4, 33.28N:35.71E, h2km, 15km, ML3.4

ISCJBJ 20 08:50:04.1:0.0, 32.78N:35.87E, h0km, mb3.5/2, mb1 3.6/4, mb1mx3.4/7, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=138.7km s-min=98.3km az=142.0

ISCJBJ 20 08:50:04.2:0.3, 32.87N:0.01:35.56E:0.02, h13km, 2km, mb3.4/2, Error ellipse: s-maj=3.3km s-min=1.9km az=8.5

ISCJBJ 20 08:50:05.0:0.3, 32.85N:35.57E, h4km, 1km, MD3.5

ISCJBJ 20 08:50:05.0:0.3, 32.86N:0.01:35.57E:0.02, h11km, 6km, n79, c1920/120, Dead Sea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SHMJ Saham, MMAAB Mount Meron ar, KSHET Keshet, etc.

ISCJBJ 20 08:51:32.3:0.9, 57.5S:0.3:150.8E:0.3, h65km, mb3.3/5, Error ellipse: s-maj=57.1km s-min=9.8km az=44.3

ISCJBJ 20 08:51:33.3:2.2, 57.4S:150.85E, h63km, 22km, mb3.2/5, mb1 3.5/5, mb1mx3.4/40, mbtmp3.8/5, MS3.5/1, Ms1 3.5/1, ms1mx2.6/18, Error ellipse: s-maj=63.4km s-min=16.4km az=129.2

ISC 20 08:51:33.3:1.2, 57.5S:0.3:150.9E:0.3, h65km, n8, 0583/8, mb3.3/5, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KRVT Keravat (AS076), KRVT Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MZDA El Lisan, LISJ Sqaqa, SWQU Daraweish, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KZIT Kziot, KZIT Kziot, KZIT Kziot, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PARAL Paralimni, PRNI Parali, HSNJ Maan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MVOU Mavrovouni, MVOU Asgata, ASGA Asgata, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CSS Mathiatis, CSS Parani Flat, KRMI Mount Harif, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like EREN Erenkoy, SZAC Sencik, SZAC Sencik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MBRI Mt Beresh, MBRI Nata, MBRI Agaba, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LEF Lefka, LEF Lefka, EIL Elat, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GULL MERSIN Gulnar, GULL MERSIN, KIZK Mersin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KUZU Kuzuini, GAZI Gazipasa, GAZI Sencik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SURC SANLIURFA, SURC Sencik, SURC Sencik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like KEPZ Antalya-Kepez, KEPZ Antalya, YAHY KAYSERI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like AKAS AKAS, FETY Fethiye, FETY Fethiye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GOLH Golhisar, GOLH Golhisar, DALY Dalian (Mula), etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like BRTR Keskin Array B, BRTR Keskin Array B, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DAT Data, DAT Data, DAT Data, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like USAK Uak-Merkez, USAK Uak-Merkez, AKAS Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like VYHS Vyhne, GERES GERES Array B, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LCAR Lake Charles, LCAR Lake Charles, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like OGNE Ogallala, OGNE Ogallala, OGNE Ogallala, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like X43A Marvell, X43A Marvell, FVM French Village, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Q24A Divide, JCT Junction City, SCIA State Center, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ISCO Idaho Springs, SIUC Southern Illin, ECSD EROS Data Cent, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like P43A Skaggs, Pawnee, ANMO Albuquerque, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like S22A 4UR Ranch, Cre, L40A Anamosa, L40A Anamosa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like N23A Red Feather La, N23A Red Feather La, HDIL Hopedale, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JFWS Jewell Farm, TX32 Lajitas Array, PV02 Paradox Valley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, AKAS Malin Array Be, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ISLVB 20 09:17:47.7:0.3, 36.55N:0.02:97.82W:0.02, h10km, Error ellipse: s-maj=3.3km s-min=2.8km az=4.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like U32A Winter Ranch, ADOK Arcadia Dam, FNO Franklin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TUL1 Leonard, TUL1 Leonard, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TUL1 Leonard, TUL1 Leonard, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like W39A Magazine, W39A Magazine, W39A Magazine, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like W39A Magazine, W39A Magazine, W39A Magazine, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like W39A Magazine, W39A Magazine, W39A Magazine, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, KKAR Karatay Mountain, AFDM Forest Hills D, etc.

ISCJB 20 10:30:33.9.0.5, 9.68N; 123.83E; 0.09, h10km, mb3.9/9, Error ellipse: s-maj=14.5km s-min=7.5km az=153.0

IDC 20 10:30:34.1.1.0, 9.61N; 123.79E, h0km, mb4.0/9, mb1 4.2/9, mb1mx3.9/48, mbtmp4.0/9, MS3.2/8, Ms1 3.2/8, ms1mx2.9/50, Error ellipse: s-maj=58.1km s-min=15.3km az=65.0

NEIC 20 10:30:35.7.2.0, 9.77N; 123.85E; 0.1, h10km, mb4.5/15

MAN 20 10:30:35.9.0.69N; 123.57E, h5km, MS4.3

ISC 20 10:30:37.0.8.7N; 123.8E; 0.1, h10km, n44, c18/35, mb4.2/14, Negroes

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), TGY Tagaytay City, KKM Kota Kinabalu, etc.

IDC 20 10:30:59.0.1.4, 52.41N; 169.25W, h0km, mb3.7/6, mb1 3.9/9, mb1mx3.6/54, mbtmp3.7/9, ML3.3/3, MS3.5/1, Ms1 3.5/1, ms1mx2.5/63, Error ellipse: s-maj=37.2km s-min=19.5km az=170.0

ISCJB 20 10:31:03.1.1.2, 52.52N; 169.3W; 0.2, h40km, mb3.6/6,

2013 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MS3.5/1, Error ellipse: s-maj=30.3km s-min=14.2km, KODAK Kodiak Island, etc.

ANF 20 10:40:32.9.0.2, 45.63N; 77.44W, h17km, ML3.8/102, Error ellipse: s-maj=1.2km s-min=1.1km az=160.0

ISCJB 20 10:40:33.4.0.2, 45.628N; 0.009; 7.45W; 0.01, h29km, 1km, Error ellipse: s-maj=1.5km s-min=1.3km az=162.7

NEIC 20 10:40:33.4.0.1, 45.59N; 0.03; 7.43W; 0.04, h19km, 5km

OTT 20 10:40:33.4.0.1, 45.61N; 77.45W, h18km, MN3.6/20

ISC 20 10:40:33.4.0.9, 45.63N; 0.01; 7.45W; 0.01, h18km, 4km, n222, c19/30/392, 1C-1D, Southern Ontario

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEMO Pembroke, CRLO Chalk River, G54A Lake Saint Pet, etc.

20d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H56A Orleans, Herit, ORHO Orleans, Herit, etc.

20d 10h

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like DRWO, H52A, PKRO, D50A, LONNY, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like K55A, K57A, K57A, E58A, J59A, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like L61A, F61A, F61A, G47A, K50A, etc.

DC 20 10:48:07.3:2.0, 47:02N:155:44E, h0km, mb3.7/3, mb1 3.9/6, mb1mx3.5/5.1, mbtm3.7/6, ML3.1/3, MS2.9/3, Ms1 2.9/3, ms1mx2.4/65, Error ellipse: s-maj=50.9km s-min=28.1km az=152.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KUR, PETK, YUK, YUK, YUK, etc.

SJA 20 10:52:20.6:0.8, 24:00S:67:01W, h207km, 7km, ML2.9, MW3.1, h191km, 12km, Error ellipse: s-maj=10.3km s-min=5.2km az=29.0

GUC 20 10:52:22.5:0.5, 23:97S:67:48W, h220km, 29km, ML3.8, h207km, 22km, n20, 0990/32, 8C, Chile-Argentina border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mina Guanaco, IPOC Station P, AHML Horco Molle, etc.

ISCJB 20 11:06:42.0, 2.22S, 0.05E, 136.52E, 0.03, h33km, mb3.9/2, MS3.1/1, Error ellipse: s-maj=6.8km s-min=4.3km az=13.4

DJA 20 11:06:42.9, 0.4, 2.7S, 7.13E, h33km, mb3.6/1, MLV4.0/6

NEIC 20 11:06:46.3, 2.5, 2.56S, 0.09, 136.56E, 0.08, h25km, 8km, mb3.6/7

ISC 20 11:06:44.2, 0.9, 2.13S, 0.08, 136.52E, 0.04, h35km, n26, c1584/25, mb3.9/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Serui, Papua, Biak, Sarmi, etc.

ISC 20 11:13:37.3, 7.2, 17N, 99.82W, h0km, mb3.7/4, mb1.4/2, mb1mx3.7/47, mbtmp3.7/4, Error ellipse: s-maj=216.3km s-min=57.5km az=89.0, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lajitas Array, Mina Array Bea, etc.

ISC 20 11:14:55.9, 0.9, 2.05N, 100.11W, h0km, mb4.1/8, mb1.4/3, mb1mx4.0/46, mbtmp4.1/9, ML3.9/1, MS4.1/2, Ms1.4/1, ms1mx3.8/36, Error ellipse: s-maj=34.0km s-min=18.6km az=45.0

ISCJB 20 11:14:58.2, 0.7, 2.27N, 0.10, 99.91W, 0.08, h10km, mb4.0/8, MS4.0/1, Error ellipse: s-maj=16.8km s-min=7.4km az=38.5

NEIC 20 11:14:59.0, 2.5, 2.2N, 0.1, 99.98W, 0.04, h10km, 1km, mb4.4/47

GCMT 20 11:15:00.0, 0.5, 2.25N, 0.03, 99.68W, 0.04, h21km, 1km, MW4.9/72, Moment Tensor Solution, s20, c25, s72, c90; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-2.78z; 19; Mw-2.31z; 13; Mww-0.46z; 11; Mw-0.05z; 22; Mw-0.38z; 09; Mw-0.08z; 23; Best double couple: Ms2.58400x10^19; NP1: 100.00000, 845.00000, -92.00000, -92.00000, -92.00000, 845.00000, -88.00000, -88.00000. Principal axes: T 2.3850, P1g.0000, Azm191.0000; N 0.3910, P1g2.0000, Azm10.0000; P -2.7830, P1g8.0000, Azm296.0000; nstaz refers to surface body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 11:14:58.4, 0.8, 2.1N, 0.1, 100.10W, 0.1, h10km, n87, c1512/74, mb4.3/25, MS4.1/11, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Matias Romero, El Apazote, Las Juntas de, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Las Juntas de, Tequiguipa, Estel, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TLIG Tlapa, CCIG Comitán, JTS Las Juntas de, etc.

20d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PENMO, GMRC, MGMO, PBMO, V48A, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like S50A, T52A, T52A, T52A, T53A, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MOD, YHL, QLMT, N02D, G39A, etc.

ADC 20 11:21:10.9:3.3, 1.92N-99.06W, h0km, mb3.5/4, Error ellipse: s-maj=231.5km s-min=36.0km az=88.0, West of Galapagos Islands
Code Station Name Az El Phase ID Time Res
TXAR Lajitas Array 27.61 35.1 Op P 11 27 01.3 +1.0

20d 12h

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Table with columns for station ID, name, frequency, and other details. Includes stations like PV20 West Nyswonger, PV07 Paradox Valley, PV14 Lion Creek, PA, X57A Johnson Farm, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like R11A Troy Canyon, C Hillsboro, N23A Red Feather La, T55A Pulaski, V59A Middlesex, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like ELK Elko, O51A Pataskala, R57A Stansardsville, M47A Cromwell, R58A Rapidan, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like REDW, N53A, N53A, SNOW, TPWA, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KNDS, CEY, SKDS, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TRI, LJU, VOJS, VNDS, BOUS, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BHL, DORL, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like QASNI, QASNO, QASNS, etc.

MAN 20 12:48:27.9, 10:07N:124:19E, h4km, MS3.8, Leyte

GLI 20 12:54:05.8:0.2, 32:86N:35:57E, h5km, MD3.5/4
NSSC 20 12:54:06.3:0.3, 32:80N:35:65E, h7km, ML3.2
NEIC 20 12:54:06.5:2.3, 32:85N:0:01:35:58E:0.03, h11km, 5km
JSO 20 12:54:06.7:0.5, 33:1N:33:3E, h3km, 4km, M3.4/12,
Mjma3.4/12, ML2.9/9, MLV3.6/12
ISCJB 20 12:54:06.7:0.3, 32:86N:0:01:35:56E:0.02, h12km, 2km,
Error ellipse: s-maj=3.5km s-min=2.0km az=11.2
GRAL 20 12:54:07.1:0.3, 32:83N:35:55E, h3km, 1km, MD3.5
DDA 20 12:55:09.6, 33:35N:35:11E, h1km, ML3.7
ISC 20 12:54:06.9:0.6, 32:85N:0:02:35:58E:0.02, h13km, 6km,
n72, r19/110, Dead Sea region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SHMJ, MMAOB, KSHT, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like GULN, KIZK, GAZI, etc.

20d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAVA Damuels, DAVA comp=Z,2.5nm,0.3s, DAVA comp=Z,4.9nm,0.4s, etc.

MAN 20 14:55:46.5,9.81N,123.94E, h5km, MS4.4, Negros

ISCJ 20 14:56:31.1,1.6,4.98N,93.01E, h0km, mb3.3, mb1 3.7/5, mb1mx3.4/37, mbtmp3.6/5, ML3.4/2, Error ellipse: s-maj=62.5km s-min=24.7km az=40.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat, PALK Pallekele, H08S3 Diego Garcia H, etc.

MAN 20 15:10:10.0,9.92N,123.93E, h5km, MS4.5, Negros

ISCJ 20 15:17:17.7,0.5,3.3N,0.1,1.31:38W,0.08, h10km, mb3.8/13, MS3.6/9, Error ellipse: s-maj=16.5km s-min=8.9km az=146.9

ISCJ 20 15:17:18.2,0.8,3.27N,31.42W, h0km, mb3.8/13, mb1 4.1/13, mb1mx3.9/47, mbtmp3.8/13, MS3.6/9, Ms1 3.7/9, ms1mx3.3/30, Error ellipse: s-maj=30.4km s-min=17.4km az=140.0

NEIC 20 15:17:19.4,1.9,3.44N,0.10:31.5W,0.1, h10km, 1km, mb4.7/13

ISCJ 20 15:17:19.6,0.6,3.3N,0.1,31.5W,0.1, h10km, n54, o#84/40, mb4.2/16, MS3.5/9, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RCBR Riachuelo, H10N3 ASCENSION HYDR0.23 123, H10N2 ASCENSION HYDR0.23 123, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEC2 GERESS Array S, GEC2 GERESS Array S, GERES GERESS Array B, etc.

ISCJ 20 15:24:08.9,2.8,2.29N,100.43W, h0km, mb3.8/6, mb1 4.2/6, mb1mx3.8/38, mbtmp3.8/6, MS3.8/17, Ms1 3.8/17, ms1mx3.7/29, Error ellipse: s-maj=99.9km s-min=21.0km az=47.0

ISCJ 20 15:24:10.4,1.0,2.6N,0.1,100.0W,0.2, h10km, mb3.6/6, MS3.8/14, Error ellipse: s-maj=28.9km s-min=10.2km az=137.3

NEIC 20 15:24:13.0,1.5,2.6N,0.1,99.9W,0.2, h15km, 6km, mb4.3/27

ISCJ 20 15:24:11.9,1.6,2.6N,0.2,100.0W,0.2, h10km, n63, o#93/44, mb4.2/18, MS3.9/14, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMIG Matias Romero, APG El Apazote, JTS Las Juntas de, TEIG Tepich, BCIP Isla Barro Col, LPIG La Paz, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IL31 Eielson Array, ILAR Eielson Array, ILAR comp=Z,0.5nm,0.7s,baz=147,slow=5.4,SNR=7.7, etc.

ISCJ 20 15:51:47.7,1.7,19.07S,177.54W, h612km, 32km, mb2.9/3, mb1 3.2/5, mb1mx2.9/27, mbtmp4.1/5, Error ellipse: s-maj=33.4km s-min=27.4km az=128.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFZ Afiamalu, URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJ 20 16:04:35.0,1.0,17.8S,0.1,168.8E,0.2, h200km, mb3.7/8, Error ellipse: s-maj=23.2km s-min=15.5km az=23.2

ISCJ 20 16:04:36.2,2.7,17.82S,168.81E, h199km, 25km, mb3.4/8, mb1 3.6/10, mb1mx3.5/28, mbtmp4.0/10, Error ellipse: s-maj=29.8km s-min=20.5km az=141.0

ISCJ 20 16:04:36.3,1.1,17.8S,0.1,168.8E,0.2, h200km, n10, o#96/10, mb3.8/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dumac, HNR Honiara, CTA Charles Tower, STKA Stephens Creek, etc.

KRNET 20 16:29:22.5,0.1,42.56N,79.61E, h19km, mb2.8

SOME 20 16:29:23.3,42.57N,79.53E, h15km

NINC 20 16:29:23.7,0.9,42.62N,79.56E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=5.7km s-min=3.4km az=140.0

ISCJ 20 16:29:22.4,1.9,42.55N,0.05:79.57E,0.05, h2km, n12km, n50, o#96/90, 14C-11D, Lake Issyk-Kul region

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KDJ Kajisay, KDJ Kotyrbulak, KOTS Kotyrbulak, etc.

ISCJB 20 16:49:52.9, 0.5, 72.36N, 0.04, 3.0E, 0.1, h10km, mb3.3/5, MS2.9/5, Error ellipse: s-maj=6.8km s-min=5.3km az=40.4

ISC 20 16:49:54.0, 0.8, 72.33N, 2.57E, h0km, mb3.4/5, mb1 3.7/12, mb1mx3.5/51, mbtmp3.6/12, ML3.1/7, MS2.9/11, Ms1 2.9/11, ms1mx2.7/44, Error ellipse: s-maj=20.9km s-min=15.1km az=53.0

NAO 20 16:49:53.8, 1.8, 72.33N, 2.73E, ML3.4 BER 20 16:49:57.0, 1.8, 72.40N, 2.45E, h10km, ML2.4, Confirmed Earthquake

ISC 20 16:49:54.7, 0.7, 72.38N, 0.07, 2.89E, 0.06, h10km, n44, c205/45, mb3.4/5, MS2.9/5, Norwegian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMW Jan Mayen West, JMJC Jan Mayen, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KONS Kingsbay, KBS Kingsbay, STOK Stokkvaegen, etc.

ISC 20 16:54:50.9, 1.9, 6.57S, 128.57E, h0km, mb4.0/1, mb1 3.5/3, mb1mx3.3/28, mbtmp3.4/3, ML3.2/2, Error ellipse: s-maj=118.7km s-min=30.2km az=67.0, Banda Sea

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

ISCJB 20 17:02:46.0, 0.8, 37.48N, 0.05, 144.71E, 0.06, h33km, Error ellipse: s-maj=7.0km s-min=6.7km az=152.8

JMA 20 17:02:49.1, 0.2, 37.54N, 144.54E, h49km, M3.8, IDC 20 17:02:52.3, 2.6, 36.21N, 144.25E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/33, mbtmp3.6/4, ML2.5/1, Error ellipse: s-maj=84.9km s-min=26.5km az=49.0

ISC 20 17:02:47.6, 1.4, 37.58N, 0.06, 144.75E, 0.09, h35km, n22, c152/28, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, etc.

MJAR Matsushiro Arr 5.33 261 Pn 17 05 04.7 -0.2

NEM2 Nemuro 2 5.83 7 P Pn 17 04 11.6 +0.1

JYTR Abashiri-Tokio 6.42 355 P S 17 04 20.5 +0.9

H1N2 WAKE ISLAND Hy 26.23 127 T T 17 35 28.7

H1N1 WAKE ISLAND Hy 26.24 127 T T 17 35 26.7

H1N3 WAKE ISLAND Hy 26.25 127 T T 17 35 26.4

H1S1 WAKE ISLAND Hy 27.02 129 T T 17 36 26.1

H1S3 WAKE ISLAND Hy 27.02 129 T T 17 36 24.8

H1S2 WAKE ISLAND Hy 27.03 129 T T 17 36 27.3

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PFO Pinyon Flats O, MURC Murrieta, BBRC Big Bear Solar, etc.

ISC 20 17:06:27.0, 1.2, 52.56N, 176.29W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.5/34, mbtmp3.6/6, ML3.5/2, Error ellipse: s-maj=67.7km s-min=21.2km az=140.0, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KDAK Kodiak Island, ILAR Eielson Array, etc.

H1N2 WAKE ISLAND Hy 35.28 208 T T 17 50 28.9

H1N3 WAKE ISLAND Hy 35.29 208 T T 17 50 27.0

H1N1 WAKE ISLAND Hy 35.30 208 T T 17 50 20.0

H1S1 WAKE ISLAND Hy 36.50 208 T T 17 52 04.0

H1S2 WAKE ISLAND Hy 36.52 208 T T 17 51 57.8

H1S3 WAKE ISLAND Hy 36.52 208 T T 17 51 57.9

WRA Lajitas Array 56.96 84 P P 17 16 13.3 -0.8

ASAR Alice Springs 87.42 225 P P 17 19 16.7 +0.8

ATH 20 17:09:22.9, 37.90N, 21.06E, h31km, ML2.0/5, Error ellipse: s-maj=2.4km s-min=1.0km az=359.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KFL Anninata, KFL Anninata, etc.

VLS Valsamata 0.47 307 P Pn 17 09 33.4 -0.1

VLS Valsamata 0.47 307 P S 17 09 40.5 -0.2

VLS Valsamata 0.47 307 P S 17 09 41.5

20d 17h

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

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Table with columns: STIP, Stip, Time, Res, ISC. Lists stations and their associated data points.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations and their associated data points.

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

IDC 20 18:35:42.6:24.0, 15:21S:74.54W, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/32, mbtmp3.5/3, ML3.5/1, MS2.5/1, Ms1 2.6/1, ms1mx2.4/15, Error ellipse: s-maj=949.6km s-min=35.7km az=27.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like LAPAZ La Paz, TORO Torodi Ar, WRA Warramunga Arr, etc.

NEIC 20 18:48:03.8:2.0, 6:45S:108.155:09E:0.07, h35km, 1km, mb5.1/140, BUJ 20 18:48:04.9:0.0, 6:31S:155.42E, h70km, mb5.0/54, mB5.2/33, Ms4.8/14, Ms7.4/6/10, MOS 20 18:48:05.8:0.9, 6:33S:155.04E, h61km, mb5.2/13, Error ellipse: s-maj=8.0km s-min=6.9km az=104.1, ISCJB 20 18:48:06.9:0.8, 6:46S:103.154:97E:0.02, h72km, 7km, mb5.3/107, Error ellipse: s-maj=4.9km s-min=3.9km az=178.2, GCMT 20 18:48:06.8:0.2, 6:73S:102.154:99E:0.02, h50km, MW5.0/78, Moment Tensor Solution, s78:c98, s77:c106, Duration: 0 Moment tensor: Scale 10^10Nm, M4.44±.13, Mw=2.31±.07, Mb=2.13±.09, Ms=0.13±.09, Ms2=6.7±.08, Mw=0.19±.08, Best double couple: M4.67200x10^16 NP1=137.00000°, S45.00000°, P45.00000°, Principal axes: T 4.4530, P1g87.0000°, Azm130.0000°, N 0.4390, P1g3.0000°, Azm314.0000°, P -4.8920, P1g0.0000°, Azm224.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 20 18:48:08.9:1.3, 6:48S:155.04E, h80km, 11km, mb4.7/21, mb1 4.8/27, mb1mx4.7/33, mbtmp5.0/27, MS4.0/16, Ms1.4/1/6, ms1mx4.0/20 Error ellipse: s-maj=10.7km s-min=9.4km, DJA 20 18:48:08.9:0.8, 6:53S:155.5E, h87km, 7km, M5.4/53, mB5.8/13, mb5.2/53, Mw(mb)5.4/13, ISC 20 18:48:09.5:0.8, 6:50S:104.155:08E:0.04, h88km, 6km, n796, c096/818, mb5.1/150, 21C-15D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KRVT Kravat, HNR Honiara, WSI Waingapu, etc.

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MPSI Mapaga, PLAI Plampang, PSA00 Pilbara Seismic, etc.

20d 18h

Table with columns: Station Name, Frequency, Power, Modulation, and Time. Includes stations like BMN Battle Mountain, HEC Hecto, BELC Belle Mtn, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Time. Includes stations like U49A Red Boiling Sp, AKASO Malin Array B, AKASG Malin Array B, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Time. Includes stations like D53A Lac Vaciue, W53A Culwhoe, T53A Wise, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Q56A Snyder Ridge, N56A West Decatur, K56A Middlesex, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P60A Greenville, W60A Pink Hill, J60A Lant Hill Farm, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like YVA Yavi, YJA Yavi, YJA Yavi, etc.

ISK 20 19:05:58.6, 38°76N-43°42E, h5km, ML2.1/3
DDA 20 19:05:59.8, 38°76N-43°46E, h7km, 3km, ML2.6
ISCJB 20 19:06:00.1, 1.1, 37.74N, 0.06-43.5E, 0.1, h22km, 9km,
Error ellipse: s-maj=16.3km s-min=5.8km az=32.6
ISC 20 19:05:59.9-1.1, 38.77N, 0.04-43.45E, 0.05, h13km, 9km,
n8, 0.05/5/14, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VANB Van, VMUR Van-Muradiye, TVAN Van, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GKN Gorkha, DANN Dangsing, KOLN Koldanda, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DHRM DHARAMSHALA, KSH Kashi, CHCP Chirah Chowk, etc.

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

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

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like SORM Soroca, IPM Iph, MFRF Murfatlar, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like ZIMR, VOIR, COPA, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like VAY, BZS, BZS, etc.

20d 19h

Table with columns for station name, frequency, power, and signal quality. Includes stations like TIH, SMOL, SMOL, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like LOF, CLL, CLL, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like BER, FOO, ASK, etc.

Table with columns: IJAR, Matushiro Arr, 149.28 311, PKPbc, PKIKP, 22 11 13.8 +0.5, etc.

KRSC 2012:56:31.7:1.4, 49.56N, 156.22E, h84km, 15km, ML3.9, Kuril Islands

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

BJJ 20 22:24:18.7, 0.0, 10.156:161.66E, h70km, mb4.9/40, m85.1/32, Ms4.9/13, Ms7.4/6/13

ISCJB 20 22:24:20.0, 0.8, 10.50S:0.03:161.15E:0.03, h76km, 6km, mb4.7/55, Error ellipse: s-maj=5.1km s-min=4.7km az=160.4

IDC 20 22:24:19.7, 0.6, 10.46S:161.33E, h61km, 4km, mb4.5/26, mb1.4/6/29, mb1mx4.5/42, mbtmp4.7/29, MS4.0/23, Ms1.4/0/23, ms1mx4.0/29, Error ellipse: s-maj=10.7km s-min=9.3km az=32.0

NEIC 20 22:24:20.4, 1.2, 10.45S:0.07:161.28E:0.08, h74km, 5km, mb4.8/105

GCMT 20 22:24:21.5, 0.2, 10.50S:0.01:161.22E:0.01, h54km, 1km, MW5.2/116, Moment Tensor Solution: s84, c124, s116, c189; Duration: 1s0; Moment tensor: Scale 1016 Nm; Mw: 4.25; 16; Mw: 4.97; 14; Mw: 2.52; 15; Mw: 4.39; 14; Mw: 4.44; 13; Mw: 1.75; 12; Best double couple: Mo: 7.5700e+10; NP1: 257.00000; 877.00000; 143.00000; NP2: 155.00000; 848.00000; 1.163.00000

Principal axes: T 7.3900, P1g39.0000, Azm125.0000; N 0.7350, P1g45.0000, Azm270.0000; P -8.1240, P1g19.0000, Azm20.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function MOS 20 22:24:21.7, 0.0, 10.46S:161.18E, h89km, mb4.9/18 Error ellipse: s-maj=8.4km s-min=8.3km az=102.6

ISC 20 22:24:20.0, 0.5, 10.47S:0.05:161.30E:0.05, h68km, 4km, h68km; p-P, n271, c125/262, mb4.8/92, 7C-9D, Bougainville-Solomon Islands region

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

Main table with columns: STKA, Stephens Creek, 28.04 218, P, P, 22 30 05.3 +0.3, etc.

Table with columns: XAN, Xi'an, 66.54 314, P, P, 22 35 04.5 +1.3, etc.

20d 23h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DANN Danging, ILAR Elsieon Array, ILAR Elsieon Array, etc.

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

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABTX Abilene, Hawle, ANMO Albuquerque, etc.

Table with columns: JOW, Kunigami, 17.46 13 P, Pn, 23 07 24.5 +0.3, etc. Lists various locations and their corresponding data points.

Table with columns: KASI, Kota Agung, 24.71 233 P, P, 23 08 42.8 +2.3, etc. Lists various locations and their corresponding data points.

Table with columns: MAJO, Matsushiro, 29.60 23cP, P, 23 09 23.4 -0.8, etc. Lists various locations and their corresponding data points.

20d 23h

Table with columns for call sign, frequency, power, and other technical details. Includes entries for CTAO, ASAJ, TAPN, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes entries for POO, MCGD, CAN, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes entries for KURK, KURK, KURK, etc.

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Table with columns: PRGR, comp, elevation, azimuth, distance, elevation error, azimuth error, distance error, status, and other parameters. Includes entries like Permogore, Tsey, Caldrian, Casey, Akhalkalaki, etc.

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Table with columns: FID, Port Fidalgo, elevation, azimuth, distance, elevation error, azimuth error, distance error, status, and other parameters. Includes entries like Porcupine Dome, Burnt Mountain, Kahramanmaras, etc.

20d 23h

Table with columns: MAW, comp, elevation, azimuth, distance, elevation error, azimuth error, distance error, status, and other parameters. Includes entries like Suwalki, Muntele Rosu, Buucovina Array, etc.

20d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG, YKA, ARSA, CLL, SOKA, KHC, GERES, MOA, KBA, SYO, ABTA, NLWA, WTTA, WATA, SQTA, MOTA, RETA, FETA, DAVA, F04A, LTY, I04A, B08A, J04D, J04J, J05D, O02D, M04C, NEWC, NEW, O03E, KVN, NVAR, PDAR, PDAR, O20A, RSSD, ESDC, MVCO, W18A, ISCO, SDCC, ANMO, T25A, 121A, ECSD, G39A, G40A, MNTX, D65X, MSTA, KSU1, CHGO, TOA0, TORO, TORD, D47A, LSQD, E47A, JFW5, L40A, E48A, D50A, F48A, TXAR, TXAR, TXAR, E50A, WMOK.

2013 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like K43A, D52A, I48A, E52A, F52A, D55A, E54A, D56A, J47A, K46A, BUKO, M44A, LATQ, J48A, K47A, PEMO, J49A, G53A, CLWO, P43A, JCT, BANO, E58A, IS2A, CCM, CCM, G55A, H53A, PLV0, L48A, ORIO, U40A, M48A, WHTX, E61A, E62A, N47A, F07A, W39A, DRWO, G57A, M49A, F61A, N48A, P46A, E63A, N49A, MIAR, O48A, S44A, 833A, H59A, F64A, J55A, I57A, W41B, O49A, N50A, P48A, K55A, I58A, O50A, P49A, Q48A, M53A, K56A, I59A, J58A, ACSO, LBNH, L55A, N52A, I60A, J59A, WCI, WCI, K57A, M54A, O51A, H65A, L56A, N53A, K58A.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like H66A, M55A, N54A, O52A, J60A, HKT, HKT, K59A, O53A, L57A, M56A, T47A, BINY, Q51A, P52A, S49A, L58A, R50A, WVT, WVT, O54A, L59A, K61A, N56A, P53A, R51A, Q52A, M58A, OXF, T49A, O55A, S50A, P54A, M59A, K63A, S5P, S5P, N57A, O56A, R52A, MCW, U49A, N58A, T50A, V48A, S51A, Q54A, R53A, N59A, S52A, Q55A, KIC, DBIC, P56A, T51A, M61A, N60A, V49A, U50A, O58A, TIC, LIC, R54A, P57A, T52A, W49A, O60A, X48A, S54A, V50A, TZTN, P58A, Q57A, R56A, U52A, V51A, W50A, P60A, Q58A, T54A, W51A, V52A, U53A, R57A, Y49A.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like W52A, LRAL, V53A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like UZB, PDGK, SATY, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like LZHZ, SONN, WMO, etc.

SOME 20 23:10:59.5, 42.78N; 79.25E, h10km
NNC 20 23:10:59.8, 0.9, 42.82N; 79.29E, h0km, mb2.8, mpv2.5,
Error ellipse: s-maj=5.7km s-min=2.6km az=151.0
KRN20 23:11:00.1, 0.1, 42.73N; 79.29E, h26km, mb1.0

21d 2h

Table with columns for station call letters, name, frequency, mode, and other parameters. Includes stations like KRBG, ARG, PRAR, RAZGR, etc.

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Table with columns for station call letters, name, frequency, mode, and other parameters. Includes stations like BKNI, SUW, WVR, etc.

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Table with columns for station call letters, name, frequency, mode, and other parameters. Includes stations like EVR, LAKA, KIPRO, etc.

21d 3h

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PMTG, EVO, SICH, RASA, etc.

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Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HYT, YKWS, YKA, etc.

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Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PB12, AHML, PB11, etc.

Station information for AFI Afiamalu, WRA Warramunga, etc. including coordinates and frequencies.

Station information for G57A Newtoning, G59A Chrisman Ranch, etc. including coordinates and frequencies.

Station information for CMBY CAMPBELL BAY, CMBY, etc. including coordinates and frequencies.

Station information for SNSI Sinabang, MLSI Meulaboh, etc. including coordinates and frequencies.

Station information for KULM Kulim, PALK, etc. including coordinates and frequencies.

21d 3h

Table with columns: Code, Station Name, Az, El, Pn, S, M, R, Res. Includes stations like RCON San Juan de Ri, MATN Matagalpa, TLIG Tiapa, etc.

NIED 21 03:33:00, 42:30'N, 143:10'E, h56km, Mw4.9. Best double couple: M2=49000*0.016, NF1=3245.00000*, 3.26, 0.00000*, 1.125, 0.00000*, NP2=26.00000*, 8.69, 0.00000*, 3.74, 0.00000*, BUJ 21 03:33:29.0, 0.0, 42:31'N, 143:47'E, h60km, mb4.7/35, mb4.9/27, Ms4.3/17, Mst 4.2/17

ISCJIB 21 03:33:33.0, 0.3, 42:27'N, 0:03:143:02'E:0:03, h63km, 2km, mb4.7/95, Error ellipse: s-maj=5.0km s-min=2.9km az=145.8

MOS 21 03:33:33.3, 1.0, 42:29'N, 142:97'E, h61km, mb4.8/40, Error ellipse: s-maj=6.4km s-min=4.6km az=96.9

SKHL 21 03:33:33.7, 0.8, 42:20'N, 143:00'E, h67km, 4km, mb5.6/4, msh5.7/3

NEIC 21 03:33:34.3, 1.5, 42:29'N, 0:07:143:0E:0.1, h57km, 6km, mb4.5/103

JMA 21 03:33:34.9, 0.1, 42:32'N, 143:05'E, h50km, 2km, M4.6

JMA Feit III J1, IDC 21 03:33:35.7, 1.8, 42:42'N, 142:97'E, h64km, 15km, mb4.2/33, mb1.4/3/38, mb1mx4.2/53, mbtmp4.4/38, MS4.0/21, Ms1.4/0/21, ms1mx3.8/54, Error ellipse: s-maj=14.0km s-min=10.7km az=151.0

GCMT 21 03:33:37.3, 0.4, 42:30'N, 0:03:143:14'E:0:03, h57km, 2km, MW4.9/65, Moment Tensor Solution, s35,c41, s65,c96; Duration: 0 Moment tensor: Scale 10^19Nm; M2=2.49e+16; Mw=1.2e+08; Best double couple: M2=86600*0.016, NF1=37.00000*, 8.58, 0.00000*, 1.81, 0.00000*, NP2=23.00000*, 8.33, 0.00000*, 1.104, 0.00000*, Principal axes: T 2.8100, Plg75.0000, Azm281.0000; N 0.1120, Plg8.0000, Azm42.0000; P -2.9220, Plg13.0000, Azm134.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 03:33:34.5, 0.6, 42:23'N, 0:04:143:08'E:0:04, h62km, 5km, n392, e132/393, mb4.6/130, 38C-29D, Hokkaido region

Table with columns: Code, Station Name, Az, El, Pn, S, M, R, Res. Includes stations like JTHR Tokachihiroo, ERM Ermo, JEM Ermo, etc.

2013 OCT

Table with columns: Code, Station Name, Az, El, Pn, S, M, R, Res. Includes stations like KUR comp=N,3um,2.3s, KUR comp=E,1um,1.5s, KUR comp=E,458nm,0.5s, etc.

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Table with columns: Code, Station Name, Az, El, Pn, S, M, R, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, YOJ Yonaguni jima, etc.

21d 4h

AGG	comp=Z,4.0nm,1.1s	pmx	pmx		
AGG	Agios Georgios	82.87	318	P	P
AGG	comp=Z,3.5nm,1.1s			Iamb	Iamb
KARP	Karpathos	82.95	312	P	P
VLDQ	Val d'Or	83.18	26	P	P
VLDQ	comp=Z,6.9nm,1.1s			Iamb	Iamb
TX31	Lajitas Ar. Si	85.97	54	Iamb	Iamb
TX32	Lajitas Array	85.97	54	Iamb	Iamb
TXAR	Lajitas Array	85.97	54	P	P
TXAR	Lajitas Array	85.97	54	P	P
TXAR	Lajitas Array	85.97	54	P	P
ESDC	Sonsec Array	93.16	335	Iamb	Iamb
ESDC	Sonsec Array	93.16	335	Iamb	Iamb
TORD	Torodi Ar. Bea	114.45	318	PKP	PKIKP
TORD	comp=Z,0.3nm,0.6s,6.3s,slow=2.5,SNR=7.2			P	P
MAW	Mawson	124.76	207	PKP	PKIKP
LPAZ	La Paz	142.81	55	PKP	PKP
LPAZ	La Paz	142.81	55	PKP	PKP
SNA	Sanae	146.08	199	PKP	PKP
VNA3	Neumayer-Watz	147.66	198	PKP	PKP
VNA2	Neumayer Olymp	147.91	196	PKP	PKP
VNA1	Neumayer-Stat	148.06	198	PKP	PKP

TUN 21 03:52:37.2,35.84N,10.60E,h5km,1km,MD3.3, Tunisia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
HANT	Hania	0.20	267	Op	03 52 40.5	P	03	52	40.5	-0.6
HANT	Hania	0.20	267	iP	03 52 40.5	P	03	52	40.5	-0.6
BKLT	Bekalta	0.39	125	iP	03 52 46.2	-0.4	03	52	46.2	-0.4
BKLT	Bekalta	0.39	125	iP	03 52 46.2	-0.4	03	52	46.2	-0.4
BTHT	Jabal bu Thady	0.76	200	P	03 52 52.5	-0.4	03	52	52.5	-0.4
BTHT	Jabal bu Thady	0.76	200	P	03 52 52.5	-0.4	03	52	52.5	-0.4
TROT	Trozza	0.86	251	iP	03 52 57.1	+1.0	03	52	57.1	+1.0
TROT	Trozza	0.86	251	iP	03 52 57.1	+1.0	03	52	57.1	+1.0
THNT	Thala	1.58	260	iP	03 53 13.8	+6.1	03	53	13.8	+6.1
THNT	Thala	1.58	260	iP	03 53 13.8	+6.1	03	53	13.8	+6.1
SYA	Sidi Yumice	1.84	234	iP	03 53 14.8	+2.8	03	53	14.8	+2.8
BERT	Berda	2.06	220	P	03 53 13.4	+0.8	03	53	13.4	+0.8
OAR	Oum El Arais	2.23	235	iP	03 53 20.0	0.0	03	53	20.0	0.0

AZER 21 03:56:51.0, 38.68N, 44.80E, h33km, 3km, ml3.1/8, Error ellipse: s-maj=8.3km s-min=4.0km az=18.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
MAKU	Maku	0.71	356	Op	03 57 18.8		03	57	18.8	
MAKU	Maku	0.71	356	eP	03 57 05.7	-0.8	03	57	05.7	-0.8
MAKU	Maku	0.71	356	eP	03 57 15.5	-0.4	03	57	15.5	-0.4
MAKU	Maku	0.71	356	eAML	03 57 19.5		03	57	19.5	
NAX	Nakhchivan	0.78	47	P	03 57 07.8	0.0	03	57	07.8	0.0
NAX	Nakhchivan	0.78	47	P	03 57 07.8	0.0	03	57	07.8	0.0
CLDR	Caldiran	0.82	308	iP	03 57 07.3	-1.4	03	57	07.3	-1.4
CLDR	Caldiran	0.82	308	iP	03 57 07.3	-1.4	03	57	07.3	-1.4
CLDR	Caldiran	0.82	308	iS	03 57 18.2	-1.2	03	57	18.2	-1.2
CLDR	Caldiran	0.82	308	iS	03 57 18.2	-1.2	03	57	18.2	-1.2
CLDR	Caldiran	0.82	308	PG	03 57 07.2	-1.4	03	57	07.2	-1.4
CLDR	Caldiran	0.82	308	PG	03 57 18.1	-1.2	03	57	18.1	-1.2
BASK	Baskale_VAN	0.83	225	iP	03 57 08.9	0.0	03	57	08.9	0.0
BASK	Baskale_VAN	0.83	225	iS	03 57 19.9	+0.2	03	57	19.9	+0.2
BASK	Baskale_VAN	0.83	225	iS	03 57 19.9	+0.2	03	57	19.9	+0.2
SBZ	Shahbuz	0.98	39	P	03 57 11.1	-0.4	03	57	11.1	-0.4
SBZ	Shahbuz	0.98	39	P	03 57 11.1	-0.4	03	57	11.1	-0.4
SBZ	Shahbuz	0.98	39	S	03 57 25.3	+0.3	03	57	25.3	+0.3
VMUR	Van-Muradiye	0.99	291	iP	03 57 11.5	+0.2	03	57	11.5	+0.2
VMUR	Van-Muradiye	0.99	291	iS	03 57 26.3	+0.9	03	57	26.3	+0.9
ORD	Ordubad	1.01	73	P	03 57 11.6	-0.5	03	57	11.6	-0.5
ORD	Ordubad	1.01	73	P	03 57 11.6	-0.5	03	57	11.6	-0.5
ORD	Ordubad	1.01	73	S	03 57 26.1	+0.2	03	57	26.1	+0.2
VANB	Van	1.07	268	PG	03 57 12.2	+0.8	03	57	12.2	+0.8
VANB	Van	1.07	268	PG	03 57 26.7	+0.6	03	57	26.7	+0.6
HYR	Heyderabad	1.08	4	P	03 57 12.7	-0.7	03	57	12.7	-0.7
HYR	Heyderabad	1.08	4	P	03 57 12.7	-0.7	03	57	12.7	-0.7
HYR	Heyderabad	1.08	4	S	03 57 28.0	+0.2	03	57	28.0	+0.2
YOVA	Hakkari_Ykse	1.12	199	iS	03 57 13.1	+1.2	03	57	13.1	+1.2
YOVA	Hakkari_Ykse	1.12	199	iS	03 57 30.6	+0.9	03	57	30.6	+0.9
YOVA	Hakkari_Ykse	1.12	199	iS	03 57 30.6	+0.9	03	57	30.6	+0.9
DYDN	Diyadin	1.22	318	iP	03 57 16.6	+0.4	03	57	16.6	+0.4
DYDN	Diyadin	1.22	318	iP	03 57 33.9	+0.8	03	57	33.9	+0.8
DYDN	Diyadin	1.22	318	iS	03 57 16.6	+0.4	03	57	16.6	+0.4
DYDN	Diyadin	1.22	318	iS	03 57 33.9	+0.8	03	57	33.9	+0.8
IGDI	IGDIR	1.33	337	iP	03 57 18.1	-0.2	03	57	18.1	-0.2
IGDI	IGDIR	1.33	337	iP	03 57 18.1	-0.2	03	57	18.1	-0.2
HAKT	HAKKARI	1.36	218	iP	03 57 18.2	0.0	03	57	18.2	0.0
HAKT	HAKKARI	1.36	218	iS	03 57 37.5	+0.8	03	57	37.5	+0.8
HAKT	HAKKARI	1.36	218	iS	03 57 37.5	+0.8	03	57	37.5	+0.8
GEVA	GEVAS	1.37	257	iP	03 57 17.9	-0.3	03	57	17.9	-0.3
GEVA	GEVAS	1.37	257	iP	03 57 17.9	-0.3	03	57	17.9	-0.3
TASB	TASBURUN-IGDIR	1.40	344	PN	03 57 19.1	0.0	03	57	19.1	0.0
AKDM	Akdamar-Van	1.43	358	iP	03 57 18.6	-0.4	03	57	18.6	-0.4
GNI	Garni	1.50	260	iS	03 57 21.2	+0.3	03	57	21.2	+0.3
GNI	Garni	1.50	260	iS	03 57 43.0	+1.9	03	57	43.0	+1.9
METS	Metsamor	1.59	341	iP	03 57 23.2	-0.1	03	57	23.2	-0.1
METS	Metsamor	1.59	341	iP	03 57 46.4	+2.4	03	57	46.4	+2.4
ADCV	BITLIS_Adilcev	1.60	277	iP	03 57 22.9	+0.3	03	57	22.9	+0.3
ADCV	BITLIS_Adilcev	1.60	277	iS	03 57 45.0	+0.9	03	57	45.0	+0.9
ADCV	BITLIS_Adilcev	1.60	277	iS	03 57 45.0	+0.9	03	57	45.0	+0.9
VNZN	Vanand	1.63	334	iP	03 57 25.2	+1.2	03	57	25.2	+1.2
VNZN	Vanand	1.63	334	iP	03 57 25.2	+1.2	03	57	25.2	+1.2
CUKT	Cukurca	1.66	213	iP	03 57 50.5	+5.5	03	57	50.5	+5.5
CUKT	Cukurca	1.66	213	iP	03 57 24.7	+0.1	03	57	24.7	+0.1
CUKT	Cukurca	1.66	213	iS	03 57 24.7	+0.1	03	57	24.7	+0.1
CUKT	Cukurca	1.66	213	iS	03 57 24.7	+0.1	03	57	24.7	+0.1
KAPZ	Kaputan	1.68	359	iP	03 57 23.7	-0.2	03	57	23.7	-0.2
KAPZ	Kaputan	1.68	359	iP	03 57 47.4	+0.7	03	57	47.4	+0.7
TUTA	Tuta	1.69	297	iS	03 57 23.5	-0.2	03	57	23.5	-0.2
TUTA	Tuta	1.69	297	iS	03 57 46.5	-0.6	03	57	46.5	-0.6
TUTA	Tuta	1.69	297	iS	03 57 46.5	-0.6	03	57	46.5	-0.6
ARUZ	Aruch	1.71	343	iP	03 57 24.7	+0.2	03	57	24.7	+0.2
ARUZ	Aruch	1.71	343	iP	03 57 48.0	0.0	03	57	48.0	0.0
MLAZ	Malazgirt-MUS	1.79	287	PN	03 57 24.4	+0.4	03	57	24.4	+0.4
BUFO	Guroymak-BITLI	2.13	268	PN	03 57 29.4	+0.7	03	57	29.4	+0.7
GDB	GEDABAY	2.21	20	P	03 57 28.9	-0.9	03	57	28.9	-0.9
GDB	GEDABAY	2.21	20	P	03 57 28.9	-0.9	03	57	28.9	-0.9
SRTM	Siirt_Merkez	2.32	255	iP	03 57 56.3	-1.1	03	57	56.3	-1.1
SRTM	Siirt_Merkez	2.32	255	iP	03 57 34.4	-0.5	03	57	34.4	-0.5
SRTM	Siirt_Merkez	2.32	255	iP	03 57 34.4	-0.5	03	57	34.4	-0.5
GANJ	Ganja	2.34	31	P	03 57 31.2	-0.3	03	57	31.2	-0.3
GANJ	Ganja	2.34	31	P	03 57 31.2	-0.3	03	57	31.2	-0.3
GANJ	Ganja	2.34	31	S	03 57 59.5	-0.8	03	57	59.5	-0.8
QZX	Qazax, Azerbai	2.46	11	P	03 57 32.0	-1.0	03	57	32.0	-1.0
QZX	Qazax, Azerbai	2.46	11	P	03 57 32.0	-1.0	03	57	32.0	-1.0
GRMI	Germi	2.46	85	eAML	03 58 02.2	-1.1	03	58	02.2	-1.1
GRMI	Germi	2.46	85	eAML	03 58 14.6		03	58	14.6	
GRMI	Germi	2.46	85	eP	03 57 35.3	+2.1	03	57	35.3	+2.1
GRMI	Germi	2.46	85	eP	03 57 01.7	-0.9	03	57	01.7	-0.9
MUSM	Mu-Merkez	2.54	273	iP	03 57 38.7	+0.1	03	57	38.7	+0.1
MUSM	Mu-Merkez	2.54	273	iP	03 57 38.7	+0.1	03	57	38.7	+0.1
MUSM	Mu-Merkez	2.54	273	iP	03 57 38.7	+0.1	03	57	38.7	+0.1

TUN 21 03:56:52.8, 38.71N,

PMG	comp=Z,2um,20.3s,baz=114,slow=34	Port Moresby	38.93 284	eP	P	04 09 18.8	-1.6
PMG	comp=Z,69nm,0.9s	Port Moresby	38.93 284	P	P	04 09 19.2	-1.2
PMG	comp=Z,3um,19.0s	Port Moresby	38.93 284	IAMS_20	IAMS_20	04 24 02.0	
STKA	comp=Z,41nm,0.5s,baz=95,slow=10,SNR=30	Stephens Creek	39.62 247	P	P	04 09 25.2	-0.8
STKA	comp=Z,2um,18.9s,baz=83,slow=36	Stephens Creek	39.62 247	LR	LR	04 25 11.2	
STKA	comp=Z,2um,19.0s	Stephens Creek	39.62 247	IAMS_20	IAMS_20	04 25 09.7	
ARPS	comp=Z,542nm,20.0s	Mount Arapiles	39.83 240	P	P	04 09 28.4	+0.6
COEN	comp=Z,41,SNR=21	Coen	40.86 275	P	P	04 09 36.1	-0.5
COEN	comp=Z,60nm,1.1s	Coen	40.86 275	Iamb	Iamb	04 09 42.5	
COEN	comp=Z,2um,21.0s	Hallett	41.93 245	P	P	04 09 44.1	-1.0
QIS	comp=Z,42,SNR=18	Mount Isa	42.42 264	P	P	04 09 48.4	-0.9
BBOO	comp=Z,44,SNR=12	Buckleboo	44.32 246	P	P	04 10 02.8	-1.7
BBOO	comp=Z,44,SNR=18	Buckleboo	44.32 246	Iamb	Iamb	04 10 25.0	
BBOO	comp=Z,46nm,1.1s	Buckleboo	44.32 246	IAMS_20	IAMS_20	04 27 44.1	
BBOO	comp=Z,4um,20.0s	Wake Island	45.76 335	IAMS_20	IAMS_20	04 32 02.1	
KHU	comp=Z,2um,18.0s	Kahuku	45.87 25	P	P	04 10 17.3	+0.3
KHU	comp=Z,448nm,1.9s	Kahuku	45.87 25	P	P	04 10 17.3	+0.3
KHLU	comp=Z,2um,19.0s	Kahuku	46.07 25	P	P	04 10 20.0	+1.5
HMH	comp=Z,2um,19.0s	Humu'ula Sheep	46.24 25	P	P	04 10 21.5	+1.4
KIP	comp=Z,2um,19.0s	Kipapa	46.98 211	eP	P	04 10 26.6	+1.1
AS31	comp=Z,1.149nm,1.8s	Alice Springs	47.03 258	Iamb	Iamb	04 10 27.5	
ASAR	comp=Z,2.60nm,0.6s	Alice Springs	47.03 258	P	P	04 10 24.6	-1.4
ASAR	comp=Z,5.2nm,0.7s,baz=90,slow=8.1,SNR=226	Alice Springs	47.03 258	S	S	04 17 10.3	-7.3
ASAR	comp=Z,4.3nm,0.7s,baz=101,slow=14,SNR=8.5	Alice Springs	47.03 258	LR	LR	04 30 11.0	
ASAR	comp=Z,3um,19.3s,baz=106,slow=36	Alice Springs	47.03 258	P	P	04 10 24.5	-1.6
ASAR	comp=Z,2um,19.0s	Alice Springs	47.03 258	P	P	04 10 24.5	-1.6
WR9	comp=Z,2.29nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 51.3	
WR8	comp=Z,2.29nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 43.7	
WR7	comp=Z,2.29nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 42.3	
WR6	comp=Z,2.29nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 42.8	
WR5	comp=Z,2.29nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 43.4	
WR4	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 44.0	
WR3	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 44.5	
WR3	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 44.5	
WC3	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 44.8	
WR2	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 45.1	
WB7	comp=Z,2.15nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 55.3	
WB2	comp=Z,2.15nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 57.4	
WB3	comp=Z,2.28nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 45.4	
WB1	comp=Z,2.28nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 55.4	
WB5	comp=Z,2.28nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 45.4	
WB4	comp=Z,2.25nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 45.4	
WB8	comp=Z,2.24nm,21.0s	Warramunga Arr	47.21 264	IAMS_20	IAMS_20	04 29 46.4	
WRAB	comp=Z,2.25nm,21.0s	Tennant Creek	47.37 264	eP	P	04 10 25.6	-3.1
WRAB	comp=Z,58nm,1.0s	Tennant Creek	47.37 264	P	P	04 10 26.8	-2.0
WRAB	comp=Z,2um,20.3s	Tennant Creek	47.37 264	IAMS_20	IAMS_20	04 29 57.2	
WB9	comp=Z,2.29nm,21.0s	Warramunga Arr	47.37 264	IAMS_20	IAMS_20	04 29 56.5	
WC4	comp=Z,2.29nm,21.0s	Warramunga Arr	47.37 264	IAMS_20	IAMS_20	04 29 55.5	
WR1	comp=Z,2.27nm,21.0s	Warramunga Arr	47.37 264	IAMS_20	IAMS_20	04 29 45.7	
WRA	comp=Z,4.1nm,0.6s,baz=103,slow=8.5,SNR=137	Warramunga Arr	47.37 264	P	P	04 10 26.6	-2.1
WRA	comp=Z,6.9nm,0.7s,baz=101,slow=3.5,SNR=2.1	Warramunga Arr	47.37 264	S	S	04 12 00.1	+0.6
WRA	comp=Z,5.2nm,0.7s,baz=101,slow=13,SNR=6.7	Warramunga Arr	47.37 264	LR	LR	04 29 59.8	
WRA	comp=Z,2um,20.8s,baz=105,slow=36	Warramunga Arr	47.37 264	P	P	04 10 26.8	-2.0
WRA	comp=Z,9.0nm,1.1s	Warramunga Arr	47.37 264	P	P	04 10 26.8	-2.0
WC1	comp=Z,2.27nm,21.0s	Warramunga Arr	47.37 264	IAMS_20	IAMS_20	04 29 56.8	
JAY	comp=Z,61nm,0.8s,baz=123,slow=3.4,SNR=14	Jayapura	47.76 289	P	P	04 10 30.3	-1.5
JAY	comp=Z,61nm,0.8s,baz=123,slow=3.4,SNR=14	Jayapura	47.76 289	P	P	04 10 30.3	-1.5
KDU	comp=Z,51,SNR=38	Kakadu	51.12 272	P	P	04 10 55.3	-2.2
FORT	comp=Z,51,SNR=37	Forrest	51.23 248	P	P	04 10 56.8	-1.3
FORT	comp=Z,2um,18.0s	Forrest	51.23 248	IAMS_20	IAMS_20	04 32 25.8	
WRKA	comp=Z,52,SNR=212	Warakurna	51.83 256	P	P	04 11 01.0	-1.7
MTN	comp=Z,22nm,0.7s	Manton Dam	52.31 271	Iamb	Iamb	04 11 06.5	
MTN	comp=Z,4um,20.0s	Manton Dam	52.31 271	IAMS_20	IAMS_20	04 32 18.2	
BAKI	comp=Z,52.6nm,1.9s	Blak	52.42 287	P	P	04 11 05.6	-1.6
KNRA	comp=Z,54,SNR=18	Kunurra	53.62 267	P	P	04 11 14.6	-1.4
KNRA	comp=Z,1um,18.0s	Kunurra	53.62 267	IAMS_20	IAMS_20	04 38 26.9	
GUMO	comp=Z,153nm,0.8s,baz=190,slow=12,SNR=6.2	Guam	53.74 308	P	P	04 11 15.5	-1.3
GUMO	comp=Z,498nm,19.9s,baz=132,slow=34	Guam	53.74 308	LR	LR	04 32 24.3	
GUMO	comp=Z,257nm,1.0s	Guam	53.74 308	P	P	04 11 14.5	-2.3
GUMO	comp=Z,2um,20.0s	Fak Fak	55.07 283	P	P	04 11 30.8	+4.2
FAKI	comp=Z,2um,20.0s	Fak Fak	55.07 283	P	P	04 11 24.7	-1.9
FAKI	comp=Z,2um,20.0s	Fak Fak	55.07 283	IAMS_20	IAMS_20	04 35 26.2	
FAKI	comp=Z,2um,20.0s	Fak Fak	55.07 283	P	P	04 11 25.1	-1.5
SBA	comp=Z,49nm,1.1s	Scott Base	55.68 185	Iamb	Iamb	04 11 53.0	
SBA	comp=Z,2um,21.0s	Scott Base	55.68 185	PcP	PcP	04 12 32.0	+2.7
FITZ	comp=Z,56,SNR=39	Fitzroy Crossi	55.80 263	P	P	04 11 30.9	-0.9
FITZ	comp=Z,30nm,0.8s,baz=102,slow=6.4,SNR=64	Fitzroy Crossi	55.80 263	S	S	04 11 30.4	-1.4
FITZ	comp=Z,1.5nm,0.8s,baz=9.8,slow=19,SNR=3.5	Fitzroy Crossi	55.80 263	S	S	04 19 12.9	-5.8
KMBL	comp=Z,56,SNR=5.4	Kambalda	56.52 247	P	P	04 11 37.6	+1.5
BNDI	comp=Z,131nm,0.7s,baz=105,slow=6.7,SNR=10.0	Bandanaira	56.51 280	P	P	04 11 40.8	+3.9
SLJ	comp=Z,131nm,0.7s,baz=105,slow=6.7,SNR=10.0	Sorong	56.86 285	P	P	04 11 38.0	-1.4
MSAI	comp=Z,57.88 281	Maschie	57.88 281	P	P	04 11 51.9	+5.2
NLAI	comp=Z,59.59 280	Namoi	59.59 280	P	P	04 11 53.0	-5.5
SOEI	comp=Z,59.68 272	Soe	59.68 272	P	P	04 11 58.6	-0.7
SOEI	comp=Z,3um,20.0s	Soe	59.68 272	IAMS_20	IAMS_20	04 38 23.6	

KLBR	comp=Z,60,SNR=6.9	Kellerberrin	59.87 246	P	P	04 12 00.0	-0.2
RKGY	comp=Z,1um,21.0s	Rocky Gully	60.03 242	P	P	04 12 01.7	+0.4
MEEK	comp=Z,60,SNR=5.7	Meekeatharra	60.08 252	P	P	04 12 00.9	-0.9
BATI	comp=Z,4.1nm,0.5s,baz=143,slow=5.1,SNR=3.1	Baumata	60.08 271	P	P	04 12 01.6	-0.4
BATI	comp=Z,4.1nm,0.5s,baz=143,slow=5.1,SNR=3.1	Baumata	60.08 271	P	P	04 12 01.0	-1.0
NWAO	comp=Z,60,SNR=10	Narrogin (SRO)	60.08 244	P	P	04 12 01.7	0.0
NWAO	comp=Z,111nm,1.5s	Narrogin (SRO)	60.08 244	P	P	04 12 01.2	-0.5
NWAO	comp=Z,111nm,1.5s	Narrogin (SRO)	60.08 244	P	P	04 12 01.5	-0.2
NWAO	comp=Z,111nm,1.5s	Narrogin (SRO)	60.08 244	P	P	04 12 01.5	-0.2
NWAO	comp=Z,111nm,1.5s	Narrogin (SRO)	60.08 244	P	P	04 12 01.5	-0.2
PSAB3	comp=Z,2um,19.0s	Pilbara Seismi	60.15 258	IAMS_20	IAMS_20	04 38 36.1	
PSAA3	comp=Z,2um,20.0s	Pilbara Seismi	60.15 258	IAMS_20	IAMS_20	04 35 38.1	
PSAA0	comp=Z,2um,21.0s	Pilbara Seismi	60.16 258	Iamb	Iamb	04 12 00.2	-2.2
PSAA0	comp=Z,2um,21.0s	Pilbara Seismi	60.16 258	Iamb	Iamb	04 12 00.8	
PSAA2	comp=Z,2um,21.0s	Pilbara Seismi	60.16 258	IAMS_20	IAMS_20	04 38 48.4	
PSAA1	comp=Z,2um,21.0s	Pilbara Seismi	60.17 258	IAMS_20	IAMS_20	04 38 46.0	
PSAD1	comp=Z,2um,21.0s	Pilbara Seismi	60.20 258	IAMS_20	IAMS_20	04 38 31.6	
MBWA	comp=Z,2um,21.0s	Marble Bar	60.37 258	IAMS_20	IAMS_20	04 38 47.9	
TNTI	comp=Z,2um,19.0s	Ternate	61.08 284	IAMS_20	IAMS_20	04 37 08.0	
MUN	comp=Z,61,SNR=5.0	Mundaring	61.10 245	P	P	04 12 09.0	+0.4
MORW	comp=Z,61,SNR=5.1	Morawa	61.80 248	P	P	04 12 13.3	-0.2
MORW	comp=Z,61,SNR=5.1	Morawa	61.80 248	IAMS_20	IAMS_20	04 38 54.6	
MMRI	comp=Z,2um,19.0s	Maumere	61.95 272	IAMS_20	IAMS_20	04 39 50.8	
EDFI	comp=Z,2um,19.0s	Ende, Flores	62.42 272	P	P	04 12 16.8	-1.1
EDFI	comp=Z,2um,19.0s	Ende, Flores	62.42 272	P	P	04 12 16.7	-1.2
CASY	comp=Z,2.26nm,0.7s	Casey	63.12 206	Iamb	Iamb	04 12 23.4	+1.8
CASY	comp=Z,2.26nm,0.7s	Casey	63.12 206	IAMS_20	IAMS_20	04 37 17.7	
WBSI	comp=Z,844nm,20.0s	Waikabura, Su	64.22 270	P	P	04 12 35.1	+5.3
GIRL	comp=Z,844nm,20.0s	Giralila	64.91 255	IAMS_20	IAMS_20	04 41 01.1	
DAP	comp=Z,3um,19.0s	Davao City (W)	65.58 290f	eP	P	04 12 40.9	+2.4
KAVI	comp=Z,3um,19.0s	Kappang	65.59 275	IAMS_20	IAMS_20	04 41 01.2	
PLAI	comp=Z,686nm,20.0s	Palang	66.00 270	P	P	04 12 40.4	-0.9
PLAI	comp=Z,686nm,20.0s	Palang	66.00 270	P	P	04 12 40.4	-0.9
TWSI	comp=Z,75nm,20.0s	Taliwang, Sumb	66.85 270	P	P	04 12 47.4	+0.7
QSPA	comp=Z,2.3nm,0.9s,baz=35,slow=1.6,SNR=68	South Pole Qui	67.14 180	P	P	04 12 49.8	+1.9
QSPA	comp=Z,2.3nm,0.9s,baz=35,slow=1.6,SNR=68	South Pole Qui	67.14 180	P	P	04 12 49.8	+1.9
QSPA	comp=Z,49nm,1.1s	South Pole Qui	67.14 180	Iamb	Iamb	04 12 53.0	
QSPA	comp=Z,49nm,1.1s	South Pole Qui	67.14 180	IAMS_20			

21d 4h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GLA Glamis, GSC Goldstone, MDPB Devils Postpil, etc.

2013 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like COR Corvallis, TUC Tucson, MSHR Mys Shults, etc.

1076

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like F07A Phinny Hill Vi, QIZ Qiongzong, BRLK Bradley Lake, etc.

21d 4h

Table with columns: KMI, comp=Z, 21d, 4h, LR, LR, IAMB, IAMB, 04 15 30.8, etc. Lists various locations and their corresponding data points.

2013 OCT

Table with columns: PBMO Poplar Bluff, 99.01 54, IAMS_20, IAMS_20, 04 52 37.7, etc. Lists various locations and their corresponding data points.

1078

Table with columns: D41A Chassel, 103.88 45, IAMS_20, IAMS_20, 04 56 00.1, etc. Lists various locations and their corresponding data points.

21d 4h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MERS, VRI, ANTO, etc.

2013 OCT

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TEKE, SIRC, ELAT, etc.

1080

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIC, TIC, DBIC, etc.

ISC 21 04:09:14.9, 39.72N, 34.20E, h5km, ML3.4/12
DDA 21 04:09:15.0, 39.76N, 34.16E, h12km, 1km, ML3.5
ISC 21 04:09:15.0, 39.75N, 0.02, 34.18E, 0.02, h12km, 8km, n47, 0.84/58, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CDAG, DELI, SOKA, etc.

ISC 21 04:09:54.1,0.5,1.33N,0.06E,126.22E,0.06,h54km,n59,
c140/64,mb4.5/18,1C,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, LBMI Labuni, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, MRSI Marisa, APSI Ampana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, SNUM Sibiu, KSM Kuching, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FORT Forrest, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BBOO Bukitpoo, KSRs Korea Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, LZH Lanzhou, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, BNDI Bandanaira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MASAI Masohi, SUJI Sorong, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TGY Tagayay City, CMAR Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, NRIK Naryn, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARSB Arsb, AML Almayashu, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TARG Taragay, MDOK Medeo, etc.

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

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

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

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

KNET 21 04:34:30.4, 1.3, 41.02N, 73.98E, h1km, 7km, ml2.0, Error ellipse: s-maj=8.6km s-min=6.4km az=166.0

SOME 21 04:34:30.1, 40.87N, 74.20E, h5km Error ellipse: s-maj=8.6km s-min=6.4km az=2.0

KRNET 21 04:34:30.3, 0.1, 40.99N, 74.06E, h13km, mb2.7 NNC 21 04:34:31.5, 1.3, 40.97N, 74.12E, h0km, mb3.5, mpv3.2

ISC 21 04:34:29.2, 1.6, 40.93N, 0.06E, 74.13E, 0.03, h2km, 14km, n4, c159/72, 34C-13D, Kyrgyzstan-Xinjiang border

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARSB Arsb, AML Almayashu, etc.

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

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

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

MAN 21 05:21:17.6, 17.03N, 120.00E, h46km, mb3.4, ML4.5, MS3.2, 2C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ABRA Dolores, SIPP Brgy, Tapao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMPP San Manuel, Pa, SMPP San Manuel, Pa, etc.

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

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

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

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

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

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

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

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

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

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

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

OMAN 21 05:31:14.4, 1.4, 25.59N, 63.87E, h29km, ml3.9/2, Error ellipse: s-maj=15.3km s-min=9.6km az=132.0, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLN Jalon Bani Buh, JLN Jalon Bani Buh, etc.

IDC 21 05:33:49.7, 0.6, 56.52S, 25.49W, h0km, mb4.4/13, mb1 4.4/14, mb1mx4.3/25, mbtmp4.4/14, ML4.3/1, MS3.6/6, Ms1 3.6/6, ms1mx3.5/18, Error ellipse: s-maj=20.5km

s-min=16.4km az=54.0 ISCJB 21 05:33:52.3, 0.3, 56.50S, 0.06E, 25.6W, 0.1, h29km, mb4.3/12, MS3.8/6, Error ellipse: s-maj=11.4km

s-min=5.5km az=142.7 NEIC 21 05:33:55.6, 1.1, 56.55S, 0.1, 25.6W, 0.2, h35km, 1km, mb4.8/40

BUI 21 05:33:56.0, 0.0, 56.70S, 25.70W, h30km, Ms5.0/1, Ms7.4/9/1

ISC 21 05:33:55.1, 0.4, 56.58S, 0.08E, 25.74W, 0.08, h29km, n135, c154/139, mb4.7/29, MS3.8/6, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNA4 Sanae, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNA4 Sanae, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNA4 Sanae, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TUUV, FWVZ, WHVZ, etc. Includes a section for KRSC 21 06:38:23.91.6, 50.52N x 157.80E, h41km, 15km, ML3.7.

IDC 21 06:40:41.4.9.4, 17.85S x 178.76W, h622km, 116km, mb3.0/4, mbl 3.3/4, mb1mx2.9/25, mbtmp4.1/4, Error ellipse: s-maj=126.1km s-min=45.9km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DCPH, GUMH, DCPH, etc. Includes a section for ISC 21 07:09:58.1.0.1, 3.71N x 0.102E, 123.49E, 0.03, h500km, mb4.6/44, Error ellipse: s-maj=4.0km s-min=2.7km az=167.6.

MAN 21 06:42:57.2, 9.28N x 122.22E, h1km, mb3.0, ML4.2, MS2.7, 1C, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KMI, KMI, KMI, etc. Includes a section for KRSC 21 06:38:23.91.6, 50.52N x 157.80E, h41km, 15km, ML3.7.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KBL Kabul, GAR Garm, MA2 Magadan, BTK Batken, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SNZO South Karori, BFZ Birch Farm, ODZ Otahua Downs, etc.

ISC 21 07:50:03.6, 0.7, 6.76S, 155.15E, h0km, mb4.1/12, mb1 4.0/3, mb1mx3.4/1.50, mbtmpp4.2/15, MLJ2.3/3, MS3.4/8, Ms1 3.4/8, ms1mx3.0/37, Error ellipse: s-maj=24.8km, s-min=17.5km az=125.0

NEIC 21 07:05:44.1, 6.85S, 0.10x155.2E, 0.1, h19km, 5km, mb4.7/18

ISCJB 21 07:50:07.3, 0.4, 6.81S, 0.05x155.04E, 0.05, h41km, mb4.1/12, MS3.5/5, Error ellipse: s-maj=7.6km, s-min=7.1km az=8.5

ISC 21 07:50:09.1, 5.681S, 0.06x155.08E, 0.07, h41km, n53, 0.1949/51, mb4.4/21, MS3.4/21, MS3.4/5, 1C, Bougainville-Solomon Islands region

ISCJB 21 08:06:01.7, 0.4, 9.15S, 0.07x158.95E, 0.07, h65km, mb3.9/7, Error ellipse: s-maj=11.1km, s-min=9.0km, az=40.2

NEIC 21 08:06:04.0, 2.7, 9.1S, 0.1x159.01E, 0.09, h75km, 9km, mb4.6/19

ISC 21 08:06:04.8, 1.6, 9.05S, 159.05E, h78km, 26km, mb3.7/7, mb1 4.0/8, mb1mx3.7/39, mbtmpp4.1/8, Error ellipse: s-maj=37.6km, s-min=18.3km az=139.0

ISC 21 08:02:09.0, 6.9, 0.88S, 0.09x158.99E, 0.07, h65km, n36, 0.1888/38, mb4.5/15, Bougainville-Solomon Islands region

ISC 21 08:15:21.5, 6.7, 18.12N, 68.91W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.6/24, mbtmpp3.5/3, Error ellipse: s-maj=195.5km, s-min=65.7km, az=69.0

ISCJB 21 08:15:36.1, 0.2, 18.55N, 0.03x69.06W, 0.02, h115km, 3km, mb3.4/3, Error ellipse: s-maj=4.9km, s-min=2.7km, az=1.4

NEIC 21 08:15:36.8, 2.3, 18.48N, 0.06x69.09W, 0.04, h117km, 7km, mb3.8/20

OSPL 21 08:15:36.4, 2.4, 17.74N, 69.18W, h3km, 16km, MD3.9, ML3.8

ISC 21 08:15:36.7, 0.6, 18.47N, 0.06x69.10W, 0.03, h114km, 7km, n143, 0.1974/165, mb3.7/12, 1C, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PCDR Punta Cana, DR, SDD Santo Domingo, BANI BANI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Jacinto, Gun Hill, San Martin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mission San Jo, Adit at Lawren, Building 67, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Minaret Summit, MDRM Red Cones, Deadman Creek, etc.

IDC 21 08:20:24.2±0.3, 23N-90.01E, h0km, mb3.2/2, mb1 3.7/4, mb1mx3.5/28, mbtmp3.5/4, ML4.0/2, Error ellipse: s-maj=54.8km s-min=29.1km az=46.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pallekele, Chiang Mai Arr, Diego Garcia, etc.

NCEDC 21 08:32:56.4±1.1, 37.787N±0.010, 121.92W±0.01, h11km±2km, Md2.9

NEIC 21 08:32:56.7±1.1, 37.794N±0.008, 121.91W±0.01, h18km±1km, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Doolan Road, Morgan Territo, Round Hill Res, etc.

MAN 21 08:35:46.8, 9.96N±124.05E, h13km, mb3.3, ML4.4, MS3.0, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Llapu-Lapu, Maasin, Palo, Dipolog City, etc.

MAN 21 09:03:12.1, 13.49N±120.63E, h27km, mb2.6, ML3.8, MS2.1, C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Puerto Galera, Lubang, San Jose, Coron, Pagadian, etc.

ISC/JB 21 09:19:39.0±0.5, 23.96N±0.03±122.50E±0.02, h24km±3km, Error ellipse: s-maj=4.4km s-min=2.8km az=160.9

JMA 21 09:19:39.0±0.2, 24.00N±122.49E, h25km, M2.3

TAP 21 09:19:39.0±0.1, 23.93N±122.48E, h32km, ML3.0, C

ISC 21 09:19:38.0±1.1, 23.93N±122.51E±0.02, h17km±9km, 1C, 051/83, Taiwan region

Code Station Name Az Az' Phase ID Time Res

ISC h m s ISC

Op Op

ISC h m s ISC

Sb Sb

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Sb Sb

Op Op

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ISC h m s ISC

Sb Sb

Op Op

ISC h m s ISC

Sb Sb

Op Op

ISC h m s ISC

Sb Sb

Op Op

ISC h m s ISC

Sb Sb

21d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWF1, TWT, TWT, TWT, VWDV, VWDV, YHNB, YHNB, TDCB, TDCB, TDCB, NSK, NWF, NWF, WFSB, WFSB, WFSB, JKRS, JKRS, SSSL, SSSL, SSSL, WHP, SMLT, YM10, YM11, YM05, YM04, YM04, LIOB, LIOB, LIOB, JIJ, TWQ1, CHN5, TWG, TWG, JISG, TPUB, TPUB, CHN4, CHN4, WTP, CHN1, CHN1, MASBT, EAST.

MAN 21 09:22:08.2, 9.91N, 124.26E, h2km, mb3.3, ML4.4, MS3.1, 3C-1D, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

MAN 21 09:36:35.7, 9.92N, 124.22E, h4km, mb3.6, ML4.7, MS3.5, 2C, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISCJB 21 09:53:08.6, 0.7, 28.37N, 0.07, 50.74E, h10km, mb3.9/8, Error ellipse: s-maj=10.9km s-min=9.7km az=155.3

ISC 21 09:53:09.1, 1.28, 64N, 50.87E, h0km, mb3.9/8, mb1 4.0/1, mb1mx3.7/5.4, mbtmp3.9/11, ML3.3/3, Error ellipse: s-maj=23.6km s-min=20.9km az=154.0

TEH 21 09:53:19.1, 29.07N, 50.88E, h10km, ML3.6

ISC 21 09:53:10.0, 0.8, 28.37N, 0.08, 50.80E, h10km, n22, e=170/23, mb3.9/8, Persian Gulf

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IKAZ, SHI, SHI, ISRV, LMD1, IPAR, IRAM, ZNGN, ROKH, IMEH, ICHK, IBAF, WSAR, WSAR, KBZ, BRTR, AKTO, MLR, BVAR, ZALV, FINES, TORD, DBIC, ASAR.

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ISC 21 09:57:12.9, 1.2, 2.02N, 100.19W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.9/2.1, mbtmp3.6/5, MS3.4/6, Ms1 3.4/6, ms1mx3.2/18, Error ellipse: s-maj=59.7km s-min=24.9km az=64.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG, APG, JTS, TXAR, TXAR, LPAZ, NVAR, NVAR, ILAR, AFI, NOA, ASAR, WRA.

MAN 21 09:57:19.9, 10.01N, 124.22E, h5km, mb3.1, ML4.3, MS2.9, 1C-2D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP, LLP, PLP, DCPH, DCPH.

TRN 21 10:05:51.5, 15.60N, 60.65W, h27km, MD3.6, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DWS, MAGL, MDPV, SVN, BAMP, CXM, GBMF, PCMF, PML, FDF, TDBA, CBE, LPMF, ZAM, TRMF, BIM, IPMOM, ABV, SLW, SLW, SLBI, SLBI, SLPA, SLPA, SLB, SLDE, BLYA, MLYT, MCLT, MCLT, SSV, SSV, SVV, ANWB, ANWB, SWC, SVB, FCV, FCV, SKI, SKI, GRSS, GRSS, GRSS, GRGR, GRGR, TOSP, TOSP.

MAN 21 10:06:18.5, 9.92N, 124.40E, h1km, mb3.0, ML4.2, MS2.7, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP, LLP, PLP, PLP, DCPH, DCPH, RCP, RCP.

ISC 21 10:15:10.1, 1.0, 33.77N, 66.81E, h0km, mb3.6/6, mb1 3.7/12, mb1mx3.5/5.3, mbtmp3.7/12, ML3.5/6, MS3.1/4, Ms1 3.1/4, ms1mx2.5/4.3, Error ellipse: s-maj=22.7km s-min=21.3km az=137.0

ISCJB 21 10:15:13.5, 0.9, 33.9N, 0.1, 66.7E, 0.1, h33km, mb3.7/6, MS3.1/2, Error ellipse: s-maj=16.2km s-min=13.4km az=163.0

ISC 21 10:15:14.1, 2.33, 80E, 0.1, h35km, n14, e=34/12, mb3.6/6, Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEYT, AAK, AAK, WSAR, MKAR, AKTO, KURBB, BVAR, ZALV, ZALV, AKASG, TIXI.

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

ISCJB 21 10:21:36.7, 0.8, 35.88N, 0.05, 140.99E, 0.09, h42km, 6km, mb3.5/4, Error ellipse: s-maj=10.5km s-min=7.7km az=152.9

JMA 21 10:21:38.1, 0.1, 35.87N, 140.88E, h35km, 1km, M3.1 JMA Fellt J1

ISC 21 10:21:39.8, 2.8, 35.92N, 140.94E, h55km, 24km, mb3.2/4, mb1 3.5/7, mb1mx3.3/4.9, mbtmp3.6/7, ML3.4/2, MS2.5/3, Ms1 2.5/3, ms1mx2.3/2.5, Error ellipse: s-maj=27.2km s-min=18.1km az=52.0

ISC 21 10:21:37.2, 1.5, 35.91N, 0.05, 140.99E, 0.09, h31km, 8km, n22, e=99/20, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHJO, CHJO, JIHU, JISMT, JHYU, JHYU, JYT, JHO, MJAR, MJAR, MJAR, JAT, JAT, ASAJ, ASAJ, KRSR, KRSR, KLR, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, KURBB, WRA, ASAR.

ISC 21 10:23:40.5, 3.2, 10.09N, 124.67E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/3.9, mbtmp3.4/3, Error ellipse: s-maj=29.4km s-min=27.2km az=64.0

MAN 21 10:23:43.8, 9.78N, 123.66E, h8km, mb3.2, ML4.4, MS3.0 ISCJB 21 10:23:44.0, 2.2, 9.78N, 0.03, 123.66E, 0.06, h12km, 15km, Error ellipse: s-maj=10.2km s-min=5.1km az=14.3

ISC 21 10:23:44.1, 1.7, 9.78N, 0.04, 123.71E, 0.07, h13km, 12km, n10, e=103/16, 5C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP, LLP, DCPH, DCPH, OCLP, OCLP, PLP, PLP, JAP, RCP, RCP, CTBH, WARR, ASAR, MKAR.

MAN 21 10:26:08.8, 9.71N, 123.71E, h1km, mb3.2, ML4.3, MS2.9, 3C, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP, LLP, MSLP, MSLP, PLP, PLP, RCP, RCP, BUKP, BUKP.

GUC 21 10:59:56.9, 0.7, 37.29S, 75.03W, h22km, 6km, ML3.6, 5C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCSF, CCSF, COCH, COCH, COCH, CCHI, CCHI, GO05, GO05, GO06, GO06, LMEL, LMEL, PEL, PEL, FCH, FCH.

MAN 21 11:10:40.3, 9.95N, 124.07E, h5km, mb3.1, ML4.3, MS2.8, 4C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LLP, LLP, MSLP, MSLP, OCLP, OCLP, PLP, PLP.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DCPH Dipolog City, RCP Roxas, BUKP Musuan.

BUIJ 21 11:29:29.0, 0.18, 79N; 145.75E, h241km, mb4.4/30, mB4.6/19

ISCJB 21 11:29:32.8, 0.2, 18.86N; 0.02, 145.51E; 0.04, h250km, mb4.7/68, Error ellipse: s-maj=5.3km s-min=3.4km az=5.2

ICD 21 11:29:32.6, 0.6, 18.86N; 145.53E, h234km, mb4.1/35, mB1.4/239, mb1mx4.1/51, mbtmp4.7/39, Error ellipse: s-maj=10.3km s-min=5.4km az=90.0

NEIC 21 11:29:33.1, 1.2, 18.87N; 0.03, 145.45E; 0.09, h238km, mb4.5/145

ISC 21 11:29:33.7, 0.3, 18.92N; 0.04, 145.53E; 0.06, h250km, m222, 0.155/211, mb4.5/124, 1.C, Mariana Islands

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated seismic data.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated seismic data.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated seismic data.

ISCJB 21 11:40:52.8, 0.4, 20.05S; 0.07, 177.90W; 0.07, h550km, mb3.9/13, Error ellipse: s-maj=10.9km s-min=6.5km az=141.5

NEIC 21 11:40:54.4, 1.4, 20.2S; 0.1, 177.8W; 0.1, h561km, mb4.4/27

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IDC 21 11:40:54.64.6.20.133x:177.89W,h559km,53km, mb3.5/12,mb1.3/8.13,mb1mx3.7/37,mbtmp4.5/13,Error ellipse: s-maj=26.8km s-min=21.0km az=1.0

ISC 21 11:40:53.4.0.5.20.20S:0.08:177.74W:0.08,h550km, n63,r153/64,mb4.2/23,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MSVF Nonsavu, NIUE Niue, AFI Afiamalu, etc.

ISC 21 11:41:49.2.1.2.49.56N:0.07:17.48E:0.06,h7km,n5, r0548/8,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MORC Moravy Berou, VRAC Vranov, etc.

DJA 21 11:43:13.5.3.3.11'N:26°12'4E:1.0,h70km,12km, M4.9/13,mb5.0/4,mb4.6/13,MLV5.3/1,MW(MB)4.2/4

MAN 21 11:43:13.9.1.0.10.06N:1.24:17E:h2km,mb4.0,MB4.5,MS4.1

ISCJB 21 11:43:14.6.0.8.10.07N:0.02:124.15E:0.03,h13km,5km, mb2.1/6,MS3.5/22,Error ellipse: s-maj=5.5km s-min=3.3km az=164.3

NEIC 21 11:43:15.9.1.4.1.0.06N:0.09:123.99E:1.0,h10km,1km, mb4.5/25

BUI 21 11:43:18.3.0.0.10.30N:123.79E,h10km,mb4.4/25, mb4.8/17,MS4.1/5,MS7.3/8.5

IDC 21 11:43:25.1.2.2.9.85N:124.08E,h97km,23km,mb3.8/10, mb1.4/0.12,mb1mx3.7/61,mbtmp4.3/12,MS3.5/22, Ms1.3/5.22,ms1mx3.3/5.2,Error ellipse: s-maj=24.5km s-min=1.3km az=77.0

ISC 21 11:43:25.1.2.2.9.85N:124.08E,h97km,23km,mb3.8/10, n105,r170/103,mb4.4/25,MS3.5/22,5C-6D,Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like LLP Lapu-Lapu, PLP Palo, etc.

Table with columns: GUIM Jordan, GUIM Dipolog City, DCPH Roxas, etc. Lists stations from Jordan to Roxas.

Table with columns: GUIM Warrungga Arr, GUIM Warrungga Arr, GUIM Warrungga Arr, etc. Lists stations from Warrungga Arr to Warrungga Arr.

Table with columns: MORC Moravy Berou, VRAC Vranov, VRAC Vranov, etc. Lists stations from Moravy Berou to Vranov.

Table with columns: GTA, GTA, GTA, etc. Lists stations from GTA to Zalesovo Beach.

ISCJB 21 11:50:15.4.0.4.6.87S:0.07:155.27E:0.05,h50km, mb3.9/8,MS3.0/1,Error ellipse: s-maj=9.9km s-min=6.5km az=2.4

NEIC 21 11:50:15.5.1.1.7.67S:0.1x155.22E:0.07,h35km,2km, mb4.4/12

IDC 21 11:50:20.2.4.3.6.92S:155.31E,h82km,33km,mb3.7/8, mb1.3/9.10,mb1mx3.7/37,mbtmp4.0/10,MS3.1/4, Ms1.3/1.4,ms1mx2.8/2.9,Error ellipse: s-maj=33.4km s-min=16.9km az=113.0

ISC 21 11:50:17.3.0.6.6.94S:0.08:155.30E:0.06,h50km,n38, r1967/33,mb4.1/12,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KRVT Keravat (AS076), KRVT Lemban, etc.

21d 15h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like EUZM Uzumlu, ERZN Erzincan, KEMA Kemaliye, etc.

ISCJB 21 15:01:55.0,3,3.46N:0.06:31.44W:0.04,h10km, mb4.3/24,MS4.0/22, Error ellipse: s-maj=8.9km s-min=6.0km az=169.2, BJI 21 15:01:55.0,0.0,3.40N:31.40W,h10km,Ms4.9/2, Ms7.4/8.2, IDC 21 15:01:55.1,0.5,3.31N:31.44W,h0km,mb4.4/24, mb1.4/5/24,mb1mx4.4/1,mbtmp4.3/24,MS3.9/21, Ms1.4/0.21,ms1mx3.8/30, Error ellipse: s-maj=18.3km s-min=11.9km az=157.0, NEIC 21 15:01:56.4,1.4,3.40N:0.06:31.40W:0.09,h10km,1km, mb4.8/79

GCMT 21 15:01:59.4,0.2,3.66N:0.03:31.35W:0.02,h15km,1km, MW4.9/27,Moment Tensor Solution, s-b2,c22; s97,c125; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=1.88e-16; Mw=0.43e+10; Ms=2.31e+11; Ms2=268.31; Ms3=0.77e+07; Mw=0.39e+17; Best double couple: Ms3,155000*10^16 NP1=31.1,0.00000*,s68.00000*,s-125.00000*, NP2: s=192.00000*,s41.00000*,s-36.00000*. Principal axes: T 2.7770,Plg15.00000*,Azim66.00000*,N 0.7540,Plg32.00000*,Azim326.00000*,P -3.5320,Plg54.00000*,Azim178.00000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 15:01:56.4,0.4,3.37N:0.09:31.42W:0.07,h10km,n147, s=192/138,mb4.7/53,MS4.0/23,Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like H10N3 ASCENSION HYDR0.22 123, H10N2 ASCENSION HYDR0.22 123, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like KEST Paris, KEST Kesra, CBCY The Bluff, CAY, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like NVAR comp-Z,1.26nm,20.2s,baz=190,slow=32, NVAR Mina Array Bea, etc.

MAN 21 15:24:57.1,10.09N:124.17E,h2km,mb2.9,ML4.1,MS2.5, 3C-10, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, etc.

IDC 21 15:25:57.4,0.9,23.86N:122.14E,h0km,mb3.9/8, mb1.4/0.9,mb1mx3.7/49,mbtmp3.9/9,ML4.1/1,MS3.0/3, Ms1.0/3.0,ms1mx2.7/37, Error ellipse: s-maj=51.0km s-min=18.0km az=65.0, ISCJB 21 15:25:59.8,0.3,23.88N:0.01:122.55E:0.01,h16km,2km, mb3.8/8,MS3.2/1, Error ellipse: s-maj=2.3km s-min=1.8km az=155.1, NIED 21 15:26:00.23:90N:122.50E,h26km,Mw3.9, Best double couple: M9.30000*10^14 NP1=235.00000*,s10.00000*,s73.00000*, NP2: s=63.00000*,s80.00000*,s91.00000*, TAP 21 15:26:00.2,23:89N:122.50E,h10km,ML4.2, JMA 21 15:26:00.3,0.3,23:92N:122.50E,h2km,Ms3.5, NEIC 21 15:26:00.2,2.0,23:91N:0.06:122.60E:0.06,h25km,6km, mb4.4/14, ISC 21 15:26:00.5,1.1,23.89N:0.02:122.49E:0.02,h23km,9km, n151, s=073/247, mb4.1/16, Taiwan region

2100 16h

Table with columns: DKL, Dikili, 0.71 344, PG, Pb, 15 29 19.3 +0.3, etc.

MAN 21 15:45:03.9, 10:04N:124:20E, h0km, mb3.1, ML4.3, MS2.9, 2C-1D, Leyte

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

IDC 21 15:55:19.2, 7.29, 84N: 113:99W, h0km, mb3.4/1, mb1 3.8/7, mb1mx3.6/4.1, mbtmp3.6/7, ML3.9/6, MS3.3/8, Ms1 3.3/8, ms1mx3.1/2.4, Error ellipse: s-maj=26.5km s-min=13.1km az=45.0, etc.

MEX 21 15:55:21.7, 1.1, 29.87N: 113:84W, h6km, MD3.9, BUJ 21 15:55:23.0, 0.5, 20:10N:113:50W, h10km, mb4.9/3, mb4.9/1

NEIC 21 15:55:27.1, 1.6, 30:08N:0:06:113:51W, h10km, h14km, 5km, mb4.7/9

ISC 21 15:55:22.6, 0.7, 29:94N:0:06:113:80W:0:06, h10km, n91, c232/86, 1D, Gulf of California

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

MAN 21 16:19:20.0, 9:95N:124:20E, h8km, mb3.4, ML4.5, MS3.2, 3C-4D, Mindanao

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

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Table with columns: YHL, Hebgen Lake, 15.03 7, P, P, 15 59 00.0 -0.7, etc.

ISC 21 15:58:42.0, 0.7, 18:24N:0:06:67:79W:0:03, h10km, Error ellipse: s-maj=9.4km s-min=4.2km az=13.2

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

NEIC 21 15:58:42.3, 1.5, 18:18N:0:04:67:79W:0:02, h4km, 1km RSPR 21 15:58:43.2, 18:26N:67:79W, h6km, 1km, MD2.7/8, OSPF 21 15:58:44.2, 5.2, 18:43N:67:69W, h0km, 62km, MD3.2, ML2.0

ISC 21 15:58:42.0, 0.9, 18:27N:0:06:67:78W:0:02, h10km, n30, c1504/37, 5C-4D, Mona Passage

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

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Table with columns: PB11, IPOC Station P, 9.72 157, Pn, Pn, 16 29 15.4 +0.1, etc.

ISC 21 16:39:31.5, 1.4, 33:43S:178:41W, h0km, mb4.4/3, mb1 4.6/4, mb1mx4.0/30, mbtmp4.5/4, ML4.4/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/2.9, Error ellipse: s-maj=41.4km s-min=36.4km az=15.0

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

ISC 21 16:39:32.0, 0.8, 33:53S:0:05:178:1W:0:1, h34km, mb4.3/3, MS3.8/1, Error ellipse: s-maj=17.6km s-min=4.0km az=18.1

NEIC 21 16:39:33.7, 1.8, 33:63S:0:08:177:9W:0:2, h48km, 8km, mb4.7/8

WEL 21 16:39:33.0, 0.8, 33:56S:17:8W:1:5, h33km, M4.4/2, mb5.0/10, ML4.8/22, MLV4.5/24, Mw(mB)4.2/10, Error ellipse: s-maj=0.0km s-min=0.0km az=109.6

ISC 21 16:39:33.6, 0.9, 33:51S:0:07:178:0W:0:1, h34km, n57, c1936/69, mb4.5/7, South of Kermadec Islands

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

Table with columns: PKGZ, Pakihiroa, 5.42 215, P, Pn, 16 40 51.0, -1.0, etc. Includes stations like Urewera, Ohinepanea, Raukumara Rang, etc.

ISCJB 21 17:03:04.5:0.4, 2.3:94N, 0.02:122.53E, 0.02, h26km, 3km, Error ellipse: s-maj=3.3km s-min=2.3km az=159.1

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, h m s, Time, Res. Includes stations like YONG, YOJ, YOY, EOST, etc.

Table with columns: EHY, Hungye, 1.17 250, eP, Pn, 17 03 24.4, -0.4, etc. Includes stations like SLBB, WHF, NNS, HATJ, etc.

Table with columns: SGST, Jiashan, 1.96 246, P, Pb, 17 03 37.7, -1.1, etc. Includes stations like CHN1, Nanshi, CHN1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like WOFM, CMMP, CTM, BBGB, BEHM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like OSI, OSI, OSI, OSI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other details. Includes stations like MARNC, PINNC, ONTNC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CAW Cannon Point, MSWZ Moikau Station, QWZ Quartz Range, etc.

DDA 21 19:14:09.9,34.66N,32.12E, h5km,2km,ML3.6
IDC 21 19:14:10.5,1.8,34.64N,31.95E, h0km,mb4,2/2,
mb1 3.9/8,mb1mx3.5/4,mbtmpp3.8/8,ML3.8/6, Error
ellipse: s-maj=41.6km s-min=18.0km az=61.0

NIC 21 19:14:13.5,0.0,34.72N,32.28E, h18km,ML3.7/8
GI 21 19:14:14.8,0.0,34.71N,32.35E, h0km,MD2.8/8
ISK 21 19:14:15.3,34.92N,32.34E, h3km,ML3.6/2b

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Code Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PARAL PARAL, PARAL PARAL, PARAL PARAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SALUM Salum, HMRG El Ghinia, HMRG Al Garhadqah, etc.

NIED 21 19:18:00,37.00N,142.50E, h11km, Mw4.1 Best double
couple: M01, 7.100x10^15 Np1, 2.06, 0.00000, 829, 0.00000,
lambda, 0.00000, NP2, 3.31, 0.00000, 861, 0.00000,
lambda, 0.00000,
IDC 21 19:18:14,7.0,6,37.02N,142.52E, h0km,mb4,1/16,
mb1 4.2/23,mb1mx4.1/42,mbtmpp4.0/23,ML3.5/6,MS3.3/5,
Ms1 3.4/5,ms1mx2.9/50, Error ellipse: s-maj=16.1km
s-min=14.4km az=126.0

ISCJB 21 19:18:15,7.1,4,37.05N,142.03E, h15km,8km,
mb4,0/17,MS3.9/1, Error ellipse: s-maj=6.1km
s-min=4.8km az=139.7

JM 21 19:18:15,7.0,3,37.02N,142.53E, h19km,MM 4
NEIC 21 19:18:17,4,1.7,37.00N,0.06,142.6E,0.1, h21km,2km,
mb4,6/17

ISC 21 19:18:15,7.4,4,37.04N,142.47E, h0.05, h7km,27km,
n99, s109/103,mb4,4/24, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include Code Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mesa Verde, Snowmass, WUAZ, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ulanbaatar, Ussuriysk Arr., etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, CMAR, etc.

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

ISCJB 21:21:35:04.8:0.4, 1.79N:0.04x127.22E:0.05, h103km, mb4.2/9, Error ellipse: s-maj=6.8km s-min=5.0km az=165.0

Main table of station data for Hokkaido region, listing stations from TINTI Ternate to MAW Mawson with their respective coordinates and phases.

ISC 21:21:42:22.1:1.2, 10.12N:124.87E, h0km, mb3.8/7, mb1.4/0.7, mb1mx3.7/39, mbmtpp3.9/7, MS3.8/2, Ms1.3/8.2, ms1mx2.9/34, Error ellipse: s-maj=61.7km s-min=18.6km az=67.0

Table of station data for Mindanao region, listing stations like LLP Lapu-Lapu, MSLP Maasin, OCLP Ormoc, etc.

Table of station data for CMAR region, listing stations like WRA Warrungama Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

MAN 21:21:44:36.0, 13.10N:120.05E, h1km, mb3.8, ML4.9, MS3.8 DJA 21:21:44:43.6:1.4, 13.1N:6.5x12.1E, h36km, 12km, M5.2/19, mB5.9/7, mb4.8/19, Mw(mB)5.4/7

Table of station data for Mindoro region, listing stations like LUBP Lubang, SJMP San Jose, TGY Tagaytay City, etc.

Table of station data for Mindoro region, listing stations like SBUM Sibuyan, WHN Waha, MSAL Masajid, etc.

Table of station data for Mindoro region, listing stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table of station data for LZH region, listing stations like LZH comp=Z.20nm,1.0s, Matsuhiro Hiro, HJCR Hato-hao-hao, etc.

Main table of station data for Luzon region, listing stations from FITZ Fitzroy Crossi to ARCS ARCES Array with their respective coordinates and phases.

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

GRAL 21 22:08:49.1, 0.3, 32.94N, 35.43E, h7km, 2km, MD3.1
ISCJB 21 22:08:50.3, 0.3, 33.04N, 0.2, 35.44E, 0.0, 4, h10km, 2km,
Error ellipse: s-maj=5.5km s-min=2.6km az=27.6

M/ma2 5/5, ML 1.6/3, MLV2 6/6
Gll 21 22:08:50.1, 0.1, 33.06N, 35.44E, h6km, MD2.6/6
ISC 21 22:08:50.2, 0.9, 33.05N, 0.2, 35.43E, 0.0, 3, h10km, 5km,
n29, c0545/43, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMB1, MMA0B, etc.

DJA 21 22:11:50.4, 0.8, 10.5'S, 117E, h27km, 7km, M3.8/11,
mb3.8/2, MLV3.8/11, Sumbawa region

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

ISK 21 22:31:15.2, 35.47N, 22.04E, h5km, ML3.0/3
THE 21 22:31:18.6, 35.50N, 22.17E, h0km, 2km, ML2.7/6, Error
ellipse: s-maj=3.0km s-min=1.3km az=209.0

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

ISCJB 21 22:54:58.3, 0.4, 37.97N, 0.0, 143.74E, 0.0, 4, h19km,
mb4.0/18, Error ellipse: s-maj=5.6km s-min=4.3km
az=172.2

JMA 21 22:55:00.3, 0.1, 37.95N, 143.71E, h46km, M4.3
NED 21 22:55:00.3, 0.1, 37.90N, 143.70E, h83km, Mx3.8
Best double
couple: Ms=53000, 10^4 NP1=347, 00000, 835, 00000,
1, 43, 00000, NP2=175, 00000, 867, 00000,
1, 11, 00000, 0

ICC 21 22:55:00.7, 6.8, 37.84N, 143.72E, h27km, 47km, mb3.9/18,
mb1.4/0/22, mb1mx3.9/58, mbtmp4.1/22, ML4.0/3, MS2.6/3,
Ms1 2.6/3, ms1mx2.4/39, Error ellipse: s-maj=18.5km,
s-min=15.2km az=124.0

NEIC 21 22:55:01.3, 2.5, 37.89N, 0.0, 143.8E, 0.1, h31km, 4km,
mb4.6/4

ISC 21 22:54:59.4, 0.7, 37.91N, 0.0, 143.70E, 0.0, 0.7, h19km, n58,
r=197/63, mb4.1/19, Off east coast of Honshu

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

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

MOS 21 23:17:05.5, 0.9, 51.77N, 175.29W, h39km, mb4.8/20,
Error ellipse: s-maj=9.3km s-min=6.3km az=99.6

ISCJB 21 23:17:06.9, 0.5, 51.78N, 0.0, 175.24W, 0.0, 3, h53km, 4km,
mb4.7/89, MS4.0/36, Error ellipse: s-maj=7.1km
s-min=2.7km az=178.0

NEIC 21 23:17:06.2, 5.1, 51.76N, 0.0, 175.23W, 0.0, 5, h35km, 3km
AEIC 21 23:17:06.2, 5.1, 51.76N, 0.0, 175.23W, 0.0, 5, h35km, 3km,
mb4.4/9, mb5.0/282(NEIC)

BUJ 21 23:17:08.1, 0.0, 52.34N, 175.87W, h44km, mb4.9/51,
mb5.1/34, Ms4.6/19, Ms7.4/4/20

GCMT 21 23:17:09.0, 0.4, 51.54N, 0.0, 175.42W, 0.0, 4, h36km, 1km,
MW4.9/70, Moment Solution: s38,c42, s70,c78;
Duration: 0 Moment tensor: Scale 10^19N; Mr,3.19t, 20;
Ms,2.70t, 12; Ms,0.48t, 11; Ms,1.25t, 10; Ms,0.14t, 09;
Ms,0.77t, 10; Best double couple: M3.283000, 10^16
NP1=76, 00000, 858, 00000, 1, 80, 00000, NP2:
q=274, 00000, 834, 00000, 1, 106, 00000, Principal axes:
T 3.5700, P1g75.0000, Azm317.0000, N -0.5800,
P1g9.0000, Azm81.0000, P -2.9500, P1g12.0000,
Azm173.0000, N 1.730000, nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rater function

ICC 21 23:17:11.1, 12.5, 51.82N, 175.35W, h75km, 21km, mb4.1/34,
mb1.4/3/36, mb1mx4.3/42, mbtmp4.4/36, MS3.8/28,
Ms1 3.8/28, ms1mx3.7/49, Error ellipse: s-maj=15.3km
s-min=8.5km az=173.0

ISC 21 23:17:06.4, 0.4, 51.59N, 0.0, 175.27W, 0.0, 3, h38km, 2km,
n803, c087/702, mb4.9/197, MS4.1/38, 30C-24D,
Andreanor Islands

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

21d 23h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like SCIA State Center, U32A Winter Ranch, F42A Maple Grove, etc.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like ARCES, K47A Vermontville, W39A Magazine, etc.

1110

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like N51A Ashland, T47A Sharon Grove, W47A Sharon Grove, etc.

22d 1h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like SMG Samos, PLG Polygyros, BGNE Belgrade, MYKA Terra Mystica, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like ITM Ithomi, KTHA Kythira Island, WINTER Ranch, MATE Matera, etc.

1118

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like F61A St Evariste, W41B Gary Mavity, W41B Gary Mavity, etc.

IDC 22 01:48:36.4+0.8,0.29S,125.17E,h0km,mb4.0/5,
mb1.4/0.7,mb1mx3.8/29,mbtmp4.0/7,ML3.4/2,MS3.0/2,
Ms1.3/1.2,ms1mx2.6/32,Error ellipse: s-maj=33.6km
s-min=18.3km az=84.0
ISCJB 22 01:48:38.3+0.5,0.45S,102.05E,18E,0.04,h10km,
mb4.0/5,MS2.8/2,Error ellipse: s-maj=7.5km s-min=5.8km
az=17.0
DJA 22 01:48:40.8+1.2,0.3S,3.12E,1.1h10km,9km,M4.2/9,
MLV4.2/9

ISC 22 01:48:39.0+0.7,0.34S,102.07E,125.25E,0.05,h10km,n18,
+18E,2.1,mb4.2/5,1D,Southern Molucca Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
KMSI	Cibinong	1.56 306	Op	ISC	01 49 06.0	-0.7	
KMSI			P	Sn	01 49 28.7	+1.7	
SANI	Sanana	1.86 157	P	Sn	01 49 11.6	+0.7	
LBMI	Labuha	2.27 98	P	Sn	01 49 18.0	+1.4	
LBMI			P	Sn	01 49 46.5	+1.8	
TNTI	Ternate	2.39 63	P	Pn	01 49 20.5	+2.3	
LUWI	Luwuk	2.57 254	P	Pb	01 49 26.2	+1.0	
MRSI	Marisa	3.40 264	P	Pn	01 49 34.6	+2.4	
APSI	Ampana	3.64 261	P	Pn	01 49 39.2	+3.7	
KAPI	Kappang	7.19 230	Pn	Pn	01 50 23.9	-0.4	
KAPI			Sn	Sn	01 51 44.7	-1.3	
KCP	1.1nm,0.3s,baz=183,slow=1.6,SNR=3.6			Pn	01 50 27.1	+1.3	
FITZ	Fitzyro Crossi	17.66 179	P	Pn	01 52 45.1	-0.1	
WRA	Warramunga Arr	21.42 156	P	P	01 53 26.1	-1.3	
WRA			LR	LR	02 02 07.4		
ASAR	Alice Springs	24.67 161	P	P	01 54 00.2	+0.1	
ASAR			PcP	PcP	01 57 36.8	-0.9	
CMAR	Chiang Mai Arr	31.89 307	LR	LR	02 00 59.1		
PETK	Petropavlovsk-	59.73 22	P	P	01 58 43.7	-0.1	
KSH	Kashi	59.94 317	eP	P	01 58 48.3	+2.6	
MKAR	Makanchi Array	60.09 327	P	P	01 58 45.7	-0.8	
NRK	Norilsk	74.02 347	P	P	02 00 11.6	-2.9	
TORD	Torodi Arr. Bea	126.65 285	PKP	PKP	02 07 34.1	-2.0	

NIED 22 01:59:00,23.80N,121.60E,h32km,Mw3.9 Best double
couple: M7, 45000, 1014 NPI, 217, 00000, 365, 00000,
1, -25, 00000, NP2, 318, 00000, 367, 00000,
1, -153, 00000

ISCJB 22 01:59:03.0+0.2,23.78N,121.64E,0.01,h25km,2km,
Error ellipse: s-maj=2.7km s-min=1.8km az=139.2

JMA 22 01:59:02.4+0.1,23.76N,121.63E,h25km,3km,M3.6

ASIES 22 01:59:02.9,23.81N,121.58E,h24km,MW3.4

TAP 22 01:59:03.2,23.81N,121.58E,h28km,ML4.0,B

ISC 22 01:59:03.0+0.9,23.79N,121.60E,0.02,h28km,5km,
n118,0.0976/172,4C-25D,Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
ENLB	Shoufeng	0.12 01	Op	ISC	01 59 08.6	+0.1	
ENLB			iS	Sb	01 59 13.4	+1.3	
ESL	Shilin	0.16 280	Op	Pb	01 59 08.7	-0.3	
ESL			iS	Sb	01 59 12.2	-0.5	
HWA	Hwaiien	0.19 11	Op	Pb	01 59 09.3	+0.1	
EGFH	Guangfu	0.20 234	Op	Pb	01 59 09.2	-0.1	
EGFH			S	Sb	01 59 13.7	+0.3	
TWD	Chiawan	0.29 359	Op	Pb	01 59 10.3	-0.3	
TWD			S	Sb	01 59 15.6	+0.2	
RLNB	Ruisui	0.34 209	P	Pb	01 59 11.6	+0.4	
HGSD			eS	Sn	01 59 18.1	-0.3	
NACB	Ninganchiao	0.39 359	Op	Pb	01 59 11.5	-0.4	
NACB			S	Sb	01 59 17.1	-0.6	
VWDT	VWDT	0.42 266	Op	Pb	01 59 12.4	-0.1	
VWDT			S	Sb	01 59 18.7	0.0	
ETLH	Xiulin Townshi	0.43 345	Op	Pb	01 59 12.1	-0.6	
ETLH			S	Sb	01 59 18.3	-0.8	
WHF	Hehuan Shan	0.47 319	Op	Pb	01 59 12.8	-0.8	
WHF			iS	Sb	01 59 20.1	-0.4	
YULB	Yu-Ii	0.48 215	Op	Pb	01 59 12.5	-1.0	
TWF1	Yuli	0.52 213	Op	Pb	01 59 13.1	-0.9	
SSLB	Suanglung	0.59 270	Op	Pb	01 59 14.6	-0.8	
SSLB			S	Sb	01 59 22.2	-1.2	
TWT	Tachien	0.61 320	Op	Pb	01 59 15.4	-0.3	
TWT			S	Sb	01 59 23.0	-1.0	
TDCB	Techi	0.62 319	Op	Pb	01 59 15.5	-0.3	
TDCB			S	Sb	01 59 23.1	-1.1	
SMLT	Sun Moon Lake	0.65 279	Op	Pb	01 59 15.9	-0.4	
SMLT			iS	Sb	01 59 24.2	-0.9	
ENA	Nanau	0.65 11	Op	Pb	01 59 15.7	-0.6	
NANB	Nanau	0.65 12	Op	Pb	01 59 15.7	-0.6	
NANB			S	Sb	01 59 24.6	-0.5	
DPDB	Guoxing	0.67 292	Op	Pb	01 59 16.2	-0.4	
DPDB			eS	Sb	01 59 25.7	+0.2	
YUS	Yu-Shan	0.67 244	Op	Pb	01 59 16.5	-0.3	
YUS			S	Sb	01 59 24.9	-1.1	
NNSB	Datong	0.67 343	Op	Pb	01 59 15.9	-0.7	
NNSB			S	Sb	01 59 24.4	-1.3	
NNS	Nan Shan	0.68 342	Op	Pb	01 59 16.2	-0.7	
NNS			eS	Sb	01 59 24.9	-1.2	
TYC	Fuchr	0.69 280	Op	Pb	01 59 16.4	-0.5	
TYC			iS	Sb	01 59 25.1	-1.0	
WHYT	Xinyi Township	0.69 263	Op	Pb	01 59 16.6	-0.3	
CHKT	Chengkung	0.72 198	Op	Pb	01 59 17.1	-0.3	
WHS	Taichung City	0.77 309	Op	Pb	01 59 18.0	-0.4	
WHP	Zhushan	0.80 273	Op	Pb	01 59 18.8	0.0	
WJS			eS	Sn	01 59 31.2	+1.3	
ELDTW	Lidau	0.80 222	Op	Pb	01 59 17.5	-1.3	
NDT	Datong Townshi	0.82 354	Op	Pb	01 59 18.2	-0.8	
WNT	Mingjian	0.84 276	Op	Pb	01 59 19.9	+0.3	

WNT			eS	Sn	01 59 31.5	+0.5	
TWC	Suao	0.85 15	eP	Pn	01 59 19.3	-0.2	
ENTT	Nioudou	0.85 358	eP	Pn	01 59 18.5	-1.1	
CHNS	Tsauling	0.87 258	Op	Pb	01 59 20.2	+0.2	
CHNS			S	Sn	01 59 32.0	+0.3	
EOS1	EOS1	0.90 32	eP	Pb	01 59 20.9	+0.5	
EOS1			eS	Sn	01 59 35.1	+2.9	
YHNB	Yeheng	0.90 347	Op	Pb	01 59 19.8	-0.6	
YHNB			eS	Sb	01 59 31.3	-1.0	
NSK	Sanguang	0.91 346	Op	Pb	01 59 19.9	-0.7	
NSK			S	Sb	01 59 31.3	-1.2	
TCU	Taichung	0.92 293	Op	Pb	01 59 21.4	+0.6	
TWE	Neicheng	0.93 4	eP	Pn	01 59 19.8	-0.9	
TWQ1	Liyutan	0.94 307	Op	Pb	01 59 21.6	+0.4	
TWQ1			S	Sn	01 59 33.8	+0.4	
WLG	Gukeng	0.96 264	Op	Pb	01 59 21.6	+0.1	
SLBB	Yuanshan	0.96 2	eP	Pn	01 59 19.4	-1.8	
WDLH	Douliu	0.98 264	Op	Pb	01 59 21.5	+0.2	
NWLT	Wulai	0.99 355	Op	Pb	01 59 20.6	-0.9	
NSY	Sanyi	0.99 309	Op	Pb	01 59 22.2	+0.2	
QZH	Qinghai	0.99 354	Op	Sb	01 59 35.4	+0.6	
STYT	Tauyuan	0.99 231	Op	Pb	01 59 21.8	+0.2	
STYT			S	Sn	01 59 34.3	-0.4	
WCHH	Zhanghua	1.00 287	Op	Pb	01 59 21.8	+0.2	
NSIT	Nanshi	1.00 327	Op	Pb	01 59 21.8	+0.1	
LIQB	Emei	1.01 328	Op	Pb	01 59 22.0	-0.3	
TPUB	Ta-pu	1.01 242	Op	Pb	01 59 22.3	-0.1	
TPUB			S	Sb	01 59 36.1	+0.7	
CHN4	Tsauhuan	1.02 245	Op	Sb	01 59 22.6	+0.1	
CHN4			S	Sb	01 59 36.5	+0.9	
WDJ	Dajia District	1.04 303	Op	Pb	01 59 22.6	-0.2	
PTSB	Yuanli	1.05 309	Op	Pb	01 59 22.8	-0.2	
PTSB			eS	Sb	01 59 37.5	+1.1	
WTP	Ta-pu	1.05 239	Op	Pb	01 59 22.8	-0.3	
WTP			eS	Sb	01 59 37.0	+0.5	
CHN2	Mingching	1.06 256	Op	Pb	01 59 24.6	+1.4	
TWG	Pinlang	1.08 207	Op	Pb	01 59 21.4	-1.4	
TWGB	Beinan	1.08 207	Op	Pb	01 59 20.6	-2.1	
NTC	Toucheng	1.08 11	Op	Pb	01 59 24.1	+0.5	
WLBT	Daxi	1.11 343	Op	Pb	01 59 24.6	+0.6	
CHY	Chiayi	1.12 255	Op	Pb	01 59 23.8	-0.3	
CHY			eS	Sb	01 59 39.4	+1.1	
RLNB	Erlin	1.14 275	Op	Pb	01 59 24.4	-0.1	
RLNB			eS	Sb	01 59 40.0	+1.1	
TWK	Hsiinying	1.15 243	Op	Pb	01 59 24.4	-0.3	
TWK			eS	Sb	01 59 41.1	+1.9	
SBCB	Hsinchu	1.15 331	Op	Pb	01 59 25.5	+0.8	
CHN1	Nanshi	1.15 239	Op	Pb	01 59 24.9	+0.1	
CHN1			S	Sb	01 59 39.7	+0.4	
SNST	Tainan City	1.16 241	Op	Pb	01 59 24.4	-0.5	
SNST			eS	Sb	01 59 40.4	+0.9	
HSN	Hsinchu	1.16 330	Op	Pb	01 59 25.8	+0.9	
HSN			eS	Sb	01 59 41.3	+1.6	
SGST	Jiashi	1.17 233	Op	Pb	01 59 24.2	+0.2	
SGST			eS	Sb	01 59 40.1	+0.3	
NHHD	Xindian Distri	1.17 357	Op	Pb	01 59 24.3	+0.3	
SLGT	Liugui	1.18 228	Op	Pn	01 59 24.5	+0.3	
TATO	Taipei	1.19 355	Op	Pn	01 59 24.2	0.0	
TWA	Mucha	1.19 359	Op	Pn	01 59 24.7	+0.4	
WTCT	Ta-ch'eng	1.21 274	Op	Pb	01 59 24.5	0.0	
NCUH	Zhongji	1.23 342	Op	Pb	01 59 25.6	-0.5	
NCUH			eS	Sb	01 59 43.2	+1.5	
NCU	National Centr	1.24 342	Op	Pn	01 59 25.3	+0.4	
NCU			eS	Sb	01 59 43.0	+1.3	
TWB1	Santiao Chiao	1.27 16	Op	Pb	01 59 25.6	+0.3	
WSF	Szhu	1.27 264	Op	Pb	01 59 27.0	+0.2	
NWF	Wu-fen Shan	1.29 7	Op	Pb	01 59 26.4	-0.7	
WFSB	Wu-fen Shan	1.29 7	Op	Pn	01 59 26.1	+0.5	
TWS							

comp=Z,5.7nm,1.3s
TORO Torodi Ar. Bea 174.623 124 PKPab PKPab 03 57 47.9 -0.1

ISCJB 22 03:36:34.7,0.4,38.22S:0.03:176.52E:0.04,h155km,4km,
m3.7/3, Error ellipse: s-maj=5.5km s-min=4.2km

IDC 22 03:36:34.7,0.6,38.12S:176.58E,h137km,8km,m3.5/2,
mb1 3.8/3,mb1mx3.5/2,mbtmp4.0/3,MS3.6/1,Ms1 3.5/1,

WEL 22 03:36:36.4,38.3S:177.7E,h139km,5km,MS3.8/5,
MLV3.5/85, Error ellipse: s-maj=0.0km s-min=0.0km

ISC 22 03:36:35.8,0.8,38.24S:0.04:176.51E:0.04,h148km,5km,
n139,r195/146,mb3.7/3,North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h m s ISC. Lists various stations like TARZ, RRRR, MKRZ, HLRZ, etc.

Table with columns: RPZ, Rata Peaks, Pn, Pn, 03 38 12.8 -0.9, 03 39 24.0 -6.5, etc. Lists stations like RPZ, RPZ, JCZ, ASAR, etc.

ISCJB 22 03:57:20.8,1.3,7.2S:0.1:155.3E:0.1,h50km,mb3.5/4,
Error ellipse: s-maj=20.2km s-min=12.7km az=147.1

IDC 22 03:57:28.7,5.2,7.02S:154.98E,h111km,38km,m3.3/4,
mb1 3.7/6,mb1mx3.5/2,mbtmp3.9/6,MS3.6/1,Ms1 3.6/1,

ISC 22 03:57:20.9,1.1,7.2S:0.1:155.4E:0.1,h50km,n8,
r158/10,mb3.6/4,Bougainville-Solomon Islands region

Table with columns: KRVT, Keravat (AS076), Op, ISC, h m s ISC, 03 58 26.0 +0.6, etc. Lists stations like KRVT, KRVT, PMG, etc.

ISL 22 03:58:11.6,1.0,35.57N:27.10E,h40km
GIL 22 03:58:22.1,35.47N:27.14E,h56km,ML2.9/15

ATH 22 03:58:22.8,35.58N:27.15E,h51km,3km,ML3.1/3, Error
ellipse: s-maj=3.6km s-min=1.5km az=145.0

DDA 22 03:58:34.1,36.36N:27.61E,h50km,4km,ML2.9
ISC 22 03:58:24.2,1.3,35.55N:0.05:27.16E:0.03,h46km,7km,

Table with columns: KARP, Karpathos, Op, ISC, h m s ISC, 03 58 30.8 -0.6, etc. Lists stations like KARP, KARP, KARP, etc.

STIA Sitia Lasithi 0.94 249 P Pn 03 58 41.0 0.0
ARC Arhangelos 1.03 49 P S 03 58 43.0 +0.7

ARC Arhangelos 1.03 49 P S 03 58 43.0 +0.7
NPS Neapolis 1.29 258 P S 03 58 46.0 +0.2

ANAF Anafi Island 1.38 306 P S 03 58 46.6 +0.5
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Table with columns: AKAS, Kas, 2.10 70 i P, Pn, 03 58 56.8 -0.2, etc. Lists stations like AKAS, AKAS, AKAS, etc.

GCAM G?zelcami? 2.15 2 P Pn Pn 03 58 58.1 +0.6
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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like KULA, KAVV, ISK, ARMIT, PETK, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like MDRV, KWP, KVP, KWL, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like BOJS, TREC, PERS, SOKA, etc.

Table with columns: ESDC, Sonseca Array, 94.32 310 P, P, 05 53 59.6 +0.4, comp=Z, 1.1nm, 0.6s, baz=62, slow=4, 2, SNR=5.4

JM25 22:05:49.14.3.0.1, 37.72N x 141.90E, h25km, 2km, M3.5, Near east coast of eastern Honshu

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

KRN25 22:05:51.04.7.0.1, 42.51N x 79.64E, h14km, mb2.7, NNC 22:05:51.04.8.1.3, 42.55N x 79.62E, h0km, mb3.2, mpv2.9

DJR 9.4nm, 0.3s eS Sg 05 52 03.0 -0.7, MDOK Medeo 2.07 291 P Pn 05 51 39.2 +0.5

IDC 22:05:57.6.4.6, 1.78S-152.10E, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.4/38, mbtmp3.6/2, Error ellipse: s-maj=207.5km s-min=49.1km az=112.0, New Ireland region

GII 22:05:40:49.9.0.2, 32.85N x 35.56E, h2km, MD3.3/7, HLW 22:05:40:49.5.0.3, 32.92N x 35.84E, h20km, 23km, MD3.6, MI3.5

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

IDC 22:06:11:33.9.2.0, 10.02N x 124.160E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/43, mbtmp3.8/3, Error ellipse: s-maj=1.0s, baz=47, slow=9.6, SNR=4.5

Table with columns: UNV, WMO, IMAR, TOLK, ILAR, ILAR, BMAR, EGAK, HYT, INK, YKA, PINE, ARCES, PNTR, NVAR, FINES. Includes station names, coordinates, and various codes.

ISC 22 07:05:00.3±1.3, 49°17'N, 0°06:18.88E±0.05, h9km±13km, n5, 09/7/10, Czech and Slovak Republics

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LANS, KOLL, VYHS, JAVC, MORC.

IDC 22 07:07:29.7±3.3, 4.95N, 128.52E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/26, mbtmp3.4/3, Error ellipse: s-maj=256.8km s-min=25.8km az=66.0

ISCJB 22 07:31.5±1.8, 5.1N, 0.3±128.9E±0.2, h33km, mb3.3/3, Error ellipse: s-maj=50.3km s-min=11.7km az=42.0

ISC 22 07:33.9±1.9, 9.51N, 0.3±128.8E±0.3, h35km, n4, c173/5, mb3.5/3, 1E, East of Philippine Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KCP, WRC, ASAR, MKAR.

ISCJB 22 07:16.11±0.6, 29.42S, 0.05±137.64E±0.07, h10km, Error ellipse: s-maj=10.4km s-min=4.6km az=148.6

IDC 22 07:16.11±0.5, 3.0±29.40S, 137.78E, h0km, mb1 3.1/3, mb1mx3.1/25, mbtmp2.9/3, ML2.9, Error ellipse: s-maj=74.6km s-min=16.3km az=49.0

AUST 22 07:16.4±3.0, 0.2±29.64S, 137.57E, h0km, Error ellipse: s-maj=1.1km s-min=0.1km az=240.0

ISC 22 07:16.12±2.0, 29.52S, 0.06±137.61E±0.05, h10km, n11, c193/20, South Australia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LCRK, OOD, BULO, BB00, HTT, STKA, ASAR, CMSA, FORT, WRA.

ISCJB 22 07:16:50.2±0.5, 45.74N, 0°02:26.76E±0.03, h124km, 3km, Error ellipse: s-maj=3.7km s-min=3.7km az=175.9

BUC 22 07:16:50.0±0.4, 45.73N, 26.71E, h126km, 3km, m3.8/32, Error ellipse: s-maj=2.4km s-min=2.3km az=67.0

SOF 22 07:16:51.9±0.5, 65.5N, 26.67E, h94km, Error ellipse: s-maj=1.5km s-min=1.5km az=74.0

ISO 22 07:16:55.5±1.0, 45.48N, 26.98E, h120km, ML3.0/4, Error ellipse: s-maj=1.5km s-min=1.5km az=74.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PLOR, VRI, BISRR, ODBI, PETR.

Table with columns: PETR, GRER, MLR, Muntele Rosu, Muntele Rosu, ISR, Istrita, TUDR, Tescani, BIR, Birlad, SEC, Giurgiuilesti, Giurgiuilesti, SULR, Carcaliui, Carcaliui, VOIR, AMRR, Bicz, Bicz, MTUR, LEHL, Lehliu, HARR, HARR, INCR, INCRC-Sediu C, INCRC-Sediu C, TLB, TLB, IAS, IAS, TLCL, TLCL, CVDA, CVDA, HUMR, HUMR, TIRR, TIRR, ICOR, ICOR, ICOR, ICOR, MILM, MILM, MILM, KIS, Kishinev, COPA, COPA, COPA, COPA, LOT, LOT, LOT, TSC, TSC, TSC, BURAR, BURAR, EFOR, EFOR, EFOR, EFOR, RAZG, RAZG, RAZG, ZIMR, ZIMR, MANR, MANR, SZH, PRD, SORM, SORM, ROIA, ROIA, GZR, GZR, GZR, ZAPS, ZAPS, ZAPS, ZAPS.

Table with columns: VTS, BOVS, GRUS, BOVS, SELS, FRGS, DIVS, IVAS, Vitosha, Bovan, Gruz, Tadeji, Selva, Fruska Gora, Divanija, Vitanjica.

NCEDC 22 07:28:15.4±0.9, 37.69N, 0°02:11.93W±0.02, h16km, 3km, Md2.5

NEIC 22 07:28:15.3±0.7, 37.67N, 0°02:11.94W±0.01, h13km, 4km, Central California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MDPB, MINS, MRDM, MDCM, MMMP, MLIM, MDYM, OMMS, MMLB, MMLM, MCMH, MLCM, MCMC, MGPM, MCBM, LUL, MCMC, MDRC, MLAC, MCMV, MLMH, RCR, ORC, SCHCA, BENR, MHDH, MRCM, MCMC, MTUM, MCDM, MFBM, WAKR, WAKR, CMB, MYLM, MYLM, LHV, POCOA, MCMC, HELL, NVAR, RYN, RYN, ANHB, BFC, NV11, NV11, GNO, YERR, EMB, PNTR, RUBR, ASMM, SFJWR, AASM, TARR, HPCM, VCNR, VCNR, BAVM, KVN, DONR, DONR, SAON, IND, KBF, PEAR, PAHR, PAGB, ISA, BEKR, ORV, TPNV, Columbia Colle, Yosemite Lake, Milner Canyon, Little Huntoon, Poleta Canyon, Owens River, Mitchell Peak, Mina Array Bea, Ryan, New Hogan Dam, Buffalo Canyon, Mina Array Sit, Genoa, Yerrington, Emerald Bay, Pine Nut, Rubicon Trail, Slate Mountain, San Luis Fatjo, Arroyo Seco, Pacheco City, Virginia Lake, Antelope Valle, Kisererville, Donner Summit, San Andreas Ge, Independence, Kyburz Flat, Peavine Mounta, Antelope Valley, Antelope Grade, Isabella, Lake, Beckworth, Oroville, Topopang Spring.

IDC 22 07:32:09.8±7.6, 3.09N, 127.67E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/4, mbtmp3.7/4, Error ellipse: s-maj=125.3km s-min=3.0km az=135.0, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, STKA.

IDC 22 07:53:08.8±0.8, 15.02N, 60°10'W, h0km, mb3.8/10, mb1 4.1/14, mb1mx3.8/56, mbtmp3.9/14, ML3.5/4, MS2.6/2, s-maj=1.2, 62.7km s-min=2.4/29, Error ellipse: s-maj=24.9km

TRN 22 07:53:16.9±1.0, 15.00N, 60°56'W, h51km, MD3.9, Error ellipse: s-maj=1.5km s-min=1.5km az=74.0

ISCJB 22 07:53:17.3±0.3, 15.01N, 0°01:60.56W±0.04, h70km, 2km, mb3.7/10, Error ellipse: s-maj=6.1km s-min=2.0km, az=165.4

NEIC 22 07:53:18.1±1.5, 15.00N, 0°04:60.54W±0.07, h61km, 7km, MD3.9

ISC 22 07:53:16.8±1.0, 15.00N, 0°03:60.52W±0.05, h50km, 9km, n177, c157/174/240, mb3.9/16, 13D, Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ILAM, MVM, LPMF, BAMP, MPMF, SIM, ZAM, CXM, GDF, GDF, PML, PCM, TRMF, DBCT, DBCT, MDN, MDN, DWS, DWS, SLW, SLW.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MDPO Dominica, MDPV Dominica, SLBI Saint Lucia, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like RUSC La Rusia, PTGA Pitinga, PTGA Pitinga, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like YOTC Yotoco, YOTC Yotoco, PRAC Prado, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PCAS Casnilo, Castro Verde, Evora, Coimbra, Barranco-do-Ve, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MDT Arette, GERES Arette, COLL Colim, TORO Tori Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GZT Gaziantep, KAMA Osmaniye, URFA Urfa, MALTA Malatya, etc.

22h 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Prapat, Rantau Prapat, Hialar, Ala-Archa, etc.

2023 OCT

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BORA Eskisehir, BORA BORA, BORA BORA, etc.

1130

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ASAR, ASAR, ASAR, etc.

Table with columns: ICA, Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Kamikawa-asahi, Canberra, Toolangi, Wake Island, etc.

ISC 22 11:09:38.0-0.9, 281.46N-50.78E, h0km, mb4.0/12, mb1.4/11.5, mb1mx3.9/49, mbtmp4.0/15, ML3.3/3, MS2.8/2, Ms1.2/2, ms1.2/2, Error ellipse: s-maj=21.5km s-min=19.0km az=175.0

ISCJB 22 11:09:39.1-0.3, 281.42N-50.79E, h0km, mb4.0/13, MS2.8/1, Error ellipse: s-maj=4.5km s-min=2.5km az=140.5

THR 22 11:09:40.7, 28.93N-50.66E, h18km, ML3.6, NEIC 22 11:09:42.4-2.5, 28.47N-50.75E, h0.02, h0km, mb4.1/22, mb_Lg4.0(T/H), ML3.6(THR)

TEH 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Kazeroun, Shiraz, Sarvestan, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Jahrom, Kolanjeh, Brojen, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Asho, Ashiyah, Komasi, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: ICA, Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Keskin Array B, Chuyararon, Karatay Array, etc.

ISC 22 11:09:38.0-0.9, 281.46N-50.78E, h0km, mb4.0/12, mb1.4/11.5, mb1mx3.9/49, mbtmp4.0/15, ML3.3/3, MS2.8/2, Ms1.2/2, ms1.2/2, Error ellipse: s-maj=21.5km s-min=19.0km az=175.0

ISCJB 22 11:09:39.1-0.3, 281.42N-50.79E, h0km, mb4.0/13, MS2.8/1, Error ellipse: s-maj=4.5km s-min=2.5km az=140.5

THR 22 11:09:40.7, 28.93N-50.66E, h18km, ML3.6, NEIC 22 11:09:42.4-2.5, 28.47N-50.75E, h0.02, h0km, mb4.1/22, mb_Lg4.0(T/H), ML3.6(THR)

TEH 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Zalesovo Array, Castel Tesino, Zalesovo Array, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Dawson Inlet, Mitchell Dam, Barry Inlet, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, Mina Array Bea, etc.

ISC 22 11:09:46.1, 29.00N-50.92E, h5km, ML4.0, OMAN 22 11:09:47.3-0.4, 28.45N-51.05E, h30km, ml3.7/3, ms2.8/1, Error ellipse: s-maj=17.8km s-min=6.9km az=225.0

ISC 22 11:09:41.1-0.5, 28.53N-50.5076E, h0.05, h10km, n132, r1571/138, mb4.1/21, C-1D, Persulfate Gulf

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Batumi, Batumi, Borcka, etc.

Table with columns: ICA, Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Bademkaya, Agillar, etc.

ISCJB 22 11:42:02.8-0.3, 23.76N-122.03E, h0.02, h25km, 2km, Error ellipse: s-maj=2.9km s-min=1.9km az=35.9

JMA 22 11:42:03.2-0.1, 23.78N-122.00E, h30km, 2km, M3.0, TAP 22 11:42:04.0, 23.78N-121.96E, h36km, ML3.1, C, ISC 22 11:42:03.1-1.0, 23.76N-121.99E, h0.02, h29km, 9km,

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Shoufeng, Hualien, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Nacab, Nacab, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Yulub, Yulub, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Eosi, Eosi, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TWC, TWC, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SMLT, SMLT, etc.

22d 12h

YOJ	Yonaguni jima	1.17	53	eS	Sb	11 42 39.6	+0.2
WNT	Mingjian	1.20	276	P	Pn	11 42 24.7	+0.7
WNT				S	Sb	11 42 40.9	+0.4
CHN5	Tsauling	1.21	262	P	Pb	11 42 25.9	+0.4
CHN5				eS	Sb	11 42 40.5	-0.4
TIPB	Shuangxi	1.21	353	eP	Pn	11 42 24.6	+0.5
TIPB				S	Sb	11 42 40.4	-0.5
TWB1	Santiao Chiao	1.24	360	S	Sn	11 42 40.0	-0.2
NSTT	Nanjuang	1.25	314	P	Pb	11 42 26.2	+0.1
NSTT				S	Sb	11 42 41.4	-0.4
LI0B	Emei	1.25	315	P	Pb	11 42 26.4	+0.2
LI0B				S	Sb	11 42 41.8	-0.1
TWGBT	Beinan	1.26	222	eP	Pn	11 42 24.2	-0.5
TWGBT				eS	Sn	11 42 39.9	-0.8
TWG	Pinlang	1.26	222	eP	Pn	11 42 24.8	0.0
TWG				eS	Sn	11 42 40.0	-0.7
TCU	Taichung	1.26	288	eP	Pb	11 42 26.3	0.0
TCU				eS	Sb	11 42 42.8	+0.7
NHDH	Xindian Distri	1.27	341	eS	Sn	11 42 40.9	-0.1
WLTB	Daxi	1.28	328	eP	Pb	11 42 26.6	0.0
STYT	Tauyuan	1.28	242	eP	Pb	11 42 26.1	-0.6
STYT				eS	Sn	11 42 42.1	+0.8
TATO	Taipei	1.29	339	eS	Sb	11 42 42.4	-0.6
NWF	Wu-fen Shan	1.32	352	eS	Sb	11 42 43.5	-0.3
TPUB	Ta-pu	1.33	250	eP	Pn	11 42 26.5	+0.7
TPUB				eS	Sb	11 42 45.9	+1.8
WDLH	Douliu	1.33	267	eP	Pb	11 42 27.0	-0.5
WDLH				eS	Sb	11 42 44.4	+0.2
NMLH	Miaoili	1.34	305	eP	Pn	11 42 26.5	+0.6
NMLH				eS	Sb	11 42 44.2	-0.2
CHN4	Tsaushan	1.34	253	eP	Pb	11 42 27.5	-0.3
CHN4				eS	Sb	11 42 45.1	+0.5
WCHH	Zhanghua	1.35	284	eP	Pb	11 42 27.9	+0.1
WTP	Ta-pu	1.36	248	P	Pb	11 42 27.9	-0.2
WTP				S	Sb	11 42 45.4	+0.2
WDJ	Dajia District	1.36	296	eP	Pb	11 42 27.7	-0.3
TWS1	Kuangyinshan	1.43	339	eP	Pb	11 42 28.4	-0.7
TWS1				eS	Sb	11 42 47.0	0.0
YM01	YM01	1.43	345	eP	Pb	11 42 28.3	-0.9
YM01				eS	Sn	11 42 45.8	+0.8
YM10	YM10	1.44	344	eS	Sn	11 42 46.2	+0.9
YM04	YM04	1.45	343	eS	Sn	11 42 45.8	+0.4
YM05	YM05	1.45	345	eP	Pb	11 42 28.6	-1.0
YM05				eS	Sn	11 42 46.0	+0.6
YM11	YM11	1.45	345	eS	Sn	11 42 46.5	+1.0
SGST	Jiashian	1.46	243	eP	Pb	11 42 29.0	-0.7
SGST				eS	Sb	11 42 48.6	+0.7
CHN1	Nanshi	1.46	247	P	Pb	11 42 30.0	+0.3
CHN1				eS	Sb	11 42 48.3	+0.4
YM08	YM08	1.47	346	eP	Pb	11 42 28.3	+0.7
YM08				eS	Sn	11 42 46.0	+0.2
SNST	Tainan City	1.47	249	P	Pb	11 42 29.4	-0.5
SNST				eS	Sb	11 42 48.1	-0.1
RLNB	Erlin	1.50	275	eS	Sb	11 42 49.5	+0.6
ECL	Taimali	1.50	220	eP	Pn	11 42 27.7	-0.3
ECL				eS	Sn	11 42 45.2	-1.4
SSD	Sandimen	1.61	231	eP	Pn	11 42 30.4	+0.9
SSD				eS	Sb	11 42 50.8	-1.3
IRIF	Iriomote-Funau	1.69	70	P	Pn	11 42 31.3	+0.6
IRIF				eS	Sn	11 42 51.6	+0.3
MASBT	Mashibuluo	1.69	228	eP	Pn	11 42 31.5	+0.8
MASBT				eS	Sn	11 42 53.0	+1.6
EAST	Anshuo	1.73	218	eP	Pn	11 42 30.8	-0.4
JKRS	Kuro-shima	1.91	75	P	Pn	11 42 34.8	+1.2
JKRS				S	Sn	11 42 57.4	+0.7
JUJ	Ishigaki jima	2.06	73	P	Pn	11 42 35.7	0.0
JUJ				eS	Sn	11 42 59.1	-1.3
JISG	Ishigakijimahi	2.27	68	P	Pn	11 42 38.6	-0.1
JISG				eS	Sn	11 43 04.7	-1.0
JTJ	Tarama	2.63	70	P	Pn	11 42 43.8	+0.2
JTJ				S	Sn	11 43 15.2	+0.8

NIED 22 12:08:00.24'40N,121'90E,h20km,Mw3.9 Best double couple: M8.23000°1014' NP1.0e68.00000°,δ77.00000°,λ11.00000°. NP2.0e335.00000°,δ79.00000°,λ166.00000°. JMA 22 12:08:37.2-0.1,24'39N,121'86E,h33km,3km,M3.7 ISCJB 22 12:08:37.8-0.2,24'46N,01'121'97E,0.1,h19km,2km,mb3.6/8,MS2.7/2,Error ellipse: s-maj=37.9km s-min=1.7km az=28.8 TAP 22 12:08:37.6,24'45N,121'90E,h21km,ML4.2,B ASIES 22 12:08:38.3,24'46N,121'83E,h23km,MW3.6 IDC 22 12:08:39.0,6.6,24'47N,121'72E,h120km,62km,mb3.3/8,mb1.3/9,mb1mx3.3/57,mbtmp3.7/9,MS2.8/2,Ms1.2.9/2,ms1mx2.8/27,Error ellipse: s-maj=37.9km s-min=19.8km az=71.0 ISC 22 12:08:37.6-0.8,24'45N,01'121'93E,0.02,h18km,3km,n135,e071/234,mb3.6/8,27C-12D,Taiwan

2013 OCT

EOS1	baz=58		S	Sg	12 08 48.2	+2.1	
ILA	Ilan	0.36	333	↑P	Pb	12 08 45.7	+0.2
ILA			iS	Sb	12 08 51.0	+0.2	
TWE	Neicheng	0.36	319	↑P	Pb	12 08 45.4	-0.2
TWE			iS	Sg	12 08 50.2	-0.2	
ENTT	Nioudou	0.38	300	↑P	Pg	12 08 45.6	0.0
ENTT			S	Sg	12 08 51.1	+0.1	
SLBB	Yuanshan	0.41	319	↑P	Pg	12 08 45.4	-0.6
SLBB			eS	Sg	12 08 51.0	-0.8	
NACB	Ninganchiao	0.41	229	↑P	Pg	12 08 45.4	-0.6
NACB			S	Sg	12 08 50.9	-0.8	
NDT	Datong Townshi	0.41	292	↑P	Pb	12 08 46.2	-0.2
NDT			S	Sg	12 08 51.7	-0.1	
NTC	Toucheng	0.42	347	↑P	Pb	12 08 46.4	-0.1
NTC			S	Sb	12 08 52.2	-0.2	
ETLH	Xiulin Townshi	0.47	240	↑P	Pg	12 08 46.5	-0.7
ETLH			eS	Sg	12 08 53.5	-0.2	
TWD	Chiawan	0.47	220	P	Pg	12 08 46.6	-0.6
TWD			S	Sg	12 08 53.3	-0.4	
NNSB	Datong	0.50	268	↑P	Pg	12 08 47.4	-0.3
NNSB			S	Sg	12 08 53.6	-0.9	
NNS	Nan Shan	0.51	269	↑P	Pg	12 08 47.5	-0.3
NNS			S	Sg	12 08 54.1	-0.7	
NWLT	Wulai	0.51	310	↑P	Pg	12 08 47.8	-0.1
NWLT			eS	Sg	12 08 54.5	-0.3	
TIPB	Shuangxi	0.53	350	↑P	Pb	12 08 48.4	0.0
TIPB			iS	Sg	12 08 55.2	-0.3	
YHNB	Yeheng	0.55	294	↑P	Pg	12 08 48.5	-0.1
YHNB			S	Sg	12 08 55.3	-0.9	
HWA	Hwaiien	0.55	212	eP	Pb	12 08 49.4	+0.7
HWA			eS	Sn	12 08 58.1	-1.1	
TWB1	Santiao Chiao	0.56	5	↑P	Pb	12 08 49.0	+0.1
TWB1			S	Sg	12 08 56.1	-0.3	
NSK	Sanguang	0.57	294	↑P	Pg	12 08 48.7	-0.2
NSK			S	Sg	12 08 55.8	-0.8	
ENLB	Shoufeng	0.62	209	eP	Pn	12 08 50.7	-0.7
ENLB			eS	Sn	12 09 01.7	+0.8	
TWA	Mutcha	0.62	329	↑P	Pb	12 08 49.9	+0.1
TWA			S	Sb	12 08 58.4	+0.2	
NHDH	Xindian Distri	0.63	324	↑P	Pg	12 08 50.3	+0.2
NHDH			S	Sb	12 08 58.6	0.0	
NWF	Wu-fen Shan	0.64	348	↑P	Pg	12 08 50.6	+0.3
NWF			S	Sb	12 08 59.5	+0.7	
WFSB	Wu-fen Shan	0.64	348	↑P	Pg	12 08 50.6	+0.4
WFSB			S	Sb	12 08 59.2	+0.5	
TATO	Taipei	0.66	323	↑P	Pg	12 08 50.7	0.0
TATO			S	Sg	12 08 59.4	-0.2	
WHF	Hehuan Shan	0.68	244	↑P	Pg	12 08 50.4	-0.7
WHF			S	Sg	12 08 59.5	-0.7	
TAP1	Taipei	0.70	328	↑P	Pg	12 08 51.8	+0.5
TAP1			S	Sg	12 09 00.9	+0.3	
TAP	Taipei	0.70	327	P	Pg	12 08 51.8	+0.3
TAP			S	Sg	12 09 01.5	+0.6	
TWT	Tachien	0.71	255	P	Pb	12 08 51.6	+0.1
TWT			eS	Sg	12 09 01.3	+0.1	
TDCB	Techi	0.73	255	↑P	Pb	12 08 51.6	-0.2
TDCB			eS	Sb	12 09 01.3	-0.3	
WLTB	Daxi	0.74	303	↑P	Pg	12 08 52.5	+0.4
WLTB			S	Sg	12 09 02.4	+0.5	
YM01	YM01	0.77	335	↑P	Pn	12 08 53.0	-0.6
YM01			S	Sg	12 09 03.4	+0.5	
ESL	Shilin	0.78	216	eP	Pb	12 08 52.0	-0.6
ESL			eS	Sg	12 09 03.7	+0.6	
YM10	YM10	0.78	335	↑P	Pn	12 08 53.2	-0.6
YM10			S	Sg	12 09 03.3	0.0	
YM11	YM11	0.79	336	↑P	Pg	12 08 53.3	+0.3
YM11			S	Sg	12 09 03.6	+0.1	
YM05	YM05	0.79	335	↑P	Pg	12 08 53.2	+0.2
YM05			S	Sg	12 09 03.8	+0.3	
YM04	YM04	0.79	333	↑P	Pg	12 08 53.2	+0.2
YM04			S	Sg	12 09 03.7	+0.1	
TWS1	Kuangyinshan	0.80	325	eP	Pn	12 08 53.7	-0.2
TWS1			S	Sn	12 09 04.6	-0.9	
YM08	YM08	0.80	337	eP	Pg	12 08 53.3	0.0
YM08			eS	Sg	12 09 03.5	-0.4	
ANP	Anpu	0.83	333	P	Pg	12 08 53.8	0.0
ANP			S	Sg	12 09 04.9	+0.2	
NTST	Danshui	0.84	329	eP	Pn	12 08 54.5	+0.1
NTST			P	Pb	12 08 54.6	-0.1	
NCU	National Central	0.85	308	P	Sg	12 09 05.8	+0.3
NCU			S	Sg	12 09 05.7	0.0	
NCUH	Zhongli	0.85	308	eP	Pn	12 08 54.7	0.0
NCUH			eS	Sn	12 09 06.5	-0.2	
LI0B	Emei	0.86	284	eP	Pg	12 08 54.3	0.0
LI0B			eS	Sb	12 09 05.1	0.0	
NSTT	Nanjuang	0.87	282	eP	Pb	12 08 54.2	+0.2
NSTT			S	Sg	12 09 05.8	+0.1	

NSTT	baz=283		S	Sg	12 09 05.8	-0.1	
TWY	Chenhua	0.88	340	P	Pn	12 08 55.1	+0.1
TWY			eS	Sn	12 09 06.7	-0.6	
EGFH	Guangfu	0.90	211	eP	Pb	12 08 54.6	0.0
EGFH			eS	Sg	12 09 07.5	+0.5	
WHP	Taichung City	0.91	260	eP	Pn	12 08 55.5	0.0
WHP			eS	Sb	12 09 06.9	+0.1	
JYNG	Yonagunijimaku	0.93	89	P	Pb	12 08 55.1	0.0
JYNG			S	Sb	12 09 07.1	+0.1	
SBCB	Hsinchu	0.93	292	P	Pn	12 08 56.3	+0.6
SBCB			S	Sn	12 09 08.5	-0.1	
HSN	Hsinchu	0.94	292	eP	Pb	12 08 55.5	+0.1
HSN			eS	Sg	12 09 08.1	-0.3	
YOJ	Yonaguni jima	0.98	89	eP	Pb	12 08 55.6	-0.5
YOJ			eS	Sb	12 09 08.6	-0.2	
YOJ	Yonaguni jima	0.98	89	P	Pb	12 08 55.9	-0.2
VWDT	VWDT	1.00	226	P	Pb	12 08 56.3	0.0
VWDT			S	Sg	12 09 10.3	+0.3	
DPDB	Guoxing	1.00	246	eP	Pn	12 08 56.9	0.0
DPDB			S	Sb	12 09 09.8	+0.5	
NMLH	Miaoili	1.04	275	eP	Pg	12 08 58.6	+0.8
HGSD	Ruisui	1.06	206				

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PENMO	Penman	20.91	8	P	P	13 52 23.8	-0.2
WVT	Waverly	20.92	13	P	P	13 52 24.0	-0.2
WVT	Waverly	20.92	13	P	P	13 52 23.9	-0.2
WVT	Waverly	20.92	13	P	P	13 52 23.9	-0.2
Z57A	Bowman	20.92	31	P	P	13 52 23.9	-0.2
HSIG	Balboa, Cauca	20.92	312	P	P	13 52 23.2	-1.0
BBAC	Balboa, Cauca	20.93	129	eP	P	13 52 26.7	+2.0
V48A	McMinnville	21.05	17	P	P	13 52 24.8	-0.7
PBMO	Poplar Bluff	21.13	7	P	P	13 52 26.7	+0.3
PBMO	Poplar Bluff	21.13	7	P	P	13 53 00.8	
U32A	Winter Ranch,	21.17	347	P	P	13 52 27.8	+0.9
U32A	Winter Ranch,	21.17	347	P	P	13 53 04.1	
CPCT	Cooper Cave	21.18	20	P	P	13 52 26.6	-0.4
CPCT	Cooper Cave	21.18	20	P	P	13 53 00.6	
X54A	Belton	21.19	26	P	P	13 52 26.0	-1.1
V50A	Pikeville	21.20	19	P	P	13 52 27.0	-0.2
121A	Cookes Peak, D	21.24	325	P	P	13 52 30.6	+2.8
121A	Cookes Peak, D	21.24	325	P	P	13 52 29.5	+1.7
121A	Cookes Peak, D	21.24	325	P	P	13 52 32.0	
319A	Douglas	21.30	320	P	P	13 52 30.1	+1.7
319A	Douglas	21.30	320	P	P	13 52 32.6	
OTAV	Otavallo	21.30	135	P	P	13 52 30.6	+1.7
OTAV	Otavallo	21.30	135	P	P	13 52 30.6	+1.7
OTAV	Otavallo	21.30	135	P	P	13 52 30.6	+1.7
SDDR	Presa de Saban	21.33	78	P	P	13 52 29.5	+0.8
ORTC	Ortega, Tolima	21.35	121	eP	P	13 52 30.1	+1.2
BG3	Lake Jocassee	21.35	24	Iamb	Iamb	13 52 29.4	+0.6
BG3	Lake Jocassee	21.35	24	Iamb	Iamb	13 53 02.9	
MGMO	Mountain Grove	21.37	2	P	P	13 52 28.9	0.0
MGMO	Mountain Grove	21.37	2	P	P	13 53 06.6	
W53A	Cullowhee	21.42	23	P	P	13 52 28.9	-0.7
JSC	Jenkinsville	21.46	28	P	P	13 52 29.5	-0.4
JSC	Jenkinsville	21.46	28	P	P	13 52 29.5	-0.4
TKL	Tuckaleechee C	21.63	22	P	P	13 52 32.0	+0.3
TKL	Tuckaleechee C	21.63	22	P	P	13 52 32.0	+0.3
W54A	Cherokee Point	21.74	25	P	P	13 52 31.5	-1.3
W54A	Cherokee Point	21.74	25	P	P	13 52 31.5	-1.3
X56A	White Oak	21.74	28	P	P	13 52 31.9	-1.0
PRAC	Prado	21.75	121	eP	P	13 52 33.9	+0.5
U49A	Red Boiling Sp	21.78	17	P	P	13 52 32.4	-0.9
V52A	Sevierville	21.86	22	P	P	13 52 34.6	+0.5
BNM	Barren Site	21.89	329	P	P	13 52 36.7	+2.0
T47A	Sharon Grove	21.90	14	P	P	13 52 34.1	-0.5
T47A	Sharon Grove	21.90	14	P	P	13 52 34.0	-0.5
T47A	Sharon Grove	21.90	14	P	P	13 53 07.6	
U50A	Jamestown	21.96	19	P	P	13 52 34.7	-0.6
V53A	Saluda	21.99	23	P	P	13 52 35.3	-0.3
V53A	Saluda	21.99	23	P	P	13 52 34.8	-0.9
V53A	Saluda	21.99	23	P	P	13 53 09.9	
LENM	Lemitar	22.07	329	P	P	13 52 37.9	+1.2
U51A	La Follette	22.20	20	P	P	13 52 36.6	-1.2
CHIC	Chingola	22.23	118	eP	P	13 52 40.5	+1.8
CCM	Cathedral Cave	22.32	4	P	P	13 52 37.7	-1.3
CCM	Cathedral Cave	22.32	4	P	P	13 52 37.4	-1.7
CCM	Cathedral Cave	22.32	4	P	P	13 52 37.4	-1.7
CCM	Cathedral Cave	22.32	4	P	P	13 53 00.9	
T49A	Edmonton	22.40	17	P	P	13 52 38.2	-1.7
T49A	Edmonton	22.40	17	P	P	13 52 38.2	-1.7
V54A	Nebo	22.43	25	P	P	13 52 39.4	-0.8
U52A	Thorn Hill	22.43	22	P	P	13 52 40.0	-0.2
ANMO	Albuquerque	22.45	331	P	P	13 52 42.3	+1.6
ANMO	Albuquerque	22.45	331	P	P	13 53 00.1	0.0
ANMO	Albuquerque	22.45	331	P	P	13 52 42.0	+1.3
ANMO	Albuquerque	22.45	331	P	P	13 52 41.9	+1.2
ANMO	Albuquerque	22.45	331	P	P	13 52 41.9	+1.2
ANMO	Albuquerque	22.45	331	P	P	13 52 40.4	-0.3
W56A	Indian Trail	22.48	28	P	P	13 52 39.8	-0.9
TZTN	Tazewell	22.50	21	P	P	13 52 41.0	+0.1
T50A	Nancy	22.52	18	P	P	13 52 40.2	-0.9
U53A	Fall Branch	22.70	23	P	P	13 52 42.3	-0.7
W57A	Gilead	22.77	29	P	P	13 52 40.6	-3.0
V55A	Taylorville	22.80	26	P	P	13 52 43.1	-0.8
V55A	Taylorville	22.80	26	P	P	13 52 43.2	-0.7
TUC	Tucson	22.87	319	P	P	13 52 46.5	+1.8
TUC	Tucson	22.87	319	P	P	13 52 46.6	+1.8
TUC	Tucson	22.87	319	P	P	13 52 46.6	+1.8
TUC	Tucson	22.87	319	P	P	13 52 48.4	
W58A	RaeFord	23.02	31	P	P	13 52 45.1	-1.0
V56A	Mocksville	23.08	28	P	P	13 52 45.7	-1.0
S49A	Springfield	23.11	16	P	P	13 52 45.2	-1.7
U54A	Nelsons Funny	23.13	24	P	P	13 52 47.5	+0.3
U54A	Nelsons Funny	23.13	24	P	P	13 53 21.2	
T52A	Hallie	23.21	21	P	P	13 52 47.2	-0.7
T52A	Hallie	23.21	21	P	P	13 53 21.4	
T53A	Wise	23.26	22	P	P	13 52 47.4	-1.0
S50A	Richmond	23.27	18	P	P	13 52 47.6	-0.8
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.5	-0.9
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1
WCI	Wyandotte Cave	23.27	14	P	P	13 52 47.1	-1.3
WCI	Wyandotte Cave	23.27	14	P	P	13 53 09.7	+1.1

22d 18h

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

DJA 22 18:41:12.3-0.4, 7.3S, 10.6E, h10km, M3.9/10, mb4.1/2, MLV3.8/10, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKJI Sukabumi, SBJI Surab, LEM Lembang, etc.

ISCJB 22 18:04:22.9-1.1, 20.82S, 0.05E, 67.41W, 0.05, h200km, 13km, Error ellipse: s-maj=11.2km s-min=5.0km az=42.2

SJA 22 18:04:22.6-0.5, 20.84S, 67.39W, h200km, 5km, ML3.0, MW3.2

GUC 22 18:04:24.2-0.6, 20.76S, 67.89W, h228km, 6km, ML4.0

ISC 22 18:04:21.2-2.3, 20.79S, 0.06E, 67.39W, 0.06, h218km, 21km, n19, a1537/34, 9C, SONRIA Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, GO01 Chuzmisia, YJA Yavi, etc.

ISCJB 22 18:17:51.4-1.0, 1.015S, 0.05E, 119.73E, 0.08, h32km, mb4.6/1, Error ellipse: s-maj=11.2km s-min=7.0km az=15.9

DJA 22 18:17:51.5-0.5, 0.5S, 3.12E, h11km, 5km, M3.8/10, mb3.9/1, MLV3.8/10

ISC 22 18:17:51.0-1.3, 0.04S, 0.06E, 119.68E, 0.08, h32km, n10, a1563/12, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MFSI Mapaga, APSI Ampana, MRSI Marisa, etc.

NECDC 22 18:18:56.6-0.7, 37.550N, 0.007E, 122.28W, 0.01, h2km, 6km, Md1.9

NEIC 22 18:18:56.6-0.4, 37.550N, 0.012E, 122.30W, 0.01, h9km, 4km, Central California

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCHM Cahill Ridge, JHPC San Andreas, JRSJ Jiles Canyon, etc.

BJI 22 18:42:01.9-0.0, 9.51N, 124.55E, h60km, mb4.9/71, mB5.2/52, Ms4.6/42, Ms7.4/3/31

MAN 22 18:42:02.6, 10.050N, 124.15E, h11km, MS4.9, NEIC 22 18:42:02.1-2.3, 10.010N, 0.06E, 124.16E, 0.06, h13km, 3km, mB5.1/1/8

GCMT 22 18:42:04.0-1.0, 0.108N, 0.02E, 124.21E, 0.02, h12km, MW4.9/85, Moment Tensor Solution, s39.c55; s85.c141; Duration: 0 Moment tensor: Scale 1016Nm; Mr2.46t.09; Mw=0.93t.07; Mw=1.52t.09; Mw=1.67t.27; Mw=1.61t.07; Ms=0.31t.26; Best double couple: Ms3.17700x10^16 NP1, 240.00000, 862.00000, 112.00000. NP2: 0s 19.00000, 836.00000, 155.00000. Principal axes: T 3.1690, Plg66.0000, Azm191.0000; N 0.0250, Plg19.0000, Azm49.0000; P -3.1850, Plg14.0000, Azm314.0000; P refers to body waves, cutoff=40s. nS2a refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJB 22 18:42:05.8-0.3, 10.010N, 0.01E, 124.27E, 0.02, h54km, 3km, m5.0/153, MS3.9/39 Error ellipse: s-maj=3.3km s-min=2.4km az=161.1

MOS 22 18:42:05.6-1.0, 10.010N, 124.16E, h53km, mb5.3/28, MS4.1/4, Error ellipse: s-maj=8.2km s-min=4.3km az=116.0

DJA 22 18:42:06.0-1.1, 10.1N, 3.12E, h25km, 8km, M5.0/83, mB5.1/83, mB5.5/42, MLV5.6/3, MW(mB)5.0/4, M3.8/10, mb1.4/5/44, mb1mx4.5/33, mbmp4.8/44, MS3.8/30, mb1.8/3/30, ms1mx3.8/38, Error ellipse: s-maj=13.1km s-min=7.4km az=75.0

ISC 22 18:42:10.9, 9.92N, 124.05E, h44km, mb5.0, KLM 22 18:42:05.1-0.5, 10.010N, 0.02E, 124.19E, 0.03, h13km, 3km, n592, a1564/627, mb5.0/194, MS3.9/39, 20C-12D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBP Tagbilaran, PLP Palo, CGP Cagayan de Oro, DCPH Dipolog City, GUIM Jordan, BESP Borongan, RCP Roxas, PAGZ Pagadian, JAGJ San Jose, Anti, JAP JAPA, MMHP Masbate, IPIL Ipil, CTBH Cotabato-PC H, BIRP Bislig, KCP Kidadapawan, DMPH Davao City-Mi, DMPH Davao City (W), DAV Davao City, DAV Davao City (W), DAV Davao City (W), ZCP Zamboanga City, SJMP San Jose, SJMP San Jose, DDMP Don Marcelino, DDMP Don Marcelino, GQP Guinayangan, GQP Guinayangan, LQP Luuk, LQP Luuk, SGSI Sangihe, KKM Kota Kinabalu, KMSI Cibinong, TMTI Ternate, TMTI Ternate, MRSI Marisa, MRSI Marisa, MFSI Mafate, ISPW PALAU INFRASOUND, LUWI Luwuk, LUWI Luwuk, APSI Ampana, SANI Sanana, SIJI Sorong, SIJI Sorong, SIJI Sorong, TWG Pinlang, NLAI Namlea, YUJI Yuji, TPUB Tu-pu, TTSI Tana Toraja, SSSL Suanglung, SSBM Sibiu, SSBM Sibiu, MSAI MSAI, AAI Ambon, NACB Nanchangchiao, SPSI Sidrap Palu, YHNB Yeheng, TATO Taipei, FAKI Fak Fak, FAKI Fak Fak, KBKI Kotabaru, DLV T Lat, HKPS Hong Kong Po S, HKPS Hong Kong Po S, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, BKSI Bulukumba

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Table with columns: STKI, Sintang, 16.05 233, P, P, 18 45 52.0 +0.2. Includes stations like KSM Kuching, BAKI Biak, QIZ Qiongzhong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATM Batumi, RFOR Krasnaya Polya, SOC Sochi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, GSPH General Santos, DAV Davao City (W), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMU Giongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

IDC 22:20:41.14:0.453:0.35:60N-120.77W, h0km, Error ellipse: s-maj=196.7km s-min=98.2km az=111.0, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

MOS 22:20:53:54.5:1.0, 5:23N:125.83E, h46km, mb5.2/26, Error ellipse: s-maj=9.1km s-min=5.1km az=105.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI Baumata, BSM Baumata, KSM Kuching, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLAI Pilampang, GENI Genyem, IGBI Gendapasar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PWJI Pagerwojio, NACB Ningshanchiao, YOJ Yonaguni jima, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RPSI Rantau Prapat, SURT Suratani, PSA00 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PKDT Phuket, NJ2 Nanjing, SISI Saibi, etc.

22d 21h

Table with columns for station name, coordinates, elevation, and status. Includes stations like LBZ Lake Benmore, THZ Tophouse, TUWZ Tuamarina, etc.

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Table with columns for station name, coordinates, elevation, and status. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

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Table with columns for station name, coordinates, elevation, and status. Includes stations like G53A Haliburton, D58A Chemin du LacG, BANO Bancroft, etc.

SJA 221:04:56.5:0.4, 34:23S:70:72W, h33km, ML3.6, MW3.5
ISCJB 221:04:59.3:0.7, 34:52S:0:04:70.69W:0.10, 11.25km, 7km,
ellipsoid: s=ma; s=13.6km s-min=6km az=171.5
NEIC 221:05:01.0:1.9, 34:55S:0:06:70.9W:0.2, h96km, 23km
GUC 221:05:01.0:1.6, 34:53S:0:08:76.8W, h88km, 6km, ML4.1
ISC 221:04:58.4:1.7, 34:57S:0:05:70.83W:0.06,
h124km, 15km, n23, c251930, C2-2D, Chile-Argentina

Table with columns for station name, frequency, and other technical details. Includes stations like WAKE ISLAND, KNRA, NLAI, WAKE ISLAND, LBMI, STKA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like URZ, MUGZ, MRURUPA, RUKUKARA RANG, MATAKAOA POINT, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ERM, DLV, KASI, KOTA AGUNG, KOREA ARRAY, etc.

22d 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G03D McMinnville, O, L04D Klamath Falls, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SWSC Sam W. Stewart, TPNV Topopah Spring, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RSSD Black Hills, VNA1 Neumayer-Stat, etc.

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Table with columns: ID, Name, Time, Distance, Status, and other details. Includes entries like Hillman, Wyandotte Cave, Smith Brothers, etc.

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Table with columns: ID, Name, Time, Distance, Status, and other details. Includes entries like Soroca, Waverly Hall, Collingwood, etc.

22d 21h

Table with columns: ID, Name, Time, Distance, Status, and other details. Includes entries like Belton, Cherokee Point, Nebo, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SUR, SUR, KOLS, VOIR, SSFA, SSSA, ALFO, Z57A, V57A, GKP, G57A, O57A, H57A, S57A, N57A, L57A, TRPA, J57A, I57A, M57A, X57A, U57A, P57A, O57A, R57A, HUMR, HOPR, COPA, LATO, O58A, ELND, ZIMR, D58A, NHSC, DWPF, LONY, OJC, OJC, OJC, E58A, V58A, J58A, R58A, M58A, BINY, K58A, G58A, Q58A, N58A, T58A, Y58A, DRGR, DRGR, DRGR, I58A, Z58A, W58A, NIE, NIE, NIE, P58A, X58A, O58A, L58A, U58A, O59Z, R58B, H58A, O59A, 859A, J59A, LSZ, LSZ, H59A, F59A, 959A, CBN, K59A, Z59A, G59A, O59A, V59A, M59A.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like L59A, Y59A, W59A, N59A, P59A, R59A, GZR, GZR, LANS, LANS, X59A, RDO, RDO, I59A, O61Z, T59A, U59A, Q59A, F60A, SIRR, OKC, OKC, E60A, CNNC, D60A, I60A, G60A, PSZ, PSZ, H60A, N60A, O60A, HERR, HERR, Y60A, P60A, X60A, S60A, U60A, K60A, W60A, J60A, L60A, M60A, BZS, BZS, MBAR, MBAR, Q60A, T60A, MORC, MORC, KSP, KSP, V60A, VYHS, VYHS, F61A, G61A, E61A, K61A, H61A, CHVC, CHVC, L61A, DPC, DPC, BANR, BANR, I61A, N61A, LBNH, W61A, NVR, NVR, J61A, U61A, JAVC, M61A, V61A, PAL, S61A, E62A, SRO2, SRO2, D62A, SRO, SRO, H62A, L61B, VRAC, F62A, G62A, V61A, K62A, MODS, MODS, I62A, J62A, KRUC, M62A, PVCS.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PVCC, YLE, V62A, BRG, BRG, BRG, BRG, AZU, AZU, FRGS, D63A, CLL, CLL, CLL, CLL, CLL, VAY, GOPC, GOPC, NNA, I63A, TREC, H63A, K63A, MORH, G63A, F63A, STIP, J63A, PRU, J63A, HRV, HRV, PKME, M63A, BCIP, BCIP, DIVS, Y63A, L63A, E64A, F64A, SKO, G64A, H64A, CONA, I64A, M64A, BBLs, L64A, NKC, NKC, RUDO, P64A, OTAV, OTAV, FNA, FNA, KHC, KHC, H65A, GERES, GERES, GERES, GERES, P64A, ARSA, G65A, OHR, MAKR, MAKR, UPM, MOA, SERG, ANX, GRGC, GRGC, H66A, PDG, PDG, KLV, BLY, DRME, PERS, SOKA, BRY, TREB, STON, STON, BOUS, BOUS, BBAC, VISS, EVGI, LJU, KBA, MYKA, CRUC, CRUC, CEY, JAVS, RIV, LVC, LVC, POPC, SOTA, SOTA, ABTA, WATA, WTAA.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MOTA Moosalm, YOTC Yotoco, RETA Reutte, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KOK Koryaka, GNL Ganally, RUS Rus, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EGAK Eagle, EGAO Redoubt, EYAK Cordova, etc.

KRSC 22-21:22.46±1.5, 54.666N, 168.71E, h59km±22km, ML4.2,

Central Alaska region

Central Alaska region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BKI Bering, MKZ Mys Kozlova, BDR Bairdarnaya, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like COLA CIGO, HOLA College, IL31 Harding Lake, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OMMB Old Mammoth, RSSD Black Hills, K22A Caspe, etc.

22d 23h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Q16A Castle Valley, SRU San Rafael SWE, and many others.

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Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIAR Mount Ida, LONJ Lake Ozonia, and many others.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes regions like Bougainville-Solomon Islands, South Sandwich Islands, and Fiji Islands.

23d 1h

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

IDC 23 00:42:21.0±2.5, 101.60S; 114.03E, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/28, mbtmp4.0/6, MS2.7/3, Ms1 2.7/3, ms1mx2.5/30, Error ellipse: s-maj=98.0km s-min=20.3km az=49.0

ISCJB 23 00:42:22.4±0.7, 101.90S; 0.05±113.74E; 0.04, h33km, mb4.0/6, MS2.5/2, Error ellipse: s-maj=7.2km s-min=5.8km az=22.8

DJA 23 00:42:25.6±2.0, 111.54E; 11.4E; h38km, 27km, M4.5/18, mb4.7/6, MS5.8/2, MLV4.1/18, Mw(m)5.4/2

ISC 23 00:42:24.8±1.0, 10.87S; 0.09±113.75E; 0.06, h35km, n28, ±102/30, mb4.1/6, South of Jawa

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, HOS2, HOS2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOS3, HOS3, HOS1, HOS1, etc.

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

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

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

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

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

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11S3, H11S3, PD31, PD31, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MS1, MS1, NEIC, NEIC, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like USR0, USR0, USR0, USR0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like USR0, USR0, USR0, USR0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MA2, MA2, MA2, MA2, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11N2, H11N2, H11N1, H11N1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11N3, H11N3, H11S1, H11S1, etc.

23d 3h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Limon Verde, IPOC Station P, Yavi, Humahuaca, etc.

KRNET 23 03:24:47.1±0.1, 40.10N, 70.29E, mb2.6, ISC 23 03:24:46.5±2.9, 40.0N, 02:70.18E±0.08, h17km, n9, ±25.07/15, 14C-SD, Tajikistan

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

UPA 23 03:28:57.7±1.8, 8.33N, 82.30W, h15km, 3km, MW3.6, 6C-6D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like San Bartolo, C, David, etc.

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GMAL, CACAO, TOSIS, etc.

UCR 23 03:45:44.0±1.8, 10.70N, 86.30W, h5km, MD4.1, ML3.4, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GBS3, LBP, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Arenal 1, Laguna Cededo, Acoyapa, etc.

NNC 23 03:53:50.9±4.3, 36.91N, 71.15E, h68km, 140km, mb3.3, mpv3.5, 3C-1D, Error ellipse: s-maj=43.7km, s-min=35.5km, az=115.0, Afghanistan-Tajikistan border region

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

NNC 23 03:58:58.4±3.7, 54.32N, 86.13E, h0km, mb3.5, mpv2.6, 4C-1D, Error ellipse: s-maj=36.6km, s-min=16.3km, az=173.0, Suspected Mining explosion, Southwestern Siberia

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

ISCJB 23 03:59:55.7±0.4, 20.60S, 108.07W, h47W±0.07, h587km, mb3.6/8, Error ellipse: s-maj=10.9km, s-min=7.3km, az=148.3

ISC 23 03:59:56.8±3.0, 20.64S, 178.34W, h583km, 37km, mb3.1/7, mb1 3.4/8, mb1mx3.2/30, mbtmp4.1/8, Error ellipse: s-maj=34.9km, s-min=13.9km, az=155.0

NEIC 23 03:59:56.9±1.6, 20.55S, 178.4W±0.1, h597km±7km, ISC 23 03:59:56.5±0.5, 20.55S, 01:178.4W±0.08, h587km, n46, ±1505/49, mb3.9/16, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for GERES Array B 150.12 344 and GERES Array B 150.12 344.

ISJCJB 23 04:03:06.7,0.5,16.55S:0.04:72.08W:0.05,h100km, Error ellipse: s-maj=7.9km s-min=4.4km az=150.8

NEIC 23 04:03:07.4,1.5,16.50S:0.07:71.98W:0.04,h121km,9km, mb4.4,M4.3(GUC)

GUC 23 04:03:11.1,0.3,16.83S:71.88W,h137km,13km,ML4.3

ISC 23 04:03:06.7,0.6,16.49S:0.05:71.97W:0.06,h100km,n51, a=21/77,1C-1D,Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB12 IPOC Station P and PB12 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PB16 IPOC Station P and PB16 IPOC Station P.

DJA 23 04:16:24.5,0.5,10.54S:114.4E,h30km,M4.3/13, mb5.2,mB6.6/1,MLV3.7/13,Mw(mB)6.5/1,South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JAGI Jajag, Banyuw and IGBI Denpasar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for IGBI Denpasar and GMLJ Gumukmas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for DNP Denpasar and SRBI Singaraja.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PWJI Pagerwojo and TWSI Taliwang, Sumb.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for TWSI Taliwang, Sumb and Pacitan Wonogiri, Jawa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for UGM Wanagama and PLMI Plampang.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for BASI Baing, Sumba and ISCJB 23 04:17:08.7,0.5,32.24N:0.02:115.20W:0.02.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ISCJB 23 04:17:08.7,0.5,32.24N:0.02:115.20W:0.02 and ANF 23 04:17:08.6,0.8,32.22N:115.24W,h12km,4km,ML2.9/15.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ANF 23 04:17:08.6,0.8,32.22N:115.24W,h12km,4km,ML2.9/15 and NEIC 23 04:17:08.2,1.9,32.21N:0.04:115.25W:0.04.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NEIC 23 04:17:08.2,1.9,32.21N:0.04:115.25W:0.04 and SCEDS 23 04:17:09.8,32.20N:115.25W,h15km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SCEDS 23 04:17:09.8,32.20N:115.25W,h15km and PAS 23 04:17:09.8,2.0,32.20N:0.08:115.25W:0.02.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PAS 23 04:17:09.8,2.0,32.20N:0.08:115.25W:0.02 and MEX 23 04:17:10.8,0.6,32.33N:115.10W,h36km,5km,MD3.8.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for MEX 23 04:17:10.8,0.6,32.33N:115.10W,h36km,5km,MD3.8 and ECX 23 04:17:11.0,0.6,32.22N:115.31W,h5km,MD3.0,ML3.2.

Table with columns: X18A Snowflake, 5.00 61, Pn, 04 19 23.6 -0.2, 04 19 20.6 -0.4.

BJI 23 04:19:31.4,0.0,53.92N:160.35E,h115km,mb4.8/42, mB5.1/29

KRCS 23 04:19:32.5,0.6,53.82N:160.53E,h102km,8km,ML5.1, FELT [IV] at GMS Semyachiki; [II-III] at Institute, Petropavlovsk; [II] at GMS Kronoki

ISCJB 23 04:19:34.0,0.1,53.92N:0.02:160.15E:0.04, h118km,1km,mb4.5/71, Error ellipse: s-maj=4.1km s-min=2.4km az=43.6

MOS 23 04:19:33.0,0.9,53.91N:160.25E,h112km,mb4.7/19, Error ellipse: s-maj=7.4km s-min=3.4km az=76.2

MOS Felt (II-III) at Petropavlovsk-Kamchatski; (II) at Kronoki. NEIC 23 04:19:34.5,1.4,53.92N:0.07:160.1E:0.1,h111km,2km, mb4.6/161

ISC 23 04:19:34.9,0.5,54.05N:159.95E,h107km,5km,mb4.1/39, mb1.4/340,mb1mx2.4/56,mbtmp4.5/40,MS3.3/6, MS1.3/36,ms1mx2.9/50, Error ellipse: s-maj=12.2km s-min=5.9km az=149.0

ISC 23 04:19:34.0,0.1,53.93N:0.03:160.34E:0.03,h110km,3km, h110km,pp-P,n592,1120/595,mb4.6/132,17C-15D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for KII Karymskiy and KII Karymskiy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SPN Mys Shipunski and SPN Mys Shipunski.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SPN Mys Shipunski and SPN Mys Shipunski.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NLC Nalytchevo and NLC Nalytchevo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NLC Nalytchevo and NLC Nalytchevo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NLC Nalytchevo and NLC Nalytchevo.

W13A	Hualapai Mount	60.20	70	I	Amb	I	Amb	04 29 33.6
N23A	Red Feather La	60.25	61	P	P	P	P	04 29 33.0 +2.0
BC3	Big Chuckawall	60.38	73	P	P	P	P	04 29 33.1 +1.3
MONP2	Monument Peak	60.39	74	P	P	P	P	04 29 33.6 +1.7
PDMC1	Parker Dam,Lak	60.64	71	P	P	P	P	04 29 35.2 +1.9
SWSC	Sam W. Stewart	60.71	73	P	P	P	P	04 29 35.4 +1.6
IKP	In-Ko-Pah, Jac	60.75	74	P	P	P	P	04 29 35.9 +1.7
Y12C	Blythe	60.84	72	P	P	P	P	04 29 36.8 +2.1
Y12C	Blythe	60.84	72	I	Amb	I	Amb	04 29 37.7
SMCO	Snowmass	60.97	63	I	Amb	I	Amb	04 29 38.8
SUSD	Miller	61.10	54	P	P	P	P	04 29 37.3 +1.0
GLA	Glamis	61.18	73	P	P	P	P	04 29 39.3 +2.2
ISCO	Idaho Springs	61.22	61	P	P	P	P	04 29 39.9 +2.2
ISCO	Idaho Springs	61.22	61	I	Amb	I	Amb	04 29 40.5
WUAZ	Wupatki	61.29	68	P	P	P	P	04 29 40.3 +2.4
WUAZ	Wupatki	61.29	68	I	Amb	I	Amb	04 29 40.8
Y14A	Wickenburg	61.55	71	I	Amb	I	Amb	04 29 42.6
MVCO	Mesa Verde	61.61	65	P	P	P	P	04 29 41.9 +1.7
MVCO	Mesa Verde	61.61	65	I	Amb	I	Amb	04 29 42.9
EYMN	Ely	61.83	46	P	P	P	P	04 29 41.6 +0.5
NIL	Nilore	62.00	289	P	P	P	P	04 29 41.5 -1.1
NIL	Nilore	62.00	289	P	P	P	P	04 29 41.5 -1.1
NIL	Nilore	62.00	289	P	P	P	P	04 29 43.9
X16A	Lo Mia Camp, P	62.07	69	I	Amb	I	Amb	04 29 46.2
Q24A	Divide	62.08	62	P	P	P	P	04 29 45.1 +1.7
S22A	4UR Ranch, Cre	62.10	64	P	P	P	P	04 29 45.9 +2.4
S22A	4UR Ranch, Cre	62.10	64	I	Amb	I	Amb	04 29 46.5
OGNE	Ogallala	62.20	58	P	P	P	P	04 29 46.3 +2.4
W18A	Petrified Fore	62.49	68	P	P	P	P	04 29 48.2 +2.2
ECSD	EROS Data Cent	62.74	53	P	P	P	P	04 29 48.2 +0.9
ECSD	EROS Data Cent	62.74	53	I	Amb	I	Amb	04 29 48.9
SDCO	Great Sand Dun	62.81	63	P	P	P	P	04 29 50.3 +2.1
X18A	Snowflake	62.81	68	I	Amb	I	Amb	04 29 51.4
NB2	NORSAR Subarra	62.85	344	P	P	P	P	04 29 47.1 -0.7
NOA	NORSAR Array B	62.85	344	P	P	P	P	04 29 47.3 -0.5
214A	Organ Pipe Nat	63.13	72	P	P	P	P	04 29 52.1 +2.0
SPMN	Marine on St.	63.35	49	P	P	P	P	04 29 52.1 +0.8
BGNE	Belgrade	63.78	55	P	P	P	P	04 29 55.0 +0.8
252A	Trinidad	63.84	62	P	P	P	P	04 29 56.4 +1.5
TUC	Tucson	64.00	70	P	P	P	P	04 29 57.9 +2.0
ANMO	Albuquerque	64.40	65	P	P	P	P	04 30 00.3 +1.8
ANMO	Albuquerque	64.40	65	P	P	P	P	04 30 00.4 +1.8
ANMO	Albuquerque	64.40	65	P	P	P	P	04 30 00.4 +1.8
SCHQ	Schefferville	64.91	28	P	P	P	P	04 30 01.0 -0.3
CBKS	Cedar Bluff	64.97	58	P	P	P	P	04 30 02.4 +0.3
SCIA	State Center	65.74	52	P	P	P	P	04 30 07.8 +0.9
KSU1	Kansas State U	66.30	56	P	P	P	P	04 30 10.7 +0.1
L40A	Anamosa	66.54	50	P	P	P	P	04 30 11.9 0.0
AMTX	Amarillo	66.98	62	P	P	P	P	04 30 16.1 +1.0
MSTX	Muleshoe	67.11	64	P	P	P	P	04 30 17.0 +1.1
MSTX	Muleshoe	67.11	64	I	Amb	I	Amb	04 30 18.0
MNTX	Cornudas Mount	67.45	67	P	P	P	P	04 30 19.8 +1.9
MNTX	Cornudas Mount	67.45	67	I	Amb	I	Amb	04 30 20.4
N41A	Harden Midland	67.78	51	P	P	P	P	04 30 20.3 +0.4
AKASG	Malin Array Be	68.04	329	P	P	P	P	04 30 19.9 -1.4
AKASG	Malin Array Be	68.04	329	P	P	P	P	04 30 19.9 -1.4
WMOK	Wichita Mounta	68.60	60	P	P	P	P	04 30 26.2 +1.1
WMOK	Wichita Mounta	68.60	60	I	Amb	I	Amb	04 30 27.0
HDIL	Hopedale	68.61	50	P	P	P	P	04 30 25.2 +0.2
KIV	Kislovodsk	68.98	317	eP	P	P	P	04 30 25.5 -1.9
KIV	Kislovodsk	68.98	317	P	P	P	P	04 30 25.5 -1.9
K48A	Perry	69.06	45	P	P	P	P	04 30 28.2 +0.4
KBZ	Khabaz	69.08	316	P	P	P	P	04 30 27.0 -0.8
KBZ	Khabaz	69.08	316	P	P	P	P	04 30 27.0 -0.8
D56A	ZEC Mazanza, M	69.15	37	P	P	P	P	04 30 29.6 +1.4
TUL1	Leonard	69.20	57	P	P	P	P	04 30 29.4 +0.7
TUL1	Leonard	69.20	57	I	Amb	I	Amb	04 30 29.9
P43A	Skaggs, Pawnee	69.25	51	P	P	P	P	04 30 28.8 -0.1
K49A	Clarkson	69.35	45	P	P	P	P	04 30 30.2 +0.6
M47A	Cromwell	69.60	47	P	P	P	P	04 30 31.3 +0.2
L48A	N Adams	69.63	46	P	P	P	P	04 30 31.5 +0.2
CCM	Cathedral Cave	69.71	53	P	P	P	P	04 30 32.7 +0.9
L49A	Milan	69.78	46	P	P	P	P	04 30 32.8 +0.6
ABTX	Abilene, Hawle	69.80	62	P	P	P	P	04 30 33.6 +1.0
ABTX	Abilene, Hawle	69.80	62	I	Amb	I	Amb	04 30 34.5
MGM0	Mountain Grove	69.94	54	I	Amb	I	Amb	04 30 34.1
D59A	Saint-Raymond	70.20	35	P	P	P	P	04 30 35.0 +0.3
TX31	Lajitas Ar. Si	70.21	67	I	Amb	I	Amb	04 30 37.7
TX32	Lajitas Array	70.21	67	I	Amb	I	Amb	04 30 37.7
TXAR	Lajitas Array	70.21	67	P	P	P	P	04 30 36.9 +1.7
TXAR	Lajitas Array	70.21	67	P	P	P	P	04 31 03.4 +1.0
TXAR	Lajitas Array	70.21	67	P	P	P	P	04 30 36.4 +1.2
L50A	Kingsville	70.23	45	P	P	P	P	04 30 35.0 0.0
ORIO	Orleans, Innes	70.24	38	P	P	P	P	04 30 34.7 -0.2
E58A	La Victoria	70.25	36	P	P	P	P	04 30 34.8 -0.2

N48A	Decatur	70.26	47	P	P	P	P	04 30 35.2 0.0
U40A	Yellville	70.30	55	P	P	P	P	04 30 35.5 +0.1
P46A	Rosedale	70.31	49	P	P	P	P	04 30 35.6 0.0
ALFO	Alfred	70.32	38	P	P	P	P	04 30 34.2 -1.2
G57A	Newington	70.73	38	P	P	P	P	04 30 37.2 -0.7
W39A	Magazine	70.76	57	P	P	P	P	04 30 38.8 +0.3
E60A	St. Gathe de	70.89	35	P	P	P	P	04 30 38.9 0.0
S44A	Carbondale	70.94	52	P	P	P	P	04 30 39.6 +0.3
FCAR	Ozark Park Cen	71.02	55	I	Amb	I	Amb	04 30 40.8
PSI	Prapat	71.20	248	P	P	P	P	04 30 41.7 +0.3
P48A	Rilroy	71.24	48	P	P	P	P	04 30 40.9 -0.2
RPSI	Rantau Prapat	71.29	248	P	P	P	P	04 30 41.7 0.0
N51A	Ashland	71.35	45	P	P	P	P	04 30 42.1 +0.3
MIAR	Mount Ida	71.38	57	P	P	P	P	04 30 42.9 +0.8
MIAR	Mount Ida	71.38	57	I	Amb	I	Amb	04 30 43.7
JCT	Junction City	71.40	64	P	P	P	P	04 30 43.1 +0.8
WHAR	Woolly Hollow	71.42	55	I	Amb	I	Amb	04 30 43.6
WHTX	Lake Whitney,	71.44	61	P	P	P	P	04 30 43.3 +0.8
O50A	Cable	71.46	47	P	P	P	P	04 30 42.5 +0.1
P49A	Miami Univ. Ec	71.49	48	P	P	P	P	04 30 42.9 +0.2
W41B	Gat Mavity, V	71.53	55	P	P	P	P	04 30 43.5 +0.5
W41B	Gat Mavity, V	71.53	55	I	Amb	I	Amb	04 30 44.4
Q48A	North Vernon	71.54	49	P	P	P	P	04 30 43.2 +0.3
K55A	Perry	71.58	41	P	P	P	P	04 30 43.1 -0.1
H58A	Gabriels	71.61	38	P	P	P	P	04 30 43.2 -0.1
M53A	WI Miller and	71.62	44	P	P	P	P	04 30 43.6 +0.2
KOLS	Kolonick sedl	71.64	332	eP	P	P	P	04 30 43.5 +0.1
KOLS	Kolonick sedl	71.64	332	eP	P	P	P	04 30 43.5 +0.1
ACSO	Alum Creek Sta	71.66	46	P	P	P	P	04 30 43.9 +0.2
CLL	Collin	71.69	339	iP	P	P	P	04 30 43.4 -0.3
CLL	Collin	71.69	339	iP	P	P	P	04 30 43.4 -0.3
X40A	Basin Creek Fa	71.80	56	P	P	P	P	04 30 45.1 +0.5
WCI	Wyandotte Cave	71.86	50	P	P	P	P	04 30 45.6 +0.8
O51A	Pataskala	71.89	46	P	P	P	P	04 30 45.3 +0.3
K56A	Middlesex	71.90	41	P	P	P	P	04 30 45.1 0.0
BURAR	Bucovina Array	71.99	330	iP	P	P	P	04 30 45.1 -0.5
BURAR	Bucovina Array	71.99	330	iP	P	P	P	04 30 45.1 -0.5
BURAR	Bucovina Array	71.99	330	iP	P	P	P	04 30 45.1 -0.5
LANS	Liptovska Anna	72.19	334	eP	P	P	P	04 30 48.0 +1.3
LANS	Liptovska Anna	72.19	334	eP	P	P	P	04 30 48.0 +1.3
O52A	Adamsville	72.25	45	P	P	P	P	04 30 47.2 +0.1
P51A	Williamsport	72.25	47	P	P	P	P	04 30 47.2 0.0
TRPA	Tarpa	72.30	332	iP	P	P	P	04 30 47.7 +0.4
N54A	Moraine State	72.30	44	P	P	P	P	04 30 47.5 0.0
M55A	Ridgway	72.37	43	P	P	P	P	04 30 48.1 +0.2
T47A	Sharon Grove	72.50	51	P	P	P	P	04 30 49.7 +0.9
S49A	Springfield	72.67	49	P	P	P	P	04 30 50.4 +0.6
R50A	Paris	72.69	48	I	Amb	I	Amb	04 30 50.3 +0.5
R50A	Paris	72.69	48	I	Amb	I	Amb	04 30 51.3
N55A	Moran Center	72.86	43	P	P	P	P	04 30 50.8 0.0
WVT	Waverly	72.87	52	P	P	P	P	04 30 51.6 +0.7
WVT	Waverly	72.87	52	P	P	P	P	04 30 51.4 +0.5
WVT	Waverly	72.87	52	P	P	P	P	04 30 51.4 +0.5
WVT	Waverly	72.87	52	I	Amb	I	Amb	04 30 52.6
VYHS	Vyhne	72.96	334	eP	P	P	P	04 30 51.8 +0.6
VYHS	Vyhne	72.96	334	eP	P	P	P	04 30 51.8 +0.6
N56A	West Decatur	73.03	43	P	P	P	P	04 30 52.3 +0.5
T49A	Edmonton	73.12	50	P	P	P	P	04 30 52.9 +0.5
M57A	Sunshine Farm,	73.13	42	P	P	P	P	04 30 53.3 -0.1
S50A	Richmond	73.16	49	P	P	P	P	04 30 53.1 +0.5
O55A	Ligonier	73.22	44	P	P	P	P	04 30 53.2 +0.2
P54A	Burton	73.24	45	P	P	P	P	04 30 53.3 +0.2
CFR	Carcaliu	73.26	327	iP	P	P	P	04 30 52.6 -0.4
CFR	Carcaliu	73.26	327	iP	P	P	P	04 30 52.6 -0.4
R52A	Cattletsburg	73.38	47	P	P	P	P	04 30 54.4 +0.5
Q53A	Leroy	73.43	46	P	P	P	P	04 30 54.5 +0.3
MODS	Modra-Piesok	73.46	335	eP	P	P	P	04 30 54.5 +0.3
MODS	Modra-Piesok	73.46	335	eP	P	P	P	04 30 54.5 +0.3
N57A	Milroy	73.46	42	P	P	P	P	04 30 54.3 0.0
DRGR	Blue Knob Stat	73.47	331	iP	P	P	P	04 30 54.5 +0.2
DRGR	Blue Knob Stat	73.47	331	iP	P	P	P	04 30 54.5 +0.2
O56A	Red Boiling Sp	73.47	43	P	P	P	P	04 30 54.8 +0.4
U49A	Nancy	73.50	50	P	P	P	P	04 30 55.2 +0.6
T50A	Nancy	73.51	49	P	P	P	P	04 30 55.4 +0.8
S51A	Beattyville	73.55	48	P	P	P	P	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUUR Kurly, KTBS Karatobe, TNS5 Tian-Shan, etc.

ISCJB 23 06:52:07.0±0.5, 2.07N:0.04±0.06, 100E:0.05, h10km, mb4.1/8, MS3.5/1, Error ellipse: s-maj=7.4km s-min=5.9km

IDC 23 06:52:07.8±1.6, 2.11N:96.08E, h0km, mb4.1/8, mb1.4/1.9, mb1mx3.7/5.3, mbtmp4.0/9, ML3.0/1, MS3.4/2, Ms1 3.5/2, ms1mx2.7/4.5, Error ellipse: s-maj=53.6km s-min=18.9km

DJA 23 06:52:09.5±0.6, 2.1N:3.9±9.6E, h11km, mb3km, M4.2/10, mb4.6/4, mB4.8/1, MLV4.0/10, MV(mB)4.0/1

NEIC 23 06:52:13.7±0.5, 2.19N:0.08±96.20E:0.05, h40km, 11km, mb4.2/8

ISC 23 06:52:09.1±0.8, 2.13N:0.06±96.08E:0.07, h10km, n37, g050/33, mb4.2/12, Northern Sumatras

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SNSI Sinabang, TPTI TPTI, MSLI Meulaboh, etc.

IDC 23 06:57:35.1±1.3, 53.43N-87.25E, h0km, mb1.2/8/2, mb1mx2.8/4.5, mbtmp2.2/2, ML2.3/2, Error ellipse: s-maj=29.8km s-min=16.4km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station I46RU ZALESOVO INFRA.

Table with columns: ZALV, KURBB, MKAR, etc. Includes stations like Zalesovo Beam, Kurchatov Arra, Makanchi Arra.

IDC 23 07:02:41.2±2.5, 29.23N:142.57E, h0km, mb3.5/3, mb1.3/8.4, mb1mx3.5/3.8, mbtmp3.6/4, ML2.9/1, MS3.0/1, Ms1 3.0/1, ms1mx2.4/3.6, Error ellipse: s-maj=207.8km s-min=24.5km az=73.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, SOMMI Songoing Array, ZALV Zalesovo Beam, etc.

NNC 23 07:13:47.4±0.5, 50.05N:78.80E, h0km, mb3.7, mpv3.2, 16C-11D, Error ellipse: s-maj=10.0km s-min=5.2km az=71.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUR07 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

ISCJB 23 07:14:05.9±0.9, 6.33S:0.2±149.3E:0.3, h49km, mb3.8/3, MS3.2/1, Error ellipse: s-maj=47.9km s-min=9.5km az=40.2

IDC 23 07:14:07.6±2.6, 6.44S:149.48E, h54km, 32km, mb3.6/3, mb1.4/2.6, mb1mx3.6/3.4, mbtmp4.1/6, ML4.4/2, MS3.1/1, Ms1 3.1/1, ms1mx2.5/2.8, Error ellipse: s-maj=94.5km s-min=14.9km az=153.0

ISC 23 07:14:07.4±1.0, 6.33S:0.3±149.3E:0.3, h49km, n8, c0646/8, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WARR Warramunga Arr, etc.

IDC 23 07:38:18.9±4.0, 62.73N:149.32W, h43km, 35km, mb3.6/7, mb1.3/8.10, mb1mx3.5/3.9, mbtmp3.8/10, ML3.7/4, MS2.8/1, Ms1 2.8/1, ms1mx2.3/3.5, Error ellipse: s-maj=40.2km s-min=21.5km az=45.0

ISCJB 23 07:38:20.7±0.2, 62.87N:0.02±148.80W:0.06, h76km, 3km, mb3.8/7, Error ellipse: s-maj=4.2km s-min=2.9km az=2.6

NEIC 23 07:38:21.9±1.5, 62.87N:0.03±148.84W:0.07, h62km, 10km

AEIC 23 07:38:21.1±1.2, 62.85N:0.03±148.81W:0.08, h67km, 7km, ML4.0

ISC 23 07:38:21.4±0.6, 62.87N:0.03±148.82W:0.04, h65km, 8km, n60, c098/82, mb4.0/7, Central Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RHD Reindeer, RNY Denali Highway, etc.

Table with columns: PAX, PPLA, SKT, etc. Includes stations like Paxson, Purkeypyle, Skwentna, etc.

IDC 23 07:41:48.0±1.5, 53.87N:162.94E, h0km, mb3.6/3, mb1.3/9.4, mb1mx3.4/3.9, mbtmp3.6/4, ML3.1/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/4.2, Error ellipse: s-maj=68.4km s-min=24.7km az=158.0

KRSC 23 07:41:53.2±0.6, 55.07N:161.48E, h82km, 10km, ML4.2

ISCJB 23 07:41:54.3±0.3, 55.07N:161.48E:0.06, h82km, 5km, mb3.3/3, Error ellipse: s-maj=5.6km s-min=2.6km az=20.8

MOS 23 07:41:54.0±0.4, 55.08N:161.48E, h78km, mb3.8/1, Error ellipse: s-maj=10.7km s-min=4.5km az=80.2

ISC 23 07:41:55.0±0.9, 55.08N:0.02±161.47E:0.03, h71km, 7km, n85, c093/156, mb3.6/3, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mys Kozlova, Mys Kozlova, TUMD Tumrok, etc.

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

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

BUI 23 08:23.27:6.0, 0.22:725x176:42W, h160km, mb5.5/65, mB5.7/56

ISCBJ 23 08:23.28:0.6, 0.23:095:0.03:177:11W:0.02, h159km, 6km, mb5.7/135, Error ellipse: s-maj=4.8km

IC 23 08:23.29:0.1, 0.22:935:177:10W, h144km, 8km, mb5.3/32, mB1.4/6.17, ms1mx4.5/37, Error ellipse: s-maj=10.6km

NEIC 23 08:23.30:4.1, 0.23:018:177:11W:0.1, h160km, 1km, mb5.5/269, Mw6.0, Mw6.0(G/CMGT), Moment Tensor Solution...

MOS 23 08:23.30:5.1, 0.22:945:177:19W, h166km, mb5.5/25, MS4.9/7, Error ellipse: s-maj=8.5km s-min=7.4km

GCMT 23 08:23.33:4.0, 1.23:085:0:0:176:74W, h169km, MW6.0/142, Moment Tensor Solution, s130:c299;

ISC 23 08:23.29:5.0, 0.23:275:0:0:4:177:04W:0.04, h158km, 2km, h158km-P-P, N1433, e172/1356, mb5.5/275, 77C-55D, South of Fiji Islands

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

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

WEL 23 07:45:01.8:0.4, 44'S, 169'E, h5km, M3.5/15, ML3.7/13, M3.9/5.15, Error ellipse: s-maj=0.0km s-min=0.0km Az=128.2, South Island

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

KARZ 23 07:45:01.8:0.4, 44'S, 169'E, h5km, M3.5/15, ML3.7/13, M3.9/5.15, Error ellipse: s-maj=0.0km s-min=0.0km Az=128.2, South Island

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

WEL 23 07:45:01.8:0.4, 44'S, 169'E, h5km, M3.5/15, ML3.7/13, M3.9/5.15, Error ellipse: s-maj=0.0km s-min=0.0km Az=128.2, South Island

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

IC 23 08:06:13.9:1.3, 12:26N:120:68E, h0km, mb3.8/4, mb1.4/1.4, mb1mx3.5/45, mbtmp3.9/4, Error ellipse: s-maj=31.8km s-min=21.9km Az=64.0

ISCBJ 23 08:06:23.3:0.8, 13:2N:0:1:121:1E:0.1, h150km, mb3.8/4, Error ellipse: s-maj=20.6km s-min=14.4km Az=172.3

MAN 23 08:06:25.1, 13:35N:120:90E, h135km, MS3.2, ISC 23 08:06:24.4:1.0, 13:3N:0:1:121:0E:0.2, h150km, n7, e157/8, mb3.7/4, 1C-1D, Mindoro

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

IC 23 08:06:13.9:1.3, 12:26N:120:68E, h0km, mb3.8/4, mb1.4/1.4, mb1mx3.5/45, mbtmp3.9/4, Error ellipse: s-maj=31.8km s-min=21.9km Az=64.0

ISCBJ 23 08:06:23.3:0.8, 13:2N:0:1:121:1E:0.1, h150km, mb3.8/4, Error ellipse: s-maj=20.6km s-min=14.4km Az=172.3

MAN 23 08:06:25.1, 13:35N:120:90E, h135km, MS3.2, ISC 23 08:06:24.4:1.0, 13:3N:0:1:121:0E:0.2, h150km, n7, e157/8, mb3.7/4, 1C-1D, Mindoro

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA College, MDM Murphy Dome, and many others.

2013 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRQA Torquist, HKT Hockley, and many others.

23d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SJCC San Jacinto, SMLC San Martin, and many others.

23d 8h

Table with columns for station name, frequency, power, and status. Includes stations like SUMG Summit, HSPB Hørnsund, SVE Sverdlövsk, etc.

2013 OCT

Table with columns for station name, frequency, power, and status. Includes stations like BDM Batumi, BATM Badenkaya, IZAR Zarasai, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like CUSAR Sarkisla-SIVAS, KMRS Kahramanmaraş, RGN Rugen, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes stations like TRPA Tarpa, TEVE Televakti-Mers, GULN, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes stations like VRAC Vranov, VRAC Vranov, VRAC Vranov, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes stations like SOKA, SOKA, SOKA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Sonseca Array, Mesjejana, San Pablo, etc.

DDA 23 08:41:18.8, 39:17N:29:44E, h7km, 4km, ML2.4
ISCJB 23 08:41:19.3, 39:17N:29:43E, h0km, h0km, Error
ellipse: s-maj=3.7km s-min=3.1km az=165.0

ISC 23 08:41:19.4, 39:16N:29:42E, h5km, ML 1.9/8, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Tavsani, Uludag, Gediz, Bursa, etc.

ISK 23 08:58:54.2, 37:14N:37:09E, h5km, ML 1.9/5
DDA 23 08:58:55.8, 37:13N:37:21E, h7km, 1km, ML2.6
ISC 23 08:58:54.8, 1.5, 37:12N:08:37:14E, h6km, 7km, n12, r0583/19, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Gaziantep, Nari-Kahraman, Osmaniy, etc.

ASRS 23 09:04:45.0, 53:60N:87:84E, M2.7, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS FAS, 2249 + CD-ROM, 2014)

IDC 23 09:04:49.8, 2.4, 53:56N:87:81E, h0km, mb1 3.5/3, mb1mx3.2/48, mb1mp3.5/3, ML3.3/3, Error ellipse: s-maj=21.0km s-min=13.0km az=59.0

NNC 23 09:04:50.4, 2.4, 53:48N:87:63E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=20.2km s-min=9.5km az=65.0, Suspected Mining explosion.

ISC 23 09:04:50.3, 4.5, 53:63N:01:87.6E, h0km, n9, r15/15, 5C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Zalesovo Infra, Zalesovo Array, ZAAO, etc.

baz=81, slow=19, SNR=1.5
ISCJB 23 09:04:54.2, 0.3, 43:01N:0:02:1.59W, 0:02, h11km, 2km, Error ellipse: s-maj=3.0km s-min=2.0km az=139.6

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Zunzarren, EARA, EORO, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Montolieu, MTLF, UCM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like EMUR La Murta, MTE Manteigas, QUIF Quistuin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes NEIC 23 09:19:59.6,2.4,5.26N,0.08,95.55E,0.08, h41km,5km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes MLSI Meulaboh, Aceh, LHMI Lhok Sumawe, etc.

ISC 23 09:25:05.7,2.7,2.04N,96.10E, h0km, mb3.8/4, mb1 3.7/5, mb1mx3.5/9, mbmp3.7/5, ML2.7/1, Error ellipse: s-maj=70.2km s-min=29.0km az=45.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes JCT Junction City, etc.

23D 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Sao Paulo, Paso Flores, Brasilia, Pitinga, etc.

IDC 23 09:59:07.4:20.0, 23:58S:179.97W, h248km, 197km, mb3.5/5, mb1 3.8/5, mb1mx3.4/35, mbtmp4.1/5, Error ellipse: s-maj=131.7km s-min=47.9km az=174.0, South of Fiji Islands

ISCJCB 23 10:02:23.5:0.5, 7.9N:0.07:127.38E:0.07, h100km, mb3.9/12, Error ellipse: s-maj=11.8km s-min=6.6km az=136.3

IDC 23 10:02:28.0:1.2, 5.68N:127.16E, h129km, 11km, mb3.6/12, mb1 3.7/14, mb1mx3.6/40, mbtmp4.0/14, Error ellipse: s-maj=24.3km s-min=8.8km az=65.0

ISC 23 10:02:26.0:0.7, 5.4N:0.08:127.31E:0.10, h100km, n17, z265/20, mb3.9/12, 1.0, Philippine Islands region

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

IDC 23 10:27:02.9:1.1, 52.63N:132.24W, h0km, mb3.9/8, mb1 3.8/15, mb1mx3.7/56, mbtmp3.7/15, ML3.3/7, Error ellipse: s-maj=20.6km s-min=11.4km az=61.0

ISCJCB 23 10:27:04.2:0.4, 52.96N:0.02:131.73W:0.03, h12km, 3km, mb3.9/8, Error ellipse: s-maj=4.3km s-min=2.2km az=42.2

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Plg0.0000", Azm24.0000"; ISC 23 10:27:06.1:0.6, 52.88N:0.02:131.97W:0.02, h12km, 4km, n123, z2817/152, mb4.1/8, Queen Charlotte Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including Mitchell Dam, Barry Inlet, Dawson Inlet, etc.

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

ATH 23 10:27:53.1, 37.12N:21.96E, h7km, 3km, ML1.6/3, Error ellipse: s-maj=3.4km s-min=1.1km az=340.0, Southern Greece

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

NAO 23 10:31:04.8:2.5, 77.76N:8.56E, h3km, 19km, ML3.7, BER 23 10:31:06.9:2.7, 77.78N:8.57E, h10km, ML3.1, ML3.7(NAO), Confirmed Earthquake

IEPN 23 10:31:09.0, 77.78N:8.99E, h15km, IDC 23 10:31:05.1:1.6, 77.60N:9.87E, h0km, mb3.5/1, mb1 3.9/3, mb1mx3.4/47, mbtmp3.7/3, ML3.4/2, Error ellipse: s-maj=20.1km s-min=12.5km az=96.0

ISC 23 10:31:03.2:2.3, 77.75N:0.07:8.25E:0.06, h10km, 18km, n40, z2943/56, 3C-5D, Svalbard region

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

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

SPAO Spitsbergen Arr 1.76 72 Pg Pb 10 31 36.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, KEV Kevo, KTK1 Kautokeino, etc.

IS/CJB 23 10:33:43.4, 0.15, 4S, 0.2, 178.0W, 0.2, h400km, Error ellipse: s-maj=29.0km s-min=17.4km az=145.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, STKA Stephens Creek, etc.

KRNET 23 10:37:11.9, 3.4, 40.91N, 70.05E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=23.3km s-min=12.0km az=30.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BTK Batken, IUG luzhnyay, ARK Arkit, etc.

DJA 23 10:42:16.4, 0.4, 8.5S, 107.0E, h54km, 9km, M3.9/12, mb4.2/2, MLV3.8/12, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKJI Sukabumi, CISI Cisompet, Garu, etc.

MNAI Manna 4.89 312 P Pn 10 43 27.3 -0.2
PWJI Pagerwojo 5.18 94 P Pn 10 43 31.6 +0.2
MASI Maura Aman, Be 6.25 316 P Pn 10 43 45.0 -1.2

KRNET 23 10:53:29.9, 0.1, 39.89N, 79.47E, mb2.9
SOME 23 10:53:32.8, 40.82N, 79.85E, h15km
NMC 23 10:53:34.9, 0.9, 40.95N, 79.81E, h0km, mb3.7, mpv3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TARG Taragay, PRZ Przewalsk, SHLS Shalkode, etc.

IDC 23 11:03:07.7, 1.1, 18.74S, 177.41W, h0km, mb3.5/7, mb3.9/7, mb1mx3.8/4.1, mbtmp3.6/7, Error ellipse: s-maj=54.1km s-min=25.2km az=142.0, Fiji Islands region

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

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

ISK 23 11:11:51.1, 37.07N, 39.16E, h4km, ML2.4/7
DDA 23 11:11:52.5, 37.17N, 39.21E, h16km, 2km, ML2.9
ISC 23 11:11:53.0, 1.1, 37.15N, 0.03, 39.20E, 0.03, h18km, 4km, n21, c122/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations URFA Urfa, SANLIURFA_SURC, ATAB Bozova, etc.

IDC 23 11:14:10.4, 1.9, 7.95S, 106.48E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/4.1, mbtmp3.7/5, Error ellipse: s-maj=43.2km s-min=25.1km az=66.0

NEIC 23 11:14:19.9, 1.4, 7.81S, 0.05, 107.12E, 0.06, h66km, 7km, mb4.1/10
ISCJB 23 11:14:20.1, 0.5, 7.90S, 0.05, 107.25E, 0.04, h62km, 7km, Error ellipse: s-maj=7.9km s-min=5.9km az=81.1

DJA 23 11:14:20.0, 0.5, 8.5S, 107.0E, h54km, 9km, M4.3/16, mb4.3/2, MLV4.3/16
ISC 23 11:14:20.0, 0.9, 7.86S, 0.06, 107.22E, 0.04, h62km, 9km, n48, c188/45, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations CISI Cisompet, Garu, SKJI Sukabumi, etc.

Table with columns: STKA, comp=Z, 2.1nm, 1.3s, IAMB, IAMB, 11 22 01.9, MKAR Makanchi Array, 58.77 340 P P, 11 24 08.9 -2.7, etc.

ISCJJB 23 11:17:05.6:0.4, 39.86N:0.02:19.96E:0.04, h14km, 3km, Error ellipse: s-maj=4.9km s-min=3.7km az=173.7, ATH 23 11:17:05.5, 39.83N:20.01E, h14km, 1km, ML2.5/6, Error ellipse: s-maj=2.0km s-min=0.9km az=325.0, THE 23 11:17:05.6, 39.83N:20.05E, h1km, 2km, ML2.4/7, Error ellipse: s-maj=2.9km s-min=0.9km az=280.0, ISC 23 11:17:05.6:0.8, 39.83N:0.02:20.01E:0.03, h12km, 5km, n34, c101/50, Greece-Albania border region

Main table listing station names (SRN Sarande, KASA Kassiopi, etc.), coordinates, and various parameters like Op, P, Pg, S, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, AAK Ala-Archa, 8.26 12 Pn, 11 37 27.9 +3.0, etc.

Table listing station names (AB31 5.6nm, 0.4s, 17.28 332 P P, etc.), coordinates, and various parameters like Op, P, Pg, S, etc.

ISCJJB 23 11:37:15.5:0.4, 15.64S:0.03:167.57E:0.07, h124km, mb4.1/16, Error ellipse: s-maj=9.8km s-min=4.7km az=170.5, NEIC 23 11:37:16.8:2.3, 15.64S:0.08:167.6E:0.1, h127km, 6km, mb4.5/18, IDC 23 11:37:16.8:2.1, 15.65S:167.64E, h118km, 17km, mb3.9/17, mb1.4/1/19, mb1mx4.0/34, mbtmp4.4/19, MS3.2/2, Ms1.3/2.2, ms1mx2.7/29, Error ellipse: s-maj=17.8km s-min=12.6km az=78.0, ISC 23 11:37:16.7:0.5, 15.82S:0.05:167.66E:0.08, h124km, n65, 15.82S:0.16/77, mb4.2/21, Vanuatu Islands

Main table listing station names (MARNC Mare, Loyalty, 5.84 177 Pn, etc.), coordinates, and various parameters like Op, P, Pg, S, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, USRK Ussuriysk Arr, 67.85 333 P P, 11 48 03.1 +1.6, etc.

Table listing station names (BRTR Keskin Arr, 133.37 310 PKPdf, etc.), coordinates, and various parameters like Op, P, Pg, S, etc.

SJA 23 11:41:49.6:1.1, 20.42S:69.27W, h116km, 8km, ML3.5, MW3.5, ISCJJB 23 11:41:50.5:0.9, 20.41S:0.02:69.25W:0.08, h112km, 7km, Error ellipse: s-maj=12.5km s-min=3.9km az=177.0, GUC 23 11:41:50.1:0.7, 20.40S:69.16W, h99km, 3km, ML3.8, ISC 23 11:41:50.8:1.5, 20.41S:69.03:69.21W:0.08, h107km, 9km, n28, c091/51, 7C-5D, Northern Chile

Main table listing station names (PB08 IPOC Station P, 0.27 11 eP, etc.), coordinates, and various parameters like Op, P, Pg, S, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, SIJI Sorong, 6.50 15 P, 11 02 06.8 +1.4, etc.

NIC 23 12:24:21.6:0.0, 36.20N:34.25E, h22km, 44km, M4.5/6, IDC 23 12:24:22.6:0.6, 36.40N:34.35E, h0km, mb4.1/18, mb1.4/2.2, mb1mx1.1/40, mbtmp3.8/6, Error ellipse: s-maj=26.9km s-min=19.2km az=113.0, ISC 23 12:24:30.2:0.9, 7.18S:0.06:129.5E:0.1, h139km, n6, c271/11, Banda Sea

ellipse: s-maj=5.5km s-min=3.9km az=96.6
 MED_RC 23:12:24.0.0.6.36:23N-34.43E,h10km,2km,MW4.5/15,
 Moment Tensor Solution, Mantle waves: s1,c2z;
 Duration: 1s0 Moment tensor: Scale: 10¹⁵Nm;
 Mw:0.42±.85; Ms:2.87±.51; Mb:1.15±.57; Mw:2.07±.16;
 Mw:3.63±.44; Mw:2.34±.17; Best double couple:
 Ms:9.7000×10¹⁵ NP1:0.262 00000, s56.00000,
 1.134.00000. NP2:0.220000, s54.00000, 1.45.00000.
 Principal axes: T 6.2000, P1g55.0000, Azm20.0000; N
 -0.4500, P1g35.0000, Azm53.0000; P -5.7400,
 P1g1.0000, Azm322.0000; nsta1 refers to body waves.
 nsta2 refers to surface waves to cut-offs.

NSSC 23:12:24.29.0.4.34:11N-35.32E,h33km,9km,ML3.6
 ISC 23:12:24.23.9.0.9.36:29N.02.34.36E.0.02,h9km,6km,
 n463,r197/491,m4.5.15,17C-12,Turkey

Code	Station Name	△ Az°	Phase ID	ISC	Time	Res
				h m s	h m s	ISC
KIZK	Mersin	0.26 318	Op	ISC	12 24 29.0	+0.4
KIZK	Mersin	0.26 318	Op	ISC	12 24 32.5	+0.4
SLFK	Silifke-Mersin	0.35 287	PG	Pg	12 24 28.0	+0.1
SLFK	Silifke-Mersin	0.35 287	PG	Pg	12 24 30.0	-1.4
SLFK	Silifke-Mersin	0.35 287	PG	Pg	12 24 30.5	+0.2
SILI	Silifke-Mersin	0.36 283	PG	Pg	12 24 30.5	+0.1
SILI	Silifke-Mersin	0.36 283	PG	Pg	12 24 30.6	+0.1
KARG	Kargicak-Mersin	0.53 261	PG	Pg	12 24 33.9	+0.2
KARG	Kargicak-Mersin	0.53 261	PG	Pg	12 24 42.2	-0.5
KARG	Kargicak-Mersin	0.53 261	PG	Pg	12 24 33.9	+0.2
KEBE	Keben-Mersin	0.55 287	PG	Pg	12 24 33.9	+0.2
KEBE	Keben-Mersin	0.55 287	PG	Pg	12 24 42.5	-0.6
KEBE	Keben-Mersin	0.55 287	PG	Pg	12 24 34.0	0.0
IKL	Isikli	0.55 265	PG	Pg	12 24 34.0	+0.1
IKL	Isikli	0.55 265	PG	Pg	12 24 42.5	-0.6
IKL	Isikli	0.55 265	PG	Pg	12 24 34.2	+0.2
TISA	Tisan-Mersin	0.56 257	PG	Pg	12 24 34.2	+0.1
TISA	Tisan-Mersin	0.56 257	PG	Pg	12 24 34.0	+0.1
YESI	Yesilovacik-Me	0.59 261	PG	Pg	12 24 34.4	-0.3
YESI	Yesilovacik-Me	0.59 261	PG	Pg	12 24 34.2	-0.5
MERS	Mersin	0.59 13	SG	Sb	12 24 44.5	0.0
MERS	Mersin	0.59 13	SG	Sb	12 24 35.7	-0.2
TEPE	Tepeyok-Mersin	0.67 259	PG	Pg	12 24 36.3	+0.1
AKKU	Akkuyu-Mersin	0.67 259	PG	Pg	12 24 36.3	+0.1
GULN	MERSIN_Gulnar	0.67 261	Op	ISC	12 24 36.1	-0.1
GULN	MERSIN_Gulnar	0.67 261	Op	ISC	12 24 45.6	-0.9
AKK2	Akkuyu-Mersin	0.67 257	PG	Pg	12 24 36.5	+0.2
AKK1	Akkuyu-Mersin	0.67 258	PG	Pg	12 24 36.7	+0.3
OREN	Orenkoy-Mersin	0.73 264	PG	Pg	12 24 36.6	-0.9
TEVE	Tevektali-Mers	0.76 282	PG	Pg	12 24 37.8	-0.1
DED	Mersin	0.76 282	Op	ISC	12 24 37.8	-0.8
DED	Mersin	0.76 282	Op	ISC	12 24 47.8	-0.1
EREN	Erenkoy	0.77 192	Op	Pb	12 24 39.4	+0.5
EREN	Erenkoy	0.77 192	Op	Pb	12 24 39.4	+1.2
EREN	Erenkoy	0.77 192	Op	Pb	12 24 39.4	+0.5
YORU	Yoruktepe-Mers	0.78 260	PG	Pg	12 24 38.6	+0.2
KRTS	Karatas	0.87 71	PG	Pn	12 24 42.0	+0.3
KRTD	Karatas-Adana	0.90 70	PG	Pn	12 24 42.5	+0.3
BERE	Bereket-Mersin	0.92 274	PG	Pg	12 24 40.5	-0.5
TEKE	Tekeli-Mersin	1.02 282	PG	Pg	12 24 31.0	-0.8
KERG	Konya-Eregli	1.14 351	PG	Pg	12 24 43.7	-1.6
YURE	YUREGIR	1.16 62	Op	Pn	12 24 45.8	+0.1
YURE	YUREGIR	1.16 62	Op	Pn	12 25 04.1	+2.4
YURE	YUREGIR	1.16 62	Op	Pn	12 24 45.8	+0.1
PARAL	Paralim	1.32 192	Op	Sb	12 25 04.3	-1.9
PARAL	Paralim	1.32 192	Op	Sb	12 25 04.3	-0.9
PARAL	Paralim	1.32 192	Op	Sb	12 25 14.1	
ATHAL	Athalassa	1.39 215	Op	Pn	12 24 46.7	-2.2
ATHAL	Athalassa	1.39 215	Op	Pn	12 25 05.8	-1.4
ATHAL	Athalassa	1.39 215	Op	Pn	12 25 34.6	
ATHAL	Athalassa	1.39 215	Op	Pn	12 25 34.6	
ATHAL	Athalassa	1.39 215	Op	Pn	12 25 39.3	
ATHAL	Athalassa	1.39 215	Op	Pn	12 25 39.3	
MVOU	Mavrovouni	1.40 205	Op	Pn	12 24 46.7	-2.4
MVOU	Mavrovouni	1.40 205	Op	Pn	12 25 06.5	-1.2
MVOU	Mavrovouni	1.40 205	Op	Pn	12 25 21.3	
MVOU	Mavrovouni	1.40 205	Op	Pn	12 25 21.3	
MVOU	Mavrovouni	1.40 205	Op	Pn	12 25 22.7	
MVOU	Mavrovouni	1.40 205	Op	Pn	12 25 22.7	
YAYL	Yayladag	1.44 100	Op	Pb	12 24 50.5	+0.2
YAYL	Yayladag	1.44 100	Op	Pb	12 25 12.0	+2.5
AKO	Adana	1.46 36	Op	Pn	12 24 49.3	-0.6
AKO	Adana	1.46 36	Op	Pn	12 24 49.3	-0.6
AKDN	Akdeniz-Kibri	1.50 229	Op	Pn	12 24 51.0	-0.4
CSS	Mathiatis	1.52 213	Op	Pn	12 24 48.9	-2.4
CSS	Mathiatis	1.52 213	Op	Pn	12 24 49.1	-2.2
CSS	Mathiatis	1.52 213	Op	Pn	12 25 11.6	-0.2
CSS	Mathiatis	1.52 213	Op	Pn	12 25 22.9	-0.1
CSS	Mathiatis	1.52 213	Op	Pn	12 24 49.8	-1.5
CSS	Mathiatis	1.52 213	Op	Pn	12 24 50.6	-0.8
GAZI	Gazipasa	1.65 269	Op	Pn	12 24 53.0	+0.5
GAZI	Gazipasa	1.65 269	Op	Pn	12 25 15.6	-0.9
GAZI	Gazipasa	1.65 269	Op	Pn	12 24 53.0	+0.4
LEFA	Lefka	1.67 226	Op	Pn	12 24 52.9	+0.1
LEFA	Lefka	1.67 226	Op	Pn	12 25 14.5	+0.2
ASGA	Asgata	1.75 212	Op	Pn	12 24 53.4	-0.4
ASGA	Asgata	1.75 212	Op	Pn	12 25 17.2	-0.5
ASGA	Asgata	1.75 212	Op	Pn	12 25 29.9	
ASGA	Asgata	1.75 212	Op	Pn	12 25 29.9	
ASGA	Asgata	1.75 212	Op	Pn	12 25 31.4	
ASGA	Asgata	1.75 212	Op	Pn	12 25 31.4	
ALFC	Alefka	1.82 232	Op	Pn	12 24 53.5	-1.4
ALFC	Alefka	1.82 232	Op	Pn	12 25 19.7	-0.1
ALFC	Alefka	1.82 232	Op	Pn	12 25 25.4	
ALFC	Alefka	1.82 232	Op	Pn	12 25 25.4	
ALFC	Alefka	1.82 232	Op	Pn	12 25 25.4	
ALFC	Alefka	1.82 232	Op	Pn	12 25 33.2	
ALFC	Alefka	1.82 232	Op	Pn	12 25 33.2	
NIG	Nigde	1.83 6	Op	Pn	12 24 56.2	-0.9
SZAC	Souni	1.95 219	Op	Pn	12 24 57.4	+0.8
SZAC	Souni	1.95 219	Op	Pn	12 25 25.2	+1.2
YAHY	KAYSERI_Yahyal	1.97 24	Op	Pn	12 24 58.0	+1.0
YAHY	KAYSERI_Yahyal	1.97 24	Op	Pn	12 25 25.9	-0.8
ANDR	Andir	2.05 50	Op	Pn	12 24 59.2	+1.2
KAMA	Osmaniye	2.06 64	Op	Pn	12 24 58.3	+0.1
KAMA	Osmaniye	2.06 64	Op	Pn	12 25 25.2	+1.2
AKMS	Akamias	2.08 233	Op	Pn	12 25 28.2	-0.2
AKMS	Akamias	2.08 233	Op	Pn	12 25 28.4	+1.2
AKMS	Akamias	2.08 233	Op	Pn	12 25 37.5	
AKMS	Akamias	2.08 233	Op	Pn	12 25 37.5	
AKMS	Akamias	2.08 233	Op	Pn	12 25 41.5	
AKMS	Akamias	2.08 233	Op	Pn	12 25 41.5	
NATA	Nata	2.10 225	Op	Pb	12 25 00.2	-1.4
KMER	Konya-Merem	2.17 313	Op	Pb	12 25 02.9	-0.1
KMER	Konya-Merem	2.17 313	Op	Pb	12 25 33.0	-0.2
SAIM	ADANA	2.18 39	Op	Pb	12 25 01.5	-1.4
KUZU	Kuzuini	2.24 77	Op	Pg	12 25 13.9	+7.7
KUZU	Kuzuini	2.24 77	Op	Pg	12 25 29.9	+1.0

Code	Station Name	△ Az°	Phase ID	ISC	Time	Res
KUZU	Kuzu	2.24 77	Op	ISC	12 25 29.9	+1.0
HCB	Kahramanmara	2.30 62	Op	Pn	12 25 01.8	+0.3
HCB	Kahramanmara	2.30 62	Op	Pn	12 25 01.8	+0.3
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 04.8	-0.2
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 36.6	-0.7
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 04.8	-0.2
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 36.6	-0.7
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 04.8	-0.2
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 36.6	-0.7
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 04.8	-0.2
KONT	Konya-Tatoy	2.30 317	Op	Pb	12 25 36.6	-0.7
KMRS	Kahramanmara	2.37 58	Op	Pn	12 25 03.4	+1.0
KMRS	Kahramanmara	2.37 58	Op	Pn	12 25 03.4	+1.0
HWC	Hawa	2.39 147	Op	Pn	12 25 04.6	+1.6
AKSV	AKSARAY - Altı	2.41 349	Op	Pn	12 25 04.4	+0.8
GAZ	Gaziantep	2.45 68	Op	Pn	12 25 04.4	-0.2
GAZ	Gaziantep	2.45 68	Op	Pn	12 25 04.4	-0.2
LADK	Ladik-KONYA	2.48 321	Op	Pn	12 25 05.4	+1.3
AVNS	Neveshir-Avano	2.54 9	Op	Pb	12 25 07.9	-1.3
CHBY	Cihanbeyli	2.57 333	Op	Pn	12 25 06.4	+1.1
BEYL	Beirut	2.58 159	Op	Pn	12 25 06.6	+0.3
BHL	Bhannes	2.60 156	Op	Pn	12 25 06.0	+0.3
BHL	Bhannes	2.60 156	Op	Pn	12 25 06.0	+0.3
YAYL	Yaylak	2.68 351	Op	Pn	12 25 08.5	+1.7
DQRL	Deir Qamar	2.76 159	Op	Pn	12 25 08.0	+0.2
GZT	Gaziantep	2.78 67	Op	Pn	12 25 08.8	+0.6
DOGA	KONYA_Doganhis	2.81 311	Op	Pn	12 25 11.0	+2.4
DOGA	KONYA_Doganhis	2.81 311	Op	Pn	12 25 11.0	+2.4
BNN	Bunyan	2.82 24	Op	Pn	12 25 10.4	+1.7
KDHN	Kadinhani	2.86 322	Op	Pn	12 25 11.5	+2.3
KDHN	Kadinhani	2.86 322	Op	Pn	12 25 11.5	+2.3
KIRS	Kirehir-Merke	2.86 353	Op	Pn	12 25 11.4	+2.2
KIRS	Kirehir-Merke	2.86 353	Op	Pn	12 25 11.4	+2.2
QRWL	Qaraoun	2.94 158	Op	Pn	12 25 10.6	+0.3
KULL	Kullaba	2.95 339	Op	Pn	12 25 12.2	+1.7
ELBS	KAHRAMANMARAS.03	3.04 156	Op	Pn	12 25 12.0	+0.3
RCY	Rachaya	3.04 156	Op	Pn	12 25 14.6	+2.1
KKUL	Konya-Kulu	3.10 339	Op	Pn	12 25 13.6	+0.4
SHBL	Shebba	3.15 158	Op	Pn	12 25 15.2	+1.9
BRBR	Barbar	3.15 155	Op	Pn	12 25 48.0	-3.2
BRBR	Barbar	3.15 155	Op	Pn	12 25 56.1	

23d 12h

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like MORH, KOLS, SGRS, PSZ, etc.

2013 OCT

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like FINES, ARU, DMTO, etc.

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Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like ODAN, TAPN, SHL, etc.

ISCJB 23 12:25:08.5:0.6,36:31N,0:05:34.37E:0:06,h15km, mb4.0/7,MS3.2/2,Error ellipse: s-maj=8.1km s-min=6.2km az=38.9

IDC 23 12:25:08.4:1.2,36:36N,34:43E,h0km,mb4.1/7, mb1.4/1.8,mb1mx3.8/33,mbmp4.1/8,ML4.0/1,MS3.3/3, Ms1.3/3.3,ms1mx3.0/24,Error ellipse: s-maj=29.0km s-min=20.7km az=149.0

ISC 23 12:25:10.1:0.8,36:32N,0:06:34.31E:0:07,h15km,n12, e192713,mb4.0/7,Turkey

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KIZK, GULN, MERSIN, etc.

ISCJB 23 12:33:52.6:0.4,29:41N,0:02:34.98E:0:07,h22km,4km, Error ellipse: s-maj=10.1km s-min=2.8km az=174.0

23d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HIZ Hauiti, CKHZ Cape Kidnapper, TWVZ Taurewa, etc.

ISCJB 23 13:48:31.51.1.21.17S:0.05:68.55W:0.09, h133km, 14km, Error ellipse: s-maj=13.9km s-min=7.4km az=12.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, PB01, PB02, etc.

TEH 23 13:52:54.5, 33.96N:47.45E, h17km, ML3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKOM Komasi, KCHF Kermanshah, KER Kafar-mosalman, etc.

2015 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAO Ashtian, IRAZ Razeghan, BHD Baghdad, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFS San Fernando, RFA Sarsar, Conil, etc.

ELGU	Los Guajares,	4.98	69	P	Pn	13 58 39.3	-0.5
ELGU	comp=N,13nm,0.3s,SNR=7.9				S	13 59 33.6	-2.5
COI	Coimbra	5.07	9	eP	Pn	13 58 41.8	+0.9
COI	comp=N,206nm,0.2s,SNR=7.9				S	13 59 34.2	-3.9
COI	comp=N,401nm,0.3s				A	13 59 38.6	
GOLM	Coimbra	5.07	9	P	Pn	13 58 41.3	+0.4
GOLM	Goulmima	5.10	132	P	Pn	13 58 43.8	+2.2
GOLM	comp=N,46nm,0.5s,SNR=81				S	13 59 35.7	-3.4
EQUE	Quentar	5.23	66	↑P	Pn	13 58 43.9	+0.7
EQUE	comp=N,145nm,0.3s,SNR=344				S	13 59 39.9	-2.4
EALB	Alboran	5.25	80	P	Pn	13 58 42.4	-1.0
EALB	comp=N,50nm,0.3s,SNR=36				S	13 59 38.3	-4.3
MELI	Mellilla	5.30	87	P	Pn	13 58 44.1	0.0
MELI	comp=N,127nm,0.2s,SNR=7.9				S	13 59 39.7	-4.2
MELI	comp=N,225nm,0.3s,SNR=7.9				Pn	13 58 43.8	-0.3
MELI	Mellilla	5.30	87	iP	Pn	13 59 39.1	-4.8
MTE	Manteigas	5.40	15	eP	Pn	13 58 45.9	+0.3
MTE	comp=N,373nm,0.2s				A	13 59 41.6	-4.9
MTE	Manteigas	5.40	15	Pn	Pn	13 58 45.6	+0.1
EPLA	Plasencia	5.53	28	↑P	Pn	13 58 47.6	+0.3
EPLA	comp=N,35nm,0.3s,SNR=48				S	13 59 45.0	-4.7
EBER	Berja	5.55	70	P	Pn	13 58 47.2	-0.6
EBER	comp=N,83nm,0.3s,SNR=60				S	13 59 47.6	-2.8
GORA	Gorafe	5.62	64	P	Pn	13 58 49.0	+0.4
GORA	comp=N,206nm,0.3s,SNR=7.9				S	13 59 48.9	-3.1
PVIS	Visu	5.64	12	eP	Pn	13 58 48.7	-0.1
PVIS	comp=N,558nm,0.3s,SNR=7.9				A	13 59 48.0	-4.4
PVIS	comp=N,238nm,0.4s				A	13 59 51.0	
JBK	JBK	5.70	97	P	Pn	13 58 49.8	0.0
JBK	comp=N,32nm,0.3s,SNR=5.7				S	13 59 48.3	-5.7
EQES	Quesada	5.73	61	↑P	Pn	13 58 50.2	+0.1
EQES	comp=N,268nm,0.4s,SNR=274				S	13 59 50.5	-4.1
TAF	Taforal	5.75	92	P	Pn	13 58 51.0	+0.6
TAF	comp=N,30nm,0.1s,SNR=7.9				S	13 59 52.6	-2.6
PAB	San Pablo	5.92	41	↑P	Pn	13 58 52.7	-0.1
PAB	comp=N,124nm,0.2s,SNR=7.9				S	13 59 52.7	-6.7
PAB	San Pablo	5.92	41	P	Pn	13 58 52.6	-0.1
ENIJ	Nijar	6.10	71	P	Pn	13 58 54.9	-0.2
ENIJ	comp=N,138nm,0.4s,SNR=7.9				S	13 59 59.7	-3.8
PMPST	Porto Santo, M	6.12	252	eP	Pn	13 58 55.3	0.0
PMPST	comp=N,61nm,0.4s,SNR=7.9				A	13 59 58.8	-4.2
PMPST	comp=N,221nm,0.2s				A	14 00 08.7	
PMPST	Porto Santo	6.12	252	eP	Pn	13 58 55.1	-0.3
PMPST	comp=N,82nm,0.3s,baz=229,slow=23,SNR=18				A	13 59 58.3	-5.9
PMPST	comp=N,126nm,18.4s,baz=215,slow=39				A	14 00 02.4	
PVRL	Vila Real	6.22	12	eP	Pn	13 58 57.3	+0.6
PVRL	comp=N,149nm,0.2s				A	14 00 01.2	-5.3
PVRL	comp=N,257nm,0.1s				A	14 00 04.5	
ESDC	Seneca Array	6.23	42	P	Pn	13 58 57.0	+0.1
ESDC	comp=N,36nm,0.3s,baz=229,slow=13,SNR=348				S	14 00 02.8	-4.0
ESDC	comp=N,82nm,0.3s,baz=229,slow=23,SNR=18				LR	14 01 30.3	
ESDC	Seneca Array	6.23	42	↑P	Pn	13 58 56.7	-0.2
ESDC	comp=N,126nm,18.4s,baz=215,slow=39				S	14 00 00.5	-6.3
ESDC	Seneca Array	6.23	42	↑P	Pn	13 58 56.2	-0.7
ESDC	comp=N,83nm,0.5s,baz=231,slow=13,SNR=199				S	13 58 56.6	-0.3
ESDC	Seneca Array	6.23	42	P	Pn	13 58 56.6	-0.3
ESDC	comp=N,41nm,0.2s,baz=228,slow=22,SNR=231				S	13 58 57.0	-0.2
ESDC	Seneca Array	6.23	42	P	Pn	13 58 56.6	-0.3
ESDC	Seneca Array	6.23	42	P	Pn	13 58 57.0	-0.2
ESDC	Seneca Array	6.23	42	↑P	Pn	14 00 02.9	-4.4
ESDC	Seneca Array	6.23	42	P	Pn	13 58 57.1	-0.2
ESDC	Seneca Array	6.23	42	P	Pn	13 58 57.1	-0.2
ESDC	Seneca Array	6.23	42	P	Pn	14 00 01.2	-6.2
ESDC	Seneca Array	6.23	42	P	Pn	14 00 05.6	
ESDC	Seneca Array	6.23	42	P	Pn	13 58 56.8	-0.4
ESDC	Seneca Array	6.23	42	P	Pn	14 00 01.1	-6.2
ESDC	Seneca Array	6.23	42	P	Pn	13 58 58.0	+0.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 03.4	-5.2
ESDC	Seneca Array	6.23	42	P	Pn	14 00 05.9	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 02.0	+1.3
ESDC	Seneca Array	6.23	42	P	Pn	14 00 10.3	-3.1
ESDC	Seneca Array	6.23	42	P	Pn	13 59 02.4	+0.5
ESDC	Seneca Array	6.23	42	P	Pn	14 00 10.2	-5.6
ESDC	Seneca Array	6.23	42	P	Pn	14 00 15.2	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 03.3	-0.3
ESDC	Seneca Array	6.23	42	P	Pn	14 00 14.1	-4.6
ESDC	Seneca Array	6.23	42	P	Pn	14 00 18.0	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 03.5	-0.3
ESDC	Seneca Array	6.23	42	P	Pn	14 00 14.7	-4.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 18.9	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 04.0	0.0
ESDC	Seneca Array	6.23	42	P	Pn	14 00 13.4	-6.2
ESDC	Seneca Array	6.23	42	P	Pn	13 59 05.3	-0.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 17.1	-5.0
ESDC	Seneca Array	6.23	42	P	Pn	13 59 06.3	+0.3
ESDC	Seneca Array	6.23	42	P	Pn	14 00 20.1	-3.0
ESDC	Seneca Array	6.23	42	P	Pn	14 00 37.0	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 05.9	-0.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 17.1	-6.0
ESDC	Seneca Array	6.23	42	P	Pn	13 59 13.6	+7.6
ESDC	Seneca Array	6.23	42	P	Pn	13 59 05.4	-0.6
ESDC	Seneca Array	6.23	42	P	Pn	14 00 18.9	-5.0
ESDC	Seneca Array	6.23	42	P	Pn	14 00 20.6	
ESDC	Seneca Array	6.23	42	P	Pn	13 59 07.0	0.0
ESDC	Seneca Array	6.23	42	P	Pn	14 00 18.4	-6.5
ESDC	Seneca Array	6.23	42	P	Pn	13 59 07.2	-0.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 21.2	-4.1
ESDC	Seneca Array	6.23	42	P	Pn	13 59 08.3	+0.1
ESDC	Seneca Array	6.23	42	P	Pn	14 00 21.1	-6.1
ESDC	Seneca Array	6.23	42	P	Pn	13 59 09.6	+1.3
ESDC	Seneca Array	6.23	42	P	Pn	14 00 21.2	-6.1
ESDC	Seneca Array	6.23	42	P	Pn	13 59 08.3	-0.4
ESDC	Seneca Array	6.23	42	P	Pn	14 00 22.5	-5.5
ESDC	Seneca Array	6.23	42	P	Pn	13 59 09.3	-0.6
ESDC	Seneca Array	6.23	42	P	Pn	14 00 23.9	-6.3
ESDC	Seneca Array	6.23	42	P	Pn	13 59 09.5	-0.5
ESDC	Seneca Array	6.23	42	P	Pn	14 00 23.8	-6.5
ESDC	Seneca Array	6.23	42	P	Pn	13 59 09.1	-0.9
ESDC	Seneca Array	6.23	42	P	Pn	13 59 13.7	-0.1

FIGM	Los Montesinos	7.50	65	P	Pn	14 00 32.8	-4.1
ETRV	comp=N,26nm,0.4s,SNR=7.9				S	13 59 14.4	0.0
ETRV	comp=N,21nm,0.4s,SNR=7.9				S	14 00 33.0	-5.0
CFUE	Fuenteuerta	7.58	212	P	Pn	13 59 15.0	-0.3
CFUE	comp=N,30nm,0.2s,SNR=7.9				S	14 00 35.4	-4.5
EAGO	Agolada(Pontev)	7.67	7	P	Pn	13 59 15.9	-0.7
EAGO	comp=N,130nm,0.3s,SNR=7.9				S	14 00 33.9	-8.2
EAGO	Agolada(Pontev)	7.67	7	P	Pn	13 59 16.8	-1.0
EAGO	comp=N,5.3nm,0.2s,SNR=7.9				S	14 00 33.9	-8.2
EMAZ	Mazatecos	7.75	2	P	Pn	13 59 16.9	-9.2
EMAZ	comp=N,98nm,0.4s,SNR=7.9				S	14 00 34.8	-9.2
EMAZ	comp=N,13nm,0.2s,SNR=7.9				S	13 59 21.2	-0.3
ECHE	Chera	8.02	54	P	Pn	14 00 44.7	-6.2
ECHE	comp=N,14nm,0.1s,SNR=7.9				S	13 59 21.2	-0.3
ETOR	Torete	8.07	44	↑P	Pn	13 59 23.1	+0.8
ETOR	comp=N,32nm,0.3s,SNR=7.9				S	13 59 23.1	+0.8
ETOR	comp=N,359nm,0.3s,SNR=551				S	13 59 45.4	-6.8
EBENZ	Beniarza presa	8.16	62	P	Pn	13 59 23.0	-0.4
EBENZ	comp=N,228nm,0.3s				S	14 00 48.0	-6.3
EBENZ	comp=N,18nm,0.1s,SNR=7.9				S	13 59 23.0	-0.4
OKGL	Djebel Kef Gue	8.23	81	P	Pn	13 59 23.5	-0.8
OKGL	comp=N,209nm,0.4s,SNR=7.9				S	14 00 51.7	-4.3
OKGL	comp=N,11nm,0.3s,SNR=7.9				S	13 59 25.1	-0.3
EPON	Pontenova	8.31	11	P	Pn	14 00 50.9	-7.0
EPON	comp=N,8.5nm,0.3s,SNR=18				S	13 59 31.5	+0.4
EARI	Arriondas	8.72	21	P	Pn	14 01 00.7	-7.5
EARI	comp=N,36nm,0.4s,SNR=6.2				S	13 59 31.5	+0.4
EARI	comp=N,5.8nm,0.3s,SNR=36				S	14 01 00.7	-7.5
EMOS	Mosqueruela	8.76	51	↑P	Pn	13 59 32.1	+0.4
EMOS	comp=N,11nm,0.4s,SNR=5.0				S	14 01 00.6	-8.5
EMOS	comp=N,39nm,0.4s,SNR=4.2				S	13 59 32.2	-0.3
EOSO	Osorio	8.82	218	P	Pn	14 01 04.5	-6.1
EOSO	comp=N,38nm,0.3s,SNR=6.2				S	14 01 04.5	-6.1
EOSO	comp=N,14nm,0.3s,SNR=7.9				S	13 59 32.2	-0.3
CCAN	Las Canadas	9.26	223	P	Pn	14 01 14.9	-6.9
CCAN	comp=N,31nm,0.4s,SNR=7.9				S	13 59 32.2	-0.3
CCAN	comp=N,3.5nm,0.3s,SNR=7.9				S	14 01 14.9	-6.9
ELAN	Lanestosa	9.27	28	↑P	Pn	14 01 13.6	-7.8
ELAN	comp=N,15nm,0.3s,SNR=43				S	14 01 13.6	-7.8
EIBI	Ibiza	9.40	63	P	Pn	13 59 39.3	-1.1
EIBI	comp=N,						

23d 15h

Table of station data for 23d 15h, including columns for station name, coordinates, and various parameters like SNR and error rates.

2013 OCT

Main table of station data for 2013 OCT, listing stations like TXAR, SONM, GATA, and others with their respective coordinates and parameters.

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Table of station data for 1180, including stations like MDOK, PDGK, KAKANI, and others, with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, etc.

ISCJB 23 15:22:51.5, 0.6, 2.44S; 0.05; 126.91E; 0.05, h10km, mb3.5/2, Error ellipse: s-maj=9.2km s-min=5.4km az=44.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLAI Namlea, SANI Sanana, AMI Ambon, etc.

IDC 23 15:22:51.9, 0.8, 2.43S; 0.06; 126.93E; 0.06, h10km, n11, r132/14, Ceram Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHL Shillong, TAPN Tapeljung, ODAN Odare, etc.

GII 23 15:38:20.3, 0.0, 3.770N; 21.33E, h10km, mb4.3/1, MD4.1/1

IDC 23 15:38:28.3, 0.8, 3.775N; 21.44E, h0km, mb4.0/11, mb1.4/0.18, mb1mx3.9/4.0, mbmt3.9/18, ML3.9/6, MS3.1/9, s-min=1.5, 2km az=122.0

MOS 23 15:38:29.7, 1.3, 3.764N; 21.29E, h25km, mb4.3/11, Error ellipse: s-maj=7.8km s-min=4.4km az=71.7

ISCJB 23 15:38:30.9, 0.3, 3.770N; 0.02; 21.29E; 0.02, h28km, 2km, mb4.2/26, MS3.3/7, Error ellipse: s-maj=3.0km s-min=1.9km az=38.0

ATH 23 15:38:30.3, 3.770N; 21.39E, h23km, 1km, ML4.0/24, Error ellipse: s-maj=1.4km s-min=0.8km az=325.0

PDG 23 15:38:30.7, 0.6, 3.771N; 21.34E, h12km, ML4.1/14, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0

THE 23 15:38:31.1, 3.770N; 21.36E, h7km, 1km, ML4.0/12, Error ellipse: s-maj=1.1km s-min=0.5km az=20.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KFL KFL, KFL comp=E, 22614um, 0.5s, ITM Ithomi, etc.

ISCJB 23 15:22:52.1, 0.8, 3.58S; 12.7E, h11km, 10km, M3.5/6, mb4.0/1, MLV3.2/6

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

IDC 23 15:30:05.2, 1.3, 2.558N; 92.79E, h0km, mb3.4/5, mb1.3/6.5, mb1mx3.3/4.4, mbtm3.4/5, Error ellipse: s-maj=50.2km s-min=24.7km az=55.0

ISCJB 23 15:30:08.0, 0.8, 2.56N; 0.1; 93.01E; 0.08, h33km, mb3.4/5, Error ellipse: s-maj=25.0km s-min=9.1km az=13.6

ISC 23 15:30:11.1, 1.1, 2.577N; 0.2; 93.10E; 0.09, h35km, n18, r141/19, mb3.7/5, IC, Northeastern India

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

IDC 23 15:38:28.3, 0.8, 3.775N; 21.44E, h0km, mb4.0/11, mb1.4/0.18, mb1mx3.9/4.0, mbmt3.9/18, ML3.9/6, MS3.1/9, s-min=1.5, 2km az=122.0

MOS 23 15:38:29.7, 1.3, 3.764N; 21.29E, h25km, mb4.3/11, Error ellipse: s-maj=7.8km s-min=4.4km az=71.7

ISCJB 23 15:38:30.9, 0.3, 3.770N; 0.02; 21.29E; 0.02, h28km, 2km, mb4.2/26, MS3.3/7, Error ellipse: s-maj=3.0km s-min=1.9km az=38.0

ATH 23 15:38:30.3, 3.770N; 21.39E, h23km, 1km, ML4.0/24, Error ellipse: s-maj=1.4km s-min=0.8km az=325.0

PDG 23 15:38:30.7, 0.6, 3.771N; 21.34E, h12km, ML4.1/14, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0

THE 23 15:38:31.1, 3.770N; 21.36E, h7km, 1km, ML4.0/12, Error ellipse: s-maj=1.1km s-min=0.5km az=20.0

NEIC 23 15:38:31.2, 2.1, 3.771N; 0.02; 21.34E; 0.04, h18km, 5km, mb4.5/25, ML4.0/(THE)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGG Agios Georgios, VLI Vli, VLI Vli, etc.

ISCJB 23 15:22:52.1, 0.8, 3.58S; 12.7E, h11km, 10km, M3.5/6, mb4.0/1, MLV3.2/6

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

IDC 23 15:30:05.2, 1.3, 2.558N; 92.79E, h0km, mb3.4/5, mb1.3/6.5, mb1mx3.3/4.4, mbtm3.4/5, Error ellipse: s-maj=50.2km s-min=24.7km az=55.0

ISCJB 23 15:30:08.0, 0.8, 2.56N; 0.1; 93.01E; 0.08, h33km, mb3.4/5, Error ellipse: s-maj=25.0km s-min=9.1km az=13.6

ISC 23 15:30:11.1, 1.1, 2.577N; 0.2; 93.10E; 0.09, h35km, n18, r141/19, mb3.7/5, IC, Northeastern India

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

IDC 23 15:38:28.3, 0.8, 3.775N; 21.44E, h0km, mb4.0/11, mb1.4/0.18, mb1mx3.9/4.0, mbmt3.9/18, ML3.9/6, MS3.1/9, s-min=1.5, 2km az=122.0

MOS 23 15:38:29.7, 1.3, 3.764N; 21.29E, h25km, mb4.3/11, Error ellipse: s-maj=7.8km s-min=4.4km az=71.7

ISCJB 23 15:38:30.9, 0.3, 3.770N; 0.02; 21.29E; 0.02, h28km, 2km, mb4.2/26, MS3.3/7, Error ellipse: s-maj=3.0km s-min=1.9km az=38.0

ATH 23 15:38:30.3, 3.770N; 21.39E, h23km, 1km, ML4.0/24, Error ellipse: s-maj=1.4km s-min=0.8km az=325.0

PDG 23 15:38:30.7, 0.6, 3.771N; 21.34E, h12km, ML4.1/14, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0

THE 23 15:38:31.1, 3.770N; 21.36E, h7km, 1km, ML4.0/12, Error ellipse: s-maj=1.1km s-min=0.5km az=20.0

NEIC 23 15:38:31.2, 2.1, 3.771N; 0.02; 21.34E; 0.04, h18km, 5km, mb4.5/25, ML4.0/(THE)

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, DRO Drossia, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KFL KFL, KFL comp=E, 22614um, 0.5s, ITM Ithomi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGG Agios Georgios, VLI Vli, VLI Vli, etc.

23d 16h

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like WDD, UPN, UPM, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like VSR, LPSR, LPRS, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like WHN, NJ2, ASAR, etc.

Table with columns: AREO, ARCESS Array S, LOF, LOFoten, LUF, Merijarvi, KONS, KONSIV, etc. Includes station names, coordinates, and various parameters.

Table with columns: PARM, Anticline Ridg, PNTR, Pine Nut, VPEN, Volcano Peak E, PKEM, Kettleman Hill, etc. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes station names, coordinates, and various parameters.

ANF 23 17:19:31.2±0.3, 47°14'N, 104°20'W, h0km±2km, ML3.3/18, ML3.3/18, Error ellipse: s-maj=2.1km s-min=1.1km az=85.0

NCEDC 23 17:19:32.7±1.7, 37°47'N, 102°11'W, h84W±0.03, h84km±4km, ML3.2

REN 23 17:19:32.6±2.1, 37°47'N, 102°11'W, h83W±0.02, h15km±2km

NEIC 23 17:19:33.1±0.9, 37°45'N, 102°10'W, h82W±0.02, h1km±7km

ISC 23 17:19:32.8±0.9, 37°47'N, 102°11'W, h85W±0.02, h8km±6km, n190, o09N/204, California-Nevada border region

ISK 23 17:26:50.9, 38°47'N, 130°52'E, h6km, ML2.0/9

DDA 23 17:26:50.6, 38°46'N, 130°57'E, h7km±5km, ML2.7, Turkey

AFYON Karahisar, 0.39 328, i P, P, 17 26 59.8 -0.1

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

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BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

BOLV Bolvadin, 0.40 49, i S, S, 17 26 52.0 -0.8

23d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TLB Topalu, COPA Copaceanca, TESR Tescani, TIRR Tirgusor.

ANF 23 17:40:02.4-0.4, 37.41N:118.95W, h3km, 2km, ML3, 1/20, ML3.1/20, Error ellipse: s-maj=2.7km s-min=1.1km az=109.0

NCEDC 23 17:40:03.9-1.9, 37.47N:0.01:118.84W:0.02, h8km, 5km, ML3.2, ML2.7(REN)

REN 23 17:40:04.9-1.4, 37.50N:0.01:118.78W:0.01, h2km, 5km, h1km, 7km

ISC 23 17:40:04.2-0.9, 37.46N:0.02:118.84W:0.02, h7km, 7km, n178, s093/196, California-Nevada border region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RCCR Rock Creek Can, MCMV Convict Lake, MDRNC Doe Ridge, etc.

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Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BHRM Hodges Ranch, PKLM Kerr Lake, PCMM Cholame Hills, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BATI Baumata, KARP Karpathos, ZKR Zakros, etc.

ATH 23 18:35:24.7, 35.64N:26.81E, h27km, 6km, ML2.1/2, Error ellipse: s-maj=10.6km s-min=1.3km az=154.0, Crete

ISC/JB 23 18:36:26.9, 0.6, 37.87N:0.03:118.15E:0.05, h98km, 11km, Error ellipse: s-maj=7.1km s-min=3.7km az=146.5

THE 23 18:36:28.7, 37.53N:18.30E, h31km, 42km, ML3.0/7, Error ellipse: s-maj=42.8km s-min=2.0km az=0.0

PDG Dros 18:36:28.4, 0.2, 38.18N:17.53E, h2km, 7km, ML3.9/11, Error ellipse: s-maj=9.3km s-min=1.5km az=90.0

BEQ 23 18:36:52.9, 2.9, 39.69N:18.93E, h23km, 8km, ML3.0/8, Error ellipse: s-maj=23.2, 2.9, 39.69N:18.93E:0.07, h75km, 42km, n80, s164/116, 10C-7D, Ionian Sea

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VLS Valsamata, FSK Fiskardo, KFL Kifissos, etc.

Table with 4 columns: Station Name, Time, Res, and other parameters. Includes stations like MOSL, OZLJ, CRES, CEY.

IDC 23 18:53:22.0, 6.64:95N:149:57E, h0km, mb3.9/15, mb1.4/19, mb1mx3.9/50, mbtmp3.9/19, ML3.4/2, MS3.2/1, M1 3.2/1, ms1mx2.4/58, Error ellipse: s-maj=14.9km s-min=9.6km az=69.0

YARS 23 18:53:22.4, 64:99N:149:91E, h16km

NEIC 23 18:53:23.2-1.7, 64:90N:0:08-149:6E:0.2, h10km, 1km, mb4.7/14

NEIS 23 18:53:24.2-0.0, 64:92N:149:82E, h16km

ISC 23 18:53:21.9-1.3, 64:97N:0:03:149:83E:0.0, h0km, 8km, n60, o170/113, mb4.1/22, 1D, Eastern Siberia

Main table for the first column, listing station names, times, and residuals for various seismic events.

Main table for the second column, listing station names, times, and residuals for various seismic events.

IDC 23 19:06:11.0, 1.5, 3:66S:151:47E, h0km, mb3.5/4, mb1.3/8.4, mb1mx3.5/24, mbtmp3.6/4, Error ellipse: s-maj=34.4km s-min=17.4km az=37.0

ISCBJ 23 19:06:14.6:1.5, 3:65S:0.2:151:4E:0.1, h33km, mb3.4/4, Error ellipse: s-maj=30.4km s-min=10.7km az=31.5

ISC 23 19:06:16.0:1.5, 3:75S:0.2:151:4E:0.2, h35km, n12, o150/7, mb3.5/4, New Ireland region

Main table for the third column, listing station names, times, and residuals for various seismic events.

IDC 23 19:25:19.8:1.7, 6:81S:155:32E, h0km, mb3.7/7, mb1.3/9.9, mb1mx3.8/46, mbtmp3.8/9, ML1.7/1, MS3.0/2, M1 3.0/2, ms1mx2.6/27, Error ellipse: s-maj=46.1km s-min=24.1km az=122.0

ISCBJ 23 19:25:20.7, 6:83S:0:08:155:12E:0.0, h41km, mb3.6/7, MS3.0/1, Error ellipse: s-maj=12.1km s-min=10.5km az=149.0

ISC 23 19:25:26.2:1.1, 6:85S:0.1:155:2E:0.1, h41km, n25, o45/24, mb3.7/7, Bougainville-Solomon Islands region

Main table for the fourth column, listing station names, times, and residuals for various seismic events.

Table for the fifth column, listing station names, times, and residuals for various seismic events.

GEN 23 19:33:11.3, 44:35N:7:29E, h14km, 2km, M10.7, LDG 23 19:33:11.2-0.1, 44:36N:7:30E, h12km, M12, M1.6/2, M1.6/5, Error ellipse: s-maj=1.2km s-min=0.8km az=68.0

ROM 23 19:33:11.0-0.1, 44:36N:0:00:6:731E:0.0, h13km, 1km, ML1.3/3, Error ellipse: s-maj=0.9km s-min=0.7km az=53.0, Northern Italy

Main table for the fifth column, listing station names, times, and residuals for various seismic events.

ISCBJ 23 19:34:52.0:2.0, 4:7:98N:0:02:16:36E:0.0, h3km, 3km, Error ellipse: s-maj=3.2km s-min=2.6km az=151.7

VIE 23 19:34:53.5:0.1, 4:7:94N:16:40E, h13km, mb2.1/6, m2.6/10, Error ellipse: s-maj=1.5km s-min=1.2km az=141.0, felt 3-4 ems98 at Ebreichsdorf / Lower Austria

IPEC 23 19:34:53.7:0.1, 4:7:95N:16:41E, h13km, 2km, ML2.6/2, Error ellipse: s-maj=1.1km s-min=0.7km az=91.0

PRU 23 19:34:54.4:0.0, 4:7:98N:16:37E, h10km, Ebreichsdorf

ISC 23 19:34:52.6:1.1, 4:7:97N:0:02:16:39E:0.0, h5km, 10km, n9, o49/270, 2D, Austria

Main table for the sixth column, listing station names, times, and residuals for various seismic events.

X52A	Dahlonega	57.75 309	P	P	21 11 30.3 +0.5
D55A	Sainte-Anne-du	57.83 326	P	P	21 11 30.2 +0.1
PEMO	Pembroke	58.10 324	P	P	21 11 31.1 -0.9
MYKA	Terra Myntica	58.13 35	iP	P	21 11 34.0 +1.7
BANO	Bancroft	58.16 323	P	P	21 11 32.7 +0.3
KJBA	Koelnbreinsperg	58.22 34	iP	P	21 11 34.1 +1.1
H53A	Bobcaygeon	58.33 322	P	P	21 11 34.7 +1.0
O52A	Adamsville	58.38 316	P	P	21 11 34.1 +0.1
TYNO	Tyneside	58.41 320	P	P	21 11 34.9 +0.7
Y51A	Rockmart	58.42 308	P	P	21 11 35.0 +0.5
G54A	Lake Saint Pet	58.46 323	P	P	21 11 39.7 +5.2
E54A	Lac Duplat, Po	58.48 324	P	P	21 11 38.2 +3.5
OBKA	Obir	58.59 36	iP	P	21 11 36.3 +0.7
G53A	Haliburton	58.64 323	P	P	21 11 38.5 +2.7
E53A	Dumoine, Ponti	58.73 324	P	P	21 11 36.2 -0.2
Z50A	Ashland	58.89 307	P	P	21 11 38.3 +0.5
SOKA	Soboth	58.96 36	iP	P	21 11 39.0 +0.9
FPAL	Fort Paine	59.06 309	P	P	21 11 35.1 -3.9
DF5A	Lac Vacive, Po	59.12 325	P	P	21 11 38.5 -0.6
MOA	Molin	59.17 34	iP	P	21 11 41.5 +2.1
F52A	Sundridge	59.41 323	P	P	21 11 40.4 -0.7
GERES	GERESS Array B	59.42 33	P	P	21 11 42.8 +1.6
GERES	GERES	59.42 33	LR	LR	21 34 33.8
GERES	GERESS Array B	59.42 33	P	P	21 11 39.0 -2.2
D52A	ZEK Kipawa Sen	59.48 324	P	P	21 11 40.7 -0.9
PDG	Podgorica	59.51 42	P	P	21 11 40.3 -1.5
KHC	Kasperske Hory	59.51 33	eP	P	21 11 43.1 +1.3
KHC	KHC	59.51 33	AMS	AMS	21 35 20.0
ARSA	Arzberg	59.55 35	iP	P	21 11 42.4 +0.2
M50A	Fremont	59.75 317	P	P	21 11 44.2 +0.6
E51A	G1948 Merrick	59.88 324	P	P	21 11 47.6 +3.3
CONA	Conrad Observa	60.11 35	iP	P	21 11 52.4 +6.4
CLTN	Cedars of Leba	60.13 310	P	P	21 11 43.2 -3.1
CLTN	CLTN	60.13 310	IAMB	IAMB	21 11 55.0
V48A	Smith Brothers	60.39 310	P	P	21 11 48.4 +0.4
D50A	G1974 Best Tow	60.41 324	P	P	21 11 51.8 +3.8
CLL	Collim	60.49 30	eP	P	21 11 49.0 +0.6
PRU	Pruhonic	60.52 32	AMS	AMS	21 35 20.0
BRG	Bergliesshubel	60.71 31	eP	P	21 12 04.8 +1.5
PVCC	Panska Ves	60.84 32	AMS	AMS	21 33 40.0
L48A	N Adams	60.92 317	P	P	21 11 52.9 +1.3
PLAL	Pickwick Lake	61.12 308	IAMB	IAMB	21 12 00.1
K47A	Vermontville	61.60 318	P	P	21 11 58.3 +2.1
CHVC	Chvalec	61.66 32	eP	P	21 12 00.2 +3.8
LSZ	Lusaka	61.77 109	P	P	21 11 58.0 +0.1
LSZ	LSZ	61.77 109	IAMB	IAMB	21 12 06.6
P46A	Rosedale	61.99 314	P	P	21 12 00.0 +1.2
PSZ	Piszkesteto	62.44 36	eP	P	21 12 02.0 +0.2
PSZ	Piszkesteto	62.44 36	IAMB	IAMB	21 12 12.0
SIRR	Siria	62.76 39	iP	P	21 12 09.4 +5.6
D46A	Sault St. Mari	62.80 322	P	P	21 12 06.3 +2.2
L44A	Lake County Fo	63.41 316	P	P	21 12 10.0 +1.8
DRGR	Draeger Farm,	63.64 38	iP	P	21 12 13.2 +3.4
LCAR	Lake Charles	63.84 309	IAMB	IAMB	21 12 17.4
TRPA	Tarpa	64.12 37	iP	P	21 12 14.1 +1.3
TRPA	Tarpa	64.12 37	eP	P	21 12 14.1 +1.3
ELND	Elena	64.18 49	iP	P	21 12 14.7 +7.6
W41B	Gary Mavity, V	64.46 308	P	P	21 12 15.4 +0.1
W41B	Gary Mavity, V	64.46 308	IAMB	IAMB	21 12 21.1
CCM	Cathedral Cave	64.47 311	P	P	21 12 15.2 -0.1
CCM	Cathedral Cave	64.47 311	P	P	21 12 12.1 -3.2
CCM	Cathedral Cave	64.47 311	IAMB	IAMB	21 12 21.6
I42A	Draeger Farm,	64.71 318	P	P	21 12 16.4 -0.4
MLR	Muntele Rosu	65.17 41	iP	P	21 12 21.2 +1.3
U40A	Yellville	65.24 309	P	P	21 12 21.0 +0.6
JFWS	Jewell Farm	65.28 316	P	P	21 12 21.3 +0.8
OZUR	Mount Ida	65.30 40	iP	P	21 12 20.9 +0.3
MIAR	Mount Ida	65.36 307	P	P	21 12 22.5 +1.3
BURAR	Bucovina Array	65.53 38	P	P	21 12 21.5 -0.7
L40A	Anamosa	65.68 315	P	P	21 12 22.7 -0.4
W39A	Magazine	65.69 307	P	P	21 12 23.6 +0.3
BISRR	Bisoca	65.69 41	iP	P	21 12 23.9 +0.8
BIZ	Bicaz	65.82 39	iP	P	21 12 28.4 +4.4
NB2	NORSAR Subarra	65.93 21	P	P	21 12 24.4 0.0
NOA	NORSAR Array B	65.93 21	P	P	21 12 25.1 +0.7
NOA	NOA	65.93 21	LR	LR	21 36 48.0
HKT	Hockey	66.28 305	P	P	21 12 24.1 -3.0
HKT	Hockey	66.28 305	IAMB	IAMB	21 12 33.5
SORM	Soroca	67.68 39	iP	P	21 12 35.2 -0.6
WHIT	Lake Whitney	68.02 303	P	P	21 12 37.9 -0.3
BRTR	Reskin Array B	68.80 49	P	P	21 12 44.4 +1.3
BRTR	Reskin Array B	68.80 49	P	P	21 12 42.2 -0.9
833A	Chapparral WMA	69.11 299	P	P	21 12 44.7 -0.4
AKSAG	Malin Array B	69.15 36	P	P	21 12 45.8 +0.9
AKSAG	AKSAG	69.15 36	LR	LR	21 41 59.9
AKSAG	Malin Array B	69.15 36	P	P	21 12 44.4 -0.5
AKKB	Malin Array Si	69.16 36	IAMB	IAMB	21 12 52.2
SUMG	Summit	69.31 358	iP	P	21 12 52.0 +6.0
WMOK	Wichita Mounta	69.60 306	P	P	21 12 46.1 -2.0
WMOK	Wichita Mounta	69.60 306	IAMB	IAMB	21 12 48.3
JCT	Junction City	69.76 301	P	P	21 12 48.3 -0.9
ABTX	Abilene, Hawle	69.95 303	P	P	21 12 50.9 +0.7
ECSD	EROS Data Cent	69.95 316	P	P	21 12 49.3 -0.7
ECSD	EROS Data Cent	69.95 316	IAMB	IAMB	21 12 56.0
ULM	Lac du Bonnet	71.33 322	LR	LR	21 38 51.4

AMTX	Amarillo	71.98 306	P	P	21 13 02.5 -0.1
AMTX	Amarillo	71.98 306	IAMB	IAMB	21 13 09.6
FINES	FINESS Array B	72.04 25	P	P	21 13 02.7 +0.5
FINES	FINESS Array B	72.04 25	P	P	21 13 00.9 -1.3
MSTX	Muleshoe	72.74 304	P	P	21 13 06.8 -0.4
TXAR	Lajitas Array	72.95 300	P	P	21 13 08.8 +0.2
TXAR	TXAR	72.95 300	LR	LR	21 45 16.6
TXAR	Lajitas Array	72.95 300	P	P	21 13 07.2 -1.4
DAG	Denmarks Havn	73.73 3	iP	P	21 13 15.4 +3.3
T25A	Trinidad	74.49 308	P	P	21 13 17.9 +0.3
HPIG	HPIG	74.50 297	IAMB	IAMB	21 13 25.2
MNTX	Corvidas Mount	74.66 302	P	P	21 13 17.8 -0.6
Q24A	Dineu	75.31 309	P	P	21 13 23.6 +1.2
VNA1	Neumayer-Stat	75.41 172	P	P	21 13 23.7 +1.9
SDCO	Great Sand Dun	75.43 308	P	P	21 13 23.0 -0.1
VNA3	Neumayer Olymp	75.78 173	P	P	21 13 22.6 -1.4
ISCO	Idaho Springs	75.78 310	P	P	21 13 25.8 +0.7
ISCO	Idaho Springs	75.78 310	IAMB	IAMB	21 13 33.3
VNA2	Neumayer-Watz	75.78 172	P	P	21 13 25.3 +1.3
ARCES	ARCCESS Array B	75.78 18	P	P	21 13 24.6 +0.5
ARCES	ARCCESS Array B	75.78 18	P	P	21 13 22.7 -1.4
ANMO	Albuquerque	75.88 305	P	P	21 13 25.6 0.0
ANMO	Albuquerque	75.88 305	P	P	21 13 23.0 -2.6
DGMT	Daguerre	76.16 319	P	P	21 13 27.5 +0.8
FFC	Flin Flin	76.16 326	P	P	21 13 23.4 -3.1
FFC	FFC	76.16 326	IAMB	IAMB	21 13 33.4
KBZ	Khabaz	76.37 46	P	P	21 13 30.4 +2.5
S22A	4UR Ranch, Cre	76.47 308	P	P	21 13 30.0 +0.9
S22A	4UR Ranch, Cre	76.47 308	IAMB	IAMB	21 13 37.1
SMCO	Snowmass	76.75 309	IAMB	IAMB	21 13 38.7
121A	Cookes Peak, D	76.76 302	P	P	21 13 30.9 +0.2
121A	Cookes Peak, D	76.76 302	IAMB	IAMB	21 13 39.1
SNAAs	Sanae	77.12 171	P	P	21 13 33.0 +1.3
SNAAs	Sanae	77.12 171	P	P	21 13 32.6 +1.0
SNAAs	Sanae	77.12 171	P	P	21 13 31.5 -0.2
LAO	LAO Array	77.21 317	P	P	21 13 40.3 -3.2
MVCO	Mesa Verde	77.74 307	P	P	21 13 37.3 +1.2
MVCO	Mesa Verde	77.74 307	IAMB	IAMB	21 13 45.0
O20A	White River Ci	77.83 310	IAMB	IAMB	21 13 36.6 +0.1
O20A	White River Ci	77.83 310	IAMB	IAMB	21 13 44.9
PV01	Paradox Valley	77.88 308	IAMB	IAMB	21 13 45.0
319A	Douglas	77.95 301	IAMB	IAMB	21 13 45.5
PV12	Saucer Basin,	78.08 308	IAMB	IAMB	21 13 46.0
PV13	Radium Mtn,	78.08 308	IAMB	IAMB	21 13 46.0
PV03	Paradox Valley	78.11 308	IAMB	IAMB	21 13 46.1
PV18	Skein Mesa, Pa	78.16 308	IAMB	IAMB	21 13 47.0
PV04	Paradox Valley	78.17 308	IAMB	IAMB	21 13 46.4
PV16	Nyswonger Mesa	78.20 308	IAMB	IAMB	21 13 47.2
PV20	East Wray Mesa	78.20 308	IAMB	IAMB	21 13 47.6
PV20	West Nyswonger	78.21 308	IAMB	IAMB	21 13 47.3
PV19	Morning Glory	78.22 308	IAMB	IAMB	21 13 46.7
PV21	Coie Mtn., Par	78.24 309	IAMB	IAMB	21 13 46.4
PDAR	Pinedale Array	79.08 313	P	P	21 13 43.5 +0.1
PDAR	Pinedale Array	79.08 313	LR	LR	21 43 57.9
PDAR	Pinedale Array	79.08 313	P	P	21 13 42.3 -1.1
TUC	Tucson	79.28 302	P	P	21 13 45.3 +0.8
TUC	Tucson	79.28 302	P	P	21 13 41.8 -2.7
TUC	TUC	79.28 302	IAMB	IAMB	21 13 52.4
P17A	Butcher Ranch,	79.68 309	P	P	21 13 45.7 -1.0
X16A	Lo Mia Camp, P	79.93 304	IAMB	IAMB	21 13 56.7
WUAZ	Wupatki	79.94 305	P	P	21 13 49.6 +1.5
WUAZ	Wupatki	79.94 305	IAMB	IAMB	21 13 56.5
RES	Resolute Bay	80.00 346	P	P	21 13 47.3 -0.2
FLWY	Flagg Ranch	80.03 314	IAMB	IAMB	21 13 51.3
REDW	Red Top Meadow	80.07 313	IAMB	IAMB	21 13 51.0
TPAW	Teton Pass	80.16 313	IAMB	IAMB	21 13 51.6
AHID	Auburn Hatcher	80.21 313	IAMB	IAMB	21 13 58.0
214A	Organ Pipe Nat	80.98 302	P	P	21 13 54.3 +0.6
DUG	Dugway, Tooele	81.32 310	P	P	21 13 55.3 -0.1
DUG	Dugway, Tooele	81.32 310	IAMB	IAMB	21 14 04.1
DLMT	Dillon	81.47 315	IAMB	IAMB	21 14 04.1
Y12C	Blythe	82.47 303	P	P	21 14 02.3 +0.9
Y12C	Blythe	82.47 303	IAMB	IAMB	21 14 09.6
MSO	Missoula	82.50 317	P	P	21 14 02.0 +0.5
GLO	Glamis	82.71 303	P	P	21 14 04.1 +1.3
IRM	Iron Mountain	82.99 304	P	P	21 14 04.6 +0.3
SHPR	Sheep Range	83.04 306	IAMB	IAMB	21 14 13.5
BC3	Big Chuckawall	83.24 303	P	P	21 14 06.3 +0.7
G11A	Tro Canyon, C	83.41 308	P	P	21 14 06.5 0.0
RMR	Granite Mounta	83.42 304	P	P	21 14 06.5 0.0
TUQ	Tuquoise Moun	83.64 305	P	P	21 14 09.4 +1.7
BELC	Belle Mtn. Jos	83.70 304	P	P	21 14 08.9 +0.9
IKP	In-Ko-Pah, Jac	83.79 302	P	P	21 14 10.1 +1.7
TPNV	Topopah Spring	83.92 307	P	P	21 14 09.8 +0.7
YKA	Yellowknife Ar	83.94 332	P	P	21 14 07.6 -0.7
YKA	Yellowknife Ar	83.94 332	P	P	21 14 07.3 -1.1
HEC	Hector,Ludlow	83.98 305	P	P	21 14 10.4 +1.0
MONP	Monument Peak	84.05 303	P	P	21 14 10.2 +0.3
PFO	Pinyon Flats O	84.08 303	P	P	21 14 10.6 +0.7
GSC	Goldstone, Bar	84.36 305	P	P	21 14 13.1 +1.8

FURC	Furnace Creek,	84.41 306	P	P	21 14 13.5 +2.2
BMN	Battle Mountai	84.70 310	IAMB	IAMB	21 14 20.8
NEW	Newport	84.70 318	P	P	21 14 11.9 -0.8
NEW	Newport	84.70 318	P	P	21 14 12.6 -0.1
MPMC	Manual Prospec	84.92 306	P	P	21 14 14.6 +0.4
LRMC	Laurel Mtn Rad	85.08 305	P	P	21 14 15.9 +1.0
EDW2	Edwards Air Fo	85.34 305	P	P	21 14 16.7 +0.5
CWC	Cottonwood Cre	85.39 306	P	P	21 14 18.0 +1.4
NV11	Mina Array Sit	85.43 308	IAMB	IAMB	

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res, ISC. Includes stations like Mavora Lakes, Wether Hill Ro, Rata Peaks, Waitaha Valley, etc.

Table with columns: NJ2, Nanjing, 88.81 320, eP, Pmax, etc. Includes stations like Kurchatov Array, Kurk Kurchatov, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res, ISC. Includes stations like NOA NORSAR Array B, BRTR Keskin Array B, etc.

24d Oh

ECAT	Cat-ERZURUM	1.27 302	i P	Pn	23 43 57.0 -0.4
ECAT			i S	Sn	23 44 15.4 +1.2
BNGB	Bingli	1.32 273	PN	Sn	23 43 57.6 -0.3

ISCJB 23 23:51:06.2.1.2, 14:18N.0:08.92:62W.0:06, h10km, Error
 ellipse: s-maj=13.2km s-min=6.6km az=31.9
 CGC 23 23:51:07.6.0.3, 14:13N.92:65W, h62km, 89km, MD4.1
 MEX 23 23:51:08.6.0.5, 14:03N.92:69W, h20km, MD3.7
 SNET 23 23:51:09.2.0.9, 14:03N.92:49W, h24km, 8km, ML2.8
 ISC 23 23:51:06.1.2.1, 14:11N.0:1.92:63W.0:08, h10km, n11,
 r121/14, Near coast of Chiapas

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
				h m s	ISC
THIG		0.85 25	i P	23 51 31.5 -2.0	Sg
STG3	Santiago 3,	1.16 61	eP	23 51 29.2 +0.4	Pn
PCIG		1.66 34	eP	23 51 35.1 -0.2	Pn
FUG	Fuego 3	1.76 80	eP	23 51 37.0 +0.2	Pn
FUG			eS	23 51 59.9 +0.5	Sn
IXG	Ixpaco	2.12 89	eP	23 51 42.1 +0.3	Sn
IXG			eS	23 52 08.8 +0.4	Sn
CGIC	Comitan	2.19 13	eP	23 51 45.8 +3.1	Pn
TGIG		2.67 350	eP	23 51 49.2 0.0	Pn
SBSL	San Blas	2.94 95	eP	23 51 53.5 +0.5	Sn
SBSL			eS	23 52 27.7 -0.8	Sn
SNJE	San Jose	2.95 95	eP	23 51 53.5 +0.3	Sn
MITOS	Montecristo	3.18 95	eP	23 51 57.4 +0.9	Pn
CMIG	Mattias Romero	3.63 324	eP	23 52 03.1 +0.4	Pn

JMA 23 23:57:10.9.0.2, 24:37N.122:92E, h95km, 2km, M2.6
 ISCJB 23 23:57:11.1.1.0.5, 24:42N.0:04:122.91E.0:02, h87km, 5km,
 Error ellipse: s-maj=6.1km s-min=3.0km az=0.6
 TAP 23 23:57:11.4, 24:44N.122:89E, h96km, 1km, ML3.1, D
 ISC 23 23:57:10.7.1.4, 24:44N.0:05:122.92E.0:03, h95km, 9km,
 n51, r1509/92, Taiwan region

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
				h m s	ISC
JYNG	Yonagunijimaku	0.03 74	P	23 57 24.0 +0.1	Pn
JYNG			S	23 57 34.3 +0.6	Sn
YOJ	Yonaguni jima	0.09 78	P	23 57 24.4 +0.4	Pn
YOJ			eS	23 57 34.0 +0.2	Sn
EOS1	EOS1	0.72 279	eP	23 57 27.9 +0.1	Pn
EOS1			eS	23 57 41.0 +0.4	Sn
HATJ	Hateruma jima	0.90 115	P	23 57 29.4 -0.2	Pn
HATJ			eS	23 57 43.0 -0.8	Sn
TWC	Suao	0.98 280	eP	23 57 30.6 +0.1	Pn
TWC			eS	23 57 44.2 -1.2	Sn
JKRS	Kuro-shima	1.02 101	P	23 57 31.8 +0.9	Pn
JKRS			S	23 57 46.8 +0.7	Sn
NANB	Nanao	1.06 269	P	23 57 31.7 +0.3	Pn
NANB			S	23 57 46.6 -0.5	Sn
ENA	Nanau	1.07 269	eP	23 57 32.0 +0.5	Pn
ENA			eS	23 57 47.3 +0.1	Sn
JIA	Ishigaki jima	1.12 94	P	23 57 32.4 +0.3	Pn
JJJ			S	23 57 47.6 -0.6	Sn
TIPB	Shuangxi	1.12 298	eP	23 57 32.5 +0.3	Pn
TIPB			eS	23 57 47.3 -1.0	Sn
TWE	Neicheng	1.17 284	eP	23 57 33.1 +0.5	Pn
TWE			eS	23 57 48.7 -0.5	Sn
SLBB	Yuanshan	1.21 285	eP	23 57 32.6 -0.5	Pn
NACB	Ninganchiao	1.23 258	eP	23 57 33.1 -0.3	Pn
NACB			eS	23 57 49.7 -0.9	Sn
ENTT	Nioudou	1.24 279	eP	23 57 34.6 +1.0	Pn
ENTT			eS	23 57 51.0 +0.2	Sn
TWD	Chiawan	1.26 254	eP	23 57 33.4 -0.3	Pn
TWD			eS	23 57 49.6 -1.5	Sn
JISG	Ishigakijimahi	1.28 83	P	23 57 33.9 -0.1	Pn
JISG			S	23 57 50.8 -0.7	Sn
NDT	Datong Townshi	1.29 277	P	23 57 34.8 +0.7	Pn
NDT			S	23 57 52.1 +0.4	Sn
NWL1	Wulai	1.33 285	P	23 57 35.5 +0.9	Pn
NWL1			S	23 57 52.4 -0.3	Sn
ETLH	Xiulin Townshi	1.33 260	eP	23 57 34.7 0.0	Pn
ETLH			eS	23 57 52.1 -0.7	Sn
NNSB	Datong	1.40 270	eP	23 57 35.9 +0.3	Pn
NNSB			eS	23 57 52.8 -1.5	Sn
YHNB	Yeheng	1.42 279	eP	23 57 36.4 +0.6	Pn
YHNB			eS	23 57 54.8 0.0	Sn
YM05	YM05	1.42 301	eP	23 57 36.4 +0.6	Pn
YM05			eS	23 57 54.6 -0.1	Sn
YM10	YM10	1.42 300	eP	23 57 36.9 +1.1	Pn
YM10			eS	23 57 55.0 +0.2	Sn
YM04	YM04	1.44 300	eP	23 57 36.6 +0.6	Pn
YM04			eS	23 57 53.9 -1.2	Sn
ESL	Shilin	1.49 245	P	23 57 36.7 +0.1	Pn
ESL			S	23 57 54.7 -1.5	Sn
WHF	Hehuan Shan	1.54 259	P	23 57 37.9 +0.4	Pn
WHF			S	23 57 57.3 -0.5	Sn
EGFH	Guangfu	1.56 241	eP	23 57 37.3 -0.2	Pn
TWT	Tachien	1.60 264	P	23 57 39.5 +1.4	Pn
TWT			S	23 57 58.8 -0.1	Sn
TDCB	Techi	1.61 264	eP	23 57 39.3 +1.0	Pn
TDCB			eS	23 57 58.5 -0.6	Sn
CHGB	Renai	1.63 257	eP	23 57 39.3 +0.7	Pn
CHGB			eS	23 57 59.5 -0.3	Sn
HTJ	Tarama	1.64 83	P	23 57 39.1 +0.7	Pn
HTJ			eS	23 57 58.1 -0.4	Sn
APE	Ruisui	1.66 236	eP	23 57 38.6 -0.1	Pn
LI0B	Emei	1.74 277	eP	23 57 40.4 +0.7	Pn
LI0B			eS	23 58 01.1 -0.8	Sn
VWDT	VWDT	1.76 247	eP	23 57 40.8 +0.8	Pn
VWDT			eS	23 58 01.2 -1.1	Sn
WHP	Taichung City	1.80 265	eP	23 57 42.1 +1.5	Pn
WHP			eS	23 58 04.0 +0.6	Sn
YULB	Yu-li	1.81 235	eP	23 57 40.8 +0.1	Pn
YULB			eS	23 58 02.3 -1.2	Sn
TWF1	Yuli	1.84 234	P	23 57 41.4 +0.4	Pn

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SMLT	Sun Moon Lake	1.92 254	eP	Pn	23 57 43.0 +0.8
TYC	Yuch	1.96 254	P	Pn	23 57 43.8 +1.3
TYC			eS	Sn	23 58 08.8 +2.0
ELDTW	Lidau	2.14 235	eP	Pn	23 57 45.3 +0.2
CHNS	Tsauling	2.21 248	eP	Pn	23 57 47.7 +1.8
TWGBT	Beinan	2.33 226	eP	Pn	23 57 47.1 -0.4
TWGBT			eS	Sn	23 58 13.9 -1.8
TWG	Pinlang	2.34 227	eP	Pn	23 57 47.1 -0.4
TWG			eS	Sn	23 58 14.2 -1.5
STYT	Tauyuan	2.35 238	eP	Pn	23 57 48.8 +1.0
TPUB	Ta-pu	2.38 242	eP	Pn	23 57 48.9 +0.8
TPUB			eS	Sn	23 58 17.5 +0.7
CHN4	Tsashan	2.39 243	eP	Pn	23 57 49.8 +1.6
CHN4			eS	Sn	23 58 19.6 +2.7
WTP	Ta-pu	2.42 241	eP	Pn	23 57 50.4 +1.8
WTP			eS	Sn	23 57 51.3 +1.4
CHN1	Nanshi	2.52 241	eP	Pn	23 57 51.9 +2.0
CHN1			eS	Sn	23 58 22.6 +2.6
MASBT	Mashibuluo	2.78 229	eP	Pn	23 57 53.7 +0.4
MASBT			eS	Sn	23 58 24.4 -1.7
VWUC	VWUC	3.20 281	eP	Pn	23 57 58.4 -0.6
VWUC			eS	Sn	23 58 31.5 -4.7

ISC 24 00:04:15.6.1.1, 34:27N.25:08E, h0km, mb4.0/6,
 mb1.4/0/12, mb1mx3.8/38, mbtmp3.9/12, ML3.6/7, Error
 ellipse: s-maj=23.7km s-min=19.0km az=161.0
 GII 24 00:04:16.5.0.0, 34:08N.25:39E, h8km, MD3.3/1
 ISK 24 00:04:18.8.3.14N.25:07E, h79km, ML3.6/12
 ATH 24 00:04:19.2.34:26N.25:12E, h18km, 4km, ML3.3/4, Error
 ellipse: s-maj=5.5km s-min=1.6km az=2.0
 THE 24 00:04:19.8.34:29N.25:09E, h0km, 1km, ML3.1/12, Error
 ellipse: s-maj=2.1km s-min=0.6km az=175.0
 HLW 24 00:04:23.8.34:09N.25:46E, h33km, 36km, MD3.9, ML3.6
 ISC 24 00:04:17.0.1.2, 34:06N.0:03:25.12E.0:03, h24km, 10km,
 n86, r188/117, mb4.1/6, Crete

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
				h m s	ISC
SIVA	Sivas	0.99 345	Op P	00 04 34.7 -0.7	Pn
SIVA			S	00 04 46.4 -2.3	Sn
SIVA	5um, 0.6s	0.99 345	P	00 04 34.7 -0.7	Pn
SIVA			S	00 04 44.9 -3.8	Sn
SIVA	comp=E, 11809um, 0.4s		AML	00 04 53.1	AML
SIVA	comp=N, 8957um, 0.7s		AML	00 04 53.3	AML
TMBK	Timbaki Herakl	1.06 344	P	00 04 36.2 -0.4	Pn
TMBK			S	00 04 49.1 -1.1	Sn
FRMA	Ierapetra Chan	1.08 28	P	00 04 37.7 +0.7	Pn
FRMA			S	00 04 53.5 +2.7	Sn
LAST	Lasithi	1.14 15	P	00 04 37.2 -0.9	Pn
LAST			Sb	00 04 52.3 -0.3	Sb
LAST	comp=N, 768nm, 0.5s		P	00 04 37.2 -0.9	Pn
LAST	Lasithi	1.14 15	P	00 04 51.5 -1.0	Pn
LAST			AML	00 04 58.2	AML
LAST	comp=E, 1472um, 0.6s		AML	00 05 01.3	AML
GVD	Gavdhos	1.16 313	P	00 04 39.0 +0.7	Pn
GVD			Sb	00 04 53.6 +0.7	Sb
GVD	comp=N, 2um, 0.7s		P	00 04 39.1 +0.9	Pn
GVD	Gavdhos	1.16 313	P	00 04 53.2 +0.4	Pn
GVD			AML	00 04 58.9	AML
GVD	comp=N, 5222um, 0.6s		AML	00 05 07.4	AML
GVD	comp=E, 3927um, 0.4s		PG	00 04 39.2 +0.9	Pn
GVD	Gavdos	1.16 313	SG	00 04 54.5 +1.6	Pn
GVD			Sb	00 04 39.5 +1.2	Sb
GVD	GVD	1.16 313	P	00 04 53.9 +1.0	Pn
GVD			Sb	00 04 39.6 -0.4	Sb
HRKL	Herakleio	1.25 359	P	00 04 54.4 -0.7	Pn
HRKL			S	00 04 54.7 -0.7	Sn
NPS	Neapolis	1.27 19	P	00 04 39.4 -0.8	Pn
NPS			Sb	00 04 56.2 0.0	Sb
NPS	comp=E, 842nm, 0.7s		P	00 04 39.5 -0.8	Pn
NPS	Neapolis	1.27 19	P	00 04 42.6 +0.2	Pn
ZKR	Zakros	1.39 40	P	00 05 01.5 +1.8	Pn
ZKR			S	00 05 06.8	AML
ZKR	comp=E, 732nm, 0.4s		P	00 04 42.5 +0.2	Pn
ZKR	Zakros	1.39 40	P	00 05 00.4 +0.7	Pn
ZKR			AML	00 05 06.8	AML
ZKR	comp=E, 1604um, 0.4s		AML	00 05 08.2	AML
ZKR	comp=N, 1010um, 0.4s		PN	00 04 42.5 +0.2	Pn
ZKR	Zakros	1.39 40	PN	00 05 01.1 +1.4	Pn
STIA	Sitia Lasithi	1.40 35	P	00 04 53.4 +0.9	Pn
STIA			Sb	00 04 53.0 -0.5	Sb
VAM	Vamos	1.55 331	P	00 04 44.5 -0.5	Pn
VAM			Sb	00 05 03.5 -0.6	Sb
VAM	comp=N, 872nm, 0.5s		P	00 04 44.7 -0.2	Pn
VAM	Vamos	1.55 331	P	00 05 03.8 -0.3	Pn
VAM			Sb	00 04 47.0 0.0	Sb
KNDR	Palaiochora Ch	1.67 315	P	00 04 47.4 +0.1	Pn
IMMV	Iera Moni Meta	1.69 327	P	00 05 07.4 -0.7	Pn
IMMV			S	00 04 47.7 +0.4	Pn
IMMV	comp=N, 630nm, 0.5s		PN	00 04 47.2 -0.1	Pn
IMMV	Iera Moni Meta	1.69 327	PN		

WUAZ	Wupatki	91.09	49	P	P	00 38 47.8 +2.0
WUAZ	Wupatki	91.09	49	Iamb	Iamb	00 38 49.2
ACLC	CERRO LA CRUZ	91.16	126	eP	P	00 38 47.7 +1.2
X18A	Snowflake	91.42	50	Iamb	Iamb	00 38 51.0
F04D	Rainier, OR	91.45	35	P	P	00 38 48.4 +1.4
KLR	Kulder	91.47	330C	iP	P	00 38 46.9 -0.1
KLR				pmax	pmax	
KLR				MLR	MLR	
UTHA	Uthaitani	91.59	287	P	P	00 38 50.1 +1.8
TCA	Tanti	91.62	128	eP	P	00 38 36.0 -1.2
121A	Cookes Peak, D	91.69	53	P	P	00 38 50.4 +1.7
121A	Cookes Peak, D	91.69	53	Iamb	Iamb	00 38 52.2
G05D	Wamic, OR	91.70	36	P	P	00 38 49.2 +0.9
GYA	Gutiang	91.75	300	iP	P	00 38 49.3 +0.2
GYA				pp	pp	00 38 58.5 -2.2
GYA				pp	pp	00 42 33.5 +4.9
GYA				S	S	00 49 45.8 -1.3
GYA				pmx	pmx	
GYA				LR	LR	
GYA				LR	LR	
GYA				LR	LR	
ENH		91.84	304	IAMS_20	IAMS_20	01 10 08.4
W18A	Petrified Fore	91.92	50	P	P	00 38 51.4 +1.7
NLWA	Neilton Lookou	91.97	33	Iamb	Iamb	00 38 52.3
E04D	Cinebar	92.00	35	P	P	00 38 50.8 +1.3
ELK	Elko	92.01	43	Iamb	Iamb	00 38 52.5
ELK				IAMS_20	IAMS_20	01 12 14.0
F05D	White Salmon	92.08	36	P	P	00 38 51.1 +1.2
D04E	Lakebay	92.34	34	P	P	00 38 52.8 +1.8
D03D	Eldon	92.44	34	P	P	00 38 52.8 +1.3
LON	Longrite	92.51	35	Iamb	Iamb	00 38 54.1
CYA	Choya	92.55	125	eP	P	00 38 53.7 +0.9
TX31	Lajitas Ar. Si	92.76	57	Iamb	Iamb	00 38 56.6
TX32	Lajitas Array	92.76	57	Iamb	Iamb	00 38 56.6
TXAR	Lajitas Array	92.76	57	P	P	00 38 54.3 +0.7
TXAR				pp	pp	00 42 37.1 +0.7
TXAR				PP	PP	00 56 06.0 +1.0
TXAR				LR	LR	01 14 25.8
TXAR				PP	PP	00 38 54.1 +0.5
TXAR				PP	PP	00 42 36.3 -0.1
CNPM	China Poot	92.85	13	IAMS_20	IAMS_20	01 11 10.6
MNTX	Cornudas Mount	92.87	55	P	P	00 38 55.1 +1.1
MNTX	Cornudas Mount	92.87	55	Iamb	Iamb	00 38 56.5
PGC	Sidney	93.06	33	Iamb	Iamb	00 38 56.9
DUG	Dugway, Tooele	93.09	44	P	P	00 38 55.8 +0.9
BRLK	Bradley Lake	93.14	13	Iamb	Iamb	00 39 00.6
PAYA	Payao	93.22	291	P	P	00 38 59.2 +3.3
BJT	Bajitatuau	93.25	315	IAMS_20	IAMS_20	01 16 28.9
BJI	Beijing	93.26	315	eP	P	00 38 56.8 +1.3
BJI				S	S	00 50 03.9 +4.3
BJI				pmx	pmx	
BJI				LR	LR	
BJI				LR	LR	
BJI				LR	LR	
E07A	Sunnyside	93.35	36	Iamb	Iamb	00 38 58.4
NNA	Nana	93.35	106	P	P	00 38 58.1 +1.4
NNA	Nana	93.35	106	P	P	00 38 57.0 +0.3
NNA	Nana	93.35	106	P	P	00 38 58.5
HAWA	Hanford	93.40	36	Iamb	Iamb	00 38 58.4
LTY	Liberty	93.42	35	Iamb	Iamb	00 38 58.4
B05A	Bryant	93.43	34	P	P	00 38 57.6 +1.5
A04D	Lummil Island	93.46	33	P	P	00 38 58.1 +1.9
CMAR	Chiang Mai Arr	93.50	289	P	P	00 38 57.8 +0.6
CMAR				LR	LR	01 22 06.7
CMAR				LR	LR	00 42 42.1 -0.1
CMAR				PP	PP	00 56 04.2 +1.8
CMAR				PP	PP	00 56 04.2 +1.8
CMAR				LR	LR	01 22 06.7
CMAR				pmx	pmx	00 38 57.9 +0.7
CMAR				pmx	pmx	
CMAR				pmx	pmx	
BMO	Blue Mountains	93.50	289	P	P	00 38 57.3 +0.1
BBB	Bella Bella	93.63	28	Iamb	Iamb	00 38 59.5
E08A	Dierdarm, El	93.71	36	Iamb	Iamb	00 38 59.8
LVC	Limon Verde	93.74	119	P	P	00 39 00.5 +1.8
LVC	Limon Verde	93.74	119	P	P	00 38 58.6 -0.2
LVC	Limon Verde	93.74	119	Iamb	Iamb	00 39 02.8
AHML	Horco Mollo	93.88	124	eP	P	00 39 01.3 +2.3
MVCO	Mesa Verde	93.97	49	P	P	00 38 59.9 +0.7
ANMO	Albuquerque	93.99	51	P	P	00 39 00.7 +1.5
ANMO	Albuquerque	93.99	51	eP	P	00 39 00.4 -1.1
ANMO				pmx	pmx	
ANMO				MLR	MLR	
ANMO				MLR	MLR	
KMI	Kunming	94.00	297	P	P	00 38 59.9 +0.6
KMI				pmx	pmx	00 38 59.9 +0.3
KMI				LR	LR	
KMI				LR	LR	
KMI				LR	LR	
F10A	Beach Ranch, E	94.31	38	Iamb	Iamb	00 39 01.8
PV18	Skein Mesa, Pa	94.31	48	IAMS_20	IAMS_20	01 10 30.6
PV16	Nyswonger Mesa	94.35	48	IAMS_20	IAMS_20	01 12 12.5
PV03	Paradox Valley	94.36	48	IAMS_20	IAMS_20	01 15 16.7
XAN	Xi'an	94.38	307	P	P	00 39 02.3 +1.4
XAN				pmx	pmx	
XAN				pmx	pmx	

PLID	Pearl Lake	94.39	39	Iamb	Iamb	00 39 02.9
PLID				IAMS_20	IAMS_20	01 22 46.6
PV04	Paradox Valley	94.40	47	IAMS_20	IAMS_20	01 19 07.9
PV21	Cone Mtn., Par	94.46	47	IAMS_20	IAMS_20	01 16 11.4
RC01	Rabbit Creek A	94.59	13	Iamb	Iamb	00 39 07.0
SUA	Susitna One	94.74	13	IAMS_20	IAMS_20	01 12 48.4
PB11	POC Station P	94.81	116	Iamb	Iamb	00 39 07.1
GLI	Glacier Island	94.95	15	IAMS_20	IAMS_20	01 12 35.1
C09A	Christman Ranch	94.99	36	IAMS_20	IAMS_20	01 12 35.1
SKT	Skwentna	95.07	12	IAMS_20	IAMS_20	01 17 29.1
MMNC	Minye Minye	95.22	116	P	P	00 39 08.1 +2.6
833A	Chaparral WMA,	95.35	60	P	P	00 39 07.1 +1.7
S22A	4UR Ranch, Cre	95.36	49	P	P	00 39 07.2 +1.6
GHO	Glory Hole Cre	95.37	13	Iamb	Iamb	00 39 05.8
AHID	Auburn Hatcher	95.69	43	Iamb	Iamb	00 39 09.3
AHID				IAMS_20	IAMS_20	01 13 49.4
O20A	White River Ci	95.84	46	P	P	00 39 08.9 +1.2
NEW	Newport	95.87	36	IAMS_20	IAMS_20	01 19 57.6
MSX	Muleshoe	95.96	54	P	P	00 39 09.1 +0.8
SNST	Serv Nac Est T	95.96	78	IAMS_20	IAMS_20	01 11 52.7
REDW	Red Top Meadow	96.19	43	Iamb	Iamb	00 39 11.5
JCT	Junction City	96.19	58	P	P	00 39 09.7 +0.4
JCT	Junction City	96.19	58	IAMS_20	IAMS_20	01 13 38.4
TPAW	Teton Pass	96.21	42	Iamb	Iamb	00 39 11.9
TPAW				IAMS_20	IAMS_20	01 13 53.3
SDCO	Great Sand Dun	96.22	50	P	P	00 39 10.2 +0.6
SNOW	Snow King Moun	96.31	43	Iamb	Iamb	00 39 12.2
SNOW				IAMS_20	IAMS_20	01 14 23.8
CD2	Chengdu	96.31	302	eP	P	00 39 10.5 +0.7
CD2				pmx	pmx	
IMW	Indian Meadow	96.47	42	Iamb	Iamb	00 39 12.9
SEY	Seymchan	96.50	347	iP	P	00 39 10.9 +1.1
HHC	Hu-ho-hao-te	96.56	314	eP	P	00 39 13.3 +2.5
BW06	Boulder Array	96.59	44	IAMS_20	IAMS_20	01 14 58.5
PDAR	Pinedale Array	96.59	44	P	P	00 39 11.1 +0.1
PDAR				PP	PP	00 43 06.0 -0.2
PDAR				PP	PP	00 55 54.9 -0.7
PDAR				PP	PP	00 39 10.0 -1.1
PDAR				PP	PP	00 39 12.1 +0.9
MSO	Missoula	96.60	38	P	P	00 39 12.4 +1.5
MSO	Missoula	96.60	38	IAMS_20	IAMS_20	01 13 46.2
KTH	Kantishna Hill	96.63	12	IAMS_20	IAMS_20	01 15 58.4
TRF	Thorfare Moun	96.65	12	Iamb	Iamb	00 39 16.1
ZEZ	Zeya	96.69	331	eP	P	00 39 10.8 -0.1
FLZY				pmx	pmx	
FLZY				pmx	pmx	
SKAG	Skagway	96.78	20	IAMS_20	IAMS_20	01 14 03.0
RND	Reindeer	96.88	13	Iamb	Iamb	00 39 17.9
H17A	Grant Village	96.97	42	P	P	00 39 14.4 +1.7
H17A	Grant Village	96.97	42	IAMS_20	IAMS_20	01 14 12.3
MCK	McKinley	97.16	13	Iamb	Iamb	00 39 27.8
MCK				IAMS_20	IAMS_20	01 13 49.3
LKWY	Lake	97.18	42	IAMS_20	IAMS_20	01 20 29.7
RWWY	Rawlins	97.38	46	IAMS_20	IAMS_20	01 14 52.5
ABTX	Abilene, Hawle	97.44	56	P	Pdf	00 39 15.4 +0.5
BWN	Browne	97.46	12	IAMS_20	IAMS_20	01 16 45.2
N23A	Red Feather La	97.71	47	P	Pdf	00 39 17.5 +1.2
TGUH	Tegucigalpa, Un	97.79	78	IAMS_20	IAMS_20	01 12 49.2
JTS	Las Juntas de	97.89	83	IAMS_20	IAMS_20	01 15 54.0
NEA	Nenana	97.90	12	IAMS_20	IAMS_20	01 16 37.4
435B	Jarrell	97.98	59	IAMS_20	IAMS_20	01 14 21.7
WRH	Wood River Hill	97.99	13	Iamb	Iamb	00 39 17.1
LPAZ	La Paz	97.99	114	P	Pdf	00 39 19.7 +1.1
LPAZ				LR	LR	01 13 35.3
WALA	Waterton Lakes	98.02	37	Iamb	Iamb	00 43 01.2
DOT	Dot Lake	98.07	15	Iamb	Iamb	00 39 18.1
BCAR	Beaver Creek A	98.07	16	P	Pdf	00 39 17.4 +0.4
HDA	Harding Lake	98.15	13	Iamb	Iamb	00 39 17.4
RLMT	Red Lodge	98.16	42	P	Pdf	00 39 19.0 +1.0
CCB	Clear Creek Bu	98.20	13	Iamb	Iamb	00 39 33.0
K22A	Casas Grandes	98.35	45	P	Pdf	00 39 19.8 +0.9
IMAR	Indian Mountai	98.44	10	P	Pdf	00 39 18.5 0.0
ILAR	Eielson Array	98.49	13	P	P	00 39 17.8 -0.9
ILAR				PP	PP	00 55 46.2 -4.6
ILAR				PP	PP	00 55 46.2 -4.6
ILAR				LR	LR	01 21 45.7
ILAR				LR	LR	00 39 17.0 -1.7
ILAR				P	Pdf	00 39 22.6 +3.0
LZH	Lanzhou	98.98	307	eP	Pdf	00 39 23.8 +1.9
LZH				pp	pp	00 39 34.3 +0.8
LZH				sp	sp	00 39 38.6 +0.8
LZH				pmx	pmx	
LZH				pmx	pmx	
LZH				LR	LR	
LZH				LR	LR	
RDOG	Red Dog Mine	99.36	6	IAMS_20	IAMS_20	01 17 10.2
BILL	Billbino	99.39	354	eP	Pdf	00 39 23.9 +1.3
BILL				pmx	pmx	
BILL				MLR	MLR	

BILL	Billbino	99.39	354	IAMS_20	IAMS_20	01 23 24.4
ESPN	Las Esperanzas	99.39	81	IAMS_20	IAMS_20	01 18 53.6
CPUP	CPUP	99.71	129	P	Pdf	00 39 27.9 +2.6
CPUP				PKKPbc	PKKPbc	00 55 44.4 -1.0
CPUP				LR	LR	01 16 40.9
RSSD	Black Hills	100.67	45	P	Pdf	00 39 30.4 +1.1
RSSD	Black Hills	100.67	45	IAMS_20	IAMS_20	01 16 24.6
BMAR	Burnt Mountain	101.28	13	P	Pdf	00 39 31.3 +0.1
TOLK	Toolik Lake Re	101.52	10	P	Pdf	00 39 34.6 +2.3
TUL1	Leonard	101.86	55	IAMS_20	IAMS_20	01 17 41.1
SHL	Shilling	102.70	292	IAMS_20	IAMS_20	01 31 29.3
WLAR	White Oak Lake	102.71	58	IAMS_20	IAMS_20	01 23 44.9
DGMT	Dagmar	102.92	41	IAMS_20	IAMS_20	01 19 27.5
W39A	Magazine	102.94	57	IAMS_20	IAMS_20	01 21 28.0
ULN	Ulanbataar	103.13				

24d Oh

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like WVVY West Valley, N 116.67 55 IAMS_20 IAMS_20 01 32 54.1, M56A Emporium 116.67 56 P PKIKP 00 44 26.0 +0.9, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like I62A Tamworth 122.19 55 P PKIKP 00 44 36.0 +0.3, UCH Uchter 122.24 303 P PKPfd 00 44 36.1 -0.2, F60A Warwick 122.24 52 P PKIKP 00 44 35.7 0.0, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes entries like MAK Makhachkala 142.07 301 eP Pdif 00 42 31.0 -2.1, MAK MAK 00 45 11.7 0, MAK MAK 00 48 16.9 0, etc.

24d 1h

IDC 24 00:37:20.0.0.6, 2.07S, 79.52W, h112km, 7m, mb3.5/6, mb1 3.9/9, mb1mx3.6/31, mbtmp4.0/9, Error ellipse: s-maj=33.1km s-min=13.5km az=54.0

IGQ 24 00:37:20.0.0.4, 2.3S, 8.0W, h7km, Mjima4.3, ML5.0, MLV4.6

ISC 24 00:37:20.0.0.6, 2.07S, 0.05, 79.64W, 0.06, h98km, 6km, n102, s1983/111, mb4.4/15, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

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POHA Pohakuloa 77.44 291 P 00 49 09.8 +4.2

THE 24 00:49:39.0, 34.44N, 23:57E, h14km, 3km, ML2.8/3, Error ellipse: s-maj=5.1km s-min=1.3km az=105.0

ATH 24 00:49:45.2, 34.82N, 23:79E, h17km, 7km, ML2.6/2, Error ellipse: s-maj=8.5km s-min=2.1km az=98.0, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for POHA and ATH events.

IDC 24 01:22:59.1+2.3, 24.11N, 93.29E, h0km, mb3.4/4, s-maj=3.7/4, mb1mx3.4/27, mbtmp3.4/4, Error ellipse: s-maj=92.0km s-min=24.8km az=71.0

ISCJJB 24 01:23:07.1, 0.6, 24.63N, 0:04, 93:28E, 0:06, h7km, 6km, Error ellipse: s-maj=8.4km s-min=6.6km az=171.3

NDI 24 01:23:07.1, 0.2, 24.65N, 93:34E, h32km, 9km, ML3.0

ISC 24 01:23:07.1, 0.2, 24.65N, 0:05, 93:31E, 0:07, h68km, 10km, n18, s129/25, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their data points.

ISCJJB 24 01:25:33.0, 0.7, 42.94N, 0:09, 139:7E, 0:1, h222km, 5km, mb3.4/4, Error ellipse: s-maj=17.7km s-min=9.9km az=143.7

JMA 24 01:25:33.9, 0.2, 42.99N, 139:65E, h212km, 2km, M3.2

IDC 24 01:25:33.3, 0.1, 42.98N, 139.42E, h219km, 31km, mb3.3/4, mb1 3.5/5, mb1mx3.1/27, mbtmp3.9/5, Error ellipse: s-maj=46.9km s-min=15.0km az=100.0

ISC 24 01:25:33.9, 1.0, 42.95N, 0:09, 139:71E, 0:09, h215km, 7km, n17, s664/22, mb3.5/4, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for JMA and ISC events.

BJJ 24 01:37:30.8, 0.0, 51.18N, 157:50E, h150km, mb4.7/32, m85.1/26

KRSC 24 01:37:33.0, 1.7, 50.93N, 157:08E, h153km, 12km, ML5.7, FELT (III-IV) at Severo-Kuril'sk; (III) at lighthouse Krugly; (II) at lighthouse Kurbatova, Zaporozhye.

MOS 24 01:37:33.8, 0.9, 50.96N, 156:78E, h144km, mb4.6/34, Error ellipse: s-maj=7.5km s-min=3.0km az=77.2

MOS Felt (III-IV) at Severo-Kuril'sk; (II) at Zaporozhye. ISCJJB 24 01:37:34.9, 0.2, 51.07N, 0:02, 156:82E, 0:03, h152km, 1km, mb4.7/94, Error ellipse: s-maj=4.1km s-min=2.2km az=156.2

SKHL 24 01:37:35.3, 0.2, 50.95N, 157:00E, h140km, 7km, mb5.9/3, s-maj=5.9km s-min=6.0km az=71.4

SKHL Felt (III-IV) at Severo-Kuril'sk. NEIC 24 01:37:35.7, 1.4, 51.12N, 0:07, 156:7E, 0:1, h146km, 4km

1200

mb5.0/423 IDC 24 01:37:36.0, 0.5, 51.16N, 156:70E, h144km, 4km, mb4.4/31, mb1 4.6/37, mb1mx4.6/41, mbtmp4.8/37, MS3.8/5, Ms1 3.8/5, ms1mx3.3/46, Error ellipse: s-maj=10.2km s-min=7.3km az=149.0

GCMT 24 01:37:36.7, 0.2, 51.00N, 0:01, 157:13E, 0:02, h123km, 2km, MW5.2/102, Moment Tensor Solution.

s44, c52; s102, c169; Duration: 0 Moment Tensor: Scale 1016Nm; Mn=0.65±.18; Mw=1.62±.21; Mb=0.97±.19; Mw=4.48±.13; Mb=5.32±.17; Mw1.62±.12; Best double couple: M7, 25100, 1016, 1.11±.264, 0.00000, 684.00000, 1-140.00000, NP2=, 169.00000, 350.00000, 1-8.00000. Principal axes: T, 6.8240, P, 2.8220, Azm30.0000, N, 0.8530, P, 1565.0000, Azm271.0000; P -7.6790, P, 1632.0000, Azm135.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 01:37:35.0, 0.4, 50.98N, 0:04, 156:92E, 0:04, h143km, 2km, h143km, pP, n1166, s1913/1091, mb4.9/285, 41C-23D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their data points.

KIL	Karymskiy	3.43	26	PN	Pn	01 38 28.8 +1.2
KZV	Kizim	4.62	25	eS	Sn	01 39 08.4 +0.0
KZV	Kizimen	4.62	25	eS	Sn	01 38 43.7 +0.5
KZV	Kizimen	4.62	25	eS	Sn	01 39 37.6 +1.3
KZV	Kizimen	4.62	25	eS	Sn	01 38 43.7 +0.5
TUMD	Tumrok D	4.72	25	eS	Sn	01 38 44.9 +0.4
TUMD	Tumrok	4.72	25	eS	Sn	01 39 34.9 +0.7
TUMR	Tumrok	4.73	23	eS	Sn	01 38 45.8 +1.1
TUMR	Tumrok	4.73	23	eS	Sn	01 39 39.6 +0.6
TUMR	Tumrok	4.73	23	eS	Sn	01 39 44.9 +0.2
TUMR	Tumrok	4.73	23	eS	Sn	01 38 57.6 +1.3
ESO	Esso	5.07	11	PN	Pn	01 38 50.1 +1.0
ESO	Esso	5.07	11	PN	Pn	01 39 49.1 +2.2
ESO	Esso	5.07	11	PN	Pn	01 38 50.1 +1.0
ESD	Esso	5.07	11	PN	Pn	01 39 49.1 +2.2
KMINR	Kamenistaya	5.18	21	PN	Pn	01 38 51.9 +1.2
KMINR	Kamenistaya	5.18	21	PN	Pn	01 38 51.9 +1.2
KPT	Kopyto	5.37	20	eP	Pn	01 38 53.7 +0.5
KPT	Kopyto	5.37	20	eP	Pn	01 38 53.7 +0.5
KOZ	Kozyrevsk	5.38	18	eP	Pn	01 38 53.8 +0.5
KOZ	Kozyrevsk	5.38	18	eP	Pn	01 38 53.8 +0.5
KIRSR	Kirishev	5.39	21	eP	Pn	01 38 54.0 +0.6
KIRSR	Kirishev	5.39	21	eP	Pn	01 38 54.0 +0.6
BZWR	Bezmyanni-We	5.43	22	eP	Pn	01 38 54.8 +0.7
BZWR	Bezmyanni-We	5.43	22	eP	Pn	01 38 54.8 +0.7
BZGR	Bezmyanni-Gr	5.46	23	eP	Pn	01 38 56.0 +1.6
BZGR	Bezmyanni-Gr	5.46	23	eP	Pn	01 38 56.0 +1.6
ZLN	Zelenaya	5.55	23	PN	Pn	01 38 57.9 +1.9
ZLN	Zelenaya	5.55	23	PN	Pn	01 38 57.9 +1.9
SRDR	Sredinnyy	5.60	16	eP	Pn	01 38 57.0 +0.8
SRDR	Sredinnyy	5.60	16	eP	Pn	01 38 57.0 +0.8
KRSR	Krestovskiy	5.68	21	iP	Pn	01 38 57.7 +0.4
KRSR	Krestovskiy	5.68	21	iP	Pn	01 38 57.7 +0.4
KLY	Klyuchi	5.79	21	PN	Pn	01 39 00.2 +1.6
KLY	Klyuchi	5.79	21	PN	Pn	01 39 00.2 +1.6
BDR	Baidarnaya	6.15	23	eP	Pn	01 39 04.2 +0.7
BDR	Baidarnaya	6.15	23	eP	Pn	01 39 04.2 +0.7
SRKR	Sorokina	6.22	22	PN	Pn	01 39 05.1 +0.7
SRKR	Sorokina	6.22	22	PN	Pn	01 39 05.1 +0.7
SMKR	Semkarok	6.23	24	iP	Pn	01 39 05.5 +0.9
SMKR	Semkarok	6.23	24	iP	Pn	01 39 05.5 +0.9
KBTR	Krutoberegovo	6.31	32	iP	Pn	01 39 04.8 -0.8
KBTR	Krutoberegovo	6.31	32	iP	Pn	01 39 04.8 -0.8
KBTR	Krutoberegovo	6.31	32	iP	Pn	01 40 11.7 -4.7
KBTR	Krutoberegovo	6.31	32	iP	Pn	01 39 04.8 -0.8
KBG	Krutoberegovo	6.31	31	PN	Pn	01 39 04.8 -0.7
KBG	Krutoberegovo	6.31	31	PN	Pn	01 39 04.8 -0.7
KBG	Krutoberegovo	6.31	31	PN	Pn	01 39 04.0 -1.5
KBG	Krutoberegovo	6.31	31	PN	Pn	01 39 07.0
KBG	comp=Z,2um,0.4s			AMB	AMB	01 40 13.0 -3.4
KBG	comp=Z,3um,2.0s			A	A	01 40 15.0
KBG	comp=Z,3um,2.0s			A	A	01 40 15.0
KBG	comp=Z,2um,0.7s			A	A	01 40 19.0
KBG	comp=Z,2um,0.7s			A	A	01 40 19.0
BKI	Bering	6.90	49	eP	Pn	01 39 12.2 -1.3
BKI	Bering	6.90	49	eP	Pn	01 40 22.3 -8.4
BKI	Bering	6.90	49	PN	Pn	01 39 12.2 -1.3
PALN	Palana	8.31	11	eP	Pn	01 39 33.0 +0.6
PALN	Palana	8.31	11	PN	Pn	01 39 33.0 +0.6
KUR	Kuril'sk	8.35	2300	iP	Pn	01 39 34.3 +1.4
KUR	Kuril'sk	8.35	2300	iP	Sn	01 41 07.9 +2.3
KUR	comp=Z,202nm,0.8s			pmx	pmx	
KUR	comp=N,106nm,0.9s			pmx	pmx	
KUR	comp=E,99nm,1.1s			smx	smx	
KUR	comp=N,162nm,1.1s			smx	smx	
KUR	comp=E,89nm,0.9s			smx	smx	
KUR	Kuril'sk	8.35	2300	iP	Pn	01 39 34.0 +1.1
KUR	comp=E,750nm,2.0s			AMB	AMB	01 39 36.0
KUR	comp=E,220nm,0.8s			AMB	AMB	01 39 54.0
KUR	comp=E,510nm,0.9s			A	A	01 41 04.0 -1.6
KUR	comp=E,204nm,0.9s			A	A	01 41 12.0
KUR	comp=E,1um,2.0s			A	A	01 41 12.0
KUR	comp=E,1um,2.0s			A	A	01 41 12.0
OKH	Okha	8.96	292d	iP	Pn	01 39 42.1 +1.1
OKH	Okha	8.96	292d	iP	Sn	01 41 22.3 +2.1
OKH	comp=Z,300nm,9.5s			pmx	pmx	
OKH	comp=N,600nm,8.9s			smx	smx	
OKH	comp=Z,800nm,11.0s			MLR	MLR	
OKH	Okha	8.96	292	iP	Pn	01 39 42.0 +1.1
OKH	Okha	8.96	292	iP	Sn	01 41 17.0 -3.2
OKH	comp=Z,890nm,3.0s			A	A	01 41 32.0
OKH	comp=Z,740nm,3.0s			A	A	01 41 32.0
OSSR	Ossora	9.00	21	eP	Pn	01 39 42.5 +1.0
OSSR	Ossora	9.00	21	PN	Pn	01 39 42.5 +1.0
TYV	Tymovskoe	9.01	275	eP	Pn	01 39 45.0 +3.2
TYV	Tymovskoe	9.01	275	eP	Sn	01 41 23.3 +1.7
TYV	comp=Z,55nm,0.9s			pmx	pmx	
TYV	comp=Z,400nm,3.2s			pmx	pmx	
TYV	comp=E,13nm,1.1s			smx	smx	
MA2	Magadan	9.30	340	P	Pn	01 39 45.0 -0.6
MA2	Magadan	9.30	340	eP	Pn	01 39 46.6 +1.1
MA2	Magadan	9.30	340	eP	PN	01 39 45.0 -0.6
MA2	Magadan	9.30	340	eP	PN	01 39 46.6 +1.1
UGL	Uglegorsk	9.75	265	eP	Pn	01 39 55.7 +4.1
UGL	Uglegorsk	9.75	265	eP	Sn	01 41 43.3 +4.0
UGL	comp=Z,71nm,1.1s			smx	smx	
UGL	comp=N,62nm,0.9s			smx	smx	
UGL	comp=E,1um,6.9s			smx	smx	
YSS	Yuzh-Sakhalins	10.14	252d	eP	Pn	01 39 58.5 +1.6
YSS	Yuzh-Sakhalins	10.14	252d	eP	Sn	01 41 49.1 +0.1
YSS	comp=Z,70nm,1.1s			pmx	pmx	
YSS	comp=N,70nm,1.3s			pmx	pmx	
YSS	comp=E,90nm,1.0s			pmx	pmx	
YSS	comp=Z,800nm,6.3s			MLR	MLR	
YSS	comp=Z,400nm,11.0s			MLR	MLR	
YSS	Yuzh-Sakhalins	10.14	252	eP	Pn	01 39 57.0 +0.1
YSS	Yuzh-Sakhalins	10.14	252	eP	AMB	01 40 00.0
YSS	comp=Z,800nm,6.0s			AMB	AMB	01 40 00.0
YSS	comp=Z,70nm,0.9s			AMB	AMB	01 40 00.0
YSS	Yuzh-Sakhalins	10.14	252	eS	Sn	01 41 45.0 -4.0
YSS	Yuzh-Sakhalins	10.14	252	eS	Sn	01 39 56.8 -0.1
YUK	Yuzh-Kuril'sk	10.20	231	eP	Pn	01 39 55.9 -1.7
YUK	Yuzh-Kuril'sk	10.20	231	eP	PN	01 39 55.9 -1.7
YUK	comp=Z,568nm,0.5s			pmx	pmx	
YUK	comp=E,153nm,0.3s			pmx	pmx	
YUK	comp=N,149nm,0.5s			pmx	pmx	
YUK	Yuzh-Kuril'sk	10.20	231	eP	Pn	01 39 56.0 -1.7
YUK	comp=N,149nm,0.5s			AMB	AMB	01 39 59.0
YUK	comp=N,153nm,0.5s			AMB	AMB	01 39 59.0

YUK	comp=N,568nm,0.5s			eS	Sn	01 41 46.0 -4.3
YUK	comp=N,700nm,2.5s			A	A	01 41 48.0
YUK	comp=N,670nm,2.5s			A	A	01 41 48.0
LAGR	Lagunnoye	10.22	232	eP	PN	01 39 56.4 -1.5
LAGR	Lagunnoye	10.22	232	eP	Sn	01 41 44.8 -6.1
LAGR	comp=Z,267nm,0.4s			pmx	pmx	
LAGR	comp=N,170nm,0.2s			pmx	pmx	
LAGR	comp=E,108nm,0.2s			pmx	pmx	
LAGR	Lagunnoye	10.22	232	eP	Pn	01 39 56.0 -1.9
LAGR	Lagunnoye	10.22	232	eP	AMB	01 39 59.0
LAGR	comp=E,170nm,0.4s			AMB	AMB	01 39 59.0
LAGR	comp=E,108nm,0.4s			AMB	AMB	01 39 59.0
LAGR	comp=E,267nm,0.4s			AMB	AMB	01 39 59.0
LAGR	Nikolayevsk	10.23	289	eS	Pn	01 41 45.0 -5.9
NKL	Nikolayevsk	10.23	289	eS	PN	01 39 58.9 +0.9
NKL	comp=N,7.0nm,0.8s			pmx	pmx	
NKL	comp=E,8.0nm,1.0s			pmx	pmx	
NKL	comp=Z,26nm,1.0s			MLR	MLR	
NKL	comp=N,35nm,14.0s			MLR	MLR	
NKL	comp=Z,352nm,15.0s			MLR	MLR	
NKL	Nikolayevsk	10.23	289	eP	Pn	01 39 58.0 0.0
NKL	Nikolayevsk	10.23	289	eP	AMB	01 40 02.0
NKL	comp=Z,6.0nm,1.0s			AMB	AMB	01 40 02.0
NKL	comp=Z,7.0nm,1.0s			AMB	AMB	01 40 02.0
NKL	comp=Z,25nm,1.0s			AMB	AMB	01 39 58.0 -0.6
GRPR	Tuman	10.28	231	iP	Pn	01 39 58.0 -0.6
GRPR	Tuman	10.28	231	iP	PN	01 39 58.0 -0.6
GRPR	comp=N,105nm,0.3s			pmx	pmx	
GRPR	comp=E,141nm,0.3s			pmx	pmx	
GRPR	comp=Z,358nm,0.3s			pmx	pmx	
GRPR	Tuman	10.28	231	iP	Pn	01 39 58.0 -0.6
GRPR	Tuman	10.28	231	iP	AMB	01 40 00.0
GRPR	comp=Z,105nm,0.3s			AMB	AMB	01 40 00.0
GRPR	comp=Z,141nm,0.3s			AMB	AMB	01 40 00.0
GRPR	comp=Z,358nm,0.3s			AMB	AMB	01 40 00.0
GRPR	Nemuro-Hokkai	10.76	229	iP	Pn	01 41 46.0 -6.2
GRPR	Nemuro-Hokkai	10.76	229	iP	PN	01 40 01.2 -3.8
TILK	Tilichiki	10.81	25	eP	Pn	01 40 06.6 +1.1
TILK	Tilichiki	10.81	25	PN	Pn	01 40 06.6 +1.1
JKA	Kamikawa-asahi	11.85	240	P	Pn	01 40 20.6 +1.2
ASAJ	Asahikawa	11.85	240	P	Pn	01 40 20.6 +1.1
SEY	Seymchan	12.23	350	P	Pn	01 40 24.0 -0.2
SEY	Seymchan	12.23	350	iP	PN	01 40 24.0 +0.4
GRNR	Gornyy	12.95	277	eP	Pn	01 40 31.5 -3.1
ERM	Ermo	13.03	232	eP	Pn	01 40 31.9 -2.7
ERM	Ermo	13.03	232	eP	Pn	01 40 59.1 -0.3
TEY	Ternei	14.82	254	eP	Pn	01 43 43.3
TEY	comp=N,10.0nm,1.2s			pmx	pmx	
TEY	comp=Z,30nm,1.2s			pmx	pmx	
KLR	Kul'dur	16.22	274	P	P	01 41 15.9 +1.0
KLR	Kul'dur	16.22	274	eP	Pn	01 41 15.3 +0.4
KLR	Kul'dur	16.22	274	eP	Pn	01 41 15.0 +0.1
BILL	Bilibino	17.72	12	P	P	01 41 31.1 -0.2
BILL	Bilibino	17.72	12	eP	Pn	01 41 31.0 -0.2
BILL	Bilibino	17.72	12	eP	Pn	01 41 31.4 +0.2
USSR	Ussuriysk Ar.	18.08	258	P	P	01 41 36.0 +0.7
ZEA	Zeya	18.27	290	eP	Pn	01 41 38.7 -0.3
ZEA	Zeya	18.27	290	eP	MLR	01 41 38.7 -0.3
ZEA	comp=Z,600nm,11.0s			MLR	MLR	
ZEA	comp=N,400nm,12.0s			MLR	MLR	
ZEA	comp=E,500nm,12.0s			MLR	MLR	
YAK	Yakutsk	18.50	317	eP	S	01 41 38.7 -1.1
YAK	Yakutsk	18.50	317	eP	S	01 44 57.1 -6.0
YAK	comp=Z,145nm,0.7s			pmx	pmx	
YAK	comp=N,7.0nm,0.6s			pmx	pmx	
YAK	comp=E,33nm,0.9s			pmx	pmx	
YAK	comp=E,159nm,1.6s			smx	smx	
YAK	comp=N,275nm,1.7s			smx	smx	
YAK	Yakutsk	18.50	317	P	P	01 41 38.2 -1.6
YAK	Mudanjiang	19.36	261	P	P	01 41 48.8 -0.5
MJB9	Matsu-Tunnel	19.69	230	iAmb	iAmb	01 41 53.7 +0.8
MJB9	Matsu-Tunnel					

24d 1h

Table with columns: RES, RES, Resolve Bay, 46.01, 21, P, P, 01 45 43.5 +0.2, etc. Lists various locations and their associated data points.

2013 OCT

Table with columns: MSO, MSO, Missoula, 55.26, 57, P, P, 01 46 54.2 +1.1, etc. Lists various locations and their associated data points.

1202

Table with columns: LRMC, LRMC, Laurel Mt Rd, 60.72, 69, P, P, 01 47 32.7 +1.4, etc. Lists various locations and their associated data points.

1203

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like T25A, BGNE, G39A, ANMO, etc.

2013 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ESK, CLWO, H52A, G54A, etc.

24d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like I55A, F58A, FITZ, etc.

24d 1h

L54A	Sinclairville	75.05	40	P	P	01 49 01.0 +0.4
ISR	Istrita	75.09 326	↓P	P	P	01 49 01.8 +0.9
K55A	Perry	75.13 39	P	P	P	01 49 00.7 -0.4
J65A	Wolcott	75.14 38	P	P	P	01 49 00.8 -0.3
MODS	Modra-Piesok	75.15 333	eP	P	P	01 49 01.2 +0.1
MODS	Modra-Piesok	75.15 333	eP	P	P	01 49 01.2 +0.1
H59A	Cadyville	75.15 35	P	P	P	01 49 00.7 -0.4
FOEL	Foel Wylfa	75.16 348	eP	IAMB	IAMB	01 49 01.7 +0.7
FOEL	Foel Wylfa	75.16 348	eP	IAMB	IAMB	01 49 02.7
M53A	WI Miller and	75.16 41	P	P	P	01 49 01.2 -0.1
X40A	Basin Creek Fa	75.17 53	P	P	P	01 49 02.5 +1.1
H58A	Gabriels	75.17 35	P	P	P	01 49 00.8 -0.5
ACSO	Alum Creek Sta	75.18 43	P	P	P	01 49 01.5 +0.1
WVNY	West Valley, N	75.19 39	IAMB	IAMB	IAMB	01 49 02.4
N52A	McGinn's Farm,	75.25 42	P	P	P	01 49 01.8 -0.1
LLW	Llanuwchllyn	75.26 348	eP	P	P	01 49 01.8 +0.2
VOIR	VOIR	75.33 327	↑P	P	P	01 49 03.0 +0.7
P50A	Jamestown	75.34 44	P	P	P	01 49 02.8 +0.5
WCI	Wyandotte Cave	75.34 47	P	P	P	01 49 03.0 +0.7
WCI	Wyandotte Cave	75.34 47	P	P	P	01 49 02.2 -0.2
WCI	Wyandotte Cave	75.34 47	P	P	P	01 49 02.2 -0.2
WCI	Wyandotte Cave	75.34 47	P	P	P	01 49 02.2 -0.2
Q49A	Aurora	75.34 45	P	P	P	01 49 02.9 +0.5
F62A	Pittston Farm,	75.35 32	P	P	P	01 49 02.7 +0.4
F62A	Pittston Farm,	75.35 32	IAMB	IAMB	IAMB	01 49 04.5
J57A	Williamstown	75.36 37	P	P	P	01 49 02.4 +0.1
G61A	St-Isidore-de-	75.36 33	P	P	P	01 49 02.8 +0.4
BATG	Bathurst New B	75.37 29	IAMB	IAMB	IAMB	01 49 04.5
SRO2	Moca	75.38 332	eP	P	P	01 49 02.1 -0.3
SRO2	Moca	75.38 332	eP	P	P	01 49 02.1 -0.3
SRO2	Moca	75.38 332	eP	P	P	01 49 02.1 -0.3
E63A	Pataskala	75.41 43	P	P	P	01 49 02.9 +0.2
L55A	Hinsdale	75.45 39	P	P	P	01 49 02.8 -0.1
BUD	Budapest	75.45 332	eP	P	P	01 49 03.1 +0.3
BUD	Budapest	75.45 332	eP	P	P	01 49 05.1 +2.3
K56A	Middlesex	75.45 38	P	P	P	01 49 02.8 -0.1
KHC	Kasperske Hory	75.45 336	eP	P	P	01 49 02.5 -0.4
KHC	Kasperske Hory	75.45 336	eP	P	P	01 49 02.5 -0.4
KHC	Kasperske Hory	75.45 336	eP	P	P	01 49 02.5 -0.4
HL41	Long Mynd	75.47 347	eP	P	P	01 49 03.4 +0.5
GRA1	Grabenberg Arr	75.52 338	IAMB	IAMB	IAMB	01 49 04.9
M54A	Oil Creek Stat	75.52 40	P	P	P	01 49 03.4 +0.1
M54A	Oil Creek Stat	75.52 40	IAMB	IAMB	IAMB	01 49 04.7
NCB	Newcomb	75.54 35	IAMB	IAMB	IAMB	01 49 05.0
H60A	Morrison	75.58 34	P	P	P	01 49 03.3 -0.4
E64A	Bridgewater	75.59 30	P	P	P	01 49 03.4 -0.2
N53A	Lisbon	75.62 42	P	P	P	01 49 04.2 +0.3
N53A	Lisbon	75.62 42	IAMB	IAMB	IAMB	01 49 05.3
WLAR	White Oak Lake	75.66 54	IAMB	IAMB	IAMB	01 49 06.6
J58A	Remsen	75.67 37	P	P	P	01 49 03.9 -0.2
J58A	Remsen	75.67 37	IAMB	IAMB	IAMB	01 49 05.0
HGN	Heimats Grove	75.67 341	eP	P	P	01 49 03.7 -0.3
GERES	GERESS Array B	75.69 336	P	P	P	01 49 04.0 -0.3
GERES	GERESS Array B	75.69 336	P	P	P	01 49 03.2 -1.0
GERES	GERESS Array B	75.69 336	P	P	P	01 49 03.2 -1.0
K57A	Scipio Center	75.74 38	P	P	P	01 49 04.0 -0.6
G62A	West of Eustis	75.76 32	P	P	P	01 49 05.3 +0.7
G62A	West of Eustis	75.76 32	IAMB	IAMB	IAMB	01 49 07.3
VT1	Waterbury	75.76 34	IAMB	IAMB	IAMB	01 49 06.6
P51A	Williamsport	75.77 44	P	P	P	01 49 04.6 -0.1
P51A	Williamsport	75.77 44	IAMB	IAMB	IAMB	01 49 05.7
O52A	Adamsville	75.77 43	P	P	P	01 49 05.1 +0.3
O52A	Adamsville	75.77 43	IAMB	IAMB	IAMB	01 49 06.0
CSKK	Cskako	75.78 332	eP	P	P	01 49 05.1 +0.4
MEM	Membach	75.81 341	P	P	P	01 49 04.4 -0.4
MEM	Membach	75.81 341	P	P	P	01 49 04.9 +0.1
F63A	Nahmakanta, Br	75.81 31	P	P	P	01 49 05.4 +0.5
I59A	Olmsteadville	75.82 35	P	P	P	01 49 04.7 -0.3
L56A	Greenwood	75.83 39	P	P	P	01 49 05.1 -0.1
L56A	Greenwood	75.83 39	IAMB	IAMB	IAMB	01 49 06.6
N54A	Moraine State	75.84 41	P	P	P	01 49 05.4 +0.2
J59A	Piesco	75.87 36	P	P	P	01 49 04.9 -0.4
J59A	Piesco	75.87 36	IAMB	IAMB	IAMB	01 49 06.1
H61A	Lyndonville	75.88 34	P	P	P	01 49 05.9 +0.6
O50A	Georgetown	75.88 45	P	P	P	01 49 05.7 +0.2
F64A	Sherman	75.91 31	P	P	P	01 49 05.2 -0.2
F64A	Sherman	75.91 31	IAMB	IAMB	IAMB	01 49 06.8
M55A	Ridgway	75.92 40	P	P	P	01 49 05.8 +0.2
O53A	New Philadelph	75.92 42	P	P	P	01 49 05.4 -0.3
UCC	Uccle	75.95 342	P	P	P	01 49 05.3 -0.3
UCC	Uccle	75.95 342	P	P	P	01 49 16.3 -1.0
UCC	Uccle	75.95 342	IAMB	IAMB	IAMB	01 49 06.6
CONA	Conrad Observa	75.95 334	iP	P	P	01 49 06.6 +0.8
T47A	Sharon Grove	75.97 48	P	P	P	01 49 06.3 +0.4
T47A	Sharon Grove	75.97 48	IAMB	IAMB	IAMB	01 49 07.9
I60A	Shoreham	75.99 35	P	P	P	01 49 05.5 -0.4
MCH1	Michaelchurch	76.00 347	eP	IAMB	IAMB	01 49 06.2 +0.3
MCH1	Michaelchurch	76.00 347	eP	IAMB	IAMB	01 49 06.9
Q51A	Peebles	76.02 44	P	P	P	01 49 06.4 +0.2
Q51A	Peebles	76.02 44	IAMB	IAMB	IAMB	01 49 07.7
P52A	Corning	76.04 43	P	P	P	01 49 05.8 -0.5
K58A	Earlville	76.04 37	P	P	P	01 49 06.0 -0.3

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K58A	Earlville	76.04 37	P	P	P	01 49 05.8 -0.5
K58A	Earlville	76.04 37	IAMB	IAMB	IAMB	01 49 07.4
BHOU	Hot Springs	76.05 341	P	P	P	01 49 06.4 +0.2
SGRR	Singurein	76.07 326	↓P	P	P	01 49 05.0 -1.3
JTRD	Stroud	76.10 347	eP	IAMB	IAMB	01 49 06.9 +0.5
JTRD	Stroud	76.10 347	eP	IAMB	IAMB	01 49 08.1
H62A	Milan	76.11 33	P	P	P	01 49 07.4 +0.7
BCLA	Clavier	76.13 342	P	P	P	01 49 06.9 +0.3
MONM	Monmouth	76.13 347	eP	P	P	01 49 07.3 +0.8
LBNH	Lisbon	76.13 34	P	P	P	01 49 07.1 +0.3
PKME	Peaks-Kenny Pk	76.14 32	P	P	P	01 49 07.1 +0.4
GZR	Gura Zlata	76.14 329	↑P	P	P	01 49 06.5 -0.4
M56A	Emporium	76.14 39	IAMB	IAMB	IAMB	01 49 06.7 -0.2
M56A	Emporium	76.14 39	IAMB	IAMB	IAMB	01 49 07.7
G63A	Kingsbury	76.16 32	P	P	P	01 49 07.1 +0.3
S49A	Springfield	76.16 46	eP	P	P	01 49 07.5 +0.5
MLPH	Magyaropolny	76.17 333	eP	P	P	01 49 08.0 +1.1
EIDS	Eidsvold	76.19 185	P	P	P	01 49 07.9 +0.8
R50A	Paris	76.19 45	IAMB	IAMB	IAMB	01 49 07.9 +0.8
R50A	Paris	76.19 45	IAMB	IAMB	IAMB	01 49 09.3
L57A	Andrews Acres	76.23 38	P	P	P	01 49 07.7 +0.3
ACCN	Adirondack Com	76.25 35	IAMB	IAMB	IAMB	01 49 09.1
SWN1	Swindon	76.30 346	eP	IAMB	IAMB	01 49 07.6 +0.1
SWN1	Swindon	76.30 346	eP	IAMB	IAMB	01 49 09.1
TIH	Timothy	76.31 332	eP	P	P	01 49 06.1 -1.6
BZS	Buzias	76.32 329	↓P	P	P	01 49 06.7 -1.0
WWT	Waverly	76.32 49	P	P	P	01 49 08.2 +0.2
WWT	Waverly	76.32 49	P	P	P	01 49 08.4 +0.5
WWT	Waverly	76.32 49	P	P	P	01 49 08.4 +0.5
G64A	Maxfield	76.32 31	P	P	P	01 49 08.1 +0.3
O54A	Avella	76.33 42	P	P	P	01 49 08.4 +0.5
K59A	Cooperstown	76.33 37	P	P	P	01 49 07.9 -0.1
BMRD	Mareduous	76.34 342	P	P	P	01 49 08.0 +0.2
NATX	Nacogdoches	76.37 56	P	P	P	01 49 09.2 +0.9
NATX	Nacogdoches	76.37 56	IAMB	IAMB	IAMB	01 49 10.8
BINY	Binghamton	76.39 38	P	P	P	01 49 08.2 -0.1
N55A	Marion Center	76.41 40	P	P	P	01 49 08.4 0.0
WOL	Wolverton	76.41 346	eP	IAMB	IAMB	01 49 08.1 -0.1
WOL	Wolverton	76.41 346	eP	IAMB	IAMB	01 49 09.5
H63A	New Sharon	76.42 32	P	P	P	01 49 08.3 0.0
MOA	Molin	76.45 335	iP	P	P	01 49 08.7 +0.2
J60A	Lant Hill Farm	76.46 35	P	P	P	01 49 08.3 +0.3
HNH	Harvey	76.47 34	IAMB	IAMB	IAMB	01 49 10.0
P53A	Whipple	76.48 43	P	P	P	01 49 09.1 +0.3
R51A	Hillsboro	76.51 45	P	P	P	01 49 08.8 -0.2
Q52A	Bidwell	76.54 44	P	P	P	01 49 09.3 +0.1
N56A	West Decatur	76.57 40	P	P	P	01 49 09.4 +0.1
DOU	Dourbes	76.57 342	P	P	P	01 49 09.4 +0.3
L58A	Harry Jones Me	76.58 38	P	P	P	01 49 09.0 -0.3
SHME	Shamm	76.58 295	P	P	P	01 49 09.5 -0.1
BAHOI	Banal	76.58 295	P	P	P	01 49 09.7 0.0
T49A	Edmonton	76.60 47	P	P	P	01 49 09.4 -0.2
T49A	Edmonton	76.60 47	IAMB	IAMB	IAMB	01 49 11.2
S50A	Richmond	76.65 46	P	P	P	01 49 10.2 +0.4
I62A	Tamworth	76.66 34	P	P	P	01 49 10.1 +0.3
ARSA	Arzberg	76.66 334	iP	P	P	01 49 10.5 +0.7
WLF	Wallerdange	76.67 341	P	P	P	01 49 10.3 +0.6
M57A	Sunshine Farm	76.68 39	P	P	P	01 49 09.3 -0.6
M57A	Sunshine Farm	76.68 39	IAMB	IAMB	IAMB	01 49 11.2
J61A	Chester	76.69 35	P	P	P	01 49 11.3 +0.4
MORH	Mirgy, Hungar	76.70 332	eP	P	P	01 49 09.4 -0.5
MORH	Mirgy, Hungar	76.70 332	eP	P	P	01 49 07.1 -2.8
H64A	Troy	76.71 32	P	P	P	01 49 10.2 +0.2
G65A	Princeton	76.76 31	P	P	P	01 49 10.5 +0.3
G65A	Princeton	76.76 31	IAMB	IAMB	IAMB	01 49 11.8
O55A	Ligonier	76.76 41	P	P	P	01 49 10.8 +0.5
L59A	Walton	76.76 37	P	P	P	01 49 10.2 -0.2
L59A	Walton	76.76 37	IAMB	IAMB	IAMB	01 49 12.0
I63A	Otisfield	76.77 33	P	P	P	01 49 11.0 +0.7
I63A	Otisfield	76.77 33	IAMB	IAMB	IAMB	01 49 12.6
P54A	Burton	76.77 42	P	P	P	01 49 11.1 +0.6
OXF	Oxford	76.86 51	P	P	P	01 49 11.4 +0.5
OXF	Oxford	76.86 51	IAMB	IAMB	IAMB	01 49 12.6
R52A	Cattlettsburg	76.89 44	P	P	P	01 49 11.1 0.0
M58A	Price's Panora	76.92 38	P	P	P	01 49 10.9 -0.3
Q53A	Letoy	76.95 43	P	P	P	01 49 11.7 +0.3
BRTR	Reskin Array B	76.95 319	P	P	P	01 49 11.2 -0.4
BRTR	Reskin Array B	76.95 319	P	P	P	01 49 11.2 -0.4
U49A	Red Boiling Sp	76.97 47	P	P	P	01 49 10.7 -1.0
SSPA	Standing Stone	76.97 40	P	P	P	01 49 11.6 +0.1
SSPA	Standing Stone	76.97 40	IAMB	IAMB	IAMB	01 49 12.9
H65A	Eastbrook	76.98 31	P	P	P	01 49 11.4 0.0
T50A	Nancy	76.99 46	P	P	P	01 49 12.2 +0.5
MCWV	Mont Chateau	76.99 42	P	P	P	01 49 12.4 +0.7
N57A	Milroy	77.01 39	P	P	P	01 49 11.9 +0.2
O56A	Blue Knob Stat	77.01 40	P	P	P	01 49 12.2 +0.4
O56A	Blue Knob Stat	77.01 40	IAMB	IAMB	IAMB	01 49 13.2
K61A	Williamstown	77.01 36	P	P	P	01 49 12.1 +0.4
LMN	Caledonia Moun	77.03 29	IAMB	IAMB	IAMB</	

24d 2h

Table with columns: FITZ, EDFI, APSI, JAGI, PPT, PPT2, TPI, KSRS, KSRS, TAOE, NJ2, USRK, USRK, WHN, CNZ, PETK, PETK, PETK, BJI, CASY, XAN, XAN, XAN, KMI, HHC, ULN, GTA, CCB, MAW, MAW, MAW, ILAR, ILAR, ILAR, BCAR, WMQ, WMQ, WMQ, EGAK, NVAR, NVAR, NVAR, MK31, MKAR, MKAR, TPNV, SHPR, R11A, R11A, F10A, ELK, KSH, KSH, KSH, KSH, KSH, KSH, KURK, KURK, KURK, KURB, PDAR, PDAR, TXAR, KOLS

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Table with columns: JIRB, JIRB, JIRB, JIRB, KSRS, MJAR, SONM, SONM, MKAR, KURB, WRA, ASAR, TAP 24 02:14:01.0, NACB, ENA, ENA, NANB, NANB, TWD, ET LH, ET LH, NNSB, NNSB, NNS, NNS, NDT, ENTT, ENTT, WHF, WHF, EOS1, SLB, TDCB, TDCB, YHNB, YHNB, NSK, CHGB, CHGB, NWL, NWL

ISCJB 24 02:16:01.5-0.4, 20:29S:0:02:69:09W:0:06, h122km, 4km, mb3.9/4, Error ellipse: s-maj=9.6km s-min=4.0km az=176.6

IDC 24 02:16:01.5-0.4, 20:20S:68:86W, h98km, 20km, mb3.7/6, mb1 3.8/9, mb1 mx3.5/27, mbtmpr4, 1/9, Error ellipse: s-maj=32.7km s-min=12.8km az=124.0

GUC 24 02:16:02.5-0.5, 20:26S:69:03W, h102km, 3km, ML3.9 SJA 24 02:16:02.4-1.0, 20:30S:69:12W, h106km, 4km, ML3.5 MW3.6

ISC 24 02:16:01.9-0.7, 20:28S:03:69:01W:0:06, h105km, 5km, n65, s148/90, mb4.0/4, 5C-9D, Northern Chile

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

1206

Table with columns: PB12, PB12, PB12, PB12, PB04, PB04, LVC, LVC, LVC, LVC, PB06, PB06, PB06, PB15, PB15, PB15, PB10, YJA, YJA, LPAZ, LPAZ, LPAZ, HJA, HJA, HJA, AZAP, AZAP, AZAP, SLA, SLA, GOO3, SIV, SIV, TCA, TCA, CPUP, PLCA, BDFB, PTGA, DBIC, TORI, YKA, ASAR, WRA, ZALV, MKAR, SONM

NEIC 24 02:19:42.1-1.6, 27:53S:0:05:67:33W:0:02, h120km, 6km, mb4.3/1, Md4.3(SJA)

IDC 24 02:19:43.6-1.1, 27:55S:67:30W, h124km, 10km, mb4.1/10, mb1 4.1/16, mb1 mx4.0/28, mbtmpr4, 4/16, MS3.3/1, Ms1 3.4/1, ms1mx2.8/16, Error ellipse: s-maj=15.5km s-min=8.3km az=92.0

ISCJB 24 02:19:43.7-0.2, 27:56S:0:02:67:51W:0:03, h149km, 2km, mb4.3/1, Error ellipse: s-maj=3.9km s-min=2.5km az=4.0 SJA 24 02:19:44.0-1.2, 27:54S:67:54W, h158km, 7km, ML4.2 MW4.3

GUC 24 02:19:44.6-0.7, 27:57S:67:58W, h148km, 8km, ML4.4 VAO 24 02:19:46.7-0.4, 27:48S:68:08W, h248km, 8km, mb4.4

ISC 24 02:19:44.1-0.7, 27:51S:0:03:67:52W:0:03, h140km, 6km, n158, s162/203, mb4.4/20, 8C-4D, Catamarca Province

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like San Lorenzo, Mognna, IPOC Station P, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Valinhos, Colider, Brasilia, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MUGZ, RTZ, KARZ, etc.

WEL 24 03:11:25 4.1, 1.36, 56.5, 17.9E, 1.0, h33km, M4/8,53, ML5.0/41, MLV4.8/53, Error ellipse: s-maj=0.0km s-min=0.0km az=81.1

NEIC 24 03:31:30.0, 1.4, 36.6S, 0.1, 179.0E, 0.1, h117km, 10km IDC 24 03:31:30.5, 2.9, 36.16S, 178.70E, h59km, 24km, mb4.1/6, mb1.4/3.7, mb1mx3.28, mbmtP4.7, ML4.6/1, M53.0/1, Ms1.3/0.1, ms1mx2.6/24, Error ellipse: s-maj=25.8km s-min=18.9km az=148.0

ISC 24 03:31:34.7, 1.0, 36.65S, 0.07, 178.73E, 0.07, h116km, 6km, n146, e195/157, mb4.4/10, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other technical details. Includes stations like MXX, MXZ, MXZ, etc.

DDA 24 03:37:48.5, 37.49N, 36.15E, h2km, 3km, ML3.3 ISK 24 03:37:48.6, 37.60N, 36.17E, h6km, ML2.2/9 ISC 24 03:37:49.1, 1.1, 37.55N, 0.04, 36.14E, 0.03, h9km, 8km, n16, e085/24, Turkey

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like Denali Highway, Eielson Array, and various local stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like Eldon, B05A Bryant, and various local stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like MPMC Manual Prospect, DUG Dumagey, and various local stations.

24d 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

2013 OCT

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

1210

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Azm217.0000": nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function
 ISCJB 24 05:00:20.4 0.0, 16.48N, 0.02:95.42W, 0.02, h55km, 3km,
 mb4.5/22, MS4.0/30 Error ellipse: s-maj=3.9km
 s-min=2.3km az=30.7
 MEX 24 05:00:20.0 0.0, 16.31N, 95.66W, h13km, 5km, MD4.6
 NEIC 24 05:00:21.1 2.9, 16.31N, 0.06:95.55W, 0.05, h57km, 2km,
 mb4.8/268, Md4.6(MEX)
 IDC 24 05:00:22.3 1.1, 16.31N, 95.42W, h66km, 8km, mb4.2/21,
 mb1.4/4/25, mb1mx3.3, 3s, mbmt4.5/25, MS4.0/31,
 Ms1.4/0/31, ms1.9/0/41, Error ellipse: s-maj=13.6km
 s-min=9.2km az=56.0
 UCR 24 05:00:41.4 3.2, 16.58N, 93.58W, h20km, 999km, MD4.7,
 ML3.6
 GCG 24 05:00:57.5 3.4, 15.74N, 92.90W, h65km, 999km, MD5.0
 ISC 24 05:00:19.4 0.0, 16.27N, 0.05:95.62W, 0.04, h43km, 5km,
 n740, c1953/753, mb4.8/108, MS4.0/30, C, Oaxaca

Code	Station Name	Δ°	AZ°	Phase ID	Time	ISC	h	m	s	Res
HUIG	Huatulco	0.69	224	Op	Pn	05	00	29.1	-3.7	
HUIG	Huatulco			eS	Pn	05	00	37.5	-4.8	
PANG	Puerto Angel	1.02	234	eP	Pn	05	00	32.8	-4.5	
PANG	Puerto Angel			eS	Pn	05	00	46.1	-4.3	
CMIG	Matias Romero	1.08	40	P	Pn	05	00	39.0	+0.9	
CMIG	Matias Romero			S	Pn	05	00	53.6	+1.6	
CMIG	Matias Romero	1.08	40	eP	Pn	05	00	38.7	+0.5	
CMIG	Oaxaca	1.33	307	eS	Pn	05	00	53.9	+1.9	
OXBJ	Oaxaca	1.33	307	eS	Pn	05	00	57.9	-0.5	
VHO	Vista Hermosa	1.34	307	eP	Pn	05	00	41.7	-0.2	
VHO	Vista Hermosa			eS	Pn	05	00	58.9	+0.3	
PCIG		2.37	103	eP	Pn	05	00	55.7	-0.1	
PCIG		4.95	111	eP	Pn	05	01	22.9	-0.8	
TGIG		2.44	78	eP	Pn	05	00	48.0	+1.0	
TGIG				/S	Pn	05	01	35.7	+1.0	
TLIG	Tlapa	3.11	295	eP	Pn	05	01	08.2	+2.1	
TLIG	Tlapa			Sn	Pn	05	01	42.8	+0.8	
CCIG	Comitan	3.34	89	eP	Pn	05	01	10.7	+1.3	
CCIG	Comitan			/S	Pn	05	01	55.9	+1.3	
CCIG	Comitan	3.34	89	eP	Pn	05	01	10.8	+1.5	
CCIG	Comitan			Sn	Pn	05	01	48.6	+0.7	
THIG		3.50	112	eP	Pn	05	01	11.2	-0.2	
STG3	Santiagouito, 3	4.20	111	eP	Pn	05	01	23.4	+2.2	
FUG	Fuego 3	4.95	111	eP	Pn	05	01	34.4	+3.0	
FUG	Fuego 3			eS	Pn	05	01	34.4	+3.0	
APG	El Agazote	5.12	103	P	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote	5.12	103	eP	Pn	05	01	34.6	+0.8	
APG	El Agazote			S	Pn	05	02	30.6	-1.3	
APG	El Agazote</									

24x 5h

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like W18A Petrified Fore, KMSC Kings Mountain, and Y12C Blythe.

2013 OCT

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like Y12C Blythe, RUSC La Rusia, and V58A Windy Hill, Pi.

1212

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like Q53A Leroy, KNB Kanab, and G56A Snyder Ridge.

24d 7h

Table of seismic stations in the 24d 7h region, including codes like HON, KIRV, CASY, and station names like Honolulu, Kirov, Casey. Columns include station name, coordinates, and various parameters.

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Main table of seismic events for 2013 OCT, listing event codes (e.g., 065/29, 9C-3D), station names, magnitudes, and times. Includes event descriptions like 'Industrial explosion' and 'Mining explosion'.

1216

Table of seismic stations in the 1216 region, including codes like MNBS, KTMS, ARXS, and station names like Ketmen, Arharly, Uchtor. Columns include station name, coordinates, and various parameters.

ISCJB 24 06:52:07.2±0.5, 42.67N; 0.03; 75.70E; 0.03, h0km, Error ellipse: s-maj=5.0km s-min=3.0km az=156.8

ISCJB 24 07:02:17.5±3.3, 53.47N; 87.79E, h0km, mb1 3.4/2, mb1mx3.1/50, mbtmp3.4/2, ML2.7/2, Error ellipse: s-maj=29.5km s-min=14.9km az=59.0

ISCJB 24 07:55.8±0.5, 12.93N; 0.09; 88.86W; 0.05, h55km±18km, Error ellipse: s-maj=16.0km s-min=3.7km az=24.6

Table with columns: COEB, Comit de Eme, 0.61, 30, J/P, Pn, 07 48 09.6, -0.1, WRO, Warramunga Arr, 24.74 119, P, I/Amb, P, 08 26 12.9, -4.4

Table with columns: WRO, Warramunga Arr, 24.74 119, P, I/Amb, P, 08 26 12.9, -4.4

GEN 24 08:24:49.0, 44.27N.10.16E, h2km, 1km, M10.5, Northern Italy

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

STR 24 08:25:04.2, 0.9, 44°N, 4°E, h16km, 3km, M1.0, Northern Italy

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

ISCJB 24 08:25:16.5, 0.4, 7.13S, 0.05, 106.39E, 0.04, h122km, 3km, mb4.1/14, Error ellipse: s-maj=10.2km, s-min=3.9km

NEIC 24 08:25:16.5, 2.3, 7.15S, 0.07, 106.31E, 0.03, h100km, 7km, mb4.4/20

DJA 24 08:25:17.1, 0.2, 7.5S, 4.10°E, h108km, 3km, M4.8/18, mb5.0/11, mb5.5/6, MLv4.7, 178, Mw(MB)4.9/6

ISC 24 08:25:17.2, 0.7, 17.8S, 0.05, 106.38E, 0.04, h106km, 5km, mb4.4/21, Error ellipse: s-maj=10.2km, s-min=3.9km

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

Table with columns: COEN, Coen, 36.76 104, P, I/Amb, P, 08 32 14.0, -0.7

Table with columns: COEN, Coen, 36.76 104, P, I/Amb, P, 08 32 14.0, -0.7

Table with columns: COEN, Coen, 36.76 104, P, I/Amb, P, 08 32 14.0, -0.7

NINC 24 08:31:42.1, 6.8, 53.78N, 87.07E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=50.6km, s-min=45.2km, az=11.0, Suspected Mining explosion.

KRAR 24 08:31:35.5, 0.3, 54.05N, 87.08E, M2.3, 3C-6D, Industrial explosion (after: The Earthquakes of Russia in 2012, Obninsk, GS RAS, 224p + CD-ROM, 2014), Northwestern Siberia

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

JMA 24 08:36:39.0, 0.7, 45.44N, 151.64E, h30km, M5.1, ISCJB 24 08:36:40.6, 0.5, 45.19N, 151.42E, 0.03, h35km, 4km, mb4.6/98, MS4.0/22, Error ellipse: s-maj=5.2km, s-min=3.1km, az=157.3

MOS 24 08:36:41.9, 1.1, 45.24N, 151.38E, h47km, mb4.9/48, MS3.8/6, Error ellipse: s-maj=6.0km, s-min=5.0km, az=109.9

SKHL 24 08:36:41.6, 0.7, 45.10N, 151.60E, h51km, 6km, mb5.3/6, ms4.5/6

BUI 24 08:36:42.1, 0.0, 45.27N, 151.42E, h50km, mb4.9/47, MB5.2/40, MS4.5/27, MS7.4/3/28

IDC 24 08:36:44.0, 0.4, 45.39N, 151.27E, h44km, 4km, mb4.1/28, mb1.4/2/36, mb1mx4.1/61, mbtmp4.3/36, MS3.8/17, Ms1.3/7/17, ms1mx3.5/40, Error ellipse: s-maj=12.8km, s-min=10.0km, az=139.0

NEIC 24 08:36:43.8, 1.8, 45.32N, 151.4E, 0.1, h46km, 5km, h2c3km, pp-P, n45, r152/472, mb4.6/149, MS4.0/22, 32C-12, Kuril Islands

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

IDC 24 08:20:55.6, 1.4, 8.25S, 111.71E, h0km, mb3.6/3, mb1.3/7.5, mb1mx3.5/44, mbtmp3.6/5, ML3.2/2, MS4.2/1, Ms1.4/2/1, ms1mx2.6/31, Error ellipse: s-maj=72.7km, s-min=20.5km, az=35.0

NEIC 24 08:20:55.2, 6.9, 61S, 0.10, 111.13E, 0.04, h35km, 3km, mb4.0/9

DJA 24 08:21:02.1, 1.0, 9.5S, 111.1E, h25km, 9km, M4.2/15, mb4.4/2, MLv4.1/15

ISC 24 08:20:58.0, 1.6, 8.91S, 0.09, 111.60E, 0.05, h28km, 11km, n36, r197/41, mb3.8/3, Jawa

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EPHYK, Haines Junction, Inuvik, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR, Alice Springs, Kiv, etc.

24d 10h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like NISR Nisiro, KOSK Kos Island, MLSB Milas, etc.

ASRS 24 09:54:56.5:0.4, 52°N, 103°10'1E, h5km, MLh3, 7/4, smi: org.gfz-potsdam.de/geofon/LOCASAT_earthModelID

BYKL 24 09:55:03.0:0.2, 52°35'N, 101°05'E, h10km, n31, c240/79, 4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MOY Mondy, ORL Oriik, ARS Arshan, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TRG 36nm, 0.2s, KAB Kabansk, HRMR Khuramsha, etc.

ISCJB 24 10:10:02.3:0.6, 24°00'N, 0°03'122.80'E, 0°03, h28km, 6km, Error ellipse: s-maj=5.8km s-min=4.2km az=172.2

JMA 24 10:10:02.0:1.2, 24°11'N, 122°79'E, h22km, M2.0

TAP 24 10:10:03.1, 23°97'N, 122°72'E, h19km, ML2.6, 2

ISC 24 10:10:00.1:1.2, 23°99'N, 0°04'122.81'E, 0°02, h13km, 9km, n44, c0564/67, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JYNG Yanagunijima, YOJ Yonaguni jima, EOS1 EOS1, etc.

1222

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like YHNB baz=299, NSK Sanguang, CHGB Renai, etc.

ISCJB 24 10:10:20.3:0.6, 43°14'N, 0°04'78.33'E, 0°08, h33km, 7km, Error ellipse: s-maj=9.9km s-min=6.2km az=23.7

SOME 24 10:10:20.9, 43°10'N, 78°22'E, h15km

NNC 24 10:10:20.8:0.2, 43°10'N, 78°14'E, h0km, mpv2.7, Error ellipse: s-maj=1.8km s-min=0.6km az=48.0

KRNET 24 10:10:24.0:0.1, 42°35'N, 78°20'E, h35km, mb2.0

ISC 24 10:10:20.6:1.0, 43°11'N, 0°05'78.25'E, 0°11, h16km, 21km, n9, c057/18, 4C-3D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SATY Saty, ZHN Zhinshke, KURS Kuram, etc.

SOF 24 10:10:43.5, 41°05'N, 23°24'E, h18km, MD2.7

ISCJB 24 10:10:45.6:0.3, 41°16'N, 0°01'23.32'E, 0°02, h1km, 3km, Error ellipse: s-maj=2.9km s-min=2.3km az=159.7

ATH 24 10:10:45.8, 41°15'N, 23°32'E, h18km, 2km, ML2.4/8, Error ellipse: s-maj=2.3km s-min=1.0km az=213.0

BEO 24 10:10:46.7:0.4, 41°12'N, 23°31'E, h3km, 2km, ML2.4/12

THE 24 10:10:46.8, 41°13'N, 23°32'E, h2km, 4km, ML2.2/10, Error ellipse: s-maj=4.5km s-min=0.5km az=175.0

SKO 24 10:10:47.1, 41°15'N, 23°33'E, h0km, M2.0, ML2.4

ISC 24 10:10:46.8:0.9, 41°15'N, 0°02'23.32'E, 0°02, h8km, 8km, n57, c078/98, 3C, Greece-Bulgaria border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SRS Serrai, SOH Sokhos, SOH Sokhos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ANTO Ankara, AFAR Afar-Bala (An), AFSA Afar-Bala (An), etc.

HLW 24 14:02:52.5, 31.10'N, 35.08'E, h7km, 11km, Md2.3
ISCJB 24 14:02:54.6, 0.6, 30.87'N, 0.04:35.01'E, 0.05, h8km, Error ellipse: s-maj=6.6km s-min=5.9km az=141.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LISJ El Lisan, JDRJ Darawish, KZRT Kziot, etc.

ASRS 24 14:02:51.7, 0.2, 53.1'N, 2.0'W, h5km, MLh3.3/8, smi:org.gfz-potsdam.de/geofon/LOCASAT earthModelID

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ORL Orlik, MOY Mondy, ARS Arshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like TLY Talaya, IRK Irkutsk, IVK Ivanovka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ZAK Zakamensk, BGT Bolshoye Golou, DJUR Todzha, etc.

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, CMAR Chiang Mai Arr, etc.

ISCJB 24 14:18:20.0, 0.8, 6.83'S, 0.05:129.47'E, 0.08, h139km, mb3.1/1, Error ellipse: s-maj=12.2km s-min=6.7km az=16.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like SIJI Sorong, BATI Baunata, BATI Baunata, etc.

ISC 24 14:18:20.9, 0.9, 6.85'S, 0.06:129.6'E, 0.1, h139km, n7, e248/11, Banda Sea

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

ISC 24 14:18:24.3, 7.2, 4.18'S, 101.85E, h0km, mb3.7/4, mb1.3/4, mb1mx3.4/2, Error ellipse: s-maj=170.0km s-min=131.2km az=95.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KAPI Kappang, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

ISC 24 14:29:37.4, 4.4, 30.10'S, 178.17'W, h88km, 35km, mb3.3/3, mb1.3/3, mb1mx3.3/2, mbtmp3.7/3, MS3.1/1, Ms1.3.1/1, s-maj=50.5km az=152.0, 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, STKA Stephens Creek, ASAR Alice Springs, etc.

ISCJB 24 14:30:26.8, 0.6, 38.37'N, 0.06:139.4'E, 0.1, h163km, 5km, mb3.3/2, Error ellipse: s-maj=16.6km s-min=6.9km az=22.2

ISC 24 14:30:27.7, 1.5, 38.31'N, 139.67'E, h155km, 24km, mb3.1/2, mb1.3/2, mb1mx2.9/45, mbtmp3.4/4, Error ellipse: s-maj=104.1km s-min=15.9km az=113.0

JMA 24 14:30:28.4, 0.2, 38.31'N, 139.45'E, h153km, 2km, M2.9, s-maj=50.5km az=152.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like JAW Awa shima, JYA Atsumi, JYS Shirataka, etc.

ISCJB 24 14:44:29.4, 0.5, 5.08'N, 77.96'W, h0km, mb4.5/21, mb1.4/28, mb1mx4.7/32, mbtmp4.6/28, ML4.4/37, MS4.0/20, Ms1.4/20, ms1mx3.8/27, Error ellipse: s-maj=17.4km s-min=11.0km az=46.0

UCR 24 14:44:31.5, 2.5, 5.10'N, 78.16'W, h35km, 15km, RSNC 24 14:44:31.2, 1.2, 5.12'N, 78.11'W, h28km, 14km, ML4.5, Mw4.5

ISCJB 24 14:44:32.7, 0.2, 5.03'N, 0.02:78.05'W, 0.02, h31km, mb4.6/26, MS4.1/21, Error ellipse: s-maj=3.3km s-min=2.2km az=34.4

MW5.0/102, Moment Tensor Solution. s50,c65; s102,c105; Duration: 0 Moment Tensor Scale: 10^16Nm; Mn=1.01e+13; Mw=0.42e+14; Mw1.44e+14; Mw=0.30e+16; Mw3.90e+09; Mw1.21e+18; Best double couple: Mo4.23800e+1016 NP1:0.175,00000; 0.82,00000; lambda=160,00000. NP2:0.82,00000; 0.71,00000; lambda=9,00000. Principal axes: T 4.6230, Plg6.0000; Azm197.0000; N -0.7670, Plg69.0000; Azm196.0000; P -3.8520, Plg20.0000; Azm40.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 24 14:44:33.0, 0.3, 5.08'N, 0.03:78.12'W, 0.04, h31km, n537, e170/541, mb4.8/45, MS4.0/21, AC-2D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PLMC San Jos del P, GRGC Isla de Gorgon, GRGC Yotoco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PTAC Punta Arditina, CBCC Ciudad Bolivar, CBCC Ciudad Bolivar, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like UPD2 Meteti, UPD2 Meteti, PRAC Prado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ROSE El Rosal, ROSE El Rosal, PTBC Puerto Berrio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ZARC Zaragoza, PNME Paraguanic, PNME Paraguanic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like FLAM Flamenco Islan, FLAM Flamenco Islan, SPBC San Pablo de B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like UPA Univ. de Panam, UPA Univ. de Panam, UPA Univ. de Panam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like UPA Univ. de Panam, UPA Univ. de Panam, ZANG Zanguanga, Cho, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like FLOC Florencia, FLOC Florencia, CHIC Chingaza, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like VILC Villavicencio, VILC Villavicencio, PINA Piqa, Costa Ab, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like RRRC Barranca, Sant, OTAV Otavalo, OTAV Otavalo, etc.

24d 15h

Table with columns: Station, Location, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like LBNH, H56A, I64A, H62A, etc.

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Table with columns: Station, Location, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like GMRC, MURC, HEC, TUQ, etc.

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Table with columns: Station, Location, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like NOA, CLL, CLL, KHC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like AMOG MOGNA, RTLL Cerro Villicun, ZON Zonda, etc.

ISC/JB 24 15:32:23.5-0.9, 8:81N:0:05:83:08W:0:04, h48km, 8km, Error ellipse: s-maj=9.4km s-min=0.0km az=26.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like PTJ1 Puerto Jimnez, BRU2 Volcan, etc.

KRNET 24 15:46:30.9-0.1, 43:00N:80:89E, mb2.9 SOME 24 15:46:31.3, 42:90N:80:70E, h15km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like KTMS Ketmen, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like PRZ Przheval'sk, KURS Kuram, etc.

ISC 24 15:32:24.1-1.6, 8:82N:0:05:83:08W:0:04, h41km, 14km, n19, c1507/29, CZ, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like CHKK Chushkaly, IZV Izvestkoviy, etc.

BOOM Boomsokoye 3.44 264 iIP Pn 15 47 27.4 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like DGS Degeres, KUU Kury, etc.

NEIC 24 16:02:26.7-1.6, 48:9N:0:1:139:70W:0:08, h11km, 9km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like DIB Dawson Inlet, HG1B Mitchell Dam, etc.

ISC 24 16:02:48.4-1.8, 50:7N:0:2:139:18W:0:07, h10km, n106, c271/104, West of Vancouver Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like DIB Dawson Inlet, HG1B Mitchell Dam, etc.

ISC/JB 24 16:08:11.7-0.3, 27:45S:0:02:69:08W:0:05, h144km, 6km, Error ellipse: s-maj=7.1km s-min=3.4km az=178

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PRZ, Przheval'sk, etc. Includes stations like G003 Copiap, G003 Copiap, etc.

NEIC 24 16:02:51.1-1.6, 50:83N:138:94W, h10km, ML3.5/5, MLSN3.5/5, Mw4.2/5, 556km Wsw of Sandspit, BC West Of

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, DLV, T, Lat, Lon, P, P, 18 01 13.1, -1.8, 18 01 07.9, -2.7, LEM, Lembang, 25.40 145, P, P, 18 03 01.7, -1.5, 24d 17h

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Table with columns: DLV, T, Lat, Lon, P, P, 18 01 13.1, -1.8, 18 01 07.9, -2.7, LEM, Lembang, 25.40 145, P, P, 18 03 01.7, -1.5, 24d 17h

Table with columns: LEM, Lembang, 25.40 145, P, P, 18 03 01.7, -1.5, 24d 17h

24d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC Hu-ho-hao-te, KDJ Kajisay, UZB Uzynbulak, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TDK comp=Z,354nm,3.6s, SGDS comp=Z,3um,22.0s, etc.

1234

Table with columns for station name, frequency, power, and other technical details. Includes stations like SEM Semipalatinsk, MOY MOY, WHFO Wadi Hawf, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA, UDBI, ACERI, TOO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MYKA, BRJN, INTRA, KBLA, etc.

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

24d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MVO, KTH, BMAR, BWN, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MENT, FID, EPYK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DLMT, BOZ, LSQQ, etc.

F42A	Maple Grove Fa	120.28	1	IAMS_20	IAMS_20	19 16 52.4
VT1	Waterbury	120.31	348	IAMS_20	IAMS_20	19 13 19.1
PLVO	Plevin	120.34	352	IAMS_20	IAMS_20	19 16 32.5
F45A	CMU Biological	120.35	359	P	PKIKP	18 16 27.0 +0.3
LONY	Lake Ozonia	120.37	350	IAMS_20	IAMS_20	19 13 29.6
TBI	Tubai	120.45	109	eLR	LR	18 53 38.0
I62A	Tamworth	120.45	347	IAMS_20	IAMS_20	19 14 56.7
BANO	Bancroft	120.47	353	P	PKIKP	18 16 27.0 0.0
SPND	Miller	120.58	10	P	PKIKP	18 16 27.4 +0.1
SUMM	Marine on St.	120.58	5	IAMS_20	IAMS_20	19 14 20.0
K22A	Casper	120.59	17	P	PKPdf	18 16 27.2 -0.3
K22A	Casper	120.59	17	P	PKPdf	18 16 26.9 -0.6
G39A	Holcombe	120.64	4	P	PKIKP	18 16 27.5 +0.1
H57A	Richville	120.65	350	P	PKPdf	18 16 26.9 -0.3
H56A	Elgin	120.66	351	P	PKIKP	18 16 27.2 -0.2
G46A	Petoskey	120.70	358	P	PKPdf	18 16 27.2 -0.1
G40A	Rib Lake	120.70	3	P	PKIKP	18 16 27.7 +0.2
G40A	Rib Lake	120.70	3	IAMS_20	IAMS_20	19 18 02.2
DUG	Dugway, Tooele	120.72	23	P	PKIKP	18 16 28.6 +0.7
DUG	Dugway, Tooele	120.72	23	PKIKP	MLR	18 16 27.8 -0.1
DUG	Dugway, Tooele	120.72	23	PKIKP	MLR	18 16 27.8 -0.1
G47A	Hilman	120.81	358	P	PKIKP	18 16 27.8 +0.1
H55A	Tweed	120.83	352	P	PKIKP	18 16 27.7 0.0
I60A	Shoreham	120.88	349	P	PKPdf	18 16 27.4 -0.3
DELO	Deloro Mine	120.92	352	P	PKIKP	18 16 27.8 -0.1
DELO	Deloro Mine	120.92	352	IAMS_20	IAMS_20	19 17 20.9
NCB	Newcomb	120.93	349	IAMS_20	IAMS_20	19 14 08.5
J63A	Stratford	120.96	347	P	PKIKP	18 16 28.8 +0.8
G45A	Suttons Bay	121.00	359	IAMS_20	IAMS_20	19 17 33.5
IS9A	Olmsteadville	121.04	349	P	PKIKP	18 16 28.0 -0.2
R11A	Troy Canyon, C	121.18	26	P	PKIKP	18 16 29.7 +0.8
R11A	Troy Canyon, C	121.18	26	PKPdf	PKIKP	18 16 28.0 -0.8
I57A	Carthage	121.21	351	P	PKIKP	18 16 28.5 -0.1
NLU	North Lily Min	121.21	22	PKIKP	PKIKP	18 16 28.4 -0.4
RWWY	Rawlins	121.28	18	PKIKP	PKIKP	18 16 28.3 -0.6
I58A	Old Forge	121.34	350	P	PKIKP	18 16 28.4 -0.3
PECO	Prince Edward	121.41	352	P	PKIKP	18 16 29.0 +0.1
PECO	Prince Edward	121.41	352	IAMS_20	IAMS_20	19 18 54.9
J59A	Plesco	121.47	349	IAMS_20	IAMS_20	19 14 03.6
H46A	Fife Lake	121.49	359	P	PKPdf	18 16 28.7 -0.2
RDMU	Red Mountain	121.55	20	PKIKP	PKIKP	18 16 29.4 -0.1
H43A	Windswept, Lux	121.57	1	IAMS_20	IAMS_20	19 16 36.7
BRCO	Bruce Peninsula	121.59	355	P	PKPdf	18 16 28.6 -0.5
WES	Vestal, Richgr	121.62	31	P	PKIKP	18 16 29.8 +0.3
CVS	Cottonwood Cre	121.63	29	P	PKPdf	18 16 29.6 -0.1
ECSD	EROS Data Cent	121.63	8	P	PKIKP	18 16 29.5 +0.1
ECSD	EROS Data Cent	121.63	8	PKIKP	PKIKP	18 16 28.9 -0.4
ECSD	EROS Data Cent	121.63	8	IAMS_20	IAMS_20	19 16 20.1
J58A	Remsen	121.71	350	P	PKIKP	18 16 29.2 -0.2
PSUT	Pine Spring	121.75	25	PKIKP	PKIKP	18 16 30.6 +0.6
J57A	Williamstown	121.78	351	P	PKIKP	18 16 28.9 -0.6
J57A	Williamstown	121.78	351	IAMS_20	IAMS_20	19 16 13.6
HRV	Adam Dzewonski	121.81	347	P	PKIKP	18 16 29.7 0.0
HRV	Adam Dzewonski	121.81	347	IAMS_20	IAMS_20	19 17 09.5
WES	Weston	121.83	346	IAMS_20	IAMS_20	19 15 30.2
I41A	Arkdale	121.93	3	P	PKIKP	18 16 29.5 -0.3
I49A	Point Hope	121.99	357	IAMS_20	IAMS_20	19 12 36.0
PKM	Mpherson Peak	122.00	32	P	PKIKP	18 16 31.2 +0.6
TRY	Troy	122.03	349	IAMS_20	IAMS_20	19 18 02.3
J56A	Wolcott	122.04	351	IAMS_20	IAMS_20	19 20 22.4
TPNV	Topopah Spring	122.06	28	P	PKIKP	18 16 31.4 +0.8
TPNV	Topopah Spring	122.06	28	PKIKP	PKIKP	18 16 30.7 +0.1
TPNV	Topopah Spring	122.06	28	PKIKP	PKIKP	18 16 30.7 +0.1
I46A	Reed City	122.09	359	P	PKIKP	18 16 30.1 -0.1
TMUT	Trail Mountain	122.11	22	PKIKP	PKIKP	18 16 30.8 0.0
P17A	Butcher Ranch,	122.12	22	PKIKP	PKIKP	18 16 29.4 -1.1
I42A	Draeger Farm,	122.13	2	P	PKIKP	18 16 30.4 +0.1
I42A	Draeger Farm,	122.13	2	IAMS_20	IAMS_20	19 14 00.3
PHWY	Pilot Hill	122.13	16	PKIKP	PKIKP	18 16 27.7 -2.9
PHWY	Pilot Hill	122.13	16	IAMS_20	IAMS_20	19 16 18.9
FURC	Furnace Creek,	122.17	28	P	PKIKP	18 16 31.5 +0.9
J55A	Hilton	122.18	352	P	PKIKP	18 16 30.2 -0.2
J55A	Hilton	122.18	352	IAMS_20	IAMS_20	19 17 19.2
L64A	Middleborough	122.18	346	P	PKIKP	18 16 30.8 +0.4
MPMC	Manual Prospec	122.22	29	P	PKIKP	18 16 31.4 +0.4
J54A	Appleton	122.28	353	P	PKIKP	18 16 31.1 +0.5
J54A	Appleton	122.28	353	IAMS_20	IAMS_20	19 13 18.5
K58A	Earlville	122.35	350	P	PKIKP	18 16 31.0 +0.2
K58A	Earlville	122.35	350	IAMS_20	IAMS_20	19 15 40.8
MEDO	Medina	122.36	353	P	PKIKP	18 16 31.0 +0.2
MEDO	Medina	122.36	353	IAMS_20	IAMS_20	19 13 21.0
N23A	Red Feather La	122.38	17	P	PKIKP	18 16 31.4 +0.1
N23A	Red Feather La	122.38	17	IAMS_20	IAMS_20	19 16 39.2
O20A	White River Ci	122.38	19	P	PKIKP	18 16 31.2 0.0
O20A	White River Ci	122.38	19	PKIKP	PKIKP	18 16 30.3 -0.7
MSU	Marysville	122.43	23	PKIKP	PKIKP	18 16 32.1 +0.7
MSU	Marysville	122.43	23	PKIKP	PKIKP	18 16 32.1 +0.7
Q16A	Castle Valley	122.45	22	PKIKP	PKIKP	18 16 30.6 -0.6
LRMC	Laurel Mt Rd	122.59	30	P	PKIKP	18 16 32.0 +0.3
J45A	Montague	122.61	360	IAMS_20	IAMS_20	19 14 12.2

K56A	Middlesex	122.67	352	P	PKIKP	18 16 30.8 -0.5
K56A	Middlesex	122.67	352	P	PKIKP	18 16 31.1 -0.1
J48A	Bridge Port	122.68	357	P	PKIKP	18 16 31.5 -0.1
K55A	Perry	122.74	352	P	PKIKP	18 16 31.8 -0.1
CCUT	Cedar City	122.79	25	P	PKIKP	18 16 30.6 -1.4
L59A	Walton	122.81	350	P	PKIKP	18 16 32.9 +1.1
MTPU	Mount Pierson	122.84	24	PKIKP	PKIKP	18 16 33.2 +1.0
SHOC	Shoshone, Teco	122.91	28	PKIKP	PKIKP	18 16 33.0 +0.9
SHRP	Sheep Range	122.91	27	PKIKP	PKIKP	18 16 32.4 +0.1
EDW2	Edwards Air Fo	122.92	30	P	PKIKP	18 16 32.7 +0.5
K54A	Basiliko Farm,	122.94	353	P	PKIKP	18 16 32.2 +0.2
BINY	Binghamton	122.96	350	P	PKIKP	18 16 32.0 0.0
BINY	Binghamton	122.96	350	IAMS_20	IAMS_20	19 16 17.7
JFWS	Jewell Farm	123.05	3	P	PKIKP	18 16 32.2 0.0
JFWS	Jewell Farm	123.05	3	IAMS_20	IAMS_20	19 15 08.3
L58A	Harry Jones Me	123.08	350	P	PKIKP	18 16 33.0 +0.7
K51A	Iona Station	123.11	355	P	PKIKP	18 16 32.8 +0.5
K50A	Casco	123.15	29	IAMS_20	IAMS_20	19 19 30.4
GSC	Goldstone, Bar	123.15	29	P	PKIKP	18 16 33.2 +0.4
GSC	Goldstone, Bar	123.15	29	PKIKP	PKIKP	18 16 34.2 +1.5
L56A	Greenwood	123.26	352	P	PKIKP	18 16 32.7 0.0
L57A	Andrews Acres	123.29	351	P	PKIKP	18 16 32.5 -0.2
LCMT	Little Creek M	123.30	25	P	PKIKP	18 16 33.1 +0.1
PKCU	Pink Cliffs	123.31	24	PKIKP	PKIKP	18 16 32.5 -0.6
L55A	Hinsdale	123.33	352	P	PKIKP	18 16 33.3 +0.5
K43A	Burlington	123.33	1	P	PKIKP	18 16 32.7 0.0
K43A	Burlington	123.33	1	IAMS_20	IAMS_20	19 15 31.1
OGNE	Ogallala	123.33	14	IAMS_20	IAMS_20	19 13 30.3
OGNE	Ogallala	123.33	14	IAMS_20	IAMS_20	19 13 30.3
M61A	Granite Spring	123.42	348	P	PKIKP	18 16 33.1 +0.2
TUQ	Turquoise Moun	123.45	28	P	PKIKP	18 16 33.4 0.0
KNB	Kanab	123.47	25	PKIKP	PKIKP	18 16 34.2 +0.8
KNB	Kanab	123.47	25	PKIKP	PKIKP	18 16 34.2 +0.8
ISCO	Idaho Springs	123.48	17	P	PKIKP	18 16 33.5 0.0
ISCO	Idaho Springs	123.48	17	PKIKP	MLR	18 16 33.2 -0.1
ISCO	Idaho Springs	123.48	17	PKIKP	PKIKP	18 16 33.2 -0.1
ISCO	Idaho Springs	123.48	17	IAMS_20	IAMS_20	19 16 47.5
M59A	Waymart	123.50	350	P	PKIKP	18 16 32.7 -0.2
KSPA	Keystone Cole	123.55	25	IAMS_20	IAMS_20	19 17 39.4
PV21	Cone Mtn., Par	123.55	21	PKIKP	PKIKP	18 16 31.5 -1.9
M60A	Port Jervis	123.57	349	P	PKIKP	18 16 33.1 -0.2
ERPA	Erie	123.57	354	IAMS_20	IAMS_20	19 17 49.9
BFSO	Mount Baldy Ra	123.60	31	P	PKIKP	18 16 34.1 +0.5
PV22	Blue Mesa, Par	123.64	21	PKIKP	PKIKP	18 16 33.1 -0.4
SMCO	Snowmass	123.65	19	PKIKP	PKIKP	18 16 33.4 -0.4
BGNE	Belgrade	123.67	10	P	PKIKP	18 16 33.6 +0.1
BGNE	Belgrade	123.67	10	PKIKP	PKIKP	18 16 32.0 -1.2
AAM	Ann Arbor	123.67	357	IAMS_20	IAMS_20	19 20 50.4
PV14	Lion Creek, Pa	123.71	21	PKIKP	PKIKP	18 16 32.6 -1.1
PAL	Palisades	123.74	348	P	PKIKP	18 16 33.3 -0.3
PV19	Morning Glory	123.78	21	IAMS_20	IAMS_20	19 20 57.6
ODNJ	Ogdensburg	123.80	349	IAMS_20	IAMS_20	19 19 26.2
PV12	Sauger Basin,	123.83	21	PKIKP	PKIKP	18 16 33.5 -0.4
M58A	Price's Panora	123.84	351	P	PKIKP	18 16 33.7 -0.1
L40A	Anamosa	123.84	4	P	PKIKP	18 16 33.0 -0.5
L44A	Anamosa	123.84	4	P	PKIKP	18 16 32.1 -1.4
L44A	Lake County Fo	123.86	1	P	PKIKP	18 16 33.5 -0.3
PV03	Paradox Valley	123.87	21	PKIKP	PKIKP	18 16 33.0 -0.9
PV03	Paradox Valley	123.87	21	IAMS_20	IAMS_20	19 20 58.2
PV13	Radium Mtn., P	123.97	21	PKIKP	PKIKP	18 16 33.0 -1.2
PV13	Radium Mtn., P	123.97	21	IAMS_20	IAMS_20	19 16 34.7
M57A	Sunshine Farm,	123.98	351	P	PKIKP	18 16 33.9 -0.2
M57A	Sunshine Farm,	123.98	3			

24d 18hr

Table with columns: ANMO, Albuquerque, 127.68, 20, PKIKP, PKIKP, 18 16 42.0 +0.1, etc. Lists various stations and their associated data points.

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Table with columns: V50A, Pikeville, 130.34, 358, P, PKIKP, 18 16 46.9 0.0, etc. Lists various stations and their associated data points.

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Table with columns: TLIG, Tlapa, 146.37, 20, PKPpdf, 18 17 16.3 +0.4, etc. Lists various stations and their associated data points.

SOME 24 18:06:14.8, 41:25N:78:65E, h15km
NNC 24 18:06:15.9, 2.7, 41:30N:78:63E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=18.6km s-min=12.4km az=172.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and names with associated data.

IDC 24 18:16:37.9+1.3, 14:11N:93:02E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/4, mbmtmp3.4/5, ML3.5/1, Error ellipse: s-maj=55.3km s-min=22.9km az=60.0, Andaman Islands region

24d 19h

Table with columns: LCO, Las Campanas, 49.03 281, eP, P, 19 33 55.4, -2.1, LCO, Las Campanas, 49.03 281, P, I, 19 33 55.2, -2.3, LCO, comp=Z,195nm,1.4s, IAMS_20, IAMS_20, 19 52 16.1, SLA, comp=Z,39um,20.0s, San Lorenzo, 49.88 289, eP, P, 19 34 12.8, +8.9, SLA, comp=Z,213nm,1.3s, Copiap, 49.93 282, P, P, 19 34 02.9, -1.3, GO03, comp=Z,84nm,1.0s, IAMS_20, IAMS_20, 19 52 09.9, BDFB, comp=Z,25um,19.0s, Brasilia, 49.94 313, P, P, 19 34 00.6, -3.7, BDFB, comp=Z,2.4nm,0.4s,baz=162,slow=9.6,SNR=0.8, S, S, 19 41 13.7, -1.0, BDFB, comp=Z,1.1nm,0.3s,baz=148,slow=18,SNR=1.7, LR, LR, 19 51 08.7, BDFB, comp=Z,38um,21.8s,baz=164,slow=31, LR, LR, 19 34 02.4, -1.9, BDFB, comp=Z,17um,19.0s, Brasilia, 49.94 313, P, P, 19 41 13.7, -1.0, BDFB, comp=Z,102nm,1.2s, Brasilia, 49.94 313, P, P, 19 34 02.4, -1.9, BDFB, comp=Z,210nm,1.2s, Zapla, 50.08 290, eP, P, 19 34 03.8, -1.7, AZAP, comp=Z,221nm,1.2s, ASCN, 50.22 358, IAMS_20, IAMS_20, 19 47 46.0, H10N1, ASCENSION HYDR60.31 358, T, T, 20 28 45.2, H10N3, ASCENSION HYDR60.31 358, T, T, 20 28 48.6, H10L2, ASCENSION HYDR60.33 358, T, T, 20 28 47.2, NBLA, Lagarto - SE, 50.85 328, eP, P, 19 34 08.2, -2.9, PPIB, Ponte de Pedra, 51.10 305, eP, P, 19 34 09.6, -2.5, HJA, Hamaehua, 51.10 290, eP, P, 19 34 12.1, -1.3, HJA, comp=Z,236nm,1.7s, ARAG, Araguaiana, MT, 51.39 309, eP, P, 19 34 12.9, -2.2, GO02, Mina Guanaco, 51.59 285, P, P, 19 34 15.3, -1.6, GO02, comp=Z,295nm,1.2s, IAMS_20, IAMS_20, 19 52 54.0, NBRF, Rio Formoso - I, 52.36 332, eP, P, 19 34 23.5, +1.2, PB14, IPOC Station P, 52.44 284, eP, P, 19 34 32.9, +1.0, LSZ, comp=Z,216nm,1.7s, Lusaka, 52.60 53, P, P, 19 34 20.5, -3.8, LSZ, comp=Z,6.2nm,1.0s,baz=203,slow=7.8,SNR=9.8, S, S, 19 41 49.6, -1.8, LSZ, comp=Z,2.7nm,1.1s,baz=90,slow=20,SNR=2.2, S, S, 19 34 22.8, -1.5, LSZ, comp=Z,8um,18.0s, Lusaka, 52.60 53, P, P, 19 34 22.8, -1.5, LSZ, comp=Z,7um,18.0s, Tacaratu-PE, 52.71 328, eP, P, 19 34 23.6, -1.4, NBTA, SALV, 52.86 305, eP, P, 19 34 24.5, -1.5, PB15, IPOC Station P, 53.14 286, eP, P, 19 34 37.8, +9.5, LVC, comp=Z,542nm,1.7s, Limon Verde, 53.35 287, LR, LR, 19 57 17.2, LVC, comp=Z,16um,19.4s,baz=157,slow=36, P, P, 19 34 28.6, -1.5, LVC, comp=Z,203nm,1.0s, MLR, MLR, LVC, comp=Z,21um,19.0s, Limon Verde, 53.35 287, eP, P, 19 34 27.9, -2.2, LVC, comp=Z,7um,18.0s, Limon Verde, 53.35 287, P, P, 19 34 28.6, -1.5, LVC, comp=Z,203nm,0.9s, Limon Verde, 53.35 287, IAMS_20, IAMS_20, 19 57 05.8, PB10, IPOC Station P, 53.44 285, eP, P, 19 34 37.3, +7.0, PB10, IPOC Station P, 53.44 285, P, P, 19 34 29.3, -1.0, PB06, comp=Z,26um,18.0s, IPOC Station P, 53.61 286, eP, P, 19 34 41.2, +9.5, NBLI, Livramento-1B, 54.09 330, eP, P, 19 34 34.2, -1.0, PB09, IPOC Station P, 54.20 287, eP, P, 19 34 45.5, +9.4, PB09, comp=Z,513nm,1.5s, PB04, IPOC Station P, 54.21 286, eP, P, 19 34 43.0, +6.8, PB04, IPOC Station P, 54.21 286, P, P, 19 34 34.2, -1.9, PB04, comp=Z,24um,19.0s, IPOC Station P, 54.25 287, eP, P, 19 34 40.6, +4.2, PB03, comp=Z,286nm,1.5s, NBPV, Pedro Velho, 54.57 332, eP, P, 19 34 40.0, +1.4, NBMA, Muriel-CE, 54.58 328, eP, P, 19 34 39.4, +0.7, PB07, IPOC Station P, 54.58 287, eP, P, 19 34 47.1, +8.2, PB07, comp=Z,329nm,1.3s, PB02, IPOC Station P, 54.93 287, eP, P, 19 34 47.8, +6.5, PB02, comp=Z,518nm,1.8s, IPOC Station P, 54.95 288, P, P, 19 34 39.3, -2.2, PB01, comp=Z,289um,21.0s, RCBR, Riachuelo, 55.29 332, eP, P, 19 34 45.2, +1.3, PB08, IPOC Station P, 55.54 288, eP, P, 19 34 54.4, +8.3, NBPA, Parau_RN, 55.68 330, eP, P, 19 34 48.0, +1.4, GO01, Chumizma, 55.96 289, P, P, 19 34 46.8, -2.4, GO01, comp=Z,143nm,1.1s, GO01, IAMS_20, IAMS_20, 19 59 12.0, PB11, comp=Z,22um,18.0s, IPOC Station P, 56.12 288, IAMS_20, IAMS_20, 19 35 04.9, PB11, comp=Z,284nm,1.4s, IPOC Station P, 56.12 288, P, P, 19 34 47.9, -2.0, PB11, comp=Z,290nm,1.4s, IAMS_20, IAMS_20, 20 01 17.0, PSCGX, Pisagua, 56.49 288, eP, P, 19 34 56.9, +4.4, PSCGX, comp=Z,152nm,1.2s, NBPB, Pedra_Branca-C, 56.55 327, eP, P, 19 34 54.1, +1.3, MNMC, Minye Minye, 56.62 289, P, P, 19 34 52.1, -1.5, MNMC, comp=Z,17um,19.0s, IPOC Station P, 57.42 288, eP, IAMS_20, IAMS_20, 19 35 08.6, +1.0, NBCL, Cascavel-CE, 57.45 329, eP, P, 19 35 00.2, +1.0, NBPS, Pedro II - PI, 58.18 326, eP, P, 19 35 05.5, +1.1, LPAZ, La Paz, 58.30 292, P, P, 19 35 03.9, -2.1, LPAZ, comp=Z,6.7nm,0.7s,baz=146,slow=4.1,SNR=25, S, S, 19 43 08.3, -0.3, LPAZ, comp=Z,1.3nm,0.9s,baz=233,slow=1.0,SNR=2.0, LR, LR, 19 58 49.9, LPAZ, comp=Z,17um,21.5s,baz=146,slow=35, P, P, 19 35 04.1, -1.8, LPAZ, comp=Z,548nm,1.6s, LPAZ, La Paz, 58.30 292, eP, P, 19 35 03.8, -2.1, LPAZ, comp=Z,22um,22.0s, Ambohidratompo, 58.70 74, P, P, 19 35 07.5, -0.7, NBMO, Morrinhos-CE, 58.81 328, eP, P, 19 35 09.9, +1.2, SAML, Samuel, 62.34 301, P, P, 19 35 30.4, -2.4, SAML, comp=Z,153nm,1.1s, SAML, Samuel, 62.34 301, P, P, 19 35 30.4, -2.4, SAML, comp=Z,153nm,1.1s, SAML, Samuel, 62.34 301, IAMS_20, IAMS_20, 19 59 54.2

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Table with columns: LIC, Lamto, 64.58, 9, eP, P, 19 35 54.0, +6.5, KIC, Kosan Boka, 64.73, 9, eP, P, 19 35 56.2, +7.6, TIC, Toumoudi, 64.99, 9, eP, P, 19 35 57.7, +7.4, DBIC, Dimbokro, 65.03, 9, P, P, 19 35 49.1, -1.4, DBIC, comp=Z,2.0nm,0.9s,baz=237,slow=18,SNR=1.8, LR, LR, 19 56 49.9, DBIC, comp=Z,5um,20.8s,baz=168,slow=29, P, P, 19 35 49.1, -1.4, DBIC, Dimbokro, 65.03, 9, S, S, 19 44 31.2, -1.3, DBIC, comp=Z,116nm,1.3s, Dimbokro, 65.03, 9, IAMB, IAMB, 19 36 39.4, NNA, comp=Z,1.16nm,1.3s, NNA, 66.32 286, P, P, 19 45 58.1, -0.9, NNA, comp=Z,4.3nm,0.4s,baz=163,slow=11, S, S, 19 34 48.8, +0.2, NNA, comp=Z,5.5nm,0.5s,baz=252,slow=19,SNR=2.2, P, P, 19 35 58.1, -0.9, NNA, comp=Z,132nm,1.1s, NNA, 66.32 286, S, S, 19 44 48.8, +0.2, NNA, comp=Z,21um,19.0s, NNA, 66.32 286, IAMS_20, IAMS_20, 20 04 19.5, NNA, comp=Z,21um,19.0s, NNA, 66.32 286, IAMB, IAMB, 19 36 35.9, MBAR, Mbarara, 66.92 48, eP, P, 19 36 04.6, +1.7, MBAR, comp=Z,14nm,1.6s, MBAR, 66.92 48, P, P, 19 36 03.2, +0.3, MBAR, comp=Z,10um,20.0s, MBAR, 66.92 48, IAMS_20, IAMS_20, 20 02 53.8, MCO, Macquarie Isla, 67.40 175, IAMS_20, IAMS_20, 20 08 36.1, PTGA, Pitinga, 68.28 308, P, P, 19 36 09.8, -1.5, PTGA, comp=Z,2.0nm,0.6s,baz=161,slow=10,SNR=1.6, S, S, 19 45 11.3, -0.6, PTGA, comp=Z,0.7nm,0.3s,baz=302,slow=9.5,SNR=2.0, P, P, 19 36 12.0, +0.7, PTGA, Pitinga, 68.28 308, eP, P, 19 36 11.7, +0.4, PTGA, comp=Z,225nm,1.6s, Pitinga, 68.28 308, IAMS_20, IAMS_20, 20 02 33.4, KMBO, Kilima Mbogo, 69.15 55, P, P, 19 36 15.2, -1.8, KMBO, comp=Z,67nm,1.5s, KMBO, 69.15 55, P, P, 19 36 15.2, -1.8, KMBO, Kilima Mbogo, 69.15 55, P, P, 19 36 15.2, -1.8, KMBO, Kilima Mbogo, 69.15 55, IAMS_20, IAMS_20, 20 11 12.0, RPN, Rapa Nui, 70.65 250, IAMS_20, IAMS_20, 20 01 24.1, ATAH, comp=Z,1.7um,22.0s, ATAH, 71.25 287, P, P, 19 36 29.4, -0.6, ATAH, comp=Z,3.1nm,0.3s,baz=144,slow=7.7,SNR=2.2, S, S, 19 45 46.9, -0.8, TOC4, Torodi Ar. Sit, 72.11 15, IAMS_20, IAMS_20, 20 10 09.2, TOC5, Torodi Ar. Sit, 72.12 15, IAMS_20, IAMS_20, 20 01 01.3, TOB4, Torodi Ar. Sit, 72.13 15, IAMS_20, IAMS_20, 20 01 01.6, TOB3, Torodi Ar. Sit, 72.13 15, IAMS_20, IAMS_20, 20 11 26.6, TOC3, Torodi Ar. Sit, 72.13 15, IAMS_20, IAMS_20, 20 11 26.6, TOA0, Torodi Ar. Sit, 72.14 15, P, P, 19 36 33.2, -1.6, TOA0, comp=Z,191nm,1.5s, TOA0, 72.14 15, IAMS_20, IAMS_20, 20 01 02.8, TOR0, Torodi Ar. Bea, 72.14 15, P, P, 19 36 32.7, -2.1, TOR0, comp=Z,3.4nm,1.1s,baz=170,slow=9.0,SNR=10, S, S, 19 45 57.1, +0.3, TOR0, comp=Z,0.3nm,0.7s,baz=171,slow=9.2,SNR=2.9, LR, LR, 20 04 34.1, TOR0, comp=Z,2um,18.1s,baz=250,slow=33, TOR0, Torodi Ar. Bea, 72.14 15, P, P, 19 36 32.7, -2.1, TOA2, Torodi Ar. Sit, 72.14 15, IAMS_20, IAMS_20, 20 01 01.9, TOB5, Torodi Ar. Sit, 72.14 15, IAMS_20, IAMS_20, 20 01 02.9, TOA1, Torodi Ar. Sit, 72.14 15, IAMS_20, IAMS_20, 20 01 03.0, TOB2, Torodi Ar. Sit, 72.15 15, IAMS_20, IAMS_20, 20 01 02.0, TOC2, Torodi Ar. Sit, 72.15 15, IAMS_20, IAMS_20, 20 10 10.2, TOB1, Torodi Ar. Sit, 72.15 15, IAMS_20, IAMS_20, 19 58 32.2, TOC7, Torodi Ar. Sit, 72.15 15, IAMS_20, IAMS_20, 20 01 00.2, TOC1, Torodi Ar. Sit, 72.16 15, IAMS_20, IAMS_20, 20 01 01.5, M05E, Mahe Island, 74.71 74, IAMS_20, IAMS_20, 20 03 57.1, WHZ, Wether Hill Ro, 76.21 181, IAMS_20, IAMS_20, 20 13 21.9, DCZ, Deep Cove, 76.64 180, IAMS_20, IAMS_20, 20 15 34.7, MLZ, Mavora Lakes, 76.74 181, IAMS_20, IAMS_20, 20 11 05.4, ODZ, Otahua Downs, 77.02 183, IAMS_20, IAMS_20, 20 09 48.7, WKZ, Wanaka, 77.27 181, IAMS_20, IAMS_20, 20 13 14.3, OTAV, comp=Z,18um,18.0s, OTAV, 77.61 291, eP, P, 19 37 08.4, +1.3, OTAV, comp=Z,1um,21.0s, OTAV, 77.61 291, IAMS_20, IAMS_20, 20 08 02.0, LBZ, Lake Benmore, 76.99 182, IAMS_20, IAMS_20, 20 10 18.4, TAU, comp=Z,15um,19.0s, TASmania Unive, 77.84 165, IAMS_20, IAMS_20, 20 09 08.8, RPZ, Rata Peaks, 78.34 183, IAMS_20, IAMS_20, 20 10 23.6, CRLZ, Canterbury Lakes, 78.43 184, IAMS_20, IAMS_20, 20 11 32.9, OXZ, Oxford, 78.70 184, IAMS_20, IAMS_20, 20 11 53.7, FURI, Furi, 78.76 52, IAMS_20, IAMS_20, 20 12 01.7, LUTZ, Lake Taylor, 79.23 184, IAMS_20, IAMS_20, 20 12 07.8, GIV, comp=Z,15um,19.0s, GIV, 79.50 311, eP, P, 19 37 29.2, +1.2, KHZ, Kahutara, 79.59 185, IAMS_20, IAMS_20, 20 12 28.1, ROSC, El Rosal, 79.63 297, P, P, 19 37 16.8, -1.4, ROSC, comp=Z,4.7nm,0.3s,baz=54,slow=19,SNR=2.3, S, S, 19 47 19.8, -0.7, ROSC, comp=Z,11nm,0.4s,baz=233,slow=20,SNR=2.6, LR, LR, 20 11 07.7, ROSC, comp=Z,31um,21.8s,baz=190,slow=35, ROSC, El Rosal, 79.63 297, IAMS_20, IAMS_20, 20 10 57.0, ROSC, comp=Z,20um,20.0s, El Rosal, 79.63 297, IAMB, IAMB, 19 37 51.9, NWA0, Narrogin (SRO), 80.02 139, IAMS_20, IAMS_20, 20 18 49.8, THZ, Tophas, 80.23 184, IAMS_20, IAMS_20, 20 13 03.1, SNZ0, South Karori, 80.59 186, IAMS_20, IAMS_20, 20 14 19.8, GRGR, Greenville, 80.62 312, IAMS_20, IAMS_20, 20 11 04.6, BBGH, Gun Hill, 80.73 314, IAMS_20, IAMS_20, 20 11 03.6, BRZ, Birch Farm, 81.13 187, IAMS_20, IAMS_20, 20 12 23.6, QFZ, Quartz Range, 81.18 184, IAMS_20, IAMS_20, 20 13 34.8, SDV, Santo Domingo, 81.50 302, P, P, 19 37 25.8, -2.1, SDV, comp=Z,3.3nm,0.4s,baz=310,slow=17,SNR=2.4, S, S, 19 37 29.9, +1.9, SDV, Santo Domingo, 81.50 302, IAMS_20, IAMS_20, 20 11 47.9, TAM, Tamarrasset, 82.17 17, P, P, 19 37 30.5, -0.7, TAM, comp=Z,74nm,1.3s, TAM, 82.17 17, P, P, 19 37 30.5, -0.7, TAM, comp=Z,4um,18.0s

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Table with columns: TAM, Tamarrasset, 82.17, 17, P, P, 19 37 30.5, -0.7, BKZ, Black Stump Fm, 82.62 187, IAMS_20, IAMS_20, 20 10 59.4, FDF, Fort de France, 82.80 313, IAMS_20, IAMS_20, 20 16 06.2, TOO, Toolangi, 82.81 163, IAMS_20, IAMS_20, 20 10 12.4, PAYG, comp=Z,21um,20.0s, 82.85 280, IAMS_20, IAMS_20, 20 07 42.2, ATD, Arta Tunnel, 82.89 55, IAMS_20, IAMS_20, 20 12 28.2, MORW, Moray, 83.11 137, IAMS_20, IAMS_20, 20 07 16.4, HIZ, Huiti, 83.37 186, IAMS_20, IAMS_20, 20 13 15.3, URZ, Urewera, 83.48 188, IAMS_20, IAMS_20, 20 12 23.1, MXZ, Matakaoa Point, 84.08 189, IAMS_20, IAMS_20, 20 11 59.0, FORT, Forrest, 85.45 147, IAMS_20, IAMS_20, 20 11 01.2, CAN, Canberra, 85.53 165, IAMS_20, IAMS_20, 20 13 55.3, BBOO, Bucklebo, 85.60 154, IAMS_20, IAMS_20, 20 11 14.3, ANWB, Willy B, 85.72 314, IAMS_20, IAMS_20, 20 13 45.6, SEUS, St. Eustatius, 86.02 313, IAMS_20, IAMS_20, 20 18 22.5, BCIP, Isla Barro Col, 86.03 294, IAMS_20, IAMS_20, 20 17 46.1, SABA, Saba, 86.23 213, IAMS_20, IAMS_20, 20 16 18.3, DAMY, Dhamar, 86.27 55, IAMS_20, IAMS_20, 20 21 47.7, SMRT, St. Maarten, 86.56 313, IAMS_20, IAMS_20, 20 13 33.9, OUZ, Omahuta, 86.72 185, IAMS_20, IAMS_20, 20 13 54.9, STKA, Stephens Creek, 87.68 158, P, P, 19 37 59.3, +0.4, STKA, comp=Z,1.6nm,0.8s,baz=151,slow=7.2,SNR=2.9, PP, PP, 19 41 24.1, +0.8, STKA, comp=Z,3.9nm,1.0s,baz=79,slow=10,SNR=2.0, LR, LR, 20 14 47.1, STKA, Stephens Creek, 87.68 158, P, P, 19 37 59.3, +0.4, STKA, comp=Z,12nm,1.3s, STKA, 87.68 158, IAMS_20, IAMS_20, 20 21 07.4, STKA, Stephens Creek, 87.68 158, IAMS_20, IAMS_20, 20 21 07.4, SJJG, San Juan, 87.83 310, P, P, 19 37 57.7, -1.8, SJJG, comp=Z,3.5nm,0.3s,baz=79,slow=5.2,SNR=1.8, P, P, 19 37 57.7, -1.8, SJJG, comp=Z,75nm,1.2s, SJJG, 87.83 310, IAMS_20, IAMS_20, 20 14 15.5, SJJG, San Juan, 87.83 310, IAMB, IAMB, 19 38 43.4, GIRL, Giralia, 88.24 132, IAMS_20, IAMS_20, 20 16 56.3, HDC, Heredia, 88.83 291, IAMS_20, IAMS_20, 20 15 55.5, JTS, Las Juntas de, 89.50 290, P, P, 19 38 05.8, -1.7, JTS, comp=Z,1.5nm,0.3s,baz=188,slow=3.2,SNR=2.0, PP, PP, 19 41 38.1, -0.9, JTS, Las Juntas de, 89.50 290, P, P, 19 38 05.3, -2.3, JTS, comp=Z,132nm,1.4s, JTS, 89.50 290, IAMS_20, IAMS_20, 20 15 29.1, SDD, Santo Domingo, 89.69 307, IAMS_20, IAMS_20, 20 15 53.2, COCO, West Island, 89.75 113, IAMS_20, IAMS_20, 20 24 01.6, LHI, Lord Howe Isla, 90.30 173, IAMS_20, IAMS_20, 20 22 39.3, ARMA, Armidale, 90.70 167, IAMS_20, IAMS_20, 20 17 55.2, SDDR, comp=Z,21um,18.0s, 90.74 306, IAMS_20, IAMS_20, 20 22 02.5, PMOZ, Porto Moniz, M, 90.81 356, eLR, LR, 20 04 13.7, ESPN, comp=Z,4um,20.0s, 90.81 292, IAMS_20, IAMS_20, 20 18 28.0, TBI, Tubuai, 91.01 219, eLR, LR, 20 07 10.2, PSAD, Pilbara Seism, 91.23 137, IAMS_20, IAMS_20, 20 14 04.6, PSAC3, Pilbara Seism, 91.27 137, IAMS_20, IAMS_20, 20 14 06.7, PSAB, Pilbara Seism, 91.31 137, IAMS_20, IAMS_20, 20 13 27.6, PSAA1, Pilbara Seism, 91.31 137, IAMS_20, IAMS_20, 20 24 13.8, PSAB1, Pilbara Seism, 91.32 137, IAMS_20, IAMS_20, 20 24 14.9, PSAA0, Pilbara Seism, 91.32 137, IAMS_20, IAMS_20, 20 13 56.0, PSAD2, Pilbara Seism, 91.32 137, IAMS_20, IAMS_20, 20 19 43.1, PSAA2, Pilbara Seism, 91.33 137, IAMS_20, IAMS_20, 20 14 08.3, PSAC1, Pilbara Seism, 91.34 137, IAMS_20, IAMS_20, 20 13 58.6, PSAC2, Pilbara Seism, 91.35 137, IAMS_20, IAMS_20, 20 13 17.8, PSAD1, Pilbara Seism, 91.42 137, IAMS_20, IAMS_20, 20 14 10.7, MBWA, Marble Bar, 91.66 317, IAMS_20, IAMS_20, 20 13 39.0, RTC, Rabat Centre, 92.03 5, IAMS_20, IAMS_20, 20 17 48.8, ESTN, Estel, 92.61 291, IAMS_20, IAMS_20, 20 17 41.6, MTDJ, Mount Detham, 92.83 301, IAMS_20, IAMS_20, 20 23 31.7, GTBY, Guantanamo Bay, 93.24 303, IAMS_20, IAMS_20, 20 18 12.0, ASAR, Alice Springs, 93.80 150, P, P, 19 38 25.5, -2.1, ASAR, comp=Z,0.6nm,0.8s,baz=186,slow=5.1,SNR=4.8, PP, PP, 19 42 22.1, +1.0, ASAR, comp=Z,5.4nm,1.0s,baz=188,slow=5.7,SNR=4.7, LR, LR, 20 15 56.0, ASAR, comp=Z,5um,22.0s,baz=192,slow=32, ASAR, Alice Springs, 93.80 150, P, P, 19 38 25.6, -2.0, ASAR, Alice Springs, 93.80 150, P, P, 19 38 25.6, -2.0, AS31, Alice Springs, 93.80 150, IAMS_20, IAMS_20, 20 21 22.6, TGUH, Teeguigalpa, 93.87 290, IAMS_20, IAMS_20, 20 17 32.1, SFS, San Fernando, 94.53 5, IAMS_20, IAMS_20, 20 10 22.9, SNET, Serv Nac Est T, 94.53 289, IAMS_20, IAMS_20, 20 16 57.6, RAYN, Ar Rayn, 94.70 52, IAMS_20, IAMS_20, 20 17 07.1, XMIS, Christmas Isla, 95.41 120, IAMS_20, IAMS_20, 20 11 07.5, KEST, Kesra, 95.46 18, P, P, 19 38 31.0, -3.6, KEST, comp=Z,1.4nm,0.8s,baz=343,slow=19,SNR=1.9, LR, LR, 20 17 23.9, KEST, comp=Z,5um,19.3s,baz=164,slow=33, P, P, 19 38 31.1, -3.6, KEST, comp=Z,39nm,1.4s, KEST, 95.61 165, IAMS_20, IAMS_20, 20 25 24.6, EIDS, Eidsvold, 95.61 165, IAMS_20, IAMS_20, 20 18 17.2, CART, Cartagena, 96.00 9, IAMS_20, IAMS_20, 20 20 42.8, RAR, Rarotonga, 96.21 211, IAMS_20, IAMS_20, 20 14 46.7, PPTF, Pamatai, Papee, 96.45 221, IAMS_20, IAMS_20, 20 18 28.3, PPT2, comp=Z,4um,18.0s, 96.46 221, eLR, LR, 20 10 16.7, PPT, Papeete, 96.48 221, LR, LR, 20 15 32.2, PPT, comp=Z,34um,27.5s, comp=Z,1um,18.0s,baz=160,slow=31

24d 19h

Table with columns for station ID, call letters, frequency, and various technical parameters. Includes stations like N59A, 833A, PLAL, K62A, etc.

2013 OCT

Table with columns for station ID, call letters, frequency, and various technical parameters. Includes stations like WHTX, HPIG, E63A, HENM, etc.

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Table with columns for station ID, call letters, frequency, and various technical parameters. Includes stations like MANU, I47A, N41A, H48A, etc.

24d 20h

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like EYK Eagle Plains, USAOB Ussuriysk Arra, USRK Ussuriysk Arra, etc.

2013 OCT

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like YSS Yuzh-Sakhalins, YSS YSS, YSS YSS, etc.

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Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like KURBB Kurchatov Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

24d 20h

Table with columns for station name, frequency, power, and signal strength. Includes stations like STKA, ARPS, COEN, MANU, BBOO, etc.

2013 OCT

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

1248

Table with columns for station name, frequency, power, and signal strength. Includes stations like O03E, OMMB, OMMB, MPMC, GSC, etc.

R11A	comp=Z,36nm,1.0s Troy Canyon, C baz=234,SNR=14	83.35	44	P	P	20 44 58.2	-0.1
R11A	comp=Z,36nm,1.0s Troy Canyon, C baz=234,SNR=14	83.35	44	P	P	20 44 58.1	-0.1
H04A	comp=Z,36nm,1.0s Detroit Lake	83.37	36	I	Amb	20 45 37.3	-0.2
PINE	comp=Z,56nm,1.1s Pine Mountain	83.47	37	P	P	20 44 53.5	+0.7
BMN	comp=Z,92nm,1.2s Battle Mountai	83.56	41	P	P	20 44 58.7	-0.6
BMN	comp=Z,48nm,1.3s Battle Mountai	83.56	41	P	P	20 44 58.6	-0.6
F04D	comp=Z,48nm,1.2s Rainier, OR baz=228	83.86	34	P	P	20 45 00.9	+0.5
319A	comp=Z,52nm,1.0s Lebam	83.88	34	P	P	20 45 01.3	+0.8
X16A	comp=Z,69nm,1.0s Lo Mia Camp, P	83.93	49	P	P	20 45 01.9	+0.6
F04A	comp=Z,39nm,1.0s Amboy	84.06	35	P	P	20 45 01.0	-0.4
LCMT	comp=Z,87nm,1.2s Little Creek M	84.12	46	P	P	20 45 02.0	-1.9
G05D	comp=Z,87nm,1.2s Wamic, OR baz=230	84.20	36	P	P	20 45 02.1	-0.1
NLWA	comp=Z,52nm,1.0s Neilton Lookou	84.29	33	P	P	20 45 02.2	-0.4
CCUT	comp=Z,76nm,1.3s Cedar City	84.34	45	P	P	20 45 03.9	+0.5
E04D	comp=Z,76nm,1.3s Cinebar	84.40	34	P	P	20 45 04.1	+1.0
KNB	comp=Z,76nm,1.3s Kanab	84.40	46	P	P	20 45 04.7	+1.1
KNB	comp=Z,76nm,1.3s Kanab	84.40	46	P	P	20 45 04.7	+1.1
KNB	comp=Z,76nm,1.3s Kanab	84.41	58	P	P	20 45 02.3	-1.7
F05D	comp=Z,76nm,1.3s White Salmon	84.54	35	P	P	20 45 04.2	+0.4
SZCU	comp=Z,76nm,1.3s Shurtz Canyon	84.55	46	P	P	20 45 04.6	+0.2
WUAZ	comp=Z,76nm,1.3s Wupatki	84.56	48	P	P	20 45 04.9	+0.5
WUAZ	comp=Z,76nm,1.3s Wupatki	84.56	48	P	P	20 45 04.5	+0.1
PSUT	comp=Z,76nm,1.3s Pine Spring	84.57	44	P	P	20 45 04.3	-0.2
DIB	comp=Z,76nm,1.3s Dawson Inlet,	84.65	25	P	P	20 45 04.8	+0.7
D04E	comp=Z,76nm,1.3s Lakebay	84.71	34	P	P	20 45 05.3	+0.7
IPM	comp=Z,76nm,1.3s Ipho	84.73	277	P	P	20 45 05.7	+0.1
BRLK	comp=Z,76nm,1.3s Bradley Lake	84.77	13	P	P	20 45 05.0	+0.2
D03D	comp=Z,47nm,0.8s Eldon	84.78	33	P	P	20 45 05.9	+0.9
WHN	comp=Z,228 Wuhan	84.79	306	P	P	20 45 07.3	+1.9
CN2	comp=Z,20nm,1.3s Changchun	84.81	322	p	max	20 45 06.3	+1.1
LOX	comp=Z,20nm,1.3s Longmire	84.92	34	P	P	20 45 05.6	-0.2
LOX	comp=Z,16nm,1.0s Longmire	84.92	34	P	P	20 45 05.6	-0.2
SYO	comp=Z,16nm,1.0s Syowa Base	84.93	192	eP	P	20 45 04.4	-1.1
SYO	comp=Z,16nm,1.0s Syowa Base	84.93	192	eP	P	20 45 08.0	-0.6
ELK	comp=Z,16nm,1.0s Elko	84.96	42	P	P	20 45 06.3	+0.3
ELK	comp=Z,16nm,1.0s Elko	84.96	42	P	P	20 45 06.3	-0.1
ELK	comp=Z,16nm,1.0s Elko	84.96	42	P	P	20 45 06.3	-0.1
PKCU	comp=Z,16nm,1.0s Pink Cliffs	84.98	46	P	P	20 45 06.8	+0.1
X18A	comp=Z,16nm,1.0s Snowflake	85.03	50	P	P	20 45 06.2	-0.6
X18A	comp=Z,16nm,1.0s Snowflake	85.03	50	P	P	20 45 06.2	-0.6
KLR	comp=Z,97nm,1.8s Kul'dur	85.05	329	P	P	20 45 05.9	-0.4
KLR	comp=Z,97nm,1.8s Kul'dur	85.05	329	P	P	20 45 07.8	+1.5
R0B	comp=Z,26nm,2.3s Redoubt South	85.06	12	P	P	20 45 06.2	-0.2
UBPT	comp=Z,26nm,2.3s Khong Chiam	85.09	289	P	P	20 45 08.0	+0.7
D05A	comp=Z,72nm,1.3s Enumclaw	85.11	34	P	P	20 45 07.1	+0.4
SVWZ	comp=Z,72nm,1.3s Sparrevohn	85.15	10	P	P	20 45 06.1	-0.5
PGC	comp=Z,124nm,1.9s Sidney	85.35	32	P	P	20 45 07.7	-0.1
F07A	comp=Z,28nm,0.9s Phinny Hill Vi	85.37	36	P	P	20 45 07.0	-1.0
KULM	comp=Z,68nm,1.7s Kulim	85.39	278	P	P	20 45 09.9	+1.0
MTPU	comp=Z,46nm,0.7s Mount Pierson	85.39	46	P	P	20 45 10.1	+1.3
W18A	comp=Z,46nm,0.7s Petrified Fore	85.49	49	P	P	20 45 09.4	+0.3
W18A	comp=Z,46nm,0.7s Petrified Fore	85.49	49	P	P	20 45 08.9	-0.2
G08A	comp=Z,75nm,1.4s Pilot Rock	85.52	37	P	P	20 45 09.3	+0.4
121A	comp=Z,68nm,1.5s Cooks Peak, D	85.55	52	P	P	20 45 09.0	-0.5
121A	comp=Z,68nm,1.5s Cooks Peak, D	85.55	52	P	P	20 45 09.8	+0.3
MSU	comp=Z,33nm,1.0s Marysvalle	85.65	45	P	P	20 45 13.2	-0.2
MSU	comp=Z,33nm,1.0s Marysvalle	85.65	45	P	P	20 45 07.8	-2.1
BBB	comp=Z,28nm,0.9s Bella Bella	85.67	28	P	P	20 45 08.9	-0.3
BBB	comp=Z,28nm,0.9s Bella Bella	85.67	28	P	P	20 45 08.2	-1.1
TIA	comp=Z,28nm,0.9s Tairan	85.70	312	P	P	20 45 10.5	+0.6
A04D	comp=Z,28nm,0.9s Lummi Island	85.76	32	P	P	20 45 11.1	+1.3
B05A	comp=Z,28nm,0.9s Bryant	85.77	33	P	P	20 45 10.3	+0.4
E07A	comp=Z,38nm,1.1s Sanae	85.83	178	P	P	20 45 11.7	+1.6
SNAE	comp=Z,38nm,1.1s Sanae	85.83	178	P	P	20 45 10.2	+0.1
SNAE	comp=Z,14nm,0.8s Sanae	85.83	178	P	P	20 45 10.2	+0.1
SNAE	comp=Z,1.2nm,0.9s Sanae	85.83	178	P	P	21 03 12.3	-0.2
SNAE	comp=Z,1.2nm,0.9s Sanae	85.83	178	P	P	20 45 09.1	-1.0
SNAE	comp=Z,1.2nm,0.9s Sanae	85.83	178	P	P	20 45 10.6	+0.5
LTY	comp=Z,41nm,1.2s Liberty	85.84	34	P	P	20 45 09.5	-0.9
HAWA	comp=Z,45nm,1.6s Hanford	85.90	36	P	P	20 45 09.1	-1.5
VNA3	comp=Z,68nm,1.4s Neumayer Olym	85.91	176	P	P	20 45 11.2	+0.8
RPSI	comp=Z,51nm,0.8s Rantau Prapat	85.97	275	P	P	20 45 11.0	-0.7
RPSI	comp=Z,51nm,0.8s Rantau Prapat	85.97	275	P	P	20 45 15.9	
RPSI	comp=Z,51nm,0.8s Rantau Prapat	85.97	275	P	P	20 45 11.4	-0.3
PSI	comp=Z,46nm,0.8s Prapat	86.01	275	P	P	20 45 11.4	-0.7
PSI	comp=Z,4.8nm,0.5s Prapat	86.01	275	P	P	20 48 31.5	-2.4
PSI	comp=Z,4.8nm,0.5s Prapat	86.01	275	P	P	20 45 11.0	-1.1
TLIG	comp=Z,51nm,0.8s Tlapi	86.08	69	P	P	20 45 11.7	-0.6
MFID	comp=Z,61nm,1.4s Camas Ranch	86.17	40	P	P	20 45 11.1	-1.1
MFID	comp=Z,61nm,1.4s Camas Ranch	86.17	40	P	P	20 45 44.8	-0.6

DUG	comp=Z,46nm,0.7s Dugway, Tooele	86.17	44	P	P	20 45 12.9	+0.6
DUG	comp=Z,46nm,0.7s Dugway, Tooele	86.17	44	P	P	20 45 11.0	-1.3
DUG	comp=Z,14nm,1.3s Dugway, Tooele	86.17	44	P	P	20 45 11.0	-1.3
BMO	comp=Z,14nm,1.3s Blue Mountains	86.17	38	P	P	20 45 11.5	-0.6
BMO	comp=Z,14nm,1.3s Blue Mountains	86.17	38	P	P	20 45 44.0	+0.8
BMO	comp=Z,22nm,1.4s Blue Mountains	86.17	38	P	P	20 45 11.5	-0.6
E08A	comp=Z,49nm,0.8s Dider Farm, El	86.21	36	P	P	20 45 40.0	+0.8
SUA	comp=Z,49nm,0.8s Susitna One	86.36	12	P	P	20 45 43.9	+0.6
SUA	comp=Z,49nm,0.8s Susitna One	86.36	12	P	P	20 45 12.2	-0.5
VNA2	comp=Z,22nm,1.4s Neumayer-Watz	86.37	176	P	P	20 45 48.9	
Q16A	comp=Z,22nm,1.4s Castle Valley	86.53	45	P	P	20 45 13.8	+1.1
GLI	comp=Z,22nm,1.4s Neumayer-Stat	86.59	14	P	P	20 45 12.1	-2.1
GLI	comp=Z,22nm,1.4s Neumayer-Stat	86.59	14	P	P	20 45 15.8	+1.9
GLI	comp=Z,22nm,1.4s Neumayer-Stat	86.59	14	P	P	20 45 13.4	-0.3
GLI	comp=Z,22nm,1.4s Neumayer-Stat	86.59	14	P	P	20 45 17.3	
TMUT	comp=Z,48nm,0.7s Trail Mountain	86.71	42	P	P	20 45 15.2	0.0
X06E	comp=Z,48nm,0.7s Carurhue	86.72	135	P	P	20 45 15.9	+0.8
KNK	comp=Z,40nm,1.0s Knik Glacier	86.78	13	P	P	20 45 18.5	
KNK	comp=Z,40nm,1.0s Knik Glacier	86.78	13	P	P	20 45 13.9	-0.7
PMR	comp=Z,64nm,1.5s Palmer	86.80	13	P	P	20 45 17.9	
PMR	comp=Z,64nm,1.5s Palmer	86.80	13	P	P	20 45 15.1	+0.5
PMR	comp=Z,109nm,1.8s Palmer	86.80	13	P	P	20 45 15.1	+0.5
PLCA	comp=Z,109nm,1.8s Paso Flores	86.83	133	P	P	20 45 21.3	
PLCA	comp=Z,109nm,1.8s Paso Flores	86.83	133	P	P	20 45 17.0	+1.3
PLCA	comp=Z,15nm,1.1s Paso Flores	86.83	133	P	P	20 45 46.7	-0.4
PLCA	comp=Z,15nm,1.1s Paso Flores	86.83	133	P	P	21 16 00.9	
PLCA	comp=Z,356nm,21.4s Paso Flores	86.83	278	P	P	20 45 16.9	+1.3
F10A	comp=Z,62nm,1.4s Beach Ranch, E	86.90	37	P	P	20 45 19.2	
LENM	comp=Z,62nm,1.4s Lemitar	86.96	51	P	P	20 45 14.6	-1.0
GHO	comp=Z,62nm,1.4s Glory Hole Cre	87.01	13	P	P	20 45 16.6	+0.3
GHO	comp=Z,62nm,1.4s Glory Hole Cre	87.01	13	P	P	20 45 15.2	-0.6
SPUT	comp=Z,38nm,0.6s South Promonto	87.02	43	P	P	20 45 20.4	
PLID	comp=Z,38nm,0.6s Pearl Lake	87.06	38	P	P	20 45 17.1	+0.7
SRU	comp=Z,38nm,0.6s San Rafael Swe	87.06	45	P	P	20 45 15.7	-0.9
SRU	comp=Z,38nm,0.6s San Rafael Swe	87.06	45	P	P	20 45 16.4	-0.3
HVVU	comp=Z,30nm,1.0s Hansel Valley	87.08	42	P	P	20 45 15.7	-1.0
HVVU	comp=Z,30nm,1.0s Hansel Valley	87.08	42	P	P	20 45 17.4	+0.3
TX31	comp=Z,14nm,1.1s Lajitas Ar	87.10	57	P	P	20 45 46.9	-1.3
TX31	comp=Z,14nm,1.1s Lajitas Ar	87.10	57	P	P	20 45 52.4	
TX32	comp=Z,62nm,1.4s Lajitas Array	87.10	57	P	P	20 45 17.6	+0.6
TX32	comp=Z,62nm,1.4s Lajitas Array	87.10	57	P	P	20 45 47.1	-1.0
TX32	comp=Z,62nm,1.4s Lajitas Array	87.10	57	P	P	20 45 52.4	
TXAR	comp=Z,68nm,1.4s Lajitas Array	87.10	57	P	P	20 45 17.2	+0.2
TXAR	comp=Z,68nm,1.4s Lajitas Array	87.10	57	P	P	20 45 47.4	-0.8
TXAR	comp=Z,10nm,1.1s Lajitas Array	87.10	57	P	P	21 03 10.3	+1.3
TXAR	comp=Z,1.7nm,0.7s Lajitas Array	87.10	57	P	P	21 11 19.5	+3.6
TXAR	comp=Z,0.6nm,0.8s Lajitas Array	87.10	57	P	P	20 45 17.0	0.0
TXAR	comp=Z,0.6nm,0.8s Lajitas Array	87.10	57	P	P	20 45 17.0	-0.5
TXAR	comp=Z,0.6nm,0.8s Lajitas Array	87.10	57	P	P	20 45 47.6	-0.5
TXAR	comp=Z,0.6nm,0.8s Lajitas Array	87.10	57	P	P	20 45 16.7	-0.3
WRAK	comp=Z,27nm,1.1s Wrangell Islan	87.16	23	P	P	20 45 17.5	+1.0
WRAK	comp=Z,27nm,1.1s Wrangell Islan	87.16	23	P	P	20 45 26.8	
BNN	comp=Z,27nm,1.1s Barren Site	87.20	51	P	P	20 45 17.8	+0.2
WAX	comp=Z,27nm,1.1s Waxell Ridge	87.23	16	P	P	20 45 17.8	+0.9
B08A	comp=Z,27nm,1.1s Colville Reser	87.24	34	P	P	20 45 16.6	-0.6
LPM	comp=Z,27nm,1.1s Los Pinos Moun	87.28	51	P	P	20 45 17.9	0.0
LPM	comp=Z,27nm,1.1s Los Pinos Moun	87.28	51	P	P	20 45 19.6	+0.3
SCM	comp=Z,27nm,1.1s Sheep Creek Mo	87.40	13	P	P	20 45 19.9	-0.7
SCM	comp=Z,27nm,1.1s Sheep Creek Mo	87.40	13	P	P	20 45 21.0	
SCM	comp=Z,27nm,1.1s Sheep Creek Mo	87.40	13	P	P	20 45 18.4	-0.2
MVCO	comp=Z,27nm,1.1s Mesa Verde	87.42	48	P	P	20 45 16.9	-1.7
MVCO	comp=Z,27nm,1.1s Mesa Verde	87.42	48	P	P	20 45 17.6	+0.5
MVCO	comp=Z,27nm,1.1s Mesa Verde	87.42	48	P	P	20 45 49.3	0.0
C09A	comp=Z,27nm,1.1s Chrisman Ranch	87.45	35	P			

24d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JMK Ichinoseki, JMM Marumori, JOU Okura, etc.

ICSBJ 24 22:35:42.6 0.9, 47.8N:0.2:27.4W:0.2, h10km, mb3.5/7, Error ellipse: s-maj=32.3km s-min=16.1km az=15.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ESDC Sonseca Array, GERE GERE Array B, etc.

IC 24 22:35:44.1 1.0, 47.80N:27.39W, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/5.1, mbtmpt3.6/8, ML4.8/1, Error ellipse: s-maj=38.9km s-min=19.8km az=10.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ESDC Sonseca Array, GERE GERE Array B, etc.

IC 24 22:38:53.0 0.6, 4.21N:0.10:32.47W, h0km, mb4.1/21, mb1 4.3/22, mb1mx4.1/4.5, mbtmpt4.2/22, ML4.1/1, MS4.0/21, Ms1 4.0/21, ms1mx3.9/30, Error ellipse: s-maj=21.4km s-min=12.5km az=149.0

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

IC 24 22:38:57.0 0.4, 4.12N:0.07:32.47W, h0km, n126, r1506/109, mb4.6/4.6, MS4.0/21, 10C-6D, Central Mid-Atlantic Ridge

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CPUP Villa Florida, PFVI Vila Bisbo, SFS San Fernando, etc.

IC 24 22:35:42.6 0.9, 47.8N:0.2:27.4W:0.2, h10km, mb3.5/7, Error ellipse: s-maj=32.3km s-min=16.1km az=15.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like DRGR Tarpa, ARR Arges, MATP Matopo, etc.

IC 24 22:35:44.1 1.0, 47.80N:27.39W, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/5.1, mbtmpt3.6/8, ML4.8/1, Error ellipse: s-maj=38.9km s-min=19.8km az=10.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like VOIR DOPCA, MNR Muntele Rosu, etc.

IC 24 22:38:53.0 0.6, 4.21N:0.10:32.47W, h0km, mb4.1/21, mb1 4.3/22, mb1mx4.1/4.5, mbtmpt4.2/22, ML4.1/1, MS4.0/21, Ms1 4.0/21, ms1mx3.9/30, Error ellipse: s-maj=21.4km s-min=12.5km az=149.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ANMO Albuquerque, BNM Barren Site, LPM Los Pinos Moun, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like FLYW Flagg Ranch, IMW Indian Meadow, MTPU Mount Pierson, etc.

ISC 24 22:41:54.3 0.8, 50.04N:0.03:19.10E, h0km, n28, r1521/53, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CHPZ Chorzw, CHPZ Ojcow, Ostrava-Krasne, etc.

DDA 24 22:44:19.8 0.40:39N:29.02E, h7km, 3km, ML2.9

ISK 24 22:44:19.8 0.40:41N:29.02E, h6km, ML2.6/20

ICSBJ 24 22:44:20.3 0.4, 40.42N:0.02:29.02E, h0.3, h6km, 3km, Error ellipse: s-maj=4.2km s-min=3.6km az=23.6

IC 24 22:44:20.2 0.9, 40.40N:0.02:29.01E, h0.3, h11km, 6km, n36, r055/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MDNY Mudanya-Bursa, GEMT Gemlik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARSB Arslanbob, AML Almayashu, ARLS Aral, etc.

Table with columns: ONAJ, Iwakimizuishi, 0.64 244, P, Pn, 22 59 55.5 -0.1, etc.

TRN 24 23:34:50.0, 17:02N, 61.13W, h17km, MD4.0
NEIC 24 23:45:52.0, 2.5, 7.11N, 0.06, 61.07W, 0.08, h37km, 8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DEG La Desirade, BPA Boggy Peak, etc.

ISC 24 23:59:16.4, 0.3, 1.19N, 0.05, 72.67E, h15km, 15km, n20, n1505/37, 20C-9D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, KMSI Cibirong, etc.

Table with columns: GRGR Grenville, 5.01 188, Pn, 23 36 02.3 -1.0, etc.

ISC 24 23:59:18.1, 0.5, 1.49N, 0.06, 122.06E, 0.06, h35km, n56, n174/55, mb4.6/21, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, KMSI Cibirong, etc.

ISC 24 23:59:18.1, 0.5, 1.49N, 0.06, 122.06E, 0.06, h35km, n56, n174/55, mb4.6/21, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, KMSI Cibirong, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 22:59:42.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 22:59:42.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 22:59:42.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Karatay Array, Alaya-Archa, Uchtor, etc.

CNRM 25 01:12:06.0, 36.11N, 11.55W, h0km
MDD 25 01:12:15.7, 36.72N, 11.06W, h30km, mblg2.6/13,
Error ellipse: s-maj=11.1km s-min=8.2km az=59.0,
PRXIMO

INMG 25 01:12:15.7, 36.51N, 11.19W, h31km, ML2.1, Error
ellipse: s-maj=6.8km s-min=4.5km az=96.0
IGL 25 01:12:15.2, 36.56N, 11.14W, h20km, ML2.0
ISC 25 01:12:16.0, 36.46N, 11.3W, 0.1, h35km, n67,
c216/112, 2C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marneleto, Sao Teotonio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Beja, EGRO, EVO, PMTG, etc.

IDC 25 01:35:23.9, 1.1, 2.71S, 141.45E, h0km, mb4.0/5,
mb1.4/3.6, mb1mx4.0/25, mbltm4.1/6, ML4.4/1, MS3.1/6,
Ms1.3/1.6, ms1mx2.8/28, Error ellipse: s-maj=21.6km
s-min=11.4km az=15.0
ISCJB 25 01:35:27.0, 1.1, 2.75S, 0.1, 141.2E, 0.2, h29km, mb3.9/5,
MS2.9/3, Error ellipse: s-maj=22.2km s-min=14.5km
az=173.7

ISC 25 01:35:28.7, 1.3, 2.75S, 0.1, 141.2E, 0.2, h29km, n16,
c130/7, mb4.0/5, MS2.8/3, Near north coast of New
Guinea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND, H11N1, H11N2, etc.

MOS 25 02:11:00.7, 1.3, 42.19N, 143.01E, h70km, mb4.4/6, Error
ellipse: s-maj=11.6km s-min=8.4km az=78.8
NIED 25 02:11:00.42, 30N, 143.00E, h53km, Mw3.9 Best double
couple: Mb8.17000x10.014 NPT1: s20.00000, s20.00000,
1.109.00000, NP2: s13.00000, s13.00000, 1.83.00000,
ISCJB 25 02:11:00.5, 0.4, 42.22N, 0.04, 143.04E, 0.4, h68km, 2km,
mb3.9/16, Error ellipse: s-maj=7.1km s-min=4.5km
az=152.7

SKHL 25 02:11:01.3, 0.8, 42.21N, 142.90E, h67km, 5km, mb5.1/4
NEIC 25 02:11:01.4, 2.3, 42.12N, 142.08E, 0.2, h64km, 7km,
mb4.1/10
JMA 25 02:11:02.6, 0.1, 42.31N, 143.00E, h50km, 1km, M3.7
Broadband fault plane solution: P waves. NP1:
s20.00000, s62.00000, s88.00000, NP2: s205.00000,
s28.00000, s94.00000, Principal axes: T P1g73.00000,
Azms285.00000; N P1g2.00000; Azm121.00000;
P P1g17.00000, Azm112.00000.

JMA 25 02:11:04.3, 2.1, 42.34N, 142.94E, h82km, 14km, mb3.6/11,
IDC 25 02:11:01.2, 0.1, 42.20N, 0.05, 143.03E, 0.04, h59km, 5km,
n73, c1913/81, mb4.0/17, 7C-7D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erimo, Ermo, Urakawa-nobuka, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Biratori 2, Onbets, Iburaitsuma, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ashorobuto, Anishobuto, Kamikawa-asahi, etc.

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

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

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

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

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

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

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

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

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

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

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

25d 3h

Table with columns for station name, frequency, and other technical details. Includes stations like LZH, UCM, CLM, SPMM, L40A, SONM, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like BHOJ, VRAC, VRAC, VRAC, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like EDC, EDC, KESN, GBLT, etc.

THE 25 03:21:47.9, 38:39N-21:87E, h3km, 2km, ML1.2/7, Error ellipse: s-maj=2.8km s-min=0.4km az=27.0

ATH 25 03:21:47.6, 38:40N-21:89E, h7km, 2km, ML1.2/7, Error ellipse: s-maj=2.6km s-min=0.9km az=72.0, Greece

BJI 25 03:29:53.0, 0.0, 2.2:50S x 176:50W, h80km, mb5.0/8, mb5.2/7

NEIC 25 03:29:54.6, 1.6, 22:57S:0:08 x 176:5W, 0.1, h85km, 4km, mb4.7/14

ISCJB 25 03:29:55.4, 0.2, 22:66S:0:05:176:56W, 0.1, h100km, mb4.6/22, Error ellipse: s-maj=7.8km s-min=4.2km az=146.2

IDC 25 03:29:58.4, 4.5, 22:53S x 176:61W, h115km, 39km, mb4.3/19, mb1.4/5.21, mb1mx4.3/39, mbmt4.7/21, MS3.0/1, Ms1.3/0.1, ms1mx2.7/27, Error ellipse: s-maj=16.6km s-min=13.3km az=150.0

ISC 25 03:29:55.8, 0.3, 22:57S:0:06:176:39W, 0.06, h100km, m299, s144/283, mb4.6/64, 17C-9D, South of Fiji Islands

Table with columns for station name, frequency, and other technical details. Includes stations like Code, Station Name, A, AZ, Phase ID, Time, Res.

Table with columns: Station, Comp, Az, El, AzEl, Station, Comp, Az, El, AzEl. Includes stations like TBI Tubuai, PAE Paea, PPT2 Papeete2, etc.

Table with columns: Station, Comp, Az, El, AzEl, Station, Comp, Az, El, AzEl. Includes stations like IRM Iron Mountain, GMRC Granite Mounta, K02D Williamete Mer, etc.

Table with columns: Station, Comp, Az, El, AzEl, Station, Comp, Az, El, AzEl. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, SDCO Great Sand Dun, etc.

Table with columns: MOA, Molln, 153.37 344, i PKPbc, PKIKP, 03 49 41.9 -0.5, etc. Lists various astronomical objects and their properties.

ISCJB 25 03:35:40.7±0.3, 17.30N±0.06:144.97E±0.07, h10km, mb4.2/18, MS4.0/30, Error ellipse: s-maj=11.2km s-min=6.8km az=148.6

IDC 25 03:35:40.3±0.8, 17.34N±1.45:07E, h0km, mb4.1/15, mb1.4/3/16, mb1mx4.1/42, mlbmx4.1/16, ML3.8/1, MS4.0/27, Ms1.4/0/27, ms1mx3.9/38, Error ellipse: s-maj=29.1km s-min=15.4km az=90.0

BJJ 25 03:35:40.5±0.1, 17.10N±1.44:90E, h10km, mb4.7/19, mb5.0/12, Ms4.5/5, Ms7.4/3/6

NEIC 25 03:35:42.1±1.2, 17.22N±0.09:144.96E±0.08, h10km, 1km, mb4.6/19

GCMT 25 03:35:47.1±0.2, 17.32N±0.02:144.78E±0.01, h12km, MW5.0/111, Moment Tensor Solution. s35,c41; s111,c171; Duration: 0 Moment tensor: Scale 10^16Nm; Mn-3.71±.08; Mw0.42±.07; Mo0.32±.07; Mo0.82±.34; Mo0-0.78±.07; Mw1.01±.25; Best double couple: Mo3.81100x10^16 NPT0.180 000000, d53.000000, -1.711.000000, NP2±0.333.000000, 840.000000, -1.111.000000, Principal axes: T 3.5750, P1g3.0000, Azm255.0000; N 0.4680, P1g13.0000; Azm349.0000; P -4.0470, P1g75.0000; Azm143.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 03:35:41.9±0.5, 17.26N±0.07:145.04E±0.10, h10km, m79, c1507/54, mb4.4/22, MS4.0/30, Mariana Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Lists seismic stations and their characteristics.

Table with columns: ASAR, Alice Springs, 42.10 195, P, P, 03 43 35.0 +0.7, etc. Lists various astronomical objects and their properties.

UPA 25 03:43:42.1±1.8, 7.93N-82.32W, h10km±6km, MW4.0, 4C, South of Panama

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Lists seismic stations for the UPA event.

JMA 25 03:46:11.5±0.1, 24.77N±122.20E, h0km, M3.1, TAP 25 03:46:11.4, 24.87N±122.18E, h6km, ML3.6, C

ISC 25 03:46:11.4±1.1, 24.84N±0.02:122.23E±0.02, h4km±gkm, n80, c0570/137, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Lists seismic stations for the Taiwan region event.

Table with columns: WFSB, Wu-fen Shan, 0.47 299, P, Pg, 03 46 20.4 +0.1, etc. Lists various astronomical objects and their properties.

Table with columns: LZH Lanzhou, 158.89, 9 ePKP, PKPpdf, 07 22 15.0 +1.0, 07 22 44.5 -4.7, 07 22 52.3. Includes station names like Gvkggeada, Tayfur-Gelibol, Samothraki Isl, etc.

Table with columns: KRVT Keravat, 1.20 318, Pn, Pn, 07 39 41.0 +1.1, 07 39 56.0 +0.4. Includes station names like Warramunga Arr, Alice Springs, Eielson Array, etc.

Table with columns: H1N3 WAKE ISLAND HY 40.98, 75, T, 09 12 43.2. Includes station names like Makanchi Array, Kurbb Kurchatov Arra, etc.

Table with columns: IDC 25 07:39:15.8-1.9, 5.20S:152.84E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/39, mbtmt3.3/3, MS2.7/1, Ms1 2.7/1, ms1mx2.2/7.4km, s-min=22.7km az=80.0, New Britain region

ISCJJB 25 09:12:18.4.0.5, 64.71N:02:30.42E:0.08, h0km, Error ellipse: s-maj=4.8km s-min=2.9km az=13.9
 HEL 25 09:12:21.2.0.2, 64.77N:30.59E, h0km, ML2.1, Explosion
 IDC 25 09:12:21.7.2.1, 64.77N:31.15E, h0km, mb1 3.2/4, mb1mx2.9/46, mbimp3.1/4, ML2.3/4, Error ellipse: s-maj=27.8km s-min=9.2km az=102.0
 KOLA 25 09:12:21.1, 64.68N:30.93E, h0km
 NAO 25 09:12:23.3.1.2, 64.88N:30.04E, ML2.3
 UPP 25 09:12:23.6.2.8, 64.89N:30.75E, h0km, ML1.7, Suspected explosion

BER 25 09:12:24.2.3.8, 64.85N:30.08E, h0km, ML2.3(NAO), Suspected explosion
 ISC 25 09:12:21.7.0.9, 64.79N:03.3061E:0.04, h0km, n50, e203/81, Finland-Karelia border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KU6	Rieikki	1.27	347	Op PG	09 12 44.5	-1.6
KU6	comp=Z,12nm,0.2s			MSG	09 13 00.3	
KU6	Maaselka	1.30	330	SG Pg	09 13 01.6	-1.0
MSF	Joensuu	1.91	170	PG Pg	09 12 54.9	-0.5
JOF	Oulu	2.03	280	PG Pg	09 12 57.8	+0.7
QUL	Merijarvi	2.57	263	PG Pg	09 13 23.9	+0.9
OUF	comp=Z,16nm,0.2s			MSG	09 13 36.9	
OUF	Rovaniemi	2.63	316	PG Pg	09 13 40.5	-0.3
RNF	Sumiainen	2.87	226	PG Pg	09 13 41.8	-0.8
SUF	comp=Z,5.6nm,0.2s			MSG	09 13 45.1	
SUF	Tornio	2.93	299	PG Pg	09 13 48.8	-0.6
TOF	comp=Z,7.6nm,0.2s			MSG	09 13 47.2	
TOF	APAAity Array	2.99	18	SG Sb	09 13 49.8	-1.2
APAA	APAAity Array	2.99	18	Pn Pn	09 13 10.3	+0.1
APAA	comp=Z,193,slow=16			Sn	09 13 48.8	+2.1
APAA	comp=Z,209,slow=28			Lg	09 13 56.9	
APAA	APAAity Array	2.99	18	Pn Pn	09 13 10.1	-0.1
APAA	APAAity Array	2.99	18	Pn Pn	09 13 10.3	+0.1
APAA	comp=Z,193,slow=16			Sn	09 13 48.8	+2.1
APAA	comp=Z,209,slow=28			Sg	09 13 56.9	-0.6
VRF	Varrjo	3.00	353	PB Pn	09 13 11.7	+1.3
VRF	comp=Z,3.2nm,0.2s			MSG	09 13 50.1	
APA	Apattity	3.01	21	P S	09 13 10.3	-0.3
SGF	Sodankyl	3.14	330	PB Pn	09 13 47.1	-0.2
KALU	Kalix	3.23	293	PB Pn	09 13 14.0	+1.7
KALU	Kalix	3.23	293	PB Pn	09 13 15.8	+2.3
KALU	Kalix	3.23	293	PB Pn	09 13 17.2	+3.7
KALU	Kangasniemi	3.31	218	SG Sb	09 13 59.4	-0.1
KEF	Keuruu	3.68	227	PB Pn	09 13 16.9	+2.2
PAJU	Pajala	3.80	309	P S	09 13 21.2	+1.4
SJUJ	Sjulsmark	3.87	285	P S	09 13 22.7	+1.8
ERTU	Ertisaerv	3.91	301	P S	09 13 24.1	+1.2
ERTU	Ertisaerv	3.91	301	P S	09 14 10.2	+0.8
ERTU	Ertisaerv	3.91	301	PB Pn	09 13 24.7	+1.8
VAF	Ylisaari	3.92	247	PB Pn	09 13 26.5	+3.4
FIAO	FINES Array S	3.94	214	Pn Pn	09 13 23.6	+0.3
FIAO	comp=Z,29,slow=14			Pg	09 13 32.2	+0.3
FIAO	comp=Z,30,slow=16			Lg	09 14 23.8	
FIAO	comp=Z,19,slow=37			Lg	09 14 23.8	
FIAO	FINES Array S	3.94	214	PB Pn	09 13 25.3	+2.0
FIAO	FINES Array S	3.94	214	PB Pn	09 13 23.6	+0.3
FIAO	comp=Z,29,slow=14			Pg	09 13 32.2	+0.3
FIAO	comp=Z,30,slow=16			Pg	09 14 23.8	+3.7
FIAO	comp=Z,19,slow=37			Sg	09 14 23.8	+3.7
FINES	FINES Array B	3.94	214	Pn Pn	09 13 23.4	+0.1
FINES	comp=Z,0.2nm,0.3s,baz=34,slow=15,SNR=4.7			Pg	09 13 23.2	+0.3
FINES	comp=Z,0.5nm,0.3s,baz=30,slow=14,SNR=10			Sn	09 14 11.9	+1.7
FINES	comp=Z,0.6nm,0.3s,baz=35,slow=26,SNR=5.6			Lg	09 14 23.9	
FINES	comp=Z,1.5nm,0.3s,baz=30,slow=26,SNR=14			Lg	09 14 23.9	
HARU	Harads	4.25	293	P S	09 13 29.5	+2.0
MASU	Masungsbyrn	4.40	311	P S	09 13 31.2	+1.5
HEF	Hetta	4.57	326	Pn Pn	09 13 31.9	0.0
HEF	Hetta	4.57	326	Pn Pn	09 13 43.3	+0.7
HEF	Hetta	4.57	326	Pn Pn	09 13 34.2	+2.3
HEF	Hetta	4.57	326	Pn Pn	09 14 44.5	+6.4
HEF	Hetta	4.57	326	Pn Pn	09 13 31.9	0.0
HEF	Hetta	4.57	326	Pb Pn	09 13 43.3	+0.7
HEF	Hetta	4.57	326	Pb Pn	09 14 41.0	+2.9
DUNU	Dundret	4.72	304	P S	09 13 35.5	+1.4
LANU	Lannavaara	4.76	317	P S	09 13 35.0	+0.4
ARAO	ARCES Array S	5.16	340	Pn Pn	09 13 39.3	-0.8
ARAO	comp=Z,153,slow=14			Sn	09 14 33.8	-6.4
ARAO	comp=Z,157,slow=18			Lg	09 14 56.8	
ARAO	comp=Z,151,slow=28			Lg	09 13 39.3	-0.8
ARAO	ARCES Array B	5.16	340	Pn Pn	09 13 39.3	-0.8
ARAO	comp=Z,153,slow=14			Sn	09 14 33.8	-6.4
ARAO	comp=Z,157,slow=18			Sg	09 14 56.8	+1.6
ARAO	comp=Z,151,slow=28			Sg	09 14 56.8	+1.6
ARCES	ARCES Array B	5.16	340	Pn Pn	09 13 39.4	-0.7
ARCES	comp=Z,0.7nm,0.3s,baz=153,slow=12,SNR=30			Sn	09 14 37.1	-3.2
ARCES	comp=Z,0.4nm,0.3s,baz=160,slow=24,SNR=4.0			Lg	09 14 56.4	
ARCES	comp=Z,0.5nm,0.3s,baz=155,slow=26,SNR=5.3			Lg	09 14 56.4	
KEV	Kevo	5.18	346	Pn Pn	09 13 39.2	-1.1
KEV	Kevo	5.18	346	Pn Pn	09 14 37.9	-2.7
KEV	Kevo	5.18	346	Lg	09 14 59.7	
KEV	Kevo	5.18	346	Lg	09 13 39.2	-1.1
KEV	Kevo	5.18	346	Pn Pn	09 14 37.9	-2.7
RATU	Laukkulussa	5.38	309	P S	09 13 43.9	+0.8
KIF	Kilpisjarvi	5.72	322	Pn Pn	09 13 47.1	-0.6
KIF	Kilpisjarvi	5.72	322	Pn Pn	09 14 53.1	-0.9
KIF	Kilpisjarvi	5.72	322	Pn Pn	09 13 47.2	-0.6
HFS	Hagfors	9.11	247	Pn Pn	09 14 33.7	-0.5
HFS	comp=Z,0.1nm,0.3s,baz=56,slow=15,SNR=4.3			Sn	09 16 12.7	-4.5
HFS	comp=Z,0.1nm,0.3s,baz=53,slow=29,SNR=2.9			Lg	09 17 02.9	
HFS	comp=Z,0.2nm,0.3s,baz=57,slow=34,SNR=3.3			Lg	09 14 29.4	-4.7
HFS	comp=Z,0.2nm,0.3s,baz=57,slow=34,SNR=3.3			Pn	09 14 29.4	-4.7
HFS	comp=Z,0.2nm,0.3s,baz=57,slow=34,SNR=3.3			Lg	09 17 02.7	
HFS	comp=Z,0.2nm,0.3s,baz=57,slow=34,SNR=3.3			Pn	09 14 29.4	-4.7
HFS	comp=Z,0.2nm,0.3s,baz=57,slow=34,SNR=3.3			Pn	09 17 02.7	+4.5
NB2	NORSAR Subarra	9.60	256	Pn Pn	09 14 41.2	+0.3
NB2	NORSAR Subarra	9.60	256	Pn Pn	09 14 41.2	+0.3
NOA	NORSAR Array B	9.60	256	Pn Pn	09 14 40.1	-0.8
NOA	comp=Z,0.0nm,0.3s,baz=48,slow=14,SNR=3.5			Lg	09 17 21.0	
NRAO	NORESS Array S	9.62	254	Pn Pn	09 14 41.3	0.0
NRAO	comp=Z,65,slow=14			Pn	09 14 41.3	0.0
NRAO	NORESS Array S	9.62	254	Pn Pn	09 14 41.3	0.0
NRAO	comp=Z,65,slow=14			Pn	09 14 41.3	0.0

WEL 25 09:15:24.8.1.0, 34.5.6.17.8W.1.6, h33km, M4.7/18, mb5.2/7, ML5.1/18, MLV4.9/18, Mw(MB)4.5/7, Error ellipse: s-maj=0.0km s-min=0.0km az=106.8
 ISCJJB 25 09:15:25.2.0.6, 33.48S:0.04:178.59W:0.09, h10km, mb4.4/3, MS3.7/10, Error ellipse: s-maj=11.7km s-min=4.2km az=16.7
 NEIC 25 09:15:26.6.1.8, 33.44S:0.07:178.45W:0.09, h10km, 1km, mb4.6/11
 IDC 25 09:15:26.3.0.9, 33.35S:178.53W, h0km, mb4.5/3, mb1 4.7/5, mb1mx4.2/52, mbimp4.6/5, ML4.5/2, MS3.8/9, Mb1 3.8/9, ms1mx3.6/22, Error ellipse: s-maj=33.0km s-min=25.0km az=100.0
 ISC 25 09:15:26.4.0.6, 33.35S:178.42W:0.09, h10km, n100, e240/120, mb4.5/8, MS3.6/10, 2D, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GLKZ	Green Lake	4.26	6	Op Pn	09 16 28.8	-2.6
GLKZ	comp=Z,13nm,0.2s			Sn	09 17 14.8	-6.3
RAO	Raoul Island	4.27	6	Pn Pn	09 16 29.0	-2.5
RAO	comp=Z,33nm,0.3s,baz=232,slow=20,SNR=4.0			Sn	09 17 19.0	-2.4
RAO	comp=Z,33nm,0.3s,baz=232,slow=20,SNR=4.0			Sn	09 16 28.8	-2.7
RAO	RAO Island	4.27	6	Pn Pn	09 17 18.9	-2.5
MXZ	Matakoao Point	4.84	213	Pn Pn	09 16 41.8	+2.4
MXZ	Matakoao Point	4.84	213	Pn Pn	09 16 41.0	+0.7
MXZ	Matakoao Point	4.84	213	Pn Pn	09 17 37.8	+2.3
MXZ	Matakoao Point	4.84	213	Pn Pn	09 16 40.2	+1.5
WNGZ	Waionatani S	5.01	210	Pn Pn	09 16 45.6	+0.7
HAZ	Te Kaha	5.24	215	Pn Pn	09 16 45.1	-0.5
PUZ	Puketiti	5.29	210	Pn Pn	09 16 48.7	+0.7
RUGZ	Raukumara Rang	5.46	214	Pn Pn	09 17 52.6	+1.7
RUGZ	Raukumara Rang	5.46	214	Pn Pn	09 16 48.7	+0.7
TWZG	Tauwhareparee	5.50	211	Pn Pn	09 16 45.8	-2.6
TWZG	Tauwhareparee	5.50	211	Pn Pn	09 16 45.8	-2.6
TKGZ	Te Karaka	5.77	211	Pn Pn	09 16 54.8	+2.6
TKGZ	Te Karaka	5.77	211	Pn Pn	09 17 58.2	-0.2
KWZ	Kuaotunu	5.78	234	Pn Pn	09 16 55.6	+3.3
MUZ	Matawai	5.83	213	Pn Pn	09 16 54.5	+1.6
OPFZ	Ohinepanea	5.95	212	Pn Pn	09 16 56.7	+2.1
URZ	Urewere	5.97	21	Pn Pn	09 16 50.0	+0.2
URZ	comp=Z,10.0nm,0.3s,baz=0.4,slow=1.7,SNR=42			Sn	09 18 03.3	+0.1
URZ	comp=Z,13nm,0.3s,baz=0.0,slow=20,SNR=10			Sn	09 16 56.4	+1.6
URZ	Urewere	5.97	21	Pn Pn	09 18 01.4	+0.9
URZ	Urewere	5.97	21	Pn Pn	09 16 56.3	+0.8
RAGZ	Rawiri	6.01	213	P S	09 16 56.4	+0.6
RIGZ	Rimuhau	6.03	210	P S	09 18 04.9	0.0
RIGZ	Rimuhau	6.03	210	P S	09 16 56.8	-0.8
PRGZ	Paritutu	6.17	208	P S	09 16 59.1	+0.7
WVZ	Waikato Island	6.21	236	P S	09 16 59.1	0.0
SNGZ	Shannon Statio	6.28	212	P S	09 18 11.5	+0.6
SNGZ	Shannon Statio	6.28	212	P S	09 18 11.5	+0.6
MUGZ	Murupara	6.30	217	P S	09 17 00.5	+1.0
RTZ	Ratohatua	6.31	215	P S	09 17 00.6	+1.0
ROKZ	Rokohu	6.34	209	P S	09 16 59.4	-0.5
MHGZ	Matahi Peninsula	6.36	207	P S	09 17 05.9	+3.9
WCZ	Waipi Caves	6.43	246	P S	09 17 05.6	+4.4
TOZ	Tahuroa Road	6.50	228	P S	09 17 05.9	+3.9
OUZ	Omahuta	6.82	253	Pn Pn	09 17 07.4	+0.9
BKZ	Black Stump Fm	6.98	215	Pn Pn	09 17 09.0	+0.3
BKZ	Black Stump Fm	6.98</				

PLMA	Palmaria, Port	0.49 244	P	Pb	09 17 10.7 +0.9
PLMA			S	Sb	09 17 17.9 +1.3
PLMA			AML	AML	
PLMA	comp=N,3635µm,1.0s		AML	AML	
PRMA	PARMA	0.51 347	P	Pb	09 17 11.0 +1.0
PTF	Prato	0.53 125	P	Pb	09 17 10.2 -0.2
PPI	Pisa	0.55 176	P	Pb	09 17 10.9 +0.2
PPI			S	Sb	09 17 18.7 +0.6
PPI			AML	AML	
PPI	comp=E,10910µm,0.8s		AML	AML	
CRMI	Carmignano	0.60 143	P	Pb	09 17 11.4 -0.1
CRMI			S	Sb	09 17 20.0 +0.4
CRMI			AML	AML	
CRMI	comp=N,451µm,1.2s		AML	AML	
SEI	Scarperia	0.68 108	P	Pb	09 17 12.7 -0.2
SEI			AML	AML	
SEI	comp=E,1920µm,1.2s		AML	AML	
MSSA	Maissana	0.68 274	P	Pg	09 17 14.0 +0.6
MSSA			AML	AML	
MSSA	comp=N,4180µm,0.4s		AML	AML	
BOB	Bobbio (Coli)	0.88 305	P	Pn	09 17 17.9 +0.7
BOB			AML	AML	
BOB	comp=N,872µm,1.5s		AML	AML	
BOB	comp=E,1039µm,0.6s		AML	AML	
GORR	Corroto	0.91 292	P	Pb	09 17 17.6 +0.8
GORR	Corroto	0.91 292	P	Pn	09 17 18.4 +0.9
GORR			AML	AML	
GORR	comp=E,1118µm,0.5s		AML	AML	
GROG	Isola di Gorgo	0.94 206	P	Pb	09 17 18.0 +0.6
GROG			AML	AML	
GROG	comp=N,880µm,1.6s		AML	AML	
GROG			AML	AML	
SFI	Santa Sofia	1.06 110	P	Pn	09 17 20.0 +0.4
SFI			AML	AML	
SFI	comp=E,746µm,1.1s		AML	AML	
SFI	comp=N,378µm,1.2s		AML	AML	
SFI	comp=N,522µm,1.2s		AML	AML	
SFI	comp=E,625µm,1.2s		AML	AML	
SFI	comp=N,522µm,1.2s		AML	AML	
ASQU	Asqua	1.06 116	P	Pb	09 17 19.7 +0.1
ASQU			AML	AML	
ASQU	comp=E,379µm,1.6s		AML	AML	
ASQU	comp=N,332µm,0.8s		AML	AML	
TRIF	Trifonti	1.20 165	P	Pb	09 17 22.6 +0.8
TRIF			AML	AML	
TRIF	comp=E,296µm,0.7s		AML	AML	
TRIF	comp=N,314µm,0.4s		AML	AML	
TRIF	comp=E,296µm,0.7s		AML	AML	
TRIF	comp=N,314µm,0.4s		AML	AML	
SALO	Salr	1.35 2	P	Pb	09 17 25.1 +0.7
SALO			AML	AML	
SALO	comp=E,2415µm,1.1s		AML	AML	
TEOL	Teolo	1.39 38	ePg	Pb	09 17 25.4 +0.4
TEOL	Teolo	1.39 38	eSg	Sb	09 17 43.4 +1.1
TEOL	Teolo		P	Pn	09 17 24.0 -0.1
TEOL			AML	AML	
TEOL	comp=E,2485µm,0.9s		AML	AML	
TEOL	comp=N,1825µm,0.9s		AML	AML	
TEOL	comp=E,2480µm,0.9s		AML	AML	
TEOL	comp=N,1820µm,0.9s		AML	AML	
PCP	Piancastagn	1.40 282	P	Pn	09 17 25.2 +0.8
PCP			AML	AML	
PCP	comp=E,213µm,0.6s		AML	AML	
PCP	comp=N,400µm,1.6s		AML	AML	
CPGN	Carpegna (Ita)	1.42 109	P	Pb	09 17 26.0 +0.4
CAFI	Castiglione Fio	1.44 130	P	Pn	09 17 24.8 0.0
CAFI			AML	AML	
CAFI	comp=E,173µm,0.6s		AML	AML	
CAFI	comp=E,172µm,0.6s		AML	AML	
CAFI	comp=N,170µm,0.9s		AML	AML	
ROVR	Rover Verones	1.44 17	P	Pn	09 17 25.3 +0.4
ROVR			AML	AML	
ROVR	comp=E,497µm,0.3s		AML	AML	
ROVR	comp=N,493µm,1.2s		AML	AML	
MARN	Marana (Italy)	1.47 21	ePg	Pn	09 17 25.4 +0.3
CASP	Castiglione de	1.51 169	P	Pn	09 17 25.9 +0.2
CASP			AML	AML	
CASP	comp=E,195µm,0.5s		AML	AML	
CELB	S. Piero in Cam	1.53 187	P	Pn	09 17 26.1 0.0
FINB	Finale Ligure	1.54 267	P	Pn	09 17 26.1 0.0
FINB			AML	AML	
FINB	comp=N,490µm,0.3s		AML	AML	
DOSS	Dosso del Somn	1.69 17	ePg	Pn	09 17 28.9 +0.5
DOSS			eSg	Sb	09 17 52.8 +1.6
DOSS			AML	AML	
RORO	Rocca Rossa	1.73 266	P	Pn	09 17 28.9 +0.5
RORO			AML	AML	
RORO	comp=N,145µm,0.7s		AML	AML	
ATTE	AVT- Monte Tez	1.74 127	P	Pn	09 17 28.9 +0.5
ATTE			AML	AML	
ATTE	comp=E,260µm,1.0s		AML	AML	
ATTE	comp=N,150µm,0.6s		AML	AML	
MABI	Malga Bissina	1.79 1	P	Pn	09 17 30.8 +1.1
MABI			AML	AML	
MABI	comp=N,239µm,0.4s		AML	AML	
MABI	comp=E,208µm,0.6s		AML	AML	
CGRP	Cima Grappa	1.87 30	ePn	Pn	09 17 31.4 +0.6
CGRP	Cima Grappa	1.87 30	eSb	Sb	09 17 56.6 +0.3
CGRP			AML	AML	
CGRP	comp=N,630µm,0.6s		AML	AML	
CGRP			AML	AML	
CGRP	comp=E,548µm,0.5s		AML	AML	
PANI	Panarotta	1.88 19	ePn	Pn	09 17 31.6 +0.5
GBOS	Grotte di Boss	1.89 270	P	Pn	09 17 31.9 +0.9
GBOS			AML	AML	
GBOS	comp=E,128µm,0.5s		AML	AML	
GBOS	comp=N,140µm,0.5s		AML	AML	
MUGIO	Muglio	1.94 329	P	Pn	09 17 31.6 +0.5
MUGIO			AML	AML	
MUGIO	comp=N,145µm,0.5s		AML	AML	
MUGIO	comp=E,128µm,0.8s		AML	AML	
PGF	Pioggiola	2.03 212	ePn	Pn	09 17 33.3 +0.4
PGF	Pioggiola	2.03 212	ePg	Pg	09 17 38.4 -0.3
PGF			eSb	Sb	09 17 56.3 -1.4
PGF			eSg	Sg	09 18 05.8 +0.7
NEGI	Seborga	2.04 259	P	Pn	09 17 35.4 +1.3
NEGI			AML	AML	
NEGI	comp=N,180µm,0.6s		AML	AML	
SAOF	Saorge	2.12 263	Pn	Pn	09 17 35.4 +1.3
SAOF			Sg	Sg	09 18 08.5 +0.7
SAOF			Pn	Pn	09 17 35.1 +1.0
SAOF			AML	AML	
SAOF	comp=E,260µm,0.7s		AML	AML	

BRMO	Bormio	2.21 358	AML	AML	
BRMO			AML	AML	
BRMO	comp=N,241µm,0.6s		AML	AML	
SBF	Sospel	2.22 261	ePn	Pn	09 17 36.0 +0.4
SBF			eSb	Sb	09 18 03.0 +0.5
TURF	col de Turini	2.23 263	Pn	Pn	09 17 37.0 +1.1
TURF			Sg	Sg	09 18 11.3 -0.5
TURF	l'Escarene	2.27 260	Pn	Pn	09 17 37.1 +0.8
KOSI	Kohlern	2.29 16	AML	AML	
KOSI			AML	AML	
KOSI	comp=N,282µm,0.6s		AML	AML	
KOSI	comp=E,330µm,0.7s		AML	AML	
TUE	Stuetta	2.34 341	P	Pn	09 17 39.4 +2.0
TUE			AML	AML	
TUE	comp=E,116µm,1.5s		AML	AML	
TUE	comp=N,164µm,0.4s		AML	AML	
TUE	comp=N,122µm,0.3s		AML	AML	
TUE	comp=E,94µm,1.5s		AML	AML	
MOSI	Grossmonton	2.35 1	AML	AML	
MOSI			AML	AML	
MOSI	comp=N,708µm,1.0s		AML	AML	
MOSI	comp=E,369µm,0.9s		AML	AML	
BHB	Bricherasio	2.36 285	AML	AML	
BHB			AML	AML	
BHB	comp=N,113µm,0.5s		AML	AML	
BHB	comp=E,172µm,0.7s		AML	AML	
BRJN	Brijuni	2.43 74	ePn	Pn	09 17 39.0 +0.7
BRJN			Sb	Sb	09 18 07.6 +0.1
BRJN			Pn	Pn	09 17 41.1 +2.3
ISO	Isola	2.46 269	Pn	Pn	
FUSIO	Fusio	2.53 330	AML	AML	
FUSIO			AML	AML	
FUSIO	comp=N,87µm,0.5s		AML	AML	
FUSIO	comp=E,166µm,0.6s		AML	AML	
DAVOX	Davos/Dischmat	2.54 351	AML	AML	
DAVOX			AML	AML	
DAVOX	comp=N,86µm,0.7s		AML	AML	
DAVOX	comp=N,120µm,0.9s		AML	AML	
CALF	Calern	2.61 260	Pn	Pn	09 17 42.1 +1.2
SURF	Saint Ours	2.63 276	Pn	Pn	09 17 43.0 +1.7
MBDF	Montbard	2.68 281	eP	Pn	09 17 44.5 +2.5
MBDF			eSb	Sb	09 18 11.4 -2.6
TRI	Trieste	2.75 57	AML	AML	
TRI			AML	AML	
TRI	comp=N,103nm,0.9s		AML	AML	
TRI	comp=N,120µm,0.6s		AML	AML	
TRI	comp=N,71µm,0.4s		AML	AML	
FETA	Feichten	2.76 4	eP	Pn	09 17 46.0 +3.0
FETA			Pn	Pn	09 17 46.0 +3.0
FETA	SNR=6.8		Sb	Sb	09 18 20.1 -1.8
FETA	comp=N,11nm,0.3s		Sb	Sb	
SABO	M.te Sabotino	2.80 51	AML	AML	
SABO			AML	AML	
SABO	comp=N,20nm,0.4s		AML	AML	
SABO	comp=E,348µm,0.3s		AML	AML	
SABO	comp=N,397µm,0.4s		AML	AML	
OGAG	Argentiere	2.82 275	Pn	Pb	09 17 48.1 -1.4
FRF	La Foret Royal	2.85 257	ePn	Pn	09 17 44.0 -0.2
FRF			eSb	Sb	09 18 17.4 -0.5
FRF	comp=N,54nm,0.5s		Pn	Pn	09 17 45.9 +1.4
ABTA	Abfaltersbach	2.86 29	Pn	Pn	
ABTA			i/Sn	Sn	09 18 19.6 +1.2
ABTA	comp=N,3.6nm,0.2s		i/Sn	Sn	
ABTA	comp=N,28µm,0.6s		AML	AML	
PLONS	Plons/SG	2.88 345	AML	AML	
PLONS			AML	AML	
PLONS	comp=N,89µm,0.6s		AML	AML	
PLONS	comp=N,71µm,1.2s		AML	AML	
RISI	Risi	2.91 22	AML	AML	
RISI			AML	AML	
RISI	comp=N,460µm,0.5s		AML	AML	
RISI	comp=E,331µm,0.4s		AML	AML	
LPG	La Plagne	2.91 296	ePn	Pn	09 17 48.2 +2.9
LPG			eSb	Sb	09 18 17.7 -2.2
LPG	comp=E,38nm,0.6s		Pn	Pn	09 17 47.9 +2.4
LPL	La Plagne	2.93 296	eP	Pn	09 18 18.0 -2.3
LPL			eSb	Sb	
LPL	comp=E,47nm,0.5s		AML	AML	
BNALP	Bannalp	2.97 332	AML	AML	
BNALP			AML	AML	
BNALP	comp=N,83µm,1.6s		AML	AML	
BNALP	comp=N,77nm,0.4s		AML	AML	
SQTA	Sankt Quirin	3.00 10	ePn	Pn	09 17 48.1 +1.8
SQTA			i/Sn	Sb	09 18 27.0 -1.8
SQTA	comp=N,256nm,0.8s		i/Sn	Sb	
LMR	La Moure	3.01 253	ePn	Pn	09 17 47.1 +0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Tazewell, Dingess, Becki, Hammon, etc.

ISCBJ 25 10:44:14.1r.0.2.7:78S:0.03x117.43E:0.03,h300km, mb4.2/20, Error ellipse: s-maj=4.7km s-min=3.2km az=31.0

NEIC 25 10:44:14.8z.2.2.7:71S:0.03x117.39E:0.06,h297km,7km, mb4.5/36

IDC 25 10:44:15.4z.1.3.7:73S:117.38E,h299km,13km,mb3.8/13, mb1.3/9.17,mb1mx3.6/41,mbtmp4.5/17, Error ellipse: s-maj=18.3km s-min=8.8km az=58.0

DJA 25 10:44:15.6z.0.2.8:53.1.17E, h284km,2km, M4.3/18, mb4.9/9,mb4.5/15,ML4.5/18,MW(mb)4.2/8

ISC 25 10:44:15.0z.3.8zS:0.04x117.42E:0.04,h300km,n104, c151/118,mb4.3/30,Bali Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Taliwang, Plampang, Singaraja, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Kota Kinabalu, Pilbara Seismi, Mantong Dam, etc.

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

VAO 25 11:09:39.7z.0.4.5:39S:36.09W,h2km,mbR3.7

ISCBJ 25 11:09:40.1z.0.7.5:46S:0.04x36.13W:0.04,h10km, mb3.3/3, Error ellipse: s-maj=7.4km s-min=4.9km az=135.4

IDC 25 11:09:40.2.1.1.5:79S:36.22W,h0km,mb3.5/3,mb1.3/9.4, mb1mx3.6/24,mbtmp3.6/4,ML4.3/11,MS2.6/1,Ms1.2/5/1, mb1mx3.2/7, Error ellipse: s-maj=44.1km s-min=31.2km az=176.0

ISC 25 11:09:41.7z.0.8.5:46S:0.06x36.14W:0.04,h10km,n35, c159/39,mb3.4/3,Brazil

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Riachuelo, Parau-RN, Pedro Velho, etc.

KRNET 25 10:59:19.2.0.1.40:44N:73.22E,h19km,mb2.5
SOME 25 10:59:21.4.0.40:50N:73.17E,h15km
NCC 25 10:59:26.6.3.0.40:78N:73.20E,h0km,mb3.3,mpv2.9
Error ellipse: s-maj=25.9km s-min=14.5km az=165.0
ISC 25 10:59:17.9.1.6.40:42N:0.06x73.28E:0.03,h0km,17km,

25d 11h

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

KRNET 25 11:19:57.9:0.1, 41.35N:71.06E, mb2.8
NIC 25 11:19:57.9:1.8, 41.18N:71.22E, h0km, mb3.0, mpv2.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BTK Utiken, ARSB Arslanbob, KK31 Karatay Array, etc.

IDC 25 11:20:55.0:4.6, 47.18N:151.51E, h98km, 42km, mb3.4/4, mb1 3.6/5, mb1mx3.3/37, mbtmp3.7/5, Error ellipse: s-maj=32.4km s-min=29.0km az=140.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, H1N2 WAKE ISLAND HY 30.12 150 T, etc.

ANF 25 11:29:18.0:0.2, 37.08N:116.06W, h4km, 2km, ML3.2/23, Error ellipse: s-maj=1.9km s-min=1.2km az=106.0

REN 25 11:29:18.8:1.3, 37.06N:116.09W, h7km, 6km, ML3.1

NEIC 25 11:29:19.1:1.2, 37.09N:116.11W, 0.05, h3km, 8km, n61, -089/78, Southern Nevada

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TPNV Topopah Spring, FURC Furnace Creek, SHPR Sheep Range, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KVN Kaiserville, NEE2 Needles Airpor, W13A Hualapai Mount, etc.

ISCJB 25 11:31:58.9:0.4, 35.55S:0.08:78.27E:0.08, h10km, mb4.5/21, MS4.1/20, Error ellipse: s-maj=11.6km

IDC 25 11:31:59.1:0.7, 35.49S:78.32E, h0km, mb4.3/14, mb1 4.3/14, mb1mx4.1/38, mbtmp4.3/14, MS4.0/19, Ms1 4.0/19, ms1mx3.9/30, Error ellipse: s-maj=19.4km

BUI 25 11:32:00.0:0.0, 35.50S:78.20E, h10km, mb4.9/20, mb5.3/15, Ms4.8/5, Ms7.4/8/5

NEIC 25 11:32:00.5:0.8, 35.55S:0.05:78.2E:0.1, h10km, n76, r129/59, mb4.7/32, MS4.1/20, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RER Riviere de l'IE, H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

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

UPP 25 11:42:41.3:1.0, 55.96N:10.69E, h0km, ML2.5, Suspected explosion

ISCJB 25 11:42:43.2:0.7, 56.14N:0.04:10.91E:0.07, h0km, Error ellipse: s-maj=7.1km s-min=5.1km az=36.5

BER 25 11:42:45.4:1.7, 56.05N:11.02E, h0km, ML1.8, Explosion

ISC 25 11:42:43.2:0.9, 56.05N:10.04:11.02E:0.03, h0km, n28, r1949/33, Denmark

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

BUI 25 11:50:02.6:0.0, 24.62N:122.80E, h7km, mb4.3/34, mb4.7/18, ML4.3/2, Ms4.4/19, Ms7.4/2/16

IDC 25 11:50:03.1:0.7, 24.67N:122.48E, h0km, mb4.3/14, mb1 4.4/14, mb1mx4.1/37, mbtmp4.3/14, MS3.5/12, Ms1 3.6/12, ms1mx3.3/31, Error ellipse: s-maj=27.2km s-min=14.6km az=73.0

ISCJB 25 11:50:04.0:0.3, 24.85N:0.02:122.93E:0.01, h16km, 2km, mb4.5/42, MS3.7/11, Error ellipse: s-maj=2.9km s-min=2.1km az=172.4

TAP 25 11:50:04.2:24.84N:122.94E, h26km, 1km, ML4.5, D

MOS 25 11:50:04.6±1.0, 24°80'N, 122°93'E, h24km, mb4.8/26, Error ellipse: s-maj=11.2km s-min=6.2km az=111.3 NEIC 25 11:50:05.1±1.1, 24°79'N, 122°81'E, h12km, 4km, mb4.5/34

JMA 25 11:50:05.9±1.0, 24°67'N, 122°90'E, h33km, 2km, M3.5 ISC 25 11:50:04.3±1.0, 24°82'N, 122°90'E, h0.02, h9km, 6km, n260, s1930/311, mb4.5/50, MS3.6/11, 7C, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time h m s, Res h s, ISC. Lists various stations like YOJ, YON, EOI, etc.

Table with columns: LIOB, NSTT, SBCB, CHGB, CHGC, EGFH, WHP, WHS, HGS, WVDW, NMLH, EHY, DPDB, DPDB, TWQ1, TWQ1, PTBS, YULB, YULB, SSSL, SSSL, TWF1, TWF1, TYC, WDJ, TCU, WHYT, CHKT, WJS, WJS, WNT, WNT, WCHH, CHNS, ELDTW, ELDTW, WGK, WDLH, RLNB, RLNB, CHN2, CHN2, STYT, CHN4, CHN4, TPUB, TPUB, TWGT, TWG, TWG, WTP, CHY, TWK, TWK, TWK, CHN1, WSF, SNST, SGST, SGST, SLGT, ECL, CHN8, PTTC, SSD, MATB, TWTM, MASBT, MASBT, EAST, EAST, VVUC, SCZT, XPSS, PHUB, PHUB, LYJJ, PTMZ, TWKBT, TWK1, MHZO, QZH, QZH. Lists various stations and their coordinates.

Table with columns: KNM, KNMB, KNMB, AXDP, ZPLA, NJ2, NJ2, NJ2, WHN, WHN, JNU, TGY, KSAR, KSAR, KSRS, QIZ, QIZ, QIZ, XAN, XAN, XAN, XAN, XAN, MAJO, MJAR, KMI, KMI, HHC, CN2, CN2, KKM, KKM, LZH, LZH, LZH, LZH, LZH, USRK, USRK, USRK, PBKT, PBKT, PBKT, CMMT, CMMT, CHTO, CHTO, CHTO, CMAR, CMAR, CMAR, UMPA, MRSI, MRSI, MRSI, KLR, KLR, KLR, APSI, APSI, APSI, ULN, ULN, ULN, SONM, SONM, SONM, SONM, SONM, SONM, SHL, SHL, SHL, SHL, LSA, LSA, LSA, ZEA, ZEA, ZEA, ZAK, ZAK, KAPI, KAPI. Lists various stations and their coordinates.

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Table with columns: TLY, Talaya, 30.59 336ceP, P, 11 56 19.5 +1.1, etc. Lists various stations and their coordinates and status.

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Table with columns: ARCES, ARCESS Array B, 69.53 338, P, 12 01 13.1 +0.1, etc. Lists stations in the ARCES array and their details.

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Table with columns: FOCM, Foa, 1.79 162, PN, Pn, 12 02 03.1 +0.1, etc. Lists stations in the FOCM array and their details.

Table with columns: MCPD, Capo d'Orlando, 0.35 323, P, Pb, 12 04 39.6 -0.1, 12 04 45.9 +0.8, MCSR, comp=N,3065um,1.1s, AML, AML, ECNVN, comp=E,3570um,0.5s, 0.33 224, P, Pn, 12 05 14.2 -0.2, 12 05 21.5 +1.0, ECNVN, comp=N,1200um,0.6s, AML, AML, MCPD, comp=E,786um,0.4s, 0.36 323, P, Pb, 12 05 12.7 -0.4, 12 05 18.7 +0.3, MCPD, comp=N,908um,0.8s, AML, AML, GAGL, comp=E,478um,0.4s, 0.36 249, P, Pb, 12 04 40.5 +0.6, GAGL, comp=N,300um,0.4s, AML, AML, MSFR, comp=E,1255um,0.6s, 0.37 301, P, Pb, 12 04 40.2 +0.1, 12 04 46.2 +0.4, MSFR, comp=N,268um,0.5s, AML, AML, MPNC, comp=N,378um,0.3s, 0.41 43, P, Pb, 12 04 40.9 +0.2, 12 04 47.7 +0.9, MPNC, comp=E,1365um,0.4s, AML, AML, ATN, comp=N,1575um,0.5s, 0.49 49, P, Pb, 12 04 42.0 0.0, ATN, comp=N,212um,1.1s, AML, AML, HLNI, comp=N,1710um,0.3s, 0.50 191, P, Pb, 12 04 41.8 -0.3, 12 04 49.5 +0.4, HLNI, comp=N,1300um,0.2s, AML, AML, VPL, comp=N,2980um,1.1s, 0.54 359, P, Pb, 12 04 43.0 +0.3, VPL, comp=E,4050um,0.8s, AML, AML, HAGA, comp=N,177um,0.5s, 0.57 167, P, Pb, 12 04 43.0 -0.3, 12 04 51.7 +0.7, HAGA, comp=E,187um,1.4s, AML, AML, MTTG, comp=N,616um,0.5s, 0.57 74, P, Pb, 12 04 43.8 +0.5, MTTG, comp=N,402um,0.5s, AML, AML, MSRU, comp=N,1110um,0.3s, 0.58 44, P, Pb, 12 04 43.9 +0.3, MSRU, comp=N,588um,0.6s, 0.69 175, P, Pb, 12 04 45.0 -0.3, 12 04 55.5 -0.2, MSRU, comp=N,878um,0.2s, 0.89 173, AML, AML, MSFR, comp=N,3685um,0.4s, 0.85 324, AML, AML, MSFR, comp=N,308um,0.3s, 0.89 173, AML, AML, MSFR, comp=N,878um,0.2s, 0.89 173, AML, AML, MSFR, comp=N,877um,0.2s, 0.89 173, AML, AML

Table with columns: IDC 25 12:04:35.2, 12.0, 20.77S, 177.21W, h466km, 1111km, mb3.2/6, mb1 3.4/6, mb1mx3.1/23, mbtmp4.0/6, Error ellipse: s-maj=102.9km s-min=37.0km az=124.0, Foji Islands region, Code, Station Name, A, AZ, Phase ID, Op, ISC, h m s, Time, Res, ISC, CTA, Charters Tower, 34.20 265, P, 2.1nm, 0.5s, baz=91, slow=8.4, SNR=4.1, ASAR, Alice Springs, 45.17 257, P, 0.9nm, 0.8s, baz=95, slow=7.4, SNR=12, WRA, Warramunga Arr, 45.29 262, P, 1.1nm, 0.8s, baz=96, slow=7.9, SNR=18, WRA, Warramunga Arr, 45.29 262, P, 0.2nm, 0.7s, baz=100, slow=3.1, SNR=2.9, MJAR, Matsushiro Arr, 70.86 323, P, 0.7nm, 0.6s, baz=187, slow=0.6, SNR=4.2, ILAR, Gleason Array, 88.42 13, P, 0.3nm, 0.7s, baz=222, slow=4.9, SNR=4.0, CMAR, Chiang Mai Arr, 90.90 289, P, 0.6nm, 0.4s, baz=111, slow=2.0, SNR=5.5, AKASA, Malin Array Be, 143.60 332, PKP, 0.2nm, 0.5s, baz=37, slow=4.0, SNR=2.7, BRTR, Keskin Array B, 147.56 312, PKPbc, 0.6nm, 0.7s, baz=134, slow=4.2, SNR=3.3

Table with columns: ROM 25 12:05:05.2, 0.1, 37.833N, 0.004, 14.999E, 0.007, h2km, 1km, ML2.7/31, Error ellipse: s-maj=0.6km s-min=0.1km az=102.0, Sicily, Code, Station Name, A, AZ, Phase ID, Op, ISC, h m s, Time, Res, ISC, NOV, Novara, 0.22 29, P, 0.9nm, 0.8s, baz=95, slow=7.4, SNR=12, NOV, comp=N,1605um,0.8s, 0.23 53, P, Pb, 12 05 11.2 0.0, 12 05 16.0 +0.6, AIO, Antillo, 0.23 53, P, Pb, 12 05 11.2 0.0, 12 05 16.0 +0.6, AIO, comp=N,2040um,1.5s, AML, AML, AIO, comp=E,2415um,1.6s, 0.23 335, P, Pb, 12 05 10.8 -0.5, 12 05 15.5 0.0, MUCR, Ucria, 0.23 335, P, Pb, 12 05 10.8 -0.5, 12 05 15.5 0.0, MUCR, comp=N,3840um,0.3s, AML, AML, MUCR, comp=N,1970um,0.5s, AML, AML, MUCR, comp=N,3835um,0.3s, AML, AML, ESML, S. M. di Licod, 0.24 204, P, Pb, 12 05 11.9 +0.7, 12 05 16.5 +1.1, ESML, comp=N,1985um,0.9s, AML, AML, MNO, Monte Soro, 0.26 293, P, Pb, 12 05 11.7 -0.1, 12 05 16.5 +0.2, MNO, comp=N,2120um,0.9s, AML, AML, MNO, comp=N,1610um,0.8s, AML, AML, MNO, comp=N,2125um,0.9s, AML, AML, MCSR, Castoreale, 0.30 41, P, Pb, 12 05 12.0 -0.3, 12 05 17.5 +0.3, MCSR, comp=N,3065um,1.1s, AML, AML

Table with columns: MCSR, comp=N,3065um,1.1s, AML, AML, ECNVN, comp=E,3570um,0.5s, 0.33 224, P, Pn, 12 05 14.2 -0.2, 12 05 21.5 +1.0, ECNVN, comp=N,1200um,0.6s, AML, AML, MCPD, comp=E,786um,0.4s, 0.36 323, P, Pb, 12 05 12.7 -0.4, 12 05 18.7 +0.3, MCPD, comp=N,908um,0.8s, AML, AML, GAGL, comp=E,478um,0.4s, 0.36 250, P, Pb, 12 05 13.6 +0.4, GAGL, comp=N,1115um,0.4s, AML, AML, MSFR, comp=N,268um,0.5s, 0.38 302, P, Pb, 12 05 13.2 -0.2, 12 05 19.6 +0.5, MSFR, comp=N,378um,0.3s, 0.42 42, P, Pb, 12 05 14.0 -0.1, 12 05 21.2 +1.1, MPNC, Port Mandanici, 0.42 42, P, Pb, 12 05 14.0 -0.1, 12 05 21.2 +1.1, MPNC, comp=N,1365um,0.4s, AML, AML, MPNC, comp=N,1575um,0.5s, AML, AML, CAGR, Agira, 0.45 242, P, Pb, 12 05 15.2 +0.7, CAGR, comp=N,782um,1.4s, 0.49 48, P, Pb, 12 05 15.2 -0.1, ATN, Antennamare, 0.49 48, P, Pb, 12 05 15.2 -0.1, ATN, comp=N,1080um,0.4s, AML, AML, HLNI, Lentini, 0.49 192, P, Pb, 12 05 14.8 -0.4, 12 05 22.8 +0.7, HLNI, comp=N,1710um,0.3s, AML, AML, VPL, Vulcano Piano, 0.55 359, P, Pb, 12 05 16.1 0.0, 12 05 24.5 +0.9, VPL, comp=N,2980um,1.1s, AML, AML, HAGA, Augusta, 0.56 167, P, Pb, 12 05 16.2 -0.2, 12 05 24.8 +0.8, HAGA, comp=N,616um,0.5s, AML, AML, MTTG, Motta San Gio, 0.57 73, P, Pb, 12 05 16.6 0.0, MTTG, comp=N,402um,0.5s, AML, AML, MSRU, Castanea, 0.59 43, P, Pb, 12 05 16.7 -0.1, 12 05 26.5 -0.4, MSRU, comp=N,1110um,0.3s, AML, AML, AGST, Augusta-Monte, 0.60 162, P, Pb, 12 05 16.8 -0.3, 12 05 25.9 +0.7, AGST, comp=N,976um,1.0s, AML, AML, AGST, comp=N,1018um,1.3s, AML, AML, SSS, Sortino, 0.68 175, P, Pb, 12 05 18.1 -0.3, 12 05 28.4 -0.7, SSS, comp=N,2185um,0.5s, AML, AML, HVZN, Vizzini, 0.69 199, P, Pb, 12 05 18.2 -0.5, 12 05 28.6 +0.8, HVZN, comp=N,3685um,0.4s, AML, AML, HVZN, comp=N,308um,0.3s, AML, AML, HVZN, comp=N,878um,0.2s, AML, AML, HVZN, comp=N,877um,0.2s, AML, AML, PETRA, Petralia Sopra, 0.70 270, P, Pn, 12 05 19.5 -0.2, PETRA, comp=N,800um,0.5s, AML, AML, GIB, Gibilmanna, 0.79 282, P, Pn, 12 05 20.6 -0.2, 12 05 20.9 -0.1, IFIL, Flicudi I Eol, 0.81 335, P, Pn, 12 05 20.6 -0.2, 12 05 20.9 -0.1, IFIL, comp=N,572um,0.4s, AML, AML, MPAP, Palizzi, 0.81 81, P, Pn, 12 05 21.2 +0.2, MPAP, comp=N,488um,0.3s, AML, AML, HBSP, Bosco Santo Spir, 0.81 210, P, Pb, 12 05 20.2 -0.5, 12 05 32.2 -0.1, HBSP, comp=N,2405um,0.4s, AML, AML, HBSP, comp=N,2410um,0.4s, AML, AML, IACL, Alicudi, 0.86 324, P, Pb, 12 05 20.5 -1.0, 12 05 34.0 +0.4, IACL, comp=N,1075um,0.3s, AML, AML, IACL, comp=N,420um,0.2s, AML, AML, IACL, comp=N,309um,0.3s, AML, AML, IACL, comp=N,308um,0.3s, AML, AML, SOI, Samo, 0.87 74, P, Pb, 12 05 21.6 +0.1, SOI, comp=N,224um,0.4s, AML, AML, SOI, comp=N,224um,0.4s, AML, AML, HAVL, Avola, 0.88 173, P, Pb, 12 05 21.2 -0.6, 12 05 33.9 -0.1, HAVL, comp=N,224um,0.4s, AML, AML, HAVL, comp=N,680um,1.6s, AML, AML, HAVL, comp=N,878um,0.2s, AML, AML, HMDC, Modica, 0.89 191, P, Pb, 12 05 21.3 -0.7, 12 05 34.3 0.0, ALJA, Alia, 0.99 266, P, Pb, 12 05 24.7 +1.0, ALJA, comp=N,198um,1.3s, AML, AML, ALJA, comp=N,280um,1.2s, 1.04 42, P, Pn, 12 05 23.8 -0.4, 12 05 38.8 +0.7, JOPP, Joppolo, 1.04 42, P, Pn, 12 05 23.8 -0.4, 12 05 38.8 +0.7, JOPP, comp=N,180um,0.7s, AML, AML, JOPP, comp=N,180um,0.7s, AML, AML, PLAC, Placanicca, 1.29 61, P, Pb, 12 05 29.2 +0.4, 12 05 38.5 +0.1, T0702, Acquaformosa (, 2.07 24, P, Pb, 12 05 29.2 +0.4, 12 05 38.5 +0.1, T0702, comp=N,3065um,1.1s, AML, AML

Table with columns: MCRV, Calabrutti - M, 2.95, 2, S, Sb, 12 06 36.0 +3.3, ROM 25 12:09:32.9, 0.2, 37.834N, 0.009, 14.999E, 0.009, h26km, 2km, Md1.7/7, Error ellipse: s-maj=0.9km s-min=0.4km az=197.0, Sicily, Code, Station Name, A, AZ, Phase ID, Op, ISC, h m s, Time, Res, ISC, NOV, Novara, 0.22 29, P, Pb, 12 09 38.9 -0.1, 12 09 42.8 -0.4, NOV, comp=N,170um,0.3s, AML, AML, NOV, comp=N,428um,0.3s, AML, AML, NOV, comp=N,1007um,0.3s, AML, AML, AIO, Antillo, 0.23 53, P, Pb, 12 09 39.2 +0.1, 12 09 44.0 +0.6, AIO, comp=N,235um,0.3s, AML, AML, AIO, comp=N,204um,0.2s, AML, AML, AIO, comp=N,771um,0.3s, AML, AML, MUCR, Ucria, 0.23 335, P, Pb, 12 09 38.8 -0.3, 12 09 43.7 +0.2, MUCR, comp=N,522um,0.9s, AML, AML, MUCR, comp=N,162um,1.1s, AML, AML, MUCR, comp=N,138um,0.5s, AML, AML, MUCR, comp=N,538um,0.3s, AML, AML, MUCR, comp=N,962um,0.3s, AML, AML, MNO, Monte Soro, 0.26 292, P, Pb, 12 09 39.8 +0.2, 12 09 45.2 +1.0, MNO, comp=N,197um,0.3s, AML, AML, MNO, comp=N,234um,0.6s, AML, AML, MNO, comp=N,496um,1.3s, AML, AML, MCSR, Castoreale, 0.30 41, P, Pb, 12 09 40.0 -0.2, 12 09 45.7 +0.6, MCSR, comp=N,397um,0.8s, AML, AML, MCSR, comp=N,405um,0.2s, AML, AML, MCSR, comp=N,1038um,0.3s, AML, AML, MCPD, Capo d'Orlando, 0.36 323, P, Pb, 12 09 40.7 -0.1, 12 09 47.1 +0.8, MCPD, comp=N,57um,0.3s, AML, AML, MCPD, comp=N,240um,0.3s, AML, AML, MCPD, comp=N,268um,0.8s, AML, AML, GAGL, Gagliano Caste, 0.36 250, P, Pb, 12 09 40.7 -0.1, 12 09 45.7 +0.6, GAGL, comp=N,120um,0.4s, AML, AML, GAGL, comp=N,253um,0.4s, AML, AML, GAGL, comp=N,280um,0.7s, AML, AML, MSFR, San Fratello, 0.38 302, P, Pb, 12 09 41.3 0.0, 12 09 47.6 +0.6, MSFR, comp=N,37um,0.5s, AML, AML, MSFR, comp=N,108um,0.2s, AML, AML, MSFR, comp=N,102um,1.5s, AML, AML, MPNC, Port Mandanici, 0.42 42, P, Pb, 12 09 42.1 +0.3, 12 09 49.6 -0.5, MPNC, comp=N,422um,0.6s, AML, AML, ATN, Antennamare, 0.49 48, P, Pb, 12 09 43.3 +0.3, ATN, comp=N,1080um,0.4s, AML, AML, HLNI, Lentini, 0.50 192, P, Pb, 12 09 43.0 0.0, 12 09 50.7 +0.7, HLNI, comp=N,167um,0.4s, AML, AML, HLNI, comp=N,492um,0.3s, AML, AML

Table with columns: ROM 25 12:10:31.2, 0.1, 37.835N, 0.006, 15.01E, 0.01, h23km, 1km, az=96.0, Sicily, Code, Station Name, A, AZ, Phase ID, Op, ISC, h m s, Time, Res, ISC, NOV, Novara, 0.22 27, P, Pb, 12 10 36.9 +0.2, 12 10 41.1 +0.1, NOV, comp=N,1006um,0.3s, AML, AML, NOV, comp=N,428um,0.3s, AML, AML, NOV, comp=N,1007um,0.3s, AML, AML, NOV, comp=N,628um,0.7s, AML, AML, NOV, comp=N,1540um,0.3s, AML, AML, AIO, Antillo, 0.22 52, P, Pb, 12 10 37.0 -0.1, 12 10 41.9 +0.8, AIO, comp=N,522um,0.9s, AML, AML, AIO, comp=N,771um,0.3s, AML, AML, AIO, comp=N,762um,0.2s, AML, AML, MUCR, Ucria, 0.23 333, P, Pb, 12 10 36.6 -0.7, 12 10 41.4 0.0, MUCR, comp=N,864um,0.3s, AML, AML, MUCR, comp=N,538um,0.3s, AML, AML, MUCR, comp=N,962um,0.3s, AML, AML, MUCR, comp=N,623um,0.4s, AML, AML, MUCR, comp=N,624um,0.4s, AML, AML, ESML, S. M. di Licod, 0.24 206, P, Pb, 12 10 38.3 +1.0, 12 10 37.6 -0.3, MNO, Monte Soro, 0.27 291, P, Pb, 12 10 37.6 -0.3, 12 10 43.0 +0.6, MNO, comp=N,476um,0.3s, AML, AML, MNO, comp=N,496um,1.3s, AML, AML, MNO, comp=N,1095um,0.3s, AML, AML, MCSR, Castoreale, 0.30 40, P, Pb, 12 10 37.8 -0.4, 12 10 43.6 +0.7, MCSR, comp=N,1012um,0.7s, AML, AML, MCSR, comp=N,1100um,0.2s, AML, AML, MCSR, comp=N,1975um,0.8s, AML, AML, MCPD, Capo d'Orlando, 0.36 322, P, Pb, 12 10 38.5 -0.6, 12 10 44.7 +0.2, MCPD, comp=N,215um,0.2s, AML, AML

25d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANTO, AFSR, KULU, BRTR, etc.

ISCJB 25 13:10:06.5+1.1, 43.0N:0.1-87.8E:0.1, h10km, Error ellipse: s-maj=17.4km s-min=9.0km az=28.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31, MK31, MAKZ, etc.

ISCJB 25 13:12:05.8+0.3, 52.40N:0.06:175.77W:0.07, h150km, Error ellipse: s-maj=9.1km s-min=3.9km

ISCJB 25 13:12:05.9+9.2, 52.43N:175.79W, h140km, 9.2km, mb3.5/7, mb1.3/8.9, mb1mx3.4/46, mbtmp3.9/9, Error ellipse: s-maj=39.7km s-min=17.1km az=8.0

ISCJB 25 13:12:07.0+1.6, 52.3N:0.3-175.6W:0.1, h144km, 9km, mb4.2/44

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

ISCJB 25 13:12:07.0+0.6, 52.3N:0.1-175.67W:0.06, h150km, n87, c1108/84, mb4.0/11, Andreon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPLA, RCO1, PMR, etc.

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

ISCJB 25 13:26:53.8+0.6, 17.22S:70.94W, h105km, 11km, ML3.2

ISCJB 25 13:26:52.5+1.5, 33.03N:0.08-141.5E:0.1, h35km, n11, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like B08A, MAJO, MJB9, etc.

ISCJB 25 13:26:51.2+1.0, 32.99N:0.07:141.56E:0.1, h35km, mb3.3/2, Error ellipse: s-maj=11.8km s-min=9.4km az=8.1

ISCJB 25 13:26:54.0+1.5, 32.36N:138.85E, h0km, mb4.4/2, mb1.3/6.3, mb1mx3.3/41, mbtmp3.4/3, ML2.5/1, Error ellipse: s-maj=43.5km s-min=18.0km az=115.0

JMA 25 13:26:56.0+1.8, 33.30N:141.10E, h21km, M1.3

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

SJA 25 13:26:53.0+1.0, 17.22S:71.01W, h132km, 10km, ML3.6

GUC 25 13:26:53.8+0.6, 17.22S:70.94W, h105km, 11km, ML3.2

ISC 25 13:26:52.3+2.9, 17.22S:0.1-71.1W:0.2, h126km, 19km, n22, c129/35, 3C-8D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB12, PB12, PB12, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB06, PB06, PB10, etc.

KRSC 25 13:30.1, 0.0, 9.53:24N:160.22E, h60km, 11km, ML4.6, FELT (II-III) at Petropavlovsk

MOS 25 13:30.32:3.0, 8.53:23N:160.15E, h58km, mb4.1/8, Error ellipse: s-maj=32km s-min=4.2km az=78.9

MOS Fell (II-III) at Petropavlovsk-Kamchatskiy, NEIC 25 13:30.33:2.7, 53.2N:0.1-160.1E:0.1, h57km, 6km, mb4.4/27

IDC 25 13:30.36:8.1, 2.53:39N:159.81E, h85km, 10km, mb3.6/18, mb1.3/8.2/1, mb1mx3.7/47, mbtmp3.9/21, MS3.0/2, Ms1 3.0/2, ms1mx2.4/35, Error ellipse: s-maj=19.3km s-min=11.7km az=147.0

ISC 25 13:30.32:0.7, 53.2N:0.03:160.18E:0.03, h53km, 6km, n181, c1842/210, mb4.2/41, 1C-1D, Near east coast of Kamchatka Peninsula

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Bering, Magadan, Seymchan, Kamikawa-asahi, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAKZ, MAKW, BRVK, KMI, AAK, NVAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GEYT, MKAR, DANN, KOLN, GKN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TREB Trebinje, PLE Plijevja, UPM Unac-Piva, etc.

SJA 25 14:22:53.9.0.21.90S:68.48W, h141km, 7km, M.L3.1, MW3.3

ISCJB 25 14:22:54.6.0.8.21.89S:0.04:68.52W.0.07, h139km, 10km, Error ellipse: s-maj=10.8km s-min=5.8km az=169.4

GUC 25 14:22:54.9.0.7.21.89S:68.52W, h131km, 5km, M.L3.4

ISC 25 14:22:55.0.1.6.21.90S:0.04:68.49W.0.06, h136km, 11km, n38, o54.70, 3C-6D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB09 IPOC Station P, PB09 IPOC Station P, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB08 eS, GO01 Chuzmisia, PB11 IPOC Station P, etc.

KRSC 25 14:33:53.9.2.2.54.83N:165.74E, h42km, 15km, M.L4.3

MOS 25 14:33:56.5.0.7.54.91N:165.82E, h38km, mb3.9/1, Error ellipse: s-maj=7.3km s-min=6.4km az=175.9

ISC 25 14:33:57.2.0.6.54.89N:0.04:165.82E.0.06, h26km, n111, o147/135, mb3.8/13, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BKI Bering, KBT Krutoberegovo, KBTR Krutoberegovo, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include ARS Arslanbob, AML Almayashu, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KLR Kul'dur, KDAK Kodiak Island, KDAC Kodiak Island, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

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Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

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Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Code Station Name Az Az' Phase ID Time Res. Rows include WRA Warramunga Arr, ARS Arslanbob, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KSH, DSI, HNTI, WALJ, KSDI, GEM, AMAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ASAR, WHN, CMAR, JNU, CHTO, etc.

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

ISCJB 25 15:08:57.6,0.3,3.17N,0.03x125.46E,0.04,h150km, mb4.2/22, Error ellipse: s-maj=6.1km s-min=4.1km az=156.3

NEIC 25 15:08:59.3,2.3,3.22N,0.09x125.49E,0.08,h157km,6km, mb4.3/25

ISC 25 15:08:59.1,1.6,3.08N,125.19E,h153km,14km,mb3.8/20, mb1.3/22,mb1mx3.7/40,mbtmp3.4/22, Error ellipse: s-maj=19.2km s-min=8.8km az=73.0

DJA 25 15:08:59.3,0.3,3.17N,0.03x125.46E,h145km,3km,M4.5/14, mb4.5/13,mb5.0/7,MLV4.8/14,MW(mB)4.3/7

ISC 25 15:08:59.0,0.3,3.12N,0.04x125.47E,0.05,h150km,n79, n177/90,mb4.2/31,3C,Talud Islands

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

ISCJB 25 15:08:57.6,0.3,3.17N,0.03x125.46E,0.04,h150km, mb4.2/22, Error ellipse: s-maj=6.1km s-min=4.1km az=156.3

NEIC 25 15:08:59.3,2.3,3.22N,0.09x125.49E,0.08,h157km,6km, mb4.3/25

ISC 25 15:08:59.1,1.6,3.08N,125.19E,h153km,14km,mb3.8/20, mb1.3/22,mb1mx3.7/40,mbtmp3.4/22, Error ellipse: s-maj=19.2km s-min=8.8km az=73.0

DJA 25 15:08:59.3,0.3,3.17N,0.03x125.46E,h145km,3km,M4.5/14, mb4.5/13,mb5.0/7,MLV4.8/14,MW(mB)4.3/7

ISC 25 15:08:59.0,0.3,3.12N,0.04x125.47E,0.05,h150km,n79, n177/90,mb4.2/31,3C,Talud Islands

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

ISCJB 25 15:45:21.4,0.5,44.16N,0.07x143.56E,0.08, h208km,4km,mb3.4/5, Error ellipse: s-maj=11.4km s-min=9.0km az=160.7

JMA 25 15:45:22.8,0.2,44.14N,143.50E,h204km,2km,M2.8, mb1.3/4.9,mb1mx3.1/46,mbtmp3.9/9, Error ellipse: s-maj=32.4km s-min=16.5km az=147.0

ISC 25 15:45:22.5,0.8,44.14N,143.50E,0.07,h205km,6km, n21,0.956/32,mb3.7/5,Hokkaido region

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

ISCJB 25 15:52:30.1,0.6,8.60N,0.03x75.36W,0.05,h56km,15km, mb3.4/1,MS2.8/1, Error ellipse: s-maj=8.1km s-min=4.9km az=16.6

RSNC 25 15:52:30.5,0.9,8.60N,75.38W,h28km,10km,ML3.3, Mw3.6

ISC 25 15:52:37.2,2.9,8.97N,74.98W,h125km,30km,mb2.8/1, mb1.3/4.3,mb1mx3.1/30,mbtmp3.8/3,MS3.0/1,Ms1.3/0.1, ms1mx3.3/12, Error ellipse: s-maj=32.3km s-min=16.5km az=129.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARKB, RAYN, IMAR, ILAR, etc.

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

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

ISCJB 25 16:42:43.9,0.8,36.935:0.05:72.1W:0.1, h116km, 11km, Error ellipse: s-maj=14.6km s-min=7.1km az=12.7

SJA 25 16:42:44.9,1.1,36.993:1.1:97W,h92km,7km,ML3.2, MW3.0

GUC 25 16:42:45.0-0.7,37.055:71.88W,h89km,4km,ML3.6

ISC 25 16:42:46.5,1.8,36.935:0.08:71.97W,0.07,h89km,11km, m29, r1520/39,1C, Central Chile

Main station list table for the left column, including stations like CCHI, COCH, G005, etc.

JOW JOW comp=N,570nm,13.9s QIZ QIZ comp=E,630nm,13.6s

Kunigami 17.43 12 P Iamb P 17 03 54.4 +0.3

MMRI Maumere 18.38 186 P Pn 17 04 03.8 -0.8

SMPI Sarmi 18.64 128 P Pn 17 04 10.4 +2.5

UBPT Khong Chiam 19.01 289 P Pn 17 04 16.9 +4.6

UBPT Khong Chiam 19.01 289 P Iamb Iamb 17 04 09.0 -2.6

SOEI Soe 19.39 180 P Pn 17 04 18.0 +0.9

SOEI Baumat 19.39 180 P Pn 17 04 17.0 0.0

BATI Baumat 19.85 181 P Pn 17 04 22.2 -0.0

JAY Jayapura 20.54 126 P Pn 17 04 31.4 +0.8

JAGI Jajaja, Banyuw 20.56 209 P Pn 17 04 30.8 -1.1

JAGI Jajaja, Banyuw 20.56 209 P Pn 17 04 30.7 -1.2

SMRI Semarang 21.56 220 P Pn 17 04 38.4 -1.0

MYKOM Kota Tinggi 21.65 250 P Pn 17 04 42.1 +1.8

WOJI Wonogiri, Jawa 21.88 217 P Pn 17 04 44.1 +1.4

CHAI Chiayaphum 22.41 288 P Pn 17 04 53.7 +5.1

WHN Wuhan 22.59 338 P Pn 17 04 53.0 +2.7

NJZ Nanjing 22.71 348 P Pmax Pmax 17 04 52.0 +0.5

LEM Lembang 23.28 226 P Pn 17 04 58.7 +1.0

IPM Ipoh 23.50 259 P Iamb Iamb 17 05 04.4 -1.5

MTN Mantan Dam 23.52 163 P Iamb Iamb 17 05 00.9 +1.0

PBKT Sadao Pong 23.52 289 P Pn 17 05 01.7 +1.7

PBKT Sadao Pong 23.52 289 P Iamb Iamb 17 05 04.3 -0.9

KULM Kulim 23.68 261 P Iamb Iamb 17 05 00.3 -1.3

PHET Kaeng Krachan 24.21 280 P Pn 17 05 14.3 +7.7

PHET Kaeng Krachan 24.21 280 P Pn 17 05 14.3 +7.7

ENSH Enshi 24.55 328 P Pn 17 05 09.1 -0.5

MKI Maura Aman, Be 25.42 310 P Pn 17 05 18.3 +0.5

KMI Kunming 25.42 310 P Pmax Pmax 17 05 18.3 +0.5

PKDT Phuket 25.55 268 P Pn 17 05 23.2 +4.5

PKDT Phuket 25.55 268 P Pn 17 05 23.2 +4.5

KNRA Kunurra 25.69 170 P Iamb Iamb 17 05 21.1 +1.1

CMAR Chiang Mai Arr 25.87 292 P Pn 17 05 22.2 +0.5

PSI Prapat 25.87 292 P Pn 17 05 21.9 -0.8

CMMT Chiang Mai 25.97 293 P Pn 17 05 28.7 +6.1

CMMT Chiang Mai 25.97 293 P Pn 17 05 28.7 +6.1

RPSI Rantau Prapat 26.00 256 P Iamb Iamb 17 05 21.4 -1.4

KCSI Kotacane, Aceh 26.88 258 P Pn 17 05 27.8 -3.1

FITZ Fitzroy Crossi 27.73 177 P Pn 17 05 38.0 -0.3

FITZ Fitzroy Crossi 27.73 177 P Iamb Iamb 17 05 52.1 -0.1

KSR5 Korea Array 27.78 7 P Pn 17 05 39.3 +0.6

XAN Xi'an 27.90 332 P Pn 17 05 42.5 +2.7

XAN Xi'an 27.90 332 P Pmax Pmax 17 05 39.0 -0.9

CD2 Chengdu 28.31 321 P Pn 17 05 43.0 -0.6

BJJ Beijing 30.97 348 P Pn 17 06 08.3 +1.4

WRA Warrunganga Arr 31.19 161 P Pn 17 06 08.5 -0.6

WRA Warrunganga Arr 31.19 161 P Pn 17 06 08.5 -0.6

WRA Warrunganga Arr 31.19 161 P Pn 17 06 07.6 -1.5

LZH Lanzhou 32.03 328 P Pn 17 06 17.8 +1.2

LZH Lanzhou 32.03 328 P Pn 17 06 24.0 +3.0

LZH Lanzhou 32.03 328 P Pmax Pmax 17 06 28.0 +8.3

LZH Lanzhou 32.11 12s LR LR 17 06 28.0 +8.3

LZH Lanzhou 32.330nm,13.4s LR LR 17 06 28.0 +8.3

LZH Lanzhou 32.330nm,13.5s LR LR 17 06 28.0 +8.3

HHC Hu-ho-hao-te 32.90 342 P Pmax Pmax 17 06 26.3 +2.3

HHC Hu-ho-hao-te 32.90 342 P Pmax Pmax 17 06 26.3 +2.3

SHL Shillong 34.37 301 P Iamb Iamb 17 06 36.5 -0.7

SHL Shillong 34.37 301 P Iamb Iamb 17 06 43.9 -0.7

ASR Alice Springs 34.58 164 P Pn 17 06 37.8 -0.9

ASR Alice Springs 34.58 164 P Pn 17 06 38.5 -0.2

ASR Alice Springs 34.58 164 P Pn 17 06 38.5 -0.2

ASR Alice Springs 34.58 164 P Pn 17 06 37.9 -0.8

USRK Ussuriysk Arr 34.98 10 P Pn 17 06 43.0 +1.1

MDJ Madyan 35.04 7 P Pmax Pmax 17 06 46.3 +3.8

GTA Gaotai 36.63 328 P Pn 17 06 57.8 +1.4

GTA Gaotai 36.63 328 P Pn 17 07 06.3 +6.0

GTA Gaotai 36.63 328 P Pmax Pmax 17 07 10.3 +1.1

ASJ Asahikawa 37.79 22 P Pn 17 07 07.8 +1.8

ASJ Asahikawa 37.79 22 P Pn 17 07 07.8 +1.8

ASJ Asahikawa 37.79 22 P Pn 17 07 07.8 +1.8

ASR Alice Springs 34.08 124 P Pn 17 10 52.3 -0.3

SOMN Songo Array 53.59 2 P Pn 17 13 29.1 0.0

MAR Malakchi Array 55.79 342 P Pn 17 13 45.6 +0.6

ZALV Zalesovo Array 56.88 320 P Pn 17 14 26.7 +0.7

NIED 25 17:10:00,37:20N,144:60E,h20km,Mw7.1 Best double couple: M5.40000x1019 N1P1=178.00000, S45.00000, X-100.00000, NP2=12.00000, S46.00000, X-80.00000

BJJ 25 17:10:14,0,0,0,37:16N,144:68E,h10km,mb7.0/42, mb7.2/66, Ms1.7/49, Ms7.7/38

ISC 25 17:10:15,2,0,3,37:14N,144:73E,h0km,mb6.2/55, mb1.6/363, mb1mx6.3/64, mbtmp6.3/63, ML5.3/8, MS1.1/52, Ms1.7/52, ms1mx7.0/62, Error ellipse: s-maj=9.8km s-min=7.6km az=98.0

HON 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000, X-88.00000, Principal axes: T P1g13.00000, Azm262.00000, N P1g1.00000, Azm172.00000, P P1g77.00000, Azm77.00000

MOS 25 17:10:16,2,2,37:20N,105:144:60E,0.07,h10km,2km MOS 25 17:10:17,8,0,9,37:19N,144:68E,h30km,mb7.1/55, MS7.2/42, Error ellipse: s-maj=4.8km s-min=3.0km az=113.3 Broadband fault plane solution: P waves. M=1.00000x1020 N1P1=171.00000, S58.00000, X-91.00000, NP2=354.00000, S32.00000,

-4.7961, Plg69.0000°, Azm346.0000°;
 PMR 25 17:10:21.2, 2.37, 20N, 0.05, 144.60E, 0:08, h10km, 2km
 GCMT 25 17:10:24.7, 0.1, 37.17N, 0.01, 144.66E, h25km
 MW7.1/147, Moment Tensor Solution. s147,c384;
 s145,c760; Duration: 9s1 Moment tensor: Scale 10¹⁹
 Nm; Mn:-6.29±.02; M₀:0.05±.02; M₀:6.24±.02;
 M₀-1.38±.10; M₀:0.23±.01; M₀:0.64±.10; Best double
 couple: M₀:4.4500×10¹⁹ NP1:3s14.00000° δ49.00000°
 λ-75.00000° NP2:3s17.00000° δ43.00000°
 λ-107.00000°. Principal axes: T 6.2870, Plg3.0000°;
 Azm93.0000° N 0.3200, Plg1.0000°; Azm183.0000°;
 P -6.6300, Plg78.0000°; Azm347.0000°; nsta1 refers to
 body waves, cutoff=50s. nsta2 refers to surface/mantle
 waves, cutoff=50s. Triangular moment-rate function
 ISC 25 17:10:17.1, 0.4, 37.15N, 0.02, 144.75E, 0.02, h15km, 2km,
 h15km; p-P, n3478, c1877/3730, m6E, 8/987, M571/800,
 85C-262D, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Op	ISC	Time	Res
						h m s	ISC
JIKH	Ishinomakikobu	2.85	295	Op	Pn	17 11 00.7	-1.4
JIKH				eS	Sn	17 11 02.5	-3.7
JIO	Ouri	3.00	297	Op	Pn	17 11 02.6	-1.5
JIO				eS	Sn	17 11 03.2	-4.5
JKMT	Kesennumamotoy	3.08	304	Op	Pn	17 11 03.7	-1.5
JKMT				eS	Sn	17 11 04.1	-1.5
JFK	Wauchi	3.10	275	Op	Pn	17 11 04.1	-1.5
JFK				eS	Sn	17 11 04.0	-1.6
OFUJ	Ofunato	3.11	309	Op	Pn	17 11 04.0	-1.6
OFUJ				eS	Sn	17 11 03.8	-3.9
JMST	Minamisoumatoc	3.13	282	Op	Pn	17 11 04.2	-1.7
JMST				eS	Sn	17 11 03.6	-4.5
JIMM	Marumori	3.23	284	Op	Pn	17 11 05.1	-1.5
JIMM				eS	Sn	17 11 07.2	-1.3
JMK	Ichinoseki	3.32	304	Op	Pn	17 11 07.2	-1.3
JMK				eS	Sn	17 11 04.2	-3.6
MIYJ	Miyakonagasawa	3.35	317	Op	Pn	17 11 07.0	-1.9
JFDD	Fukushimafuru	3.35	270	Op	Pn	17 11 07.5	-1.5
JFDD				eS	Sn	17 11 08.7	-0.5
JFOF	Osakifurukawao	3.37	287	Op	Pn	17 11 08.7	-0.5
JHO	Hitachi	4.00	262	Op	Pn	17 11 07.9	-1.7
JOU	Okura	3.46	292	Op	Pn	17 11 09.8	-0.7
JFT	Otama	3.54	277	Op	Pn	17 11 11.2	-0.4
JOM	Ohasama	3.58	312	Op	Pn	17 11 11.0	-1.1
JTH	Tanohata	3.59	322	Op	Pn	17 11 10.5	-1.8
JYAR	Yonezawaracadi	4.30	305	Op	Pn	17 11 14.2	-0.2
JYK	Kaneyama	3.90	298	Op	Pn	17 11 15.8	-0.6
JKZ	Kuzumaki	3.90	318	Op	Pn	17 11 15.5	-1.1
JRG	Rokugo	3.94	306	Op	Pn	17 11 16.3	-0.8
BSO1	Boso 1	3.95	232	Op	Pn	17 11 15.3	-1.4
BSO2	Boso 2	3.95	232	Op	Pn	17 11 16.8	-0.4
JSZI	Iwateshizukuis	3.95	314	Op	Pn	17 11 16.8	-0.4
IS09P	SUMI INFRASON	4.03	242	Op	Pn	17 11 18.4	+0.1
	baz=62,slow=14,SNR=1.8						
IS09P				Sn	Sn	17 12 07.4	+2.1
JFY	Yanaizu	4.04	275	Op	Pn	17 11 17.8	-0.6
JVA	Atsumi	4.24	291	Op	Pn	17 11 20.5	-0.6
JYW	Yuwa	4.30	305	Op	Pn	17 11 21.7	-0.3
JAG	Ashikaga	4.32	262	Op	Pn	17 11 21.1	-1.1
JRY	Ryogami san	4.84	258	Op	Pn	17 11 28.2	-1.3
JRY				eS	Sn	17 12 20.5	-4.8
JOD2	Odawara 2	4.95	249	Op	Pn	17 11 30.2	-0.8
JOD2				eS	Sn	17 12 24.7	-3.3
ERM	Erimo	5.02	346c	Op	Pn	17 11 31.7	-0.1
ERM				MLR	MLR		
	comp=Z,2502um,22.0s						
ERM	Erimo	5.02	346	Op	Pn	17 11 30.6	-1.3
JOT	Onata	5.12	327	Op	Pn	17 11 32.1	-1.1
JOT				eS	Sn	17 11 35.1	-5.2
MJAR	Matsushiro Arr	5.28	265	Op	Pn	17 11 35.1	-0.5
MJAR				Sn	Sn	17 12 36.3	0.0
	comp=Z,267nm,0.3s, baz=87,slow=29,SNR=3.4						
MJAR				LR	LR	17 13 52.6	
MJAR	Matsushiro Arr	5.28	265	Op	Pn	17 11 34.8	-0.7
MJAR				Sn	Sn	17 12 35.0	-1.2
MAJO	Matsushiro	5.29	265	Op	Pn	17 11 35.9	+0.3
MAJO				pmax	pmax		
	comp=Z,9um,0.6s						
MAJO	Matsushiro	5.29	265	Op	Pn	17 11 35.6	+0.1
MAT	Matsushiro	5.29	265	Op	Pn	17 11 35.9	+0.3
IAT	Matsushiro	5.29	265	Op	Pn	17 12 35.3	-0.9
IAT				S	S	17 11 35.9	+0.3
MJB9	Matsui-Tunnel	5.29	265	Op	Pn	17 11 35.8	+0.2
JNG	Nsakai	5.39	264	Op	Pn	17 11 37.3	+0.2
JKB	Kayabe	5.54	330	Op	Pn	17 11 38.2	-0.8
JCH	Churui	5.57	349	Op	Pn	17 11 37.4	-2.0
JCH				eS	Sn	17 11 36.5	-6.6
SHZ3	Shizuoka 3	5.69	251	Op	Pn	17 11 40.8	-0.4
JHJ2	Mitsune	5.71	227	Op	Pn	17 11 39.5	-1.8
JHJ2				eS	Sn	17 12 41.9	-4.7
JHJ2	Mitsune	5.71	227	Op	Pn	17 11 39.9	-1.4
JHJ	Hachijo jima 2	5.72	227	Op	Pn	17 11 39.6	-1.9
JHJ				Sn	Sn	17 12 41.9	-5.0
	comp=Z,19um,0.3s, baz=359,slow=10,SNR=7.7						
JHJ				LR	LR	17 13 08.8	
	comp=Z,435um,21.8s, baz=42,slow=50						
JSZ	Suzu	5.90	275	Op	Pn	17 11 44.4	+0.4
JGN	Niukaw	6.05	263	Op	Pn	17 11 47.0	+0.9
JYZW	Yoshizawa	6.08	251	Op	Pn	17 11 46.1	-0.3
JGF	Kurokawa	6.16	258	Op	Pn	17 11 48.5	+0.8
NEM2	Nemuro 2	6.26	7	Op	Pn	17 11 45.4	-3.5
NEM2				eS	Sn	17 12 53.0	-7.1
NMR	Nemuro-Hokkai	6.26	7c	Op	Pn	17 11 45.8	-3.1
NMR				iS	Sn	17 12 52.8	-7.4
JHH	Hakui	6.38	270	Op	Pn	17 11 51.0	+0.4
JOSM	Okushiri-Mats	6.40	322	Op	Pn	17 11 50.1	-0.7
JOSM				eS	Sn	17 12 58.7	-4.8
INU	Inuyama	6.50	256	Op	Pn	17 11 52.3	0.0
JYTA	Yamagatanai	6.65	259	Op	Pn	17 11 55.1	+0.8
JTKR	Abashiri-Toko	6.85	355	Op	Pn	17 11 54.9	-2.1
JTKR				eS	Sn	17 13 07.8	-6.8
GRPR	Tuman	6.88	6c	Op	Pn	17 11 54.7	-2.8
GRPR				iS	Sn	17 13 08.7	-6.8
	comp=Z,25um,0.6s			pmax	pmax		
GRPR				pmax	pmax		
	comp=N,19um,0.5s			pmax	pmax		
GRPR				pmax	pmax		
	comp=E,7um,0.3s			pmax	pmax		
GRPR				pmax	pmax		
	comp=E,162um,0.6s			pmax	pmax		
GRPR				pmax	pmax		
	comp=N,39um,0.2s			pmax	pmax		
YUK	Yuzh-Kuril'sk	6.93	7c	Op	Pn	17 11 54.9	-3.2
YUK				iS	Sn	17 13 08.8	-7.9
YUK				pmax	pmax		
	comp=N,5um,0.2s			pmax	pmax		
YUK				pmax	pmax		
	comp=E,9um,0.2s			pmax	pmax		
YUK				pmax	pmax		
	comp=Z,29um,0.2s			pmax	pmax		
YUK				pmax	pmax		
	comp=E,1um,0.4s			pmax	pmax		
YUK				pmax	pmax		
	comp=N,93nm,0.6s			pmax	pmax		
LAGR	Lagunnoye	6.95	6c	Op	Pn	17 11 55.9	-2.4
LAGR				iS	Sn	17 13 09.5	-7.6
	comp=Z,26um,0.4s			pmax	pmax		
LAGR				pmax	pmax		
	comp=N,13um,0.3s			pmax	pmax		
LAGR				pmax	pmax		
	comp=E,27um,0.4s			pmax	pmax		
LAGR				pmax	pmax		
	comp=N,132um,0.4s			pmax	pmax		
LAGR				pmax	pmax		
	comp=E,123um,0.4s			pmax	pmax		
JHR	Hokuryu	6.98	342	Op	Pn	17 11 58.9	+0.1
JHR				eS	Sn	17 13 14.5	-3.5
JIE	Ise	7.09	250	Op	Pn	17 12 00.5	+0.2
JKA	Kamikawa-asahi	7.15	347	Op	Pn	17 12 00.5	-1.0
JKA				eS	Sn	17 13 18.8	-3.4
ASAJ	Asahikawa	7.15	347	Op	Pn	17 12 00.1	-1.1
	comp=E,284nm,0.3s, baz=188,slow=14,SNR=694						
ASAJ				Sn	Sn	17 13 18.8	-3.4
	comp=E,788nm,0.3s, baz=30,slow=30,SNR=4.4						
ASAJ				LR	LR	17 15 59.3	
	comp=E,663um,18.1s, baz=184,slow=48						
JFM	Mihama	7.26	260	Op	Pn	17 12 03.2	+0.5
TT01	TONAKAI O.B.S	7.40	260	Op	Pn	17 12 03.2	+0.1
JTNC	Tanabenahech	8.16	249	Op	Pn	17 12 14.7	-0.4

KUR	Kuril'sk	8.41	15d	P	Pn	17 12 15.1	-3.3
KUR				eS	Sn	17 13 47.6	-5.5
KUR	comp=Z,7um,0.6s			pmax	pmax		
KUR	comp=E,3um,0.4s			pmax	pmax		
KUR	comp=N,5um,0.6s			pmax	pmax		
KUR	comp=Z,34um,2.0s			pmax	pmax		
KUR	comp=E,23um,0.5s			pmax	pmax		
KUR	comp=N,15um,0.4s			pmax	pmax		
KUR	comp=E,141um,3.3s			pmax	pmax		
KUR	comp=N,126um,3.7s			pmax	pmax		
JKW2	Kethoku	8.44	346	Op	Pn	17 12 19.4	+0.6
JAI	Aioi	9.04	251	Op	Pn	17 12 27.1	-0.1
JJS	Sakaide	9.22	256	Op	Pn	17 12 28.8	-0.8
JOI	OKI	9.28	268	Op	Pn	17 12 31.1	+0.8
JHS	Saiyo	9.66	261	Op	Pn	17 12 35.7	+0.1
YSS	Yuzh-Sakhalins	9.91	352	Op	Pn	17 12 37.3	-1.7
				eS	Sn	17 14 25.4	-4.5
				pmax	pmax		
	comp=Z,20um,9.3s			pmax	pmax		
YSS	comp=N,26um,12.0s			pmax	pmax		
YSS	comp=E,9um,7.5s			pmax	pmax		
YSS	comp=Z,2um,0.9s			pmax	pmax		
YSS	comp=N,33um,4.0s			pmax	pmax		
YSS	comp=Z,631um,16.0s			pmax	pmax		
YSS	comp=E,368um,17.0s			pmax	pmax		
YSS	Yuzh-Sakhalins	9.91	352	Op	Pn	17 12 37.5	-1.4
TEY	Ternei	9.99	325	Op	Pn	17 12 40.4	+0.3
TEY				eS	Sn	17 14 36.4	+4.5
				pmax	pmax		
TEY	comp=N,1um,0.7s			pmax	pmax		
TEY	comp=Z,1um,0.7s			pmax	pmax		
TEY	comp=E,3um,0.8s			pmax	pmax		
TEY	comp=N,6um,1.0s			pmax	pmax		
TEY	comp=Z,8um,1.0s			pmax	pmax		
TEY	comp=N,3um,1.0s			pmax	pmax		
TEY	comp=E,2um,1.3s			pmax	pmax		
TEY	comp=E,439um,15.0s			pmax	pmax		
TEY	comp=N,477um,16.0s			pmax	pmax		
CBJ	Chichijima	10.25	193	Op	Pn	17 12 39.9	-3.8
JCCJ	Chichijima	10.25	193	Op	Pn	17 12 40.2	-3.6
JCCJ	comp=N,427nm,0.3s, baz=269,slow=21,SNR=50						
JCCJ				Sn	Sn	17 14 29.9	-8.6

Table with columns: HNR, Name, Az, El, Mode, P, S, X, Y, Z, Az, El, Mode, P, S, X, Y, Z. Includes stations like Honiara, Porcupine Dome, Tapeljung, Paxon, etc.

Table with columns: MMRI, Name, Az, El, Mode, P, S, X, Y, Z, Az, El, Mode, P, S, X, Y, Z. Includes stations like Maumere, Baldy, Putchoki, Kakani, etc.

Table with columns: Name, Az, El, Mode, P, S, X, Y, Z, Az, El, Mode, P, S, X, Y, Z. Includes stations like BOOM, BRZS, WSI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HYB Hyderabad, SPA0 Spitsbergen Ar, KBS Kingsbay, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BJO1 Lovozero, PINNC Pines Island, XMAS Kiritimat, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DAG Danmarks Havn, DAG G03D Danmarks Havn, GIRL Giralia, etc.

25d 17h

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like KCPM Cahto Peak, G08A Pilot Rock, M04C Macdoel, etc.

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Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like BBOO Buckleboo, MOR8 Mof Rana, KONS Konsvik, etc.

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Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like YERR Walker, WAKR Walker, GOF Golitskoje, etc.

TBLG	comp=Z,7µm,0.8s	IAML_P			
TBLG	Delisi	72.86 310	P	P	17 21 45.9 +0.5
TBLG	comp=Z,2µm,1.1s	IAMB	IAMB		17 22 06.3
PAGB	Antelope Grade	72.97 58	P	IAMB	17 21 47.4 +1.2
PAGB	comp=Z,2µm,1.2s	IAMS_20	IAMS_20		17 21 58.1
PAGB	comp=Z,107µm,21.0s	IAMS_20	IAMS_20		17 47 18.8
VOG	Valley Oaks Go	73.22 57	P	P	17 21 49.1 +1.5
ILULI	Ilulissat	73.31 6	P	P	17 21 48.1 +0.6
ILULI	comp=Z,1µm,1.2s		Pmax	Pmax	
ILULI	comp=Z,1.131µm,21.0s		MLR	MLR	
ILULI	Ilulissat	73.31 6	I/P	P	17 21 49.4 +1.9
ILULI	comp=Z,1.09µm,19.0s		P	P	17 21 48.1 +0.6
ILULI	comp=Z,1µm,1.2s		IAMB	IAMB	17 21 56.8
ILULI	comp=Z,1.131µm,21.0s	IAMS_20	IAMS_20		17 54 24.5
QLMT	Earthquake Lak	73.34 46	P	P	17 21 49.5 +1.0
SMCC	Simmler	73.37 58	P	P	17 21 50.8 +2.2
WSAR	Wadi Sarin	73.41 287	P	P	17 21 49.1 +0.2
WSAR	Wadi Sarin	73.41 287	P	P	17 21 49.7 +0.8
JLN	Jalan Bani Buh	73.41 285	P	P	17 21 49.0 +0.1
JLN	SNR=161		P	P	17 21 49.0 +0.1
ELK	Elko	73.42 51	P	P	17 21 49.9 +0.9
ELK	comp=Z,1µm,1.4s		Pmax	Pmax	
ELK	Elko	73.42 51	P	IAMB	17 21 49.9 +0.9
YHL	Hebgen Lake	73.47 46	P	IAMB	17 21 51.0 +1.7
YHL	comp=Z,2µm,1.2s		IAMB	IAMB	17 22 00.8
WBK	Wadi Bani Khal	73.49 286	P	P	17 21 50.0 +0.5
WBK	SNR=253		P	P	17 21 50.0 +0.5
YHB	Horse Butte	73.52 46	P	IAMB	17 21 51.4 +1.9
YHB	comp=Z,3µm,1.1s		IAMB	IAMB	17 22 01.0
TBLU	Trondheim	73.57 340	I/P	I/P	17 21 48.4 -0.8
TBLU	comp=Z,1.9µm,2.5s		IvM_B	IvM_B	17 21 52.5
TBLU			eS	SS	17 31 15.4 -3.0
TBLU			eSS	SS	17 36 01.2 +1.0
TBLU			IvMs_BB	IvMs_BB	17 58 22.9
TIN	Tinemaha, Big	73.58 56	P	P	17 21 51.7 +1.8
TIN	baz=304,SNR=44				
BIDO	Bidbid	73.64 287	P	P	17 21 50.7 +0.4
BIDO	SNR=214		P	P	17 21 50.7 +0.4
BANOM	Banah	73.69 290	I/P	P	17 21 50.4 -0.2
BANOM	SNR=364		P	P	17 21 51.0 +0.4
BANOM	Banah	73.69 290	P	P	17 21 51.0 +0.4
BANOM	SNR=429		P	P	17 21 51.0 +0.4
BANOM	SNR=429		P	P	17 21 51.0 +0.4
VES	Vestal, Richgr	73.69 57	P	P	17 21 51.4 +1.0
VES	baz=304,SNR=34		P	P	17 21 51.7 +1.0
YHH	Holmes Hill	73.70 46	P	IAMB	17 22 02.0
YHH	comp=Z,2µm,1.3s		IAMB	IAMB	17 22 02.2
YMR	Madison River	73.70 46	P	IAMB	17 21 51.9 +1.3
YMR	comp=Z,2µm,1.2s		IAMB	IAMB	17 22 02.2
IZAR	Zarasai	73.72 329	eP	P	17 21 51.2 +1.0
IZAR	comp=Z,387nm,0.9s		IAMB	IAMB	17 21 57.3
IZAR			ePP	PP	17 24 34.4 +0.4
IZAR			eS	S	17 31 23.2 +2.9
PKM	Mcperson Peak	73.73 58	P	P	17 21 53.0 +2.1
PKM	baz=304,SNR=111				
SHME	Shamm	73.74 290	I/P	P	17 21 50.8 0.0
GNI	Garni	73.76 308	P	P	17 21 52.5 +1.6
GNI	comp=Z,723nm,1.3s, baz=356,slow=3.6,SNR=21		LR	LR	17 57 41.7
GNI	comp=Z,1.76µm,18.5s, baz=65,slow=39		P	P	17 21 51.7 +0.8
GNI	SNR=83		P	P	17 21 52.0 +1.1
GNI	SNR=83		eP	Pmax	17 21 52.0 +1.1
GNI	comp=Z,6µm,1.7s		P	P	17 21 51.4 +0.5
GNI	Garni	73.76 308	P	IAMB	17 22 02.8
GNI	comp=Z,3µm,1.4s		IAMB	IAMB	17 22 02.8
GNI	Garni	73.76 308	IAMS_20	IAMS_20	17 57 22.1
GCMT	Greycliff	73.77 45	P	P	17 21 52.0 +1.1
AKH	Akhalkalaki	73.81 310	P	P	17 21 52.1 +0.9
AKH	comp=Z,2µm,1.3s		Pmax	Pmax	
AKH	comp=Z,1.49µm,18.0s		MLR	MLR	
AKH	Akhalkalaki	73.81 310	I/P	P	17 21 52.8 +1.5
AKH	Akhalkalaki	73.81 310	P	P	17 21 52.1 +0.9
AKH	comp=Z,2µm,1.3s		IAMB	IAMB	17 22 03.3
AKH	comp=Z,1.49µm,18.0s		IAMS_20	IAMS_20	17 58 41.4
YNM	Yellowstone No	73.82 46	P	P	17 21 53.2 +1.9
YNM	comp=Z,1µm,1.2s		IAMB	IAMB	17 22 04.6
YNR	Norris Junctio	73.84 46	P	IAMB	17 21 52.9 +1.4
YNR	comp=Z,2µm,1.2s		IAMB	IAMB	17 22 03.6
MICGM	Minsk	73.87 327	I/P	P	17 21 52.0 +0.9
MICGM	comp=Z,2.2nm,1.0s		PM	PM	17 21 52.0 +0.9
MICGM	comp=Z,2.2nm,1.0s		PM	PM	17 21 54.0
MICGM	comp=Z,5.3nm,4.0s		PM	PM	17 21 55.0
MICGM	comp=N,1.9nm,1.0s		PM	PM	17 21 55.0
MICGM	comp=E,2.0nm,1.0s		PM	PM	17 21 55.0
MICGM	comp=N,1.2nm,4.0s		PM	PM	17 21 56.0
MICGM	comp=Z,88nm,4.0s		PM	PM	17 21 57.0
MICGM	comp=N,7.1nm,4.0s		PM	PM	17 21 57.0
MICGM	comp=E,17nm,4.0s		PM	PM	17 21 58.0
MICGM	comp=E,15nm,4.0s		PM	PM	17 22 10.0 +3.5
MICGM	comp=Z,20nm,16.0s		eP	PP	17 24 38.0 +2.7
MICGM	comp=Z,24nm,16.0s		ePP	PPP	17 26 22.0
MICGM	comp=E,30nm,12.0s		eS	S	17 31 22.0 -0.1
MICGM	comp=E,57nm,12.0s		SM	SM	17 31 28.0
MICGM	comp=N,36nm,12.0s		SM	SM	17 32 08.0
MICGM	comp=N,27nm,12.0s		SM	SM	17 32 10.0
MICGM	comp=N,172nm,20.0s		eSS	SS	17 36 02.0 -3.2
MICGM	comp=E,80nm,20.0s		eSSS	SSS	17 39 36.0
MICGM	comp=N,116nm,20.0s		eLQ	LQ	17 46 56.0
MICGM	comp=E,163nm,20.0s		LQM	LQM	17 50 40.0
MICGM	comp=N,172nm,20.0s		LQM	LQM	17 50 40.0
MICGM	comp=E,80nm,20.0s		LQM	LQM	17 51 02.0
MICGM	comp=N,116nm,20.0s		LQM	LQM	17 51 04.0
MICGM	comp=E,163nm,20.0s		LQM	LQM	17 51 04.0

MICGM	comp=N,61nm,16.0s	eLR	LR		17 52 40.0
MICGM	comp=N,196nm,16.0s	LRM	MLR		17 57 00.0
MICGM	comp=Z,204nm,16.0s	LRM	MLR		17 57 06.0
MICGM	comp=E,85nm,16.0s	LRM	MLR		17 57 12.0
MICGM	comp=Z,204nm,16.0s	LRM	MLR		17 57 16.0
MNK	Minsk	73.87 327	I/P	P	17 21 52.0 +0.9
ISAL	Salakas	73.89 329	eP	P	17 21 52.2 +1.0
ISAL	comp=Z,1µm,1.0s		IAMB	IAMB	17 22 00.3
ISAL	Upper Falls	73.94 46	P	PP	17 24 36.1 +0.7
ISAL	YUF	73.94 46	eS	S	17 31 24.8 +2.5
YUF	comp=Z,989nm,1.2s		IAMB	IAMB	17 22 32.8
SMDO	Samad	73.95 287	P	P	17 21 52.4 +0.2
SMDO	SNR=190		P	P	17 21 52.4 +0.2
SLIT	Slitere, Latvi	73.97 332	eP	P	17 21 51.5 -0.1
SLIT	comp=Z,2µm,1.2s		IAMB	IAMB	17 21 57.1
SLIT			ePP	PP	17 24 35.0 -1.1
SLIT			eS	SKIKP	17 31 16.5 -3.1
SLIT			eSS	SS	17 36 04.5 -1.9
IIGN	Ignalina	74.00 329	eP	IAMB	17 21 52.6 +0.7
IIGN	comp=Z,1µm,1.1s		IAMB	IAMB	17 22 01.0
IIGN			ePP	PP	17 24 37.3 +0.8
IIGN			eS	S	17 31 25.9 +2.3
CWC	Cottonwood Cre	74.03 56	P	P	17 21 54.1 +1.6
CWC	baz=305		P	P	17 21 54.2 +1.6
YPP	Pitchstone Pla	74.03 46	P	IAMB	17 22 05.2
YPP	comp=Z,1µm,1.1s		IAMB	IAMB	17 22 05.2
MDH	Madha	74.04 290	I/P	P	17 21 52.0 -0.6
MDH	SNR=215		P	P	17 21 51.7 -0.8
MDH	Madha	74.04 290	P	P	17 21 51.7 -0.8
MDH	SNR=90		P	P	17 21 51.7 -0.8
SBC	Santa Barbara	74.05 59	P	P	17 21 54.7 +2.2
SBC	baz=307,SNR=1000		P	P	17 21 53.0 +0.3
YNE	Yellowstone No	74.05 45	P	IAMB	17 22 03.9
YNE	comp=Z,3µm,1.3s		IAMB	IAMB	17 22 03.9
NACGM	Naroch	74.07 328	eP	P	17 21 51.0 -1.3
NACGM			eP	P	17 21 52.0 -0.3
NACGM			ePP	PP	17 22 08.0 +0.6
NACGM			ePP	PP	17 24 34.0 -3.0
NACGM			ePPP	PPP	17 26 20.0
NACGM			eS	S	17 31 22.0 -2.3
NACGM			eSS	SS	17 32 04.0 +6.4
NACGM			eSSS	SSS	17 36 02.0 -6.2
NACGM			eLQ	LQ	17 39 36.0
NACGM			eLR	LR	17 52 06.0
H17A	Grant Village	74.09 46	P	P	17 21 56.2 +3.3
H17A	baz=307,SNR=1000		P	P	17 21 54.8 +1.9
H17A	Grant Village	74.09 46	P	IAMB	17 22 06.0
LKWY	Lake	74.09 46	P	P	17 21 54.6 +1.7
LKWY	comp=Z,4µm,1.1s		P	Pmax	17 21 54.6 +1.7
LKWY	Lake	74.09 46	P	IAMB	17 21 54.6 +1.7
LKWY	comp=Z,2µm,1.0s		IAMB	IAMB	17 22 05.3
MSFE	Esma-Masafi	74.11 290	I/P	P	17 21 53.1 +0.1
MSFE	SNR=132		IAMB	IAMB	17 22 21.8
YMP	Mirror Lake Pl	74.12 46	P	IAMB	17 21 54.1 +1.2
YMP	comp=Z,3µm,1.5s		IAMB	IAMB	17 22 21.8
TASB	TASBURUN-IGDIR	74.17 308	eP	P	17 21 54.7 +1.5
IMW	Indian Meadow	74.17 47	P	IAMB	17 21 55.0 +1.5
IMW	comp=Z,4µm,1.4s		IAMS_20	IAMS_20	17 54 21.7
GRAC	Grapevine Rang	74.18 56	P	P	17 21 55.4 +2.0
GRAC	baz=305,SNR=145		P	P	17 21 54.4 +0.9
ISA	Isabella, Lake	74.20 57	P	P	17 21 54.4 +0.9
ISA	baz=305,SNR=105		P	P	17 21 53.5 0.0
ISA	Isabella, Lake	74.20 57	P	Pmax	17 21 53.5 0.0
ISA	comp=Z,1µm,1.3s		MLR	MLR	
ISA	comp=Z,105µm,22.0s		P	P	17 21 53.5 0.0
ISA	Isabella, Lake	74.20 57	P	IAMB	17 22 04.1
ISA	comp=Z,1µm,1.3s		IAMS_20	IAMS_20	17 46 47.5
FLWY	Flagg Ranch	74.20 46	P	P	17 21 54.3 +0.8
FLWY	comp=Z,105µm,22.0s		IAMB	IAMB	17 22 06.0
FLWY	Flagg Ranch	74.20 46	P	IAMB	17 22 06.0
HOQ	Hoqaj	74.22 288	P	P	17 21 54.0 +0.3
HOQ	SNR=531		P	P	17 21 54.0 +0.3
EPOS	Posof	74.22 310	I/P	P	17 21 55.4 +1.7
ARVC	Arvin	74.26 58	P	P	17 21 55.3 +1.6
ARVC	baz=305,SNR=26		P	P	17 21 55.3 +1.6
FXWY	Fox Creek	74.28 47	P	IAMB	17 21 55.2 +1.2
FXWY	comp=Z,3µm,1.3s		IAMB	IAMB	17 22 06.0
FXWY	comp=Z,3µm,1.3s		IAMS_20	IAMS_20	17 56 24.4
JMDO	Jabal Madar	74.29 286	P	P	17 21 53.9 -0.2
JMDO	SNR=177		P	P	17 21 53.9 -0.2
NWAO	Narogin (SRO)	74.29 204	P	P	17 21 54.5 +0.9
NWAO	comp=Z,2.76nm,0.9s, baz=34,slow=6.7,SNR=33		IAMB	IAMB	17 21 52.6 -1.1
NWAO	Narogin (SRO)	74.29 204	P	IAMB	17 22 06.1
UOSS	Minazif	74.30 289	I/P	P	17 21 54.0 -0.2
UOSS	SNR=253		P	P	17 21 53.6 -0.5
UOSS	Minazif	74.30 289	P	P	17 21 53.6 -0.5
UOSS	SNR=163		P	P	17 21 53.6 -0.5
UOSS	Minazif	74.30 289	P	IAMB	17 21 53.2 -1.0
UOSS	SNR=163		IAMB	IAMB	17 22 03.3
UOSS	Minazif	74.30 289	IAMS_20	IAMS_20	17 57 37.5
HVU	Hansel Valley	74.33 49	P	P	17 21 55.3 +1.1
HVU	comp=Z,118µm,22.0s		Pmax	Pmax	
HVU	Hansel Valley	74.33 49	P	IAMB	17 21 55.3 +1.1
HVU	comp=Z,1µm,1.1s		IAMB	IAMB	17 22 05.2
TOO	Toolangi	74.35 179	P	Pmax	17 21 54.1 +0.2
TOO	comp=Z,1µm,1.1s		Pmax	Pmax	
TOO	comp=Z,458nm,1.2s		MLR	MLR	
TOO	comp=Z,66µm,20.0s		P	P	17 21 54.1 +0.2
TOO	comp=Z,458nm,1.1s		IAMB	IAMB	17 22 05.8
TOO	comp=Z,66µm,20.0s		IAMS_20	IAMS_20	17 57 16.3
SCZZ	Santa Cruz Isl	74.35 59	P	P	17 21 55.9 +1.6

25d 17h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like NC204, NB201, HFS, DGMT, etc.

2013 OCT

Table with columns for station ID, name, frequency, and other technical details. Includes stations like SHOC, TCUT, BFSC, PSUT, etc.

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like KONO, KONGSBERG, BINGOL, etc.

ESK	comp-Z,1µm,1.2s	Iamb	Iamb	17 22 55.5	
ESK	Eskdalemuir	83.91 342	IAMS_20	IAMS_20	18 05 28.1
MORH	Mrgy, Hungary	83.93 326	I/P	P	17 22 46.2 -0.2
MORH	Mrgy, Hungary	83.93 326	ePKPKP	P	17 22 46.1 -0.4
MORH			ePP	PP	17 26 00.1 +0.8
MORH			eS	SS	17 33 09.1 -0.6
MORH			eSS	SS	17 38 34.1 -2.2
RPZ	Rata Peaks	83.95 161	Iamb	Iamb	17 22 46.6 +0.4
RPZ			Iamb	Iamb	17 22 58.6
RPZ	comp-Z,184nm,0.9s		IAMS_20	IAMS_20	17 58 51.1
WTSS	Winterswijk	83.96 335	eP	P	17 22 46.6 +0.1
GEC2	GERESS Array B	83.99 330	P	P	17 22 45.9 +0.9
GEC2			Iamb	Iamb	17 22 54.5
GEC2	comp-Z,595nm,1.1s		IAMS_20	IAMS_20	18 03 13.8
GERES	GERESS Array B	83.99 330	P	P	17 22 46.9 +0.1
GERES	comp-Z,75nm,0.8s,baz=36,slow=4.9,SNR=78		PP	PP	17 26 01.4 +1.6
GERES	comp-Z,2.6nm,0.9s,baz=32,slow=5.8,SNR=2.5		PKPKPbc	PKPKPbc	17 41 01.8 +0.8
GERES	comp-Z,5.2nm,0.8s,baz=22,slow=1.8,SNR=12		PKPKPKP	P/P'df	17 49 07.3 -5.9
GERES	comp-Z,1.2nm,0.8s,baz=169,slow=0.7,SNR=4.7		LR	LR	18 03 24.9
GERES	comp-Z,317µm,20.7s,baz=36,slow=38				
GERES	GERESS Array B	83.99 330	P	P	17 22 45.9 +0.9
GERES	GERESS Array B	83.99 330	P	P	17 22 45.9 +0.9
GERES			P/P'df	P/P'df	17 22 45.9 +0.9
KDZ	Kurdzhali	83.99 319	eP	P	17 22 47.5 +0.6
PGB	Panagyurishte	83.99 320	eP	P	17 22 47.5 +0.7
COWI	Conover	84.02 34	P	P	17 22 46.2 -0.7
COWI			Iamb	Iamb	17 22 55.9
COWI	comp-Z,718nm,1.1s		IAMS_20	IAMS_20	18 00 25.2
EDMD	Edmundbyers	84.03 341	eP	P	17 22 44.8 -2.0
EDMD			IAMS_20	IAMS_20	18 04 15.9
PLD	Plovdiv	84.04 320	eP	P	17 22 47.5 +0.4
BCK	Buack	84.04 313	eP	P	17 22 46.8 +0.5
MMAI	Mout Meron Ar	84.05 307	P	P	17 22 48.4 +1.0
MMAI	comp-Z,2.75nm,0.7s,baz=34,slow=5.1,SNR=163		PKPKPbc	PKPKPbc	17 41 03.4 +3.0
MMAI	comp-Z,2.0nm,0.5s,baz=35,slow=1.8,SNR=5		PKPKPbc	PKPKPbc	17 41 03.4 +3.0
CSS	Mathiatis	84.07 310	P	P	17 22 46.9 -0.5
CSS	Mathiatis	84.07 310	P	P	17 22 46.4 -1.0
CSS			Iamb	Iamb	17 22 55.3
CSS	comp-Z,2µm,1.2s		IAMS_20	IAMS_20	18 04 32.1
BALB	Balikesir	84.08 316	eP	P	17 22 46.7 -0.6
BALB	Balikesir	84.08 316	P	P	17 22 46.6 -0.7
BALB			Iamb	Iamb	17 22 56.5
BALB	comp-Z,8µm,1.2s		IAMS_20	IAMS_20	18 05 22.0
ERIK	Erikli-Kesan	84.10 318	eP	P	17 22 48.1 +0.7
GDLE	Glaisdale, N Y	84.10 341	eP	P	17 22 45.6 -1.5
GDLE			IAMS_20	IAMS_20	18 03 21.9
G40A	Rib Lake	84.16 36	P	P	17 22 47.8 +0.2
G40A	comp-Z,217µm,20.9s				
G40A	baz=319,SNR=74				
G40A	Rib Lake	84.16 36	P	P	17 22 47.4 -0.3
G40A			Iamb	Iamb	17 22 56.8
LPK	Lapseki	84.18 317	eP	P	17 22 48.1 +0.3
ALN	Alexandroupoli	84.19 318	P	P	17 22 47.5 -0.4
ALN	Alexandroupoli	84.19 318	P	P	17 22 47.3 -0.6
ALN			pmax	pmax	
ALN	comp-Z,711nm,1.4s		MLR	MLR	
ALN	comp-Z,128µm,20.0s				
ALN	Alexandroupoli	84.19 318	P	P	17 22 47.5 -0.4
ALN	Alexandroupoli	84.19 318	P	P	17 22 47.3 -0.6
ALN	Alexandroupoli	84.19 318	Iamb	Iamb	17 22 56.9
ALN	comp-Z,711nm,1.4s		IAMS_20	IAMS_20	18 03 38.7
FRGS	Fruska Gora	84.20 324	I/P	P	17 22 48.1 +0.2
LEF	Lefka	84.24 310	I/P	P	17 22 48.6 +0.4
LEF			mb	mb	17 22 55.7
LEF	Lefka	84.24 310	eP	P	17 22 48.2 0.0
CR LZ	Canterbury Las	84.24 160	P	P	17 22 49.0 +1.3
CR LZ			Iamb	Iamb	17 22 58.1
CR LZ	comp-Z,1µm,1.7s		IAMS_20	IAMS_20	17 53 32.6
GRA1	Grafenberg Arr	84.27 332	P	P	17 22 48.2 0.0
GRA1			Iamb	Iamb	17 22 58.6
GRA1	comp-Z,4µm,1.6s		IAMS_20	IAMS_20	18 03 42.3
GRF	Grafenberg Arr	84.27 332	P	P	17 22 48.2 0.0
GRF			pmax	pmax	
GRF	comp-Z,4µm,1.6s		MLR	MLR	
RDO	Rodhopi	84.29 319	P	P	17 22 48.4 +0.1
RDO	Rodhopi	84.29 319	P	P	17 22 48.4 +0.1
GELI	Tayfur-Gelibol	84.32 317	eP	P	17 22 49.8 +0.4
RZN	Rozen	84.33 319	eP	P	17 22 49.5 +0.7
LBZ	Lake Benmore	84.36 162	Iamb	Iamb	17 22 49.3 +1.0
LBZ			Iamb	Iamb	17 22 53.0
LBZ	comp-Z,659nm,1.2s		IAMS_20	IAMS_20	17 55 12.8
MOZ	McQueen's Vall	84.37 160	P	P	17 22 48.6 +0.3
MOZ			Iamb	Iamb	17 23 02.3
MOZ	comp-Z,783nm,1.5s		IAMS_20	IAMS_20	17 53 34.7
VTS	Vitosha	84.42 321	P	P	17 22 49.3 +0.1
VTS	Vitosha	84.42 321	eP	P	17 22 49.9 +0.7
VTS	Vitosha	84.42 321	P	P	17 22 48.9 -0.3
VTS			pmax	pmax	
VTS	comp-Z,1µm,1.0s		MLR	MLR	
VTS	comp-Z,2.06µm,22.0s				
VTS	Vitosha	84.42 321	P	P	17 22 49.3 +0.1
VTS	Vitosha	84.42 321	P	P	17 22 48.9 -0.3
VTS			Iamb	Iamb	17 22 57.7
VTS	comp-Z,1µm,1.0s		IAMS_20	IAMS_20	18 02 30.5
VTS	comp-Z,2.06µm,22.0s				
VTS	Vitosha	84.42 321	I/P	P	17 22 49.8 +0.6
VTS			mb	mb	17 22 57.6
KULA	Kula-Manisa	84.42 315	P	P	17 22 48.8 -0.4
KULA	Kula-Manisa	84.42 315	eP	P	17 22 49.1 -0.1
KULA	Kula-Manisa	84.42 315	P	P	17 22 48.8 -0.4
SCHO	Schefferville	84.46 18	P	P	17 22 49.2 +0.2
SCHO	comp-Z,1.95nm,1.1s,baz=39,slow=5.5,SNR=32		PKPKPbc	PKPKPbc	17 40 59.9 -0.1
SCHO	comp-Z,1.2nm,0.6s,baz=205,slow=2.5,SNR=5.3		LR	LR	18 03 03.0
SCHO	comp-Z,91µm,20.1s,baz=344,slow=38				
SCHO	Schefferville	84.46 18	P	P	17 22 48.9 -0.1
SCHO			Iamb	Iamb	17 22 58.1
SCHO	comp-Z,899nm,1.2s		IAMS_20	IAMS_20	18 02 52.1
EPT	Ei Paso	84.47 54	IAMS_20	IAMS_20	17 57 53.1
KORT	Korkueli	84.49 313	eP	P	17 22 48.6 -1.1
WKZ	Wanaka	84.50 163	P	P	17 22 50.7 +1.6
WKZ			Iamb	Iamb	17 23 10.9
WKZ	comp-Z,384nm,1.3s		IAMS_20	IAMS_20	18 03 27.4
ARSA	Arzberg	84.50 328	I/PcP	P	17 22 49.8 +0.4
ARSA	comp-Z,514nm,1.3s,SNR=59		PP	PP	17 26 04.4 +0.5
ARSA	comp-Z,84nm,1.0s		ePKPKPbc	PKPKPbc	17 41 02.7 +3.0
ARSA	comp-Z,16nm,1.1s		P/P'df	P/P'df	17 49 02.1 -1.0
ARSA	Manisa	84.50 315	P	P	17 22 49.1 -0.7
MANT			Iamb	Iamb	17 22 58.1
MANT	comp-Z,6µm,1.1s		IAMS_20	IAMS_20	18 03 41.1

KESW	comp-Z,391µm,22.0s				
MOA	Keswick, Cumbr	84.54 342	eP	P	17 22 49.4 0.0
MOA	Molin	84.55 329	I/PcP	P	17 22 49.8 +0.2
MOA	comp-Z,826nm,1.7s,SNR=44		PP	PP	17 26 04.9 +0.6
MOA	comp-Z,189nm,1.6s		PKPKPbc	PKPKPbc	17 41 03.6 +4.0
BEHE	Becehely	84.57 327	I/P	P	17 22 49.6 -0.1
BEHE	Becehely	84.57 327	ePKPKP	PP	17 22 50.0 +0.3
BEHE			ePP	PP	17 25 57.0 -7.4
BEHE			eSS	SS	17 33 16.1 0.0
BEHE			eSS	SS	17 38 49.0 +3.4
GALLI	Galloway	84.68 343	eP	P	17 22 46.2 -3.9
Haverah Park		84.73 341	eP	P	17 22 49.0 -1.4
HPK			IAMS_20	IAMS_20	18 04 56.5
HPK			IAMS_20	IAMS_20	17 22 50.9 +0.4
F42A	Maple Grove Fa	84.73 34	P	P	17 22 50.9 +0.4
F42A	Maple Grove Fa	84.73 34	P	P	17 22 50.9 +0.4
F42A	Maple Grove Fa	84.73 34	Iamb	Iamb	17 22 50.0 -0.6
F42A	Maple Grove Fa	84.73 34	Iamb	Iamb	17 22 59.8
E43A	Lone Tree Farm	84.76 33	P	P	17 22 50.8 +0.1
E43A	Lone Tree Farm	84.76 33	P	P	17 22 49.6 -1.1
E43A	Lone Tree Farm	84.76 33	Iamb	Iamb	17 22 59.7
SMTH	Samothraki Isl	84.77 318	P	P	17 22 50.3 -0.5
SMTH	Samothraki Isl	84.77 318	P	P	17 22 50.3 -0.5
GADA	Gvggeada	84.77 318	eP	P	17 22 51.0 -0.1
GADA	Gvggeada	84.77 318	eP	P	17 22 51.0 -0.1
MLZ	Mavora Lakes	84.80 164	P	P	17 22 50.0 -0.6
MLZ			Iamb	Iamb	17 23 00.9
MLZ	comp-Z,600nm,1.5s		IAMS_20	IAMS_20	18 00 41.4
CLGH	Cloghs, Cushen	84.80 344	eP	P	17 22 47.1 -3.6
CLGH			IAMS_20	IAMS_20	18 06 32.4
EZN	Ezine	84.80 317	P	P	17 22 50.6 -0.4
EZN	Ezine	84.80 317	P	P	17 22 50.6 -0.4
EZN	Ezine	84.80 317	eP	P	17 22 51.2 +0.2
EZN	Ezine	84.80 317	P	P	17 22 50.6 -0.4
EZN	Ezine	84.80 317	P	P	17 22 51.4 +0.5
KOGS	Kog	84.81 327	I/P	P	17 22 50.3 -0.6
KOGS			eSKSac	S	17 33 18.0 -0.4
LMK	Market Rasen	84.83 340	eP	P	17 22 49.1 -1.7
LMK			IAMS_20	IAMS_20	18 00 29.8
DIVS	Divibare	84.91 324	I/P	P	17 22 51.5 -0.1
MMB	Musomiste	84.91 320	eP	P	17 22 52.2 +0.6
ELL	Elmali	84.92 313	P	P	17 22 51.2 -0.6
ELL			pmax	pmax	
ELL	comp-Z,7µm,1.1s		MLR	MLR	
ELL			Iamb	Iamb	17 22 51.1 -0.6
ELL			Iamb	Iamb	17 23 07.8
ELL	comp-Z,7µm,1.1s		IAMS_20	IAMS_20	18 07 41.9
ELL	comp-Z,250µm,19.0s				
KAVA	Kavala	84.93 319	P	P	17 22 51.5 -0.1
KAVA	Kavala	84.93 319	P	P	17 22 51.5 -0.1
BOZC	Bozcaada	84.94 317	eP	P	17 22 51.8 +0.1
KALN	Kalnik	84.97 327	I/P	P	17 22 50.8 -1.0
DKL	Dikili	85.02 316	eP	P	17 22 52.1 0.0
NVR	Neurokopi	85.02 320	P	P	17 22 52.0 -0.1
NVR	Neurokopi	85.02 320	P	P	17 22 52.0 -0.1
E44A	Grand Marais A	85.03 32	P	P	17 22 52.6 +0.6
E44A	Grand Marais A	85.03 32	P	P	17 22 52.6 +0.6
E44A	Grand Marais A	85.03 32	P	P	17 22 52.0 -0.1
E44A			Iamb	Iamb	17 23 01.5
E44A	comp-Z,2µm,1.1s		IAMS_20	IAMS_20	17 58 48.1
KKB	Krupnik	85.04 320	eP	P	17 22 53.1 +0.9
ODZ	Otahua Downs	85.09 162	P	P	17 22 52.3 +0.3
ODZ			Iamb	Iamb	17 22 57.5
ODZ	comp-Z,646nm,1.4s		IAMS_20	IAMS_20	17 55 34.2
ODZ	comp-Z,91µm,19.0s				
THAS	Thassos Island	85.11 319	P	P	17 22 52.3 -0.2
IDGL	Inch Island, C	85.12 344	eP	P	17 22 50.5 -1.7
IDGL			IAMS_20	IAMS_20	18 06 42.9
PERS	Pernice	85.15 328	I/P	P	17 22 52.4 -0.3
PERS			eSKSac	S	17 33 20.8 -1.2
SOKA	Soboth	85.16 328	I/PcP	P	17 22 52.6 -0.2
SOKA	comp-Z,1µm,1.2s,SNR=128		PP	PP	17 26 09.5 +0.2
SOKA	comp-Z,126nm,1.1s		ePKPKPbc	PKPKPbc	17 40 59.5 +1.3
SOKA	comp-Z,19nm,1.7s		eP/P'df	P/P'df	17 49 01.2 -1.0
SCIA	State Center	85.19 39	P	P	17 22 54.0 +1.0
SCIA	State Center	85.19 39	P	P	17 22 53.8 -0.2
SCIA	State Center	85.19 39	Iamb	Iamb	17 23 02.4
SCIA	comp-Z,2µm,1.2s		IAMS_20	IAMS_20	18 00 02.7
IOMK	Kirk Michael	85.20 343	eP	P	17 22 49.2 -3.5
WACR	West Ace	85.21 339	eP	P	17 22 52.0 -0.7
WACR			IAMS_20	IAMS_20	18 04 02.4
I41A	Arkdale	85.23 36	P	P	17 22 53.1 +0.1
I41A	Arkdale	85.23 36	P	P	17 22 53.1 +0.1
MOSL					

WATA	Walderalm	86.05 330	i PpP	P	17 22 57.1 -0.2
WATA	Walderalm		pp	PP	17 26 16.7 +0.1
WATA	Walderalm		ePKKpPbc	PKKpPbc	17 40 56.8 +0.6
WATA	Walderalm		eP'P'df	P'P'df	17 49 00.7 -8.7
GRG	Griva	86.06 320	P	P	17 22 56.7 -0.6
PVY	Plav	86.06 323	i P	P	17 22 57.2 -0.2
CADS	Cadrg	86.06 328	eP	P	17 22 55.6 -1.6
L40A	Anamosa	86.06 38	P	P	17 22 57.3 0.0
L40A	Anamosa	86.08 38	P	P	17 22 56.3 -1.0
L40A	Anamosa		IAMB	IAMB	17 23 06.4
L40A	Anamosa		IAMS_20	IAMS_20	17 57 57.0
KOME	Kolasin	86.08 323	i P	P	17 22 57.6 +0.2
WTTA	Wattenberg	86.08 30	i PpP	P	17 22 57.3 -0.1
WTTA	Wattenberg		pp	PP	17 26 19.2 +2.2
WTTA	Wattenberg		eP'P'df	P'P'df	17 48 58.8 -1.1
WTTA	Wattenberg		eP'P'df	P'P'df	17 48 58.8 -1.1
UPM	Unac-Piva	86.10 324	i P	P	17 22 56.9 -0.7
UPM	Unac-Piva	86.10 324	i P	P	17 22 57.0 -0.7
FOEL	Foel Wyifa	86.11 341	eP	P	17 22 52.9 -4.3
VRC	Rhoscolyn	86.12 342	eP	P	17 22 56.0 -1.3
YLL	Llanberis	86.12 342	eP	P	17 22 56.0 -1.3
WLF	Walferdange	86.13 334	P	P	17 22 57.4 0.0
WLF	Walferdange		pmax	pmax	
WLF	Walferdange		MLR	MLR	
WLF	Walferdange	86.13 334	P	P	17 22 57.6 +0.2
WLF	Walferdange	86.13 334	P	P	17 22 57.4 0.0
WLF	Walferdange		IAMB	IAMB	17 23 07.1
WLF	Walferdange		IAMS_20	IAMS_20	18 03 51.7
PAIG	Pailouir	86.14 319	P	P	17 22 57.2 -0.5
ABTA	Abtaltersbach	86.15 329	i PpP	P	17 22 56.5 -1.2
ABTA	Abtaltersbach		ePP	PP	17 26 16.5 -0.9
ABTA	Abtaltersbach		ePKKpPbc	PKKpPbc	17 40 57.8 +2.0
ABTA	Abtaltersbach		eP'P'df	P'P'df	17 48 58.9 -1.0
CEY	Cerknica	86.16 328	i P	P	17 22 56.9 -0.8
BODT	Bajram Curri	86.18 322	i P	P	17 22 57.4 +1.6
BODT	Bodrum	86.20 315	P	P	17 22 57.5 -0.5
BODT	Bodrum	86.20 315	eP	P	17 22 57.9 -0.2
BODT	Bodrum	86.20 315	P	P	17 22 57.6 -0.5
MOTA	Moosalm	86.23 330	i PpP	P	17 22 58.0 -0.2
MOTA	Moosalm		ePP	PP	17 26 19.9 +1.8
MOTA	Moosalm		ePKKpPbc	PKKpPbc	17 40 57.9 +2.1
MOTA	Moosalm		eP'P'df	P'P'df	17 48 59.8 -9.3
MOTA	Moosalm		i PpP	P	17 22 58.4 +0.3
RETA	Reutte	86.25 331	i PpP	PP	17 26 20.1 +1.9
RETA	Reutte		ePP	PP	17 26 20.1 +1.9
RETA	Reutte		ePKKpPbc	PKKpPbc	17 40 57.1 +1.4
E47A	Iron Bridge	86.27 31	P	P	17 22 58.1 -0.1
DAT	Datca	86.28 314	eP	P	17 22 57.8 -0.8
DOU	Dourbes	86.28 336	i P	P	17 22 58.3 +0.2
DOU	Dourbes		x	x	17 23 19.7
SQTA	Sankt Quirin	86.29 330	i PpP	P	17 22 58.2 -0.3
SQTA	Sankt Quirin		ePP	PP	17 26 20.5 +1.9
SQTA	Sankt Quirin		ePKKpPbc	PKKpPbc	17 40 57.8 +2.2
SQTA	Sankt Quirin		P'P'df	P'P'df	17 48 57.9 -1.1
TBI	Tubuai	86.31 123	eP	P	17 23 00.9 +2.3
TBI	Tubuai	86.31 123	eS	S	17 33 32.3 -1.3
TBI	Tubuai	86.31 123	eLQ	LQ	17 46 03.8
TBI	Tubuai	86.31 123	eLR	LR	17 50 07.9
TBI	Tubuai	86.31 123	eT	T	18 57 38.3
ARG	Arhangelos	86.33 314	P	P	17 22 58.2 -0.4
ARG	Arhangelos	86.33 314	P	P	17 22 58.2 -0.4
ARG	Arhangelos	86.33 314	P	P	17 22 58.2 -0.4
HLMI	Long Mynd	86.36 341	eP	P	17 22 56.9 -1.6
NKY	Niksic	86.36 323	i P	P	17 22 58.2 -0.6
G45A	Suttons Bay	86.39 33	P	P	17 22 59.0 +0.2
G45A	Suttons Bay	86.39 33	P	P	17 22 58.3 -0.4
G45A	Suttons Bay		IAMB	IAMB	17 23 08.2
G45A	Suttons Bay		IAMS_20	IAMS_20	18 01 11.8
NKME	Niksic	86.41 323	i P	P	17 22 58.1 -0.9
ELSH	Elham, Standar	86.46 338	eP	P	17 22 58.9 +0.1
ELSH	Elham, Standar		IAMS_20	IAMS_20	18 03 19.0
RIY	Rijeka	86.46 327	P	P	17 22 58.0 -1.1
RIY	Rijeka	86.46 327	i P	P	17 22 58.4 -0.7
STAL	STALIGIJA	86.46 329	P	P	17 22 57.0 -2.1
STAL	STALIGIJA		IAMB	IAMB	17 23 09.1
TRI	Trieste	86.46 328	P	P	17 22 57.0 -2.1
TRI	Trieste		pmax	pmax	
TRI	Trieste		MLR	MLR	
TRI	Trieste	86.46 328	P	P	17 22 57.0 -2.1
TRI	Trieste		IAMB	IAMB	17 23 07.5
TRI	Trieste		IAMS_20	IAMS_20	18 04 49.3
BFO	Black Forest	86.47 333	P	P	17 22 58.6 -0.6
BFO	Black Forest		pmax	pmax	
BFO	Black Forest		MLR	MLR	
BFO	Black Forest	86.47 333	P	P	17 22 58.6 -0.6
BFO	Black Forest		IAMB	IAMB	17 23 08.2
BFO	Black Forest		IAMS_20	IAMS_20	18 03 14.5
PHP	Peshkopia	86.50 322	P	P	17 22 58.8 -0.7
PHP	Peshkopia	86.50 322	i P	P	17 22 55.5 -4.0
PUK	Puka	86.50 322	i P	P	17 22 56.2 -3.3
BRY	Bratogost	86.51 324	i P	P	17 22 58.6 -1.0
BRY	Bratogost	86.51 324	i P	P	17 22 58.7 -0.9
G46A	Protoskey	86.51 33	P	P	17 22 59.6 +0.2
PDG	Podgorica	86.52 323	i P	P	17 22 58.9 -0.5
PDG	Podgorica	86.52 323	i P	P	17 22 59.0 -0.5
PDG	Podgorica		mb	mb	17 23 07.5
PDG	Podgorica	86.52 323	P	P	17 22 58.2 -1.3
PDG	Podgorica		IAMB	IAMB	17 23 07.9
PDG	Podgorica		IAMS_20	IAMS_20	18 05 03.1
TTG	Podgorica	86.52 323	i P	P	17 22 58.6 -0.9
LSQJ	Lebel-sur-Quev	86.52 26	P	P	17 22 59.4 0.0
UDBI	Udbina	86.53 326	i P	P	17 22 57.9 -1.6
EIL	Eilat	86.53 305	P	P	17 22 59.5 -0.8
EIL	Eilat		pp	PP	17 26 21.5 +0.3
EIL	Eilat		ePKKpPbc	PKKpPbc	17 40 56.4 +2.0
H45A	Beulah	86.55 34	P	P	17 22 59.9 +0.4
DSB	Dublin	86.56 343	P	P	17 22 59.2 -0.3
DSB	Dublin		IAMB	IAMB	17 23 07.8
DSB	Dublin		IAMS_20	IAMS_20	18 07 20.5

SSW	Stow on the Woe	86.58 340	eP	P	17 23 00.9 +1.3
AOS	Alonnissos	86.59 318	P	P	17 22 59.2 -0.7
AOS	Alonnissos	86.59 318	P	P	17 22 59.2 -0.7
CEME	Cevo	86.60 323	i P	P	17 22 59.2 -0.8
LIT	Litokhoron	86.64 319	P	P	17 22 59.2 -1.0
LIT	Litokhoron	86.64 319	P	P	17 22 58.5 -1.6
LIT	Litokhoron		pmax	pmax	
LIT	Litokhoron		MLR	MLR	
LIT	Litokhoron	86.64 319	P	P	17 22 58.5 -1.6
LIT	Litokhoron		IAMB	IAMB	17 23 07.0
LIT	Litokhoron		IAMS_20	IAMS_20	18 05 28.5
FETA	Feichten	86.64 330	i PpP	P	17 23 00.1 -0.1
FETA	Feichten		ePP	PP	17 26 23.5 +2.1
FETA	Feichten		ePKKpPbc	PKKpPbc	17 40 56.8 +2.0
FETA	Feichten		eP'P'df	P'P'df	17 48 58.7 -1.0
KLIV	Kljvco	86.65 325	i P	P	17 22 59.4 -0.7
CHGO	Chibougamau	86.66 24	P	P	17 22 59.8 -0.4
E48A	Lockeyer	86.70 30	P	P	17 22 59.9 -0.4
FNA	Florina	86.71 321	P	P	17 22 59.4 -1.1
FNA	Florina	86.71 321	P	P	17 22 59.1 -1.4
FNA	Florina		MLR	MLR	
FNA	Florina	86.71 321	P	P	17 22 59.4 -1.1
FNA	Florina	86.71 321	P	P	17 22 59.1 -1.4
FNA	Florina		IAMS_20	IAMS_20	18 06 24.1
TREB	Trebinje	86.74 324	eP	P	17 23 00.8 +0.2
DRME	Dracevica, Mon	86.74 323	i P	P	17 23 00.4 -0.2
DRME	Dracevica, Mon	86.74 323	i P	P	17 23 00.1 -0.5
DVA	Darmut	86.75 31	i PpP	P	17 23 00.4 -0.3
DVA	Darmut		ePP	PP	17 26 24.4 +2.1
DVA	Darmut		ePKKpPbc	PKKpPbc	17 40 56.8 +2.2
OHR	Ohrid	86.75 321	i P	P	17 23 00.3 -0.4
BUM	Brajici-Budva	86.80 323	i P	P	17 23 00.2 -0.7
SKIA	Skiahos	86.81 318	P	P	17 22 59.7 -1.3
XOR	Xorich	86.81 319	P	P	17 22 59.9 -1.1
XOR	Xorich	86.81 319	P	P	17 22 59.9 -1.1
STRD	Stroud	86.84 340	eP	P	17 22 59.9 -0.9
NEO	Neokohri	86.84 319	P	P	17 23 00.1 -1.1
NEO	Neokohri	86.84 319	P	P	17 23 00.1 -1.1
KZN	Kozani	86.86 320	P	P	17 23 00.3 -1.0
KZN	Kozani	86.86 320	P	P	17 23 00.3 -1.0
KZN	Kozani	86.86 320	P	P	17 23 00.3 -1.0
MCH1	Michaelchurch	86.86 341	eP	P	17 22 57.4 -3.5
MCH1	Michaelchurch		IAMS_20	IAMS_20	18 06 20.8
DBR	Dubrovnik	86.87 324	i P	P	17 22 59.4 -1.8
HCY	Herceg Novi	86.88 323	i P	P	17 23 00.3 -0.9
HCY	Herceg Novi	86.88 323	i P	P	17 23 00.3 -0.9
ULCJ	Ulcinj	86.88 323	i P	P	17 23 00.7 -0.6
NVLJ	Novajia	86.89 327	i P	P	17 22 59.8 -1.4
I45A	Fountain	86.92 34	P	P	17 23 02.1 +0.7
I45A	Fountain	86.92 34	P	P	17 23 00.5 -0.9
I45A	Fountain		IAMB	IAMB	17 23 11.1
I45A	Fountain		IAMS_20	IAMS_20	18 06 36.4
STON	Ston	86.93 324	i P	P	17 22 59.9 -1.6
STON	Ston	86.93 324	i P	P	17 23 00.3 -1.0
HMXN	Herstmonceux	86.94 338	eP	P	17 23 01.2 -0.1
HMXN	Herstmonceux		IAMS_20	IAMS_20	18 03 45.3
MONM	Monmouth	86.95 341	eP	P	17 22 60.0 -1.4
SWN1	Swindon	86.97 340	eP	P	17 22 59.4 -2.2
SWN1	Swindon		IAMS_20	IAMS_20	18 05 20.3
H46A	File Lake	86.98 33	P	P	17 23 02.3 +0.6
K43A	Burlington	86.99 36	P	P	17 23 01.8 +0.1
K43A	Burlington	86.99 36	P	P	17 23 00.6 -1.2
K43A	Burlington		IAMB	IAMB	17 23 11.3
WOL	Wolverton	86.99 339	eP	P	17 23 00.9 -0.7
ECH	Echery	87.00 333	P	P	17 23 00.8 -0.9
ECH	Echery		pmax	pmax	
ECH	Echery	87.00 333	P	P	17 23 00.8 -0.9
ECH	Echery		IAMB	IAMB	17 23 09.8
ECH	Echery		IAMS_20	IAMS_20	18 04 50.3
GLMI	Grayling	87.01 33	P	P	17 23 02.5 +0.7
GLMI	Grayling	87.01 33	P	P	17 23 01.1 -0.7
GLMI	Grayling		IAMB	IAMB	17 23 12.2
GLMI	Grayling		IAMS_20	IAMS_20	18 00 41.1
TIR	Tirane	87.04 322	P	P	17 23 01.9 -0.2
TIR	Tirane	87.04 322	P	P	17 23 00.7 -1.4
TIR	Tirane		pmax	pmax	
TIR	Tirane		MLR	MLR	
TIR	Tirane	87.04 322	i P	P	17 23 03.3 +1.3
TIR	Tirane	87.04 322	i P	P	17 23 01.7 -0.4
TIR	Tirane		mb	mb	17 23 09.4
TIR	Tirane	87.04 322	P	P	17 23 00.7 -1.4
TIR	Tirane		IAMB	IAMB	17 23 09.4
TIR	Tirane		IAMS_20	IAMS_20	18 04 44.1
OLDB	Oldbury-Upon-S	87.05 340	eP	P	17 23 00.2 -1.6
OLDB	Oldbury-Upon-S		IAMS_20	IAMS_20	18 04 49.8
F48A	Evansville	87.05 31	P	P	17 23 01.9 -0.1
D50A	G1948 Merrick	87.06 29	P	P	17 23 01.3 -0.7
G47A	Hillman	87.06 32	P	P	17 23 02.3 +0.2
CTI	Castel Tesino	87.07 329	P	P	17 23 00.2 -2.1
CTI	Castel Tesino		pmax	pmax	
CTI	Castel Tesino		MLR	MLR	
CTI	Castel Tesino	87.07 329	P	P	17 23 00.1 -2.1
CTI	Castel Tesino		IAMB	IAMB	17 23 10.6
CTI	Castel Tesino		IAMS_20	IAMS_20	18 05 15.3
MORI	Morika	87.07 326	i P	P	17 23 00.9 -1.3
MRKA	Markates	87.08 318	P	P	17 23 01.1 -1.2
EREA	Eretria	87.11 318	P	P	17 23 01

25d 17h

Table with columns for station call letters, frequency, and signal strength. Includes stations like HDIL, IGT, HPIG, J47A, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like NRCA, VLS, CCM, E55A, etc.

1298

Table with columns for station call letters, frequency, and signal strength. Includes stations like GVDS, D58A, GVD, M48A, etc.

1299

WHAR	comp=Z,2um,1.2s	IAMB	IAMB	17 23 28.6
WHAR	comp=Z,43um,20.0s	IAMS_20	IAMS_20	18 04 45.6
H56A	comp=Z,328,SNR=108	P	P	17 23 18.6 -0.1
BLO	Bloomington	90.59	37	P
BLO	comp=Z,1um,1.4s	IAMB	IAMB	17 23 29.1
BLO	comp=Z,59um,20.0s	IAMS_20	IAMS_20	18 04 57.3
LCAR	Lake Charles	90.60	42	P
LCAR	comp=Z,1um,1.5s	IAMB	IAMB	17 23 17.6 -1.3
LCAR	comp=Z,61um,21.0s	IAMS_20	IAMS_20	18 03 13.9
STCO	Saint Catharin	90.61	30	P
G57A	Newington	90.61	27	P
W41B	Gary Mavity, V	90.67	43	P
W41B	Gary Mavity, V	90.67	43	P
W41B	comp=Z,611nm,1.1s	IAMS_20	IAMS_20	18 01 11.0
E60A	comp=Z,52um,22.0s	P	P	17 23 19.2 -0.1
F59A	Saint Guillaume	90.73	25	P
435B	Jarell	90.75	50	P
435B	Jarell	90.75	50	P
435B	comp=Z,561nm,1.2s	IAMS_20	IAMS_20	18 06 23.9
J54A	Appleton	90.77	30	P
J54A	Appleton	90.77	30	P
J54A	comp=Z,1um,1.1s	IAMS_20	IAMS_20	18 03 42.9
O49A	Covington	90.83	35	P
O49A	Covington	90.83	35	P
O49A	comp=Z,765nm,1.1s	IAMS_20	IAMS_20	18 01 36.8
D62A	Allapoint, All	90.85	22	P
D62A	Allapoint, All	90.85	22	P
D62A	comp=Z,559nm,1.2s	IAMS_20	IAMS_20	18 04 52.5
X40A	Basin Creek Fa	90.85	44	P
X40A	Basin Creek Fa	90.85	44	P
X40A	comp=Z,2um,1.8s	IAMS_20	IAMS_20	18 04 59.4
PECO	Prince Edward	90.86	29	P
PECO	Prince Edward	90.86	29	P
PECO	comp=Z,746nm,1.1s	IAMS_20	IAMS_20	18 03 54.2
M51A	Elyria	90.88	33	P
P48A	Milroy	90.89	36	P
P48A	Milroy	90.89	36	P
P48A	comp=Z,70um,20.0s	IAMS_20	IAMS_20	18 01 34.7
PARMO	Parma	90.89	41	P
PARMO	comp=Z,2um,1.2s	IAMS_20	IAMS_20	18 01 57.6
N50A	Nevada	90.90	34	P
G58A	Ormslow	90.90	26	P
F60A	Warwick	90.91	25	P
UALR	University of	90.91	44	P
UALR	comp=Z,509nm,1.1s	IAMS_20	IAMS_20	18 01 20.4
MEDO	Medina	90.93	30	P
MEDO	Medina	90.93	30	P
MEDO	comp=Z,1um,1.3s	IAMS_20	IAMS_20	18 03 49.3
USIN	University of	90.96	39	P
USIN	comp=Z,1um,1.6s	IAMS_20	IAMS_20	18 00 45.4
E61A	Lac Etchemin	90.98	24	P
HENM	Henderson Moun	91.00	41	P
HENM	comp=Z,1um,1.1s	IAMS_20	IAMS_20	18 02 00.4
H57A	Richv	91.01	27	P
M52A	Chesterland	91.07	33	P
M52A	Chesterland	91.07	33	P
M52A	comp=Z,1um,1.2s	IAMS_20	IAMS_20	18 01 57.0
J55A	Hilton	91.10	30	P
J55A	Hilton	91.10	30	P
J55A	comp=Z,1um,1.2s	IAMS_20	IAMS_20	18 08 37.7
PVMO	Portageville	91.11	41	P
E62A	Clayton Lake	91.12	23	P
E62A	Clayton Lake	91.12	23	P
E62A	comp=Z,365nm,1.1s	IAMS_20	IAMS_20	18 09 09.6
PNEMO	Penman	91.12	41	P
N51A	Ashland	91.13	34	P
N51A	Ashland	91.13	34	P
N51A	comp=Z,821nm,1.3s	IAMS_20	IAMS_20	18 02 31.3
Q48A	North Vernon	91.16	37	P
P49A	Miami Univ, Ec	91.17	36	P
D63A	Stockholm	91.17	22	P
LONY	Lake Ozonia	91.17	27	P
LONY	Lake Ozonia	91.17	27	P
LONY	comp=Z,555nm,1.2s	IAMS_20	IAMS_20	18 05 44.4
ERPA	Erie	91.17	32	P
ERPA	Erie	91.17	32	P
ERPA	comp=Z,1um,1.2s	IAMB	IAMB	17 23 31.1

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ERPA	comp=Z,70um,20.0s	IAMS_20	IAMS_20	18 06 20.8
O50A	Cable	91.19	35	P
L53A	Girg	91.20	32	P
F61A	St Evariste	91.22	24	P
PEBM	Pemiscot Bayo	91.25	41	P
HICK	Hickman	91.26	41	P
HICK	comp=Z,2um,1.1s	IAMS_20	IAMS_20	18 02 08.3
HICK	comp=Z,67um,22.0s	IAMS_20	IAMS_20	17 23 21.4 -0.5
G59A	Clarenceville	91.27	26	P
GNAR	Gosnell	91.28	42	P
WLAR	White Oak Lake	91.28	45	P
WLAR	comp=Z,2um,1.1s	IAMS_20	IAMS_20	18 06 04.4
WLAR	comp=Z,66um,21.0s	IAMS_20	IAMS_20	18 06 04.4
K54A	Basilio Farm,	91.30	31	P
833A	Chaparral WMA,	91.34	53	P
833A	Chaparral WMA,	91.34	53	P
833A	comp=Z,710nm,1.3s	IAMS_20	IAMS_20	17 59 50.9
FRNY	Flat Rock	91.34	26	P
FRNY	comp=Z,336nm,1.2s	IAMS_20	IAMS_20	18 03 03.8
FRNY	comp=Z,85um,22.0s	IAMS_20	IAMS_20	17 23 22.9 +0.6
L54A	Sinclairville	91.36	31	P
I57A	Carthage	91.36	28	P
ACSO	Alum Creek Sta	91.41	35	P
ACSO	Alum Creek Sta	91.41	35	P
ACSO	comp=Z,779nm,1.1s	IAMS_20	IAMS_20	18 04 49.8
GLAT	Glass	91.43	41	P
WCI	Wyandotte Cave	91.44	38	P
WCI	Wyandotte Cave	91.44	38	P
WCI	comp=Z,1um,1.4s	IAMS_20	IAMS_20	18 04 03.3
M53A	Wi Miller and	91.44	32	P
K55A	Perry	91.45	30	P
LNXT	Lenox	91.45	41	P
J56A	Wolcott	91.47	29	P
J56A	Wolcott	91.47	29	P
J56A	comp=Z,788nm,1.2s	IAMS_20	IAMS_20	18 03 37.4
H59A	Cadyville	91.47	26	P
H58A	Gale	91.49	27	P
ALLY	Alegheny Cole	91.50	32	P
ALLY	comp=Z,963nm,1.4s	IAMB	IAMB	17 23 22.1 -0.8
Q49A	Aurora	91.50	36	P
WVNY	West Valley, N	91.51	31	P
WVNY	comp=Z,1um,1.2s	IAMS_20	IAMS_20	18 03 31.5
WVNY	comp=Z,76um,20.0s	IAMS_20	IAMS_20	17 23 21.2 -1.9
MMNY	Mt. Morris Dam	91.52	30	P
MMNY	comp=Z,1um,1.3s	IAMS_20	IAMS_20	18 04 06.7
N52A	McGinn's Farm,	91.52	33	P
PQI	Presque Isle	91.53	22	P
PQI	comp=Z,436nm,1.1s	IAMS_20	IAMS_20	18 05 24.4
P50A	Jamestown	91.53	35	P
BATG	Bathurst New B	91.54	20	P
BATG	comp=Z,806nm,1.2s	IAMB	IAMB	17 23 32.6
BATG	comp=Z,87um,19.0s	IAMS_20	IAMS_20	18 08 42.8
G60A	Masonville	91.55	25	P
F62A	Pittston Farm,	91.62	23	P
F62A	Pittston Farm,	91.62	23	P
F62A	comp=Z,1um,1.2s	IAMS_20	IAMS_20	18 11 08.4
E63A	Oxbow	91.63	22	P
E63A	Oxbow	91.63	22	P
E63A	comp=Z,749nm,1.2s	IAMS_20	IAMS_20	18 05 14.2
O51A	Pataksala	91.65	34	P
G61A	St-Isidore-de	91.66	25	P
HALT	Hal	91.68	41	P
J57A	Williamstown	91.69	28	P
J57A	Williamstown	91.69	28	P
J57A	comp=Z,926nm,1.2s	IAMS_20	IAMS_20	18 05 14.1
DRLN	Deer Lake	91.74	14	P
DRLN	comp=Z,652nm,1.4s	IAMS_20	IAMS_20	18 07 40.4
L55A	Hinsdale	91.76	31	P
K56A	Middlesex	91.77	30	P
Z41A	Ricland Creek	91.78	45	P
Z41A	Ricland Creek	91.78	45	P
Z41A	comp=Z,852nm,1.2s	IAMS_20	IAMS_20	18 06 18.9
NATX	Nacogdoches	91.80	47	P
NATX	Nacogdoches	91.80	47	P
NATX	comp=Z,950nm,1.4s	IAMS_20	IAMS_20	18 01 17.2
E64A	Hal	91.81	22	P
M54A	Oil Creek Stat	91.81	32	P
M54A	Oil Creek Stat	91.81	32	P
M54A	comp=Z,1um,1.8s	IAMS_20	IAMS_20	18 06 30.8
I58A	Old Ford Creek	91.83	28	P

NCB	Newcomb	91.86	27	P
NCB	comp=Z,469nm,1.1s	IAMS_20	IAMS_20	17 23 23.9 -0.8
CCAR	Cane Creek	91.86	44	P
CCAR	comp=Z,3um,1.4s	IAMS_20	IAMS_20	18 01 47.1
H60A	Morristown	91.89	26	P
N53A	Lisbon	91.89	33	P
N53A	Lisbon	91.89	33	P
N53A	comp=Z,605nm,1.2s	IAMS_20	IAMS_20	18 03 40.9
X43A	Marvell	91.91	43	P
X43A	Marvell	91.91	43	P
P51A	Williamsport	91.98	35	P
P51A	Williamsport	91.98	35	P
P51A	comp=Z,927nm,1.3s	IAMS_20	IAMS_20	18 02 13.3
J58A	Remsen	92.00	28	P
J58A	Remsen	92.00	28	P
J58A	comp=Z,788nm,1.3s	IAMS_20	IAMS_20	18 05 24.3
T47A	Sharon Grove	92.00	39	P
T47A	Sharon Grove	92.00	39	P
T47A	comp=Z,812nm,1.1s	IAMS_20	IAMS_20	18 04 21.9
O52A	Adamsville	92.02	34	P
O52A	Adamsville	92.02	34	P
G62A	West of Eustis	92.04	24	P
G62A	West of Eustis	92.04	24	P
G62A	comp=Z,781nm,1.2s	IAMS_20	IAMS_20	18 03 52.2
Q50A	Georgetown	92.06	36	P
K57A	Scipio Center	92.06	29	P
F63A	Nahmakanta, Br	92.07	23	P
F63A	Nahmakanta, Br	92.07	23	P
F63A	comp=Z,548nm,1.4s	IAMS_20	IAMS_20	18 10 34.8
VT1	Waterbury	92.07	26	P
VT1	comp=Z,673nm,1.2s	IAMS_20	IAMS_20	18 05 56.4
MCQ	Macquarie Isla	92.09	172	P
MCQ	comp=Z,760nm,1.4s	IAMS_20	IAMS_20	18 03 05.6
N54A	Moraine State	92.13	32	P
N54A	Moraine State	92.13	32	P
N54A	comp=Z,578nm,1.2s	IAMS_20	IAMS_20	18 11 32.1
I59A	Olmsteadville	92.14	27	P
L56A	Greenwood	92.15	30	P
L56A	Greenwood	92.15	30	P
L56A	comp=Z,751nm,1.2s	IAMS_20	IAMS_20	18 04 36.6
F64A	Sherman	92.16	22	P
F64A	Sherman	92.16	22	P
F64A	comp=Z,396nm,1.2s	IAMS_20	IAMS_20	18 05 29.1
H61A	Lyndonville	92.18	25	P
O53A	New Philadelphia	92.19	33	P
J59A	Piesco	92.20	27	P
J59A	Piesco	92.20	27	P
J59A	comp=Z,921nm,1.4s	IAMS_20	IAMS_20	18 12 09.2
M5EY	Mahe Island	92.21	266	P
M5EY	Mahe Island	92.21	266	P
M5EY	comp=Z,1um,1.8s	IAMS_20	IAMS_20	18 04 06.3
Q51A	Peebles	92.21	35	P
Q51A	Peebles	92.21	35	P
Q51A	comp=Z,1um,1.2s	IAMS_20	IAMS_20	18 03 31.6
M55A	Ridgway	92.22	31	P
M55A	Ridgway	92.22	31	P
M55A	comp=Z,66um,22.0s	IAMS_20	IAMS_20	17 23 26.7 +0.1
P52A	Corning	92.28	34	P
S49A	Springfield	92.28	37	P
WVT	Waverly	92.30	40	P
WVT	Waverly	92.30	40	P
WVT				

25d 17h

Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like HKT, H62A, H62A, etc.

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Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like CLTN, L59A, R52A, etc.

1300

Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like N59A, N59A, T52A, etc.

L63A	comp=Z,73um,20.0s baz=332	94.64	26	P	P	17 23 37.4	-0.1
V52A	Sevierville baz=323,SNR=46	94.64	38	P	P	17 23 37.7	0.0
V52A	Sevierville	94.64	38	P	Iamb	17 23 36.1	-1.6
V52A	comp=Z,857nm,1.4s					18 11 41.1	
FPAL	Fort Paine	94.67	40	P	P	17 23 35.6	-2.2
FPAL	comp=Z,163nm,1.2s					17 23 46.5	
CPNY	Central Park	94.71	28	P	P	17 23 36.3	-1.5
CPNY	comp=Z,303nm,1.2s					18 12 22.8	
US3A	Fall Branch	94.71	37	P	P	17 23 37.8	-0.2
P59A	Jarrettsville baz=328,SNR=22	94.75	31	P	P	17 23 37.9	-0.2
SDMD	Soldier's Deli	94.75	31	P	P	17 23 36.8	-1.3
SDMD	comp=Z,109nm,1.3s					18 08 42.3	
Q58A	Fox Den Farm, baz=327,SNR=19	94.79	32	P	P	17 23 38.0	-0.3
Y49A	Blount Mountai baz=323,SNR=56	94.79	41	P	P	17 23 38.0	-0.4
Y49A	Blount Mountai	94.79	41	P	Iamb	17 23 47.0	
Y49A	comp=Z,225nm,1.1s					18 12 42.8	
L64A	Middleborough baz=332	94.85	26	P	P	17 23 38.1	-0.3
PSUB	Penn St. - Bra	94.87	30	P	P	17 23 37.3	-1.3
PSUB	comp=Z,244nm,1.2s					17 23 47.1	
M63A	Gales Ferry baz=331	94.89	27	P	P	17 23 38.3	-0.3
P60A	Greenville baz=329,SNR=31	94.90	30	P	P	17 23 38.1	-0.6
P60A	Greenville	94.90	30	P	Iamb	17 23 37.2	-1.5
P60A	comp=Z,328nm,1.2s					18 05 26.2	
T55A	Pulaski baz=325,SNR=81	94.94	35	P	P	17 23 39.2	+0.2
U54A	Nelsons Funny baz=324,SNR=42	94.94	36	P	P	17 23 38.9	-0.2
U54A	Nelsons Funny	94.94	36	P	Iamb	17 23 37.6	-1.5
U54A	comp=Z,348nm,1.1s					18 05 07.0	
R57A	Standardsville baz=327,SNR=63	94.97	33	P	P	17 23 39.4	+0.3
BLA	Blacksburg baz=326,SNR=47	95.03	35	P	P	17 23 39.4	-0.1
BLA	Blacksburg	95.03	35	P	Iamb	17 23 38.1	-1.3
BLA	comp=Z,524nm,1.3s					18 04 19.0	
S56A	Natural Bridge baz=326,SNR=40	95.03	34	P	P	17 23 39.2	-0.2
X51A	Calhoun baz=323,SNR=30	95.03	39	P	P	17 23 39.4	0.0
X51A	Calhoun	95.03	39	P	Iamb	17 23 37.9	-1.5
X51A	comp=Z,357nm,1.2s					18 06 15.5	
L65A	Cape Cod Natio baz=333	95.03	25	P	P	17 23 38.0	-1.3
M64A	Tiverton baz=332	95.06	26	P	P	17 23 38.6	-0.8
N63A	Mattituck baz=331	95.08	27	P	P	17 23 38.6	-0.9
W52A	Murphy baz=323,SNR=26	95.08	38	P	P	17 23 39.6	-0.1
W52A	Murphy	95.08	38	P	Iamb	17 23 38.1	-1.6
W52A	comp=Z,203nm,1.2s					18 11 26.7	
O61A	Allentown baz=330	95.08	29	P	P	17 23 38.8	-0.7
LRAL	Lakeview Retre baz=321,SNR=29	95.12	41	P	P	17 23 39.7	-0.2
LRAL	Lakeview Retre	95.12	41	P	Iamb	17 23 38.5	-1.4
LRAL	comp=Z,119nm,1.1s					18 03 51.7	
DESE	Dese	95.13	288	eS	P	17 23 40.7	+0.1
DESE	Dese	95.13	288	P	PP	17 23 37.7	+7.7
DESE	Dese	95.13	288	I/S	SP	17 23 40.7	+0.1
DESE	Dese	95.13	288	I/S	SP	17 36 10.0	-1.9
DESE	Dese	95.13	288	I/S	SP	17 23 40.7	+0.1
V53A	Saluda baz=324,SNR=35	95.16	37	P	P	17 23 40.2	+0.1
V53A	Saluda	95.16	37	P	Iamb	17 23 38.2	-1.9
V53A	comp=Z,254nm,1.2s					17 23 49.2	
V53A	comp=Z,46um,21.0s					18 06 29.8	
R58A	Rapidan baz=327,SNR=36	95.19	32	P	P	17 23 40.0	-0.1
S57A	Dark Hollow, R baz=326,SNR=29	95.23	33	P	P	17 23 40.4	+0.1
S57A	Dark Hollow, R	95.23	33	P	Iamb	17 23 38.7	-1.6
S57A	comp=Z,293nm,1.2s					18 08 23.3	
M65A	Busby, Falmonth baz=332	95.24	26	P	P	17 23 40.1	-0.1
M65A	Busby, Falmonth	95.24	26	IAMS_20	IAMS_20	18 05 12.0	
Q59A	Harwood baz=328	95.28	31	P	P	17 23 39.8	-0.7
U55A	T42, Sparta baz=325,SNR=28	95.32	35	P	P	17 23 40.7	-0.1
P61A	Hammonton baz=329	95.35	30	P	P	17 23 39.9	-0.9
P61A	Hammonton	95.35	30	IAMS_20	IAMS_20	18 06 33.6	
T56A	Rocky Mt baz=326,SNR=14	95.35	34	P	P	17 23 40.9	0.0
W53A	Cullowhee baz=324,SNR=38	95.39	38	P	P	17 23 41.1	-0.1
Y51A	Rockmart baz=322,SNR=37	95.45	40	P	P	17 23 40.9	-0.5
X52A	Dahlonega baz=323,SNR=18	95.48	38	P	P	17 23 41.6	0.0
Y54A	Nebo baz=324,SNR=23	95.49	36	P	P	17 23 41.1	-0.5
Q60A	Greensboro baz=329	95.50	31	P	P	17 23 40.9	-0.6
Q60A	Greensboro	95.50	31	IAMS_20	IAMS_20	18 05 54.3	
Z50A	Ashland baz=322,SNR=69	95.52	41	P	P	17 23 41.4	-0.3
Z50A	Ashland	95.52	41	P	Iamb	17 23 40.4	-1.3
Z50A	comp=Z,593nm,1.3s					17 23 50.4	
R58B	Mineral baz=327,SNR=19	95.53	33	P	P	17 23 41.5	-0.1
R58B	Mineral	95.53	33	P	Iamb	17 23 39.9	-1.7
R58B	comp=Z,162nm,1.2s					17 23 50.5	
R58B	comp=Z,61um,20.0s					18 05 52.8	
CBN	Corbin Frederi baz=328	95.54	32	P	P	17 23 41.3	-0.4
CBN	Corbin Frederi	95.54	32	IAMS_20	IAMS_20	18 11 51.4	
BG3	Lake Jocassee	95.65	38	P	P	17 23 41.5	-0.8
BG3						17 23 51.6	
BG3	comp=Z,380nm,1.2s					18 06 34.7	
R59A	King George, V	95.65	32	P	P	17 23 41.7	-0.5
M66A	Nantucket baz=333	95.69	26	P	P	17 23 41.9	-0.4
T57A	Hurt baz=326,SNR=22	95.73	34	P	P	17 23 42.4	-0.1
T57A	Hurt	95.73	34	P	Iamb	17 23 41.5	-1.1
T57A	comp=Z,284nm,1.2s					17 23 51.4	
T57A	comp=Z,78um,20.0s					18 05 15.5	
S58A	Poland Farm, P baz=327	95.75	33	P	P	17 23 42.0	-0.6
S58A	Poland Farm, P	95.75	33	P	Iamb	17 23 41.5	-1.1
S58A	comp=Z,188nm,1.2s					17 23 51.2	
S58A	comp=Z,68um,19.0s					18 10 23.9	
U56A	King baz=326,SNR=13	95.75	35	P	P	17 23 42.7	0.0
V55A	Taylorville baz=325,SNR=23	95.77	36	P	P	17 23 42.3	-0.5
V55A	Taylorville	95.77	36	P	Iamb	17 23 41.1	-1.7
V55A	comp=Z,267nm,1.2s					17 23 52.3	
Q61A	Milford baz=326,SNR=18	95.82	30	P	P	17 23 42.6	-0.3
R60A	Leonardtown, M baz=328	95.82	32	P	P	17 23 42.4	-0.5
Z51A	Franklin baz=322,SNR=18	95.85	40	P	P	17 23 42.7	-0.5
X53A	Estanton baz=324,SNR=39	95.86	38	P	P	17 23 43.6	+0.4
W54A	Cherokee Point baz=324,SNR=19	95.93	37	P	P	17 23 43.7	+0.1
S59A	Mechanicsville baz=325,SNR=6.1	95.95	32	P	P	17 23 43.3	-0.3
Y52A	Lilburn baz=323,SNR=19	95.99	39	P	P	17 23 44.0	+0.1
Y52A	Lilburn	95.99	39	P	Iamb	17 23 42.3	-1.6
Y52A	comp=Z,402nm,1.3s					17 23 53.0	
Y52A	comp=Z,71um,19.0s					18 06 52.8	
ANKE	Ethiopia-Afar	96.01	287	I/S	PP	17 23 45.5	+0.8
ANKE	Ethiopia-Afar	96.01	287	I/S	PP	17 27 46.3	+9.5
T58A	Grand View Acr baz=327,SNR=30	96.09	34	P	P	17 23 44.0	-0.3
V56A	Mocksville baz=325,SNR=24	96.14	35	P	P	17 23 44.5	0.0
V56A	Mocksville	96.14	35	P	Iamb	17 23 43.2	-1.3
V56A	comp=Z,290nm,1.2s					17 23 53.9	
V56A	comp=Z,91um,21.0s					18 05 52.6	
U57A	Blanch baz=326,SNR=25	96.16	34	P	P	17 23 44.3	-0.3
Y53A	Monroe baz=323,SNR=19	96.23	39	P	P	17 23 45.1	+0.1
S60A	Wat View baz=328	96.27	32	P	P	17 23 44.6	-0.4
X54A	Belton baz=324,SNR=25	96.28	37	P	P	17 23 45.4	+0.2
R61A	Willards baz=329	96.28	31	P	P	17 23 44.4	-0.7
R61A	Willards	96.28	31	IAMS_20	IAMS_20	18 06 18.9	
KM5C	Kings Mountain baz=325,SNR=29	96.30	36	P	P	17 23 45.1	-0.1
KM5C	Kings Mountain	96.30	36	P	Iamb	17 23 43.1	-2.0
KM5C	comp=Z,397nm,1.1s					17 23 54.6	
KM5C	comp=Z,82um,21.0s					18 05 36.7	
PAULI	Pauline	96.33	37	P	Iamb	17 23 43.9	-1.4
PAULI	Pauline	96.33	37	P	Iamb	17 23 54.7	
PAULI	comp=Z,239nm,1.1s					18 04 11.6	
250A	Grady baz=322,SNR=22	96.33	42	P	P	17 23 45.6	+0.2
250A	Grady	96.33	42	P	Iamb	17 23 43.6	-1.8
250A	comp=Z,1um,1.3s					17 23 55.3	
250A	comp=Z,1um,1.3s					18 07 37.7	
Z52A	Williamson baz=323,SNR=19	96.34	40	P	P	17 23 45.3	-0.2
V57A	Coltrane Farms baz=326,SNR=21	96.41	35	P	P	17 23 45.4	-0.3
T59A	Double "B" Far baz=327,SNR=29	96.50	33	P	P	17 23 46.0	-0.1
T59A	Double "B" Far	96.50	33	P	Iamb	17 23 44.3	-1.7
T59A	comp=Z,338nm,1.3s					17 23 55.1	
T59A	comp=Z,56um,20.0s					18 08 12.8	
KEST	Kesra	96.51	325	P	PP	17 23 47.1	+0.8
KEST	comp=Z,132nm,1.0s,baz=276,slow=1.5,SNR=21					17 40 28.6	-0.9
KEST	comp=Z,2.2nm,0.7s,baz=114,slow=10.0,SNR=2.3					18 12 37.8	
KEST	comp=Z,205um,18.3s,baz=337,slow=39					18 12 37.8	
KEST	Kesra	96.51	325	P	Iamb	17 23 44.3	-2.0
KEST	Kesra	96.51	325	P	Iamb	17 23 53.8	
KEST	comp=Z,214nm,1.1s					17 40 28.9	-0.6
KEST	comp=Z,21um,18.0s					18 12 26.4	
BRAL	Brewton baz=321	96.54	43	P	P	17 23 46.9	+0.6
BRAL	Brewton	96.54	43	IAMS_20	IAMS_20	18 15 05.0	
U58A	Oxford baz=327,SNR=21	96.55	34	P	P	17 23 46.1	-0.2
HODGE	Hodges	96.59	38	P	P	17 23 44.6	-1.9
HODGE	Hodges	96.59	38	P	Iamb	17 23 56.4	
HODGE	comp=Z,373nm,1.3s					18 07 02.6	
HODGE	comp=Z,64um,20.0s					17 23 46.1	-0.5
152A	Waverly Hall baz=322,SNR=17	96.60	40	P	P	17 23 46.1	-0.2
152A	Waverly Hall	96.60	40	P	Iamb	17 23 44.6	-2.0
152A	comp=Z,154nm,1.2s					17 23 55.2	
152A	comp=Z,154nm,1.2s					18 05 45.2	
CMAH	Djebel Manchou baz=323,SNR=24	96.63	327	P	P	17 23 46.1	-0.7
CMAH	Djebel Manchou	96.65	39	P	P	17 23 46.8	0.0
GOGA	Godfrey baz=323,SNR=14	96.65	39	P	Iamb	17 23 45.8	-1.1
GOGA	Godfrey	96.65	39	P	Iamb	17 23 56.0	
GOGA	comp=Z,326nm,1.4s					18 08 28.3	
W56A	Indian Trail baz=325,SNR=35	96.66	36	P	P	17 23 46.3	-0.5

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like W61A Ground Anchor, X60A Albert Glenn T, ESBB Sonseca Array, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PCVE Castro Verde, PVAQ Vaqueiros, RER Riviere de E, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like OBIP Obisapo Ponce, PAYG Puerto Ayora, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CTI Castel Tesino, GERES GERESS Array B, KHC Kasperske Hory, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JMA 25 17:18:53.14,5,37.31N,0.06:144.68E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YAK Yakutsk, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JMA 25 17:14:11.0,0.4,37.27N:144.40E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROM 25 17:20:48.9,0.2,37.876N:0.007x15.010E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NEIC 25 17:27:59.2,7,37.17N:0.08:145.0E, etc.

Bottom section containing various station codes and coordinates, including JMA 25 17:18:52.0,0.8,37.35N:0.04:144.64E, etc.

Table with columns: TXAR, D53A, TUL1, ABTX, SGRG, CCM, NRCA, MGMO, ITM, MSSA, INTR, U40A, JCT, W39A, LATE. Includes station names, coordinates, and time/res data.

IDC 25 17:36:42.0-0.7, 37.01N:144.73E, h0km, mb3.9/10, mb1 4.1/15, mb1mx3.9/59, mbtmp3.9/15, ML3.3/5, Error ellipse: s-maj=20.4km s-min=17.1km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like IJHK, JIO, JJKM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JFT, JRY, JER, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like NEM2, INU, JTKR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PEAOB, SEY, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SONM, SONGI, KIWB, etc.

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

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

Table with columns: ANMO, TXAR, JMA 25 17:38:39.4-0.2, 37.31N:144.43E, h57km, M3.9, Off east coast of Honshu. Includes station names and coordinates.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JFT, JRY, JER, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like H1N2, H1N1, H1N3, etc.

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

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

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

Table with columns: mb1 3.9/9, mb1mx3.6/65, mbtmp3.9/9, ML3.3/5, Error ellipse: s-maj=29.7km s-min=19.6km az=108.0. Includes station names and coordinates.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JFT, JRY, JER, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KSR5, KSR5, ADK, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BUJ 25 17:54:29.2-0.0, 19.23S:173.23W, h7km, mb5.5/44, mb5.7/4, Ms6.6/1, Ms7.5/3/1.

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

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

Table with columns for call sign, name, frequency, power, and other details. Includes stations like BKZ Black Stump Fm, KHZ Black Stump Fm, HIZ Huiti, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like KHU Kahuku, ARPS Mount Arapiles, WRMH West Rim, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes stations like GIRL Giralia, GSPA South Pole, ATKA Atka Island, etc.

25d 17h

Table with columns for station name, frequency, and other technical details. Includes stations like KKAR Karatay Array, ARU Arti, BOSA Boshof, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like BUR08 Buocovina Ar. S, BURAR Buocovina Array, BURAR Buocovina Array, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like KIBS BOLU, KKUL Konya-Kulu, KIBS BOLU, etc.

Additional information and notes at the bottom right of the page, including coordinates and station identifiers.

JFK		eS	Sn	17 58 56.9	-4.6
JMK	Ichinoseki	3.23 302	P	17 58 26.2	-1.6
JMK		eS	Pn	17 59 01.9	-3.1
JOM	Ohasama	3.47 310	P	17 58 29.7	-1.4
JOM		eS	Pn	17 59 07.9	-3.1
JOC1	Boso 1	4.04 230	P	17 59 35.4	-3.0
BSO1		eS	Pn	17 59 20.5	-3.7
ERM	Erimo	4.86 346	P	17 58 48.6	-1.7
ERM		eS	Pn	17 59 40.1	
ERM	Erimo	4.86 346	Pn	17 58 48.6	-1.7
ERM		eS	Pn	17 59 40.1	
JRY	Ryogami san	4.87 256	P	17 59 07.9	-3.1
JRY		eS	Pn	17 59 39.4	-1.6
JOT	Ohata	4.98 326	P	17 58 50.4	-1.5
JOT		eS	Pn	17 59 42.7	-5.5
JOD2	Odawara 2	5.00 248	P	17 58 50.7	-1.5
JOD2		eS	Pn	17 59 42.5	-5.3
MJAR	Matsushiro Arr	5.29 264	Pn	17 58 55.3	-0.9
MJAR	10nm,0.3s,baz=90,slow=14,SNR=408		Pn	17 59 51.7	-4.2
MJAR	4.6nm,0.3s,baz=70,slow=25,SNR=3.6		Pn	17 58 54.5	-1.7
MJAR	Matsushiro Arr	5.29 264	P	17 59 51.7	
MJAR		eS	Pn	17 58 54.5	-1.7
MAJO	Matsushiro	5.29 264	iP	17 58 54.7	-1.5
MAJO		eS	Pn	17 58 55.6	-0.6
MAT	Matsushiro	5.29 264	P	17 58 55.7	-0.5
MAT		eS	Pn	17 59 52.9	-3.1
MJB9	Matsu-Tunnel	5.29 264	P	17 58 55.6	-0.6
KJB	Kayabe	5.40 329	P	17 58 56.7	-1.0
KJB		eS	Pn	17 59 52.6	-0.6
JCH	Churui	5.41 349	P	17 58 55.5	-2.3
JCH		eS	Pn	17 59 43.5	-5.3
JHJ2	Mitsune	5.81 225	P	17 58 58.9	-3.5
JHJ2		eS	Pn	18 00 02.6	-6.0
JHJ2	Mitsune	5.81 225	P	17 58 58.9	-3.4
JHJ2		eS	Pn	18 00 02.9	-5.7
JHJ	Hachijo jima 2	5.82 226	Pn	17 58 59.9	-3.5
JHJ	108nm,0.3s,baz=347,slow=16,SNR=34		Pn	18 00 01.3	-7.7
JHJ	448nm,0.3s,baz=53,slow=23,SNR=12		Pn	17 59 03.3	-4.0
NEM2	Nemuro 2	6.11 7	P	18 00 08.5	-7.4
NEM2		eS	Pn	17 59 03.0	-4.4
NMR	Nemuro-Hokkai	6.11 7	eP	18 00 07.4	-8.6
NMR		eS	Pn	17 59 08.4	-1.1
JOSM	Okushiri-Mats	6.27 321	P	17 59 08.4	-1.1
JOSM		eS	Pn	18 00 15.2	-4.7
INU	Inuyama	6.53 255	P	17 59 12.5	-0.8
JTKR	Abashiri-Toko	6.69 355	P	17 59 13.1	-2.3
JTKR		eS	Pn	18 00 22.9	-7.4
GRPR	Tuman	6.73 6	eP	17 59 11.8	-4.1
GRPR		eS	Pn	18 00 20.5	-1.1
GRPR	comp=E,140nm,0.5s		pmx		
GRPR	comp=Z,473nm,0.5s		pmx		
GRPR	comp=N,186nm,0.4s		smx		
GRPR	comp=E,1um,0.3s		smx		
GRPR	comp=N,2um,0.4s		smx		
YUK	Yuzh-Kuril'sk	6.78 7	eP	17 59 12.8	-3.8
YUK		eS	Pn	18 00 23.2	-9.3
YUK		eS	Pn	18 00 23.2	-9.3
YUK	comp=Z,448nm,0.2s		smx		
YUK	comp=N,2um,0.3s		smx		
LAGR	Lagunnoye	6.79 6	eP	17 59 14.0	-2.8
LAGR		eS	Pn	18 00 25.0	-7.8
LAGR	comp=Z,321nm,0.2s		smx		
LAGR	comp=N,3um,0.3s		smx		
LAGR	comp=E,3um,0.5s		smx		
JHR	Hokuryu	6.83 341	P	17 59 17.2	-0.1
JHR		eS	Pn	18 00 29.6	-4.2
JKA	Kamikawa-asahi	7.00 347	P	17 59 18.5	-1.1
JKA		eS	Pn	17 59 38.1	+0.2
ASAJ	Asahikawa	7.00 347	Pn	17 59 18.5	-1.1
ASAJ	comp=E,17nm,0.3s,baz=187,slow=8.4,SNR=69		Pn	18 00 38.1	+0.2
JTNC	Tanabekakech	8.21 248	P	17 59 34.7	-1.6
JTNC	Kuril'sk	8.27 16	eP	17 59 33.3	-3.7
KUR		eS	Pn	18 01 00.7	-8.3
KUR		eS	Pn	18 01 00.7	-8.3
KUR	comp=N,67nm,0.5s		pmx		
KUR	comp=E,62nm,0.5s		pmx		
KUR	comp=Z,111nm,0.5s		pmx		
KUR	comp=N,259nm,0.2s		smx		
KUR	comp=N,162nm,0.4s		smx		
JHS	Saiyo	9.68 260	P	17 59 55.5	-0.9
YSS	Yuzh-Sakhalins	9.76 352	eP	17 59 56.2	-1.2
YSS		eS	Pn	18 01 37.8	
YSS		eS	Pn	18 01 37.8	
YSS	comp=Z,20nm,0.8s		pmx		
YSS	Yuzh-Sakhalins	9.76 352	Pn	17 59 55.4	-2.0
YSS	Chichijima	10.40 193	Pn	18 01 45.9	-1.6
USCJ	comp=Z,34nm,0.3s,baz=72,slow=20,SNR=4.5		Pn	18 00 26.6	+0.3
USCJ	Ussuriysk Ar.	11.87 309	Pn	18 00 26.6	+0.3
USCJ	comp=Z,3.7nm,0.3s,baz=116,slow=14,SNR=59		Pn	18 00 26.7	+0.4
USA0B	Ussuriysk Arra	11.87 309	P	18 00 26.7	+0.4
USA0B		eS	Pn	18 00 28.9	-0.4
JNU	Nakatsue	12.08 254	Pn	18 00 28.5	-0.8
JNU	Korea Array	13.38 276	Pn	18 00 48.2	+1.2
KSR9		eS	Pn	18 00 47.4	0.0
KSR9	comp=Z,1.1nm,0.3s,baz=80,slow=13,SNR=21		Pn	18 00 47.4	0.0
KSAR	Wonju Array Be	13.41 276	Pn	18 00 48.3	+0.2
KSAR		eS	Pn	18 00 48.3	+0.2
KS19	Wonju Array Si	13.42 276	Pn	18 00 56.0	-2.1
MDJ	Mudanjiang	13.57 307	P	18 01 02.8	-2.1
MDJ		eS	Pn	18 01 02.8	-2.1
MDJ		eS	Pn	18 01 02.8	-2.1
MDJ	comp=Z,42nm,1.2s		pmx		
MDJ	Mudanjiang	13.57 307	Pn	18 00 48.8	-0.7
KLR	Kul'dur	15.19 326	Pn	18 01 09.6	-1.9
KLR	comp=Z,0.2nm,0.3s,baz=133,slow=14,SNR=8.5		Pn	18 01 12.1	+0.6
KLR		eS	Pn	18 01 12.1	+0.6
KLR	comp=Z,5.0nm,1.4s		pmx		
JOW	Kunigami	17.40 238	Pn	18 01 34.5	-5.2
JOW		iAmb	Pn	18 01 47.0	
PEA0B	Petropavlovsk-	18.21 26	P	18 01 47.1	-2.3
PEA0B		eS	Pn	18 01 47.1	-2.3
PEA0B	comp=Z,22nm,1.1s		pmx		
PEA0B	Petropavlovsk-	18.21 26	P	18 01 47.1	-2.3
PEA0B		eS	Pn	18 01 51.0	+1.6
PETK	Petropavlovsk-	18.21 26	P	18 01 51.0	+1.6
PETK		eS	Pn	18 01 49.2	-0.2
PETK	Dalian	18.25 282	P	18 01 52.0	+1.9
DL2		eS	Pn	18 01 52.0	+1.9
ZEA	Zeya	20.41 329	eP	18 02 14.7	-1.0
ZEA		eS	Pn	18 02 14.7	-1.0
ZEA	comp=N,35nm,1.0s		pmx		
HIA	Hailar	21.66 311	iP	18 02 28.2	+1.1
HIA		eS	Pn	18 02 28.2	+1.1
NJ2	Nanjing	21.89 264	eP	18 02 29.3	-0.3
NJ2		eS	Pn	18 02 37.8	+2.5
NJ2	comp=Z,15nm,0.5s		pmx		
BJ1	Beijing	22.43 286	eP	18 02 37.8	+2.5
BJ1		eS	Pn	18 02 37.8	+2.5
MA2	Magadan	22.63 8	P	18 02 38.8	+1.6
MA2	comp=Z,4.3nm,0.6s,baz=156,slow=20,SNR=3.3		P	18 02 39.4	+2.2
MA2		eS	Pn	18 02 39.4	+2.2
MA2	comp=Z,1.1nm,1.0s		pmx		
MA2	Magadan	22.63 8	P	18 02 38.9	+1.6

MA2		iAmb	iAmb	18 02 46.4	
YHNB	Yeheng	23.59 244	P	18 02 44.1	-3.2
YHNB		eS	Pn	18 02 55.9	
NACB	Ninganchiao	23.73 243	P	18 02 46.4	-2.2
NACB		eS	Pn	18 03 09.6	
SSLB	Suanguang	24.43 243	P	18 02 53.4	-1.8
SSLB		eS	Pn	18 02 55.3	
TWG	Pinlang	24.97 241	P	18 02 59.3	-0.6
TPUB	Ta-pu	24.97 243	P	18 02 59.5	-0.5
TPUB		eS	Pn	18 03 10.8	
HHC	Hu-ho-hao-te	25.91 288	eP	18 03 09.8	+1.3
HHC		eS	Pn	18 03 15.0	+5.5
WHN	Wuhan	26.03 264	P	18 03 15.0	+5.5
H11N2	WAKE ISLAND Hy	26.08 126	T	18 30 08.7	
H11N2	baz=317,slow=76,SNR=47		T	18 29 59.6	
H11N1	WAKE ISLAND Hy	26.09 126	T	18 30 11.1	+1.4
H11N1	baz=317,slow=76,SNR=36		T	18 30 01.6	
SEY	Seymschan	26.09 8	P	18 03 11.1	+1.4
SEY	comp=Z,10nm,0.7s,baz=183,slow=8.4,SNR=27		P	18 03 01.6	
H1N3	WAKE ISLAND Hy	26.09 126	T	18 30 11.1	+1.4
H1N3	baz=317,slow=76,SNR=56		T	18 30 11.1	+1.4
YAK	Yakutsk	26.47 344	eP	18 03 14.3	+1.2
YAK		eS	Pn	18 03 22.4	+1.0
YAK		eS	Pn	18 06 32.7	
YAK		eS	Pn	18 07 46.4	+2.0
YAK		eS	Pn	18 09 04.7	+1.7
YAK	comp=Z,15nm,0.8s		pmx		
YAK	comp=N,5.0nm,1.0s		pmx		
YAK	comp=E,2.0nm,1.0s		pmx		
YAK	comp=Z,27um,10.5s		pmx		
YAK	comp=N,12um,10.1s		pmx		
YAK	comp=E,7um,10.1s		smx		
YAK	comp=N,5um,9.4s		smx		
YAK	comp=E,6um,10.8s		smx		
YAK	Yakutsk	26.47 344	P	18 03 13.1	-0.1
H1S1	WAKE ISLAND Hy	26.85 128	T	18 30 57.7	
H1S1	baz=319,slow=76,SNR=26		T	18 31 01.9	
H1S3	WAKE ISLAND Hy	26.86 128	T	18 30 59.5	
H1S3	baz=319,slow=76,SNR=25		T	18 30 59.5	
BOD	Bodaibo	27.87 325	eP	18 03 40.6	+6.8
BOD		eS	Pn	18 03 44.3	+6.6
XAN	Xi'an	29.17 274	P	18 03 52.8	-0.7
XAN		eS	Pn	18 03 37.2	-0.5
XAN		eS	Pn	18 03 41.1	+1.2
XAN		eS	Pn	18 03 39.9	0.0
XAN		eS	Pn	18 03 46.0	+2.3
XAN		eS	Pn	18 03 44.0	-0.3
XAN		eS	Pn	18 03 54.9	
XAN		eS	Pn	18 04 06.5	+2.4
XAN		eS	Pn	18 04 13.5	+9.4
XAN		eS	Pn	18 04 06.0	+2.0
XAN		eS	Pn	18 03 59.2	-5.2
XAN		eS	Pn	18 04 08.0	-0.4
XAN		eS	Pn	18 04 19.3	-0.9
XAN		eS	Pn	18 04 22.5	-1.9
XAN		eS	Pn	18 05 19.3	+2.6
XAN		eS	Pn	18 04 10.5	-1.0
XAN		eS	Pn	18 05 52.0	+1.0
XAN		eS	Pn	18 05 03.0	-0.5
XAN		eS	Pn	18 05 06.8	-0.7
NONG	Nongkai	41.12 254	P	18 05 26.7	+6.2
WMQ	Urumqi	43.09 297	eP	18 05 38.3	+2.0
WMQ		eS	Pn	18 05 46.3	+5.1
WMQ		eS	Pn	18 05 41.5	+0.3
WMQ		eS	Pn	18 05 40.7	-0.3
WMQ		eS	Pn	18 05 41.9	+0.9
ZALV	Zalvesovo Be	43.70 312	P	18 07 27.0	-0.5
ZALV	comp=Z,0.9nm,0.4s,baz=93,slow=7.0,SNR=7.4		P	18 05 41.0	0.0
ZALV	comp=Z,1.8nm,0.4s,baz=103,slow=7.3,SNR=4.2		P	18 05 41.0	0.0
CHT0	Chiang Mai	43.94 258	P	18 05 44.7	+1.3
CM31	Chiang Mai Arr	44.14 258	P	18 05 44.0	-1.0
CMAR	Chiang Mai Arr	44.14 258	P	18 05 46.5	+1.5
CMAR	comp=Z,0.8nm,0.7s,baz=47,slow=7.6,SNR=12		P	18 05 45.6	+0.6
NR1K	Noril'sk	44.15 335	P	18 05 45.6	+0.6
IMAR	Indian Mountain	45.07 31	P	18 05 52.0	+0.2
KDKA	Kodiak Island	45.12 42	P	18 05 52.3	0.0
KDKA		eS	Pn	18 05 52.3	0.0
KDKA	comp=Z,91nm,1.6s		pmx		
KDKA	Purkeypie	45.12 42	P	18 05 52.3	0.0
PPLA		eS	Pn	18 05 56.8	+2.0
PPLA		eS	Pn	18 06 18.8	
SKT	Skwentna	45.69 36	P	18 05 57.4	+0.7
SKT		eS	Pn	18 06 04.5	
CNPM	China Pool	45.80 40</			

25d 18h

Table of meteorological data for stations 25d and 18h, including station names, coordinates, and various atmospheric measurements.

2013 OCT

Table of meteorological data for October 2013, listing station names, coordinates, and atmospheric data.

1312

Table of meteorological data for station 1312, including station name, coordinates, and atmospheric data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BSO1 Ryogami san, JRY Erimo, JOD2 Odawara 2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KMRM Mail Ridge, JLU Jordanelle, ELK Elko, etc.

ISC/JB 25 18:38:36.0, 0.5, 25:135:0, 07:115:7W, 0.1, h10km, mb4.3/11, Error ellipse: s-maj=16.7km s-min=8.6km az=154.8

JMA 25 19:01:57.9, 0.3, 37:32N:144:44E, h57km, M4.0, IDC 25 19:02:02.1, 3.2, 35:67N:143:85E, h0km, mb3.6/3, mb1.3/4, mb1mx3.4/5, mbmtbp3.6/4, ML3.0/1, Error ellipse: s-maj=93.5km s-min=31.2km az=60.0

AAK	Kashi	52.78 295	eP	PcP	19 13 20.4	-1.3
KSH			pP	pP	19 12 15.8	+3.3
KSH			sP	sP	19 12 23.3	0.0
KSH			pmax	pmax	19 19 44.8	+6.0
KSH	comp=Z,7.0nm,0.7s		LR	LR		
KSH	comp=Z,560nm,7.5s		LR	LR		
KSH	comp=Z,1.1m,11.4s		LR	LR		
INK	Inuvik	53.08 27	P	P	19 12 15.4	+1.3
INK	comp=Z,9.6nm,0.5s,baz=290,slow=6.4,SNR=26	53.08 27	P	IaMb	19 12 16.0	
INK	comp=Z,1.1nm,0.6s		IaMb	IaMb		
EKS2	Erkin-Say	53.26 300	P	P	19 12 16.9	+0.9
AML	Almayashu	53.49 299	P	P	19 12 19.5	+1.4
WHY	Whitehorse	53.93 37	P	P	19 12 23.1	+2.4
WHY	comp=Z,18nm,1.4s		IaMb	IaMb	19 12 35.6	
ARSB	Arsianbob	54.27 298	P	IaMb	19 12 23.9	+0.4
ARSB	comp=Z,1.3nm,1.0s		IaMb	IaMb	19 12 25.9	
KNRA	Kunurra	54.64 199	P	P	19 12 24.7	-1.3
KNRA	comp=Z,1.2nm,1.2s		IaMb	IaMb	19 12 24.7	
KK31	Karatay Array	55.36 301	P	P	19 12 31.2	0.0
KK31	comp=Z,10.0nm,1.3s		pmax	pmax		
KK31	Karatay Array	55.36 301	P	IaMb	19 12 31.1	0.0
KK31	comp=Z,9.9nm,1.3s		pmax	pmax	19 12 32.6	
KKAR	Karatay Array	55.36 301	P	P	19 12 31.0	-0.2
KKAR	comp=Z,10.0nm,1.3s		PcP	PcP	19 13 30.1	-1.3
KKAR	Karatay Array	55.36 301	P	IaMb	19 12 31.3	+0.1
KKAR	comp=Z,9.9nm,1.3s		IaMb	IaMb	19 12 32.6	
SVE	Sverdlovsk	56.82 319	eP	P	19 12 42.6	+1.3
SVE	comp=Z,2.2nm,0.9s		pmax	pmax		
DLBC	Dease Lake	56.90 39	P	P	19 12 44.4	+2.4
DLBC	comp=Z,6.2nm,0.9s,baz=250,slow=4.1	56.90 39	P	P	19 12 43.5	+1.4
DLBC	comp=Z,1.4nm,1.1s		IaMb	IaMb	19 12 45.3	
GAR	Garm	57.04 297	P	P	19 12 43.0	-0.3
GAR	comp=Z,7.6nm,0.6s		IaMb	IaMb	19 12 44.1	
WRAB	Tennant Creek	57.60 192	eP	P	19 12 48.8	+1.6
WRAB	comp=Z,7.0nm,1.0s		pmax	pmax		
WRA	Warramunga Arr	57.61 192	P	P	19 12 45.1	-2.1
WRA	comp=Z,9.1nm,0.7s,baz=11,slow=7.3,SNR=17	57.61 192	P	P	19 12 45.0	-2.3
WRA	Warramunga Arr	57.61 192	P	P	19 12 50.4	+0.5
ARU	Arti	58.03 319	dP	P	19 14 56.7	+2.8
ARU	comp=Z,1.3nm,0.7s		SS	SS	19 20 51.1	+2.8
ARU	Arti	58.03 319	P	P	19 12 49.3	+4.2
ARU	comp=Z,1.3nm,0.7s		pmax	pmax		
ARU	Abkuli array	59.89 311	P	P	19 12 49.0	-0.3
ABKAR	Abkuli array	59.89 311	P	IaMb	19 13 04.0	
ASAR	Alice Springs	61.33 191	P	P	19 13 11.2	-1.8
ASAR	comp=Z,2.1nm,0.8s,baz=11,slow=8.1,SNR=16	61.33 191	P	P	19 13 10.5	-2.4
RES	Alice Springs	61.33 191	P	P	19 13 15.8	+0.1
RES	Resolute Bay	61.83 15	pmax	pmax		
RES	comp=Z,1.4nm,0.9s		pmax	pmax		
RES	Resolute Bay	61.83 15	P	P	19 13 15.8	+0.1
YKA	Yellowknife Arr	62.38 31	P	P	19 13 20.2	+0.7
YKA	comp=Z,9.2nm,0.7s,baz=299,slow=6.7,SNR=7.8	62.38 31	P	P	19 13 36.7	+1.7
NLWA	Neilton Lookou	64.67 49	P	P	19 13 35.9	+0.3
ARCES	ARCCESS Array B	64.82 340	P	P	19 13 37.1	+1.5
ARCES	comp=Z,3.0nm,1.0s,baz=58,slow=12,SNR=3.3	64.82 340	P	P	19 13 37.1	+1.5
ARCES	ARCCESS Array B	64.82 340	P	P	19 13 37.8	+0.9
ARCES	ARCCESS Array B	64.82 340	P	IaMb	19 13 38.5	
HRA	Herat	64.89 295	P	P	19 13 38.5	
E03A	Lebam	65.26 49	P	P	19 13 39.5	+0.7
B06A	Marblemont	65.55 47	P	P	19 13 40.8	+0.2
D05A	Enumclaw	65.90 48	P	P	19 13 44.8	+1.9
GEYT	Alibeck	66.09 300	P	P	19 13 44.5	+0.6
GEYT	comp=Z,3.7nm,0.7s,baz=54,slow=3.8,SNR=12	66.09 300	P	P	19 13 44.5	+0.6
GEYT	Alibeck	66.09 300	P	P	19 13 44.2	-0.2
GYA0B	ALIBECK ARRAY	66.09 300	P	IaMb	19 13 45.7	
GYA0B	comp=Z,4.1nm,0.8s		IaMb	IaMb		
LON	Longmire	66.22 49	P	P	19 13 45.9	+0.8
LON	comp=Z,4.0nm,1.1s		pmax	pmax		
LON	Longmire	66.22 49	P	P	19 13 45.9	+0.8
F04A	Amboy	66.25 50	P	P	19 13 46.8	+1.6
LTY	Liberty	66.65 48	P	P	19 13 48.4	+0.6
LTY	comp=Z,5.5nm,0.9s		IaMb	IaMb	19 13 49.7	
B08A	Colville Reser	66.88 46	P	P	19 13 50.2	+1.0
B08A	comp=Z,1.6nm,1.3s		IaMb	IaMb	19 13 51.2	
H04A	Detroit Lake	67.01 51	P	P	19 13 51.4	+1.2
H04A	comp=Z,9.5nm,1.0s		IaMb	IaMb	19 13 53.5	
E07A	Sunnyside	67.48 48	P	P	19 13 54.5	+1.4
HUMO	Hull Mountain	67.57 53	P	P	19 13 55.1	+1.5
HAWA	Hanford	67.66 48	P	P	19 13 55.5	+0.8
HAWA	comp=Z,4.5nm,0.9s		IaMb	IaMb	19 13 56.6	
C09A	Chrisman Ranch	67.77 46	P	P	19 13 55.5	+0.6
F07A	Phinny Hill Vi	67.78 49	P	P	19 13 56.2	+1.3
F07A	comp=Z,1.0nm,1.1s		IaMb	IaMb	19 13 56.9	
KHMM	Horse Mountain	67.94 55	P	P	19 13 58.2	+1.9
KHMM	comp=Z,12nm,1.6s		IaMb	IaMb	19 13 58.6	
E08A	Dider Farm, El	67.99 48	P	P	19 13 57.5	+1.3
E08A	comp=Z,6.3nm,1.0s		IaMb	IaMb	19 13 58.3	
YBH	Yreka Blue Hor	68.17 54	P	P	19 13 59.1	+1.6
YBH	comp=Z,2.1nm,0.9s,baz=27,slow=2.0,SNR=6.0	68.17 54	P	P	19 13 59.5	+1.9
YBH	Yreka Blue Hor	68.17 54	P	P	19 13 59.5	+1.9
YBH	comp=Z,6.0nm,1.2s		IaMb	IaMb	19 14 00.3	
YBH	Yreka Blue Hor	68.17 54	P	P	19 13 59.5	+1.9
YBH	comp=Z,6.1nm,1.2s		IaMb	IaMb	19 14 00.3	
NEW	Newport	68.19 45	P	P	19 13 58.4	+0.8
NEW	comp=Z,7.5nm,0.8s,baz=30,slow=7.1,SNR=7.0	68.19 45	P	P	19 13 58.3	+0.8
NEW	Newport	68.19 45	P	P	19 13 59.4	
NEW	comp=Z,9.3nm,0.9s		IaMb	IaMb	19 13 59.3	
PINE	Pine Mountain	68.23 51	P	P	19 13 59.3	+1.3
KCPM	Cahto Peak	68.64 56	P	P	19 14 02.3	+1.7
KCPM	comp=Z,9.9nm,1.3s		IaMb	IaMb	19 14 03.7	
G08A	Pilot Rock	68.67 49	P	P	19 14 01.5	+0.9
WDC	Whiskeytown Da	68.87 55	P	P	19 14 02.8	+1.0
WDC	comp=Z,6.0nm,1.2s		pmax	pmax		
WDC	Whiskeytown Da	68.87 55	P	P	19 14 02.8	+1.0
WDC	comp=Z,5.5nm,1.2s		IaMb	IaMb	19 14 03.5	
VRH	Novokhoporsky	69.27 319	eP	P	19 14 03.2	-0.9
VRH	comp=Z,2.0nm,1.2s		pmax	pmax		
VRH	Novokhoporsky	69.27 319	eP	P	19 14 04.6	-1.3
VRH	comp=Z,5.0nm,1.1s		pmax	pmax	19 14 32.4	
VRH	Novokhoporsky	69.27 319	eP	P	19 14 44.9	
VRH	comp=Z,5.0nm,1.1s		S	S	19 23 09.9	-1.8
VRH	Novokhoporsky	69.27 319	eP	P	19 14 04.6	-1.3
VRH	comp=Z,5.0nm,1.1s		pmax	pmax	19 14 07.8	+1.2
VRH	Novokhoporsky	69.27 319	eP	P	19 14 08.8	
VRH	comp=Z,5.0nm,1.1s		pmax	pmax	19 14 09.4	+1.2
VRH	Novokhoporsky	69.27 319	eP	P	19 14 09.4	+1.2
VRH	comp=Z,5.0nm,1.1s		pmax	pmax	19 14 09.4	+1.2

LPSR	Galich'ya Gora	69.91 321	eP	P	19 14 07.9	-0.1
LPSR	comp=Z,10.0nm,1.0s		pmax	pmax		
FINES	FINESS Array B	69.94 333	P	P	19 14 08.5	+0.4
FINES	comp=Z,6.9nm,0.6s,baz=55,SNR=11	69.94 333	P	P	19 14 08.8	+0.8
FINES	FINESS Array B	69.94 333	P	P	19 14 08.8	+0.8
FINES	comp=Z,3.0nm,0.6s		pmax	pmax		
FINES	FINESS Array B	69.94 333	P	P	19 14 08.2	+0.2
PLID	Pearl Lake	70.55 48	P	IaMb	19 14 14.2	+0.3
PLID	comp=Z,1.6nm,1.6s		IaMb	IaMb	19 14 14.2	+0.3
VSR	Storozhevo	70.58 320	eP	P	19 14 11.6	-0.6
VSR	comp=Z,10.0nm,1.0s		pmax	pmax		
VORD	Divnogorie	70.66 320	eP	P	19 14 12.0	-0.6
VORD	comp=Z,6.0nm,0.6s		pmax	pmax		
BEKR	Beckworth	70.66 54	P	P	19 14 13.8	+0.7
BEKR	comp=Z,6.3nm,1.1s		IaMb	IaMb	19 14 15.0	
AFDM	Forest Hills D	70.75 55	P	P	19 14 14.3	+0.8
MSO	Missoula	70.78 45	P	P	19 14 14.1	+0.5
MSO	comp=Z,8.9nm,1.1s		IaMb	IaMb	19 14 15.2	
PAHR	Pah Rah Range	71.38 54	P	P	19 14 17.5	0.0
PAHR	comp=Z,7.3nm,1.1s		IaMb	IaMb	19 14 19.5	
MFID	Canas Ranch	71.57 49	P	IaMb	19 14 18.6	+0.2
MFID	comp=Z,6.2nm,1.0s		IaMb	IaMb	19 14 20.6	
PNTR	Pine Nut	71.58 55	P	P	19 14 18.1	-0.7
PNTR	comp=Z,9.8nm,1.3s		IaMb	IaMb	19 14 21.1	
CMB	Columbia Colle	71.64 56	P	P	19 14 19.4	+0.5
CMB	comp=Z,8.0nm,1.1s		pmax	pmax		
CMB	Columbia Colle	71.64 56	P	P	19 14 19.4	+0.5
CMB	comp=Z,7.9nm,1.1s		IaMb	IaMb	19 14 20.9	
YERR	Yerington	71.87 55	P	P	19 14 21.2	+0.7
GOF	Gofitskoye	71.98 313	eP	P	19 14 22.1	+1.3
GOF	comp=Z,2.7nm,1.0s		pmax	pmax		
WAKR	Walker	72.00 55	P	P	19 14 22.2	+1.0
HRY	Holter Researc	72.04 45	P	P	19 14 21.7	+0.5
LRM	Limekin Ridge	72.20 46	P	P	19 14 23.3	+0.9
BMN	Battle Mountai	72.37 52	P	P	19 14 23.4	0.0
BMN	comp=Z,10.0nm,1.2s		pmax	pmax		
BMN	Battle Mountai	72.37 52	P	P	19 14 23.4	0.0
BMN	comp=Z,10nm,1.2s		IaMb	IaMb	19 14 25.8	
DLMT	Dillon	72.38 46	P	P	19 14 24.1	+0.7
DLMT	comp=Z,8.2nm,0.8s		IaMb	IaMb	19 14 25.3	
RYN	Ryan	72.53 55	P	P	19 14 24.7	+0.4
MCMT	McKenzie Canyo	72.54 47	P	P	19 14 25.2	+0.8
KVN	Kaisererville	72.57 54	P	P	19 14 25.6	+0.9
KVN	comp=Z,7.0nm,1.1s		pmax	pmax		
KVN	Kaisererville	72.57 54	P	P	19 14 25.6	+0.9
KVN	comp=Z,7.4nm,1.1s		IaMb	IaMb	19 14 27.4	
OMMB	Old Mammoth Mi	72.78 56	P	P	19 14 27.0	+0.9
NVAR	Mina Array Bea	72.79 55	P	P	19 14 27.4	+1.4
NVAR	comp=Z,2.9nm,0.8s,baz=284,slow=6.0,SNR=16	72.79 55	P	P	19 14 26.4	+0.5
BOZ	Bozeman (W)	72.80 46	P	P	19 14 26.6	+0.7
BOZ	comp=Z,9.1nm,0.8s		pmax	pmax	19 14 26.6	+0.7
KIV	Kislovodsk	72.82 312	P	P	19 14 27.1	+1.2
KIV	comp=Z,18nm,1.1s		pmax	pmax		
KIV	Kislovodsk	72.82 312	P	P	19 14 27.1	+1.2
KIV	comp=Z,18nm,1.1s		pmax	pmax	19 14 27.1	+1.2
KBZ	Khabaz	72.83 312	P	P	19 14 26.7	+0.9
TBLG	Delisi	72.85 310	P	P	19 14 26.6	+0.6
TBLG	comp=Z,7.4nm,0.9s,baz=59,slow=0.8,SNR=14	72.85 310	P	P	19 14 26.6	+0.6
TBLG	Delisi	72.85 310	P	P	19 14 26.6	+0.6
TBLG	comp=Z,7.0nm,1.1s		IaMb	IaMb	19 14 35.0	
NV11	Mina Array Sit	72.88 55	P	P	19 14 27.3	+0.9
ELK	Earthquake Lak	73.36 46	P	P	19 14 30.3	+1.0
ELK	comp=Z,1.0nm,0.8s,baz=328,slow=4.7,SNR=4.1	73.36 46	P	P	19 14 30.0	+0.2
ELK	Elko	73.44 51	P	P	19 14 30.5	+0.7
ELK	comp=Z,4.0nm,1.3s		pmax	pmax		

25d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewha, KAKA Moumakai, RAGZ Rawiri, etc.

25d 19:07:23.1±1.8, 37:17N:144:93E, h0km, mb3.8/4, mb1 4.1/8, mb1mx3.7/53, mbtmp4.0/8, ML3.7/4, Error ellipse: s-maj=46.0km s-min=20.3km az=71.0

NEIC 25 19:07:24.0±2.2, 37:21N:0:06±145.1E:0.2, h12km, 5km, OF6/6

ISCJB 25 19:07:27.0±0.6, 37:39N:0:03±144:59E:0:05, h35km, mb3.9/4, Error ellipse: s-maj=6.2km s-min=4.6km az=26.2

JMA 25 19:07:30.4±0.2, 37:38N:144:40E, h57km, M4.4

ISC 25 19:07:29.2±1.0, 37:35N:0:06±144:68E:0:09, h35km, n45, c±236/61, mb4.2/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKM Kesenumamotoy, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 26.93 128 T, H11S3 WAKE ISLAND Hy 26.93 128 T, etc.

JMA 25 19:28:37.0±0.2, 37:18N:144:31E, h50km, M4.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JIKF Kawauchi, etc.

IDC 25 19:31:17.1±398.0, 22:14N:157:28W, h0km, Error ellipse: s-maj=202.9km s-min=61.6km az=148.0

Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IS9US HAWAII INFRASO, IS7US PINON FLAT INF, etc.

IDC 25 19:37:07.4±1.0, 37:15N:144:65E, h0km, mb3.4/5, mb1 3.8/7, mb1mx3.6/31, mbtmp3.5/7, ML2.7/2, Error ellipse: s-maj=29.7km s-min=25.0km az=150.0

ISCJB 25 19:37:12.0±0.8, 37:54N:0:05±143:53E:0:05, h33km, mb3.5/6, Error ellipse: s-maj=7.5km s-min=5.9km az=160.9

JMA 25 19:37:12.5±0.2, 37:38N:144:41E, h54km, M4.0

ISC 25 19:37:12.1±1.0, 37:46N:0:07±144:66E:0:07, h35km, n25, c±156/35, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKM Kesenumamotoy, etc.

JMA 25 19:47:09.9±0.3, 32:25N:137:30E, h484km, M3.5

IDC 25 19:47:20.0±0.9, 33:69N:138:07E, h500km, 32km, mb2.7/3, mb1 3.0/4, mb1mx2.5/35, mbtmp3.5/4, Error ellipse: s-maj=190.5km s-min=22.2km az=108.0

ISC 25 19:47:09.2±1.8, 32:62N:0:2±137:6E:0:1, h500km, n21, c±294/25, mb3.0/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TTO1 TONANKAI O.B.S, TTO2 TONANKAI O.B.S, etc.

1318

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYTA Yamagatanai, JWA Wachi, BSO3 Boso 3, etc.

JMA 25 19:47:19.3±0.2, 37:30N:144:60E, h37km, M4.1, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKM Kesenumamotoy, etc.

IDC 25 19:54:38.5±1.4, 37:10N:144:90E, h0km, mb3.3/3, mb1 3.7/6, mb1mx3.4/53, mbtmp3.6/6, ML3.5/3, Error ellipse: s-maj=36.0km s-min=24.8km az=105.0

ISCJB 25 19:54:41.1±0.8, 37:23N:0:05±144:52E:0:06, h26km, mb3.5/3, Error ellipse: s-maj=7.5km s-min=6.5km az=1.5

JMA 25 19:54:44.7±0.2, 37:24N:144:34E, h48km, M3.9

ISC 25 19:54:42.3±1.2, 37:22N:0:06±144:41E:0:08, h26km, n23, c±269/35, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKM Kesenumamotoy, etc.

IDC 25 20:08:12.3±1.3, 37:00N:144:78E, h0km, mb3.7/4, mb1 3.9/7, mb1mx3.6/38, mbtmp3.9/7, ML3.4/3, Error ellipse: s-maj=38.5km s-min=21.0km az=95.0

ISCJB 25 20:08:15.0±0.7, 37:15N:0:04±144:47E:0:05, h26km, mb3.9/4, Error ellipse: s-maj=3.4km s-min=3.3km az=11.0

JMA 25 20:08:19.0±0.3, 37:19N:144:28E, h41km, M3.8

ISC 25 20:08:17.0±1.4, 37:19N:0:06±144:5E:0:1, h26km, n27, c±193/35, mb3.8/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKM Kesenumamotoy, etc.

25d 21h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDAR Pinedale Array, AKASG Malin Array, PV17 East Wray Mesa, etc.

ISOCBJ 25 20:24:06.9.0.6.38:25N.0:03:14:194E.0:06, h63km, 4km, mb3.8/13, Error ellipse: s-maj=8.6km s-min=4.6km az=19.4

NEIC 25 20:24:08.1.2.0.38:26N.0:06:14:210E.0:1, h57km, 8km, mb4.1/10

JMA 25 20:24:08.9.38:27N:141:81E, h58km, 1km, M3.9 JMA Fell II J1

IDC 25 20:24:11.2.2.5.38:19N:141:66E, h85km, 23km, mb3.5/13, mb1.3/7.17, mb1mx3.5/5.4, mbtmp3.8/17, Error ellipse: s-maj=23.3km s-min=15.2km az=83.0

ISC 25 20:24:07.9.1.0.38:27N.0:04:14:349E.0:07, h54km, 8km, n170, r=164/81, mb3.8/17, Near east coast of eastern Honshu

Main station list table for the 25d 21h period, listing stations like JIKH, JIKJ, JIO, etc., with their respective coordinates and phases.

2013 OCT

Table listing stations like WHZ Wether Hill, WKZ Wanaka, EAZ Earnscleugh, etc., with their coordinates and phases.

ISOCBJ 25 20:34:19.7.0.2.6:68S:0:03:127:14E:0:03, h400km, mb4.0/17, Error ellipse: s-maj=4.3km s-min=3.9km az=13.6

NEIC 25 20:34:21.6.1.8.6:67S:0:07:127:09E:0:07, h407km, 7km, mb4.5/30

IDC 25 20:34:21.9.1.0.6:73S:127:06E, h411km, 12km, mb3.6/11, mb1.3/8.19, mb1mx3.5/7.38, mbtmp4.5/19, Error ellipse: s-maj=13.2km s-min=7.9km az=77.0

DJA 25 20:34:22.6.0.2.7.5:2.12:75.1, h406km, 3km, M4.5/27, mb5.0/7.7, mb4.6/2.7, MLV4.7/13, MW(MB)4.4/7

ISC 25 20:34:21.0.0.3.6:72S:0:04:127:13E:0:05, h400km, n118, r=156/131, mb4.3/28, ID, Banda Sea

Main station list table for the 2013 OCT period, listing stations like NLAI Namlea, SNOI Sandanaira, SOEI Soe, etc., with their coordinates and phases.

1320

Table listing stations like TOO comp=Z,24nm,1.1s, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc., with their coordinates and phases.

JMA 25 20:39:03.8.0.2.37:25N:144:62E, h57km, M3.5, Off east coast of Honshu

Table listing stations like JIKH Ishinomakikobu, JIKJ Ouri, JIO Ouri, etc., for the JMA 25 20:39:03.8.0.2 event.

JMA 25 20:40:21.0.0.2.37:19N:144:36E, h48km, M4.1, Off east coast of Honshu

Table listing stations like JIKH Ishinomakikobu, JIKJ Ouri, JIO Ouri, etc., for the JMA 25 20:40:21.0.0.2 event.

JMA 25 21:07:16.9.0.2.37:32N:144:34E, h47km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IJHK Ishinomakikobu, JIKH Ouri, JKMT Kesennumototy, etc.

ISK 25 21:08:17.9, 42.37N, 140.94E, h12km, ML2.2/3
NORS 25 21:08:18.9, 42.48N, 141.34E, h5km, MPVA3.0
MOS 25 21:08:19.0, 42.50N, 141.10E, h7km, MPVA2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATM Batumi, CHOM Cayelli-Rize, ARTV Artvin, etc.

ISC 25 21:23:42.7, 0.7, 37.03N, 144.65E, h0km, mb3.7/13.
mb1.4/0.19, mb1.1mx3.9/4.1, mbmp3.9/19, ML3.5/6, Error ellipse: s-maj=18.8km s-min=16.5km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUSR Guserip, ONI Oni, SHAI Shadhatmaz, etc.

JMA 25 21:23:47.0, 2.0, 37.24N, 144.37E, h50km, M4.2
ISC 25 21:23:48.6, 0.7, 37.03N, 144.48E, 0.07, h35km, n40, e197/51, mb3.7/13, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IJHK Ishinomakikobu, JKMT Kesennumototy, JIKH Ouri, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Ashik Springs, YKA Yellowknife Arr, NVAR Mina Array Bea, etc.

NIED 25 21:27:00.37, 20N, 144.50E, h35km, Mw5.4 Best double couple: M1.320000, 1017 N1.206, 000000, 332.000000, 7-82.000000, NP2.0, 16.000000, 858.000000, 95.000000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA Feli II J7, GCMT 25 21:27:38.7, 0.5, 37.21N, 144.69E, 0.04, h34km, etc.

ISC 25 21:27:36.9, 0.9, 37.19N, 144.67E, 0.03, h23km, gkm, n1119, e134/117, mb5.5/22, MS5.2/74, 61C-37D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IJHK Ishinomakikobu, JIKH Ouri, JKMT Kesennumototy, etc.

JMA 25 21:23:47.0, 2.0, 37.24N, 144.37E, h50km, M4.2
ISC 25 21:23:48.6, 0.7, 37.03N, 144.48E, 0.07, h35km, n40, e197/51, mb3.7/13, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IJHK Ishinomakikobu, JKMT Kesennumototy, JIKH Ouri, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ, T001, J1NC, etc.

comp=E, 75nm, 0.3s, baz=192, slow=12, SNR=204
comp=E, 83nm, 0.3s, baz=109, slow=27, SNR=5.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHS Sailyo, YSS Yuzh-Sakhalin, YSS, etc.

comp=Z, 155nm, 0.3s, baz=260, slow=25, SNR=7.7
VLA Vladivostok 11.43 305 /P Pmax pmax

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSHR Mys Shultsa, USA08 Ussuriysk Arra, etc.

comp=N, 5.5nm, 0.3s, baz=114, slow=12, SNR=100
comp=N, 1.1nm, 18.9s, baz=118, slow=37

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USA08 Ussuriysk Arra, USKR Ussuriysk Arr, etc.

comp=N, 0.1nm, 0.3s, baz=54, slow=13, SNR=5.4
KSAR Wonju Array Be 13.36 276 /P Pn 21 30 45.1 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USA08 Ussuriysk Arra, USKR Ussuriysk Arr, etc.

comp=N, 2.1nm, 0.3s, baz=132, slow=12, SNR=61
KLR Kul'dur 15.26 326 Pn Pn 21 31 10.5 -0.3

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

25d 21h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like NC204, TPNV, and various array stations.

2013 OCT

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like KEMA, O20A, GLA, and various array stations.

1324

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like OKC, TUC, LTVH, and various array stations.

1325

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PBCC Pribram, CSKK Cskako, 121A Cookies Peak, etc.

2013 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ABTA Abfaltersbach, CEY Cetica, L40A Anomasa, etc.

25d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ALGO Algonquin Park, P43A Skaggs, Pawnee, D55A Saints-Anne-du, etc.

25d 21h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P48A Milroy, F60A Warwick, N50A Nevada, etc.

2013 OCT

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M56A Emporium, L57A Andrews Acres, G64A Maxfield, etc.

1326

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Z50A Ashland, T57A Hurl, V55A Taylorsville, etc.

IDC 25 21:31:49.7, 3.3, 16455x173.07W, h0km, mb3.8/3, mb1.4/2.3, mb1mx3.9/30, mbtmp3.8/3, Error ellipse: s-maj=184.8km s-min=35.5km az=147.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ASAR Alice Springs, PDAR Pedale Array, ILAR Eielson Array, etc.

TAP 25 21:32:47.8, 23.14N:120.87E, h6km, 1km, ML1.4, 1C, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like STYT Tauyuan, ELDTV Lidau, ELDTW Lidau, etc.

MOS 25 21:51:54.0, 0.9, 56:28S:27:45W, h83km, mb5.1/12, Error ellipse: s-maj=18.9km s-min=10.9km az=108.0

ISCJB 25 21:51:56.6, 0.2, 56:27S:27:41W, h121km, mb5.2/32, Error ellipse: s-maj=5.9km s-min=3.0km az=147.3

NEIC 25 21:51:57.9, 1.3, 56:26S:07:26W, h109km, 4km, mb5.3/67

BUI 25 21:51:59.0, 0.0, 56:30S:27:60W, h114km, mb5.5/8

IDC 25 21:51:59.3, 1.0, 56:27S:27:41W, h121km, 8km, mb5.0/23, mb1.5/0.25, mb1mx5.0/27, mbtmp5.4/25, MS4.7/17, Ms1.4/7.17, ms1mx4.7/18, Error ellipse: s-maj=11.4km s-min=9.3km az=35.0

GCMT 25 21:52:00.9, 0.2, 56:38S:01:27, 19W, 0.02, h102km, 2km, h145.8/124, Moment tensor Solution: S59, C78, P124, c240, Duration: 159, Moment tensor: Scale 1017 Nm; Mw: 2.22; Ms: 1.61; Ms1: 1.81; Mw: 3.86; Ms2: Mw-4.60; Ms: Mw-1.81; Mw: 1.81; Mw: 1.45; 09: Best double couple: Ms: 67600.0/1017 NP1: 0.233.00000, 0.863.00000, 0.142.00000. NP2: 0.343.00000, 0.557.00000, 0.333.00000. Principal axes: T: 6.9320, Plg45.0000, Azm196.0000; N: -2.5230, Plg45.0000, Azm24.0000; P: -4.4190, Plg4.0000, Azm290.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 25 21:51:58.0, 0.2, 56:32S:05:27, 41W, 0.06, h112km, mb7.1/18, 462, mb5.3/73, 6C-2D, South Sandwich Islands region

25d 22h

Table with columns for station name, frequency, power, and status. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, TXAR Lajitars Array, etc.

2013 OCT

Table with columns for station name, frequency, power, and status. Includes stations like ODAN Odare, M04C Macdoel, M02C Callahan, etc.

1328

Table with columns for station name, frequency, power, and status. Includes stations like XAN X'i'an, WHN Wuhan, C36M Paululak, etc.

1328 22:12:12.16:6.5.4.36:96N:144:71E, h0km, mb3.9/3, mb1.4/0.5, mb1mx3.5/56, mbtrmp3.9/5, ML2.8/2, Error ellipse: s-maj=93.1km s-min=54.1km az=109.0

ISCJB 25:12:20.0:3:1.0, 37.070N:0.06:144:35E:1.06, h26km, mb3.8/3, Error ellipse: s-maj=9.2km s-min=6.7km

JMA 25:12:22.1:21.3:1.7, 37.020N:144:31E, h53km, M4.0

ISC 25:12:21.3:1.7, 37.140N:108:144.5E:0.1, h26km, n27, @191/35, mb3.8/3, Off east coast of Honshu

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, etc.

ISCJB 25:12:21.4:6.0:3.3:81N:0.02:35:56E:0.05, h4km, 4km, Error ellipse: s-maj=6.6km s-min=3.9km az=0.6

GRAL 25:12:21.4:6.0:3.3:80N:35:55E, h10km, 1km, MD2.9

GII 25:12:21.4:6.0:3.3:75N:35:57E, h1km, MD0.8/1

25d 23h

Table of astronomical observations for 25d 23h, listing station names, coordinates, and observation times.

2013 OCT

Main table of astronomical observations for 2013 OCT, including station names, coordinates, and observation times.

1330

Table of astronomical observations for 1330, listing station names, coordinates, and observation times.

1331

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OBKA, SOKA, BEHE, etc.

2013 OCT

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZAPS, KHC, BOSS, etc.

25d 23h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PUK, OHR, BCI, etc.

26d 0h

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

JMA 25 23:35:45.9±0.2, 37.60N:144.48E, h38km, M3.4
ISC 25 23:35:45.2±1.9, 37.5N:0.1:144.6E±0.1, h35km, n10,

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

IDC 25 23:36:18.8±6.2, 32.21N:142.45E, h0km, mb3.5/4,
mb1 3.7/5, mb1mx3.4/48, mbtmp3.5/5, ML2.6/1, Error

JMA 25 23:36:41.0±1.1, 35.48N:141.37E, h19km, M2.9
ISC 25 23:36:41.4±1.9, 35.44N:0.06:141.3E±0.1, h10km, n10,

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

ISK 25 23:44:59.9, 41.45N:44.06E, h6km, ML3.4/8
NORS 25 23:44:59.3±0.0, 41.48N:44.05E, h3km, MPVA4.4

DDA 25 23:44:59.9, 41.40N:44.07E, h7km, 3km, ML3.6
TIF 25 23:44:59.7, 41.44N:44.07E, h9km, 1km

MOS 25 23:45:00.5±1.0, 41.38N:44.03E, h9km, mb3.8/1, Error
ellip: s-maj=5.7km s-min=4.0km az=80.7

NSSP 25 23:45:00.3±1.42N:44.08E, h12km, Ms3.4
AZER 25 23:45:01.6±0.3, 41.42N:44.40E, h2km±2km, ml3.6/27,

Error ellipse: s-maj=3.1km s-min=2.1km az=13.0
ISC 25 23:45:00.6±1.0, 41.41N:0.01:44.06E±0.01, h3km±8km,

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

BTNK Botanikuri 0.60 63 P Pg 23 45 12.7 +0.4
BTNK Botanikuri 0.60 63 ePg P 23 45 12.8 +0.6

DGRG David-gareji 0.97 87 P Pg 23 45 19.2 -0.1
DGRG David-gareji 0.97 87 PG P 23 45 19.2 -0.1

DGRG David-gareji 0.97 87 P Pg 23 45 19.2 -0.1
DGRG David-gareji 0.97 87 ePg P 23 45 19.2 -0.1

DGRG David-gareji 0.97 87 P Pg 23 45 19.2 -0.1
DGRG David-gareji 0.97 87 P Pg 23 45 19.2 -0.1

2013 OCT

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARS, ARUZ, DIGO, KAPZ, etc.

ZEI ZEI 1.38 355 I Pg Pn 23 45 26.1 -0.9
ZEI ZEI 1.42 6 I PG Sg 23 45 26.7 -0.9

LACR LACR 1.42 6 I PG Pn 23 45 26.6 -0.9
LACR LACR 1.42 6 I PG Sg 23 45 26.7 -0.9

TASB TASB 1.43 175 PN Pn 23 45 27.1 -0.5
GDB GDB 1.44 118 P S 23 45 25.8 -2.1

DIGR DIGR 1.53 346 I PG Sg 23 45 28.9 -0.9
DIGR DIGR 1.53 346 I PG Sg 23 45 28.9 -0.9

DIGR DIGR 1.53 346 I PG Sg 23 45 28.9 -0.9
DIFL DIFL 1.53 88 P S 23 45 55.7 +0.7

SENK SENK 1.56 238 PN Pn 23 45 28.8 -0.7
ARTV ARTV 1.64 263 I P 23 45 31.2 -0.5

KORR KORR 1.67 360 I PN Pn 23 45 32.4 -0.3
KORR KORR 1.67 360 I PN Pn 23 45 32.4 -0.3

KORR KORR 1.67 360 I PG Pn 23 45 32.4 -0.3
LGD LGD 1.68 75 P S 23 45 55.0 -0.6

LGD LGD 1.68 75 P S 23 45 55.0 -0.6
VLKR VLKR 1.69 15 I PG Pn 23 45 57.0 +2.0

KMGR KMGR 1.74 19 I PN Pn 23 45 59.0 +2.4
KMGR KMGR 1.74 19 I PG Pn 23 45 59.0 +2.4

ARNR ARNR 1.77 50 ePN Pn 23 45 34.4 -0.2
ARNR ARNR 1.77 50 I PG Pn 23 45 34.4 -0.2

VADZ VADZ 1.77 134 I eS Sg 23 45 59.8 +2.2
VADZ VADZ 1.77 134 I eS Sg 23 45 59.8 +2.2

HYR HYR 1.79 161 P S 23 45 33.7 -0.4
HYR HYR 1.79 161 P S 23 45 33.7 -0.4

BATM BATM 1.80 277 P S 23 45 56.9 -0.4
BATM BATM 1.80 277 PN S 23 45 56.9 -0.4

BATM BATM 1.80 277 PN S 23 45 56.9 -0.4
BATM BATM 1.80 277 I Pn 23 45 33.7 -0.6

GNBR GNBR 1.82 289 I S Sg 23 45 33.7 -0.6
DDEM DDEM 1.83 254 I P Pn 23 45 34.7 -0.2

GANJ GANJ 1.86 114 PN Pn 23 45 32.9 -0.6
GANJ GANJ 1.86 114 P S 23 45 57.5 -0.1

LSNR LSNR 1.87 354 ePN Pn 23 45 35.0 -0.5
LSNR LSNR 1.87 354 I PG Pn 23 45 35.2 -0.3

ZKTA ZKATA 1.92 82 P S 23 46 01.9 +1.1
ZKTA ZKATA 1.92 82 P S 23 46 01.9 +1.1

1332

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

NAX NAX 2.52 48 S Sb 23 46 18.4 +1.3
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

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DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5
DLMR DLMR 2.52 48 ePN S 23 46 46.0 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dehra Dun, Joshihmat, New Delhi, Kabul, Garm, Chuyangaron, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MORW Morawa, TOLK Tolk, MLY Manley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBI Tubuai, MEH Mehetia, VAIH Vaihoh, etc.

DDA 26 00:28:02.9, 35:97N, 28:75E, h8km, 6km, ML2.9
ISCJZ 26 00:28:03.8, 0.8, 35:97N, 0:04:28:65E, 0.03, h12km, 5km,
Error ellipse: s-maj=7.2km s-min=4.0km az=168.8

Code Station Name Az AzZ Phase ID Time Res ISC
AKUT Akutan 2.74 32Z Op ISC h m s ISC
AKUT Akutan 2.74 32Z Op ISC h m s ISC

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like Longmire, Liberty, Lebanon, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like Isabella, Lake, Fox Creek, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like PLOA, PLOA, PLOA, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Tarama, Jialong, MATB, etc.

Code Station Name Time Res
JDK 2601:40:32.2,3.5,5.432S:131.12E, h0km, mb4.1/1, mb1.3/4, mb1mx3.4/34, mbtmp3.5/4, Error ellipse: s-maj=250.4km s-min=30.2km, Banda Sea

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Sorong, Warrung Arr, etc.

JDK 2601:44:15.6:1.4, 17.21N:95.80E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/34, mbtmp3.5/4, Error ellipse: s-maj=23.9km s-min=18.9km az=17.0, Myanmar

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Chiang Mai Arr, etc.

JDK 2601:54:23.8:0.9, 36.85N:144.54E, h0km, mb3.7/7, mb1.4/0.9, mb1mx3.7/40, mbtmp3.7/9, ML2.7/2, Error ellipse: s-maj=23.5km s-min=21.8km az=150.0

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Ishinomakikobu, etc.

JDK 2601:54:28.1:0.9, 37.07N:108.144:37E:0.07, h26km, n36, e127/33, mb3.9/9, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Otama, Ohasama, Ryogami san, etc.

IDC 26 02:01:13.5:2.8, 36.76N:144.65E, h0km, mb3.9/3, mb1.3/9.4, mb1mx3.5/38, mbtmp3.8/4, ML2.7/1, Error ellipse: s-maj=77.1km s-min=31.6km az=63.0

JMA 26 02:01:18.6:0.3, 37.04N:144.31E, h56km, M3.5, IS 26 02:01:17.3:1.5, 37.02N:144.54E:0.1, h26km, n19, e157/17, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Ishinomakikobu, etc.

IDC 26 02:02:05.2:2.4, 27.91N:100.74E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.4/46, mbtmp3.7/5, ML4.4/1, Error ellipse: s-maj=73.6km s-min=25.4km az=92.0

JDK 26 02:02:11.9:1.6, 28.07N:109.100E:0.5, h35km, n6, e088/6, mb3.6/3, Sichuan

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Chiang Mai, etc.

BUI 26 02:07:57.8:0.0, 37.17N:145.14E, h8km, mb4.6/2.8, mb5.0/14, Ms4.3/10, Ms7.4/0/1/1

NIED 26 02:08:00.37:30N:144.40E, h5km, Mw4.5, Best double couple: M6.56000:1015 NP1:359.00000, 232.00000, 1:98.00000, NP2:359.188.00000, 367.00000

IDC 26 02:08:01.3:0.6, 37.09N:144.67E, h0km, mb4.2/2.4, mb1.4/2.8, mb1mx3.4/34, mbtmp3.2/8, ML4.4/3, MS3.4/17, Ms1.3/5.17, ms1mx3.3/37, Error ellipse: s-maj=15.2km s-min=13.7km az=132.0

JMA 26 02:08:05.8:0.2, 37.26N:144.40E, h57km, M4.6, IS 26 02:08:05.4:0.3, 37.38N:144.42E:0.03, h26km, mb4.3/34, MS3.6/13, Error ellipse: s-maj=5.2km s-min=3.2km az=175.5

NEIC 26 02:08:06.8:1.4, 37.07N:108.144:37E:0.1, h34km, 5km, mb4.6/95

IDC 26 02:08:05.5:0.5, 37.20N:105.144:64E:0.06, h26km, n183, e25/164, mb4.6/66, MS3.6/13, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Kurk Kurchatov, etc.

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Otama, Boso 1, etc.

IDC 26 02:02:05.2:2.4, 27.91N:100.74E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.4/46, mbtmp3.7/5, ML4.4/1, Error ellipse: s-maj=73.6km s-min=25.4km az=92.0

JDK 26 02:02:11.9:1.6, 28.07N:109.100E:0.5, h35km, n6, e088/6, mb3.6/3, Sichuan

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Guam, etc.

IDC 26 02:02:05.2:2.4, 27.91N:100.74E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.4/46, mbtmp3.7/5, ML4.4/1, Error ellipse: s-maj=73.6km s-min=25.4km az=92.0

JDK 26 02:02:11.9:1.6, 28.07N:109.100E:0.5, h35km, n6, e088/6, mb3.6/3, Sichuan

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Chiang Mai, etc.

BUI 26 02:07:57.8:0.0, 37.17N:145.14E, h8km, mb4.6/2.8, mb5.0/14, Ms4.3/10, Ms7.4/0/1/1

NIED 26 02:08:00.37:30N:144.40E, h5km, Mw4.5, Best double couple: M6.56000:1015 NP1:359.00000, 232.00000, 1:98.00000, NP2:359.188.00000, 367.00000

IDC 26 02:08:01.3:0.6, 37.09N:144.67E, h0km, mb4.2/2.4, mb1.4/2.8, mb1mx3.4/34, mbtmp3.2/8, ML4.4/3, MS3.4/17, Ms1.3/5.17, ms1mx3.3/37, Error ellipse: s-maj=15.2km s-min=13.7km az=132.0

JMA 26 02:08:05.8:0.2, 37.26N:144.40E, h57km, M4.6, IS 26 02:08:05.4:0.3, 37.38N:144.42E:0.03, h26km, mb4.3/34, MS3.6/13, Error ellipse: s-maj=5.2km s-min=3.2km az=175.5

NEIC 26 02:08:06.8:1.4, 37.07N:108.144:37E:0.1, h34km, 5km, mb4.6/95

IDC 26 02:08:05.5:0.5, 37.20N:105.144:64E:0.06, h26km, n183, e25/164, mb4.6/66, MS3.6/13, Off east coast of Honshu

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Kurk Kurchatov, etc.

Table of astronomical observations for 26d 3h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2013 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 1338, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W39A Magazine, W39A Magazine, U40A Yellville, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOMA Goltarmara-Man, AYDB Zeytinok-Aydi, GMLD Gumuldur, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUN Gumba, JIRN Jiri, KAKANI Kakani, etc.

GUC 26 03:04:49.1±0.6, 21.96S, 68.86W, h113km, 4km, ML3.1

ISCJB 26 03:04:50.5±0.8, 21.95S, 0.04:66.75W, 0.08, h102km, 6km, Error ellipse: s-maj=11.8km s-min=6.0km az=175.6

SJA 26 03:04:50.2±1.1, 22.02S, 68.69W, h96km, 8km, ML2.9, Mw3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DURS Dursunbey, SHAP Saphane-Kutahy, PSRA Psara, etc.

IDC 26 03:17:40.7±1.3, 33.46N, 76.64E, h0km, mb3.6/6

mb1 3.7/8, mb1mx3.4/4.3, mbtmp3.5/8, ML3.2/2, MS4.2/1, Ms1 4.2/1, ms1mx2.6/3.2, Error ellipse: s-maj=31.4km s-min=24.9km az=66.0

ISCJB 26 03:17:44.2±1.0, 33.59N, 0.09:76.7E, 0.2, h31km, mb3.6/5, MS4.2/1, Error ellipse: s-maj=19.8km s-min=12.4km az=11.5

ISC 26 03:17:45.7±1.3, 33.55N, 0.1:76.7E, 0.2, h31km, n11, c087/11, mb3.5/5, 3C-1D, Kashmir-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, etc.

ATH 26 03:09:12.3, 38.33N, 27.63E, h20km, 1km, ML3.3/4, Error ellipse: s-maj=2.8km s-min=1.3km az=262.0

DMN 26 03:17:25.5±0.2, 29.04N, 86.66E, h2km, M4.5/10, Error ellipse: s-maj=3.4km s-min=1.6km az=22.0

IDC 26 03:17:25.3±1.1, 29.14N, 86.50E, h0km, mb3.6/6, mb1 4.0/8, mb1mx3.6/4.6, mbtmp3.8/8, ML3.6/1, MS3.0/1,

IDC 26 03:24:26.6±1.0, 23.18S, 70.65W, h0km, mb3.5/4,

26d 5h

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mb1 3.8/6, mb1mx3.6/25, mbtmp3.5/6, ML3.3/2, MS2.9/1, M3.1 1/1, ms1mx2.5/24, Error ellipse: s-maj=30.2km s-min=14.2km az=163.0

ISCJB 26 03:24:30.3-0.8, 23.015:0.03:70.74W, 0.05, h30km, 7km, mb3.5/4, Error ellipse: s-maj=8.2km s-min=4.3km az=13.4 SJA 26 03:24:30.4-0.7, 23.025:0.03:70.56W, h28km, 2km, ML3.8, MW3.6

NEIC 26 03:24:31.4-1.6, 22.985:0.04:70.63W, 0.09, h30km, 3km GUC 26 03:24:31.0-0.8, 23.015:0.03:70.61W, h38km, 2km, ML4.0, ISC 26 03:24:31.0-1.2, 22.995:0.03:70.62W, 0.06, h26km, 9km, n49, c0598.6w, mb3.6/4, 2D, Near coast of northern Chile

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

JMA 26 03:50:52.7-0.2, 37.36N-144.49E, h57km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the JMA 26 03:50:52.7-0.2 event.

JMA 26 04:03:09.8-0.2, 37.28N-144.35E, h51km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the JMA 26 04:03:09.8-0.2 event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the OFUJ Ofunato event.

IDC 26 04:35:57.8-4.2, 6.27N-123.25E, h633km, 58km, mb3.3/7, s-maj=102.7km s-min=18.7km az=63.0, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the IDC 26 04:35:57.8-4.2 event.

NIED 26 05:18:00, 37.20N-144.60E, h5km, Mw4.2 Best double couple: Ma2.10000x1015 NP1.8x183.00000, s35.00000, lambda.118.00000. NP2.6x36.00000, 360.00000, lambda.72.00000

IDC 26 05:18:38.6-0.7, 37.04N-144.89E, h0km, mb4.2/19, mb1 4.4/25, mb1mx3.4/51, mbtmp4.2/25, ML3.9/5, MS3.4/17, M3.1 3.4/17, ms1mx3.2/50, Error ellipse: s-maj=17.2km s-min=15.5km az=137.0

BUI 26 05:18:40.3-0.0, 37.33N-145.20E, h31km, mb4.7/39, mb5.0/25, Ms4.3/8, Ms7.4/1/8

ISCJB 26 05:18:42.9-0.2, 37.33N-144.61E, 0.02, h26km, mb4.5/7, MS3.5/14, Error ellipse: s-maj=5.2km s-min=2.7km az=177.7

MOS 26 05:18:43.9-1.0, 37.47N-144.67E, h31km, mb4.9/31, Error ellipse: s-maj=9.1km s-min=5.6km az=112.7

JMA 26 05:18:44.0-0.2, 37.22N-144.55E, h57km, M5.2 NEIC 26 05:18:45.9-1.8, 37.23N-144.8E, 0.1, h41km, 3km, mb4.6/59

ISC 26 05:18:43.7-0.5, 37.23N-144.74E, 0.06, h26km, m212, c1875/118, mb4.6/72, MS3.5/14, 8C-3D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the ISC 26 05:18:43.7-0.5 event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the KSRS Korea Array event.

comp=Z.200nm, 19.2s, baz=138, slow=38 comp=Z.0.2nm, 0.3s, baz=94, slow=13, SNR=7.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the KSAR Wonju Array event.

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the PETK Petropavlovsk event.

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

comp=Z.144nm, 19.0s, baz=134, slow=12, SNR=4.8

26d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FXWY, TPWA, KVN, NVAR, etc.

ISCJB 26 07:37:27.0 ± 0.6, 49.96N, 0103.78E, h0km, Error ellipse: s-maj=6.4km s-min=3.9km az=152.3

ASRS 26 07:37:29.4 ± 0.4, 50.12N, 107.99E, h0km, MLh3.4/4, smi.org.gfz-potsdam.de/geofon/LOCSAT earthModellID

ISC 26 07:37:28.6 ± 0.8, 50.04N, 104.77E, h0km, n20, r185/30, 10C-6D, Eastern Kazakhstan

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

ISC 26 08:04:33.7 ± 1.5, 0.69N, 122.75E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/43, mbtmp3.6/4, ML4.0/1, Error ellipse: s-maj=129.8km s-min=22.9km az=64.0

ISC 26 08:04:51.8 ± 1.4, 0.40N, 122.55E, h150km, n7, r270/7, mb3.4/3, Minahassa Peninsula, Sulawesi

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

SJA 26 08:12:03.9 ± 0.8, 28.77S, 67.52W, h136km, 4km, ML3.4, MW3.7

ISCJB 26 08:12:04.4 ± 0.3, 28.77S, 67.52W, h130km, mb3.1/2, Error ellipse: s-maj=8.8km s-min=4.5km az=26.7

ISC 26 08:12:05.3 ± 4.8, 28.64S, 67.57W, h130km, 3km, mb3.1/2, mb1 3.1/6, mb1mx3.0/23, mbtmp3.4/6, Error ellipse: s-maj=48.0km s-min=24.0km az=36.0

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ISC 26 08:12:04.9 ± 0.8, 28.72S, 67.54W, h130km, n33, r087/36, La Rioja Province

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

ISC 26 08:41:51.5 ± 1.9, 13.7N, 0190.85W, h0km, Error ellipse: s-maj=22.6km s-min=8.4km az=28.6

NET 26 08:41:51.9 ± 0.8, 13.74N, 90.94W, h46km, 32km, ML2.8

ISC 26 08:41:52.0 ± 2.7, 13.8N, 0290.8W, 011, h3km, n9, r048/12, Near coast of Guatemala

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

ISC 26 08:44:10.5 ± 5.5, 20.06S, 176.43W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.7/34, mbtmp3.9/2, Error ellipse: s-maj=316.6km s-min=62.7km az=152.0, Fiji Islands region

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

GCG 26 08:49:14.4 ± 0.5, 13.88N, 91.37W, h30km, 3km, MD3.7

MEX 26 08:49:14.8 ± 0.5, 13.70N, 91.61W, h35km, MD3.7

ISC 26 08:49:14.4 ± 3.0, 13.8N, 0291.42W, 007, h35km, n6, r068/8, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUG, STG3, IXG, etc.

ISCJB 26 08:51:38.0 ± 0.8, 37.4N, 0172.3E, h130km, Error ellipse: s-maj=29.2km s-min=4.6km az=146.1

NINC 26 08:51:39.7 ± 8.6, 37.63N, 71.45E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=66.6km s-min=60.8km az=133.0

ISC 26 08:51:37.1 ± 2.7, 37.3N, 0272.0E, h130km, n13, r1976/17, 3C-2D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, KK31, DHRM, etc.

ISCJB 26 08:56:14.1 ± 2.2, 33.78N, 0107.35E, h25km, 18km, Error ellipse: s-maj=19.9km s-min=8.4km az=152.9

GRAL 26 08:56:15.0 ± 0.3, 33.80N, 35.78E, h15km, 8km, MD2.7

1344

NSSC 26 08:56:15.3 ± 0.3, 33.72N, 35.68E, h15km, 1km, ML1.7

ISC 26 08:56:14.8 ± 1.2, 33.80N, 0104.3575E, h15km, 10km, n7, r049/12, Jordan-Syria region

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

IDC 26 08:56:27.5 ± 2.0, 2.55N, 126.14E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/49, mbtmp3.4/3, MS3.3/1, Ms1 3.3/1, ms1mx2.4/27, Error ellipse: s-maj=178.7km s-min=24.5km az=65.0, Northern Molucca Sea

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

ISC 26 09:28:33.0 ± 1.3, 0.1520S, 165.86E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/31, mbtmp3.8/4, ML3.9/1, Error ellipse: s-maj=225.8km s-min=36.5km az=56.0, Vanuatu Islands

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

ISCJB 26 09:33:12.0 ± 0.3, 38.38N, 0121.90E, h8km, 2km, mb3.6/4, Error ellipse: s-maj=2.6km s-min=2.2km az=43.6

ATH 26 09:33:11.7, 38.36N, 21.92E, h16km, 1km, ML3.3/19, Error ellipse: s-maj=1.1km s-min=0.5km az=286.0

IDC 26 09:33:11.2 ± 1.4, 38.45N, 22.02E, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.5/31, mbtmp3.6/6, ML2.9/1, MS2.9/1, Ms1 2.9/1, ms1mx2.2/34, Error ellipse: s-maj=41.4km s-min=22.5km az=150.0

THE 26 09:33:12.2, 38.38N, 21.90E, h3km, ML3.1/14, Error ellipse: s-maj=0.6km s-min=0.2km az=308.0

ISC 26 09:33:12.2 ± 0.8, 38.37N, 0121.91E, h9km, 4km, n94, r058/131, mb3.8/4, Greece

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

KALE 26 08:49:14.4 ± 0.5, 13.88N, 91.37W, h30km, 3km, MD3.7

KALE 26 08:49:14.8 ± 0.5, 13.70N, 91.61W, h35km, MD3.7

KALE 26 08:49:14.4 ± 3.0, 13.8N, 0291.42W, 007, h35km, n6, r068/8, 1C, Near coast of Guatemala

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

KALE 26 08:49:14.4 ± 0.5, 13.88N, 91.37W, h30km, 3km, MD3.7

KALE 26 08:49:14.8 ± 0.5, 13.70N, 91.61W, h35km, MD3.7

KALE 26 08:49:14.4 ± 3.0, 13.8N, 0291.42W, 007, h35km, n6, r068/8, 1C, Near coast of Guatemala

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

KALE 26 08:49:14.4 ± 0.5, 13.88N, 91.37W, h30km, 3km, MD3.7

KALE 26 08:49:14.8 ± 0.5, 13.70N, 91.61W, h35km, MD3.7

KALE 26 08:49:14.4 ± 3.0, 13.8N, 0291.42W, 007, h35km, n6, r068/8, 1C, Near coast of Guatemala

26d 11h

Table with columns: RMQ, Roma, 9.69 70 P, Pn, 10 34 33.0 +0.4, etc.

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

NAO 26 10:43:37.52.6.77.73Nk.8.26E, ML3.1 BER 26 10:43:38.3.3.4.77.67Nk.8.12E, h3km, 13km, ML2.5, etc.

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

IDC 26 11:02:10.7.2.2.37.08Nk.144.73E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/47, mbtmp3.6/5, ML3.3/2, Error ellipse: s-maj=57.9km s-min=27.0km az=74.0

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

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M 26 11:06:22.6.2.2.13.47Nk.92.33E, h18km, 12km, ML3.8, mb4.2(N)IC, etc.

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

IDC 26 11:06:20.2.0.6.14.22Nk.93.16E, h0km, mb3.9/14, mb1 4.0/15, mb1mx3.8/42, mbtmp3.9/15, ML4.2/1, MS2.6/1, etc.

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

1346

AYDN Tasuluk 0.62 184 i P Pb 11 19 19.2 +0.6, etc.

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

ISCJB 26 11:20:28.0.1.2.43.33Nk.0.09.87.5E.0.1, h10km, mb3.4/1, Error ellipse: s-maj=12.3km s-min=11.5km az=11.2

IDC 26 11:20:28.4.1.7.43.40Nk.88.00E, h0km, mb3.6/1, mb1 3.6/5, mb1mx3.3/56, mbtmp3.5/5, ML2.3/3, Error ellipse: s-maj=69.5km s-min=21.3km az=52.0

NNC 26 11:20:30.0.1.9.43.06Nk.87.24E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=13.4km s-min=10.3km az=121.0

ISC 26 11:20:29.1.5.43.23Nk.0.09.87.61E.0.10, h10km, n14, c180/118, 6C-7D, Northern Xinjiang

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

ISCJB 26 11:37:17.7.0.7.43.29Nk.0.04.74.65E.0.04, h0km, Error ellipse: s-maj=6.0km s-min=3.7km az=172.9

KNET 26 11:37:17.6.0.4.43.30Nk.71.70E, h0km, m1.4, Error ellipse: s-maj=2.8km s-min=1.4km az=24.0

NNC 26 11:37:18.3.1.3.43.19Nk.74.63E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=26.3km s-min=6.8km az=169.0

SOME 26 11:37:18.1.4.43.30Nk.74.72E, Error ellipse: s-maj=26.3km s-min=6.8km az=169.0

ISC 26 11:37:17.8.1.1.43.23Nk.0.05.74.64E.0.03, h0km, n11, c094/19, 9C-3D, Central Kazakhstan

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

IDC 26 11:06:20.2.0.6.14.22Nk.93.16E, h0km, mb3.9/14, mb1 4.0/15, mb1mx3.8/42, mbtmp3.9/15, ML4.2/1, MS2.6/1, etc.

1.7nm, 0.7s, baz=85, slow=30, SNR=4.7

NIED 26 11:37:00, 37.20N; 144.40E, h3km, Mw3.9 Best double couple: M=0.70000, 1014 NP1=0.00000, 825.00000, 7-84.00000. NP2=0.183.00000, 865.00000, 7-93.00000.
IDC 26 11:37:32.7, 0.9, 37.09N; 144.60E, h0km, mb3.6/5, mb1 3.6/8, mb1mx3.6/34, mbtmp3.6/6, ML3.1/3, MS3.2/6, Ms1 3.2/6, ms1mx2.7/41, Error ellipse: s-maj=29.7km s-min=19.7km az=109.0
ISCJB 26 11:37:36.7, 0.8, 37.36N; 0.05:144.58E; 0.05, h35km, mb3.6/5, MS3.3/4, Error ellipse: s-maj=7.7km s-min=5.4km az=147.9

JMA 26 11:37:38.7, 0.3, 37.24N; 144.38E, h42km, M3.8
ISC 26 11:37:37.9, 1.0, 37.29N; 0.07:144.58E; 0.07, h35km, n33, o1564/33, mb3.5/5, MS3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like IJHK, JIO, JJKM, OFUJ, etc.

SOF 26 11:44:19.7, 43.41N; 27.69E, h15km, MD2.7
ISCJB 26 11:44:20.0, 0.3, 43.37N; 0.03:27.66E; 0.03, h10km, Error ellipse: s-maj=4.4km s-min=2.8km az=140.3
BEO 26 11:44:24.2, 5.6, 43.85N; 27.62E, h54km, km, ML3.0/9
ISC 26 11:44:19.0, 0.8, 43.41N; 0.03:27.66E; 0.02, h10km, n54, o1577/66, 17C-17D, Bulgaria

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PRD, ROIA, PSN, KALB, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like VITosh, ZAPS, BOS, ZAGS, etc.

IDC 26 11:52:29.3, 0.9, 9.90N; 125.09E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/33, mbtmp3.8/7, MS2.9/4, Ms1 2.9/4, ms1mx2.6/48, Error ellipse: s-maj=56.7km s-min=18.8km az=79.0
ISCJB 26 11:52:31.3, 0.7, 9.90N; 0.04:125.43E; 0.06, h10km, mb3.8/7, MS2.2/2, Error ellipse: s-maj=9.1km s-min=5.8km az=159.7

MAN 26 11:52:34.6, 9.81N; 125.25E, h19km, MS3.3
MAN Intensity III - San Francisco Surigao del Norte; Intensity II - Surigao City; Intensity I - Sison Surigao del Norte
ISC 26 11:52:31.6, 0.7, 9.88N; 0.03:125.39E; 0.06, h10km, n24, o1955/25, mb3.9/7, 4C-2D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PLP, LPP, LLL, CGP, etc.

IDC 26 12:04:50.2, 1.6, 2.07N; 127.84E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.7/39, mbtmp4.1/6, ML4.4/1, Error ellipse: s-maj=53.1km s-min=24.3km az=67.0
ISCJB 26 12:05:01.9, 0.9, 1.85N; 0.08:127.38E; 0.08, h12km, mb4.0/4, Error ellipse: s-maj=12.8km s-min=8.7km az=42.2
DJA 26 12:05:06.0, 3.2, N3.3x12.7E, h10km, ML4.3/6, mb4.9/2, mb7.1/1, MLV4.0/6, Mw(Mb)7.0/1, Mwep7.4/1
ISC 26 12:05:04.2, 1.2, 1.78N; 0.10:127.38E; 0.1, h112km, n13, o2526/14, mb4.0/4, Halmahera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like TNTI, TMTI, SGTI, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like SJMP, DDMP, DDMP, WRA, etc.

INMG 26 12:26:28.0, 1.1, 32.33N; 7.92W, h10km, ML2.5, Error ellipse: s-maj=15.2km s-min=4.7km az=52.0
MDD 26 12:26:28.1, 3.0, 32.36N; 7.746W, h0km, mb3.5/4, Error ellipse: s-maj=42.9km s-min=25.4km az=90.0, PRKIMO, Morocco

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like PBVD, PBDV, PBDV, PVAQ, etc.

JMA 26 12:26:34.2, 0.3, 37.22N; 144.36E, h47km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like IJHK, JIO, JJKM, etc.

IDC 26 12:37:12.8, 0.8, 18.62N; 144.78E, h0km, mb3.9/11, mb1 4.1/12, mb1mx3.8/53, mbtmp3.9/12, ML2.8/1, MS3.3/14, Ms1 3.3/14, ms1mx3.1/40, Error ellipse: s-maj=29.9km s-min=16.1km az=81.0
ISCJB 26 12:37:16.2, 0.3, 18.62N; 0.05:144.67E; 0.09, h33km, mb3.9/11, MS3.3/11, Error ellipse: s-maj=12.6km s-min=6.7km az=163.1
NEIC 26 12:37:18.1, 1.3, 18.57N; 0.05:144.7E; 0.1, h33km, 6km, Mb4.2/17

ISC 26 12:37:18.1, 1.0, 18.58N; 0.09:144.7E; 0.1, h35km, n52, o0839/39, mb4.0/18, MS3.3/11, Mariana Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists stations like SAR, ANA, ANA, ANA, etc.

26d 13h

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

ISC/JB 26 12:41:49.5-0.9, 30.21N-0.09-69.83E-0.08, h12km, mb3.7/9, MS3.4/5, Error ellipse: s-maj=13.4km

min=8.9km az=30.8, IDC 26 12:41:49.8-1.4, 30.34N-70.01E, h0km, mb3.7/9, mb1.3/9.1, mb1mx3.6/5.0, mbtmp3.8/11, ML4.0/2, MS3.0/7, Ms1.3/0.7, ms1mx2.7/5.2, Error ellipse: s-maj=36.9km

s-min=18.6km az=64.0, NDI 26 12:41:51.3-1.4, 30.32N-69.62E, h10km, ML3.7, IDC 26 12:41:51.6-0.9, 30.22N-0.07-69.88E-0.07, h12km, n29, c=307/27, mb3.7/9, MS3.2/5, Pakistan

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

IDC 26 12:47:53.9-31.0, 16.09S-176.76W, h0km, mb3.9/4,

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mb1 4.0/4, mb1mx3.7/32, mbtmp3.9/4, Error ellipse: s-maj=601.4km s-min=142.2km az=84.0, Fiji Islands region

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

ISC/JB 26 12:50:59.7-0.7, 37.43N-0.06-78.56E-0.09, h10km, mb3.5/7, MS3.1/1, Error ellipse: s-maj=10.8km

s-min=8.0km az=178.2, IDC 26 12:50:59.5-0.8, 37.26N-78.54E, h0km, mb3.6/7, mb1.3/7.13, mb1mx3.5/32, mbtmp3.6/13, ML3.1/6, MS3.2/1, Ms1.3/2.1, ms1mx3.4/6, Error ellipse: s-maj=27.6km

s-min=14.2km az=60.0, BUJ 26 12:51:00.7-0.0, 37.51N-78.71E, h7km, ML3.4/6, NNC 26 12:51:10.5-2.9, 37.86N-80.16E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=34.2km s-min=19.8km az=78.0

ISC 26 12:51:01.4-0.9, 37.43N-0.07-78.57E-0.07, h10km, n23, c=216/27, mb3.5/7, 3C-4D, Southern Xinjiang

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

MAN 26 12:52:33.8, 9.96N-124.17E, h5km, MS3.5, 3C-1D, Mindanao

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

IDC 26 13:00:22.6-5.0, 20.49S-177.75W, h42km, 50km, mb2.7/3, mb1.3/1.4, mb1mx2.8/38, mbtmp3.7/4, Error ellipse: s-maj=39.1km s-min=19.9km az=92.0, Fiji Islands region

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

JMA 26 13:02:34.7-0.2, 37.23N-144.33E, h41km, M3.5, Off east coast of Honshu

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

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

JMA 26 13:07:34.4-0.3, 37.16N-144.46E, h44km, M3.5, Off east coast of Honshu

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

BUJ 26 13:17:18.3-0.0, 17.90S-178.60W, h514km, mb4.5/22, mb5.0/14

IDC 26 13:17:19.4-1.6, 17.84S-178.61W, h513km, 17km, mb4.1/27, mb1.4/2.29, mb1mx4.1/38, mbtmp4.9/29, Error ellipse: s-maj=11.1km s-min=8.9km az=99.0

ISC/JB 26 13:17:21.7-0.1, 17.95S-0.04-178.73W-0.04, h550km, mb4.5/32, Error ellipse: s-maj=6.1km s-min=3.5km az=138.8

NEIC 26 13:17:21.3-1.9, 17.80S-0.10-178.70W-0.1, h53km, 6km, mb4.6/18

ISC 26 13:17:22.4-0.3, 17.79S-0.06-178.67W-0.06, h550km, n384, c192/27/39, mb4.6/34, 37C-12D, Fiji Islands region

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

QRZ, QRZ, QRZ, etc.

CTA, CTA, CTA, etc.

PMG, PMG, PMG, etc.

PMG, PMG, PMG, etc.

STK, STK, STK, etc.

JAY, JAY, JAY, etc.

GENI, GENI, GENI, etc.

WRAB, WRAB, WRAB, etc.

WRA, WRA, WRA, etc.

WRA, WRA, WRA, etc.

WRA, WRA, WRA, etc.

ASAR, ASAR, ASAR, etc.

ASAR, ASAR, ASAR, etc.

SWI, SWI, SWI, etc.

FITZ, FITZ, FITZ, etc.

SOE, SOE, SOE, etc.

CASY	comp=Z,19nm,1.1s	I	Amb	I	Amb	13 27 16.7
MJAR	comp=Z,9.7nm,0.6s,baz=190,slow=6.0,SNR=49	67.66	323	P	P	13 27 25.5 +0.5
MJAR	comp=Z,9.7nm,0.6s,baz=190,slow=6.0,SNR=49	67.66	323	P	P	13 27 25.3 +0.3
MAT	Matsushiro	67.66	323	P	P	13 27 25.3 +0.3
JNU	Nakatsue	69.88	316	P	P	13 27 39.9 +1.4
ASAJ	Asahikawa	71.05	332	P	P	13 27 40.7 +1.9
QSPA	comp=Z,2.8nm,0.9s,baz=10,slow=0.9,SNR=81	72.27	180	P	P	13 27 52.7 +0.7
QSPA	South Pole Qui	72.27	180	P	P	13 27 52.7 +0.7
QSPA	comp=Z,2.8nm,0.9s,baz=10,slow=0.9,SNR=81	72.27	180	P	P	13 27 52.7 +0.7
PETK	Petropavlovsk	73.50	345	I	Amb	13 27 59.3 +0.4
PETK	Petropavlovsk	73.50	345	P	P	13 27 59.3 +0.4
PETK	Petropavlovsk	73.50	345	P	P	13 27 59.3 +0.4
PETK	Petropavlovsk	73.50	345	P	P	13 27 59.3 +0.4
USKR	USSuriysk Ar.	76.37	326	P	P	13 28 16.7 +1.4
PKM	Mpchsonev Peak	76.57	46	P	P	13 28 18.6 +1.7
SMMC	Simmler	76.68	46	P	P	13 28 19.2 +1.9
ARVC	Arvin	77.38	47	P	P	13 28 22.5 +1.5
109C	Camp Elliot, M	77.43	49	P	P	13 28 23.2 +1.9
YES	Vestal, Richr	77.59	46	P	P	13 28 23.0 +0.9
002D	Mt. Diablo Mer	77.62	40	P	P	13 28 24.2 +1.8
NJ2	Nanjing	77.67	310	eP	pmx	13 28 24.8 +2.2
OHAK	Old Harbor	77.67	14	I	Amb	13 28 23.0
MURC	Murrieta	77.73	49	P	P	13 28 24.1 +1.1
BFSC	Mount Baldy Ra	77.73	48	P	P	13 28 23.9 +0.8
EDW2	Edwards Air Fo	77.83	47	P	P	13 28 24.8 +1.2
ISA	Isabella, Lake	77.91	46	P	P	13 28 25.4 +1.4
ISA	Isabella, Lake	77.91	46	P	P	13 28 25.1 +1.1
CMB	Columbia Colle	77.92	43	P	P	13 28 24.7 +0.7
CMB	Columbia Colle	77.92	43	P	P	13 28 26.0
MONP2	Monument Peak	77.93	50	P	P	13 28 25.7 +1.4
MDJ	Mudanjiang	77.94	325	P	P	13 28 25.3 +1.4
WDC	Whiskeytown Da	78.01	40	P	P	13 28 25.1 +0.8
IKP	In-Ko-Pah, Jac	78.03	50	P	P	13 28 26.2 +1.4
AFDM	Forest Hills D	78.06	42	P	P	13 28 25.6 +1.0
N02D	Trinity Center	78.14	40	P	P	13 28 26.7 +1.6
PFO	Pinoy Flats O	78.27	49	P	P	13 28 27.1 +1.1
TPFO	Pinon Flats	78.27	49	P	P	13 28 27.3 +1.2
BBRC	Big Bear Solar	78.27	48	P	P	13 28 27.3 +1.2
M02C	Callahan	78.30	39	P	P	13 28 27.7 +1.8
003E	Paynes Creek	78.31	41	P	P	13 28 26.9 +0.9
K02E	Cave Junction	78.31	38	P	P	13 28 27.2 +1.3
LDAK	Kodiak Island	78.34	14	P	P	13 28 26.2 +0.5
KDAD	Kodiak Island	78.34	14	P	P	13 28 26.7
LRMC	Lurel Mnt Rad	78.36	47	P	P	13 28 27.6 +1.1
SWSC	Sam W. Stewart	78.41	50	P	P	13 28 28.1 +1.5
MDPB	Devils Postpil	78.56	44	P	P	13 28 27.8 +0.1
MDPB	Devils Postpil	78.56	44	P	P	13 28 29.9
YBH	Yreka Blue Hor	78.59	39	P	P	13 28 27.7 +0.2
YBH	Yreka Blue Hor	78.59	39	P	P	13 28 30.1
CWC	Cottonwood Crs	78.60	46	P	P	13 28 28.9 +1.1
K02D	Williamette Mer	78.60	38	P	P	13 28 29.1 +1.6
OMMB	Old Mammoth Mi	78.61	44	P	P	13 28 28.5 +0.5
RUBR	Rubicon Trail	78.64	43	P	P	13 28 28.9 +0.9
MLAC	Mammoth, Mammo	78.73	44	P	P	13 28 30.3 +1.8
BELC	Belle Mt Jose	78.79	49	P	P	13 28 30.1 +1.3
MPMC	Manual Propsc	78.80	46	P	P	13 28 30.3 +1.4
WAKR	Walker	78.81	43	I	Amb	13 28 30.9
TIN	Tinemaha, Big	78.82	45	P	P	13 28 30.5 +1.6
GSC	Goldstone, Bar	78.88	47	P	P	13 28 30.5 +1.3
HUMO	Hull Mountain	78.96	38	P	P	13 28 30.7 +1.3
BEKR	Beckworth	78.97	42	P	P	13 28 29.9 +0.2
HEC	Hector,Ludlow	79.07	48	P	P	13 28 30.7 +1.0
BC3	Big Chuckwack	79.01	49	P	P	13 28 31.3 +1.3
PNTR	Pine Nut	79.02	43	P	P	13 28 30.3 +0.3
VCNR	Virginia City	79.10	43	P	P	13 28 31.0 +0.6
L04D	Klamath Falls	79.12	39	P	P	13 28 31.6 +1.2
M04C	Macdoel	79.15	40	P	P	13 28 31.9 +1.4
GLA	Glamis	79.17	50	P	P	13 28 32.5 +1.8
GLA	Glamis	79.17	50	P	P	13 28 32.0 +1.3
YERR	Yerington	79.20	43	P	P	13 28 31.2 +0.3
YERR	Yerington	79.20	43	P	P	13 28 32.6
I03D	Drain, OR	79.39	37	P	P	13 28 32.5 +1.0
GMRD	Granite Mounta	79.43	48	P	P	13 28 33.3 +1.2
FURC	Furnace Creek,	79.45	46	P	P	13 28 33.5 +1.5
RYM	Ryan	79.47	44	P	P	13 28 32.1 -0.2
IRN	Iron Mountain	79.48	49	P	P	13 28 33.5 +1.2
PAHR	Pah Rah Range	79.50	42	P	P	13 28 32.0 -0.5
NVAR	Mina Array Bea	79.51	44	P	P	13 28 33.7 +1.1
NVAR	Mina Array Bea	79.51	44	P	P	13 28 33.7 +1.1
NVAR	Mina Array Bea	79.51	44	P	P	13 28 33.6 +0.9
SHOC	Shoshone, Teco	79.56	47	P	P	13 28 34.0 +1.3
TUQ	Turquois Mtn	79.57	48	P	P	13 28 34.1 +1.2
NV11	Mina Array Sit	79.61	44	P	P	13 28 33.7 +0.6
NV11	Mina Array Sit	79.61	44	P	P	13 28 35.4
Y12C	Blythe	79.73	50	P	P	13 28 35.2 +1.6
Y12C	Blythe	79.73	50	P	P	13 28 34.9 +1.3
CN2	Changchun	79.77	322	eP	pmx	13 28 35.0 +1.4
CN2	Changchun	79.77	322	eP	pmx	13 28 35.0 +1.4
113A	Mohawk Valley,	79.81	51	P	P	13 28 34.5 +0.4
J04D	Umpqua Nationa	79.84	38	P	P	13 28 35.6 +1.4
KLR	Kul'dur	79.88	30	P	P	13 28 35.5 +1.5
KVN	Kaiserville	79.98	44	P	P	13 28 35.3 +0.3
104A	Tender Farm,	79.98	38	P	P	13 28 35.6 +0.9

TPNV	Topopah Spring	80.12	46	P	P	13 28 37.0 +1.3
TPNV	Topopah Spring	80.12	46	P	P	13 28 36.5 +0.7
214A	Organ Pipe Nat	80.14	52	P	P	13 28 37.3 +1.5
MOD	Organ Pipe Nat	80.14	52	P	P	13 28 36.9 +1.1
MOD	Modoc Plateau	80.15	40	I	Amb	13 28 37.5
H04D	Lebanon	80.24	37	P	P	13 28 37.2 +1.2
PDMCI	Parker Dam,Lak	80.28	49	P	P	13 28 38.2 +1.7
WHN	Wuhan	80.33	306	eP	pmx	13 28 41.0 +4.2
G03D	McMinnville, O	80.35	36	P	P	13 28 38.1 +1.5
G03D	McMinnville, O	80.35	36	P	P	13 28 38.1 +1.5
BRLK	Fort Rock, OR	80.38	39	P	P	13 28 38.6 +1.6
BRLK	Bradley Lake	80.52	14	I	Amb	13 28 37.7
SHRP	Sheep Range	80.64	47	P	P	13 28 39.3 +0.8
H04A	Detroit Lake	80.65	37	P	P	13 28 38.5 +0.4
H04A	Detroit Lake	80.65	37	P	P	13 28 39.3
RSO	Redoubt South	80.74	13	P	P	13 28 36.8 -1.6
PINE	Pine Mountain	80.85	38	P	P	13 28 40.7 +1.2
PINE	Pine Mountain	80.85	38	P	P	13 28 41.5
I05D	Terrebonne, OR	80.94	38	P	P	13 28 40.9 +1.2
MA2	Magadan	81.01	345	P	P	13 28 39.5 -0.1
R11A	Troy Canyon, C	81.29	45	P	P	13 28 42.5 +0.7
B05D	Bent Mountain	81.29	43	I	Amb	13 28 43.5
G05D	Wamic, OR	81.47	37	P	P	13 28 43.5 +1.1
E04D	Cinebar	81.55	35	P	P	13 28 44.2 +1.5
F05D	White Salmon	81.77	36	P	P	13 28 45.1 +1.2
D04E	Lakebay	81.81	35	P	P	13 28 45.9 +1.9
TUC	Tucson	81.83	52	P	P	13 28 46.8 +2.3
TUC	Tucson	81.83	52	P	P	13 28 46.6 +2.0
D03D	Eldon	81.86	34	P	P	13 28 45.5 +1.2
D05A	Enunclaw	82.25	35	P	P	13 28 47.4 +1.2
D05A	Enunclaw	82.25	35	P	P	13 28 48.2 +1.7
X16A	Lo Mia Camp, P	82.30	50	P	P	13 28 48.4 +1.3
X16A	Lo Mia Camp, P	82.30	50	P	P	13 28 49.9
BBB	Bella Bella	82.33	29	P	P	13 28 47.4 +0.9
GLI	Glacier Island	82.40	15	P	P	13 28 46.3 -0.4
CCUT	Cedar City	82.41	47	P	P	13 28 48.8 +1.2
KNK	Knik Glacier	82.54	14	P	P	13 28 47.5 +0.1
KNK	Knik Glacier	82.54	14	P	P	13 28 48.4
PMR	Palmer	82.54	14	I	Amb	13 28 47.8
PSUT	Pine Spring	82.55	46	P	P	13 28 49.2 +0.9
U15A	North Rim	82.62	48	I	Amb	13 28 51.6
A04D	Lummi Island	82.78	34	P	P	13 28 50.1 +1.2
B05A	Bryant	82.83	34	P	P	13 28 50.2 +1.1
WUAZ	Wupatki	82.86	49	P	P	13 28 51.4 +1.6
WUAZ	Wupatki	82.86	49	P	P	13 28 50.2 +0.4
WUAZ	Wupatki	82.86	49	P	P	13 28 52.5
G08A	Pilot Rock	82.87	38	P	P	13 28 49.9 +0.4
G08A	Pilot Rock	82.87	38	P	P	13 28 51.1
C06D	Leavenworth	83.28	35	P	P	13 28 52.1 +0.6
SEY	Seymchan	83.60	347	P	P	13 28 53.0 +0.4
MFID	Camas Ranch	83.75	41	I	Amb	13 28 56.2
W18A	Petrified Fore	83.87	50	P	P	13 28 56.5 +1.6
MAW	Mawson	83.89	200	P	P	13 28 54.4 +0.3
DUG	Dugway, Tocele	84.07	45	P	P	13 28 56.6 +0.9
121A	Cookes Peak, D	84.20	53	P	P	13 28 58.7 +2.1
B08A	Collie Reser.	84.39	35	I	Amb	13 28 57.7
TCUT	Toone Canyon	85.45	44	P	P	13 29 03.5 +0.9
HDA	Harding Lake	85.50	13	P	P	13 29 01.6 -0.3
HDA	Harding Lake	85.50	13	I	Amb	13 29 04.7
DOT	Dot Lake	85.51	15	P	P	13 29 02.0 0.0
DOT	Dot Lake	85.51	15	P	P	13 29 03.1
NEW	Newport	85.56	36	P	P	13 29 02.9 +0.3
NEW	Newport	85.56	36	P	P	13 29 02.6 0.0
BCAR	Beaver Creek A	85.60	16	P	P	13 29 02.4 -0.1
IMAR	Indian Mountai	85.61	10	P	P	13 29 02.3 0.0
MVCO	Mesa Verde	85.69	49	P	P	13 29 05.1 +1.4
COLA	CIGO, UAF Yank	85.71	13	P	P	13 29 02.5 -0.3
COLA	College	85.71	13	P	P	13 29 02.4 -0.5
COLA	College	85.71	13	I	Amb	13 29 04.0
MXNT	Cornudas Mount	85.71	55	P	P	13 29 05.1 +1.4
IL31	Eielson Array	85.83	13	P	P	13 29 03.8
ILAR	Eielson Array	85.83	13	P	P	13 29 02.4 -0.7
XAN	Xian	85.89	307	P	pmx	13 29 06.8 +1.8
XAN	Xian	85.89	307	P	pmx	13 29 06.8 +1.8
POKR	Poker Plat Res	86.01	13	P	P	13 29 03.6 -0.7
TX31	Lajitas Ar. Si	86.14	58	P	P	13 29 07.4 +1.5
TX31	Lajitas Ar. Si	86.14	58	P	P	13 29 08.6
TX32	Lajitas Array	86.14	58	P	P	13 29 07.3 +1.4
TX32	Lajitas Array	86.14	58	P	P	13 29 08.6
TXAR	Lajitas Array	86.14	58	P	P	13 29 07.7 +1.7
TXAR	Lajitas Array	86.14	58	P	P	13 29 06.9 +1.0
ANMO	Albuquerque	86.22	52	P	P	13 29 07.3 +1.0
ANMO	Albuquerque	86.22	52	P	P	13 29 06.5 +0.2
ANMO	Albuquerque	86.22	52	P	P	13 29 08.4
MCMT	McKenzie Canyo	86.31	41	P	P	13 29 07.2 +0.7
AHID	Auburn Hatcher	86.43	43	P	P	13 29 08.0 +0.9
AHID	Auburn Hatcher	86.43	43	P	P	13 29 09.3
MSO	Missoula	86.64	38	P	P	13 29 08.5 +0.6
HHC	Hu-ho-hao-te	87.01	315	eP	pmx	13 29 12.5 +2.7
HHC	Hu-ho-hao-te	87.01	315	eP	pmx	13 29 12.5 +2

ISCJB 26 15:08:03.0, 9.5, 37.38N, 150.02, 26.98E, 0.04, h6km, 5km, Error ellipse: s-maj=5.8km s-min=3.4km az=150.1

ATH 26 15:08:03.6, 37.40N, 162.96E, h2km, 3km, ML2.7/1, Error ellipse: s-maj=5.8km s-min=1.2km az=302.0

ISK 26 15:08:03.5, 37.39N, 162.97E, h6km, ML2.6/1.4 DDA 26 15:08:04.4, 37.42N, 27.05E, h7km, 3km, ML3.2

ISC 26 15:08:04.1, 1.0, 37.39N, 0.02, 27.00E, 0.03, h16km, 9km, n27, r1906/38, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SMG Samos, YKAV Yalikavak-Boadr, GCAM G7zelcaml?, etc.

JMA 26 15:23:40.1, 0.1, 37.54N, 144.33E, h30km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JIKH Ishinomakikobu, JIKH Ouri, JIOT Kesennunamototy, etc.

NSSC 26 15:26:48.3, 1.4, 32.93N, 36.46E, h5km, 167km, ML2.2

ISCJB 26 15:26:51.0, 0.9, 33.98N, 0.04, 35.81E, 0.06, h1.4km, 6km, Error ellipse: s-maj=9.8km s-min=6.3km az=149.5

GRAL 26 15:26:52.8, 0.2, 33.87N, 35.83E, h4km, 8km, MD3.2

ISC 26 15:26:52.1, 1.5, 33.87N, 0.04, 35.84E, 0.05, h10km, 16km, n10, r0545/14, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BHL Bhannes, DQR Deir Qamar, BEYL Beirut, etc.

ISC 26 15:33:40.1, 1.0, 17.43S, 179.99E, h649km, 140km, mb2.9/3, mb1 3.1/4, mb1mx2.7/40, mbtmp4.1/4, Error ellipse: s-maj=131.5km s-min=110.2km az=136.0, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISC 26 15:37:09.3, 1.0, 36.80N, 144.58E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.4/44, mbtmp3.2/3, ML2.3/1, Error ellipse: s-maj=240.0km s-min=48.4km az=29.0, Off east coast of Honshu

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

ISC 26 15:37:09.3, 1.0, 36.80N, 144.58E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.4/44, mbtmp3.2/3, ML2.3/1, Error ellipse: s-maj=7.4km s-min=7.2km az=141.2

JMA 26 15:37:42.1, 0.3, 37.32N, 144.27E, h57km, M3.5

ISC 26 15:37:38.3, 1.4, 37.29N, 0.07, 144.59E, 0.09, h35km, n17, r151/21, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JIKH Ishinomakikobu, JIKH Ouri, JIOT Kesennunamototy, etc.

ISC 26 15:48:47.1, 2.9, 7.05S, 154.58E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/41, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=62.0km s-min=25.6km az=84.0, Bougainville-Solomon Islands region

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

DJA 26 15:52:29.8, 1.2, 2.1N, 5.12E, h86km, 26km, M4.3/8, mb5.1/1, MLV4.3/8, Mw(mb)4.5/1

NEIC 26 15:52:30.9, 2.7, 1.86N, 0.08, 126.44E, 0.09, h72km, 8km, mb4.3/30

ISCJB 26 15:52:32.0, 0.3, 1.86N, 0.04, 126.70E, 0.06, h100km, mb3.8/10, Error ellipse: s-maj=8.9km s-min=5.1km az=157.3

ISC 26 15:52:32.2, 4.4, 1.82N, 126.64E, h82km, 46km, mb3.6/10, mb1 3.7/12, mb1mx3.5/42, mbtmp3.9/12, ML3.7/2, MS3.3/1, Ms1 3.3/1, ms1mx2.4/39, Error ellipse: s-maj=33.6km s-min=13.5km az=80.0

ISC 26 15:52:32.8, 0.5, 1.82N, 0.06, 126.49E, 0.08, h100km, n56, r202/46, mb4.1/22, IC, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TNTI Ternate, SGTI Sangihe, KMSI Kibinong, etc.

JAGI Jajag, Banyuwa 15.99 230 P Amb Iamb 15 56 09.3 -2.8

KNRA Kununurra 17.53 173 P Iamb Iamb 15 56 32.2 +1.3

UGM Wanaqama 18.63 239 P Pn 15 56 42.5 -1.8

FITZ Fitzroy Crossi 19.81 182 P Pn 15 56 57.3 -0.7

FITZ Fitzroy Crossi 19.81 182 Pn 15 56 57.6 -0.4

TWP Pinlang 21.53 346 P P 15 57 10.2 -3.9

TPUB Tapu 22.10 346 P P 15 57 20.1 0.0

NACB Nincangchiao 22.72 348 P P 15 57 25.5 -1.0

WB0 Warramunga Arr 22.81 160 P P 15 57 29.1 +1.6

WRAB Tennant Creek 22.95 161 P P 15 57 26.4 -2.4

WRA Warramunga Arr 22.96 161 P P 15 57 28.6 -0.3

WRA Warramunga Arr 22.96 161 P P 15 57 28.9 +0.1

WB2 Warramunga Arr 22.96 161 P Iamb Iamb 15 57 37.3

PSA0 Pilbara Seismi 24.14 195 P P 15 57 40.7 +1.1

AS31 Alice Springs 26.34 165 P P 15 58 04.9 +0.3

ASAR Alice Springs 26.34 165 P P 15 58 03.8 +4.1

PSI Praprap 27.56 273 LR LR 16 11 11.4

CMAR Chang Mai Arr 31.67 303 P P 15 58 49.5 +2.5

FORT Forrest 32.45 177 P P 15 58 55.7 +2.0

INU Inuyama 34.77 15 Iamb Iamb 15 59 14.6 +0.9

KBRS Korea Arr 35.49 2 P P 15 59 20.4 +0.5

BBOO Buckleboo 35.61 166 P Iamb Iamb 15 59 22.2 +1.2

EIDS Eidsvold 36.02 140 P P 15 59 23.4 -1.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KSH KSH, KSH KSH, TUWZ Tuamarina, etc.

ISCJB 26 15:55:12.4, 0.5, 2.56N, 0.06, 128.6E, 0.1, h250km, mb3.6/4, Error ellipse: s-maj=15.7km s-min=7.2km az=162.6

NEIC 26 15:55:12.1, 2.2, 2.6N, 0.1, 128.5E, 0.1, h229km, 9km, mb4.1/17

ISC 26 15:55:13.7, 2.8, 2.50N, 128.55E, h244km, 26km, mb3.3/5, mb1 3.5/7, mb1mx3.1/43, mbtmp4.0/7, Error ellipse: s-maj=44.1km s-min=22.5km az=73.0

ISC 26 15:55:14.1, 0.6, 2.54N, 0.07, 128.5E, 0.1, h250km, n28, r163/23, mb4.0/8, 1D, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TNTI Ternate, SIJI Sorong, KCP Kaidapawan, etc.

AS31 Alice Springs 26.56 169 P Iamb Iamb 16 00 29.4 0.0

ASAR Alice Springs 26.56 169 P P 16 00 29.2 -0.2

ASAR Alice Springs 26.56 169 P P 16 01 48.5 +1.4

JHJ Mitsune 32.20 18 P P 16 01 18.4 -0.6

BHH Enshi 32.97 329 P P 16 01 25.4 -0.3

EBO Buckleboo 35.87 169 P P 16 01 50.8 +0.2

STKA Stephens Creek 36.40 161 P P 16 01 54.9 0.0

STKA Stephens Creek 36.40 161 P P 16 01 53.5 +0.4

MKAR Makanchi Arr 59.56 325 P P 16 04 52.7 +1.1

MKAR Makanchi Arr 59.56 325 P P 16 04 51.5 -0.1

MKAR Makanchi Arr 59.56 325 P P 16 04 50.6 -1.0

BAO Raoul Island 60.17 126 P P 16 04 57.9 -1.9

RFZ Birch Island 61.13 140 P P 16 05 04.6 +2.3

ISCJB 26 16:01:30.0, 0.4, 7.20S, 0.04, 129.36E, 0.04, h139km, mb3.4/1, Error ellipse: s-maj=6.7km s-min=5.6km az=138.7

ISC 26 16:01:30.9, 2.2, 7.28S, 129.49E, h124km, 27km, mb3.3/1, mb1 3.6/6, mb1mx3.3/38, mbtmp4.0/6, MS3.5/1, Ms1 3.5/1, ms1mx2.4/20, Error ellipse: s-maj=36.3km s-min=20.8km az=96.0

NEIC 26 16:01:31.9, 3.0, 7.21S, 0.08, 129.45E, 0.07, h146km, 10km, mb1.2/1

ISC 26 16:01:30.8, 0.5, 7.21S, 0.05, 129.44E, 0.05, h139km, n34, r250/38, mb4.4/4, Banda Sea

SAUI Saumlaki 1.99 113 Pn P 16 02 08.0 +2.8

SAUI Saumlaki 1.99 113 Pn P 16 02 15.8 +0.3

FAKI Fak Fak 5.10 33 Pn Pn 16 02 46.3 +0.9

SOEI Soe 5.07 243 Pn Pn 16 02 56.8 +3.1

SOEI Soe 5.07 243 Pn Pn 16 03 58.0 -0.3

MTN Manton Dam 5.84 164 P P 16 02 57.5 +2.2

BATI Baumata 6.44 242 P P 16 03 05.0 +1.6

BATI Baumata 6.44 242 P S 16 04 13.2 -2.6

SIJI Sorong 6.56 16 Pn 16 03 05.7 +0.7

SIJI Sorong 6.56 16 Pn 16 04 15.0 -3.6

MMRI Maumere 7.28 258 Pn Pn 16 03 14.4 +3.8

KNRA Kununurra 8.44 184 Pn Pn 16 03 30.6 +0.5

FITZ Fitzroy Crossi 11.44 199 P P 16 04 08.9 -1.2

FITZ Fitzroy Crossi 11.44 199 P S 16 06 06.5 -1.0

FITZ Fitzroy Crossi 11.44 199 Pn Pn 16 04 11.4 +1.3

FITZ Fitzroy Crossi 11.44 199 Pn Pn 16 05 12.6 -3.7

WRAB Warramunga Arr 13.37 159 Pn Pn 16 04 48.9 +0.0

WRA Warramunga Arr 13.52 160 Pn Pn 16 04 32.5 -4.5

PAIG	AML	AML	17 07 35.7		
SOH	comp=N,15498µm,0.4s	0.62	18	P	Sg
SOH	Sokhos	17 07 26.3	-0.2		
SOH	Sokhos	17 07 35.1	+0.3		
SOH	SOH	17 07 26.5	-0.1		
SOH	SOH	17 07 35.9	+0.3		
SOH	SOH	17 07 26.3	-0.2		
SOH	SOH	17 07 35.9	+0.3		
SOH	SOH	17 07 27.5	-0.1		
OUR	OURanopolis	0.68	81	S	Pg
OUR	OURanopolis	17 07 27.6	-0.1		
OUR	OURanopolis	17 07 36.7	+0.1		
OUR	OURanopolis	17 07 39.0			
OUR	comp=N,13055µm,0.3s				
OUR	OURanopolis	0.68	81	P	Sg
OUR	OURanopolis	17 07 27.6	-0.1		
OUR	OURanopolis	17 07 36.7	+0.1		
OUR	OURanopolis	17 07 39.0			
OUR	comp=E,19254µm,0.4s				
OUR	OURanopolis	0.68	81	PG	Pg
OUR	OURanopolis	17 07 27.5	+0.6		
OUR	OURanopolis	17 07 29.1	-0.2		
OUR	OURanopolis	17 07 39.9	0.0		
OUR	OURanopolis	17 07 28.3	-1.1		
OUR	OURanopolis	17 07 39.3	-0.3		
OUR	OURanopolis	17 07 44.5			
LRSO	LRSo	0.78	225	P	Sg
LRSO	LRSo	17 07 45.3			
LRSO	comp=E,23711µm,0.7s				
LRSO	LRSo	0.78	225	P	Sg
LRSO	LRSo	17 07 45.3			
YOR	YORichiti	0.86	175	P	Sg
YOR	YORichiti	17 07 30.8	-0.2		
YOR	YORichiti	17 07 43.2	+0.8		
YOR	YORichiti	0.86	175	P	Sg
YOR	YORichiti	17 07 30.8	-0.2		
YOR	YORichiti	17 07 43.2	+0.8		
YOR	comp=E,11444µm,0.7s				
YOR	YORichiti	0.86	175	P	Sg
YOR	YORichiti	17 07 30.8	-0.2		
YOR	YORichiti	17 07 43.2	+0.8		
GRG	GRiVa	0.90	324	P	Sg
GRG	GRiVa	17 07 31.2	-0.5		
GRG	GRiVa	17 07 44.2	+0.6		
GRG	GRiVa	17 07 30.9	-0.8		
GRG	GRiVa	17 07 44.7	-0.6		
GRG	GRiVa	17 07 31.1	-0.6		
GRG	GRiVa	17 07 44.3	+0.6		
GRG	GRiVa	17 07 46.2			
GRG	comp=E,29409µm,0.5s				
GRG	GRiVa	0.90	324	PG	Pg
GRG	GRiVa	17 07 30.9	-0.8		
GRG	GRiVa	17 07 44.2	+0.6		
GRG	GRiVa	17 07 46.2			
GRG	comp=N,39733µm,0.5s				
GRG	GRiVa	0.90	324	PG	Pg
GRG	GRiVa	17 07 30.9	-0.8		
GRG	GRiVa	17 07 44.2	+0.6		
GRG	GRiVa	17 07 46.2			
GRG	comp=E,17129µm,0.3s				
GRG	GRiVa	0.90	324	PG	Pg
GRG	GRiVa	17 07 30.9	-0.8		
GRG	GRiVa	17 07 44.2	+0.6		
GRG	GRiVa	17 07 46.2			
NEO	NEO	0.92	174	P	Sb
NEO	NEO	17 07 44.2	+0.1		
NEO	comp=N,20876µm,0.4s				
NEO	NEO	0.92	174	P	Sb
NEO	NEO	17 07 44.2	+0.1		
NEO	comp=N,17129µm,0.3s				
NEO	NEO	0.92	174	P	Sb
NEO	NEO	17 07 44.2	+0.1		
KNT	KNT	0.95	351	P	Sb
KNT	KNT	17 07 32.1	-0.3		
KNT	KNT	17 07 46.2	-0.2		
KNT	comp=N,4µm,0.4s				
KNT	KNT	0.95	351	P	Sb
KNT	KNT	17 07 31.9	-0.5		
KNT	KNT	17 07 32.0	-0.5		
KNT	KNT	17 07 45.6	+0.6		
KNT	KNT	17 07 50.9			
KNT	comp=N,8769µm,0.5s				
KNT	KNT	0.95	351	PG	Pg
KNT	KNT	17 07 31.9	-0.5		
KNT	KNT	17 07 32.0	-0.5		
KNT	KNT	17 07 45.6	+0.6		
KNT	KNT	17 07 50.9			
KNT	comp=N,7089µm,0.4s				
KNT	KNT	0.95	351	PG	Pg
KNT	KNT	17 07 31.9	-0.5		
KNT	KNT	17 07 32.0	-0.5		
KNT	KNT	17 07 45.6	+0.6		
KNT	KNT	17 07 50.9			
SRS	SRS	0.96	23	P	Sb
SRS	SRS	17 07 32.0	-0.7		
SRS	SRS	17 07 42.8	-2.5		
SRS	SRS	17 07 32.2	-0.6		
SRS	SRS	17 07 45.3	-0.1		
SRS	SRS	17 07 49.2			
SRS	comp=N,6362µm,0.5s				
SRS	SRS	0.96	23	P	Sb
SRS	SRS	17 07 32.0	-0.7		
SRS	SRS	17 07 42.8	-2.5		
SRS	SRS	17 07 32.2	-0.6		
SRS	SRS	17 07 45.3	-0.1		
SRS	SRS	17 07 49.2			
SRS	comp=N,6015µm,0.4s				
SRS	SRS	0.96	23	P	Sb
SRS	SRS	17 07 32.0	-0.7		
SRS	SRS	17 07 42.8	-2.5		
SRS	SRS	17 07 32.2	-0.6		
SRS	SRS	17 07 45.3	-0.1		
SRS	SRS	17 07 49.2			
KZN	KZN	1.02	275	P	Sb
KZN	KZN	17 07 33.1	-0.6		
KZN	KZN	17 07 47.8	-0.5		
KZN	comp=N,3055µm,0.5s				
KZN	KZN	1.02	275	P	Sb
KZN	KZN	17 07 33.1	-0.6		
KZN	KZN	17 07 47.8	-0.5		
KZN	comp=N,5626µm,0.4s				
KZN	KZN	1.02	275	P	Sb
KZN	KZN	17 07 33.1	-0.6		
KZN	KZN	17 07 47.8	-0.5		
THL	THL	1.06	232	P	Pb
THL	THL	17 07 34.1	-0.3		
THL	THL	17 07 34.2	-0.2		
THL	THL	17 07 34.9	+0.1		
THL	THL	17 07 50.9			
THL	comp=N,2764µm,0.5s				
THL	THL	1.06	232	P	Pb
THL	THL	17 07 34.1	-0.3		
THL	THL	17 07 34.2	-0.2		
THL	THL	17 07 34.9	+0.1		
THL	THL	17 07 50.9			
SKIA	SKIA	1.10	165	P	Pb
SKIA	SKIA	17 07 34.5	-0.4		
SKIA	SKIA	17 07 49.6	-0.1		
SKIA	SKIA	17 07 51.4			
SKIA	comp=N,5562µm,0.5s				
SKIA	SKIA	1.10	165	P	Pb
SKIA	SKIA	17 07 34.5	-0.4		
SKIA	SKIA	17 07 49.6	-0.1		
SKIA	SKIA	17 07 51.4			
SKIA	comp=N,5562µm,0.5s				
SKIA	SKIA	1.10	165	P	Pb
SKIA	SKIA	17 07 34.5	-0.4		
SKIA	SKIA	17 07 49.6	-0.1		
SKIA	SKIA	17 07 51.4			
VAY	VAY	1.17	340	P	Pg
VAY	VAY	17 07 35.4	-0.7		
VAY	VAY	17 07 52.8	+0.9		
VAY	VAY	17 07 54.0			
VAY	comp=N,901nm,0.4s				
VAY	VAY	1.17	340	P	Pg
VAY	VAY	17 07 35.4	-0.7		
VAY	VAY	17 07 52.8	+0.9		
VAY	VAY	17 07 54.0			
VAY	comp=N,597nm,0.5s				
VAY	VAY	1.17	340	P	Pg
VAY	VAY	17 07 35.4	-0.7		
VAY	VAY	17 07 52.8	+0.9		
VAY	VAY	17 07 54.0			
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA	KVLA	17 07 53.4	0.0		
KVLA	KVLA	17 07 56.7			
KVLA	comp=N,9282µm,0.3s				
KVLA	KVLA	1.21	54	P	Sg
KVLA</					

26d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMST Otama, JFT Otama, JOM Ohasama, etc.

IDC 26 18:06:23.2±1.4, 15.40°N:97.41°E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.4/7, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=32.4km s-min=20.6km az=60.0

ISC 26 18:06:24.2±1.4, 15.52°N:08.97°E, h10km, n11, r18712, Near south coast of Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHLT Khaolaem Dam, UMPA Umpang Tak, UTHA Uthaitang, etc.

IDC 26 18:16:23.1±8.1, 6.63S:145.78E, h111km±102km, mb3.2/2, mb1 3.3/4, mb1mx3.0/39, mbtmp3.6/4, ML0.5/1, Error ellipse: s-maj=90.5km s-min=40.8km az=123.0, New Guinea

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

ISCJB 26 18:21:11.7±0.4, 6.85S:0.04°130.55E:0.06, h150km, Error ellipse: s-maj=7.9km s-min=5.0km az=170.9

IDC 26 18:21:11.2±2.5, 6.97S:130.74E, h78km±30km, mb3.3/1, mb1 4.0/6, mb1mx3.5/40, mbtmp4.1/6, Error ellipse: s-maj=42.7km s-min=22.8km az=93.0

NEIC 26 18:21:12.8±2.2, 6.80S:0.06°130.57E:0.08, h148km±12km, mb4.6/5

DJA 26 18:21:12.0±0.3, 7.52°S:131°E, h127km±7km, M4.1/6, mb4.0/6, mb4.8/3, MLV4.2/6, Mw(MB)4.3

ISC 26 18:21:11.9±0.6, 6.84S:0.04°130.57E:0.06, h150km, n32, r266/42, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, MSAI Masohi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

MSWZ Moka Station 52.48 138 P P 18 30 11.3 +1.8 MKAR Makanchi Array 68.40 327 P P 18 32 05.9 +8.4

IDC 26 18:25:36.5±2.2, 37.42N:144.80E, h0km, mb3.6/2, mb1 3.9/4, mb1mx3.4/41, mbtmp3.7/4, ML3.0/2, MS3.3/1, Ms1 3.3/1, ms1mx2.4/34, Error ellipse: s-maj=58.0km s-min=33.2km az=75.0

2013 OCT

ISCJB 26 18:25:40.1±0.9, 37.53N:0.06°144.94E:0.07, h33km, mb3.7/2, MS3.2/1, Error ellipse: s-maj=8.9km s-min=7.2km az=33.0

JMA 26 18:25:42.0±0.2, 37.59N:144.36E, h2km, M3.4

ISC 26 18:25:41.2±1.4, 37.55N:0.07°144.54E:0.09, h35km±18, r1520/26, Off east coast of Honshu

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

IDC 26 18:39:25.5±1.6, 11.38S:161.95E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.8/28, mbtmp3.8/8, ML3.7/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/27, Error ellipse: s-maj=39.0km s-min=24.8km az=81.0

ISCJB 26 18:39:28.8±0.5, 11.42S:0.07°162.07E:0.07, h39km, mb3.6/6, Error ellipse: s-maj=10.6km s-min=8.6km az=139.2

NEIC 26 18:39:30.6±1.3, 11.4S:0.1°162.1E:0.1, h37km±8km, mb4.7/14

ISC 26 18:39:30.4±0.6, 11.42S:0.08°162.07E:0.09, h39km, n29, r195/33, mb4.3/11, Bougainville-Solomon Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COEN Coen, WBO Warramunga Arr, WBO Warramunga Arr, etc.

MAN 26 18:54:31.9, 8.72N:126.22E, h108km, MS3.5, 2C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BIPH Bislig, BIPH Davao City-Mi, DMPH KCP, etc.

ISCJB 26 18:57:06.2±0.2, 44.42N:0.01°7.28E:0.02, h12km±2km, Error ellipse: s-maj=2.6km s-min=2.1km az=152.7

ROM 26 18:57:06.4±0.1, 44.410N:0.005°7.290E:0.006, h11km±1km, ML1.9/13, Error ellipse: s-maj=0.6km s-min=0.2km az=30.0

GEN 26 18:57:06.8, 44.42N:7.28E, h12km±1km, ML1.7

LDG 26 18:57:06.9±0.1, 44.43N:7.30E, h17km, Md2.7/2, M2.4/10, Error ellipse: s-maj=1.2km s-min=1.0km az=55.0

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STR 26 18:57:07.1±0.5, 44°N:2°E, h6km±4km, MLV1.8/7, ISC 26 18:57:06.2±0.9, 44.44N:0.02°7.33E:0.02, h18km±3km, n48, r065/91, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Damiano, Santa Anna di V, Santa Anna di V, etc.

Table with station names (CABF, LASF), coordinates, and time offsets.

Station information for IDC 26 19:00:37.9; 1.3, 1.71N; 97.06E, h0km, mb3.9/9, mb1.4/0.10, mb1mx3.7/38, mbtmp3.9/10, ML3.2/2, MS3.2/5, Ms1.3/2.5, ms1mx2.8/47, Error ellipse: s-maj=36.0km s-min=19.6km az=53.0

Station information for ISCB 26 19:00:40.4; 0.5, 1.74N; 0.06; 97.16E; 0.04, h28km, mb3.9/9, MS3.2/2, Error ellipse: s-maj=8.7km s-min=6.1km az=1.1

Station information for NEIC 26 19:00:43.6; 1.0, 1.78N; 0.04; 97.19E; 0.08, h35km, 1km, mb4.2/21

Station information for IDC 26 19:00:42.3; 0.7, 1.77N; 0.08; 97.18E; 0.07, h28km, n54, c0569/49, mb4.2/18, Northern Sumatera

Main table of station data for the 1357 section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Station information for ISCB 26 19:01:20.4; 0.2, 4.51S; 65N; 0.03; 26.53E; 0.03, h150km, Error ellipse: s-maj=4.0km s-min=3.3km az=6.3

Station information for BUC 26 19:01:22.4; 0.4, 4.51S; 65N; 0.26; 52E, h137km, 3km, ml3.5/35,

Error ellipse: s-maj=2.4km s-min=2.0km az=12.0
BEO 26 19:01:32.5; 1.2, 42.09N; 19.65E; h0km, ML1.6/3
ISC 26 19:01:20.6; 1.2, 45.65N; 0.03; 26.48E; 0.03, h150km, n91,

Main table of station data for the 2013 OCT section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Table of station data for the 26d 19h section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Station information for ISCB 26 19:13:44.0; 0.6, 25.67S; 0.03; 69.3W; 0.2, h118km, 12km, Error ellipse: s-maj=23.6km s-min=5.2km az=0.7

Station information for SJA 26 19:13:44.3; 0.7, 25.68S; 69.50W, h20km, 14km, ML3.4,

Station information for GUC 26 19:13:46.2; 0.7, 25.48S; 69.25W, h98km, 3km, ML3.7

Station information for ISC 26 19:13:44.6; 1.5, 25.70S; 0.05; 69.3W; 0.1, h100km, n21km, n23, c218/33, 4C-2D, Northern Chile

Main table of station data for the 26d 19h section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Station information for IDC 26 19:31:40.8; 1.2, 5.44S; 128.01E, h322km, 18km, mb2.7/1, mb1.2/9.5, mb1mx2.7/33, mbtmp3.6/5, Error ellipse: s-maj=28.8km s-min=13.6km az=118.0, Banda Sea

Table of station data for the 26d 19h section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Station information for IDC 26 19:32:26.5; 0.9, 39.92N; 118.30E, h0km, mb3.6/5, mb1.3/6.8, mb1mx3.4/54, mbtmp3.6/8, ML3.8/2, Error ellipse: s-maj=46.0km s-min=16.7km az=49.0

Station information for BUI 26 19:32:27.4; 0.0, 39.71N; 118.33E, h7km, mb3.0/7.1, ML3.8/15

Station information for ISC 26 19:32:26.8; 0.6, 39.91N; 0.05; 118.37E; 0.03, h12km, n20, c2575/27, mb3.7/5, Northeastern China

Main table of station data for the 26d 19h section, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

27d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like TBI Tubuai, PPT Papeete, MAW Mawson, etc.

IDC 27 00:25:23.7:13.0, 39.62S:91.47W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.9/18, Error ellipse: s-maj=364.2km s-min=53.5km az=175.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like LPAZ La Paz, CPUP Villa Florida, etc.

ISCJB 27 00:28:17.8:0.8, 26.96S:0.03:26.72E:0.04, h0km, 6km, mb4.0/5, Error ellipse: s-maj=6.8km s-min=4.1km az=138.6

PRE 27 00:28:18.8:1.8, 26.97S:26.79E, h2km, ML3.5 IDC 27 00:28:20.5:1.1, 26.91S:26.66E, h0km, mb3.9/5, mb1 4.1/10, mb1mx3.8/31, mbtmp4.1/10, ML4.0/4, Error ellipse: s-maj=22.6km s-min=10.8km az=97.0

ISC 27 00:28:19.3:1.1, 26.94S:0.03:26.77E:0.03, h6km, 8km, n27, c1577/45, mb4.0/5, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PRYS Parys, WDLM Western Deep L, KLOF Kloof, etc.

ISCJB 27 00:28:19.3:1.1, 26.94S:0.03:26.77E:0.03, h6km, 8km, n27, c1577/45, mb4.0/5, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MOPA Mopani, KEIM Keimoes, SOE Somerset East, etc.

ISCJB 27 00:56:15.5:0.6, 30.01S:0.04:138.69E:0.05, h10km, Error ellipse: s-maj=6.6km s-min=5.7km az=4.6

IDC 27 00:56:16.5:2.5, 30.06S:138.67E, h0km, mb1 3.4/4, mb1mx3.3/24, mbtmp3.1/4, ML2.9/4, Error ellipse: s-maj=83.4km s-min=20.4km az=45.0

AUST 27 00:56:17.4:0.0, 30.15S:138.76E, h6km, Error ellipse: s-maj=0.4km s-min=0.1km az=310.0

ISC 27 00:56:16.8:0.8, 30.06S:0.05:138.74E:0.04, h10km, n14,

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like LCRK Leigh Creek, STKA Stephens Creek, etc.

SKHL 27 01:18:00.3:1.2, 45.70N:151.70E, h58km, 9km, mb4.5/1 IDC 27 01:18:07.8:2.7, 46.30N:151.51E, h112km, 26km, mb3.2/6, mb1 3.5/10, mb1mx3.2/45, mbtmp3.6/10, Error ellipse: s-maj=38.6km s-min=19.8km az=164.0

ISC 27 01:18:00.1:1.0, 46.1N:0.2:151.5E:0.1, h48km, n21, c1059/16, mb3.5/6, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, LAGR Lagunoye, etc.

MAN 27 01:30:39.2, 9.99N:124.13E, h2km, mb4.3, ML3.1, MS2.8, 4C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like LLP Lapu-Lapu, TBP Tagbilaran, PALO Palo, etc.

IDC 27 01:47:10.2:0.9, 11.04S:165.80E, h0km, mb4.0/7, mb1 4.2/9, mb1mx3.9/40, mbtmp4.1/9, ML4.5/2, MS3.3/4, Ms1 3.3/4, ms1mx3.0/27, Error ellipse: s-maj=36.7km

ISCJB 27 01:47:13.6:0.9, 11.29S:0.07:165.8E:0.1, h35km, mb4.0/6, MS3.4/1, Error ellipse: s-maj=15.9km s-min=10.0km az=166.9

NEIC 27 01:47:14.5:1.9, 11.2S:0.1:165.8E:0.1, h27km, 6km, mb4.1/6

ISC 27 01:47:15.5:0.9, 11.19S:0.09:165.8E:0.1, h35km, n19, c1111/18, mb3.0/6, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like HNR Honiara, DZM Mount Dzumac, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

IDC 27 01:54:28.3:0.6, 22.91N:143.84E, h0km, mb3.9/15, mb1 4.1/17, mb1mx3.9/44, mbtmp3.9/17, ML3.6/2, Error ellipse: s-maj=27.6km s-min=13.4km az=82.0

ISCJB 27 01:54:31.6:0.6, 22.94N:0.07:143.9E:0.2, h34km, mb3.8/5, Error ellipse: s-maj=22.5km s-min=8.1km az=167.1

NEIC 27 01:54:33.0:1.1, 22.93N:0.10:143.8E:0.2, h29km, 5km, mb4.1/6

ISC 27 01:54:33.0:1.0, 22.94N:0.09:143.9E:0.2, h34km, n32, c0912/25, mb4.0/16, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

MK31 Makanchi Array 54.34 312 P Iamb Iamb 02 04 01.8

CTA Charters Tower 42.83 177 P Pn 02 02 28.3 0.0

WRA Warramunga Arr 43.63 183 P Pn 02 02 33.6 -1.2

ASAR Alice Springs 47.33 192 P Pn 02 03 05.3 -0.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Susitna One, Rabbit Creek A, Skwentna, etc.

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

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

ISCJB 27 02:44:55.7±1.1, 49.7S; 0.2x117.4E; 0.3, h12km, mb4.0/5, MS3.0/3, Error ellipse: s-maj=35.0km s-min=17.5km az=20.1

IDC 27 02:44:55.6±1.2, 49.69S; 117.36E, h0km, mb4.1/5, mb1 4.2/6, mb1mx3.9/3.3 mbtmp4.1/6, ML2.4/1, MS3.1/4, Ms1 3.1/4, ms1mx3.0/1.8, Error ellipse: s-maj=47.5km s-min=24.9km az=123.0

ISC 27 02:44:57.4±1.1, 49.65S; 0.2x117.3E; 0.3, h12km, n14, 01509/8, mb4.0/5, MS3.0/3, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, etc.

IDC 27 02:52:07.5±1.6, 27.08N; 143.80E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.4/3.3, mbtmp3.6/3, ML3.1/1, Error ellipse: s-maj=38.0km s-min=28.8km az=52.0, Bonin Islands region

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

ISCJB 27 03:10:41.6±1.7, 35.06N; 0.07x27.28E; 0.07, h0km, 12km, Error ellipse: s-maj=13.5km s-min=6.8km az=142.1

ISK 27 03:10:42.1, 35.08N; 27.24E, h0km, ML2.7/7 THE 27 03:10:42.5, 35.13N; 27.29E, h0km, 3km, ML2.2/2, Error ellipse: s-maj=4.3km s-min=1.7km az=187.0

ATH 27 03:10:45.6, 35.31N; 27.05E, h12km, 5km, ML2.1/2, Error ellipse: s-maj=8.5km s-min=1.9km az=325.0

ISC 27 03:10:41.6±1.6, 35.08N; 0.07x27.31E; 0.04, h12km, 13km, n23, 01508/29, Dodecanese Islands

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

OSPL 27 03:20:02.5±1.2, 20.30N; 73.44W, h31km, 782km, MD4.0, ML2.0 SSNC 27 03:20:02.6±1.1, 19.89N; 73.54W, h10km, 13km, MD3.2, ML2.6, MW3.4 ISCBJ 27 03:20:03.6±1.2, 19.90N; 0.1x73.66W; 0.09, h26km, 10km, Error ellipse: s-maj=25.1km s-min=5.7km az=32.8

ISC 27 03:20:03.6±1.6, 19.90N; 0.1x73.70W; 0.1, h22km, 11km, n8, 00573/13, 1D, Haiti region

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

ISCJB 27 03:31:19.6±0.6, 22.95S; 0.09x179.3W; 0.1, h600km, mb3.8/7, Error ellipse: s-maj=13.8km s-min=11.8km az=6.7

IDC 27 03:31:19.8±2.7, 22.91S; 179.31W, h592km, 42km, mb3.2/7, mb1 3.5/9, mb1mx3.2/3.6 mbtmp4.1/9, Error ellipse: s-maj=51.5km s-min=17.0km az=173.0

NEIC 27 03:31:20.1±1.1, 23.05S; 0.2x179.3W; 0.2, h599km, 10km, mb4.3/5

ISC 27 03:31:20.3±0.8, 23.05S; 0.1x179.3W; 0.1, h600km, n16, 01504/16, mb3.8/9, South of Fiji Islands

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

IGIL 27 03:32:07.6, 37.05N; 13.52W, h26km, ML2.7 MDD 27 03:32:07.7±0.9, 37.05N; 13.51W, h30km, mb4.1/28, Error ellipse: s-maj=10.3km s-min=8.1km az=137.0, PRXIM INMG 27 03:32:09.0±1.6, 36.94N; 13.64W, h10km, ML2.7, Error ellipse: s-maj=4.6km s-min=2.5km az=122.0

CNRN 27 03:32:10.2, 36.73N; 13.09W, h15km

ISC 27 03:32:02.3±0.9, 36.99N; 0.04x13.69W; 0.05, h35km, n95, 0307/178, 2C, Azores-Cape St. Vincent Ridge

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

27d 3h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

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Main table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Contains detailed meteorological data for various stations.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

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Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Lists various meteorological stations and their data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marlete, Nicolau / Gran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lamias de Olo, Cabril, Zamans, etc.

ISJCJB 27 05:28:19.6-0.4, 15.82S-0.06-72.0W:0.1, h10km, Error ellipse: s-maj=21.1km s-min=6.2km az=165.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, MNMC, PB11, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Earthquake Lak, Heblgen Lake, YHL, etc.

NEIC 27 05:33:55.3z.2.8.36:99Nz.0:07:145:1E.0:1, h10km, 1km, mb4.5/6

IDC 27 05:33:55.2z.1.1.37:15Nz.145:22E, h0km, mb3.9/5, mb1.4/1.9, mb1mx3.8/4.7, mbtm0.9/0.9, ML3.5/4, MS3.3/3, Ms1.3/3.3, ms1mx2.7/3.7, Error ellipse: s-maj=29.6km s-min=22.6km az=91.0

ISCJB 27 05:33:58.6z.0.5.37:24Nz.0:03:144:78E.0:04, h33km, mb3.9/5, MS4.2/1, Error ellipse: s-maj=4.9km s-min=4.3km az=33.9

JMA 27 05:34:03.7z.0.2.37:28Nz.144:45E, h57km, M4.5, JMC 27 05:33:59.7z.0.37:18Nz.0:05:144:89E.0:06, h35km, n51, z=233/64, mb4.1/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ishinomakikobu, Ouri, Kesennunamotoy, etc.

ASAJ 0.7nm, 0.3s, baz=90, slow=20, SNR=2.4

JNU Nakatsu 12.16 255 Pn Pn 05 36 51.9 +1.4

JNU Nakatsu 12.16 255 Pn Pn 05 36 50.7 +0.2

KRSR Korea Array 13.51 276 Pn Pn 05 37 11.9 +3.1

KRSR 0.2nm, 0.3s, baz=86, slow=14, SNR=6.4

KLR Kuldur 15.36 326 LR LR 05 43 42.4

PET Petrovskovsk 18.69 327 P P 05 43 10.3 -2.7

H1N2 WAKE ISLAND Hy 25.91 126 T T 06 06 24.5

H1N1 WAKE ISLAND Hy 25.92 126 T T 06 06 28.5

H1N3 WAKE ISLAND Hy 25.93 126 T T 06 06 24.5

H1S1 WAKE ISLAND Hy 26.68 128 T T 06 07 23.9

H1S3 WAKE ISLAND Hy 26.69 128 T T 06 07 22.3

H1S2 WAKE ISLAND Hy 26.70 128 T T 06 07 26.5

MKAR Makanchi Array 46.39 303 P P 05 42 25.2 +2.7

MKAR Makanchi Array 46.39 303 P P 05 42 23.3 +0.7

PMR Palmer 46.84 37 P P 05 42 25.9 +0.0

KURK Kurchatov 48.02 308 P P 05 42 38.2 +1.0

KURK comp=2.3, 3nm, 0.9s

JAGI Jagaj, Banyuwa 57.77 219 P P 05 43 17.9 -0.9

SKAG Skagway 57.88 38 P P 05 43 18.2 -0.7

WRA Warramunga Arr 58.68 192 P P 05 43 47.6 +0.8

ABKAR Akbulak array 59.85 311 P P 05 44 04.8 +2.6

ASAR Alice Springs 61.40 191 P P 05 44 13.8 +1.4

YKA Yellowknife Ar 62.27 31 P P 05 44 16.8 -0.9

ARCES ARCESS Array B 64.82 340 LR LR 06 17 09.5

GCMT Greycliff 73.67 45 P P 05 45 28.9 -1.1

RLMT Red Lodge 74.30 45 P P 05 45 32.1 -1.6

RLMT comp=2.4, 2nm, 0.8s

AKASG Malin Array Be 75.85 324 P P 05 45 44.6 +2.4

CMWZ Cape Campbell 83.00 158 P P 05 46 21.0 +0.1

MDD 27 06:21:33.4z.2.4.37:11Nz.13:23W, h0km, mb3.5/3 Error ellipse: s-maj=20.6km s-min=18.5km az=107.0, PRXIMO

INMG 27 06:21:34.8z.1.0.36:94Nz.13:62W, h10km, ML2.1, Error ellipse: s-maj=8.8km s-min=5.6km az=92.0

ISC 27 06:21:33.6z.4.0.37:22Nz.0:1:13:2W.0:2, h10km, n39, z=1925/61, 1C, Azores-Cape St. Vincent Ridge

Code Station Name Az Az2 Phase ID Time Res ISC

PFVI Vila Bisbo 3.47 90f ePn Pn 06 23 27.6 0.0

PFVI Vila Bisbo 3.47 90 P P 06 23 07.1 -1.7

PFVI 4.0nm, 0.1s 3.47 90 P P 06 22 27.4 -0.2

PFVI 1.8nm, 0.1s, SNR=7.9 3.47 90 S Pn 06 23 07.0 -1.8

PMST Lisbon-Monsan 3.50 63 eSn Sn 06 22 58.9 -1.1

PMFAR Mafra 3.53 59 S Sn 06 23 11.9 +1.7

PMFAR 7.2nm, 0.8s 3.53 59 S Sn 06 23 13.2

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mafra, Nicolau / Gran, etc.

PMFAR Mafra 3.53 59 S Sn 06 23 10.5 +0.3

PNCL Nicolau / Gran 3.79 75 ePn Pn 06 22 33.0 +1.0

PNCL 1.1nm, 0.2s 3.79 75 S Pn 06 23 16.3 -0.4

PNCL Nicolau / Gran 3.79 75 S Pn 06 22 33.0 +1.0

PCVE Castro Verde 4.11 83 ePn Pn 06 22 36.9 +0.5

PCVE Castro Verde 4.11 83 P Pn 06 22 36.9 +0.5

PCVE Castro Verde 4.11 83 S Pn 06 22 34.3 -1.1

PBVD Barranco-Do-Ve 4.18 88 ePn Pn 06 22 38.1 +0.6

PBVD Barranco-Do-Ve 4.18 88 eSn Pn 06 23 27.1 +0.7

PBVD Barranco-Do-Ve 4.18 88 P A 06 23 29.5

PBVD Barranco-Do-Ve 4.18 88 P A 06 22 38.1 +0.6

PBVD Barranco-Do-Ve 4.18 88 S Sn 06 23 27.1 +0.7

EVO Evora 4.29 71 ePn Pn 06 22 40.6 +1.7

EVO Evora 4.29 71 P Pn 06 22 40.6 +1.7

PMTG Montargil 4.32 63 ePn Pn 06 22 40.3 +1.0

PMTG Montargil 4.32 63 eSn A 06 23 29.5 -0.2

PMTG Montargil 4.32 63 S Sn 06 22 40.3 +1.0

PMTG Montargil 4.32 63 S Sn 06 23 29.5 -0.2

PVAQ Vaqueiros 4.35 86 ePn Pn 06 22 40.6 +0.9

PVAQ Vaqueiros 4.35 86 eSn A 06 23 29.8 -0.7

PVAQ Vaqueiros 4.35 86 P Sn 06 22 40.6 +0.9

PVAQ Vaqueiros 4.35 86 S Sn 06 23 29.8 -0.7

PTOM Tomar 4.44 56 ePn Pn 06 22 42.8 +1.8

PTOM Tomar 4.44 56 eSn A 06 23 30.0 +0.2

PTOM Tomar 4.44 56 P Sn 06 23 35.7

PTOM Tomar 4.44 56 S Sn 06 22 42.8 +1.8

PTOM Tomar 4.44 56 S Sn 06 23 30.0 +0.2

EGRO El Granado 4.54 84 S Sn 06 23 33.9 -1.3

PCAS Casimilo, Conde 4.63 51 ePn Pn 06 22 44.4 +0.8

PCAS Casimilo, Conde 4.63 51 eSn A 06 23 37.5 +0.1

PCAS Casimilo, Conde 4.63 51 P A 06 23 48.6

PCAS Casimilo, Conde 4.63 51 P Sn 06 22 44.4 +0.8

PCAS Casimilo, Conde 4.63 51 S Sn 06 23 37.5 +0.1

PESTR Estremoz 4.71 68 eSn Sn 06 23 38.5 -0.8

PMRV Marv??o 5.05 62 ePn Sn 06 22 50.3 +0.9

PMRV Marv??o 5.05 62 eSn A 06 24 20.2

PMRV Marv??o 5.05 62 P Sn 06 22 50.3 +0.9

PMRV Marv??o 5.05 62 S Sn 06 23 47.0 -0.9

EBAD Badajoz 5.10 71 P Sn 06 22 51.0 +0.9

EBAD 1.3nm, 0.7s SNR=4.0 5.10 71 S Sn 06 23 48.1 -0.9

EMIN Mina Concepcio 5.20 82 P Pn 06 22 51.4 +0.1

EMIN 0.1nm, 0.1s, SNR=7.9 5.20 82 P Sn 06 23 50.5 -0.9

PMV Viseu 5.40 48 eSn A 06 23 55.9 -0.5

PMV Viseu 5.40 48 S Sn 06 23 55.9 -0.5

MTE Manteigas 5.43 52 eSn A 06 23 56.9 -0.2

MTE 2.2nm, 0.7s 5.43 52 S Sn 06 23 56.9 -0.2

PLO Lamas de Olo 5.89 43 ePn Pn 06 23 01.8 +0.9

POLO Lamas de Olo 5.89 43 eSn Pn 06 24 07.5 -1.0

POLO Lamas de Olo 5.89 43 P Sn 06 23 01.8 +0.9

POLO Lamas de Olo 5.89 43 S Sn 06 24 07.5 -1.0

PCAB Cabril 6.00 40 eSn Sn 06 24 09.2 -2.0

PCAB Cabril 6.00 40 eSn A 06 24 09.2 -2.0

ELOB Lobios 6.10 39 S Sn 06 24 08.8 -4.9

MVO Moncorvo 6.19 48 ePn Pn 06 23 06.0 +0.9

MVO Moncorvo 6.19 48 eSn A 06 24 14.8 -1.2

MVO Moncorvo 6.19 48 P Sn 06 24 20.9

MVO Moncorvo 6.19 48 S Sn 06 24 13.2 -2.7

EAGO Agrolas(Pontev) 6.81 33 S Sn 06 24 24.1 -7.0

SNR=7.9

IDC 27 06:24:15.6z.2.2.6:38S.129:15E, h0km, mb3.9/1, mb1.3/7/3, mb1mx3.4/2.0, mbtm3.5/3, ML3.6/2, Error ellipse: s-maj=146.4km s-min=31.1km az=68.0, Banda Sea

Code Station Name Az Az2 Phase ID Time Res ISC

WRA Warramunga Arr 14.39 160 Pn Pn 06 27 39.1 -1.7

WRA 0.3nm, 0.3s, baz=342, slow=13, SNR=15 14.39 160 S Sn 06 30 06.7 -1.5

ASAR Alice Springs 17.78 166 P P 06 28 25.9 +0.3

ASAR 0.1nm, 0.3s, baz=343, slow=9.1, SNR=5.9 17.78 166 S P 06 31 29.8 -1.4

MKAR Makanchi Array 67.25 327 P P 06 35 12.0 0.0

MKAR 0.7nm, 0.5s, baz=116, slow=7.6, SNR=7.7 67.25 327 P P 06 35 12.0 0.0

SJA 27 06:35:04.5z.1.2.22:43S.67:66W, h182km, 10km, ML3.1, MW3.3

ISCJB 27 06:35:05.4z.0.9.22:42S.0:04:67:75W.0:06, h181km, 12km, Error ellipse: s-maj=9.2km s-min=6.4km az=169.2

GUC 27 06:35:06.6z.0.7.22:37S.68:06W, h196km, 9km, ML3.9

ISC 27 06:35:04.6z.1.9.22:43S.0:05:67:70W.0:06, h187km, 16km, n27, z=0896/47, 9C-6D, Chile-Bolivia border region

Code Station Name Az Az2 Phase ID Time Res ISC

LVC Limon Verde 1.13 260f Op ISC 06 35 34.8 +0.4

LVC 1.13 260f Op ISC 06 35 56.8 -0.6

LVC 1.13 260f Op ISC 06 35 57.8

PB09 IPOC Station P 1.56 293f ePn Pn 06 35 39.0 +1.1

PB09 IPOC Station P 1.56 293f eS Pn 06 36 03.5 -0.2

PB09 IPOC Station P 1.56 293f ePn Pn 06 35 38.9 +1.0

PB09 IPOC Station P 1.56 293f eS Pn 06 36 03.3 +0.1

PB06 IPOC Station P 1.75 260f ePn Pn 06 35 40.6 +0.9

PB06 IPOC Station P 1.75 260f eS Pn 06 36 06.3 -0.6

PB06 IPOC Station P 1.75 260f eS Pn 06 36 08.8

PB06 IPOC Station P 1.75 260f eS Pn 06 36 07.2 +0.3

PB06 IPOC Station P 1.75 260f eS Pn 06 36 08.5

PB15 IPOC Station P 1.81 244f ePn Pn 06 35 41.3 +1.0

PB15 IPOC Station P 1.81 244f eS Pn 06 36 08.2 +0.1

PB15 IPOC Station P 1.81 244f ePn Pn 06 35 41.4 +1.0

PB03 IPOC Station P 1.94 281f ePn Pn 06 35 42.4 +0.7

PB03 IPOC Station P 1.94 281f eS Pn 06 36 09.2 -1.1

PB03 IPOC Station P 1.94 281f eS Pn 06 35 10.2

PB03 IPOC Station P 1.94 281f eS Pn 06 35 10.2

PB03 IPOC Station P 1.94 281f eS Pn 06 35 42.3 +0.7

PB03 IPOC Station P 1.94 281f eS Pn 06 36 09.4 -1.0

YJA Yavi 2.04 83 ePn Pn 06 35 43.0 0.0

YJA 2.04 83 ePn Pn 06 35 43.6

PB07 IPOC Station P 2.14 289f ePn Pn 06 35 44.6 +0.8

PB07 IPOC Station P 2.14 289f eS Pn 06 36 12.8 -1.6

PB07 IPOC Station P 2.14 289f eS Pn 06 36 13.9

PB07 IPOC Station P 2.14 289f eS Pn 06 35 44.6 +0.8

PB07 IPOC Station P 2.14 289f eS Pn 06 36 13.3 -1.1

PB01 IPOC Station P 2.15 309f ePn Pn 06 35 44.5 +0.5

PB01 IPOC Station P 2.15 309f eS Pn 06 36 13.4 -1.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Humahuaca, IPOC Station P, etc.

comp=E.662nm, 0.3s 2.25 111 eP IAML Pn 06 35 46.1 +0.7

comp=2.86nm, 0.6s 2.27 272f eP Pn 06 35 45.6 +0.3

comp=N.683nm, 0.1s 2.27 272f eS Pn 06 35 45.8 +0.6

comp=2.525nm, 0.1s 2.27 272f eS Pn 06 36 16.1 -0.7

comp=E.464nm, 0.2s 2.32 298f eP Pn 06 35 46.2 +0.5

comp=2.6, 1nm, 0.3s 2.32 325f eP Pn 06 35 56.4 0.0

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.4 0.0

comp=N.146nm, 0.3s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP Pn 06 35 56.5 +0.1

comp=N.255nm, 0.2s 3.22 325f eP

27d 7h

RORO	Rocca Rossa	0.97 224	P S	Pb	07 26 48.7 +0.6
RORO	Rocca Rossa	0.97 224	P S	Sb	07 27 01.5 +0.8
RORO	Rocca Rossa	0.97 224	P S	Pb	07 26 50.0 +0.7
RORO	Rocca Rossa	0.97 224	P S	Sg	07 27 01.4 +0.1
RORO	comp=E,1310µm,0.2s		AML	AML	
RORO	comp=N,1295µm,0.4s		AML	AML	
GBOS	Grotte di Boss	1.01 235	P S	Pb	07 26 49.4 +0.6
GBOS	Grotte di Boss	1.01 235	P S	Sb	07 27 03.3 +1.4
GBOS	Grotte di Boss	1.01 235	P S	Pn	07 26 50.0 +0.7
GBOS	Grotte di Boss	1.01 235	P S	Sb	07 27 03.3 +1.4
GBOS	comp=N,1400µm,0.4s		AML	AML	
GBOS	comp=E,833µm,0.3s		AML	AML	
T0911	Castelpoggio (1.05 132	P S	Pn	07 26 50.1 +0.4
T0911	Castelpoggio (1.05 132	P S	Sn	07 27 04.7 +0.6
T0911	comp=N,1715µm,0.5s		AML	AML	
T0911	comp=E,2430µm,1.2s		AML	AML	
T0911	comp=N,1600µm,0.5s		AML	AML	
T0911	comp=E,2385µm,1.2s		AML	AML	
T0911	comp=N,1720µm,0.5s		AML	AML	
T0911	comp=E,2408µm,1.2s		AML	AML	
T0911	comp=N,1595µm,0.5s		AML	AML	
VARE	Varese	1.06 351	P S	Pn	07 26 52.0 +1.9
VARE	Varese	1.06 351	P S	Sn	07 27 06.1 +1.6
VARE	comp=E,858µm,1.5s		AML	AML	
VARE	comp=N,771µm,1.1s		AML	AML	
VARE	comp=E,857µm,1.5s		AML	AML	
MDI	Monti di Nese	1.08 28	P S	Pn	07 26 51.8 +1.5
MDI	Monti di Nese	1.08 28	P S	Sn	07 27 07.5 +2.5
MDI	comp=N,1405µm,1.5s		AML	AML	
MDI	comp=E,2215µm,0.3s		AML	AML	
MDI	comp=E,2305µm,0.3s		AML	AML	
MDI	comp=N,1480µm,1.5s		AML	AML	
ERBM	Eremo	1.09 111	P S	Pn	07 26 51.6 +1.2
ERBM	Eremo	1.09 111	P S	Sn	07 27 06.2 +1.1
ERBM	comp=E,492µm,0.6s		AML	AML	
ERBM	comp=N,444µm,1.1s		AML	AML	
ERBM	comp=E,491µm,0.6s		AML	AML	
ERBM	comp=N,450µm,1.1s		AML	AML	
MUGIO	Muggio	1.10 2	P S	Pn	07 26 51.5 +0.9
MUGIO	Muggio	1.10 2	P S	Sn	07 27 07.4 +1.9
MUGIO	comp=N,1027µm,0.6s		AML	AML	
MUGIO	comp=E,810µm,0.3s		AML	AML	
TRAV	Traversella	1.12 309	P S	Pb	07 26 51.2 +0.4
TRAV	Traversella	1.12 309	P S	Sb	07 27 07.3 +2.0
TRAV	Traversella	1.12 309	P S	Pb	07 26 51.3 +0.4
TRAV	Traversella	1.12 309	P S	Sb	07 27 07.4 +2.2
TRAV	comp=E,4670µm,0.2s		AML	AML	
TRAV	comp=N,4365µm,0.2s		AML	AML	
VLC	Villacollemand	1.19 123	P	Pn	07 26 52.7 +1.0
VLC	Villacollemand	1.19 123	P	Sn	07 26 52.7 +1.0
VLC	comp=E,453µm,0.8s		AML	AML	
VLC	comp=E,454µm,0.8s		AML	AML	
VLC	comp=N,287µm,1.4s		AML	AML	
VLC	comp=N,284µm,1.6s		AML	AML	
BHB	Bricherasio	1.23 272	P	Pn	07 26 53.3 +1.0
BHB	Bricherasio	1.23 272	P	Sn	07 26 53.3 +1.0
BHB	comp=E,1355µm,0.3s		AML	AML	
BHB	comp=N,1134µm,0.8s		AML	AML	
RSP	Reno Superiore	1.27 286	P	Pn	07 26 53.7 +0.7
RSP	Reno Superiore	1.27 286	P	Sn	07 26 53.7 +0.7
RSP	comp=N,500µm,0.1s		AML	AML	
RSP	comp=E,548µm,1.1s		AML	AML	
RSP	comp=N,499µm,0.1s		AML	AML	
ENR	Entracque	1.27 243	P	Pb	07 26 54.2 +0.9
ENR	Entracque	1.27 243	P	Sg	07 27 11.5 +0.6
ENR	Entracque	1.27 243	P	Pg	07 26 54.8 +0.3
DOI	San Damiano	1.29 256	P	Pn	07 26 54.2 +0.9
DOI	San Damiano	1.29 256	P	Sn	07 27 12.4 +1.4
DOI	comp=N,1835µm,0.2s		AML	AML	
DOI	comp=E,2235µm,0.3s		AML	AML	
STV	Sant Anna di V	1.33 245	P S	Pb	07 26 55.1 +0.8
STV	Sant Anna di V	1.33 245	P S	Sb	07 27 12.4 +1.4
STV	comp=N,772µm,0.3s		AML	AML	
STV	comp=E,925µm,0.7s		AML	AML	
SAOF	Saorge	1.33 232	Pg	Pn	07 26 54.5 +0.9
SAOF	Saorge	1.33 232	Pg	Sb	07 27 11.3 +0.3
SAOF	Saorge	1.33 232	Pg	Pb	07 26 54.8 +0.5
SAOF	Saorge	1.33 232	Pg	Sn	07 26 54.8 +0.5
SAOF	comp=E,558µm,1.6s		AML	AML	
SAOF	comp=N,728µm,0.5s		AML	AML	
SALO	Salgr	1.34 53	P	Pg	07 26 55.9 +0.3
BDI	Bagni Di Luca	1.37 123	P	Pg	07 26 55.4 +0.8
BDI	Bagni Di Luca	1.37 123	P	Sn	07 26 55.4 +0.8
BDI	comp=N,652µm,0.7s		AML	AML	
BDI	comp=N,760µm,0.7s		AML	AML	
BDI	comp=E,589µm,0.4s		AML	AML	
BDI	comp=E,772µm,1.0s		AML	AML	
MAIM	Mastiano	1.40 130	P	Pg	07 26 55.1 +1.6
MAIM	Mastiano	1.40 130	P	Sn	07 26 55.1 +1.6
MAIM	comp=N,518µm,0.4s		AML	AML	
MAIM	comp=E,792µm,0.7s		AML	AML	
TURF	col de Turini	1.43 234	Pn	Pn	07 26 56.3 +1.1
TURF	col de Turini	1.43 234	Pn	Sn	07 27 15.0 +1.4
MMK	Mattmark	1.43 330	P S	Pn	07 26 56.2 +0.9
MMK	Mattmark	1.43 330	P S	Sn	07 27 15.3 +1.5
MMK	comp=E,886µm,0.2s		AML	AML	
MMK	comp=N,1062µm,0.1s		AML	AML	
LSD	Lago del Serru	1.47 297	P	Pn	07 26 54.9 +0.8
LSD	Lago del Serru	1.47 297	P	Sn	07 26 54.9 +0.8
LSD	comp=N,488µm,0.2s		AML	AML	
LSD	comp=N,488µm,0.2s		AML	AML	
SBF	Sospel	1.47 230	ePn	Pn	07 26 56.5 +0.8
SBF	Sospel	1.47 230	ePn	Pg	07 26 58.2 +0.2
SBF	Sospel	1.47 230	ePn	Sb	07 27 16.7 +1.4
SBF	Sospel	1.47 230	ePn	Sg	07 27 16.7 +1.4
SBF	comp=E,300nm,0.2s		AML	AML	
POPPI	Popiglio	1.48 121	P	Pg	07 26 57.5 +0.7
POPPI	Popiglio	1.48 121	P	Sn	07 26 57.5 +0.7
POPPI	comp=N,910µm,0.2s		AML	AML	
POPPI	comp=E,1210µm,0.3s		AML	AML	
ESCA	l'Escarene	1.53 230	Pn	Pn	07 26 57.5 +1.1
ESCA	l'Escarene	1.53 230	Pn	Sn	07 27 17.1 +1.2
ISO	Isola	1.53 246	Pn	Pn	07 26 56.7 +0.3
ISO	Isola	1.53 246	Pn	Pg	07 26 59.8 +0.7
ISO	Isola	1.53 246	Pn	Sn	07 27 17.2 +1.1
ISO	Isola	1.53 246	Pn	Pn	07 26 56.0 +0.5
GROG	Isola di Gorgo	1.54 155	P	Pn	07 26 56.0 +0.5
GROG	Isola di Gorgo	1.54 155	P	Sn	07 26 56.0 +0.5
GROG	comp=N,236µm,0.6s		AML	AML	
BALD	Monte Baldo	1.55 56	ePn	Pg	07 26 59.8 +0.3
BALD	Monte Baldo	1.55 56	ePn	Sg	07 27 20.3 +0.6
PIL	Pisa	1.55 134	P	Pn	07 26 59.8 +0.3
PIL	Pisa	1.55 134	P	Sn	07 27 20.3 +0.6

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PIL	comp=N,606µm,0.2s		AML	AML	
MON	Monaco	1.57 227	Pn	Pn	07 26 57.6 +0.7
MON	Monaco	1.57 227	Pn	Sn	07 27 18.3 +1.4
RRL	Rocca Remolon	1.57 274	P	Pn	07 26 57.1 +0.1
RRL	Rocca Remolon	1.57 274	P	Sn	07 26 57.1 +0.1
RRL	comp=N,2249µm,1.2s		AML	AML	
MBDF	Montbardon	1.59 267	ePn	Pn	07 26 57.4 +0.1
MBDF	Montbardon	1.59 267	ePn	Pb	07 27 00.2 +1.4
MBDF	Montbardon	1.59 267	ePn	Sb	07 27 17.9 +0.3
MBDF	Montbardon	1.59 267	ePn	Sn	07 27 17.9 +0.3
MBDF	comp=N,77nm,0.3s		eSg	Sb	07 27 20.6 +2.0
SURF	Saint Ours	1.59 258	Pn	Pn	07 26 58.3 +0.8
MABI	Mabi Bissina	1.63 40	P	Pn	07 26 59.5 +0.1
MABI	Mabi Bissina	1.63 40	P	Sn	07 26 59.5 +0.1
MABI	comp=E,311µm,0.3s		AML	AML	
MABI	comp=E,310µm,0.3s		AML	AML	
MABI	comp=N,350µm,0.2s		AML	AML	
REMY	Saint-Rhmy-en-2s	1.65 309	P	Pn	07 26 58.1 +0.1
MRGE	Mrge	1.66 305	P	Pn	07 26 58.3 +0.1
MRGE	Mrge	1.66 305	P	Sn	07 26 58.3 +0.1
MRGE	comp=E,354µm,0.5s		AML	AML	
MRGE	comp=E,354µm,0.5s		AML	AML	
MRGE	comp=N,410µm,0.4s		AML	AML	
TUE	Stuetta	1.67 8	P	Pb	07 27 00.9 +0.7
TUE	Stuetta	1.67 8	P	Sn	07 27 00.9 +0.7
TUE	comp=N,338µm,1.3s		AML	AML	
TUE	comp=N,438µm,1.3s		AML	AML	
TUE	comp=N,338µm,1.3s		AML	AML	
TUE	comp=N,438µm,1.3s		AML	AML	
TUE	comp=E,642µm,0.5s		AML	AML	
TUE	comp=E,642µm,0.5s		AML	AML	
ROVR	Rover Verones	1.68 60	P	Pb	07 26 59.9 +0.5
ROVR	Rover Verones	1.68 60	P	Sn	07 26 59.9 +0.5
ROVR	comp=N,1139µm,1.6s		AML	AML	
ROVR	comp=N,1135µm,1.6s		AML	AML	
ROVR	comp=E,266µm,0.4s		AML	AML	
ROVR	comp=E,698µm,0.4s		AML	AML	
ROVR	comp=N,450µm,1.6s		AML	AML	
DIX	Grande Dixence	1.69 319	P	Pb	07 27 01.4 +0.9
DIX	Grande Dixence	1.69 319	P	Sb	07 27 23.1 +1.5
DIX	Grande Dixence	1.69 319	P	Sn	07 27 23.1 +1.5
DIX	Grande Dixence	1.69 319	P	Sn	07 27 23.1 +1.5
DIX	comp=N,843µm,1.5s		AML	AML	
DIX	comp=N,1230µm,1.5s		AML	AML	
DIX	comp=N,844µm,1.5s		AML	AML	
LPG	La Plagne	1.73 294	ePn	Pn	07 26 59.5 +0.1
LPG	La Plagne	1.73 294	ePn	Sb	07 27 02.2 +1.0
LPG	La Plagne	1.73 294	ePn	Sn	07 27 21.4 +0.2
LPG	La Plagne	1.73 294	ePn	Sn	07 27 21.4 +0.2
LPG	comp=E,43nm,0.2s		eSg	Sb	07 27 25.6 +2.8
LPG	comp=E,81nm,0.3s		eSg	Sb	07 27 25.6 +2.8
LPL	La Plagne	1.75 294	ePn	Pn	07 26 59.7 +0.1
LPL	La Plagne	1.75 294	ePn	Pb	07 27 02.7 +1.2
LPL	La Plagne	1.75 294	ePn	Sn	07 27 21.5 +0.1
LPL	La Plagne	1.75 294	ePn	Sn	07 27 21.5 +0.1
LPL	comp=E,45nm,0.2s		eSg	Sb	07 27 25.6 +2.3
LPL	comp=E,94nm,0.3s		eSg	Sb	07 27 20.2 +0.5
BERNI	Berninapass	1.75 24	P	Pn	07 27 02.0 +0.5
BERNI	Berninapass	1.75 24	P	Sn	07 27 02.0 +0.5
BERNI	comp=N,307µm,0.6s		AML	AML	
BERNI	comp=N,307µm,0.6s		AML	AML	
BERNI	comp=E,259µm,0.8s		AML	AML	
MARN	Marana (Italy)	1.77 62	ePn	Pb	07 27 01.2 +0.5
SEI	Scarperia				

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like Les Rejaudoux, Kasperske Hory, Nbias, Conrad Observa, etc.

JMA 27 07:31:17.9.0.2,37.14N+144.36E, h53km, M4.0, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like Ishinomakikobu, Ouri, Kawachi, etc.

ISCJB 27 08:16:33.5.0.8,36.69N+109.26.9E, 0.1, h144km,7km, mb3.4/4, Error ellipse: s-maj=15.3km s-min=13.8km az=3.0

ISC 27 08:16:33.5.1.3,36.70N+109.26.85E, h148km,37km, mb3.2/4, mb1.9/0.5, mb1mx2.8/5.4, mbtmp3.5/5, Error ellipse: s-maj=41.2km s-min=22.0km az=146.0

ISK 27 08:16:39.5.36.78N+27.24E, h102km,3km, ML2.9/10, ISC 27 08:16:33.8.1.1,36.65N+109.26.88E, 0.09, h132km,8km, n23, c186/29, mb3.5/4, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like Bodrum, Datca, Marmaris-Mugla, etc.

ISCJB 27 08:24:10.6.0.2,36.50N+102.70E, 0.03, h200km, mb4.2/43, Error ellipse: s-maj=2.9km s-min=2.4km az=168.2

BUI 27 08:24:10.8.0.0.3,36.64N+70.88E, h178km, mb4.5/19, mb4.7/13

MOS 27 08:24:10.4.1.0,36.50N+70.90E, h192km, mb4.5/25, Error ellipse: s-maj=7.6km s-min=4.9km az=91.2

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like KBL Kabul, KBL Kabul, Garm, Cherat, Chirah Chowk, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like Makanchi Array, Danning, Koldanda, etc.

27d 8h

Table of astronomical observations for 27d 8h, listing stations like GTA, RAYN, and various array configurations with their respective coordinates and observation times.

2013 OCT

Main table of astronomical observations for 2013 OCT, including station names (YKA, WRA, AS31, etc.), station IDs, and observation details.

1370

Table of astronomical observations for 1370, listing stations like MAKZ, NRIK, KURK, and various array configurations with their respective coordinates and observation times.

1371										2013 OCT										27d 8h									
NNSB	Datong	0.68 336	↓P	Pn	08 27 27.2	+0.6	TWA	Mucha	1.17 355	P	Pn	08 27 34.5	+1.3	KNMB	Chin-men Tao	3.08 283	eP	Pn	08 27 59.5	+0.1									
NNSB			S	Sn	08 27 36.5	+0.3	TWA			S	Sn	08 27 48.9	+0.9	KNMB	Chin-men Tao	3.08 283	Pn	Pn	08 27 59.2	-0.2									
NNS	Nan Shan	0.69 335	↓P	Pn	08 27 27.4	+0.6	SBCB	Hsinchu	1.17 327	eP	Pn	08 27 35.7	+2.5	LYJJ	Jianjiangzhen	3.24 328	eP	Pn	08 28 00.4	-1.1									
NNS			eS	Sn	08 27 36.4	-0.2	SBCB			eS	Sn	08 27 51.3	+3.3	MHZO	Yeshan	3.32 314	eP	Pn	08 28 00.4	-0.3									
SMLT	Sun Moon Lake	0.72 276	↑P	Pn	08 27 28.2	+0.9	TATO	Taipei	1.17 351	eP	Pn	08 27 34.3	+1.0	MHZO			eS	Sn	08 28 39.4	-1.4									
SMLT			S	Sn	08 27 38.2	+0.8	TATO			eS	Sn	08 27 49.0	+1.0	JIRB	Irabujima	3.34 72	P	Sn	08 28 04.1	+1.2									
DPDB	Guoxing	0.73 288	↑P	Pn	08 27 28.2	+0.9	TATO	Taipei	1.17 351	Pn	Pn	08 27 32.2	-1.1	JIRB			eS	Sn	08 28 43.1	+1.8									
YUS	Yu-Shan	0.75 245	↑P	Pn	08 27 29.0	+1.1	TATO			Sn	Pn	08 27 49.0	+1.0	XPSS	Dashiou	3.39 337	eP	Pn	08 28 03.4	-0.2									
YUS			S	Sn	08 27 39.0	+0.5	HSN	Hsinchu	1.18 327	eP	Sn	08 27 35.4	+2.0	JMJ	Miyako jima 2	3.49 72	eP	Pn	08 28 03.5	-0.8									
TYC	Yuchr	0.77 277	↑P	Pn	08 27 28.6	+0.9	HSN			eS	Sn	08 27 51.1	+2.8	JMJ2	Miyako jima3	3.45 74	P	Pn	08 28 06.2	+1.8									
TYC			eS	Sn	08 27 40.2	+0.0	CHY	Chiayi	1.20 255	eP	Sn	08 27 35.0	+1.4	JOGS	Gusukube	3.52 74	P	Sn	08 28 08.1	-2.7									
CHKT	Chengkung	0.77 203	P	Pn	08 27 28.1	+0.4	CHY			eS	Sn	08 27 51.2	+2.5	JOGS			eS	Sn	08 28 49.0	+3.1									
CHKT			eP	Sn	08 27 38.9	+0.7	RLNB	Erlin	1.22 274	P	Pn	08 27 35.6	+1.8	AXDP	Jialang	3.56 288	eP	Pn	08 28 06.1	+0.2									
WHYT	Xinyi Township	0.77 262	↑P	Pn	08 27 29.1	+1.2	RLNB			S	Sn	08 27 52.2	+3.0	AXDP			eP	Sn	08 28 45.3	-1.5									
WHYT			S	Sn	08 27 39.9	+1.5	TWB1	Santiao Chiao	1.22 13	eP	Pn	08 27 35.1	+1.2	ZPLA	Ao Xicun	3.61 273	eP	Pn	08 28 07.0	+0.4									
NDT	Datong Townshi	0.80 349	↑P	Pn	08 27 28.9	+0.7	CHN1	Nanshi	1.23 240	eP	Pn	08 27 35.8	+1.7	ZZJH	Jiuhuzhen	3.77 281	eP	Pn	08 28 08.9	+0.1									
NDT			eS	Sn	08 27 39.2	+0.1	TAP	Taipei	1.23 352	eP	Pn	08 27 35.8	+1.7	JOW	Kunigami	6.67 62	Pn	Sn	08 28 48.4	-0.3									
TWC	Suao	0.81 10	↓P	Pn	08 27 29.4	+1.1	NCUH	Zhongli	1.24 338	eP	Pn	08 27 35.4	+1.2	JOW			Sn	Sn	08 30 04.2	+0.7									
TWC			eS	Sn	08 27 40.7	+1.5	NCU	National Centr	1.24 338	eP	Pn	08 27 35.4	+1.2	NJ2	Nanjing	8.58 344	eP	Pn	08 29 14.8	-0.1									
WHP	Taichung City	0.82 305	eP	Sn	08 27 30.0	+1.5	NCU			eS	Sn	08 27 35.6	+1.4	KS19	Wonju Array Si	16.64 20	Pn	Pn	08 30 37.7	+0.2									
ENTT	Nioudou	0.83 352	↑P	Pn	08 27 29.3	+0.7	SNST	Tainan City	1.24 242	eP	Pn	08 27 36.3	+2.2	SLVN	Son La	16.61 265	Pn	Pn	08 31 02.2	-0.6									
EOS1	EOS1	0.84 29	eP	Pn	08 27 30.1	+1.5	SGST	Jiashian	1.25 235	eP	Pn	08 27 35.1	+0.8	BJI	Beijing	16.84 345	S	Sn	08 31 02.3	-3.3									
EOS1			eS	Sn	08 27 41.9	+2.1	SGST			eS	Sn	08 27 52.6	+2.7	BJI			Pmax	Pmax	08 34 11.5	-0.2									
ELDTW	Lidau	0.87 225	↑P	Pn	08 27 29.4	+0.1	NWF	Wu-fen Shan	1.26 4	eP	Pn	08 27 35.9	+1.4	BJI	comp=Z,8.0nm,0.7s		LR	LR											
ELDTW			eS	Sn	08 27 41.7	+0.7	NWF			eS	Sn	08 27 52.1	+1.9	BJI	comp=N,250nm,14.0s		LR	LR											
WJS	Zhushan	0.88 271	eP	Pn	08 27 30.8	+1.6	SLGT	Liuqiu	1.26 230	eP	Pn	08 27 37.2	+2.8	KMI	comp=Z,340nm,41.7s	17.30 278	P	P	08 31 22.5	-0.2									
WJS			eS	Sn	08 27 43.6	+2.7	WFSB	Wu-fen Shan	1.26 4	eP	Pn	08 27 36.0	+1.6	KMI			pP	pP	08 31 22.0	-2.0									
YHNB	Yeheng	0.90 342	↓P	Pn	08 27 30.5	+0.9	WTCT	Ta-ch'eng	1.29 273	↑P	Pn	08 27 36.6	+1.8	KMI	comp=Z,15nm,0.5s		pS	pS	08 31 27.0	-3.1									
YHNB			S	Sn	08 27 42.1	+0.5	TWS1	Kuangyinshan	1.31 349	eP	Sn	08 27 53.8	+2.9	KMI	comp=N,180nm,6.1s		pmax	pmax	08 34 19.8	-3.7									
YHNB	Yeheng	0.90 342	↓P	Pn	08 27 30.6	+0.9	JYNG	Yonangunijimaku	1.31 61	P	Sn	08 27 36.3	+1.2	KMI	comp=E,170nm,6.6s		LR	LR	08 34 34.3	+3.7									
YHNB			Sn	Pn	08 27 42.5	+0.9	JYNG			eS	Sn	08 27 52.8	+1.3	KMI	comp=Z,130nm,6.2s		LR	LR											
TWE	Neicheng	0.91 359	↑P	Pn	08 27 30.3	+0.7	YM01	YM01	1.33 355	eP	Pn	08 27 36.0	+0.5	KMI	comp=N,180nm,6.1s		LR	LR											
TWE			eS	Sn	08 27 43.0	+1.5	YM01			eS	Sn	08 27 53.2	+1.1	HHC	Hu-ho-hao-te	19.00 336	eP	Pn	08 31 32.8	+0.6									
NSK	Sanguang	0.91 341	↑P	Pn	08 27 30.7	+0.9	YM04	YM04	1.34 354	eP	Pn	08 27 35.5	-0.1	HHC			pmax	pmax											
NSK			eS	Sn	08 27 42.0	+0.1	YM10	YM10	1.34 355	eP	Pn	08 27 36.5	+0.8	GTA	Gaotai	24.17 315	eP	P	08 32 27.8	+2.4									
WNT	Mingjian	0.92 274	eP	Pn	08 27 31.9	+2.1	YM05	YM05	1.35 355	eP	Pn	08 27 36.3	+0.5	GTA			pP	pP	08 32 38.3	+0.4									
WNT			S	Sn	08 27 44.5	+2.6	YM05			eS	Sn	08 27 53.2	+0.7	GTA	comp=Z,3.0nm,0.8s		sP	sP	08 32 42.5	-1.0									
SLBB	Yuanshan	0.94 357	eP	Pn	08 27 30.0	-0.1	YM11	YM11	1.35 356	eP	Pn	08 27 35.8	0.0	GTA	comp=Z,59nm,6.7s		pmax	pmax											
CHNS	Tsauling	0.95 257	↑P	Pn	08 27 31.6	+1.3	NTST	Danshui	1.36 351	eP	Pn	08 27 37.3	+1.4	GTA	comp=N,220nm,17.1s		LR	LR											
CHNS			eS	Sn	08 27 44.8	+2.0	NTST			eS	Sn	08 27 54.6	+1.9	GTA	comp=E,380nm,18.1s		LR	LR											
ILA	Ilan	0.95 3	eP	Pn	08 27 32.0	+1.8	YOJ	Yonaguni jima	1.37 62	eP	Pn	08 27 37.1	+1.2	WMQ	Urumqi	34.24 314	eP	P	08 33 56.0	+1.2									
NWL	Wulai	0.98 350	eP	Pn	08 27 31.1	+0.5	YOJ	Yonaguni jima	1.37 62	P	Pn	08 27 37.1	+1.2	WMQ	comp=Z,11nm,0.6s		pmax	pmax											
TCU	Taichung	0.98 290	eP	Pn	08 27 32.4	+1.8	YOJ	Yonaguni jima	1.37 62	eS	Sn	08 27 34.4	+1.3	WMQ	comp=Z,320nm,6.9s		LR	LR											
TCU			eS	Sn	08 27 46.1	+2.6	YOJ			Sn	Sn	08 27 52.1	-0.8	WMQ	comp=N,950nm,29.2s		LR	LR											
TWQ1	Liyutan	0.99 303	↑P	Pn	08 27 32.4	+1.6	YM08	YM08	1.37 356	eP	Pn	08 27 36.3	+0.3	WMQ	comp=E,810nm,29.0s		LR	LR											
TWQ1			S	Sn	08 27 45.9	+2.2	ANP	Anpu	1.38 354	eP	Pn	08 27 36.5	+0.4	WMQ	comp=Z,150nm,25.1s		LR	LR											
NSTT	Nanjiang	1.03 323	↓P	Pn	08 27 33.1	+1.8	ECL	Taimali	1.39 209	eP	Pn	08 27 35.9	-0.2	MAKZ	Makanchi	39.13 316	P	Iamb	08 34 37.2	+0.9									
NSTT			S	Sn	08 27 46.2	+1.6	ECL			eS	Sn	08 27 52.6	-0.6	MAKZ			P	Iamb	08 34 38.6										
LIQB	Emei	1.03 324	↑P	Pn	08 27 33.0	+1.7	CHN8	Yiju	1.43 251	eP	Pn	08 27 37.6	+0.9	KSH	Kashi	41.49 303	eP	P	08 34 58.5	+2.4									
LIQB			S	Sn	08 27 46.7	+2.0	SSD	Sandimen	1.44 223	eP	Pn	08 27 39.4	+2.5	KSH			pP	pP	08 35 12.3	+3.5									
NSY	Sanyi	1.04 306	↑P	Pn	08 27 33.2	+1.8	TWY	Chentua	1.46 357	eP	Pn	08 27 38.8	+1.6	KSH			sP	sP	08 35 16.3	+2.0									
NSY			eS	Sn	08 27 47.1	+2.2	TWM1	Shoushan	1.52 230	eP	Pn	08 27 41.3	+3.2	KSH	comp=Z,130nm,5.7s		pmax	pmax	08 41 10.8	+2.3									
WGK	Gukeng	1.04 263	eP	Pn	08 27 33.6	+2.2	TWM1			eS	Sn	08 28 00.7	+4.0	KSH	comp=Z,120nm,7.1s		LR	LR											
NTC	Toucheng	1.05 7	eP	Pn	08 27 33.2	+1.8	MASBT	Mashibuluo	1.54 219	eP	Pn	08 27 39.6	+1.4	KSH	comp=Z,73nm,7.0s		LR	LR											
WDLH	Douliu	1.06 264	eP	Pn	08 27 33.3	+1.6	MASBT			eS	Sn	08 28 00.0	+3.0	PSAC3	Pilbara Seismi	45.20 182	P	P	08 35 26.3	+0.5									
WDLH			eS	Sn	08 27 48.7	+3.4	EAST	Anshuo	1.62 209	eP	Pn	08 27 40.3	+0.9	WRAB	Tennant Creek	45.20 163	P	P	08 35 27.0	+1.0									
WCHH	Zhanghua	1.07 285	eP	Pn	08 27 33.8	+2.0	SNJT	Kaohsiung City	1.63 230	eP	Pn	08 27 42.4	+2.9	WRAB			Iamb	Iamb	08 35 34.3										
WCHH			eS	Sn	08 27 48.8	+3.3	SCZT			eS	Sn	08 27 43.0	+2.0	MNCI	Minicy	48.96 260	P	P	08 35 54.4	-1.1									
STYT	Tauyuan	1.07 233	↑P	Pn	08 27 33.3	+1.4	LAY	Lan-yu	1.77 184	eP	Pn	08 27 40.9	-0.6	CTAO	Charters Tower	49.77 149	P	P	08 36 00.1	-1.3									
NMLH	Miaoli	1.09 312	eP	Pn	08 27 33.5	+1.4	WLCH	Liuqiu	1.89 220	eP	Pn	08 27 47.0	+4.0	FOR	Forrest	54.62 173	P	P	08 36 36.8	-0.5									
WDJ	Dajia District	1.10 299	eP	Pn	08 27 33.7	+1.6	IRIF	Iriomote-Funau	1.94 74	P	Pn	08 27 45.1	+1.4	TOO	Tooiangi	65.03 159	P	P	08 37 48.0	-0.7									
WDJ			eS	Sn	08 27 48.1	+1.9	WDGT	Dungji	1.94 254	eP	Pn	08 27 44.5	+0.8	RND	Reindeer	68.75 29	P	P	08 38 12.6	+0.5									
TPUB	Ta-pu	1.10 243	eP	Pn	08 27 33.8	+1.6	WDGT			eS	Sn	08 28 06.7	-0.2	INK	Inuvik	73.39 22	P	Iamb	08 38 45.1	+1.4									
TPUB			S	Sn	08 27 48.9	+2.7	HATJ	Hateruma jima	1.95 82	P	Sn	08 27 45.2	+1.3	INK			P	Iamb	08 39 00.8										
TPUB	Ta-pu	1.10 243	Sn	Pn	08 27 34.3	+2.0	HATJ			eS	Sn	08 28 08.6	+1.8	PCA	Pinnacle	73.55 31	P	P	08 39 42.0	+0.7									
PTSB	Yuanli	1.10 305	↑P	Pn	08 27 33.7	+1.5	PHUB	P'eng-hu	1.96 262	↑P	Pn	08 27 44.7	+0.7	CLL	Collm	82.63 323	eP	P	08 39 30.0	-1.6									
PTSB			eS	Sn	08 27 48.1	+1.8	PHUB			eS	Sn	08 28 08.1	+0.6	CLL			ePP	PP	08 42 37.0	-4.2									
CHN4	Tsashan	1.10 246	P	Pn	08 27 34.1	+1.8	PNG	Penghu	1.97 263	eP	Sn	08 27 44.4	+0.2	CASP	Castiglione de	88.16 316	P	P	08 39 58.5	-0.9									
CHN4																													

27d 9h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WHZT Whakaora, MRHZ Matea Rd, BKZ Black Stump Fm, etc.

ISC/JB 27 09:18:08.2.0.2.2.29N.0.03.126.92E.0.04.h53km, mb4.3/26.MS4.0/1, Error ellipse: s-maj=6.0km s-min=3.8km az=158.0

DJA 27 09:18:08.1.0.3.2.1N.2.12.7E. h10km, M4.5/10, mb4.8/4, mB5.0/S, ML4.4/10, Mw(mb)4.3/3

BUJ 27 09:18:08.1.0.2.2.10N.127.00E, h64km, mb4.7/23, mB5.2/20, Ms4.8/9, M5.7.4/6

NEIC 27 09:18:11.1.2.0.2.2.16N.0.08.126.84E.0.09, h67km, mb4.5/34

IDC 27 09:18:11.8.2.8.2.2.1N.126.76E, h75km, mb4.0/20, mb1.4/1.22, mb1mx3.9/44, mbtmp4.3/22, MS3.2/8, Ms1.3.3/8, ms1mx3.1/29, Error ellipse: s-maj=22.3km s-min=11.4km az=85.0

ISC 27 09:18:10.1.0.4.2.2.27N.0.04.126.90E.0.07, h53km, n98, s=152/99, mb4.4/39, 10K, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TMT Ternate, SGT Sangihe, KMS Cibinong, etc.

27d OCT

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, NANT Nan, NJ2 Nanjing, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ISC 27 09:26:32.0.1.8.28.52N.0.07.50.9E.0.1, h10km, n28, s=191/34, Persian Gulf

ISC/JB 27 09:26:32.5.1.1.28.49N.0.05.51.1E.0.1, h10km, Error ellipse: s-maj=14.6km s-min=4.3km az=157.0

THR 27 09:26:32.5.29.00N.50.90E, h24km, ML3.3

TEH 27 09:26:34.9.28.94N.50.95E, h5km, ML3.6

OMAN 27 09:26:35.9.0.5.28.59N.1.17E, h146km, mb2.2km, ml3.5/2, Error ellipse: s-maj=21.1km s-min=12.8km az=228.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like KHZ Kahutara, LTZ Lake Taylor, TOO Toolangi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like MAJO Matsushiro, MJB9 Matsu-Tunnel, JUNU Nakatsue, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like BILL Bilbino, GSPA South Pole Qui, GQA Gaotai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BHLL Bhanness, DORL Deir Qamar, RCY Rachaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THIG Thig, PCIG Santiago 3, CCIG Comitán, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AMTX Amarillo, AMTX Hobbs, U40A Yellville, etc.

SNET 27 13:46:02.1-0.8, 137.9N-91.23W, h34km, 21km, ML3.4, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RTR El Retiro, RTVE Cerro Verde, CEVE Ceve, etc.

ISCJB 27 13:51:39.0-0.6, 56.7S-0.1x150.8W, 0.2, h10km, mb4.3/6, MS3.5/4, Error ellipse: s-maj=20.1km s-min=13.9km az=10.3

NEIC 27 13:51:42.0-0.9, 56.6S-0.2x150.8W, 0.2, h15km, 3km, mb4.8/11

ISC 27 13:51:40.8-0.5, 56.6S-0.1x150.7W, 0.1, h10km, n56, o078/42, mb4.6/9, MS3.5/4, 1D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TBI Tubuai, GSPA South Pole Qui, TAOE Nuku Hiva Isla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, KLR Kul'dur, etc.

JMA 27 13:53:13.0-0.2, 37.39N-144.147E, h46km, M3.5, IDC 27 13:53:20.4-8.3, 36.94N-143.80E, h0km, mb3.2/2, mb1.3/5.9, mb1mx3.2/20, mbtmp3.2/3, ML2.5/1, Error ellipse: s-maj=173.1km s-min=37.2km az=20.0

ISC 27 13:53:15.5-1.3, 37.78N-0.06-144.05E, 0.07, h10km, n20, o133/26, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIKH Ishinomakibou, JIKH Ouri, JKM Kesenumamotoy, etc.

ATH 27 13:53:37.4, 38.64N-23.61E, h22km, ML3.5/31, Error ellipse: s-maj=0.8km s-min=0.6km az=111.0

ISCJB 27 13:53:38.4-0.2, 38.65N-0.01-23.64E, 0.02, h17km, 3km, Error ellipse: s-maj=2.4km s-min=2.1km az=7.0

THE 27 13:53:38.5, 38.62N-23.60E, h8km, ML3.6/15, Error ellipse: s-maj=0.5km s-min=0.2km az=79.0

ISK 27 13:53:44.8, 39.24N-23.74E, h16km, ML3.1/8, ISC 27 13:53:48.0-0.8, 38.84N-0.01-23.61E, 0.01, h15km, 5km, n128, o083/183, 6C-5D, Greece

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

27d 15h

Table with columns: Name, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Prodomos, Athens Observa, Skiros Island, etc.

2013 OCT

Table with columns: Name, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Drossia, Litokhoron, Kikokotos Trika, etc.

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Table with columns: Name, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, OMAN, BHL, DQML, etc.

27d 15h

356A	Blackshear	22.97	1	P			15 33 22.3 +1.8
355A	Pearson	22.98	359	P	P		15 33 21.4 +0.7
353A	Camilla	23.04	356	P	P		15 33 22.2 +0.9
TIGA	Tifton	23.10	358	P	P		15 33 22.5 +0.7
TIGA	Tifton	23.10	358	P	P		15 33 21.9 +0.1
BRAL	Brewton	23.19	350	P	P		15 33 24.6 +1.8
BRAL	Brewton	23.19	350	P	P		15 33 23.3 +0.5
352A	Blakely	23.23	355	P	P		15 33 24.0 +0.9
255A	Hazlehurst	23.57	0	P	P		15 33 27.1 +0.8
255A	Hazlehurst	23.57	0	P	P		15 33 26.4 +0.1
254A	Abbeville	23.59	358	P	P		15 33 27.5 +0.9
256A	Glennville	23.63	1	P	P		15 33 27.8 +0.9
252A	Lumpkin	23.72	355	P	P		15 33 28.6 +0.8
253A	Americus	23.75	357	P	P		15 33 27.8 -0.2
253A	Americus	23.75	357	P	P		15 34 20.8
250A	Grady	23.87	352	P	P		15 33 30.3 +1.1
250A	Grady	23.87	352	P	P		15 33 29.5 +0.4
250A	Grady	23.87	352	P	P		15 33 30.6
ZAIG	Zacatecas	24.05	309	P	P		15 33 33.7 +2.4
PTGA	Pitinga	24.21	111	P	P		15 33 33.1 +0.6
PTGA	Pitinga	24.21	111	P	P		15 33 33.4 +0.9
PTGA	Pitinga	24.21	111	P	P		15 33 32.8 +0.3
PTGA	Pitinga	24.21	111	P	P		15 33 34.5
154A	Montrose	24.25	359	P	P		15 33 33.6 +1.0
154A	Montrose	24.25	359	P	P		15 33 33.5 +0.8
155A	Kite	24.26	0	P	P		15 33 33.8 +1.1
156A	Sylvania	24.31	2	P	P		15 33 34.4 +1.2
153A	Fort Valley	24.32	357	P	P		15 33 34.1 +0.9
157A	Early Branch	24.36	3	P	P		15 33 34.7 +1.1
152A	Waverly Hall	24.39	356	P	P		15 33 34.7 +0.8
152A	Waverly Hall	24.39	356	P	P		15 33 33.6 -0.3
152A	Waverly Hall	24.39	356	P	P		15 33 34.6
CSU	Charleston Sou	24.73	5	P	P		15 33 36.9 -0.1
NHSC	New Hope	24.84	5	P	P		15 33 39.1 +1.1
NHSC	New Hope	24.84	5	P	P		15 33 38.4 +0.4
NHSC	New Hope	24.84	5	P	P		15 33 32.9
Z55A	Blythe	24.86	1	P	P		15 33 39.4 +1.2
Z54A	Sparta	24.87	359	P	P		15 33 39.0 +0.7
Z52A	Williamson	24.88	356	P	P		15 33 39.3 +0.8
HKT	Hockley	24.93	332	P	P		15 33 38.5 -0.3
HKT	Hockley	24.93	332	P	P		15 33 38.5 -0.3
HKT	Hockley	24.93	332	P	P		15 33 41.2
Z53A	Monticello	24.93	358	P	P		15 33 39.6 +0.8
VBMS	Vicksburg	24.98	344	P	P		15 33 40.5 +1.3
VBMS	Vicksburg	24.98	344	P	P		15 33 38.6 -0.7
VBMS	Vicksburg	24.98	344	P	P		15 33 41.2
Z56A	Williston	24.98	2	P	P		15 33 40.8 +1.5
Z56A	Williston	24.98	2	P	P		15 33 39.5 +0.2
Z56A	Williston	24.98	2	P	P		15 33 41.2
Z57A	Rowman	24.99	4	P	P		15 33 40.5 +1.2
LRAL	Lakeview Retre	25.01	351	P	P		15 33 40.3 +0.8
LRAL	Lakeview Retre	25.01	351	P	P		15 33 39.9 +0.3
LRAL	Lakeview Retre	25.01	351	P	P		15 33 43.4
GOGA	Godfrey	25.06	358	P	P		15 33 40.8 +0.8
GOGA	Godfrey	25.06	358	P	P		15 33 40.4 +0.4
GOGA	Godfrey	25.06	358	P	P		15 33 40.4 +0.4
GOGA	Godfrey	25.06	358	P	P		15 33 40.4 +0.4
GOGA	Godfrey	25.06	358	P	P		15 33 40.4 +0.4
Z51A	Franklin	25.07	355	P	P		15 33 40.7 +0.6
Z50A	Ashland	25.08	353	P	P		15 33 40.7 +0.5
Z50A	Ashland	25.08	353	P	P		15 33 40.6 +0.4
Z50A	Ashland	25.08	353	P	P		15 33 41.9
Z58A	St. Stephen	25.10	5	P	P		15 33 41.9 +1.5
Y56A	Pelion	25.45	2	P	P		15 33 44.7 +1.1
Y54A	Tignall	25.50	360	P	P		15 33 44.4 +0.5
Y53A	Monroe	25.51	358	P	P		15 33 44.7 +0.6
833A	Chaparral WMA	25.53	324	P	P		15 33 44.3 0.0
833A	Chaparral WMA	25.53	324	P	P		15 33 43.8 -0.5
833A	Chaparral WMA	25.53	324	P	P		15 34 19.2
Y52A	Lilburn	25.54	357	P	P		15 33 45.1 +0.7
Y52A	Lilburn	25.54	357	P	P		15 33 44.4 +0.1
Y52A	Lilburn	25.54	357	P	P		15 34 11.9
Y55A	Saluda	25.58	1	P	P		15 33 45.3 +0.6
Y51A	Rockmart	25.64	355	P	P		15 33 45.7 +0.4
Y58A	Scranton	25.68	6	P	P		15 33 46.8 +1.2
Y58A	Scranton	25.68	6	P	P		15 33 44.6 -1.0
Y58A	Scranton	25.68	6	P	P		15 34 14.8
Y57A	Sumter	25.73	4	P	P		15 33 47.0 +0.9
Y57A	Sumter	25.73	4	P	P		15 33 45.3 -0.7
Y49A	Blount Mountai	25.74	353	P	P		15 33 46.5 +0.3
Y48A	Blount Mountai	25.74	353	P	P		15 33 45.9 -0.3
SAML	Samuel	25.76	131	P	P		15 33 45.5 -1.1
SAML	Samuel	25.76	131	P	P		15 33 47.0 +0.4
SAML	Samuel	25.76	131	P	P		15 33 45.5 -1.1
SAML	Samuel	25.76	131	P	P		15 34 01.2
Y59A	Loris	25.84	7	P	P		15 33 46.6 -0.5
Y59A	Loris	25.84	7	P	P		15 34 01.6
HODGE	Hodges	25.86	1	P	P		15 33 47.4 +0.1
HODGE	Hodges	25.86	1	P	P		15 34 15.6
JSC	Jenkinsville	25.94	2	P	P		15 33 48.0 0.0
JSC	Jenkinsville	25.94	2	P	P		15 33 48.0 0.0
NATX	Nacogdoches	25.98	336	P	P		15 33 49.2 +0.8
NATX	Nacogdoches	25.98	336	P	P		15 33 48.1 -0.3
NATX	Nacogdoches	25.98	336	P	P		15 33 51.8
X53A	Estanolee	26.14	359	P	P		15 33 50.5 +0.6
X56A	White Oak	26.16	3	P	P		15 33 50.9 +0.9
X54A	Belton	26.18	0	P	P		15 33 50.8 +0.6

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X57A	Johnson Farm	26.19	5	P	P		15 33 51.0 +0.7
X52A	Dahlonega	26.26	357	P	P		15 33 51.4 +0.4
X51A	Calhoun	26.28	356	P	P		15 33 51.3 +0.2
X51A	Calhoun	26.28	356	P	P		15 33 51.1 0.0
FPAL	Flint Paine	26.32	354	P	P		15 33 51.1 -0.4
BIRD	Birdtown, Kers	26.34	4	P	P		15 33 51.7 0.0
X58A	Rowland	26.35	6	P	P		15 33 55.5 +3.8
X48A	Hartselle	26.41	352	P	P		15 33 52.5 +0.3
X48A	Hartselle	26.41	352	P	P		15 33 51.7 -0.6
X59A	McDuffie Farm	26.45	7	P	P		15 33 52.6 0.0
PAULI	Pauline	26.46	1	P	P		15 33 52.5 -0.2
435B	Jarrell	26.47	330	P	P		15 33 52.8 0.0
435B	Jarrell	26.47	330	P	P		15 33 52.4 -0.5
435B	Jarrell	26.47	330	P	P		15 34 19.1
BG3	Lake Jocassee	26.62	359	P	P		15 33 54.4 +0.2
Z41A	Richland Creek	26.64	341	P	P		15 33 54.4 0.0
Z41A	Richland Creek	26.64	341	P	P		15 33 53.9 -0.4
Z41A	Richland Creek	26.64	341	P	P		15 33 55.3
W54A	Cherokee Point	26.72	1	P	P		15 33 56.1 +1.1
W52A	Murphy	26.75	357	P	P		15 33 56.3 +0.9
W52A	Murphy	26.75	357	P	P		15 33 54.6 -0.8
KMSC	Kings Mountain	26.80	2	P	P		15 33 56.4 +0.7
KMSC	Kings Mountain	26.80	2	P	P		15 33 55.4 -0.3
W53A	Culwells	26.80	359	P	P		15 33 56.2 +0.3
W56A	Indian Trail	26.82	4	P	P		15 33 56.7 +0.7
W51A	Cleveland	26.87	356	P	P		15 33 56.6 +0.3
W57A	Gilead	26.89	5	P	P		15 33 56.7 +0.2
W57A	Gilead	26.89	5	P	P		15 33 56.5 0.0
OXF	Oxford	26.89	347	P	P		15 33 56.4 -0.2
OXF	Oxford	26.89	347	P	P		15 33 55.6 -1.0
OXF	Oxford	26.89	347	P	P		15 33 55.6 -1.0
CCAR	Cane Creek	26.93	343	P	P		15 33 56.6 -0.3
W50A	Signal Mountai	26.95	355	P	P		15 33 57.6 +0.5
W50A	Signal Mountai	26.95	355	P	P		15 33 57.1 0.0
W49A	Belville	26.97	353	P	P		15 33 57.5 +0.2
SWET	Swansee	27.02	354	P	P		15 33 57.5 -0.3
SWET	Swansee	27.02	354	P	P		15 33 59.0
PLAL	Pickwick Lake	27.09	350	P	P		15 33 58.0 -0.4
WLAR	White Oak Lake	27.14	340	P	P		15 33 58.3 -0.5
CPCT	Cooper Cave	27.14	356	P	P		15 33 58.9 +0.1
CPCT	Cooper Cave	27.14	356	P	P		15 34 33.7
X43A	Marvell	27.25	345	P	P		15 34 00.3 +0.5
X43A	Marvell	27.25	345	P	P		15 33 59.6 -0.2
X43A	Marvell	27.25	345	P	P		15 34 01.9
V53A	Saluda	27.30	360	P	P		15 34 00.2 0.0
TKL	Tuckaleechee C	27.31	358	P	P		15 33 59.7 -0.6
TKL	Tuckaleechee C	27.31	358	P	P		15 37 18.6 -0.4
TKL	Tuckaleechee C	27.31	358	P	P		15 34 02.2
JCT	Junction City	27.39	326	P	P		15 34 00.6 -0.5
JCT	Junction City	27.39	326	P	P		15 34 00.4 -0.7
JCT	Junction City	27.39	326	P	P		15 34 00.4 -0.7
JCT	Junction City	27.39	326	P	P		15 34 00.4 -0.7
JCT	Junction City	27.39	326	P	P		15 34 00.4 -0.7
WHTX	Lake Whitney	27.40	332	P	P		15 34 00.6 -0.6
WHTX	Lake Whitney	27.40	332	P	P		15 34 00.1 -1.0
WHTX	Lake Whitney	27.40	332	P	P		15 34 46.1
V50A	Pikeville	27.40	355	P	P		15 34 01.0 -0.1
V54A	Nebo	27.41	1	P	P		15 34 02.0 +0.7
V51A	Loudon	27.48	357	P	P		15 34 02.3 +0.4
V51A	Loudon	27.48	357	P	P		15 34 01.5 -0.3
V52A	Sevierville	27.49	358	P	P		15 34 01.9 0.0
V56A	Mocksville	27.50	4	P	P		15 34 02.8 +0.8
V56A	Mocksville	27.50	4	P	P		15 34 01.6 -0.4
V56A	Mocksville	27.50	4	P	P		15 34 33.8
V55A	Taylorville	27.51	2	P	P		15 34 00.7 -1.4
V49A	McMinnville	27.57	354	P	P		15 34 02.5 -0.1
V58A	Windy Hill, Pi	27.60	6	P	P		15 34 03.2 +0.3
V58A	Windy Hill, Pi	27.60	6	P	P		15 34 02.5 -0.4
V57A	Coltrane Farms	27.63	5	P	P		15 34 03.5 +0.3
V48A	Smith Brothers	27.65	352	P	P		15 34 03.7 +0.3
V48A	Smith Brothers	27.65	352	P	P		15 34 03.0 -0.3
V48A	Smith Brothers	27.65	352	P	P		15 34 04.4
X40A	Basin Creek Fa	27.78	342	P	P		15 34 03.4 -1.2
X40A	Basin Creek Fa	27.78	342	P	P		15 34 02.9 -1.7
UALR	University of Ce	27.90	343	P	P		15 34 04.6 -1.0
CLTN	Cedars of Leba	27.93	353	P	P		15 34 05.5 -0.4
U53A	Full Branch	27.99	360	P	P		15 34 07.0 +0.5
U56A							

Q49A	Aurora	30.70	356	P	P	15 34 30.4	0.0
CCM	Cathedral Cave	30.70	346	P	P	15 34 30.0	-0.5
CCM	Cathedral Cave	30.70	346	P	P	15 34 29.1	-1.3
CCM	Cathedral Cave			pmax	pmax		
	comp=Z,105nm,0.8s						
CCM	Cathedral Cave	30.70	346	P	P	15 34 29.1	-1.3
OLIL	Olney	30.77	351	P	P	15 34 30.1	-0.9
OLIL	Olney			PcP	P	15 37 27.9	-0.3
B57A	Strasburg	30.88	6	P	P	15 34 33.3	+1.3
BLO	Bloomington	31.00	354	P	P	15 34 32.3	-0.8
BLO	Bloomington			pmax	pmax		
	comp=Z,31nm,0.8s						
BLO	Bloomington	31.00	354	P	P	15 34 32.2	-0.8
BLO	Bloomington			IAMB	IAMB	15 34 33.5	
	comp=Z,31nm,0.8s						
SLM	Saint Louis	31.04	348	P	P	15 34 32.8	-0.6
SLM	Saint Louis			pmax	pmax		
	comp=Z,112nm,0.8s						
SLM	Saint Louis	31.04	348	P	P	15 34 32.8	-0.6
P51A	Williamsport	31.11	359	P	P	15 34 34.3	+0.3
	baz=179						
P53A	Whipple	31.13	2	P	P	15 34 34.7	+0.6
	baz=182,SNR=5.3						
P53A	Whipple	31.13	2	P	P	15 34 34.4	+0.2
P53A	Whipple			IAMB	IAMB	15 34 55.9	
	comp=Z,28nm,0.8s						
P48A	Milroy	31.19	356	P	P	15 34 34.2	-0.5
	baz=174,SNR=6.9						
P48A	Milroy	31.19	356	P	P	15 34 34.2	-0.5
P48A	Milroy			IAMB	IAMB	15 34 34.8	
	comp=Z,45nm,1.1s						
Q60A	Greensboro	31.21	10	P	P	15 34 34.8	0.0
P49A	Miami Univ. Ec	31.22	357	P	P	15 34 34.4	-0.5
	baz=176						
P55A	Reedsville	31.23	4	P	P	15 34 36.8	+1.7
	baz=185						
P50A	Jamestown	31.25	358	P	P	15 34 35.5	+0.2
	baz=178						
GD1L	Guadalupe Moun	31.29	323	P	P	15 34 36.1	+0.3
P56A	Dayton Farm, R	31.30	6	P	P	15 34 36.6	+0.9
	baz=187						
P57A	Homestead Farm	31.37	7	P	P	15 34 38.4	+2.1
	baz=189						
MCVW	Mont Chateau	31.37	4	P	P	15 34 36.3	0.0
SDMD	Soldier's Deli	31.45	8	P	P	15 34 36.3	0.7
P46A	Rosedale	31.52	353	P	P	15 34 37.0	-0.6
	baz=171						
MNTX	Cornudas Mount	31.57	321	P	P	15 34 38.6	+0.4
	baz=133,SNR=3.2						
MNTX	Cornudas Mount	31.57	321	P	P	15 34 37.6	-0.5
MNTX	Cornudas Mount			IAMB	IAMB	15 34 39.6	
	comp=Z,21nm,0.9s						
MSTX	Muleshoe	31.67	327	P	P	15 34 38.5	-0.7
	baz=139,SNR=9.3						
MSTX	Muleshoe	31.67	327	P	P	15 34 38.2	-1.0
O51A	Pataskala	31.77	360	P	P	15 34 40.0	+0.2
	baz=180						
U32A	Winter Ranch,	31.77	334	P	P	15 34 39.0	-1.0
U32A	Winter Ranch,			IAMB	IAMB	15 34 40.0	
	comp=Z,43nm,1.3s						
O50A	Cable	31.78	358	P	P	15 34 40.0	+0.1
	baz=178,SNR=5.2						
AMTX	Amarillo	31.80	329	P	P	15 34 39.8	-0.5
	baz=142						
AMTX	Amarillo	31.80	329	P	P	15 34 39.2	-1.1
O49A	Covington	31.85	357	P	P	15 34 40.0	-0.5
	baz=177						
O49A	Covington	31.85	357	P	P	15 34 39.8	-0.7
O49A	Covington			IAMB	IAMB	15 34 41.0	
	comp=Z,59nm,1.6s						
ACSO	Alum Creek Sta	31.86	359	P	P	15 34 40.8	+0.2
	baz=179						
ACSO	Alum Creek Sta	31.86	359	P	P	15 34 39.8	-0.7
ACSO	Alum Creek Sta			IAMB	IAMB	15 35 06.3	
	comp=Z,49nm,1.2s						
O54A	Avella	31.86	3	P	P	15 34 41.3	+0.7
	baz=184						
P43A	Skaggs, Pawnee	31.88	350	P	P	15 34 40.4	-0.3
	baz=187,SNR=9.3						
P43A	Skaggs, Pawnee	31.88	350	P	P	15 34 39.5	-1.3
O53A	New Philadelphia	31.89	2	P	P	15 34 41.3	+0.4
	baz=182						
O55A	Ligonier	31.96	5	P	P	15 34 42.3	+0.8
	baz=186						
O57A	Amberson	32.13	7	P	P	15 34 44.0	+1.1
	baz=189						
O58A	Lewisberry	32.14	8	P	P	15 34 44.8	+1.7
	baz=190						
PSUB	Penn St. - Bra	32.18	10	P	P	15 34 42.0	-1.4
PSUB	Penn St. - Bra			IAMB	IAMB	15 35 07.7	
	comp=Z,20nm,1.0s						
O44A	Mansfield	32.21	351	P	P	15 34 43.1	-0.5
	baz=169						
O44A	Mansfield	32.21	351	P	P	15 34 42.4	-1.2
SFIN	Lafayette	32.26	353	P	P	15 34 43.1	-1.0
	baz=172,SNR=8.3						
SFIN	Lafayette	32.26	353	P	P	15 34 42.6	-1.4
SFIN	Lafayette			IAMB	IAMB	15 34 43.7	
	comp=Z,28nm,0.8s						
N50A	Nevada	32.40	359	P	P	15 34 45.3	0.0
	baz=179						
O59A	Robesonia	32.43	9	P	P	15 34 47.9	+2.3
	baz=192						
SSPA	Standing Stone	32.52	7	P	P	15 34 47.4	+1.0
	baz=188						
SSPA	Standing Stone	32.52	7	P	P	15 34 47.0	+0.6
SSPA	Standing Stone			IAMB	IAMB	15 34 48.1	
	comp=Z,22nm,1.1s						
N51A	Ashland	32.54	0	P	P	15 34 46.4	-0.2
	baz=180						
N51A	Ashland	32.54	0	P	P	15 34 46.0	-0.6
N51A	Ashland			IAMB	IAMB	15 35 10.1	
	comp=Z,24nm,0.8s						
N48A	Decatur	32.55	356	P	P	15 34 46.4	-0.2
	baz=175						
N55A	Marion Center	32.56	5	P	P	15 34 47.0	+0.3
	baz=186						
N49A	Columbus Grove	32.58	358	P	P	15 34 46.7	-0.2
	baz=177						
N49A	Columbus Grove	32.58	358	P	P	15 34 45.8	-1.1
N47A	Urbana	32.62	356	P	P	15 34 46.1	-1.1
	baz=174						
N47A	Urbana	32.62	356	P	P	15 34 45.9	-1.3
N47A	Urbana			IAMB	IAMB	15 34 46.9	
	comp=Z,24nm,0.9s						
N54A	Moraine State	32.66	4	P	P	15 34 48.0	+0.4
	baz=185						
N57A	Milroy	32.68	7	P	P	15 34 48.2	+0.5
	baz=189						
HD1L	Hopedale	32.73	350	P	P	15 34 47.4	-0.9
	baz=168,SNR=11						
HD1L	Hopedale	32.73	350	P	P	15 34 47.0	-1.2
N56A	West Decatur	32.76	6	P	P	15 34 49.3	+0.9
	baz=188						
N58A	Sunbury	32.87	8	P	P	15 34 51.3	+1.9
	baz=191						
N58A	Sunbury	32.87	8	P	P	15 34 50.4	+1.0
N58A	Sunbury			IAMB	IAMB	15 34 51.9	
	comp=Z,31nm,1.2s						
M47A	Crowell	33.09	356	P	P	15 34 50.5	-0.9
	baz=174,SNR=5.6						
N41A	Harden Midland	33.16	348	P	P	15 34 50.9	-1.1
	baz=165,SNR=21						
N41A	Harden Midland	33.16	348	P	P	15 34 50.0	-1.6
KSU1	Kansas State	33.22	340	P	P	15 34 52.0	-0.6
	baz=154,SNR=8.3						
M54A	Oil Creek Stat	33.23	4	P	P	15 34 52.5	0.0
M55A	Ridgway	33.26	5	P	P	15 34 53.5	+0.6
	baz=187						
M55A	Ridgway	33.26	5	P	P	15 34 53.2	+0.4
M55A	Ridgway			IAMB	IAMB	15 35 35.3	
	comp=Z,34nm,1.3s						
M57A	Sunshine Farm,	33.31	7	P	P	15 34 54.1	+0.9
	baz=190						
M57A	Sunshine Farm,	33.31	7	P	P	15 34 53.6	+0.3
M57A	Sunshine Farm,			IAMB	IAMB	15 35 27.7	
	comp=Z,35nm,1.1s						
M56A	Emporium	33.33	6	P	P	15 34 53.6	+0.2
	baz=188						
M56A	Emporium	33.33	6	P	P	15 34 53.4	-0.1
M56A	Emporium			IAMB	IAMB	15 35 15.4	
	comp=Z,22nm,0.9s						
M44A	Midewin, Midew	33.37	352	P	P	15 34 51.9	-1.8

LVC	Limon Verde	33.45	157	P
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27d 15h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like E62A Clayton Lake, LA70 La Tuque, Q160 Castle Valley, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like REDW Red Top Meadow, SNOW Snow King Moun, TP4W Teton Pass, etc.

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Table with columns: Call Sign, Location, Frequency, Power, Mode, and Signal Quality. Includes stations like M04C Macdoel, WALA Waterton Lakes, G08A Pilot Rock, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Knik Glacier, Sawmill, Harding Lake, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Eskdalemuir, TDR A, FIGM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSAR, Wonju Array Be, KSAR, etc.

ISCJB 27 16:26:32.8±0.4, 27:00N±0.04±0.10E±0.05, h10km, Error ellipse: s-maj=5.5km s-min=3.6km az=141.8

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC Res. Includes stations like Przhval'sk, UZB, etc.

Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm;
 M₁₁:2.06; M₂₂:0.48; M₃₃:1.56; M₄₄:0.36; M₅₅:0.98; M₆₆:0.32;
 Fault plane solution: M2:16000/1017; NP1:26.10000°;
 539.04000°, λ:-96.69000°. NP2:214.68000°; 551.28000°;
 λ:-84.61000°. Principal axes: T 2.2055, Plg6.0000°;
 Azm301.0000°; N -0.0870, Plg4.0000°; Azm31.0000°; P
 -2.1184, Plg83.0000°; Azm155.0000°;
 BUJ 27 18:13:07.1±0.0, 37.37N; 144.25E, h20km, mb5.5/85,
 mb5.6/64, Ms5.5/95, Ms7.5/387
 GCMT 27 18:13:08.4±0.1, 37.21N; 0.101; 144.53E; 0.01, h32km,
 MW5.6/136, Moment Tensor Solution: s15.6211;
 s136.c281; Duration: 166. Moment tensor: Scale 10¹⁷
 Nm; M₁₁:3.17±0.4; M₂₂:0.17±0.3; M₃₃:3.34±0.3;
 M₄₄:0.73±0.5; M₅₅:0.69±0.3; M₆₆:0.84±0.5; Best double
 couple: M3:50700/1017; NP1:201.00000°; 854.00000°;
 λ:-78.00000°. NP2:20.00000°; 838.00000°; λ:-106.00000°;
 Principal axes: T 3.6070, Plg8.0000°; Azm282.0000°; N
 -0.2050, Plg10.0000°; Azm13.0000°; P -3.4070,
 Plg77.0000°; Azm153.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 Triangular moment-rate function
 JMA 27 18:13:08.8±0.2, 37.25N; 144.38E, h52km, M5.6
 JMA Fall 11.
 ISC 27 18:13:06.5±0.4, 37.16N; 0.033; 144.63E; 0.03, h24km, 2km,
 h2km; pP-P.1833, r135/1809, mb5.8/314, MS5.2/264,
 113C-111D, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JIKH	Ishinomakikobu	2.76	296	Op	18 13 49.0	+0.2
JIKH	Ouri	2.90	297	↑P	18 14 18.4	-3.3
JIO	Kesennumamotoy	2.99	304	↑P	18 14 22.2	-3.0
JKMT	Kawauchi	3.00	275	↑P	18 13 52.2	-0.4
JFK	Ofunato	3.02	310	↑P	18 13 52.4	-0.4
OFUJ	Minamisoumatoc	3.03	282	↑P	18 14 24.5	-3.7
JMST	Iwakimizuishiy	3.06	270	↑P	18 13 52.8	-0.6
ONAJ	Marumori	3.13	275	↑P	18 13 53.9	-0.4
JMK	Ichinoseki	3.23	305	↑P	18 13 55.6	-0.1
JMK	Fukushimafurud	3.25	270	↑P	18 13 55.5	-0.7
MIYJ	Miyakonagasawa	3.27	318	↑P	18 13 56.0	+0.5
JYOJ	Osakifurukawao	3.27	287	↑P	18 13 56.0	+0.5
JMM	Hitachi	3.35	282	↑P	18 13 57.1	-0.1
JOUU	Hitachinakayam	3.35	277	↑P	18 13 57.1	-0.1
JOU	Okura	3.36	292	↑P	18 13 57.9	+0.4
JFT	Otama	3.44	277	↑P	18 14 35.4	-1.3
JOM	Ohasama	3.50	312	↑P	18 13 59.3	0.0
JTH	Tanohata	3.52	323	↑P	18 13 59.1	-0.6
JYS	Shirataka	3.77	288	↑P	18 14 03.5	+0.4
JYK	Kaneyama	3.80	299	↑P	18 14 03.9	+0.4
JYK	Kujidenarisaw	3.80	324	↑P	18 14 45.1	-2.3
JKEN	Kuzumaki	3.83	319	↑P	18 14 03.9	0.0
JRG	Kokugom	3.86	307	↑P	18 14 04.5	+0.2
JRG	Iwateshizukuis	3.87	313	↑P	18 14 04.6	+0.1
BSO1	Boso 1	3.88	321	↑P	18 14 03.7	-0.4
JFY	Yanaiizu	3.93	275	↑P	18 14 05.7	-0.6
JANG	Nango	4.03	324	↑P	18 14 05.9	-0.7
JYA	Atsumi	4.14	292	↑P	18 14 08.7	+0.5
JYJZ	Yamagatayazu	4.14	298	↑P	18 14 09.3	+1.1
JYH	Yuwa	4.21	306	↑P	18 14 09.9	+0.8
JAW	Hinai	4.35	315	↑P	18 14 13.0	+0.3
JAH	Hiroka	4.48	273	↑P	18 14 13.5	+0.7
JHK	Tobi-shima	4.48	299	↑P	18 14 13.2	+0.3
JTM	Tenmabayashi	4.56	324	↑P	18 14 14.0	+0.0
JARK	Aomoriokkasho	4.61	328	↑P	18 14 13.7	-0.8
JNTW	Noshirookawa	4.67	313	↑P	18 14 16.2	+0.7
JRV	Ryogami san	4.75	258	↑P	18 14 16.3	-0.3
JRY	Aomorihihigashid	4.83	329	↑P	18 15 07.5	-3.3
JJAH	Odawara 2	4.86	249	↑P	18 14 17.3	-0.3
JOD2	Iwasaki	4.97	315	↑P	18 14 17.8	-0.3
JJW	Erimo	4.98	347	↑P	18 14 20.1	+0.4
ERM	Erimo	4.98	347	↑P	18 14 18.8	-0.9
JOT	Ohata	5.05	328	↑P	18 14 21.6	+1.0
JSI2	Shiura 2	5.09	321	↑P	18 14 21.5	+0.3
JOG3	Og3	5.15	304	↑P	18 14 15.5	-6.5
JGJ3	Matsushiro Arr	5.18	265	↑P	18 14 23.5	+1.0
MJAR	base=74, slow=26, SNR=2.1					
MJAR	comp=Z,27um,19.1s,baz=75,slow=42					
MJAR	Matsushiro Arr	5.18	265	↑P	18 14 22.9	+0.4
MJAR	Matsushiro	5.19	265	↑P	18 15 17.0	
MJAR	Matsushiro	5.18	265	↑P	18 14 22.9	+0.4
MAJO	Matsushiro	5.19	265	↑P	18 14 24.1	+1.5
MAJO	comp=Z,2um,0.5s					
MAJO	Matsushiro	5.19	265	↑P	18 14 23.9	+1.4
MAT	Matsushiro	5.19	265	↑P	18 14 23.9	+1.3
MAT	Matsushiro	5.19	265	↑P	18 15 20.4	-1.3
MIJ9	Matsu-Tunnel	5.18	331	↑P	18 14 24.0	+1.4
JKB	Chayui	5.49	365	↑P	18 14 26.7	+0.2
JKB	Chayui	5.49	365	↑P	18 15 24.1	-4.7
JCH	Kurui	5.54	350	↑P	18 14 26.2	-1.1
JCH	Mitsune	5.64	226	↑P	18 15 24.8	-5.4
JHJ2	Mitsune	5.64	226	↑P	18 14 27.2	-1.6
JHJ2	Mitsune	5.64	226	↑P	18 14 27.5	-1.3
JHJ	Hachijo jima 2	5.66	226	↑P	18 14 27.3	-1.7
JHJ	comp=Z,517nm,0.3s,baz=90,slow=20,SNR=140					
JHJ	comp=Z,2um,0.3s,baz=58,slow=23,SNR=12					
NEM2	Nemuro 2	6.26	7	↑P	18 14 34.7	-2.5
NEM2	Okushiri-Mats	6.32	323	↑P	18 15 39.8	-8.1
JOSM	Inuyama	6.41	356	↑P	18 14 37.8	-0.3
INU	Abashiri-Toko	6.41	356	↑P	18 14 40.0	+0.6
JTKR	Tuman	6.88	7	↑P	18 14 44.1	-0.9
GRPR	Yuzh-Kuril'sk	6.93	70eP	↑P	18 15 56.3	-5.6
YUK	Hokuryu	6.94	342	↑P	18 14 43.1	-2.7
JHR	Lagunnoye	6.95	7	↑P	18 14 44.6	-1.9
JHR	Lagunnoye	6.95	7	↑P	18 14 47.3	+0.7
JHR	Lagunnoye	6.95	7	↑P	18 16 00.1	-4.6
JHR	Lagunnoye	6.95	7	↑P	18 14 44.8	-1.9
JIE	Kamikawa-asahi	7.00	249	↑P	18 14 47.7	+0.2
JKA	Asahikawa	7.12	348	↑P	18 14 48.3	-0.8
JKA	Asahikawa	7.12	348	↑P	18 16 06.8	-2.3
ASAJ	comp=Z,190nm,0.3s,baz=193,slow=9,SNR=540					
ASAJ	Asahikawa	7.12	348	↑P	18 14 48.3	-0.8
ASAJ	comp=Z,73nm,0.3s,baz=137,slow=19,SNR=8.3					
ASAJ	Asahikawa	7.12	348	↑P	18 16 06.8	-2.3
ASAJ	Asahikawa	7.12	348	↑P	18 14 48.3	-0.8
TT01	Wachi	7.31	243	↑P	18 16 06.8	
JWT	Tanabenahech	8.07	248	↑P	18 14 52.0	+0.5
JTNC	Keihoku	8.40	347	↑P	18 15 27.9	+0.2
JWK2	Kuril'sk	8.43	16	↑P	18 15 07.7	+1.0
KUR	Kuril'sk	8.43	16	↑P	18 15 04.5	-2.5
KUR	Kuril'sk	8.43	16	↑P	18 16 32.6	-8.7
KUR	comp=Z,3um,1.3s					
KUR	comp=N,341nm,0.4s					
KUR	comp=E,288nm,0.4s					
KUR	comp=Z,845nm,0.4s					
KUR	comp=N,3um,0.3s					
KUR	comp=E,3um,0.5s					
KUR	comp=N,3um,1.1s					
KUR	comp=E,8um,1.1s					
KUR	comp=Z,1um,11.0s					
KUR	comp=N,8um,14.0s					

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KUR	comp=E,6um,13.0s					
JOI	OKI	9.18	268	↑P	18 15 18.4	+1.1
JHS	Saiyo	9.56	260	↑P	18 15 22.9	+0.2
JHS	Yuzh-Sakhalins	9.59	353	↑P	18 17 07.3	-2.1
YSS	Yuzh-Sakhalins	9.59	353	↑P	18 15 26.1	-0.9
YSS	Ternei	9.93	325	↑P	18 15 27.9	+0.4
TEY	comp=Z,4um,2.2s					
TEY	comp=N,3um,2.2s					
TEY	comp=E,3um,2.2s					
TEY	comp=N,850nm,0.9s					
TEY	comp=E,790nm,0.9s					
TEY	comp=Z,1um,0.9s					
TEY	comp=E,170nm,0.7s					
TEY	comp=N,150nm,0.8s					
TEY	comp=Z,310nm,1.0s					
TEY	comp=N,5um,17.0s					
TEY	comp=Z,1um,16.0s					
JCJ	Chichijima	10.24	192	↑P	18 15 28.1	-3.9
JCJ	comp=Z,133nm,0.3s,baz=295,slow=11,SNR=30					
JCC	Vladivostok	11.42	305	↑P	18 17 14.0	-1.2
VLA	comp=Z,2um,1.7s					
MSHR	Mys Shults	11.68	302	↑P	18 15 52.0	+0.5
USA0B	Ussuriysk Arra	11.89	310	↑P	18 15 54.9	+0.5
USA0B	Ussuriysk Arra	11.89	310	↑P	18 15 54.9	+0.5
USRK	Ussuriysk Arr	11.89	310	↑P	18 15 54.2	-0.2
USRK	comp=Z,9.7nm,0.3s,baz=120,slow=12,SNR=279					
USRK	Ussuriysk Ar.	11.89	310	↑P	18 20 29.7	
USRK	Ussuriysk Ar.	11.89	310	↑P	18 15 54.4	0.0
USRK	Ussuriysk Ar.	11.89	310	↑P	18 15 54.4	0.0
JNU	Nakatsue	11.95	254	↑P	18 15 54.5	-0.9
JNU	comp=Z,12nm,0.3s,baz=55,slow=7.8,SNR=129					
JNU	comp=Z,11um,19.1s,baz=76,slow=43					
JNU	Nakatsue	11.95	254	↑P	18 15 55.4	0.0
UGL	Uglegorsk	12.06	352	↑P	18 15 56.2	-0.5
UGL	comp=Z,193nm,0.7s					
UGL	comp=N,158nm,2.3s					
UGL	comp=E,152nm,0.9s					
UGL	comp=E,8um,14.0s					
UGL	comp=Z,5um,14.0s					
UGL	comp=N,6um,16.0s					
KSRS	Korea Array	13.31	276	↑P	18 16 15.0	+1.2
KSRS	comp=N,14nm,0.3s,baz=90,slow=13,SNR=157					
KSRS	comp=N,13um,18.6s,baz=92,slow=38					
KSRS	comp=N,0.1nm,0.3s,baz=98,slow=1.4,SNR=7.6					
KSRS	Korea Array	13.31	276	↑P	18 16 15.0	+1.2
KSAR	Wonju Array Be	13.34	276	↑P	18 16 13.9	-0.3
KSAR	Wonju Array Be	13.34	276	↑P	18 16 13.9	-0.3
KSAR	Wonju Array Si	13.35	277	↑P	18 16 15.3	+1.0
MDJ	Mudanjiang	13.59	308	↑P	18 16 20.5	-5.8
MDJ	comp=N,330nm,0.9s					
MDJ	comp=N,12um,17.8s					
MDJ	comp=N,10um,19.2s					
MDJ	comp=N,18um,18.5s					
MDJ	Mudanjiang	13.59	308	↑P	18 16 17.4	-0.1
TYV	Tymovskoe	13.77	355	↑P	18 16 10.1	-1.0
TYV	comp=Z,900nm,4.7s					
TYV	comp=Z,23nm,1.6s					
TYV	comp=N,6um,15.0s					
TYV	comp=Z,10um,15.0s					
GRNR	Gornyy	14.82	339	↑P	18 16 33.2	-1.2
GRNR	comp=N,32nm,0.6s					
GRNR	comp=Z,30nm,0.6s					
KLR	Kul'dur	15.26	326	↑P	18 16 37.5	-2.8
KLR	comp=Z,3.1nm,0.3s,baz=130,slow=13,SNR=72					
KLR	comp=Z,7um,18.6s,baz=142,slow=38					
KLR	Kul'dur	15.26	326	↑P	18 22 48.2	
KLR	comp=Z,106nm,0.9s					
SKR	Severo-Kuril's	15.82	281	↑P	18 16 38.5	-1.8
KN2	Changchun	16.01	300	↑P	18 16 48.7	+1.2
KN2	comp=Z,38nm,0.8s					
KN2	comp=Z,50nm,1.3s					
KN2	comp=Z,1um,4.0s					
KN2	comp=Z,5um,16.0s					
KN2	comp=Z,8um,16.0s					
KN2	comp=Z,8um,20.0s					
NKL	Nikolayevsk	16.23	351			

Table with columns: Station, Name, Time, Type, Status, and other details. Includes stations like H11N3 WAKE ISLAND, WAKE Island, SEY Seymchan, etc.

Table with columns: Station, Name, Time, Type, Status, and other details. Includes stations like CGP Cagayan de Oro, MOY Mondy, CD2 Chengdu, etc.

Table with columns: Station, Name, Time, Type, Status, and other details. Includes stations like CMAR Chiang Mai Arr, NRIK Nori'sk, ZSN Zaisan, etc.

27d 18h

Table with columns for station name, frequency, power, and status. Includes stations like SCM, KURK, KAPU, KAPU, KAPU, etc.

2013 OCT

Table with columns for station name, frequency, power, and status. Includes stations like MDOK, CTGM, AAA, AAA, AAA, etc.

1390

Table with columns for station name, frequency, power, and status. Includes stations like LHMI, WHY, WHY, SKAG, NGJI, JMBI, etc.

1391

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KBS Kingsbay, AS31 Alice Springs, ASAR Alice Springs, etc.

2013 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like C09A Chrisman Ranch, F07A Phinny Hill Vt, J04D Umpqua Nationa, etc.

27d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like VSU comp=Z,124nm,1.4s, PNTR Pine Nut, SAO San Andreas Ge, etc.

1395 **2013 OCT** **27d 18h**

E58A	La Victoria	90.14	25	P	P	18 26 04.3	-0.2
ORIO	Orleans, Innes	90.16	27	P	P	18 26 04.0	-0.6
ORIO	Orleans, Innes	90.16	27	P	P	18 26 04.2	-2.2
TIP	Timpagrande	90.16	322	↑	P	18 26 03.8	-1.1
DELO	Deloro Mine	90.16	29	P	P	18 26 12.9	
DELO	Deloro Mine	90.16	29	P	P	18 26 04.2	+0.5
DELO	Deloro Mine	90.16	29	P	Iamb	18 26 12.5	
OLIL	Olney	90.21	38	IAMS_20	IAMS_20	19 13 00.2	
ALFO	Alfred	90.23	27	P	P	18 26 04.5	-0.4
DRWO	Darlington Wes	90.27	30	P	P	18 26 06.0	+0.9
H55A	Tweed	90.30	28	P	P	18 26 05.1	-0.2
E59A	St. Maurice	90.31	25	P	P	18 26 05.5	+0.2
N49A	Columbus Grove	90.36	35	P	P	18 26 05.7	+0.1
K52A	Tiltsburg	90.37	32	P	P	18 26 06.0	+0.4
PLIO	Pelee Island,	90.39	33	P	P	18 26 05.6	-0.1
I55A	Frankford	90.39	29	P	P	18 26 05.2	-0.5
D61A	St Aubert, Com	90.42	23	P	P	18 26 05.6	-0.1
S44A	Carbondale	90.42	40	P	P	18 26 06.2	+0.2
SIUC	Southern Illin	90.42	40	IAMS_20	IAMS_20	19 01 34.8	
D60A	Saint Jean D'O	90.44	23	P	P	18 26 05.6	-0.3
MIAR	Mount Ida	90.46	45	P	P	18 26 06.5	+0.2
TYNO	Tyneside	90.46	31	P	P	18 26 06.4	+0.4
PBMO	Poplar Bluff	90.51	41	Iamb	Iamb	18 26 14.7	
H56A	Elgin	90.61	28	P	P	18 26 06.4	-0.4
BLO	Bloomington	90.64	37	IAMS_20	IAMS_20	19 03 44.6	
G57A	Newington	90.64	27	P	P	18 26 06.3	-0.5
STCO	Saint Catharin	90.65	30	P	P	18 26 07.1	+0.2
W41B	Gary Mavity, V	90.73	43	P	P	18 26 07.2	-0.3
W41B	Gary Mavity, V	90.73	43	Iamb	Iamb	18 26 15.6	
E60A	Ste Agathe de	90.76	24	P	P	18 26 07.1	-0.3
F59A	Saint Guillaume	90.77	25	P	P	18 26 07.5	+0.1
J54A	Appleton	90.81	30	P	P	18 26 07.9	+0.2
J54A	Appleton	90.81	30	IAMS_20	IAMS_20	19 04 31.6	
435B	Jarrell	90.82	50	P	P	18 26 07.9	-0.1
435B	Jarrell	90.82	50	IAMS_20	IAMS_20	19 11 09.0	
O49A	Covington	90.87	35	P	P	18 26 08.1	+0.1
O49A	Covington	90.87	35	IAMS_20	IAMS_20	19 04 30.6	
D62A	Allapoint, All	90.87	22	P	P	18 26 08.0	+0.1
D62A	Allapoint, All	90.87	22	Iamb	Iamb	18 26 16.1	
PECO	Prince Edward	90.89	29	P	P	18 26 07.6	-0.5
X40A	Basin Creek Fa	90.91	44	P	P	18 26 08.3	0.0
X40A	Basin Creek Fa	90.91	44	IAMS_20	IAMS_20	19 07 51.6	
M51A	Elyria	90.92	33	P	P	18 26 07.8	-0.5
G58A	Ormsdown	90.94	26	P	P	18 26 07.7	-0.6
P48A	Milroy	90.94	36	P	P	18 26 08.1	-0.3
P48A	Milroy	90.94	36	IAMS_20	IAMS_20	19 04 06.4	
N50A	Nevada	90.95	34	P	P	18 26 08.6	+0.2
MEDO	Medina	90.97	30	IAMS_20	IAMS_20	19 03 10.9	
H57A	Richville	91.05	27	P	P	18 26 08.1	-0.7
M52A	Chesterland	91.11	33	P	P	18 26 08.8	-0.4
J55A	Hilton	91.14	30	P	P	18 26 08.5	-0.7
E62A	Clayton Lake	91.14	23	P	P	18 26 08.0	-1.2
N51A	Ashland	91.17	34	IAMS_20	IAMS_20	19 06 27.9	
PENMO	Penman	91.17	41	IAMS_20	IAMS_20	19 11 43.9	
D63A	Stockholm	91.20	22	P	P	18 26 09.2	-0.2
LONY	Lake Ozonia	91.21	27	P	P	18 26 08.9	-0.7
Q48A	North Vernon	91.21	37	P	P	18 26 09.5	-0.2
P49A	Miami Univ. Ec	91.22	36	P	P	18 26 09.5	-0.2
ERPA	Erie	91.22	32	P	P	18 26 09.8	+0.2
O50A	Cable	91.23	35	P	P	18 26 09.7	0.0
L35A	Girard	91.24	32	P	P	18 26 10.0	+0.2
F61A	St Evariste	91.25	24	P	P	18 26 10.2	+0.5
G59A	Clarenceville	91.30	26	P	P	18 26 09.9	-0.1
K54A	Basiliko Farm,	91.34	30	P	P	18 26 10.3	+0.1
I57A	Carthage	91.40	28	P	P	18 26 10.1	-0.4
L54A	Sinclairville	91.40	31	P	P	18 26 10.5	+0.1
833A	Chaparral WMA,	91.41	52	P	P	18 26 11.6	+0.8
ACSO	Alum Creek Sta	91.45	34	P	P	18 26 10.7	-0.1
ACSO	Alum Creek Sta	91.45	34	IAMS_20	IAMS_20	19 12 05.0	
M53A	WI Miller and	91.49	32	P	P	18 26 10.9	0.0
WCI	Wyandotte Cave	91.49	38	P	P	18 26 11.0	+0.1
WCI	Wyandotte Cave	91.49	38	IAMS_20	IAMS_20	19 06 48.1	
K55A	Perry	91.49	30	P	P	18 26 10.9	0.0
H59A	Cadyville	91.50	26	P	P	18 26 10.4	-0.5
H58A	Gabriels	91.53	27	P	P	18 26 10.8	-0.3
Q49A	Aurora	91.55	36	P	P	18 26 11.5	+0.3
PQI	Presque Isle	91.55	22	P	P	18 26 11.0	-0.1
PQI	Presque Isle	91.55	22	Iamb	Iamb	18 26 29.1	
N52A	McCinn's Farm,	91.56	33	P	P	18 26 11.0	-0.3
BATG	Bathurst New B	91.57	20	P	P	18 26 11.6	+0.4
BATG	Bathurst New B	91.57	20	Iamb	Iamb	18 26 19.5	
P50A	Jameson	91.58	35	P	P	18 26 11.5	+0.1
F62A	Pittsford Farm,	91.65	23	P	P	18 26 12.0	+0.4
E63A	Oxbow	91.66	22	P	P	18 26 11.2	-0.3
G61A	St-Isidore-de-	91.69	25	P	P	18 26 11.9	+0.2
O51A	Pataskala	91.69	34	P	P	18 26 11.9	0.0

J57A	Williamstown	91.72	28	P	P	18 26 11.8	-0.2
L55A	Hinsdale	91.80	31	P	P	18 26 13.1	+0.7
K56A	Milwaukeex	91.81	30	P	P	18 26 10.6	-1.9
Z41A	Richland Creek	91.84	45	P	P	18 26 12.7	+0.1
E64A	Bridgewater	91.84	22	P	P	18 26 12.3	-0.1
NATX	Nacogdoches	91.86	47	P	P	18 26 13.8	+1.0
H60A	Morristown	91.92	26	P	P	18 26 13.1	+0.2
N53A	Lisbon	91.94	33	P	P	18 26 12.5	-0.5
X43A	Marvell	91.97	43	P	P	18 26 14.1	+0.9
X43A	Marvell	91.97	43	IAMS_20	IAMS_20	19 13 01.4	
P51A	Williamsport	92.02	35	P	P	18 26 13.2	-0.2
P51A	Williamsport	92.02	35	IAMS_20	IAMS_20	19 04 44.1	
J58A	Remsen	92.03	28	P	P	18 26 13.2	-0.2
J58A	Remsen	92.03	28	IAMS_20	IAMS_20	19 08 58.3	
T47A	Sharon Grove	92.06	39	P	P	18 26 13.8	+0.2
O52A	Adamsville	92.06	34	P	P	18 26 13.5	-0.1
G62A	West of Eustis	92.07	24	P	P	18 26 14.0	+0.5
K57A	Scipio Center	92.10	29	P	P	18 26 11.3	-2.4
Q50A	Georgetown	92.11	36	P	P	18 26 13.7	-0.1
N54A	Moraine State	92.17	32	P	P	18 26 13.9	-0.2
I59A	Oleadaeville	92.17	27	P	P	18 26 13.8	-0.2
F64A	Sherman	92.18	22	P	P	18 26 13.9	-0.1
F64A	Sherman	92.18	22	IAMS_20	IAMS_20	19 08 45.0	
L56A	Greenwood	92.19	30	P	P	18 26 14.2	0.0
H61A	Lyndonville	92.21	25	P	P	18 26 14.4	+0.2
O53A	New Philadelph	92.23	33	P	P	18 26 14.0	-0.4
J59A	Piesco	92.23	27	P	P	18 26 13.9	-0.4
Q51A	Peebles	92.26	35	P	P	18 26 14.6	+0.1
Q51A	Peebles	92.26	35	Iamb	Iamb	18 26 22.7	
Q51A	Peebles	92.26	35	IAMS_20	IAMS_20	19 06 15.3	
M55A	Ridgway	92.26	31	P	P	18 26 14.7	+0.2
M55A	Ridgway	92.26	31	Iamb	Iamb	18 26 31.1	
ATD	Arta Tunnel	92.32	286	IAMS_20	IAMS_20	19 15 08.2	
P52A	Corning	92.32	34	P	P	18 26 14.3	-0.4
S49A	Springfield	92.33	37	P	P	18 26 15.0	+0.1
I60A	Shoreham	92.34	26	P	P	18 26 14.7	-0.1
WVT	Waverly	92.35	40	P	P	18 26 15.0	0.0
R50A	Paris	92.39	36	P	P	18 26 15.3	+0.1
R50A	Paris	92.39	36	IAMS_20	IAMS_20	19 04 29.7	
K58A	Earlville	92.41	28	P	P	18 26 15.2	+0.1
PKME	Peaks-Kenny Pk	92.43	23	P	P	18 26 15.7	+0.6
H62A	Milan	92.44	25	P	P	18 26 15.4	+0.2
G63A	Kingsbury	92.46	24	P	P	18 26 15.8	+0.5
HKT	Hockley	92.47	49j	eP		18 26 15.4	-0.1
HKT	Hockley	92.47	49j	pmax	pmax		
HKT	Hockley	92.47	49	IAMS_20	IAMS_20	19 04 40.1	
M56A	Emporium	92.49	31	P	P	18 26 15.5	-0.1
M56A	Emporium	92.49	31	IAMS_20	IAMS_20	19 06 54.2	
ACCN	Adirondack Com	92.61	27	P	P	18 26 14.0	-2.0
ACCN	Adirondack Com	92.61	27	Iamb	Iamb	18 26 30.8	
G64A	Maxfield	92.61	23	P	P	18 26 15.7	-0.3
I61A	Oroboro, Fairl	92.64	26	P	P	18 26 16.2	0.0
O54A	Avella	92.65	33	P	P	18 26 16.3	0.0
K59A	Cooperstown	92.70	28	P	P	18 26 16.3	-0.2
H63A	New Sharon	92.73	24	P	P	18 26 17.0	+0.5
R51A	Hilloro	92.73	36	P	P	18 26 16.5	-0.2
T49A	Edmonton	92.75	38	P	P	18 26 16.5	-0.3
T49A	Edmonton	92.75	38	IAMS_20	IAMS_20	19 09 06.3	
N55A	Marion Center	92.75	32	P	P	18 26 17.2	+0.4
OXF	Oxford	92.76	42	P	P	18 26 16.7	-0.2
OXF	Oxford	92.76	42	IAMS_20	IAMS_20	19 06 10.8	
P53A	Whipple	92.77	34	P	P	18 26 16.8	-0.1
J60A	Lant Hill Farm	92.82	27	P	P	18 26 17.7	+0.7
S50A	Richmond	92.84	37	P	P	18 26 17.2	0.0
N56A	West Decatur	92.92	31	P	P	18 26 17.5	0.0
L58A	Harry Jones Me						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like 575A Coltrane Farms, T59A Double 'B' Far, U58A Oxford, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like NBMO Morrinhos-CE, PB08 IPOC Station P, PB07 IPOC Station P, etc.

ISCJJB 27 18:42:55.0-0.6, 331N-077.136-90E-0.07, h415km, 3km, mb3.1/6, Error ellipse: s-maj=11.3km s-min=8.9km, az=158.4

JMA 27 18:42:55.2-0.2, 331N-136:87E, h420km, 3km, M3.0, IDC 27 18:42:55.8-1.2, 32:98N/136:89E, h406km, 1.4km, mb2.9/6, mb1.3/1.2, mb1mx2.9/43, mbtmp3.8/12, Error ellipse: s-maj=18.0km s-min=17.3km az=113.0

ISC 27 18:42:55.9-0.8, 331N-109:136.95E-0.07, h409km, 7km, n8, r1905/43, mb2.9/6, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like TT02 TONANKAI O.B.S, TT03 TONANKAI O.B.S, TT04 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like az=164.1, NNC 27 18:59:09.7-2.1, 36:60N-69:09E, h84km, 23km, mb3.3, mpv3.5, Error ellipse: s-maj=19.5km s-min=8.6km, etc.

IDC 27 19:08:26.8-6.2, 570S:154.31E, h150km, 36km, mb3.2/5, mb1.3/4.6, mb1mx3.2/31, mbtmp3.6/6, Error ellipse: s-maj=66.5km s-min=21.8km az=97.0

ISC 27 19:08:27.0-2.0, 57:02S/154:31E, h89km, n6, r2900/7, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like KRVT Keravat (AS076), KRVT 7.5nm, 0.3s, baz=145, slow=3.8, SNR=7.3, etc.

ISCJJB 27 19:12:13.9-1.1, 42:90N-104:77.85E-0.05, h5km, 12km, Error ellipse: s-maj=7.5km s-min=5.6km az=41.7

NNC 27 19:12:14.8-3.8, 43:04N:77.84E, h0km, mpv2.2, Error ellipse: s-maj=58.3km s-min=6.8km az=15.0

KRNET 27 19:12:15.0-1.0, 42:86N-77.82E, h23km, mb2.6, ISC 27 19:12:18.8-1.5, 42:92N-105:07.786E-0.05, h14km, 13km, n8, r065/16, 10C, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SATY Saty, SATY 1.3nm, 0.1s, SATY 12nm, 0.1s, etc.

THE 27 19:18:29.9, 40:20N-20:63E, h12km, 1km, ML2.0/6, Error ellipse: s-maj=1.3km s-min=0.3km az=327.0

ATH 27 19:18:30.0, 40:20N-20:64E, h13km, 3km, ML2.1/5, Error ellipse: s-maj=3.9km s-min=0.9km az=102.0

TIR 27 19:18:29.5, 40:23N-20:63E, h7km, M2.6/6, ISC 27 19:18:29.5-1.0, 40:12N-20:60E-0.02, h12km, gkm, n31, r085/48, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like NEST Nestorio, NEST 298nm, 0.5s, NEST 0.40, 60 P, etc.

27d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for CPUP, CPUP, CPUP, H10S2, H10S3, LPZA, TORO, MJAR.

NEIC 27 22:33:18.7-0.9, 40.27N-0.02-124.55W-0.07, h28km, 1.1km

NCEDC 27 22:33:19.8-1.5, 40.30N-0.02-124.51W-0.06, h20km, 3km, ML3.0

ANF 27 22:33:20.2-1.3, 40.43N-124.43W, h20km, ML2.9/11, Error ellipse: s-maj=12.5km s-min=6.1km az=62.0

ISC 27 22:33:18.2-1.4, 40.28N-0.03-124.61W-0.06, h31km, 9km, n107, c080/115, Near coast of northern California

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like KCTM, KCTN, KSMX, etc.

2013 OCT

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like ANTCA, ANTK, ANTK, etc.

1400

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like MHLO, MHLO, MHLO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSAR, KLR, JOW, PEAOB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BILL, BILIBINO, CHENGDU, GAOTAI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BCAR, BARN, CTGM, DANN, etc.

27D 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEW Newport, PINE Pine Mountain, J05D Fort Rock, OR, G08A Pilot Rock, etc.

2013 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FLYW Flagg Ranch, ISA Isabella Lake, ARVC Arvin, etc.

1402

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Y12C Blythe, Y12C Blythe, SORM Soroca, etc.

1403

Table with columns: BRG, comp, Z, A, m, 0.9s, e, P, 23 14 17.3, etc. Lists various stations and their coordinates.

2013 OCT

Table with columns: WHTX, Lake Whitney, 89.91, 49, P, P, 23 14 45.6 +0.8, etc. Lists stations and their coordinates.

27d 23h

Table with columns: MAT, KJB, Kayabe, 5.49, 330, eS, S, Sn, 23 25 48.9 +0.2, etc. Lists stations and their coordinates.

IDC 27 23:23:29.1 ± 1.6, 36° 98'N, 145° 06'E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.4/54, mbtmp3.5/4, ML3.2/2, Error ellipse: s-maj=42.3km s-min=31.0km az=137.0, ISCJB 27 23:23:34.1 ± 1.4, 37° 15'N, 145° 57'E, h0km, mb3.5/2, Error ellipse: s-maj=12.4km s-min=8.7km az=12.3, JMA 27 23:23:34.0 ± 0.3, 37° 17'N, 144° 59'E, h57km, M3.7, ISC 27 23:23:32.9 ± 1.7, 37° 21'N, 144° 07'E, h144.8E, 0.1, h37km, 3km, n18, e+163/26, Off east coast of Honshu

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, etc. Lists station codes and details.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OGNE Ogallala, ISCO Idaho Springs, N55A Marion Center, etc.

ISCJ 27 23:31:13.9, 1.1, 7.47S, 105.64E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.7/35, mbmp3.8/9, ML3.9/1, Error ellipse: s-maj=33.6km s-min=17.1km az=40.0

ISCJ 27 23:31:17.6, 0.8, 7.74S, 105.75E, 0.05, h33km, mb3.7/8, Error ellipse: s-maj=8.7km s-min=6.3km az=36.1

DJA 27 23:31:17.5, 1.3, 8.5S, 101.06E, h20km, 12km, M4.0/9, MLV4.0/9

ISC 27 23:31:19.1, 0.9, 7.67S, 105.79E, 0.06, h35km, n29, r138/25, mb3.8/8, Jawa

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SKJI Sukabumi, CGJI Cibinong, SBJI Serang, etc.

ISCJ 28 00:15:40.9, 0.8, 25.05N, 108.109, 53W, 0.09, h10km, Error ellipse: s-maj=15.1km s-min=6.1km az=40.7

ISC 28 00:15:40.7, 2.6, 24.57N, 109.15W, h0km, mb1 3.7/4, mb1mx3.5/41, mbmp3.3/4, ML3.6/4, Error ellipse: s-maj=50.2km s-min=10.4km az=143.0

MEX 28 00:15:46.0, 0.7, 25.04N, 109.55W, h16km, 99km, MD3.8

ISC 28 00:15:43.7, 0.9, 25.00N, 106.109, 60W, 0.07, h10km, n8, r267/11, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LP1G La Paz, LP2G La Paz, GUYB Guaymas, etc.

0.1nm, 0.3s, baz=160, slow=8.5, SNR=5.7

ISCJ 28 00:19:59.8, 0.5, 8.21N, 101.06, 82.59W, 0.03, h41km, 7km, Error ellipse: s-maj=10.2km s-min=3.4km az=23.4

UCR 28 00:20:00.6, 2.0, 8.30N, 82.57W, h40km, 5km

UPA 28 00:20:00.2, 1.1, 8.30N, 82.57W, h45km, 3km, MW3.7

ISC 28 00:20:00.3, 1.0, 8.24N, 101.04, 82.60W, 0.02, h34km, n2m, n38, r1913/64, 2C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PEDE3 Pedregal, BAGA3 Bagala, DAVID David, etc.

ISC 28 00:19:52.3, 1.6, 4.90S, 102.19E, h0km, mb4.1/10, mb1 4.2/11, mb1mx3.9/49, mbmp4.2/11, ML4.3/1, Error ellipse: s-maj=67.9km s-min=14.9km az=52.0

ISCJ 28 00:20:00.0, 0.4, 4.30S, 102.05E, 0.05, h79km, 3km, mb4.0/10, Error ellipse: s-maj=11.1km s-min=4.7km

NEIC 28 00:20:02.1, 2.2, 4.34S, 102.95E, 0.07, h78km, 5km, mb4.4/24

DJA 28 00:20:03.1, 0.6, 5.5S, 101.3E, h38km, 6km, M3.8/10, mb3.5/1, MLV3.9/10

ISC 28 00:20:02.1, 0.7, 4.47S, 105.102, 90E, 0.05, h78km, 6km, n80, r1580/78, mb4.3/27, Outer Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MNAI Manna, LHSI Lahat, LWLI Liwa, etc.

PSAA2 Pilbara Seismi 23.65 137 P P 00 25 07.6 +0.9

PSAD3 Pilbara Seismi 23.66 138 P P 00 25 07.4 +0.7

PSAB3 Pilbara Seismi 23.68 137 I Amb I Amb 00 25 07.9 +1.0

PSAC2 Pilbara Seismi 23.68 137 P P 00 25 07.8 +0.8

PALK Pallekele 25.03 298 P P 00 25 17.4 -1.9

FITZ Fitzroy Crossi 26.04 123 P P 00 25 30.5 +2.1

KNRA Kununurra 27.75 116 P P 00 25 44.0 +0.3

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

NEIC 28 00:24:07.1, 1.5, 2.429N, 119.65E, 0.04, h14km, 4km

BUI 28 00:24:07.5, 0.0, 24.28N, 119.66E, h9km, mb4.3/8, mb4.6/3, ML4.5/7, Ms4.1/8, Ms7.3/8.5

ASIS 28 00:24:08.5, 2.4, 25.25N, 119.62E, h23km, MW3.7

ISCJ 28 00:24:08.2, 0.3, 24.32N, 119.60E, 0.01, h29km, 2km, mb3.9/8, MS3.7/2, Error ellipse: s-maj=2.4km s-min=1.9km

TAP 28 00:24:08.2, 2.4, 31.1N, 119.64E, h36km, ML4.7, D

ISC 28 00:24:17.8, 3.8, 24.40N, 119.85E, h102km, 40km, mb3.5/9, mb1 3.6/12, mb1mx3.4/47, mbmp3.9/12, MS3.1/1, Ms1 3.3/1, Ms1mx2.2/26, Error ellipse: s-maj=25.9km s-min=14.9km az=78.0

ISC 28 00:24:08.7, 1.0, 24.31N, 119.63E, 0.02, h25km, 7km, n192, r089/244, mb4.1/20, 14C-16D, Taiwan region

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

NMLH	Miaoili	1.08 77 eP	Pn	00 24 28.0 -0.3
NMLH	Chiayi	eS	Sn	00 24 42.7 +0.2
CHY	Chiayi	1.08 138 eP	Pn	00 24 28.2 -0.1
CHY	Chiayi	eS	Sb	00 24 43.3 +0.9
CHN2	Minshihung	1.09 135 eP	Pn	00 24 28.3 -0.1
CHN2	Chiayi	eS	Sb	00 24 43.5 +0.8
CHN8	Yiju	1.09 151 eP	Pb	00 24 28.5 -0.4
CHN8	Chiayi	eS	Sb	00 24 43.1 +0.4
KNM	Kimmen	1.10 276 eP	Pb	00 24 29.7 +0.7
KNM	Chiayi	eS	Sb	00 24 46.7 +3.8
VCHM	Qimei	1.11 190 eP	Pn	00 24 27.7 -0.9
VCHM	Chiayi	eS	Sn	00 24 42.2 -0.9
WJS	Zhushan	1.11 116 eP	Pn	00 24 28.4 -0.2
WJS	Chiayi	S	Sb	00 24 44.1 +0.9
OZH	Quanzhou	1.14 304 Pn	Pn	00 24 28.5 -0.6
OZH	Chiayi	iPg	Pb	00 24 29.5 -0.2
OZH	Chiayi	Smax	Smax	00 24 44.0 0.0
OZH	comp=N,11um,0.3s			
KNMB	Chin-men Tao	1.15 278 eP	Pn	00 24 28.5 -0.6
KNMB	Chiayi	eS	Sn	00 24 43.2 -0.9
KNMB	Chin-men Tao	1.15 278 Pn	Pb	00 24 29.6 -0.2
TYC	Yuchr	1.19 109 eP	Pb	00 24 29.4 -0.3
TYC	Chiayi	eS	Sb	00 24 45.8 +0.4
CHN5	Tsauling	1.19 126 eP	Pn	00 24 29.1 -0.8
CHN5	Chiayi	S	Sb	00 24 45.2 -0.3
PTTC	Pingtang	1.20 6 iP	Pn	00 24 29.3 -0.6
PTTC	Chiayi	S	Sn	00 24 44.8 -0.5
WHP	Taichung City	1.20 91 eP	Pn	00 24 29.5 -0.4
WHP	Chiayi	eS	Sn	00 24 45.3 -0.2
DPDB	Guoxing	1.21 103 eP	Sn	00 24 29.6 -0.5
DPDB	Chiayi	S	Sb	00 24 46.4 +0.2
SMLT	Sun Moon Lake	1.23 110 iP	Pn	00 24 30.1 -0.3
SMLT	Chiayi	S	Sb	00 24 46.8 -0.1
SCLT	Jiali	1.24 155 eP	Pn	00 24 30.4 0.0
SCLT	Chiayi	eS	Sb	00 24 47.0 +0.1
WHYT	Xinyi Township	1.27 118 eP	Pn	00 24 29.9 -1.1
NSTT	Nanjuang	1.29 75 eP	Pn	00 24 30.9 -0.2
NSTT	Chiayi	eS	Sn	00 24 46.8 -0.8
CHN4	Tsaushan	1.29 137 iP	Pn	00 24 30.9 -0.3
CHN4	Chiayi	eS	Sb	00 24 48.4 -0.2
TWK	Hsinying	1.30 143 eP	Pn	00 24 31.2 -0.1
TWK	Chiayi	eS	Sb	00 24 48.9 +0.2
LI0B	Emei	1.30 75 P	Pn	00 24 31.1 -0.3
LI0B	Chiayi	eS	Sn	00 24 47.8 -0.2
HSN	Hsinchu	1.31 68 P	Pn	00 24 32.4 +0.9
HSN	Chiayi	iS	Sb	00 24 49.4 +0.3
SSLB	Suanglung	1.31 113 eP	Pn	00 24 29.8 -1.7
SSLB	Chiayi	eS	Sb	00 24 49.1 0.0
SSLB	Suanglung	1.31 113 Pn	Pn	00 24 32.1 +0.6
SBCB	Hsinchu	1.32 68 iP	Pn	00 24 31.8 +0.2
SBCB	Chiayi	S	Sn	00 24 48.2 -0.2
ALS	Alshan	1.33 126 iP	Pn	00 24 31.7 -0.3
ALS	Chiayi	eS	Sb	00 24 49.5 -0.4
SNST	Tainan City	1.34 144 iP	Pn	00 24 31.6 -0.3
SNST	Chiayi	eS	Sb	00 24 49.8 0.0
TPUB	Ta-pu	1.35 137 iP	Pn	00 24 31.7 -0.4
TPUB	Chiayi	eS	Sn	00 24 49.3 0.0
TPUB	Ta-pu	1.35 137 Pn	Pn	00 24 31.1 -1.0
TAH1	Yung-kang	1.37 157 eP	Pn	00 24 30.9 -1.4
CHN1	Nanshi	1.38 144 P	Pn	00 24 32.3 -0.2
CHN1	Chiayi	eS	Sb	00 24 50.3 -0.9
WTP	Ta-pu	1.39 139 iP	Pn	00 24 32.3 -0.3
WTP	Chiayi	eS	Sn	00 24 50.2 +0.2
TDCB	Techi	1.39 92 eP	Pn	00 24 32.2 -0.5
TWT	Tachien	1.41 92 eP	Pn	00 24 32.5 -0.5
CHGB	Renai	1.43 100 iP	Pn	00 24 32.9 -0.4
CHGB	Chiayi	eS	Sn	00 24 51.5 +0.1
YUS	Yu-Shan	1.46 124 eP	Pn	00 24 33.6 -0.3
VWDT	VWDT	1.48 111 iP	Pn	00 24 34.1 +0.3
VWDT	Chiayi	eS	Sb	00 24 53.2 -0.8
WGHT	Jiashian	1.50 144 eP	Pn	00 24 33.5 -0.6
WHF	Hehuan Shan	1.50 96 eP	Pn	00 24 34.3 -0.1
STYT	Tauyuan	1.53 138 P	Pn	00 24 34.5 -0.1
NCUH	Zhongli	1.56 65 eP	Pn	00 24 35.0 +0.1
NCU	National Centr	1.56 65 eP	Pn	00 24 35.0 +0.1
NCU	Chiayi	eS	Sb	00 24 54.3 0.0
WLTB	Daxi	1.57 69 eP	Pn	00 24 35.2 +0.2
NNS	Nan Shan	1.59 85 eP	Pn	00 24 35.2 -0.2
NNSB	Datong	1.60 85 eP	Pn	00 24 35.1 -0.5
NNSB	Chiayi	eS	Sn	00 24 56.0 +0.5
SLGT	Liugui	1.60 144 eP	Pn	00 24 35.4 -0.1
NSK	Sanguang	1.61 76 eP	Pn	00 24 35.5 -0.2
AXDP	Jialang	1.63 292 iP	Pn	00 24 35.5 -0.3
YHNB	Yeheng	1.63 77 iP	Pn	00 24 35.4 -0.3
YHNB	Chiayi	eS	Pn	00 24 35.0 -0.9
TWMT	Shoushan	1.64 154 eP	Pb	00 24 37.5 -0.8
SNJT	Kaohsiung City	1.67 157 eP	Pn	00 24 36.9 +0.4

ELDTW	Lidau	1.69 131 eP	Pn	00 24 36.6 -0.1
ETLH	Xiulin Townshi	1.69 93 eP	Pn	00 24 36.8 0.0
ESL	Shilin	1.72 106 eP	Pn	00 24 37.3 +0.3
NDT	Datong Townshi	1.74 80 eP	Pn	00 24 37.4 +0.1
EHY	Hungye	1.74 117 eP	Pn	00 24 38.0 +0.6
EGFH	Guangfu	1.76 111 eP	Pn	00 24 37.9 +0.3
SGLT	Jioudou	1.76 153 eP	Pn	00 24 37.5 -0.2
ZPLA	Ao Xicun	1.76 258 eP	Pn	00 24 37.3 -0.3
NWL7	Wulai	1.77 74 eP	Pn	00 24 37.7 0.0
YULB	Yu-li	1.77 121 iP	Pn	00 24 38.2 +0.4
YULB	Chiayi	eS	Pn	00 24 38.4 +0.5
ENTT	Noudou	1.79 79 eP	Pn	00 24 38.0 -0.1
NACB	Ninganchiao	1.79 94 eP	Pn	00 24 38.1 0.0
NACB	Chiayi	Pn	Pn	00 24 37.2 -0.9
NACB	Chiayi	iP	Pn	00 24 38.6 +0.5
SSD	Sandimen	1.80 149 eP	Pn	00 24 38.6 +0.4
TWS1	Kuangyinshan	1.81 64 eP	Pn	00 24 38.4 +0.2
TWS1	Chiawan	1.81 97 eP	Pn	00 24 38.7 +0.5
TATO	Taipei	1.81 68 eP	Pn	00 24 38.2 -0.1
TATO	Taipei	1.81 68 Pn	Pn	00 24 38.3 -0.1
HGSD	Ruisui	1.83 116 iP	Pn	00 24 39.1 +0.6
HWA	Hwallen	1.83 100 eP	Pn	00 24 40.0 +1.4
ZZJH	Jiuhuzhen	1.83 276 eP	Pn	00 24 38.3 -0.3
NHHD	Xindian Distri	1.84 69 eP	Pn	00 24 38.6 -0.1
ENLB	Shoufeng	1.84 102 eP	Pn	00 24 40.3 +1.6
TAP	Taipei	1.85 66 eP	Pn	00 24 40.5 +1.6
MATB	Ma-tsu	1.86 9 iP	Pn	00 24 38.7 -0.3
NTST	Danshui	1.86 62 eP	Pn	00 24 38.9 -0.1
MHZO	Yeshan	1.87 343 iP	Pn	00 24 38.6 -0.5
SLBB	Yuanshan	1.88 76 eP	Pn	00 24 38.2 -1.0
TWA	Mucha	1.90 69 eP	Pn	00 24 39.6 +0.1
TWE	Neicheng	1.90 77 eP	Pn	00 24 39.7 +0.2
MASBT	Mashibuluo	1.92 151 eP	Pn	00 24 39.8 0.0
ENA	Nanau	1.93 86 eP	Pn	00 24 40.8 +0.9
ANP	Anpu	1.93 63 eP	Pn	00 24 40.0 0.0
NANB	Nanau	1.93 86 eP	Pn	00 24 40.5 +0.5
YM10	YM10	1.95 64 iP	Pn	00 24 40.2 -0.1
YM10	Chiayi	eS	Sn	00 25 02.4 -1.5
YM11	YM11	1.96 64 eP	Pn	00 24 39.9 -0.5
TWG	Pinlang	1.98 138 eP	Pn	00 24 41.1 +0.4
TWG	Pinlang	1.98 138 Pn	Pn	00 24 41.0 +0.3
YM08	YM08	1.98 63 iP	Pn	00 24 40.3 -0.5
TWGB	Bein	1.99 138 eP	Pn	00 24 41.2 +0.4
CHKT	Chengkung	1.99 127 eP	Pn	00 24 41.4 +0.6
TWY	Chentua	2.03 61 eP	Pn	00 24 41.8 +0.4
TWY	Chiayi	eS	Sn	00 25 05.3 -0.7
TWC	Suao	2.04 81 eP	Pn	00 24 41.8 +0.3
TTN	Taitung	2.08 138 eP	Pn	00 24 43.7 +1.7
ECL	Taimali	2.09 144 eP	Pn	00 24 42.3 +0.1
NWF	Wu-fen Shan	2.10 68 iP	Pn	00 24 42.1 -0.2
WFSB	Wu-fen Shan	2.10 68 iP	Pn	00 24 42.1 -0.1
TIPB	Shungxi	2.10 71 eP	Pn	00 24 41.8 -0.5
SCZT	Fangliu	2.13 155 eP	Pn	00 24 42.8 +0.1
EAST	Anshuo	2.22 150 eP	Pn	00 24 45.5 +1.6
LYJJ	Jianjiangzhen	2.24 3 eP	Pn	00 24 43.0 -1.2
TWB1	Santiao Chiao	2.25 71 eP	Pn	00 24 44.5 +0.1
EOS1	EOS1	2.29 83 eP	Pn	00 24 46.0 +1.2
PCYT	Pengchaiyu	2.58 59 iP	Pn	00 24 49.4 +0.5
PCYT	Chiayi	eS	Sn	00 25 18.5 -0.8
TWK1	Hengchun	2.59 155 eP	Pn	00 24 49.8 +0.7
TWKBT	Hengchun	2.59 155 eP	Pn	00 24 49.5 +0.4
XPSS	Dashiqi	2.66 11 iP	Pn	00 24 50.0 0.0
LAY	Lan-yu	2.87 142 eP	Pn	00 24 53.5 +0.6
YOJ	Yonaguni jima	3.08 86 eP	Pn	00 24 56.3 +0.5
YOJ	Yonaguni jima	3.08 86 Pn	Pn	00 24 54.4 -1.4
GZH	Guangzhou	5.89 259 P	Pn	00 25 02.4 -0.6
GZH	Chiayi	Smax	Smax	00 26 28.8 -1.2
GZH	comp=N,920nm,0.7s			
SSE	Sheshan	6.90 11 Pn	Pn	00 25 48.1 -0.2
NJ2	Nanjing	7.75 355 ePn	Pn	00 26 02.3 +2.4
NJ2	comp=E,570nm,5.1s			
NJ2	comp=E,590nm,5.9s			
WHN	Wuhan	7.79 324 P	Pn	00 25 53.0 -7.4
WHN	Chiayi	S	Sn	00 27 22.8 -5.0
WHN	comp=N,2um,5.0s			
WHN	comp=E,2um,3.5s			
JOW	Kunigami	8.20 70 P	Pn	00 26 11.0 +4.9
JOW	comp=Z,0.3nm,0.3s,baz=235,slow=19,SNR=5.4			
GYA	Guiyang	11.92 283 P	Pn	00 26 04.4 -1.7
GYA	comp=Z,10.0nm,0.6s			
GYA	comp=Z,150nm,8.8s			
JNU	Nakatsue	13.20 46 P	Pn	00 27 19.9 -4.5
JNU	comp=Z,0.3nm,0.3s,baz=235,slow=15,SNR=2.0			
KSR5	Korea Array	14.96 26 Pn	Pn	00 27 16.1 +1.4
KSR5	comp=Z,0.6nm,0.3s,baz=210,slow=14,SNR=4.2			
KS19	Wonju Array S1	14.92 26 Pn	Pn	00 27 38.7 +0.7
KS19	comp=Z,0.3nm,0.3s,baz=235,slow=15,SNR=5.4			
KKM	Kota Kinabalu	18.45 191 P	Pn	00 28 21.7 -1.1
CHTO	Chiang Mai	20.00 258 P	Pn	00 28 38.6 -1.0

MJB9	Matsu-Tunnel	20.09 48 P	P	00 28 40.0 -0.5
MJB9	Chiayi	Iamb	Iamb	00 28 41.0
MAJO	Matsushiro	20.09 48 P	P	00 28 39.7 -0.8
MAJO	Chiayi	Iamb	Iamb	00 28 41.0
CMAR	Chiang Mai Arr	20.12 257 P	Pn	00 28 45.9 +3.0
CMAR	comp=Z,5.5nm,18.2s,baz=7.5,slow=4.9,SNR=6.2			00 38 04.1
USRK	Ussuriysk Ar.	22.27 24 P	P	00 29 03.1 -0.8
GTA	Gaotai	22.51 317 eP	Pn	00 29 14.5 +7.8
GTA	Chiayi	pP	pP	00 29 18.5 +1.8
GTA	Chiayi	Smax	Smax	00 29 21.5 +8.0
ULN	Ulanbaatar	25.55 340 P	P	00 29 36.7 +1.1
SONM	Songino Array	25.73 339 P	P	00 29 38.2 +1.0
SONM	comp=Z,2.7nm,0.9s,baz=157,slow=11,SNR=8.3			
SONM	Kul'dur	25.73 339 P	P	00 29 37.8 +0.5
KLH	Lhok Sumawe	28.91 233 P	P	00 29 45.1 -0.1
LHMI	comp=Z,2.89nm,1.3s			
LHMI	Chiayi	Iamb	Iamb	00 30 04.1 -1.8
WMQ	Urumqi	32.56 315 eP	Pn	00 30 41.0 +3.0
WMQ	comp=Z,440nm,29.0s			
WMQ	Wanagama	33.23 197 P	P	00 30 43.8 -0.2
UGM	comp=Z,980nm,29.2s			00 30 49.2
UGM	comp=Z,134nm,1.4s			
MK31	Makanchi Array	37.27 317 P	Pn	00 31 18.9 +0.4
MK31	comp=Z,3.7nm,1.1s			00 31 21.6
MKAR	Makanchi Array	37.27 317 P	P	00 31 20.5 +1.9
MKAR	comp=Z,2.2nm,0.7s,baz=114,slow=11,SNR=14.1			
MKAR	Makanchi Array	37.27 317 P	P	00 31 19.2 +0.6
MAKZ	Makanchi	37.47 316 P	P	00 31 20.8 +0.6
MAKZ	Chiayi	Iamb	Iamb	00 31 22.8
MANU	Manus Island	37.57 130 S	S	00 37 08.7 -0.8
ZAAO	Zalesovo Array	39.38 328 P	P	00 31 36.2 +0.1
ZAAO	comp=Z,3.3nm,0.8s			00 31 37.6
ZALV	Zalesovo Beam	39.38 328 P	P	00 31 37.0 +0.9
ZALV	comp=Z,2.8nm,0.6s,baz=114,slow=8.6,SNR=11.1			
PETK	Petrovavlovsk	40.57 35 P	P	00 31 36.2 +0.1
KURBB	Kurchatov Arra	41.11 320 P	P	00 31 47.7 -1.4
WRA	Warramunga Arr	46.26 161 P	P	00 31 52.0 +1.4
WRA	comp=Z,1.1nm,0.7s,baz=114,slow=9.4,SNR=6.0			
WRA	Warramunga Arr	46.26 161 P	P	00 32 32.6 +0.3
WB2	Warramunga Arr	46.26 161 P	P	00 32 32.7 +0.5
KWAJ	Kwajalein Atol	48.25 100 P	P	00 32 32.9 +0.6

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, H, m, s, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, GKN Gorkha, BHPH Bhopal, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, H, m, s, ISC. Includes stations like Urewera, Charters Tower, Jayuam, Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, H, m, s, ISC. Includes stations like FTR Fort Ross, GBMM Baldy Mountain, GSNM Snow Mountain, etc.

ISC/JB 28 04:51:33.5 0.4 20:38S; 0.10:177.32W; 0.08, h534km, mb4.1/11, Error ellipse: s-maj=13.6km s-min=8.9km az=161.3

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like SKO Skopje, PUK Puka, TIR Tirane, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like LIT Litokhoron, KEK Kerika, ZAPS Zavoje, etc.

ISC/JB 28 08:40:38.1±0.3, 9.75N±0.04, 92.77E±0.04, h43km, mb4.3/22, MS3.3/2, Error ellipse: s-maj=7.2km

s-min=3.8km az=140.2, THL 28 08:40:40.3±2.6, 9.86N±0.05, 92.68E±0.04, h10km, ML3.8, mb4.4(NEIC)

NEIC 28 08:40:40.1±2.8, 9.85N±0.05, 92.76E±0.04, h45km, 7km, mb4.4/22

IDC 28 08:40:41.7±2.3, 1.0106N±0.03, 95.5E±0.05, h49km, 22km, mb3.9/20, mb1.4/123, mb1mx3/0.43, mbtmp4.2/3, ML4.2/3, MS3.3/5, Ms1.3/3.5, ms1mx3/0.38, Error ellipse: s-maj=17.5km

s-min=10.9km az=52.0, ISC 28 08:40:20.4, 9.87N±0.05, 92.76E±0.05, h43km, n102, e2323/110, mb4.3/34, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like PBA Port Blair, CMBY CAMPBELL BAY, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like GAR Garm, BTK Batken, ARSB Arslanbob, etc.

IDC 28 08:41:08.4±6.4, 6.567S±147.27E, h167km, 76km, mb3.2/3, mb1.3/3.5, mb1mx3/1.30, mbtmp3.5/5, MS2.7/1, Ms1.2/7.1, ms1mx3/0.44, Error ellipse: s-maj=125.0km, s-min=31.0km az=116.0, Eastern New Guinea region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like PMG Port Moresby, PMG, KRVT Keravat, etc.

28d 11h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SHLS, SHLS Shalkode, UZB Uzynbulak, MNBS Baschi, etc.

SOME 28 10:52:04.6, 41.87N, 82.03E, h15km
NCC 28 10:52:05.0, 3.9, 42.03N, 82.13E, h0km, mb3.6, mpv3.2,
2C, Error ellipse: s-maj=38.9km s-min=24.9km az=37.0,
Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KTMS Ketmen, SHLS Shalkode, UZB Uzynbulak, etc.

NCC 28 10:54:16.0, 0.7, 44.43N, 80.99E, h0km, mb4.1, mpv3.9,
Error ellipse: s-maj=5.8km s-min=3.6km az=108.0
SOME 28 10:54:17.9, 44.40N, 80.88E, h10km
ISC 28 10:54:18.3, 1.6, 44.39N, 80.04, 81.06E, 0.05, h4km, 1.1km,
n33, r1919/51, 5C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DJR Jarkent, KTMS Ketmen, KAPS Kapalarasan, etc.

2013 OCT

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KAPS Kapalarasan, PDGK Podgornoye, SHLS Shalkode, etc.

IDC 28 10:55:37.2, 0.7, 30.03N, 139.33E, h416km, 35km, mb2.9/7,
mb1 2.9/11, mb1mx2.8/50, mbtmp3.7/11, Error ellipse:
s-maj=101.1km s-min=9.4km az=69.0
JMA 28 10:55:38.1, 0.2, 30.07N, 139.53E, h418km, M3.5
ISC 28 10:55:37.2, 0.8, 29.94N, 139.07, 139.1E, 0.1, h400km, n17,
o096/20, mb3.0/7, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JHU Hachioji jima 2, CBJ Chichi jima, etc.

1416

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

ISCJB 28 11:09:14.4, 0.3, 57.29N, 10.03, -2.49E, 0.04, h10km, Error
ellipse: s-maj=4.5km s-min=2.7km az=150.4
NAO 28 11:09:16.3, 1.7, 57.38N, 2.47E, ML2.2
BER 28 11:09:18.7, 2.2, 57.40N, 2.39E, h10km, ML2.2,
ML2.8(BGS), Confirmed Earthquake
LDG 28 11:09:18.0, 0.2, 57.44N, 2.34E, h30km, M3.4/6, Error
ellipse: s-maj=8.1km s-min=5.0km az=124.0
BGS 28 11:09:19.6, 0.9, 57.30N, 2.31E, h10km, 12km, ML2.8
ISC 28 11:09:14.6, 0.9, 57.34N, 10.04, 2.48E, 0.03, h10km, n75,
o235/120, North Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KMY Karmoy, SNART Snartemo, DRUM Mains of Drum, etc.

Table with columns: INVG, comp, E, A, Z, Pn, Sn, Pn, Pn, Time, Res, ISC, h, m, s, ISC. Includes station names like ESKdalemuir, KONGSBERG, PLOCKTON, etc.

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like LAPU-LAPU, CAGAYAN DE ORO, etc.

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like MBIG Mexicali, CPBX Cerro Prieto, etc.

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like LAPU-LAPU, CAGAYAN DE ORO, etc.

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like LAPU-LAPU, CAGAYAN DE ORO, etc.

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like WESE West Dahl East, WESP Westdahl Peak, etc.

ISCJB 28 11:34:49.1±0.3, 10°24'S; 0°04'161.10'E; 0.05, h2km, mb4.5/19, Error ellipse: s-maj=7.2km s-min=5.6km az=178.1

NEIC 28 11:34:51.8±1.0, 10°21'S; 0°07'161.05'E; 0.07, h69km, mb4.8/38, ID 28 11:34:51.2±1.0, 10°23'S; 161°11'E, h70km, 15km, mb4.1/15, mb1.4/2.17, mb1mx3.7/53, mbtmp3.7/12, ML2.8/1, MS3.4/10, M1 3.4/2, ms1mx2.3/36, Error ellipse: s-maj=22.2km s-min=12.0km az=86.0

BJI 28 11:34:52.0±0.0, 10°10'S; 161°20'E, h80km, mb4.8/17, mb5.1/14, MS5.1/4, MS7.4/8/2, ISC 28 11:34:50.4±0.4, 10°28'S; 0°05'161.19'E; 0.06, h62km, m92, 10°28'87, mb4.7/35, Bougainville-Solomon Islands

Table with columns: Code, Station Name, A, Z, P, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes station names like HNR Honiara, PMG Port Moresby, etc.

ISCJB 28 11:15:08.6±0.7, 32°15'N; 0°04'115.19W; 0.02, h22km, 5km, Error ellipse: s-maj=6.6km s-min=3.3km az=1.9 ANF 28 11:15:08.9±0.5, 32°21'N; 115°21'W, h22km, 3km, ML3.7/20, Error ellipse: s-maj=4.3km s-min=2.1km az=4.0

28d 11h

Table of station data for 28d 11h, including call signs (e.g., WRA, STKA, STKA), frequencies, and other parameters.

2013 OCT

Table of station data for 2013 OCT, including call signs (e.g., KSH, NIUE, NIUE), frequencies, and other parameters.

1418

Table of station data for 1418, including call signs (e.g., MAJO, MAJO, MAT), frequencies, and other parameters.

Table with columns: LZH, Lanzhou, 92.81 307, P, 12 08 19.0 +0.9, etc. Includes various station names like Songgino Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station names like Ishinomakikubu, Ouri, Kawouchi, etc.

Table with columns: HELC, comp=Z,707nm,0.5s, 2.50 203, P, 12 30 28.4 +0.6, etc. Includes station names like Cruz Verde, Guyana, Caidas, etc.

IDC 28 12:25:16.5-1.3, 37.02N:144.56E, h0km, mb3.5/3, mb1 3.8/6, mb1mx3.5/36, mbtmp3.7/6, ML3.3/3, Error ellipse: s-maj=40.0km s-min=23.7km az=109.0

JMA 28 12:25:21.3-0.2, 37.18N:144.35E, h48km, M3.5, ISC 28 12:25:22.6-4.0, 37.16N:0.09-144.3E, 0.2, h44km, 42km, n23, i=157/31, mb3.6/3, Off east coast of Honshu

ISC 28 12:25:21.4-1.3, 37.18N:0.06-144.36E, 0.08, h58km, 16km, mb3.6/3, Error ellipse: s-maj=11.0km s-min=9.4km az=42.1

mb1 3.9/5, mb1mx3/6/38, mbtmp3/6/5, Error ellipse:
 s-maj=37.1km s-min=26.1km az=91.0
 ISCJB 28 13:46:27.0-0.6, 18.19N:0.07:145.7E:0.1, h150km,
 mb3.4/5, Error ellipse: s-maj=16.7km s-min=9.8km az=8.4
 NEIC 28 13:46:30.2-0.6, 18.20N:0.08:145.7E:0.1, h164km, 8km,
 mb4.4/14
 ISC 28 13:46:29.0-0.7, 18.21N:0.10:145.7E:0.1, h150km, n23,
 #097/23, mb4.2/12, Mariana Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
SARN	Sarigan	1.51 175	Pn	Pn	13	47	00.9	+2.2
KSAR	Wonju Array Be	24.70 324	P	P	13	51	36.0	-0.1
KKM	Kota Kinabalu	31.16 251	P	P	13	52	34.2	+0.2
MTN	Manton Dam	34.02 206	P	P	13	52	58.7	0.0
PET	Petrovopolsk	36.20 13	P	P	13	53	18.8	+1.8
SIBU	Sibu	36.32 248	P	P	13	53	19.4	+0.8
KNRA	Kununurra	37.59 207	P	P	13	53	28.7	+0.2
WB0	Warramunga Arr	39.33 197	P	P	13	53	43.6	-0.1
WFO	Warramunga Arr	39.47 197	P	P	13	53	44.6	-0.3
WRAB	Tennant Creek	39.50 197	P	P	13	53	45.1	0.0
WRB	Warramunga Arr	39.51 197	P	P	13	53	45.1	-0.1
WRA	Warramunga Arr	39.51 197	P	P	13	53	45.0	-0.2
WRA	Warramunga Arr	39.51 197	P	P	13	53	44.8	-0.4
FITZ	Fitzroy Springs	41.10 278	P	P	13	53	58.3	0.0
ASAR	Alice Springs	43.17 196	P	P	13	54	14.7	-0.4
CMAR	Chiang Mai Arr	44.24 278	P	P	13	54	24.9	+1.2
CMAR	Chiang Mai Arr	44.24 278	P	P	13	54	23.6	-0.2
YAK	Yakutsk	45.19 349	P	P	13	54	30.6	+0.1
GSTR	Great Sitkin T	45.19 33	P	P	13	54	29.6	-1.2
KULM	Kulim	45.78 259	P	P	13	54	49.7	-1.6
PINNC	Pines Island	45.83 151	P	P	13	54	34.1	-2.0
MKAR	Makanchi Array	58.77 314	P	P	13	56	10.7	-0.6
IRVF	Minna Array Bea	83.47 52	P	P	13	58	40.7	+0.3

TAP 28 13:50:59.9, 24.42N, 121.98E, h18km, 1km, ML1.7, D

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
EOS1	EOS1	0.18 46	P	P	13	51	04.9	+0.3
NANB	Nanao	0.21 272	P	Pg	13	51	05.5	+0.5
ENAN	Nanau	0.22 272	P	Pb	13	51	05.6	+0.4
ENA	Nanau	0.22 272	P	Pg	13	51	05.9	+0.9
TWC	Tuwo	0.22 327	P	Pb	13	51	05.8	+0.6
ILA	Ilan	0.40 328	eS	Sg	13	51	16.2	-1.7
TWE	Neicheng	0.41 316	eS	Sb	13	51	15.5	+0.9
ENTT	Nioudou	0.44 300	P	Pb	13	51	09.8	+0.7
NDT	Datong Townshi	0.46 293	P	Pb	13	51	10.0	+0.4
ETLH	Xiulin Townshi	0.50 245	eS	Sb	13	51	18.4	+1.1
NNSB	Datong	0.55 271	eP	Pb	13	51	11.0	+0.1
NNS	Nan Shan	0.56 272	eS	Sb	13	51	19.4	+0.6
NWLT	Wulai	0.56 308	eS	Sb	13	51	19.9	+1.0
TIPB	Shuangxi	0.57 345	P	Pb	13	51	11.7	+0.4
YHNB	Yeheng	0.60 294	eP	Pb	13	51	12.3	+0.4
NSK	Sanguang	0.62 294	eP	Sg	13	51	12.8	+0.5
WHF	Hehuan Shan	0.71 247	eP	Pb	13	51	13.9	-0.1

JMA 28 13:51:47.4-0.1, 23.36N, 123.58E, h32km, 1km, M1.4, Southwestern Ryukyu Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
HATJ	Hateruma Jima	0.23 65	P	Pb	13	51	53.8	-0.4
IRIF	Iriomote-Funau	0.40 20	P	Pb	13	51	58.9	+0.2
JKRS	Kuro-shima	0.48 55	P	Pb	13	52	02.2	-0.3
JKRS	Kuro-shima	0.48 55	P	Pb	13	51	57.5	-0.1
JJI	Ishigaki jima	0.65 52	P	Pb	13	52	04.6	0.0
JJI	Ishigaki jima	0.65 52	P	Pb	13	51	59.9	-0.5
JYNG	Yonagunijimaku	0.76 310	P	Pn	13	52	01.6	-0.3
JISG	Ishigakijimahi	0.91 47	P	Sn	13	52	12.0	-0.2

ISC 28 13:56:56.4-4.7, 16.129S, 175.78W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3/8-28, mbtmp4.3/3, Error ellipse: s-maj=16.7km s-min=9.4km az=156.0

ISCJB 28 13:57:06.2-0.8, 15.6S:0.3:176.0W:0.2, h100km, mb4.2/3, Error ellipse: s-maj=42.8km s-min=14.0km az=153.9

NEIC 28 13:57:10.6-0.7, 15.6S:0.2:176.0W:0.2, h128km, 12km, mb4.8/12

ISC 28 13:57:08.0-0.9, 15.5S:0.3:176.1W:0.2, h100km, n16, #077/17, mb4.8/10, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
ARMA	Armiale	33.10 238	P	P	14	03	34.8	+0.1
TAOE	Nuku Hiva Isla	35.67 84	P	P	14	03	57.0	0.0
HUH	Hualailai	40.25 30	P	P	14	03	58.9	+0.2
STKA	Stephens Creek	41.77 239	P	P	14	04	47.1	-0.5
STKA	Stephens Creek	41.77 239	P	P	14	04	47.4	-0.3
BBOO	Buckieboe	46.54 239	P	P	14	05	24.9	-0.9
WB2	Warramunga Arr	47.32 257	P	P	14	05	32.2	+0.2
WRAB	Tennant Creek	47.32 257	P	P	14	05	32.0	-0.1
WRA	Warramunga Arr	47.33 257	P	P	14	05	32.3	+0.2
WRA	Warramunga Arr	47.33 257	P	P	14	05	32.0	-0.1
AS31	Alice Springs	47.64 252	P	P	14	05	34.6	+0.1
ASAR	Alice Springs	47.64 252	P	P	14	05	34.7	+0.1

comp=Z,0.2nm,0.4s,baz=105,slow=4.1,SNR=3.7
 ASAR Alice Springs 47.64 252 P P 14 05 34.1 -0.5
 KNRA Kununurra 53.02 262 P Iamb Iamb 14 06 15.1 0.0
 comp=Z,61nm,1.8s
 FORT Forrest 53.08 243 P Iamb Iamb 14 06 14.1 -1.3
 comp=Z,27nm,1.1s
 FITZ Fitzroy Cross 55.68 259 P Iamb Iamb 14 06 35.7 +1.3
 FITZ Fitzroy Cross 55.68 259 P Iamb Iamb 14 08 20.5

ISCJB 28 14:11:05.0:5.0, 6.52, 1N:0.1:171.60W:0.06, h44km, mb3.7/8, Error ellipse: s-maj=16.8km s-min=3.6km az=166.5
 AEIC 28 14:11:05.6:3.6, 52.06N:0.10:171.58W:0.05, h26km, 5km, ML3.2
 NEIC 28 14:11:07.8:1.9, 52.3N:0.2:171.73W:0.07, h60km, 8km
 IDC 28 14:11:16.5:9.2, 52.58N:171.63W, h140km, 86km, mb3.3/8, mb1 3.6/9, mb1mx3/4/1, mbtmp3.7/9, Error ellipse: s-maj=46.2km s-min=16.5km az=180.0
 ISC 28 14:11:06.0:8.0, 52.1N:0.2:171.63W:0.05, h44km, n37, #140/36, mb3.7/8, Fox Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
KOSE	Korovin Southe	1.50 279	Op	ISC	14	11	31.5	+0.5
KOPF	Korovin Flat P	1.52 276	Pn	Pn	14	11	32.0	+1.3
ATKA	Atka Island	1.58 274	Pn	Pn	14	11	30.2	+0.5
ATKA	Atka Island	1.58 274	Pn	Pn	14	11	30.7	-0.1
KOKL	Mount Kiuichef	1.59 278	Pn	Pn	14	11	33.2	+1.5
NIKH	Nikolski High	1.89 63	Pn	Pn	14	11	35.5	-0.3
NIKH	Nikolski High	1.89 63	Pn	Pn	14	11	35.7	-0.6
OKTU	Okmok Mt. Tuli	2.52 59	Pn	Pn	14	11	46.0	+1.6
GSTR	Great Sitkin T	2.73 271	Pn	Pn	14	11	48.0	+0.7
GSMY	Great Sitkin M	2.73 270	Pn	Pn	14	11	48.5	+1.1
GSTD	Great Sitkin T	2.79 270	Pn	Pn	14	11	49.7	+1.6
GSTD	Great Sitkin T	2.79 270	Pn	Pn	14	11	49.5	+1.0
ADAG	Mount Adagdag	3.07 269	Pn	Pn	14	11	54.0	-0.1
ADK	Adak	3.13 267	Pn	Pn	14	11	53.6	+0.7
MREP	Makushin Rep't	3.40 58	Pn	Pn	14	11	58.6	+2.1
KIWB	Kanaga Island	3.42 67	Pn	Pn	14	11	57.1	+0.3
MSW	Makushin Switc	3.43 57	Pn	Pn	14	11	59.2	+2.3
MTBL	Makushin Table	3.51 56	Pn	Pn	14	12	00.6	+2.6
UNV	Unalaska Valle	3.54 59	Pn	Pn	14	12	02.2	+1.3
AKUT	Akutan	4.06 58	Pn	Pn	14	12	09.9	+1.4
SDPT	Sand Point	7.36 60	Pn	Pn	14	12	52.6	+1.9
SHIN	Hinchinbrook I	14.49 30	Pn	Pn	14	14	49.9	+0.3
RDOG	Red Dog Mine	16.52 12	Pn	Pn	14	14	54.3	+0.1
CLB	Clayton	17.73 47	Pn	Pn	14	15	09.4	-0.3
PETK	Petrovopolsk	18.88 285	Pn	Pn	14	15	21.5	+1.8
HYT	Haines Junctio	20.54 52	Pn	Pn	14	15	42.8	-0.3
EPYK	Eagle Plains	22.43 37	P	P	14	16	10.1	+0.4
DIB	Dawson Inlet	23.57 72	P	P	14	16	17.9	-0.1
INK	Inuvik	24.31 34	P	P	14	16	19.9	0.0
YKA	Yellowknife Ar	31.44 48	P	P	14	17	20.9	-1.9

MOS 28 14:54:26.6:1.7, 76.36N:6.92E, h10km, mb5.4/5/3, MS4.7/25, Error ellipse: s-maj=18.2km s-min=4.3km az=94.3
 BUJ 28 14:54:26.0:0.0, 76.40N:7.40E, h5km, mb4.9/6/3, mb5.3/51, Ms5.3/63, Ms7.5/158
 IDC 28 14:54:27.1:0.4, 76.26N:6.90E, h0km, mb4.3/3/9, mb1 4.5/42, mb1mx4.4/5/9, mbtmp4.4/4/2, ML4.1/3, MS4.7/39, Ms1 4.7/39, ms1mx4.6/4/8, Error ellipse: s-maj=10.9km
 ISCJB 28 14:54:28.8:0.1, 76.41N:0.02:6.88E:0.06, h22km, mb4.8/11/7, MS4.8/78, Error ellipse: s-maj=2.8km
 NEIC 28 14:54:28.0:2.3, 76.28N:0.06:7.1E:0.3, h10km, 1km, mb5.3/148
 GCMT 28 14:54:29.0:0.1, 76.41N:0.01:6.78E:0.02, h12km, MW5.3/130, Moment Tensor Solution. s68,c108; s130,c269; Duration: 1s1 Moment tensor: Scale 10¹⁷ Nm; Mm: 1.13±.01; Mxx: 0.15±.02; Myy: 0.97±.01; Mzz: 0.7±.05; Mxy: 0.5±.01; Myz: 0.2±.04; Best double couple: M1: 22900±1017; M2: 1700000±851.00000; M3: 103.00000; M4: 217.00000; M5: 1.00000; Azm1: 16.00000; Principal axes: T: 1.2790, Plg5.0000; Azm1: 16.0000; N: -0.0980, Plg10.0000; Azm25.0000; P: -1.1790, Plg79.0000; Azm232.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 BER 28 14:54:31.6:2.6, 76.47N:7.88E, h21km, 25km, ML3.3, ML4.7(NAO), Confirmed Earthquake
 IEPN 28 14:54:34.0, 76.36N:8.38E, h15km
 ISC 28 14:54:28.2:0.5, 76.47N:0.03:7.07E:0.02, h6km, 2km, h7km, pP, n854, az=219/853, mb5.1/182, MS4.8/60, 29C-6D, Svalbard region

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
BRBB	Barentsburg B	2.27 41	Pn	Pn	14	50	05.4	-0.6
BRBB	Barentsburg B	2.27 41	Pn	Pn	14	50	05.8	-0.5
BRBB	Barentsburg B	2.27 41	Pn	Pn	14	50	05.4	-0.6
BRBB	Barentsburg B	2.27 41	Pn	Pn	14	50	05.8	-0.5
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	26.8	-0.9
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	40.7	-3.7
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	11.2	-0.5
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	11.3	-0.5
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	38.0	-6.4
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	38.1	-6.5
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	36.9	-7.5
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	43.7	
KBS	Kingsbay	2.68 21	Pn	Pn	14	55	11.2	-0.5
BJO1	Bjornoya							

28d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PETK, EGMT, MACI, L48A, etc.

2013 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q48A, S54A, P43A, etc.

1424

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like W57A, X60A, W56A, etc.

Table with columns: DL2, comp-Z, 2um, 16.8s, LR, LR, GOGA Godfrey, 57.94 279 P P 15 04 21.7 +1.0, etc.

Table with columns: NVAR, comp-Z, 1.1um, 19.2s, baz=15, slow=37, LR, LR, 455A Stateville, 60.40 278 P P 15 04 35.3 -2.4, etc.

Table with columns: KMI, comp-Z, 1.1um, 19.1s, LR, LR, HYB Hyderabad, 68.87 104 i P P 15 05 38.0 +4.8, etc.

JMA 28 15:00:17.8±0.1, 33°06'N-140°02'E, h19km, 1km, M2.8
IDC 28 15:00:17.0±2.8, 32°83'N-140°23'E, h102km, 12km, mb3.0/2,
mb1.3/1.3, mb1mx3.4/4.2, mbtmp3.2/3, Error ellipse:
s-maj=109.0km s-min=16.6km az=77.0
ISCJB 28 15:00:19.3±0.9, 33°07'N-140°07'1.0E±0.1, h100km,
mb3.5/2, Error ellipse: s-maj=17.8km s-min=9.3km
az=179.8

ISC 28 15:00:18.5±1.2, 33°00'N-140°06'10"E±0.1, h100km, n16,
r193/20, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, JHCJ Hachiojimakas, 0.22 290 Op Pn 15 00 34.3 +1.5, etc.

IDC 28 15:04:27.6±2.6, 7.61N-125.02E, h0km, mb3.6/3,
mb1.3/9.3, mb1mx3.4/4.2, mbtmp3.6/3, Error ellipse:
s-maj=229.2km s-min=27.1km az=65.0, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, WRA Warramunga Arr, 28.88 162 P P 15 02 28.4 +0.4, etc.

ISCJB 28 15:19:33.0±0.9, 13°12'N-101°09'46W±0.05, h60km±15km,
Error ellipse: s-maj=17.8km s-min=5.4km az=24.3
SNET 28 15:19:33.3±1.1, 13°19'N-89°48W, h59km, 9km, ML3.7
UCR 28 15:19:33.2±1.2, 13°19'N-89°46W, h62km, 11km, MD3.6,
ML3.6
GCG 28 15:19:39.0±0.9, 13°78'N-89°46W, h13km, 903km, MD4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Horco Molle, GUANDACOL, Copiap, Mina Guanaco, etc.

IDC 28 15:45:03.1:76.0,21.81S,178.666E,h10km,mb3.9/3, mb1 4.1/3, mb1mx3.7/21, mbtmp3.9/3, Error ellipse: s-maj=1377.0km s-min=162.6km az=85.0, Fiji Islands region

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

TEH 28 15:46:58.9:27.68N:55.68E,h11km,ML3.8

IDC 28 15:46:59.0:0.3,27.72N:02:55.71E:0.04,h10km, mb3.6/10, Error ellipse: s-maj=5.8km s-min=2.7km az=168.1

DSN 28 15:46:59.0:0.7,27.82N:56.01E,h12km,ML3.8/9, Error ellipse: s-maj=20.6km s-min=5.4km az=82.0

THR 28 15:46:59.3:27.71N:55.73E,h15km,ML3.6

OMAN 28 15:46:59.8:1.9,27.64N:55.41E,h15km,mb3.6/10, Error ellipse: s-maj=28.2km s-min=16.2km az=87.0

IDC 28 15:47:03.5:3,37.29N:167.7E,h10km,39km,mb3.5/9, mb1 3.6/10, mb1mx3.3/35, mbtmp3.8/10, ML3.6/1, Error ellipse: s-maj=21.2km s-min=18.5km az=32.0

ISC 28 15:46:58.6:0.6,27.68N:03:55.65E:0.04,h10km,n71, c184/83,mb3.7/10,Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDS, NIAN, SHME, BANOM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UOSS, KHGB, ISRV, HATD, etc.

ISC/JB 28 16:23:24.0:0.3,3'46S:0:05:145.35E:0:05,h10km, mb4.6/22,MS3.9/18, Error ellipse: s-maj=7.6km s-min=6.1km az=144.8

DJA 28 16:23:23.9:0.4,3'S:4'14.6E',h10km,M4.5/22,mb5.0/7, mb4.6/22,MLv4.5/2,Mw(MB)4.4/7

IDC 28 16:23:24.0:0.9,3'45:145.31E:h0km,mb4.2/11, mb1 4.3/16, mb1mx4.3/32, mbtmp4.4/16, ML4.3/5,MS3.8/18, M5.1 3.8/18, ms1mx3.7/30, Error ellipse: s-maj=21.8km s-min=16.3km az=112.0

NEIC 28 16:23:24.5:2.7,3.32S:0:07:145.55E:0:09,h8km,5km, mb4.7/17

GCMT 28 16:23:30.5:0.3,3'38S:0:02:145.47E:0:02,h24km,2km, MW4.9/66, Moment Tensor Solution. s11,c12; s66,c39; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-0.07s;19; Mw:0.52; 14; Mw-0.08; 14; Mw-0.68; 21; Mw-2.7; 11; Mw:0.52; 19; Best double couple: Mw:2.86900; 1016 NPT:ns90.00000; .861.00000; .1-1.4.00000; NPT: qz:182.00000; 372.00000; 1-170.00000; Principal axes: T: 2.7820, Plg3.00000; Azm137.00000; N: 0.1750; Plg73.00000; Azm236.00000; T- 2.9560, Plg16.00000; Azm46.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 16:23:25.4:0.5,3'38S:0:06:145.43E:0:07,h10km,n72, c131/61,mb4.5/24,MS3.9/18,1,C,Near north coast of New Guinea

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

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

ISC/JB 28 16:41:05.7:0.7,36.95N:144.64E,h0km,mb4.1/14, mb1 4.3/20, mb1mx4.1/41, mbtmp4.2/20, ML3.3/4, MS3.7/4, M5.1 3.7/4, ms1mx3.0/33, Error ellipse: s-maj=18.1km s-min=14.6km az=131.0

ISC/JB 28 16:41:07.1:3,37.11N:0:03:144.44E:0:03,h22km,9km, mb4.0/14,MS4.1/3, Error ellipse: s-maj=5.5km s-min=4.5km az=164.1

NEIC 28 16:41:10.6:1.5,36.98N:0:07:144.57E:0:10,h34km,3km, mb4.7/23

JMA 28 16:41:10.7:0.2,37.17N:144.34E,h63km,M4.5

ISC 28 16:41:08.1:4.0,37.10N:0:05:144.56E:0:06,h16km,26km, n100,c199/108,mb4.3/24,MS4.1/3, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMWST, ONAJ, Iwaki, Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA, AKASO, PDAR, GERES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, SONM, KSR, MAN 28, etc.

DJA 28 18:55:44.6:0.5, 1.2, 0.6S, 9.13E, h35km, 10km, M3.5/6, MLV3.5/6

ISC 28 18:55:40.9:1.2, 0.6S, 9.13E, h130.85E, 0.09, h10km, n11, c2517/11, Irian Jaya region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SWI Sorong, SIJU Sorong, FAKI Fak Fak, etc.

DJA 28 19:01:15.0:0.8, 10.8S, 7.12E, h29km, 7km, M4.0/10, mb4.4/3, mB4.7/2, MLV3.8/10, Mw(mB)3.9/2, Sumba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BASI Baing, WSI Waingapu, WBSI Waikabubak, etc.

ISCJB 28 19:04:07.3:0.2, 25.80N, 0.03-64.19E, 0.02, h10km, mb4.7/105, MS4.3/46, Error ellipse: s-maj=3.7km

ISC 28 19:04:08.8:0.5, 25.97N, 64.27E, h0km, mb4.3/34, mb1.4/3.6, mb1mx4.3/5.9, mbtmp4.3/3.6, ML3.6/2, MS4.3/3.8, Ms1.4/3.38, ms1mx4.1/6.0, Error ellipse: s-maj=12.5km

GCMT 28 19:04:09.8:0.3, 25.78N, 0.02-64.19E, 0.02, h18km, 1km, MW5.0/89, Moment Tensor Solution, s17, c18; s89, c125; Duration: 0 Moment Tensor Solution, Scale 10^19Nm; Mir-0.17E; 15; Mw-2.92; 12; Mw-3.09; 13; Mi-1.95; 37; Mw-1.02; 11; Mw-0.43; 26; Best double couple: M3.62200:1016

NP1: s=213.00000; s73.00000; s=21.00000; NP2: p=309.00000; s70.00000; s=162.00000; Principal axes: T 3.2630, P1g2.0000, Azm261.0000; N 0.8370, P1g63.0000, Azm356.0000; P -4.1010, P1g27.0000; Azm170.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 28 19:04:09.3:1.1, 26.01N, 64.31E, h14km, mb4.8/26, MS4.2/6 Error ellipse: s-maj=6.2km s-min=4.2km az=97.2

DSN 28 19:04:10.6:1.0, 26.28N, 64.00E, h12km, mb4.6/3, ML4.8/10, Error ellipse: s-maj=33.3km s-min=6.7km az=156.0

NEIC 28 19:04:10.8:1.7, 25.9N, 0.1-64.19E, 0.10, h19km, 5km, mb4.7/59

BUJ 28 19:04:11.0:1.0, 26.07N, 64.54E, h12km, mb4.7/29, mb4.7/21, Ms4.7/21, Ms7.4/6/21

OMAN 28 19:04:13.3:0.7, 25.87N, 64.06E, h35km, 7km, mb5.3/4, ms3.9/7, Error ellipse: s-maj=6.8km s-min=5.8km az=330.0

ISC 28 19:04:09.5:0.3, 25.92N, 0.04-64.21E, 0.03, h10km, n368, c1885/371, mb4.6/125, MS4.3/46, 22C-5D, Southwestern Pakistan

Main table for Pakistan region with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like BHJU Bhuj, WSAR Wadi Sarin, JLN Janan Bani Buh, etc.

Main table for 2013 OCT with columns: Code, Station Name, Time, Res. Includes stations like AJN Ajman, DQM DQM, HRA Herat, etc.

Main table for 28d 19h with columns: Code, Station Name, Time, Res. Includes stations like JIRN Jiri, RAMN Ramite, PRZ Przewalsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SRBI, DNP, IGBI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KNMB, LEM, OZH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RPSI, Rantau Prapat, Puluu Batu, etc.

28d 20h

Table with columns for station call letters, frequency, and signal strength. Includes stations like ADK, HIA, LZH, LNH, LKJ, etc.

2013 OCT

Table with columns for station call letters, frequency, and signal strength. Includes stations like BILL, BILBINO, GUN, PKI, etc.

1434

Table with columns for station call letters, frequency, and signal strength. Includes stations like YAH, BALM, POKR, IL31, etc.

002D	Mt. Diablo Mer	88.14	49	P	P	20 14 13.4	+2.2
NRIK	Noril'sk	88.18	341	P	P	20 14 08.9	-1.6
NRIK	comp=Z,4.7nm,0.5s,baz=113,slow=5.7,SNR=7.5					20 56 23.3	
NRIK	Noril'sk	88.18	341	P	P	20 14 09.0	-1.6
ARSB	Arslanbob	88.24	312	I	I	20 14 10.9	-0.8
ARSB	comp=Z,7.4nm,1.1s					20 14 14.7	+2.8
M02C	Callahan	88.30	48	P	P	20 14 13.6	+1.4
WDC	Whiskeytown Da	88.39	49	P	P	20 14 13.6	+1.4
WDC	comp=Z,2.0nm,0.6s					20 14 13.6	+1.4
WDC	Whiskeytown Da	88.39	49	P	I	20 14 18.6	
WDC	comp=Z,2.1nm,0.6s					20 14 14.2	+1.8
HUMO	Hull Mountain	88.43	47	P	I	20 14 15.9	
HUMO	comp=Z,5.8nm,0.9s					20 47 20.0	
YBH	Yreka Blue Hor	88.46	48	LR	LR	20 14 16.1	+1.6
L04D	Klamath Falls	88.84	47	P	P	20 14 16.0	+1.3
H04D	Lebanon	88.92	45	P	P	20 14 17.8	+2.0
M04C	Macdoel	89.11	48	P	P	20 51 14.9	
INK	Inuvik	89.15	21	LR	LR	20 14 15.7	+0.6
INK	comp=Z,2.94nm,20.8s,baz=250,slow=34					20 14 15.7	+0.6
INK	Inuvik	89.15	21	P	P	20 14 15.7	+0.6
INK	comp=Z,5.0nm,0.9s					20 14 17.2	+1.2
J04D	comp=Z,4.7nm,0.9s					20 14 17.9	+1.2
J04D	Umpqua Natona	89.15	46	P	P	20 14 17.9	+1.2
AFDM	Forest Hills D	89.32	51	P	I	20 14 17.9	+1.2
AFDM	comp=Z,9.6nm,1.0s					20 14 20.1	+1.5
PKM	Mcpherson Peak	89.66	55	P	P	20 14 17.0	-1.3
BTK	Batken	89.66	310	P	P	20 14 17.0	-1.3
BTK	comp=Z,12nm,1.2s					20 14 17.0	-1.3
BTK	Batken	89.66	310	P	I	20 14 20.5	+1.5
J05D	Fort Rock, OR	89.79	47	P	P	20 14 20.3	+0.6
BEKR	Beckworth	89.93	50	P	I	20 14 22.5	
BEKR	comp=Z,4.3nm,0.7s					20 14 18.5	-2.7
MOD	Modoc Plateau	90.27	48	P	I	20 14 20.6	-0.7
MOD	comp=Z,5.1nm,0.6s					20 14 20.6	-0.7
KK31	Karatay Array	90.33	313	P	P	20 14 20.6	-0.7
KK31	comp=Z,3.0nm,0.9s					20 14 20.6	-0.7
KK31	Karatay Array	90.33	313	P	I	20 14 20.3	-1.0
KKAR	Karatay Array	90.33	313	P	P	20 14 20.3	-1.0
KKAR	comp=Z,3.0nm,0.9s					20 14 20.3	-1.0
KKAR	Karatay Array	90.33	313	P	I	20 14 20.3	-1.0
KKAR	comp=Z,3.4nm,0.8s					20 14 22.8	+0.8
PNTR	Pine Nut	90.40	51	P	I	20 14 23.1	
PNTR	comp=Z,1.13nm,0.6s					20 14 23.8	+1.6
WAKR	Walker	90.45	51	P	I	20 14 24.8	+1.9
WAKR	comp=Z,5.3nm,0.7s					20 14 23.8	+0.7
CIS	Catalina Islan	90.61	57	P	P	20 14 23.8	+0.7
PAHR	Pah Rah Range	90.65	50	P	I	20 14 25.5	
PAHR	comp=Z,9.0nm,1.0s					20 14 23.8	+0.4
LTY	Liberty	90.79	43	P	I	20 14 24.3	
LTY	comp=Z,4.2nm,0.8s					20 14 26.2	+2.3
ISA	Isabella, Lake	90.84	54	P	P	20 14 27.6	+2.3
EDW2	Edwards Air Fo	91.14	55	P	P	20 14 27.6	+2.3
RYN	Ryan	91.18	51	P	I	20 14 28.6	+1.1
RYN	comp=Z,12nm,1.0s					20 14 27.8	+2.1
TIN	Tinemaha, Big	91.21	53	P	P	20 14 27.8	+1.9
CWC	Cottonwood Cre	91.26	54	P	P	20 14 27.9	+1.9
CWC	comp=Z,9.5nm,0.8s,baz=252,slow=6.4,SNR=4.8					20 14 43.6	+0.6
NVAR	Mina Array Bea	91.32	52	P	P	20 14 27.9	+1.5
NVAR	comp=Z,2.8nm,0.8s,baz=246,slow=6.9,SNR=4.2					20 14 28.2	+1.5
NVAR	Mina Array Bea	91.32	52	P	P	20 14 28.2	+1.5
NVAR	comp=Z,2.04nm,21.8s,baz=274,slow=30					20 14 29.4	
NVAR	Mount Baldy Ra	91.34	56	P	P	20 14 28.2	+1.5
NV11	Mina Array Sit	91.44	52	P	I	20 14 28.2	+1.5
NV11	comp=Z,17nm,1.1s					20 14 26.4	0.0
HAWA	Hanford	91.44	44	P	I	20 14 28.1	
HAWA	comp=Z,11nm,1.1s					20 14 28.3	+1.0
KVN	Kaiserville	91.56	51	P	P	20 14 28.2	+1.0
KVN	comp=Z,9.0nm,0.7s					20 14 29.3	
KVN	Kaiserville	91.56	51	P	I	20 14 29.3	
KVN	comp=Z,9.4nm,0.7s					20 14 30.3	+2.6
DAC	Darwin (Calif)	91.63	54	P	P	20 14 30.3	+2.6
DAC	comp=Z,1.9nm,1.1s					20 14 30.3	+2.6
DAC	Darwin (Calif)	91.63	54	P	I	20 14 29.5	+1.5
DAC	comp=Z,1.8nm,1.1s					20 14 28.1	+0.4
G08A	Pilot Rock	91.69	45	P	I	20 14 45.7	
G08A	comp=Z,8.4nm,1.2s					20 14 22.8	-5.1
PNT	Pentiction	91.77	41	P	P	20 14 27.0	-0.9
PNT	comp=Z,1.3nm,0.6s					20 14 27.2	-0.5
E08A	Dider Farm, El	91.78	44	P	I	20 14 27.7	-0.5
E08A	comp=Z,6.2nm,0.6s					20 14 28.9	
B08A	Colville Reser	91.83	42	P	I	20 14 26.4	-1.9
B08A	comp=Z,4.2nm,0.7s					20 14 26.5	-1.9
BRVK	Borovoye	91.91	323	I	P	20 14 26.5	-1.9
BRVK	comp=Z,8.0nm,1.0s					20 14 26.5	-1.9
BRVK	Borovoye	91.91	323	P	I	20 14 31.3	+1.2
BRVK	comp=Z,1.1nm,0.9s					20 14 32.2	+2.0
GSC	Goldstone, Bar	92.15	55	P	P	20 51 30.7	
FURC	Furnace Creek,	92.23	54	P	LR	20 14 31.5	+0.9
FURC	comp=Z,2.86nm,18.3s,baz=238,slow=33					20 14 31.5	+0.9
PFO	Pinyon Flats O	92.26	57	P	P	20 14 31.5	+0.9
PFO	comp=Z,7.0nm,0.7s					20 14 31.8	+0.7
PFO	Pinyon Flats O	92.26	57	P	I	20 14 31.8	+0.7
PFO	comp=Z,7.5nm,0.7s					20 14 31.8	+0.7
BMN	Battle Mountai	92.39	50	P	P	20 14 31.8	+0.7
BMN	comp=Z,1.1nm,0.9s					20 14 31.8	+0.7
BMN	Battle Mountai	92.39	50	P	I	20 14 30.5	-0.6
BMN	comp=Z,1.1nm,0.9s					20 14 31.9	
C09A	Chrisman Ranch	92.47	42	P	I	20 14 33.1	+1.5
C09A	comp=Z,6.4nm,0.6s						
HEC	Hector,Ludlow	92.49	55	P	P		

TPNV	Topopah Spring	92.78	53	P	P	20 14 33.9	+1.0
TPNV	comp=Z,12nm,1.0s					20 14 32.5	-0.5
TPNV	Topopah Spring	92.78	53	P	P	20 14 32.5	-0.5
TPNV	comp=Z,12nm,1.0s					20 14 36.3	
BMO	Blue Mountains	92.81	45	P	P	20 14 33.0	+0.1
BMO	comp=Z,3.0nm,0.8s					20 14 33.0	+0.1
BMO	Blue Mountains	92.81	45	P	I	20 14 33.1	+0.1
BMO	comp=Z,3.4nm,0.8s					20 14 31.4	-1.2
SYO	Syowa Base	92.90	199	I	P	20 14 35.2	+1.9
SYO	Syowa Base	92.90	199	I	P	20 14 44.2	-5.1
SYO	Syowa Base	92.90	199	I	P	20 14 33.9	+0.3
F10A	Beach Ranch, E	92.98	44	P	I	20 14 35.0	
F10A	comp=Z,5.2nm,1.0s					20 14 35.5	+1.3
GMRC	Granite Mounta	93.04	56	P	LR	20 49 42.0	
NEW	Newport	93.29	42	LR	LR	20 14 34.4	-0.5
NEW	comp=Z,6.25nm,21.4s,baz=290,slow=31					20 14 34.4	-0.5
NEW	Newport	93.29	42	P	P	20 14 34.4	-0.5
NEW	comp=Z,5.0nm,0.7s					20 14 35.6	+1.3
NEW	Newport	93.29	42	P	I	20 14 35.6	+1.3
NEW	comp=Z,4.8nm,0.7s					20 14 37.1	+1.1
R11A	Troy Canyon, C	93.44	52	P	P	20 14 38.7	+1.3
R11A	comp=Z,1.1nm,1.1s					20 14 38.7	+1.3
R11A	Troy Canyon, C	93.44	52	P	I	20 14 39.9	
R11A	comp=Z,1.1nm,1.1s					20 14 36.5	-0.8
SHPR	Sheep Range	93.60	54	P	I	20 14 39.9	
SHPR	comp=Z,1.1nm,1.1s					20 14 36.5	-0.8
PLID	Pearl Lake	93.75	45	P	I	20 51 04.2	
PLID	comp=Z,3.4nm,1.1s					20 51 04.2	
ELK	Elko	93.92	50	LR	LR	20 14 38.8	+0.5
ELK	comp=Z,2.16nm,20.1s,baz=278,slow=32					20 14 38.8	+0.5
ELK	Elko	93.92	50	P	P	20 14 38.8	+0.5
ELK	comp=Z,4.0nm,1.0s					20 14 38.8	+0.5
ELK	Elko	93.92	50	P	I	20 14 41.1	
ELK	comp=Z,3.9nm,0.9s					20 14 41.4	+1.9
PDMCI	Parker Dam,Lak	94.24	56	P	P	20 14 43.8	+1.4
PSUT	Pine Spring	94.81	52	P	I	20 15 02.7	
PSUT	comp=Z,5.6nm,0.8s					20 14 45.9	+1.4
YKW3	Yellowknife Ar	95.79	28	P	I	20 14 48.8	
YKW3	comp=Z,1.1nm,0.8s					20 14 46.8	+0.8
YKA	Yellowknife Ar	95.79	28	P	P	20 15 02.5	-2.2
YKA	comp=Z,10.0nm,0.9s,baz=267,slow=4.6,SNR=5.2					20 15 02.5	-2.2
YKA	Yellowknife Ar	95.79	28	P	I	20 14 46.3	+0.3
YKA	comp=Z,1.1nm,19.7s,baz=300,slow=33					20 14 45.4	-1.9
HRA	Herat	95.86	304	P	I	20 15 02.6	
HRA	comp=Z,4.0nm,0.8s					20 14 49.1	-2.2
JLU	Jordanelle	96.79	50	P	I	20 51 56.1	
JLU	comp=Z,1.1nm,0.6s					20 14 52.1	+0.6
LPIG	La Paz	96.82	67	LR	LR	20 14 53.4	-3.4
LPIG	comp=Z,2.63nm,19.7s,baz=226,slow=31					20 14 53.2	-3.7
BOZ	Bozeman (W)	96.86	45	P	P	20 15 10.4	+0.6
BOZ	comp=Z,3.5nm,1.1s					20 14 58.1	+0.1
ABKAR	Abkulaik array	98.12	319	P	P	20 15 13.0	-1.7
ABKAR	comp=Z,1.7nm,0.7s,baz=238,slow=2.8,SNR=13					20 31 28.8	-2.0
ABKAR	Abkulaik array	98.12	319	P	I	20 54 58.8	
ABKAR	comp=Z,0.3nm,0.5s,baz=112,slow=7.2,SNR=4.0					20 15 13.2	-0.3
PDAR	Pinedale Array	98.27	48	P	P	20 15 13.0	-1.7
PDAR	comp=Z,1.1nm,0.9s,baz=245,slow=6.4,SNR=6.7					20 15 13.0	-1.7
PDAR	Pinedale Array	98.27	48	P	I	20 54 58.8	
PDAR	comp=Z,1.77nm,19.6s,baz=276,slow=33					20 14 57.1	-0.9
ARU	Arti	98.87	326	P	P	20 15 00.1	+0.1
ARU	comp=Z,4.4nm,0.9s					20 15 02.1	+0.1
ARU	Arti	98.87	326	S	S	20 25 32.7	-0.4
ARU	comp=Z,4.4nm,0.9s					20 15 14.2	+3.3
ARU	Arti	98.87	326	I	I	21 01 49.3	
GEYT	Alibek	99.34	307	LR	LR	20 15 09.5	+1.4
GEYT	comp=Z,4.9nm,19.9s,baz=285,slow=36					20 15 08.0	-0.2
LAO	LASA Array	100.62	44	P	P	20 15 08.0	-0.2
LAO	comp=Z,4.4nm,1.0s,baz=45,slow=0.1,SNR=5.0					20 15 08.0	-0.2
SNA	Snae	100.74	187	P	P	20 15 08.0	-0.2
SNA	comp=Z,5.3nm,1.0s,baz=264,slow=1.8,SNR=5.3					20 15 11.5	+1.4
SNA	Snae	100.74	187	P	P	20 15 11.5	+1.4
SNA	comp=Z,5.3nm,1.0s,baz=264,slow=1.8,SNR=5.3					20 15 13.1	0.0
N23A	Red Feather La	100.97	50	P	P	20 15 13	

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like 252A Lumpkin, 52A Murphy, W52A Murphy, Z52A Williamson, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like MCWV Mont Chateau, BISRR Bisoca, BUR08 Bucovina Ar. S, BURAR Bucovina Array, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like R58A Rapidan, J58A Remsen, M58A Price's Panora, BINY Binghamton, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like K62A Royalston, J62A Henniker, V62A Hyde County Ai, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like ITRB Iurama, BB19B Bebedouro, PTGA Pitinga, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like GVD comp=N,6019um,0.2s, GVDS Gavdos, KVRANDI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like QSPA, CPUP, BSCB, RIB01, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like PDPB, TUWZ, WMO, BFZ, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like RES, WMO, WMQ, DIB, etc.

28d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like N57A Milroy, KSPA Keystone Colle, O56A Blue Knob Stat, etc.

DDA 28 21:10:27.6, 37.29N, 27.84E, h7km, 2km, ML2.2

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

MAN 28 21:17:21.9, 9.93N, 124.16E, h3km, mb4.3, ML3.1, MS2.8, 2C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, RCP Roxas, etc.

ISCJB 28 21:19:16.7, 0.6, 1.42S, 0.08, 99.42E, 0.07, h30km, mb3.0/6, Error ellipse: s-maj=13.7km s-min=7.5km

DJA 28 21:19:16.4, 0.6, 1.1S, 6.99E, h19km, 8km, M3.6/8, MLV3.6/8

ISC 28 21:19:29.6, 4.4, 1.13S, 99.83E, h15km, 33km, mb3.2/6, mb1.3/2.8, mb1mx3.1/37, mbtm3.5/8, Error ellipse: s-maj=87.0km s-min=19.3km az=58.0

ISC 28 21:19:7.8, 0.8, 1.42S, 0.07, 99.39E, 0.08, h30km, n19, 148/16, mb3.6/6, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SISI Saiba, PPSI Palau Pagai, SPSI Pulau Batu, etc.

CMAR Chiang Mai Arr 19.76 359 P P 21 23 46.0 +0.5

2013 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, WRA Warramunga Arr, ASAR Alice Springs, etc.

KRNET 28 21:47:12.7, 0.1, 39.33N, 77.87E, mb2.2

SOME 28 21:47:11.0, 42.40N, 81.07E, h5km, 6C, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS Shalkode, UZB Uzynbulak, SATY Sat, etc.

ISC 28 21:52:16.7, 1.4, 8.68S, 124.74E, h0km, mb3.4/2, mb1.4/0.5, mb1mx3.6/34, mbtm3.8/5, ML4.1/2, Error ellipse: s-maj=45.6km s-min=21.6km az=83.0

ISCJB 28 21:52:24.3, 0.8, 9.11S, 10.07, 124.39E, 0.07, h100km, mb3.4/2, Error ellipse: s-maj=12.3km s-min=7.3km az=45.0

DJA 28 21:52:26.5, 0.5, 9.5S, 3.12E, h84km, 6km, M3.9/9, mb4.2/2, mb4.8/3, MLV3.7/9, Mw(MB)4.0/3

ISC 28 21:52:25.7, 1.0, 9.27S, 0.09, 124.45E, 0.10, h100km, n13, 25/18, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Bauntau, BATI Bauntau, etc.

WITZ Warramunga Arr 14.28 139 Sn Sn 21 55 44.7 +1.2

WRA 1.9nm, 0.3s, baz=322, slow=13, SNR=18 Sn Sn 21 58 17.6 -3.3

ASAR Alice Springs 16.94 149 P P 21 56 19.8 +2.7

ASAR 0.4nm, 0.3s, baz=320, slow=25, SNR=7.7 Sn Sn 21 59 21.2 -3.7

SONM Songoing Array 59.06 346 P P 22 02 16.7 +1.3

MKAR Makanchi Array 67.26 330 P P 22 09 01.1 -0.5

ISC 28 21:55:40.9, 36.05N, 29.03E, h18km, ML2.5/14

ATH 28 21:55:40.8, 36.11N, 29.08E, h40km, 1km, ML2.3/3, Error ellipse: s-maj=4.1km s-min=0.7km az=8.0

ISCJB 28 21:55:41.7, 0.7, 36.00N, 0.05, 29.04E, 0.04, h2km, 5km, Error ellipse: s-maj=8.3km s-min=5.1km az=177.2

DDA 28 21:55:42.0, 36.14N, 29.08E, h7km, 5km, ML3.1

ISC 28 21:55:41.7, 1.2, 36.06N, 0.04, 29.05E, 0.03, h15km, 9km, n28, 0687/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, AKAS Akas, etc.

ARG Arkhangelos 0.77 282 P P 21 56 07.7 +0.9

ARG Arkhangelos 0.77 282 PG Pg 21 55 56.1 -0.5

DALY Dalyan (Mula) 0.82 337 P P 21 55 58.0 +0.4

DALY Dalyan (Mula) 0.82 337 P P 21 55 09.6 -0.9

TURN Turunc 0.89 346 PG Pg 21 55 59.9 +0.3

ELL Elmal 0.87 337 PG Pg 21 56 04.4 +0.1

AKUM Antalya-Kumluak 1.08 76 P P 21 56 01.9 -0.1

YER Yerkesik 1.24 320 PN Pn 21 56 03.9 -0.6

GOLH Golhisar 1.24 19 P P 21 56 05.7 0.0

DAT Datca 1.36 300 PN Pn 21 56 05.6 -0.7

KORT Korkuelli 1.41 48 PN Pn 21 56 06.6 -0.3

TAVA DENIZLI_Tavas 1.41 356 P P 21 56 06.4 -0.5

ANTB Antalya 1.54 57 PN Pn 21 56 08.5 0.0

1444

Table with columns: LAST, Lasithi, 3.05 254 P Pn 21 56 29.8 +0.4

ISCJB 28 22:00:44.7, 0.7, 12.40N, 0.06, 87.28W, 0.05, h97km, 10km, Error ellipse: s-maj=12.0km s-min=4.8km az=34.0

SNET 28 22:00:44.6, 0.9, 12.33N, 87.33W, h90km, 23km, ML3.8

UCR 28 22:00:44.7, 1.8, 12.37N, 87.30W, h94km, 9km, MD4.2, ML3.8

ISC 28 22:00:46.0, 1.4, 12.43N, 0.06, 87.26W, 0.05, h91km, 12km, n36, 0994/44, 1C-4D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRIN San Cristobal, CRIN Cerro Negro, etc.

MGAN Managua 1.03 105 eP Pn 22 01 05.8 -0.3

LCND La Caada 1.07 325 eS Sn 22 01 22.1 +0.1

LCND La Caada 1.07 325 eS Sn 22 01 05.8 -0.7

ESTN Estel 1.10 52 eP Pn 22 01 06.8 -0.2

MATN Matagalpa 1.40 69 eP Pn 22 01 10.2 -0.4

LCY Lacayo 1.41 315 eP Pn 22 01 10.1 -0.7

RCON San Juan de Ri 1.51 46 eP Pn 22 01 12.0 -0.1

PAVA Las Pavas 2.07 308 eP Pn 22 01 19.1 -0.2

PAVA Las Pavas 2.07 308 eP Pn 22 01 18.6 -0.9

GSPI Guardaparancos 2.49 131 P Pn 22 01 23.7 -0.4

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 24.0 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.2 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

GSPI Hotel Rincon d 2.50 131 P Pn 22 01 26.7 -0.9

29d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HSAM Samen, KCHF Cheshme Sefid, BHD Baghdad, KER Kermanshah, etc.

ISCJB 29 01:03:01.9e-1.7, 36.55N, 0.05:71.0E:0.2, h100km, Error ellipse: s-maj=25.1km s-min=6.3km az=169.6

NNC 29 01:03:05.8s-2.37, 02N:70.91E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=40.9km s-min=38.2km az=132.0

ISC 29 01:02:59.7-2.1, 36.37N, 0.10:70.9E:0.2, h100km, n11, e150/14, 5C-10, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, TKM2 Tokmak, etc.

ISC 29 01:40:09.3-2.2, 6.82S:130.24E, h0km, mb3.2/1, mb1 3.6/4, mb1mx3.4/26, mbtmpp3.4/4, ML3.5/1, MS3.9/1, Ms1 3.9/1, ms1mx2.5/17, Error ellipse: s-maj=86.9km s-min=28.1km az=78.0, Banda Sea

2013 OCT

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

ISC 29 01:48:39.5-3.5, 5.16S:148.05E, h0km, mb3.8/2, mb1 4.0/4, mb1mx3.6/26, mbtmpp3.9/4, ML3.8/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/27, Error ellipse: s-maj=84.9km s-min=34.9km az=96.0, New Britain region

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

SJA 29 02:08:07.3-1.0, 31.48S:65.03W, h30km, 13km, ML3.4, MW3.5, Cordoba Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TCA Tanti, PIL Pilbar, MRA San Martin, etc.

NEIC 29 02:22:14.7e-1.6, 30.51S:0.05:177.8W:0.2, h8km, 4km, mb4.5/22

ISC 29 02:22:14.2e-1.0, 30.54S:177.63W, h0km, mb4.4/4, mb1 4.5/5, mb1mx4.1/23, mbtmpp4.3/5, ML3.9/1, Error ellipse: s-maj=32.3km s-min=22.2km az=101.0

ISC 29 02:22:16.4e-0.6, 30.57S:0.04:177.8W:0.1, h35km, mb4.3/4, MS3.0/1, Error ellipse: s-maj=13.9km s-min=5.7km az=11.8

ISC 29 02:22:19.0e-0.3, 30.52S:0.06:177.9W:0.1, h35km, n57, e148/55, mb4.5/13, Kermadec Islands

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

ISC 29 02:22:19.0e-0.3, 30.52S:0.06:177.9W:0.1, h35km, n57, e148/55, mb4.5/13, Kermadec Islands

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

1448

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WBO Warramunga Arr, etc.

ISC 29 02:32:30.0, 41.73N:20.74E, h13km, Md2.5/S SKO 29 02:33:31.6, 41.71N:20.87E, h6km, M1.5, ML1.9

BEQ 29 02:33:32.7, 40.41N:20.73E, h4km, 4km, ML1.8/7 PDG 29 02:33:32.8, 40.41N:20.73E, h7km, ML2.1/3, Error ellipse: s-maj=0.5km s-min=1.1km az=0.0

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PHP Peshkopia, OHR Ohrid, PUK Puka, etc.

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DRME Dracevina, PDG Podgorica, TTTG Podgorica, etc.

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

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

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

ISC 29 02:33:31.6e-1.1, 41.74N:0.02:20.69E:0.02, h5km, 9km, n46, e118/79, 9C-7D, Albania

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

29d 4h

Table of station data for 29d 4h, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

Table of station data for 29d 4h, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

2013 OCT

Table of station data for 2013 OCT, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

ISJCJB 29 03:50:56.4,0.6,32.675:0.07:179.4W:0.2,h150km, mb3.7/2, Error ellipse: s-maj=25.0km s-min=5.3km az=19.0

WEL 29 03:50:59.0,7.3,33.7x17.9W:1.7,h33km,M4.3/16, mb4.8/7,ML4.8/14,MLV4.5/16,MW(mb)4.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=109.1

ISJC 29 03:50:59.3,9.7,32.755:179.52W,h157km,95km,mb3.5/2, mb1.3/7,mb1mx3.3/30,mbtmp4.0/3, Error ellipse: s-maj=90.6km s-min=9.1km az=100.0

ISJC 29 03:50:58.4,1.0,32.745:108.179W:0.2,h150km,n37, #230/38, South of Kermadec Islands

Table of station data for 2013 OCT, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

Table of station data for 2013 OCT, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

1450

Table of station data for 1450, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

ISJC 29 04:04:44.8:75.0,2.29N:23.73W,h0km, Error ellipse: s-maj=304.6km s-min=199.8km az=139.0, Central Mid-Atlantic Ridge

MAN 29 04:10:11.5,9.32N:121.74E,h91km,mb4.2,ML3.0,MS2.7, 2C-1D,Sulu Sea

ISJCJB 29 13:22.6:0.5,21.233S:0.03:68.61W:0.06,h147km,6km, mb3.1/1, Error ellipse: s-maj=8.5km s-min=4.8km az=175.1

SJA 29 04:13:22.5:0.9,21.233S:68.56W,h143km,7km,ML3.3, MW3.3

ISJC 29 04:13:23.4:1.2,21.31S:68.06W,h123km,19km,mb3.2/1, mb1.3/2,mb1mx3.0/21,mbtmp3.6/3, Error ellipse: s-maj=50.5km s-min=18.8km az=113.0

GUC 29 04:13:23.6:0.7,21.195S:68.62W,h133km,5km,ML3.1

ISJC 29 04:13:22.9:0.9,21.215S:104.685W:0.06,h140km,9km, n31, #092/50,7C-1D,Chile-Bolivia border region

Table of station data for 1450, including codes, station names, coordinates, and various parameters like S, P, I, A, M, B, and time/residuals.

1451

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AZAP Zapla, SLA San Lorenzo, LPAZ La Paz, etc.

ISCJ 29 04:18:34.1+4.3, 37.29N:72.22E, h143km, 38km, mb3.5/4, mb1 3.5/7, mb1mx3.2/30, mbtmp3.8/7, Error ellipse: s-maj=32.4km s-min=20.5km az=160.0

ISCJ 29 04:18:35.2+0.4, 37.43N:0.03:72.11E:0.05, h150km, mb3.6/4, Error ellipse: s-maj=6.4km s-min=3.6km az=152.7

NNC 29 04:18:43.2+4.2, 38.00N:72.00E, h193km, 28km, mb3.1, mpv3.9, Error ellipse: s-maj=22.4km s-min=13.3km az=19.0

ISC 29 04:18:34.7+0.6, 37.38N:0.06:72.12E:0.06, h150km, n37, c2506/43, mb3.8/4, 6C-4D, Tajikistan

Main table for station 1451, listing various stations like AML Almayashu, UCH Uchtor, KZA Kyzart, etc., with their respective coordinates and parameters.

ISCJ 29 04:21:25.0+1.3, 64.8S:0.1x178.3W:0.6, h10km, mb3.8/2, MS3.6/10, Error ellipse: s-maj=39.5km s-min=14.4km az=170.1

NEIC 29 04:21:26.0+2.0, 64.71S:0.08:178.0W:0.6, h10km, 2km, mb4.6/6

ISC 29 04:21:28.8+1.0, 64.42S:177.51W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.7/10, mbtmp3.7/2, MS3.5/7, Ms1 3.5/7, ms1mx3.3/13, Error ellipse: s-maj=59.5km s-min=69.5km az=51.0

Table for station 1451, listing stations like SBA Scott Base, ODZ Otahua Downs, ODZ South Pole Qui Casey, etc.

2013 OCT

Table for station 2013 OCT, listing stations like SNAA comp=Z,14nm,1.9s, SYO Syowa Base, SYO Syowa Base, etc.

ISC 29 04:42:48.0+3.7, 62S:148.45E, h0km, mb3.1/1, mb1 3.7/2, mb1mx3.3/32, mbtmp3.4/2, MS3.9/1, Ms1 3.9/1, ms1mx2.7/15, Error ellipse: s-maj=143.7km s-min=45.7km az=115.0, New Britain region

Table for station 2013 OCT, listing stations like WRA Warramunga Arr, ASAR Alice Springs, RAO Raoul Island, etc.

ISK 29 04:46:30.8+42.35N:40.92E, h12km, ML3.0/6, TIF 29 04:46:30.9, 42.36N:40.99E, h20km, 2km

MOS 29 04:46:30.9+0.0, 42.47N:41.06E, h1km, MPVA3.6, NORS 29 04:46:33.0+0.0, 42.62N:41.36E, h1km, MPVA3.5

ISC 29 04:46:29.8+1.2, 42.40N:0.02:41.00E:0.03, h1km, 11km, n34, c0574/59, Western Caucasus

Main table for station 2013 OCT, listing stations like BATM Batumi, CHOM Cayelli-Rize, ARTV Artvin, etc.

ISC 29 04:56:38.1+2.7, 21.90S:148.18E, h0km, mb1 3.4/4, mb1mx3.3/29, mbtmp3.2/4, ML3.0/4, Error ellipse: s-maj=31.4km s-min=18.4km az=68.0, Queensland

Table for station 2013 OCT, listing stations like CTA Charters Tower, CTA 3.3nm, 0.3s, etc.

29d 5h

Table for station 29d 5h, listing stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJ 29 04:58:13.3+0.4, 7.3S:0.1x102.91E:0.07, h10km, mb3.9/4, Error ellipse: s-maj=16.5km s-min=8.0km az=24.1

DJA 29 04:58:13.3+0.4, 7.3S:10.3E, h10km, M4.2/11, mb4.2/4, mb5.3/1, MLV4.2/11, Mw(mbJ).7/1

IDC 29 04:58:17.1+3.9, 6.89S:102.96E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/39, mbtmp4.0/5, ML4.1/1, Error ellipse: s-maj=104.1km s-min=36.6km az=33.0

ISC 29 04:58:16.2+1.5, 7.15S:0.1:102.94E:0.09, h10km, n21, c1935/18, mb4.0/4, Southwest of Sumatra

Main table for station 29d 5h, listing stations like KASI Kota Agung, LWLI Liwa, KJAI Manna, etc.

BUI 29 05:19:18.2+0.3, 35.37N:77.22E, h6km, ML3.8/3, Eastern Kashmir

Table for station 29d 5h, listing stations like KSH Kashi, KSH Kashi, KSH Kashi, etc.

NNC 29 05:48:03.4+1.5, 41.66N:171.44E, h0km, mb3.0, mpv2.9, Error ellipse: s-maj=14.1km s-min=5.3km az=4.0

SOME 29 05:48:03.3+0.1, 41.72N:71.55E, h5km, KRNET 29 05:48:03.3+0.1, 41.62N:71.56E, h16km, mb2.0

ISC 29 05:48:02.4+1.3, 41.64N:0.04:71.48E:0.02, h3km, 12km, n24, c1963/42, 11C-10, Kyrgyzstan

Main table for station 29d 5h, listing stations like ARK Arkit, ARK Arkit, ARS Arslanbob, etc.

29d 7h

Table with columns: DGS, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGS 1.8nm,0.5s, DGS 4.5nm,0.4s, DGS Degeres, etc.

IDC 29 05:51:16.4±1.6, 176.74S:178.40W, h0km, mb4.3/4, mb1 4.6/4, mb1mx4.0/2.8, mbtmp4.3/4, Error ellipse: s-maj=164.3km s-min=31.4km az=156.0

ISCJB 29 05:52:02.4±0.5, 17.4S:0.1:178.87W:0.08, h450km, mb3.9/4, Error ellipse: s-maj=17.2km s-min=9.1km az=158.9

NEIC 29 05:52:04.4±0.4, 17.3S:0.2:178.87W:0.1, h467km±11km, mb4.1/1.3

ISC 29 05:52:03.5±0.7, 17.4S:0.1:178.87W:0.1, h450km, n22, 0.61/22, mb4.0/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AFU Afiamalu, NIUE Niue, FIJIA Funafuti, etc.

WEL 29 06:04:57.2±42.5S:2.174:1E:0.9, h14km±2km, M3.7/25, ML3.9/12, MLV3.7/25, Error ellipse: s-maj=0.0km s-min=0.0km az=172.4, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, BSWZ, etc.

2013 OCT

Table with columns: WATZ, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like WATZ Wairara, NMHZ Naumai, MRHZ Matea Rd, etc.

ISK 29 06:37:09.6±0.4, 36N:27.37E, h12km, ML1.9/13, ISCJB 29 06:37:10.0±0.4, 40.36N:0.03:27.38E:0.03, h10km±4km, Error ellipse: s-maj=5.4km s-min=4.2km az=174.9

DDA 29 06:37:10.0±0.9, 40.36N:0.03:27.37E:0.03, h12km±6km, n18, 0.34/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KRBG Karabiga-Canak, KRBG, MRMT Marmara Adasi, etc.

IDC 29 06:38:41.1±17.0, 20.35S:177.35W, h443km±142km, mb3.5/6, mb1 3.6/7, mb1mx3.2/2.9, mbtmp4.3/7, Error ellipse: s-maj=161.8km s-min=25.9km az=42.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like URZ Urewhera, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 29 06:43:07.2±0.6, 21.6S:0.1:11.7W:0.1, h10km, mb3.9/12, MS3.7/15, Error ellipse: s-maj=20.6km s-min=13.2km az=149.9

IDC 29 06:43:07.5±0.7, 21.60S:11.70W, h0km, mb3.9/12, mb1 4.0/12, mb1mx3.9/3.1, mbtmp3.9/12, MS3.7/15, Ms1 3.7/15, ms1mx3.6/2.4, Error ellipse: s-maj=27.4km s-min=17.2km az=147.0

ISC 29 06:43:09.0±0.7, 21.6S:0.2:11.7W:0.1, h10km, n24, 0.59/15, mb4.0/12, MS3.7/15, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TSUM Tsumeb, DBIC Dimbokro, BOSA Boshof, etc.

1452

MAN 29 06:43:22.3, 13.60N:120.63E, h31km, mb4.2, ML3.1, MS2.8, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TGY Tagaytay City, TGY.

ISCJB 29 07:06:21.5±0.6, 31.91S:0.05:138.70E:0.05, h10km, Error ellipse: s-maj=8.1km s-min=6.3km az=27.9

AUST 29 07:06:23.1±0.5, 31.97S:138.64E, h10km, Error ellipse: s-maj=5.8km s-min=4.8km az=63.0

IDC 29 07:06:24.5±4.6, 31.50S:138.84E, h0km, mb1 3.1/3, mb1mx3.0/2.9, mbtmp2.8/3, ML2.8/3, Error ellipse: s-maj=80.6km s-min=16.8km az=30.0

ISC 29 07:06:22.4±1.0, 31.96S:0.06:138.61E:0.05, h10km, n11, 0.195/16, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HLT Hallett, LCRK Leigh Creek, BBOO Bucleboon, etc.

ISCJB 29 07:41:32.5±0.3, 46.83S:0.05:33.4E:0.1, h10km, mb4.2/4, MS3.6/10, Error ellipse: s-maj=11.8km s-min=7.2km az=160.7

IDC 29 07:41:32.5±0.6, 46.92S:33.41E, h0km, mb4.3/14, mb1 4.4/15, mb1mx4.2/4.7, mbtmp4.3/15, ML4.7/1, MS3.6/12, Ms1 3.6/12, ms1mx3.4/3.9, Error ellipse: s-maj=23.9km s-min=13.9km az=67.0

NEIC 29 07:41:33.8±1.6, 46.7S:0.1:33.4E:0.2, h10km±1km, mb4.5/23

ISC 29 07:41:33.8±0.4, 46.75S:0.07:33.2E:0.1, h10km, n65, 0.1976/62, mb4.3/18, MS3.7/10, 1C-1D, Prince Edward Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SUR Sutherland, BOSA Boshof, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GSI Gunungsitoli, BBOO Bucklebo, TOO Toolangi, STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

ISCJB 29:07:48:40.9:0.4, 39:32N:0:02:26:09E:0:04, h7km, 4km, Error ellipse: s-maj=4.8km s-min=3.3km az=164.2

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GPNR Gulpinar-Canak, PRK Paraskevi, SIGR SIGIRI, BOZC Bozcaada, etc.

MOS 29:07:51:25:6:0.9, 23:01N:94:52E, h89km, mb4.7/38, Error ellipse: s-maj=8.7km s-min=5.4km az=116.8

ISCJB 29:07:51:26:5:4.2, 23:06N:94:17E, h8km, mb4.9, ML4.4, mb4.6(NEIC)

NEIC 29:07:51:27:1:1.5, 23:03N:0:05:94:43E:0:06, h85km, mb4.6/61

ISC 29:07:51:28:3:0.4, 22:97N:0:03:94:30E:0:03, h101km, 3km, h101km, p-P, n269, e203/316, mb4.5/75, 5C-3D

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SAIH SAIHA, AZL Aizawl, BRDH Bariachala, etc.

Main station list table for 2013 OCT with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KOHI, AGT Agartala, SIRMIR Sitwe, SHL Shillong, etc.

Main station list table for 29d 7h with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CD2, GYA Guiyang, GYA GYA, GYA GYA, etc.

Table with columns: EIL, Elat, 151.44 284, PKPbc, PKIKP, 08 41 40.0 +0.3, comp=Z, 1.4nm, 0.8s, baz=70, slow=2.2, SNR=14, PKPab, 08 41 48.2 +0.2, etc.

KRSC 29 08:24:04.9 ± 0.1, 48.72N x 156.26E, h12km, 22km, ML4.2, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, SKR Severo-Kuril's, 1.96 377 eP, etc.

IDC 29 08:44:30.9 ± 0.1, 2.9:57S:148.91E, h0km, mb3.8/7, mb1.4/1.9, mb1mx3.8/4.4, mbtmp3.9/9, ML3.6/2, MS3.5/3, Ms1.3/4.3, ms1mx2.8/3.7, Error ellipse: s-maj=26.9km s-min=20.0km az=114.0

ISC 29 08:44:34.8 ± 0.1, 0.972S:0:09:148.74E:0:10, h22km, n13, ±2:40/14, mb3.9/6, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, PMG Port Moresby, 1.59 281 Pn, etc.

NIED 29 09:09:00.37:20N:144.40E, h11km, Mw3.8 Best double couple: M5.08000:1014 NP13:0.159,00000:844.00000, λ-168.00000. NP2:β.60.00000:882.00000, λ-7.400000.

IDC 29 09:09:45.9 ± 0.7, 36:99N:144.77E, h0km, mb4.0/1.2, mb1.4/2.19, mb1mx4.1/4.5, mbtmp4.1/1.9, ML3.8/6, MS2.8/7, Ms1.2/8.7, ms1mx2.6/5.3, Error ellipse: s-maj=18.6km s-min=15.2km az=114.0

ISCJB 29 09:09:49.0 ± 0.4, 37:20N:0:04:144.52E:0:03, h26km, mb4.0/1.3, MS3.2/1, Error ellipse: s-maj=5.2km s-min=3.8km az=160.0

NEIC 29 09:09:51.2 ± 2.1, 36:99N:0:06:144.7E:0:1, h36km, 6km, mb4.3/13

JMA 29 09:09:52.3 ± 0.2, 37:25N:144.40E, h63km, M4.7

ISC 29 09:09:49.5 ± 0.6, 37:06N:0:05:144.68E:0:07, h26km, n81, ±2:07/84, mb4.2/19, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, JIKH Ishinomaki, 2.84 297 Op, etc.

DDA 29 09:28:52.7, 39:09N:37:34E, h7km, 2km, ML2.5

ISC 29 09:28:53.3, 39:06N:37:37E, h10km, ML2.1/5

ISC 29 09:28:53.5 ± 0.1, 39.08N:0:03:37.35E:0:03, h10km, 9km

n17, ±0:69/27, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, CUKAN Kangal SIVAS, 0.25 22 iP, etc.

GCG 29 09:38:18.1 ± 0.3, 14:17N:91.64W, h29km, 5km, MD3.9, SNET 29 09:38:19.3 ± 0.1, 14:35N:91.40W, h28km, 23km, ML2.7

ISC 29 09:38:16.9 ± 3.5, 14:11N:0:2:91.5W:0:2, h10km, n9, ±0:75/10, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, STG3 Santiaguillo 3, 0.62 356 eP, etc.

ISCJB 29 09:50:42.6 ± 0.4, 9:08S:0:05:71.1W:0:1, h60km, mb3.5/6, Error ellipse: s-maj=16.0km s-min=6.0km az=168.6

IDC 29 09:50:45.6 ± 1.2, 2.9:23S:71.12W, h64.1km, 18km, mb2.9/6, mb1.3/1.1, mb1mx2.9/4.3, mbtmp4.0/1.1, Error ellipse: s-maj=23.2km s-min=14.4km az=44.0

NEIC 29 09:50:45.1 ± 1.9, 9:30S:0:10:71.2W:0:1, h63km, 9km, mb4.5/16

ISC 29 09:50:43.4 ± 0.4, 9:20S:0:06:71.1W:0:08, h60km, n39, ±2:02/44, mb4.3/13, Peru-SB border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, ATAH Atahualpa, 7.50 285 Op, etc.

ISC 29 09:50:43.4 ± 0.4, 9:20S:0:06:71.1W:0:08, h60km, n39, ±2:02/44, mb4.3/13, Peru-SB border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC, SDD Santo Domingo, 27.50 2 P, etc.

IDC 29 09:52:10.7 ± 1.2, 35:03N:5:75E, h0km, mb3.7/5, mb1.3/8.7, mb1mx3.5/6.2, mbtmp3.7/7.7, ML3.9/2, MS3.4/1, Ms1.3/4.1, ms1mx2.5/4.0, Error ellipse: s-maj=26.8km s-min=20.3km az=146.0

CRAA 29 09:52:12.2, 35:05N:5:63E, ML3.9

MDD 29 09:52:13.4,1.4,34.94N,5.60E, h0km, mb4.3/22, Error ellipse: s-maj=14.8km s-min=7.8km az=170.0, PRXIMO LDG 29 09:52:15.7,0.1,34.91N,5.74E, h10km, M3.7, Error ellipse: s-maj=3.3km s-min=2.6km az=39.0

ISC 29 09:52:13.1,1.0,9.3506N,0.07558E,0.05, h10km, n72, az=217/89, mb3.9/9, 2C-2D, Northern Algeria

0.9nm,0.4s,baz=285,slow=6.3,SNR=15

ICC 29 09:57:10.8,5.9,36.76N,144.19E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.3/50, mbtmp3.4/3, ML2.2/1, MS3.3/1, Ms1 3.3/1, ms1mx2.3/38, Error ellipse: s-maj=122.7km s-min=36.8km az=24.0

ISCJCB 29 09:57:12.0,0.8,37.10N,0.04,144.16E,0.06, h33km, mb3.6/2, MS3.3/1, Error ellipse: s-maj=6.4km s-min=5.2km az=4.0

JMA 29 09:57:14.5,0.2,37.16N,144.03E, h51km, M3.2, ISC 29 09:57:13.2,1.4,37.16N,0.06,144.20E,0.09, h35km, n28, az=173/39, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including IJIKH, IJOK, IJFK, etc.

ISCJCB 29 10:16:16.4,0.2,3.86S,0.02,122.48E,0.03, h10km, mb4.5/20, MS3.6/6, Error ellipse: s-maj=3.9km s-min=3.1km az=1.1

ICC 29 10:16:18.5,0.7,3.64S,122.21E, h0km, mb4.2/11, mb1 4.3/14, mb1mx4.1/37, mbtmp4.3/14, ML4.3/3, MS3.6/12, Ms1 3.6/12, ms1mx3.4/39, Error ellipse: s-maj=23.4km s-min=14.8km az=85.0

DJA 29 10:16:19.2,0.2,4.52S,122.2E, h10km, M4.7/18, mb4.8/16, mb5.2/10, MLv4.7/18, mb(MB)4.6/10, NEIC 29 10:16:24.5,2.9,3.84S,0.06,122.33E,0.08, h70km, 6km, mb4.3/37

ISC 29 10:16:18.3,0.4,3.83S,0.04,122.37E,0.04, h10km, n118, az=187/121, mb4.4/29, MS3.7/6, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations including KDI, BBSI, BNSI, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations including PSAC2, PSA22, PSA00, etc.

29th 10h

Table with columns for station name, frequency, and signal strength. Includes stations like MBWA Marble Bar, VNA1 Neumayer-Stat, FITZ Fitzroy Crossi, etc.

2013 OCT

Table with columns for station name, frequency, and signal strength. Includes stations like SDSL Sungai Dareh, KKM Kota Kinabalu, TRQA Toruquest, etc.

1460

Table with columns for station name, frequency, and signal strength. Includes stations like LPAZ La Paz, JHZ Hachijo jima 2, GYA Guiyang, etc.

Table with columns: SONM, SONGINO ARRAY, 115.90 326, PKP, PKIKP, 10 56 38.8 +0.6, etc. Includes entries like Camp Elliot, Santo Domingo, In-Ko-Pah, etc.

Table with columns: AAK, ALA-ARCHA, 122.30 301, PKIKP, PKIKP, 10 56 55.5 +4.7, etc. Includes entries like Ala-Archa, Bisha, Bresh, etc.

Table with columns: TORD, TOROI AR. BEA, 127.78 214, PKP, PKPpdf, 10 57 00.9 -0.9, etc. Includes entries like Torodi Ar. Bea, Liberty, Zalesovo Beam, etc.

29d 10h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like KSU1 Kansas State U, PAX Paxson, LWR Lake Charles, etc.

2013 OCT

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Q48A North Vernon, EPYK Eagle Plains, KBZ Khabaz, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M50A Fremont, P55A Reedsville, K47A Vermontville, etc.

VSR	Storozhevoje	144.42 283	i PKIKP	PKPab	10 57 28.7	-1.0	KIS	comp=Z,1um,22.0s	LRM	MLR	12 15 24.0	F62A	baz=224,SNR=7.3	Pittston Farm,	149.93 101	P	PKPbc	10 57 44.6	-1.0		
MEV	Metsovo	144.44 254	P	PKPbc	10 57 30.8	+0.2	KIS	Kishinev	146.38 269	ePKIKP	PKPpdf	10 57 35.0	+0.1	F62A	baz=222	Pittston Farm,	149.93 101	P	PKPbc	10 57 45.9	+0.3
K57A	Sciopio Center	144.46 98	P	PKPab	10 57 29.3	-0.8	K62A	Royalston	146.41 103	PKPpdf	PKPpdf	10 57 35.3	+0.2	F62A	Pittston Farm,	149.93 101	P	PKPbc	10 57 52.7	+1.3	
NVR	Neurokopi	144.47 258	P	PKPab	10 57 29.4	-0.8	K62A	Royalston	146.41 103	PKPbc	PKPbc	10 57 35.8	-0.7	LVTH	Lavrtarv, Hu	149.94 263	ePKIKP	PKPab	10 57 53.0	+1.7	
JAN	Janina	144.51 253	P	PKPbc	10 57 30.9	+0.3	NCB	Newcomb	146.48 99	PKPab	PKPab	10 57 38.0	+0.3	G64A	Maxfield	150.01 103	P	PKPbc	10 57 44.9	-1.0	
KPRO	Kipourio	144.52 254	P	PKPbc	10 57 30.6	-0.1	comp=Z,938nm,20.0s	Middleborough	146.49 105	P	PKPbc	10 57 35.9	-0.8	E61A	Lac Etchemin	150.08 100	P	PKPbc	10 57 44.9	-1.1	
KTI	Kastanea	144.52 255	P	PKPpdf	10 57 32.3	+0.2	baz=218,SNR=8.3	baz=218						TRPA	Tarpa	150.17 265	↑P	PKIKP	10 57 46.9	0.0	
D47A	Chapleau	144.54 87	P	PKPab	10 57 29.5	-0.8	I59A	Olmsteadville	146.51 100	P	PKPpdf	10 57 35.9	+0.6	TRPA	Tarpa	150.17 265	ePKIKP	PKIKP	10 57 47.0	+0.1	
E48A	Lockeys	144.57 89	P	PKPab	10 57 29.6	-0.8	VRI	Vriosticia	146.55 266	↓PKP2	PKPbc	10 57 36.9	+0.1	F63A	Nahmankanta, Br	150.19 102	P	PKPab	10 57 44.9	-1.4	
KZN	Kozani	144.61 255	P	PKIKP	10 57 37.3	+1.4	PLOR	Plorosticia	146.55 266	↓PKP2	PKPbc	10 57 37.4	+0.5	F63A	Nahmankanta, Br	150.19 102	P	PKPab	10 57 47.2	+0.1	
IG1A	Granite Spring	144.64 102	P	PKPab	10 57 30.1	-0.7	PLOR	Plorosticia	146.56 266	↑P	PKPbc	10 57 37.4	+0.5	BLY	Banja Luka	150.19 255	P	PKPab	10 57 52.9	+0.4	
M6T	Goumitasa	144.65 252	P	PKPpdf	10 57 33.0	+0.8	HRV	Adam Dzewowski	146.60 103	PKPpdf	PKPpdf	10 57 37.4	+0.5	D60A	Saint Jean D'O	150.22 99	P	PKPab	10 57 52.1	-0.3	
KLBO	Killbear Provi	144.68 92	P	PKPab	10 57 29.8	-1.0	E53A	Dumoine, Ponti	146.64 93	P	PKPpdf	10 57 36.0	+0.6	H66A	Whiting	150.32 105	P	PKPbc	10 57 45.6	-0.7	
TIRR	Tirgusor	144.71 266	↑PKIKP	PKPab	10 57 30.9	0.0	MLR	Muntele Rosu	146.65 265	↓PKP2	PKPbc	10 57 37.4	+0.1	G65A	Princeton	150.52 104	P	PKPbc	10 57 45.5	-1.1	
TIRR	Tirgusor	144.71 266	↑PKIKP	PKPab	10 57 30.9	0.0	MLR	Muntele Rosu	146.65 265	↓PKP2	PKPbc	10 57 37.4	+0.1	MOR	Hungar	150.62 259	ePKIKP	PKIKP	10 57 46.0	-1.0	
J56A	Wolcott	144.71 97	P	PKPab	10 57 30.7	-0.3	MLR	Muntele Rosu	146.65 265	PKPbc	PKPbc	10 57 37.4	+0.1	LVH	L'vov	150.63 269	ePKIKP	PKIKP	10 57 47.8	-0.1	
MMB	Musomiste	144.72 158	P	PKPab	10 57 30.4	-0.7	D52A	ZEK Kipawa Sen	146.75 91	PKPpdf	PKPpdf	10 57 36.0	+0.4	UZH	Uzhgorod	150.64 266	ePKIKP	PKPpdf	10 57 43.5	+1.8	
L59A	Watson	144.73 200	P	PKPab	10 57 30.2	-1.0	K63A	Dunstable	146.76 103	P	PKPpdf	10 57 36.2	+0.7	F64A	Sherman	150.66 103	P	PKPbc	10 57 52.8	0.0	
ELND	Elena	144.75 262	↑P	PKPab	10 57 30.8	-0.3	J61A	Chester	146.79 101	P	PKPpdf	10 57 36.4	+0.7	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
SAD0	Sadowa	144.76 93	P	PKPbc	10 57 31.2	0.0	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
KNT	Kendrikon	144.77 257	P	PKPab	10 57 29.0	-2.3	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
PKNT	Pentalofos	144.81 257	P	PKPbc	10 57 31.7	0.0	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
GRT	Gritva	144.84 256	P	PKPbc	10 57 31.6	-0.4	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
H53A	Bobcaygeon	144.88 94	P	PKPab	10 57 30.7	-0.9	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
K58A	Earlville	144.89 99	P	PKPab	10 57 31.0	-0.7	LONY	Lake Ozonia	146.80 98	P	PKPpdf	10 57 36.3	+0.6	F64A	Sherman	150.66 103	P	PKPbc	10 57 46.5	-0.9	
K58A	Earlville	144.89 99	P	PKPab	10 57 31.0	-0.7	I60A	Shoreham	146.82 100	P	PKPbc	10 57 36.7	-0.9	E62A	Clayton Lake	150.67 100	P	PKPab	10 57 47.4	0.0	
K58A	Earlville	144.89 99	P	PKPab	10 57 31.0	-0.7	H58A	Gabriels	146.84 99	P	PKPbc	10 57 36.7	-0.9	CHGQ	Chibougamau	150.69 91	P	PKPbc	10 57 54.2	-0.2	
L60A	Shokan	144.96 101	P	PKPab	10 57 30.9	-1.1	F55A	Otter Lake	146.87 95	P	PKPpdf	10 57 36.6	+0.8	D61A	St Aubert, Com	150.78 99	P	PKPbc	10 57 46.8	-0.8	
TLB	Topalu	144.98 266	↑PKIKP	PKPpdf	10 57 32.7	+0.2	E54A	Lac Duplat, Po	146.91 93	P	PKPbc	10 57 37.0	-0.8	GGN	Saint George	150.79 105	IAMS_20	IAMS_20	12 15 22.5	0.0	
TLB	Topalu	144.98 266	↑PKIKP	PKPpdf	10 57 32.7	+0.2	A57A	Newington	146.98 97	P	PKPbc	10 57 37.2	-0.8	KOLS	Kolonick sedl	150.86 266	ePKIKP	PKPab	10 57 54.0	-1.2	
SZH	Sztrahica	144.98 262	P	PKPbc	10 57 31.6	-0.4	E57A	Newington	146.98 97	P	PKPbc	10 57 37.2	-0.8	KOLS	Kolonick sedl	150.86 266	ePKIKP	PKPab	10 57 54.0	-1.2	
I55A	Frankford	145.03 95	P	PKPbc	10 57 31.2	-0.9	ORIO	Orleans, Innes	146.99 96	P	PKPbc	10 57 37.3	-0.7	E63A	Oxbow	151.04 102	P	PKPbc	10 57 46.9	-1.3	
KEK	Kerkira	145.04 252	P	PKPbc	10 57 31.9	-0.4	ORIO	Orleans, Innes	146.99 96	P	PKPbc	10 57 37.3	-0.7	E63A	Oxbow	151.04 102	P	PKPbc	10 57 46.9	-1.3	
VAY	Valandovo	145.05 257	i P	PKPbc	10 57 31.7	-0.5	ORIO	Orleans, Innes	146.99 96	P	PKPbc	10 57 37.3	-0.7	E63A	Oxbow	151.04 102	P	PKPbc	10 57 46.9	-1.3	
SRN	Sarande	145.08 252	P	PKPpdf	10 57 32.9	0.0	VOIR	VOIR	147.03 264	↑PKP2	PKPab	10 57 39.7	-0.1	KWP	Kalwaria Pacla	151.13 267	PKPab	PKIKP	10 57 57.4	+0.5	
KSCT	Kent School, K	145.10 102	PKPbc	PKPbc	10 57 32.3	+0.1	VOIR	VOIR	147.03 264	↑PKP2	PKPab	10 57 39.7	-0.1	KWP	Kalwaria Pacla	151.13 267	PKPab	PKIKP	10 57 57.4	+0.5	
HARR	Harsova	145.11 266	↑PKIKP	PKPpdf	10 57 33.2	+0.4	J62A	Henniker	147.04 102	PKPbc	PKPbc	10 57 39.7	-0.1	D62A	Allapoint, All	151.23 100	P	PKPbc	10 57 47.7	-1.0	
HARR	Harsova	145.11 266	↑PKIKP	PKPpdf	10 57 33.2	+0.4	TESR	Tesani	147.06 267	↑P	PKPbc	10 57 37.7	-0.5	PSZ	Piszkesteto	151.27 262	PKIKP	PKIKP	10 57 49.4	0.0	
BUKO	Buck Lake	145.13 92	P	PKPbc	10 57 31.5	-0.9	D53A	Lac Vacive, Po	147.13 92	PKPbc	PKPbc	10 57 37.5	-0.9	PSZ	Piszkesteto	151.27 262	PKIKP	PKIKP	10 57 49.4	0.0	
PECO	Prince Edward	145.15 96	P	PKPbc	10 57 31.7	-0.8	D53A	Lac Vacive, Po	147.13 92	PKPbc	PKPbc	10 57 37.5	-0.9	PSZ	Piszkesteto	151.27 262	PKIKP	PKIKP	10 57 49.4	0.0	
PECO	Prince Edward	145.15 96	IAMS_20	IAMS_20	12 13 54.9		ARR	Arges	147.13 92	PKPbc	PKPbc	10 57 38.6	+0.2	PSZ	Piszkesteto	151.27 262	ePKIKP	PKIKP	10 57 54.2	+2.0	
M62A	Hamden	145.15 103	P	PKPbc	10 57 31.7	-0.8	MATE	Materhorn	147.15 101	PKPbc	PKPbc	10 57 40.6	+0.2	PSZ	Piszkesteto	151.27 262	PKPbc	PKIKP	10 57 48.1	-0.8	
FNA	Florida	145.17 255	PKIKP	PKPbc	10 57 32.2	-0.6	H59A	Hanover	147.15 101	PKPbc	PKPbc	10 57 39.3	+0.7	PSZ	Piszkesteto	151.27 262	PKPbc	sPKPbc	10 57 49.4	0.0	
FNA	Florida	145.17 255	IAMS_20	IAMS_20	12 08 17.5		H59A	Cadyville	147.24 99	PKPbc	PKPbc	10 57 38.1	-0.7	E64A	Bridgewater	151.31 102	P	PKPbc	10 57 47.8	-1.1	
FNA	Florida	145.17 255	IAMS_20	IAMS_20	12 08 17.5		DOPR	Dopca	147.26 265	↑P	PKPbc	10 57 39.6	+0.8	BUD	Budapest	151.37 261	ePKIKP	PKPab	10 57 55.0	-2.3	
E50A	Wahnapitae	145.21 90	P	PKPbc	10 57 31.9	-0.7	I61A	Orchard, Fairl	147.40 101	P	PKPbc	10 57 38.4	-0.8	KECS	Kecovo	151.39 264	ePKIKP	PKPab	10 57 54.5	-2.9	
J57A	Williamstown	145.22 98	P	PKPbc	10 57 32.0	-0.7	ALFO	Alfred	147.41 96	P	PKPbc	10 57 38.2	-0.9	KECS	Kecovo	151.39 264	ePKIKP	PKPab	10 57 54.5	-2.9	
KKB	Krupnik	145.24 258	P	PKPpdf	10 57 34.2	+1.1	PDG	Podgorica	147.45 254	PKPbc	PKPbc	10 57 39.6	+0.2	TIH	Tihany	151.48 259	ePKIKP	PKIKP	10 57 53.1	+3.4	
F51A	Arnstein	145.24 91	P	PKPbc	10 57 32.1	-0.6	PDG	Podgorica	147.45 254	PKPbc	PKPbc	10 57 39.6	+0.2	CART	Cartagena	151.56 223	PKPab	PKPbc	10 57 57.8	+0.5	
D48A	Paudash Townsh	145.24 88	P	PKPbc	10 57 31.9	-0.8	G58A	Orms town	147.45 98	P	PKPbc	10 57 38.8	-0.5	D63A	Stockholm	151.64 101	P	PKPbc	10 57 48.4	-1.2	
G53A	Haliburton	145.26 93	P	PKPbc	10 57 32.2	-0.7	E55A	Orchard-Lyto	147.46 94	P	PKPbc	10 57 38.8	-0.5	CSKK	Cskako	151.64 260	ePKIKP	PKPab	10 57 55.0	-3.5	
K59A	Cooperstown	145.27 100	P	PKPbc	10 57 32.3	-0.7	E55A	Orchard-Lyto	147.46 94	P	PKPbc	10 57 38.8	-0.5	MIGM	Minsk	151.75 280	ePKIKP	PKPab	10 58 00.0	+1.2	
DELO	Deloro Mine	145.29 95	IAMS_20	IAMS_20	12 16 07.7		ACER	Acerenza	147.63 249	PKPbc	PKPbc	10 57 40.5	+0.5	MPLH	Magyarpolny	151.84 259	ePKIKP	PKPbc	10 57 49.1	-1.0	
DELO	Deloro Mine	145.29 95	IAMS_20	IAMS_20	12 16 07.7		F57A	Harrington	147.64 96	PKPbc	PKPbc	10 57 39.1	-0.7	YHNS	Yhne	152.18 262	ePKIKP	PKPab	10 57 58.2	-2.5	
DELO	Deloro Mine	145.29 95	IAMS_20	IAMS_20	12 16 07.7		LOT	Lot	147.65 263	↑P	PKPbc	10 57 40.4	+0.4	YHNS	Yhne	152.18 262	ePKIKP	PKPab	10 57 58.2	-2.5	
CFR	Carcaiu	145.38 266	↑PKIKP	PKPbc	10 57 33.0	-0.2	H60A	Morristown	147.65 100	PKPbc	PKPbc	10 57 38.9	-1.1	LMN	Caledonia Moun	152.28 107	PKIKP	PKIKP	10 57 51.2	-0.2	
CFR	Carcaiu	145.38 266	↑PKIKP	PKPbc	10 57 33.0	-0.2	D54A	Lac Fusel, La	147.68 93	P	PKPpdf	10 57 38.2	+1.2	LMN	Caledonia Moun	152.28 107	PKIKP	PKIKP	10 57 51.2	-0.2	
TFR	Tepeleena	145.41 253	P	PKIKP	10 57 41.6	+4.2	I62A	Tamworth	147.76 102	PKPbc	PKPbc	10 57 42.4	-0.3	LANS	Liptovska Anna	152.34 264	ePKIKP	PKPab	10 57 57.4	+1.0	
WTE	Wundridge	145.43 92	P	PKPbc	10 57 32.6	-0.8	I62A	Tamworth	147.76 102	PKPbc	PKPbc	10 57 42.4	-0.3	TRI	Trieste	152.49 282	IAMS_20	IAMS_20			

29d 11h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like R11A Troy Canyon, C, E03A Lebam, B04L Bradley Lake, etc.

2013 OCT

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like YAH Yahtse, BJT Bajiatuau, BJT Bajiatuau, etc.

1466

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like HIA Hailar, REDW Red Top Meadow, TPWA Teton Pass, etc.

29d 11h

2013 OCT

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Table with columns for station call letters, frequency, power, and various signal quality indicators. The table is organized into multiple columns, with station names and call letters on the left, and numerical values and status indicators on the right. It includes a wide variety of stations and their associated data points.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MURB Monte Urbino, RLS Riolos de Patr, KTHA Kythira Island, etc.

ASCAR Alice Springs 67.78 153 P P 11 28 17.9 -2.5
comp=E,0.4nm,0.5s,baz=337,slow=6.6,SNR=14

UPA 29 11:18:08.1±0.8,9:56N-83:52W,h9km,10km,MW3.6
UCR 29 11:18:09.6±1.6,9:40N-83:67W,h32km,2km,MD3.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EDLM Las Mercedes, EDLM Dominical, EDDO LCR2, etc.

ASCAR Alice Springs 67.78 153 P P 11 28 17.9 -2.5
comp=E,0.4nm,0.5s,baz=337,slow=6.6,SNR=14

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BTO Baotou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EDLM Las Mercedes, EDLM Dominical, EDDO LCR2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HEL 29 11:18:11.8±0.1,60:50N-25:44E,h0km,ML0.8, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PVF Pernaja, NUR Nurmijvi, VIJ Virojoki, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAF Kangasieniemi, KEF Keuruu, RAU Rauma, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, ZLN Zelenaya, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BTR Baotou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MTRV Mutnovka, KDTR Khodutka, TILK Tikhochki, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TLR Torca, TLR Torca, EMUR El Muñido, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TLR Torca, TLR Torca, EMUR El Muñido, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, ZLN Zelenaya, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BTR Baotou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like X48A Hartselle, ATAH Alathualpa, TX32 Lajitas Array, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like PBMO Poplar Bluff, V56A Mocksville, TUL1 Leonard, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like ACSO Alum Creek Sta, MCWV Mont Chateau, CBKS Cedar Bluff, etc.

P57A	Homestead Farm	55.05 354	P	P	13 00 23.6 +0.8
P57A	Homestead Farm	55.05 354	P	Iamb	13 00 24.1 +1.2
P57A	comp=Z,13nm,1.0s				13 00 30.7
P56A	Dayton Farm, R	55.16 353	P	P	13 00 24.3 +0.7
P56A	Greenville	55.19 356	P	P	13 00 23.3 -0.5
WCI	Wyandotte Cave	55.19 346	P	P	13 00 22.7 -1.2
USIN	University of	55.27 345	P	P	13 00 23.9 -0.5
P55A	Reedsville	55.28 352	P	P	13 00 25.0 +0.4
Q50A	Georgetown	55.29 348	P	P	13 00 23.5 -1.2
U40A	Yellville	55.32 339	P	P	13 00 24.2 -0.7
U40A	Yellville	55.32 339	P	Iamb	13 00 24.8
Q51A	Peebles	55.35 349	P	P	13 00 23.9 -1.2
Q51A	Peebles	55.35 349	P	Iamb	13 00 24.7
Q51A	comp=Z,14nm,0.9s				13 00 24.7
MCWV	Mont Chateau	55.43 352	P	P	13 00 25.9 +0.4
MCWV	Mont Chateau	55.43 352	P	Iamb	13 00 25.0 -0.6
MCWV	comp=Z,17nm,1.1s				13 00 26.7
S44A	Carbondale	55.44 343	P	P	13 00 25.0 -0.6
SIUC	Southern Illin	55.45 343	P	P	13 00 25.1 -0.7
P54A	Burton	55.46 352	P	P	13 00 25.9 +0.1
P53A	Whipple	55.48 351	P	P	13 00 25.8 -0.1
P53A	Whipple	55.48 351	P	Iamb	13 00 26.0 +0.1
P53A	comp=Z,19nm,0.9s				13 00 27.0
O58A	Lewisberry	55.59 355	P	P	13 00 27.1 +0.4
Q49A	Aurora	55.63 346	P	P	13 00 25.9 -1.2
HHAR	Hobbs	55.63 338	P	Iamb	13 00 26.6 -0.5
HHAR	comp=Z,29nm,1.1s				13 00 27.9
X34A	Smith Ranch, M	55.67 334	P	P	13 00 27.9 +0.4
P52A	Corning	55.73 350	P	P	13 00 27.0 -0.8
O57A	Amberson	55.74 355	P	P	13 00 28.3 +0.5
Q48A	North Vernon	55.74 347	P	P	13 00 26.5 -1.3
MGMO	Mountain Grove	55.85 340	P	Iamb	13 00 27.4 -1.2
MGMO	comp=Z,23nm,1.1s				13 00 28.6
O56A	Blue Knob Stat	55.88 354	P	P	13 00 29.7 +0.8
O56A	Blue Knob Stat	55.88 354	P	P	13 00 28.8 -0.1
O55A	Ligonier	55.91 353	P	P	13 00 29.4 +0.4
TUL1	Leonard	55.99 337	P	P	13 00 29.2 -0.4
TUL1	Leonard	55.99 337	P	P	13 00 30.1 +0.4
P50A	Jamestown	56.00 349	P	P	13 00 28.8 -0.8
FNO	Franklin	56.06 335	P	P	13 00 29.8 -0.4
P49A	Miami Univ. Ec	56.11 348	P	P	13 00 29.0 -1.4
O52A	Adamsville	56.16 351	P	P	13 00 30.3 -0.4
P48A	Milroy	56.18 347	P	P	13 00 29.2 -1.7
P48A	Milroy	56.18 347	P	Iamb	13 00 29.3 -1.7
P48A	comp=Z,22nm,1.1s				13 00 29.9
SSPA	Standing Stone	56.18 354	P	P	13 00 31.3 +0.4
SSPA	Standing Stone	56.18 354	P	P	13 00 31.1 +0.2
WMOK	Wichita Mounta	56.20 333	P	P	13 00 30.7 -0.5
WMOK	Wichita Mounta	56.20 333	P	pmax	13 00 30.2 -1.0
WMOK	comp=Z,6.0nm,1.1s				13 00 30.2
WMOK	Wichita Mounta	56.20 333	P	P	13 00 30.2 -1.0
O53A	New Philadelph	56.20 351	P	P	13 00 30.8 -0.2
N60A	Cedar Hill Far	56.21 357	P	P	13 00 30.8 -0.3
N57A	Milroy	56.27 355	P	P	13 00 31.5 0.0
N58A	Sunbury	56.28 356	P	P	13 00 31.6 -0.1
N58A	Sunbury	56.28 356	P	P	13 00 31.3 -0.3
PAL	Palisades	56.30 358	P	P	13 00 31.1 -0.6
O51A	Pataaskala	56.31 350	P	P	13 00 31.1 -0.8
CCM	Cathedral Cave	56.36 342	P	P	13 00 31.1 -1.1
CCM	Cathedral Cave	56.36 342	P	pmax	13 00 31.3 -0.9
CCM	comp=Z,11nm,1.1s				13 00 31.3
CCM	Cathedral Cave	56.36 342	P	P	13 00 31.3 -0.9
N55A	Marion Center	56.44 353	P	P	13 00 33.2 +0.4
N55A	Marion Center	56.44 353	P	P	13 00 33.4 +0.6
ACSO	Alum Creek Sta	56.46 350	P	P	13 00 31.7 -1.2
ACSO	Alum Creek Sta	56.46 350	P	P	13 00 32.1 -0.8
O50A	Cable	56.49 349	P	P	13 00 32.1 -1.0
N56A	West Decatur	56.50 354	P	P	13 00 33.7 +0.5
O49A	Covington	56.66 349	P	P	13 00 33.3 -1.0
O49A	Covington	56.66 349	P	Iamb	13 00 33.5 -0.8
O49A	comp=Z,29nm,1.1s				13 00 33.7
M63A	Gales Ferry	56.66 360	P	P	13 00 34.4 +0.1
N53A	Lisbon	56.69 352	P	P	13 00 34.3 -0.2
N54A	Moraine State	56.73 353	P	P	13 00 35.0 +0.2
N54A	Moraine State	56.73 353	P	Iamb	13 00 34.0 -0.8
N54A	comp=Z,8.7nm,0.8s				13 00 38.4
M58A	Price's Panop	56.80 356	P	P	13 00 35.5 +0.2
M57A	Sunshine Farm,	56.81 355	P	P	13 00 35.9 +0.5
M57A	Sunshine Farm,	56.81 355	P	Iamb	13 00 35.2 -0.2
M57A	comp=Z,26nm,1.0s				13 00 37.1
MNTX	Cornudas Mount	56.96 326	P	P	13 00 36.2 -0.4
MNTX	Cornudas Mount	56.96 326	P	Iamb	13 00 35.6 -1.0
MNTX	comp=Z,16nm,1.1s				13 00 37.5
N50A	Nevada	57.01 350	P	P	13 00 35.8 -1.0
M56A	Emporium	57.05 354	P	P	13 00 37.3 +0.2
M56A	Emporium	57.05 354	P	P	13 00 36.9 -0.2
M55A	Ridgway	57.09 354	P	P	13 00 37.6 +0.2
M55A	Ridgway	57.09 354	P	P	13 00 37.2 -0.2
L63A	North Scituate	57.12 0	P	P	13 00 37.0 -0.5
M54A	Oil Creek Stat	57.23 353	P	P	13 00 38.5 +0.2
M54A	Oil Creek Stat	57.23 353	P	P	13 00 38.5 +0.2
P43A	Skaggs, Pawnee	57.34 344	P	P	13 00 37.9 -1.2
P43A	Skaggs, Pawnee	57.34 344	P	P	13 00 37.5 -1.6
N49A	Columbus Grove	57.34 349	P	P	13 00 38.1 -1.0
MSTX	Muleshoe	57.40 330	P	P	13 00 38.3 -0.8
MSTX	Muleshoe	57.40 330	P	Iamb	13 00 39.3 -0.6
MSTX	Muleshoe	57.40 330	P	Iamb	13 00 39.5 -0.3
M51A	Elyria	57.40 351	P	P	13 00 41.5
M51A	comp=Z,14nm,0.9s				13 00 41.5

L58A	Harry Jones Me	57.43 356	P	P	13 00 39.8 +0.1
ALLY	Alegheny Colle	57.43 353	P	P	13 00 39.8 +0.1
N48A	Decatur	57.45 348	P	P	13 00 40.2 +0.4
L57A	Andrews Acres	57.45 356	P	P	13 00 39.7 -0.2
L61A	Hillsdale 1, H	57.48 358	P	P	13 00 40.0 -0.1
L59A	Walton	57.53 357	P	P	13 00 40.7 +0.2
BINY	Binghamton	57.59 356	P	P	13 00 40.5 -0.3
BINY	Binghamton	57.59 356	P	Iamb	13 00 40.4 -0.4
BINY	comp=Z,21nm,0.9s				13 00 42.2
N47A	Urbana	57.60 348	P	P	13 00 39.3 -1.6
N47A	Urbana	57.60 348	P	P	13 00 39.6 -1.3
M50A	Fremont	57.61 350	P	P	13 00 40.0 -1.0
M50A	Fremont	57.61 350	P	P	13 00 39.8 -1.2
AMTX	Amarillo	57.62 331	P	P	13 00 40.8 -0.5
AMTX	Amarillo	57.62 331	P	Iamb	13 00 41.2 -0.1
AMTX	comp=Z,12nm,1.1s				13 00 42.4
L56A	Greenwood	57.64 355	P	P	13 00 41.3 +0.1
L56A	Greenwood	57.64 355	P	P	13 00 41.7 +0.4
U32A	Winger Ranch,	57.69 334	P	P	13 00 41.3 -0.4
L53A	Girard	57.74 353	P	P	13 00 41.7 -0.2
L55A	Hinsdale	57.77 354	P	P	13 00 42.4 +0.2
M49A	Liberty Center	57.84 349	P	P	13 00 41.5 -1.1
ERPA	Erie	57.87 353	P	P	13 00 42.6 -0.2
ERPA	Erie	57.87 353	P	P	13 00 42.1 -0.7
L54A	Sinclairville	57.91 353	P	P	13 00 43.3 +0.2
M48A	Edgerton	57.99 349	P	P	13 00 42.3 -1.3
M48A	Edgerton	57.99 349	P	P	13 00 44.1 +0.4
WVNY	West Valley, N	58.01 354	P	P	13 00 44.1 +0.4
K59A	Coopersstown	58.10 357	P	P	13 00 44.1 -0.3
K58A	Earlville	58.13 357	P	P	13 00 44.6 0.0
K58A	Earlville	58.13 357	P	Iamb	13 00 45.0 +0.4
K58A	comp=Z,24nm,1.0s				13 00 45.9
K57A	Scipio Center	58.15 356	P	P	13 00 44.6 -0.2
K56A	Middlesex	58.18 355	P	P	13 00 44.9 -0.1
K54A	Basiliko Farm,	58.22 354	P	P	13 00 45.5 +0.3
MMNY	Mt. Morris Dam	58.26 355	P	Iamb	13 00 45.3 -0.1
MMNY	Mt. Morris Dam	58.26 355	P	Iamb	13 00 47.6
K55A	Perry	58.27 355	P	P	13 00 45.5 -0.1
L48A	N Adams	58.38 349	P	P	13 00 45.5 -0.9
L49A	Milan	58.42 350	P	P	13 00 45.9 -0.7
K52A	Tilsonburg	58.62 352	P	P	13 00 47.3 -0.6
K51A	Iona Station	58.66 352	P	P	13 00 47.7 -0.6
N41A	Harden Midland	58.70 343	P	P	13 00 47.2 -1.4
J58A	Remsen	58.71 357	P	P	13 00 48.4 -0.2
J58A	Remsen	58.71 357	P	P	13 00 47.5 -1.1
J56A	Wolcott	58.72 356	P	P	13 00 48.4 -0.2
MEDO	Medina	58.74 354	P	P	13 00 48.5 -0.3
MEDO	Medina	58.74 354	P	P	13 00 48.5 -0.3
J59A	Piesco	58.78 358	P	P	13 00 48.9 -0.2
J55A	Hilton	58.78 355	P	P	13 00 49.5 +0.4
J57A	Williamstown	58.80 356	P	P	13 00 49.1 0.0
J57A	Williamstown	58.80 356	P	Iamb	13 00 49.1 0.0
J57A	comp=Z,23nm,0.9s				13 00 50.1
STCO	Saint Catharin	58.86 354	P	P	13 00 49.3 -0.2
J54A	Appleton	58.87 354	P	P	13 00 49.5 -0.1
J54A	Appleton	58.87 354	P	P	13 00 49.4 -0.2
121A	Cookes Peak, D	58.91 325	P	P	13 00 51.4 +1.0
121A	Cookes Peak, D	58.91 325	P	Iamb	13 00 51.2 +0.8
121A	comp=Z,23nm,1.0s				13 00 52.2
319A	Douglas	59.01 323	P	P	13 00 51.4 +1.0
I58A	Old Forge	59.02 357	P	P	13 00 50.6 -0.2
I59A	Olmsteadville	59.09 358	P	P	13 00 51.0 -0.2
KSU1	Kansas State U	59.10 338	P	P	13 00 50.9 -0.5
K48A	Perry	59.16 349	P	P	13 00 50.6 -1.1
K47A	Vermontville	59.19 349	P	P	13 00 51.0 -0.9
I57A	Carthage	59.30 357	P	P	13 00 52.4 -0.3
K46A	Dot	59.36 348	P	P	13 00 51.5 -1.5
PECO	Prince Edward	59.38 356	P	P	13 00 52.8 -0.3
PECO	Prince Edward	59.38 356	P	P	13 00 53.4 +0.2
DRWO	Darlington Wes	59.47 354	P	P	13 00 53.4 -0.4
BNN	Barren Site	59.51 327	P	P	13 00 55.1 +0.5
J48A	Bridge Port	59.58 350	P	P	13 00 53.5 -1.1
I51A	Listowel	59.66 352	P	P	13 00 54.5 -0.6
J47A	Summer	59.70 349	P	P	13 00 54.6 -0.9</

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Table with columns for station call letters, name, frequency, and other details. Includes stations like SMCO, Y12C, PV18, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like ARVC, DUG, ISA, etc.

1476

Table with columns for station call letters, name, frequency, and other details. Includes stations like MOD, MSO, BMO, etc.

29d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGZ, BRCR, Tunjur, Elanda, Gorno-Altaysk, Nizh Angarsk, etc.

ISCJB 29 13:34:19.3:0.3,52:67N:0.05:169:50W:0.05, h10km, mb4.2/11, MS3.5/6, Error ellipse: s-maj=7.8km

IDC 29 13:34:19.6:0.3,52:58N:169:64W, h0km, mb3.8/8, mb1.4/10, mb1mx3.7/5.2, mbtmp3.8/10, ML3.2/1, MS3.3/5, Ms1.3/2.5, ms1mx2.9/4.6, Error ellipse: s-maj=27.8km

NEIC 29 13:34:20.2:1.8,52:64N:0.08:169:48W:0.10, h6km,4km, mb3.4/42, ML4.0(AEIC)

AEIC 29 13:34:20.2:2.5,52:73N:0.10:169:51W:0.10, h5km,5km

ISC 29 13:34:20.8:0.6,52:65N:0.09:169:44W:0.05, h10km, n123, r1901/116, mb4.3/15, MS3.5/6, Fox Islands

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMAR, Indian Mountain, Denali Highway, RAGM, etc.

ISC 29 13:38:24.6:3.2,38:84N:69:68E, h12km,12km, mb3.7, mpv3.3, Error ellipse: s-maj=24.5km s-min=12.8km

ISC 29 13:38:19.0:3.0,38:5N:0.2:69:53E:0.09, h12km, n10, r139/15, 7C-2D, Tajikistan

ISC 29 14:44:11.0:0.0,52:36N:168:63W, h5km, mb5.0/63, mb5.1/44, Ms4.9/47, Ms7.4/74

ISC 29 14:43:12.0:0.0,52:24N:168:50W, h0km, mb4.7/31, mb1.4/8.32, mb1mx4.6/38, mbtmp4.7/32, ML3.7/1, MS4.4/24, Ms1.4/2.4, ms1mx4.2/4.1, Error ellipse: s-maj=16.6km

MOS 29 14:44:13.1:1.1,52:17N:168:39W, h23km, mb5.3/82, MS4.5/6, Error ellipse: s-maj=7.5km s-min=4.8km az=102.7

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

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

ISK 29 13:52:31.9:37:15N:37:10E, h6km, ML2.1/4, DDA 29 13:52:32.5:37:20N:37:10E, h7km,3km, ML2.5

ISC 29 13:52:31.8:1.4,37:10N:0.06:37:10E:0.03, h4km,10km, n16, r078/26, Turkey

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

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

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

IDC 29 14:04:00.1:1.1,26:10N:128:51E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.6/35, mbtmp3.7/6, ML3.2/1, MS2.9/2, Ms1.2/9.2, ms1mx2.4/4.6, Error ellipse: s-maj=35.3km s-min=14.0km az=77.0

NEIC 29 14:04:02.0:1.2,26:05N:0.08:128:55E:0.1, h16km,6km, mb4.4/7

JMA 29 14:04:02.1:0.3,26:10N:128:70E, h36km, M3.4

ISC 29 14:03:59.9:1.9,26:07N:128:68E, h6km,12km, n37, r1961/45, mb3.9/8, Ryukyu Islands

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

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

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

29d 14h

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MJAR, MJSB, TUQ, HEC, MSU, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SUMG, SLY, TLY, ULN, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like E54A, G53A, P48A, etc.

L58A	Harry Jones Me	59.65	60	P	P	14 54 15.0	-1.9
LRAL	Lakeview Retre	59.68	74	P	P	14 54 15.8	-1.3
XAN	Xi'an	59.73	288	pP	pP	14 54 18.5	+0.9
XAN				pP	pmax	14 54 25.3	+0.7
XAN	comp=Z,24nm,1.3s				pmax		
XAN	comp=Z,160nm,3.6s				LR	LR	
XAN	comp=Z,170nm,14.9s				LR	LR	
XAN	comp=Z,500nm,16.8s				LR	LR	
XAN	comp=Z,460nm,17.8s				LR	LR	
XAN	Xi'an	59.73	288	P	P	14 54 17.0	-0.6
XAN	comp=Z,30nm,1.1s				pmax		
XAN	Xi'an	59.73	288	P	P	14 54 17.0	-0.6
M58A	Price's Panora	59.79	61	P	P	14 54 17.3	-0.6
P56A	Dayton Farm, R	59.81	64	P	P	14 54 16.5	-1.5
U53A	Fall Branch	59.91	68	P	P	14 54 17.3	-1.5
DGZ	Jazzator, Alta	59.92	313	iP	P	14 54 18.1	-0.7
O57A	Amberson	59.97	62	P	P	14 54 18.4	-0.8
T54A	Tazewell	59.99	67	P	P	14 54 18.8	-0.6
J60A	Lant Hill Farm	60.08	57	P	P	14 54 20.1	+0.3
S55A	Lewisburg	60.10	66	P	P	14 54 20.1	0.0
LBNH	Lisbon	60.14	55	P	P	14 54 19.8	-0.5
Z50A	Ashland	60.16	73	P	P	14 54 19.3	-1.2
Z50A	Ashland	60.16	73	P	I	14 54 19.0	-1.5
Z50A					Iamb	Iamb	
Y51A	Rockmart	60.21	72	P	P	14 54 19.8	-1.0
M59A	Waymart	60.22	60	P	P	14 54 20.5	-0.3
R56A	Gull Pasture M	60.27	65	P	P	14 54 20.2	-1.1
H62A	Milan	60.29	55	P	P	14 54 19.6	-1.6
E63A	Oxbow	60.32	52	P	P	14 54 19.0	-2.4
O57A	Strasburg	60.38	64	P	P	14 54 21.1	-0.8
X52A	Dahlonaga	60.39	71	P	P	14 54 19.9	-2.2
O58A	Lewisberry	60.42	62	P	P	14 54 20.4	-1.8
J61A	Chester	60.45	57	P	P	14 54 21.6	-0.8
N59A	State Game Lan	60.48	60	P	P	14 54 21.8	-0.8
BLA	Blacksburg	60.54	66	P	P	14 54 23.1	0.0
BLA	Blacksburg	60.54	66	P	P	14 54 22.8	-0.3
BLA					pmax	pmax	
BLA	Blacksburg	60.54	66	P	I	14 54 22.9	-0.3
BLA					Iamb	Iamb	
U55A	TA2, Sparta	60.69	67	P	P	14 54 22.8	-1.3
O59A	Robesonia	60.69	61	P	P	14 54 22.9	-1.1
S56A	Natural Bridge	60.69	65	P	P	14 54 22.6	-1.5
L61A	Hillsdale 1, H	60.75	58	P	P	14 54 24.1	-0.3
M60A	Port Jervis	60.80	59	P	P	14 54 24.0	-0.8
R57A	Standardsville	60.83	64	P	P	14 54 24.0	-1.0
O58A	Fox Den Farm, baz=315	60.84	63	P	P	14 54 24.1	-1.0
N60A	Cedar Hill Far	60.88	60	P	P	14 54 24.2	-1.0
Z52A	Williamson	61.09	72	P	P	14 54 25.5	-1.4
K62A	Royalston	61.10	57	P	P	14 54 26.7	0.0
GTA	Gaotai	61.10	298	eP	P	14 54 27.3	+0.3
GTA				pP	pP	14 54 32.0	-2.0
GTA				sP	sP	14 54 34.5	-2.1
GTA				S	S	15 02 44.8	+0.4
GTA				sS	sS	15 02 54.0	+1.0
GTA				SS	SS	15 06 48.5	+4.8
GTA					pmax	pmax	
GTA	comp=Z,15nm,1.4s				pmax	pmax	
GTA	comp=Z,120nm,7.8s				LR	LR	
GTA	comp=Z,440nm,18.1s				LR	LR	
GTA	comp=Z,740nm,17.8s				LR	LR	
O60A	Telford	61.10	61	P	P	14 54 25.8	-1.0
LZH	Lanzhou	61.22	293	iP	P	14 54 29.5	+1.6
LZH				pP	pP	14 54 35.8	+0.9
LZH				pP	pmax		
LZH	comp=Z,36nm,1.3s				pmax	pmax	
LZH	comp=Z,160nm,6.5s				LR	LR	
LZH	comp=Z,850nm,14.5s				LR	LR	
LZH	comp=Z,660nm,15.3s				LR	LR	
LZH	comp=Z,890nm,17.4s				LR	LR	
K63A	Dunstable	61.45	56	P	P	14 54 28.0	-1.1
V56A	Mocksville	61.49	68	P	P	14 54 27.3	-2.2
Z53A	Monticello	61.52	72	P	P	14 54 27.6	-2.1
HRV	Adam Dzewonsk	61.56	57	P	P	14 54 26.5	-3.4
S58A	Poland Farm, P	61.58	65	P	P	14 54 30.2	+0.1
S58A					Iamb	Iamb	
Y54A	Tignall	61.62	71	P	P	14 54 28.5	-1.9
W56A	Indian Trail	61.92	68	P	P	14 54 31.5	-0.9
Z54A	Sparta	61.98	71	P	P	14 54 31.5	-1.3
Y55A	Saluda	62.05	70	P	P	14 54 31.5	-1.7
ENH	Enshi	62.08	284	P	P	14 54 33.2	-0.4
TMCR	Tamitsa	62.19	347	eP	P	14 54 33.7	0.0
TMCR					pmax	pmax	
T59A	Double "B" Far	62.32	65	P	P	14 54 34.2	-0.8
T59A					Iamb	Iamb	
M64A	Tiverton	62.43	57	P	P	14 54 33.9	-1.8
KURK	Kurchatov	62.92	319	P	P	14 54 39.4	+0.5
KURK					P	14 54 39.4	+0.5
KURK	Kurchatov	62.92	319	eP	P	14 54 39.2	+0.4
KURK					pmax	pmax	
KURK	Kurchatov	62.92	319	P	P	14 54 37.7	-1.1
KURK					Iamb	Iamb	
PRGR	Permogore	63.36	343	eP	P	14 54 39.8	-1.7
PRGR					pmax	pmax	
WMQ	Urumqi	64.12	309	eP	P	14 54 48.0	+1.0
WMQ					pP	14 54 50.8	-3.2
WMQ					pmax	pmax	
WMQ	comp=Z,22nm,1.7s				pmax	pmax	
WMQ	comp=Z,68nm,3.7s				pmax	pmax	

WMQ	comp=Z,670nm,21.5s				LR	LR	
WMQ	comp=Z,140nm,23.9s				LR	LR	
WMQ	comp=Z,420nm,21.7s				LR	LR	
SVE	Sverdlovsk	64.14	333	eP	P	14 54 47.1	+0.3
SVE					pmax	pmax	
BRVK	Borovoye	64.22	325	P	P	14 54 47.5	+0.1
BRVK					P	14 54 47.5	+0.1
BRVK	Borovoye	64.22	325	eP	P	14 54 48.1	+0.7
BRVK					pmax	pmax	
BRVK	Borovoye	64.22	325	P	P	14 54 47.9	+0.4
MK31	Makanchi Array	64.38	314	P	P	14 54 47.7	-0.9
MK31					pmax	pmax	
MK31	Makanchi Array	64.38	314	P	P	14 54 47.7	-0.9
MK31					Iamb	Iamb	
MKAR	Makanchi Array	64.38	314	P	P	14 54 48.2	-0.4
MKAR					LR	LR	
MKAR	Makanchi Array	64.38	314	P	P	14 54 47.9	-0.7
MKAR					pmax	pmax	
MKAR	Makanchi Array	64.38	314	P	P	14 54 47.7	-0.8
MAK2	Makanchi	64.50	314	P	P	14 54 48.1	-1.3
MAK2					pmax	pmax	
MAK2	Makanchi	64.50	314	P	P	14 54 48.5	-0.9
MAK2					Iamb	Iamb	
CD2	Chengdu	65.00	289	P	S	14 54 51.5	-1.4
CD2					S	15 03 35.8	+2.5
CD2					sS	15 03 44.0	-0.8
CD2					SS	15 07 44.5	-0.3
CD2	comp=Z,40nm,0.9s				pmax	pmax	
CD2	comp=Z,140nm,7.8s				LR	LR	
CD2	comp=Z,420nm,18.5s				LR	LR	
CD2	comp=Z,560nm,17.1s				LR	LR	
CD2	comp=Z,620nm,19.6s				LR	LR	
ARU	Arti	65.07	333	iP	S	14 54 53.3	+0.4
ARU					S	15 03 34.9	+1.7
ARU					pmax	pmax	
ARU	Arti	65.07	333	P	P	14 54 52.3	-0.5
FIAT	FINES Array S	66.15	352	P	P	14 54 58.7	-1.1
FINES	FINES Array B	66.15	352	P	P	14 54 59.1	-0.7
FINES					LR	LR	
FINES	comp=Z,269nm,19.1s, baz=43, slow=38				P	14 54 58.8	-0.9
NC20	NORSAR Array B	66.15	352	P	P	14 55 04.8	+0.1
NC405	NORSAR Array S	67.07	360	P	P	14 55 05.5	-0.2
NB201	NORSAR Array S	67.13	0	P	P	14 55 05.5	-0.5
NB2	NORSAR Subarra	67.14	0	P	P	14 55 06.2	0.0
NOA	NORSAR Array B	67.14	0	P	P	14 55 06.4	+0.2
NOA					LR	LR	
NOA	comp=Z,159nm,18.2s, baz=355, slow=38				LR	LR	
OTUK	Ortayu	67.38	321	P	P	14 55 07.6	-0.3
OTUK					pmax	pmax	
VSU	Vasula	69.04	352	eP	P	14 55 19.1	+1.1
VSU					pmax	pmax	
VSU	Vasula	69.04	352	eP	Iamb	14 55 18.2	+0.2
VSU					Iamb	14 55 19.6	
PRZ	Przheval'sk	69.47	313	P	P	14 55 21.5	+0.2
PRZ					pmax	pmax	
PRZ	Przheval'sk	69.47	313	P	P	14 55 21.5	+0.2
KMI	Kunming	69.90	285	P	P	14 55 25.5	+1.3
KMI					sP	14 55 33.3	-0.5
KMI					S	15 04 35.8	+3.3
KMI					sS	15 04 48.8	+2.5
KMI					SKS	15 05 22.5	-1.1
KMI					SS	15 09 00.0	-1.1
KMI	comp=Z,17nm,1.3s				pmax	pmax	
KMI	comp=Z,120nm,3.1s				pmax	pmax	
KMI	comp=Z,230nm,20.2s				LR	LR	
KMI	comp=Z,270nm,18.7s				LR	LR	
KDJ	Kajisay	70.30	314	P	P	14 55 26.7	+0.4
KDJ					pmax	pmax	
KDJ	Kajisay	70.30	314	P	P	14 55 26.7	+0.4
KDJ					Iamb	Iamb	
MOS	Moscow	70.32	345	eP	P		

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KWP Kalwaria Pacla, PRU Pruhonice, GPC GO Pecny, Ondr, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GYA0B ALIBECK ARRAY, MYKA Terra Mystica, SOC Sochi, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like TORD Torodi Ar. Bea, TSUM Tsumbe, LBTT Lobate, etc.

ISK 29 14:54:37.9,39°64N-28°88E, h4km, ML2 2/24
DDA 29 14:54:38.2,39°62N-28°87E, h7km,2km,ML3.0
ISC 29 14:58:34.1,1.39,62N:0.02-28.84E:0.02,h8km,10km,
n41,0:5952,7,Turkey

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DURS Dursunbey, ORLT Orhaneli, TAVS Tavsanli, etc.

BUC 29 14:55:52.1±0.5,45°31N:28°18E, h5km,14km, ml1.3/5,
12C-10D, EOR ellipse: s-maj=4.0km s-min=2.4km
az=29.0, Ukraine-Moldova-Southwestern Russia region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, etc.

IDC 29 15:11:57.9,0.6,36°69N:144°17E, h0km, mb4.0/14,
mb1 4.2/21, mb1mx4.1/41, mbtmp4.0/21, ML3.4/7, MS3.3/3,
Ms1 3.3/3, ms1mx2.8/52, Error ellipse: s-maj=17.1km
s-min=14.0km az=106.0

NIED 29 15:12:00,36°90N:143°90E, h5km, Mw4.1 Best double
couple: M:1.68000x10^15 NP2:0.300000°,δ21.00000°,
λ-87.00000°. NP2:0.208.00000°,δ69.00000°,
λ-91.00000°

ISCJB 29 15:12:01,2.0,4.0,36°84N:0.03:143°91E:0.04, h33km,
mb4.0/14, EOR ellipse: s-maj=4.6km s-min=4.1km
az=160.4

JMA 29 15:12:02,4.0,2.0,36°89N:143°87E, h5km, ML3
ISC 29 15:12:03,4.0,2.0,36°87N:105°143E:0.06, h35km, m69,
c=2/10/80, mb4.2/15, Off east coast of Honshu

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKH Ishinomakikobu, JKH Kawauchi, JKH Kawauchi, etc.

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like MAJO Matushiro, MORW Morawa, and NWA0 Narrogin.

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like ERM Erimo, TEY Ternei, and ARMA Armadale.

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like SKR Severo-Kuril's, BOD Bodaibo, and MA20 Magadan.

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29d 16h

Table with columns: Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like UNV, AKUT, ARU, etc.

Table with columns: Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like KMBO, BR131, BR131, etc.

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Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Z50A, Y2A, PLCA, etc.

29d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like USRK, TUVZ, KLR, etc.

BUJ 29 17:50:10.9,0.0,25.61N,118.79E,h10km,mb4.2/24,mb4.3/20,ML4.9/13,MS4.4/22,MS7.4/117
TAP 29 17:50:11.3,25.65N,118.78E,h18km,ML5.0,D
IDC 29 17:50:11.5,0.9,25.68N,118.61E,h0km,mb3.9/8,mb1.3/4/1,mb1mx3.6/49,mbtp3.8/11,ML3.5/3,MS3.4/11,Ms1.3/4/1,ms1mx3.0/58,Error ellipse: s-maj=25.4km s-min=17.8km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MHZQ, PTMZ, QZH, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like NCU, WSF, WLTB, etc.

1488

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like ENLB, EGFH, EGFG, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CBJU, Chichi jima, Chichijima, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like QIZ, Tagaytay City, Tagaytay City, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CMAR, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with multiple columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like Banja Luka, Pah Rah Range, and Annineta.

Ouz	comp=Z,45nm,1.0s	I Amb	I Amb	20 29 42.4	
PBRG	Braganca	87.22 330	eP	P	20 29 37.8 -0.3
E53A	comp=Z,28nm,1.5s Dumort Pont	87.23 19	P	P	20 29 37.8 -0.2
H48A	Harrisville	87.26 24	P	P	20 29 38.7 +0.5
H48A	Harrisville	87.26 24	P	P	20 29 38.0 -0.2
D56A	ZEC Mazanza, M	87.27 17	P	P	20 29 38.5 +0.3
E54A	Lac Daplat, Po	87.30 19	P	P	20 29 38.2 -0.1
TOBO	Tobermory, Bru	87.30 22	P	P	20 29 38.4 +0.1
F52A	Sundridge	87.36 21	P	P	20 29 38.7 +0.1
LATQ	La Tuque	87.37 16	P	P	20 29 38.7 +0.1
LATQ	La Tuque	87.37 16	P	P	20 29 38.4 -0.2
121A	Cookes Peak, D	87.41 46	P	P	20 29 41.4 +2.1
121A	Cookes Peak, D	87.41 46	P	P	20 29 40.8 +1.4
121A	comp=Z,48nm,2.0s		I Amb	I Amb	20 29 42.5
KSU1	Kansas State U	87.42 35	pP	pP	20 31 39.9 +0.6
K43A	Burlington	87.46 28	P	P	20 29 39.7 +0.5
K43A	Burlington	87.46 28	P	P	20 29 39.3 +0.2
K43A	comp=Z,49nm,0.9s		I Amb	I Amb	20 29 40.6
K43A	Douglas	87.50 48	pP	pP	20 31 38.1 -1.0
147A	Gladwin	87.53 25	P	P	20 29 41.1 +1.3
147A	Gladwin	87.53 25	P	P	20 29 39.2 -0.2
KLBO	comp=Z,30nm,0.9s Killbear Provi	87.53 21	P	P	20 29 39.4 0.0
ALGO	Algonquin Park	87.54 20	P	P	20 29 39.4 -0.1
E55A	Montfer-Lytto	87.54 18	P	P	20 29 39.4 0.0
DRLN	Deer Lake	87.61 6	P	P	20 29 39.9 +0.2
H48A	Sherman Twp	87.62 24	P	P	20 29 40.6 +0.7
D58A	Chemin du LacG	87.62 16	P	P	20 29 39.8 0.0
BUKO	Buck Lake	87.67 21	P	P	20 29 40.1 0.0
E56A	St. Veronique	87.69 18	P	P	20 29 40.5 +0.4
BMRO	Merville Lake	87.96 22	P	P	20 29 41.9 +0.5
POLO	Lamas de Olo	87.98 330	eP	P	20 29 41.1 -0.6
ESBB	Sonsec Array	87.99 327	P	P	20 29 41.4 -0.3
ESDC	Sonsec Array	87.99 327	P	P	20 29 41.5 -0.2
ESDC	comp=Z,4.8nm,0.6s,baz=20,slow=4.5,SNR=30		pP	pP	20 31 40.7 -1.3
ESDC	comp=Z,1.4nm,0.7s,baz=28,slow=4.2,SNR=3.8		PP	PP	20 33 18.3 +0.9
ESDC	comp=Z,0.9nm,0.7s,baz=46,slow=9.0,SNR=4.3		PP	PP	20 47 23.4 +0.7
ESDC	comp=Z,0.5nm,0.7s,baz=224,slow=1.8,SNR=5.4		PP	PP	20 29 40.9 -0.9
PEMO	Pembroke	87.99 19	P	P	20 29 41.5 -0.1
D61A	St. Aubert, Com	88.03 14	P	P	20 29 41.8 +0.1
PVRL	Vila Real	88.04 330	eP	P	20 29 42.0 +0.1
G54A	Lake Saint Pet	88.05 20	P	P	20 29 41.8 0.0
L44A	Lake County Fo	88.07 28	P	P	20 29 42.7 +0.7
H49A	Point Hope	88.10 24	P	P	20 29 42.9 +0.8
H49A	Point Hope	88.10 24	P	P	20 29 42.6 +0.5
J47A	Summer	88.14 25	P	P	20 29 43.3 +1.1
J47A	Summer	88.14 25	P	P	20 29 43.0 +0.7
G53A	Halibon	88.17 20	P	P	20 29 42.3 -0.1
D60A	Saint Jean D'O	88.18 15	P	P	20 29 42.4 0.0
BRCO	Bruce Peninsula	88.22 23	P	P	20 29 43.0 +0.4
E58A	La Victoria	88.23 17	P	P	20 29 42.8 +0.1
PAB	San Pablo	88.25 327	P	P	20 29 42.5 -0.5
PAB	San Pablo	88.25 327	P	P	20 29 42.5 -0.5
PAB	comp=Z,64nm,2.0s		I Amb	I Amb	20 32 33.1
N41A	Harden Midland	88.32 30	P	P	20 29 43.8 +0.6
N41A	Harden Midland	88.32 30	P	P	20 29 43.6 +0.4
CLWO	Collingwood	88.35 22	P	P	20 29 43.7 +0.4
D62A	Allapoint, All	88.35 14	P	P	20 29 43.5 +0.3
D62A	Allapoint, All	88.35 14	P	P	20 29 43.3 +0.1
D62A	Allapoint, All	88.35 14	P	P	20 29 44.3 -0.2
SADO	Sadowa	88.36 21	P	P	20 29 43.1 -0.2
SADO	Sadowa	88.36 21	P	P	20 29 43.5
BASO	Ashfield	88.37 23	P	P	20 29 44.2 +0.8
HSIG	Harden Midland	88.38 51	P	P	20 29 44.8 +1.1
J48A	Bridge Port	88.40 25	P	P	20 29 44.1 +0.6
J48A	Bridge Port	88.40 25	P	P	20 29 44.4 +0.9
BANO	Bancroft	88.44 20	P	P	20 29 43.8 +0.1
G55A	Calabogie	88.52 19	P	P	20 29 43.9 -0.1
J49A	Marlette	88.54 24	P	P	20 29 44.8 +0.6
D63A	Stockholm	88.55 13	P	P	20 29 44.7 +0.5
ALFO	Alfred	88.59 18	P	P	20 29 44.5 +0.2
K47A	Vermontville	88.59 26	P	P	20 29 44.9 +0.5
E60A	Ste Agathe de	88.60 15	P	P	20 29 44.3 0.0
ORIO	Orleans, Innes	88.62 18	P	P	20 29 44.4 0.0
ORIO	Orleans, Innes	88.62 18	P	P	20 29 44.1 -0.3
AMTX	Amarillo	88.62 41	P	P	20 29 46.1 +1.2
AMTX	Amarillo	88.62 41	P	P	20 29 45.8 +1.0
AMTX	Amarillo	88.62 41	P	P	20 29 47.3
PLVO	Plevna	88.63 20	P	P	20 29 44.7 +0.2
PLVO	Plevna	88.63 20	P	P	20 29 44.4 -0.1
PLVO	Plevna	88.63 20	P	P	20 29 45.6
BATG	Bathurst New B	88.64 12	P	P	20 29 44.9 +0.3
BATG	Bathurst New B	88.64 12	P	P	20 29 46.3
H53A	Bobcaygeon	88.69 21	P	P	20 29 44.9 0.0
E62A	Clayton Lake	88.72 14	P	P	20 29 45.2 +0.3
E62A	Clayton Lake	88.72 14	P	P	20 29 44.9 -0.1
E61A	Lac Etchemin	88.72 15	P	P	20 29 45.2 +0.2
M44A	Midewin, Midew	88.73 28	P	P	20 29 45.6 +0.5
M44A	Midewin, Midew	88.73 28	P	P	20 29 45.2 +0.2
IS2A	Shelburne	88.74 22	P	P	20 29 45.5 +0.4
IS1A	Shelburne	88.75 23	P	P	20 29 45.6 +0.4
K48A	Perry	88.75 25	P	P	20 29 46.2 +1.0
L64A	Eue Claire	88.76 27	P	P	20 29 45.9 +0.7
M56A	Muleshoe	88.83 42	P	P	20 29 46.6 +0.8
MSTX	Muleshoe	88.83 42	P	P	20 29 46.3 +0.4
F59A	Saint Guillaume	88.83 16	P	P	20 29 45.6 +0.2

F60A	Warwick	88.89 16	P	P	20 29 45.8 +0.1
POI	Presque Isle	88.92 13	P	I Amb	20 29 45.7 -0.2
POI	Presque Isle	88.92 13	P	I Amb	20 29 47.0 -0.2
K49A	Clarkson	88.97 25	P	P	20 29 46.9 +0.7
DELO	Deloro Mine	88.99 20	P	P	20 29 46.3 +0.1
DELO	Deloro Mine	88.99 20	P	P	20 29 45.6 -0.6
DELO	Deloro Mine	88.99 20	P	I Amb	20 29 47.3
HDIL	Hopedale	89.02 30	P	P	20 29 47.0 +0.6
HDIL	Hopedale	89.02 30	P	P	20 29 46.6 +0.1
G57A	Newington	89.06 18	P	P	20 29 46.7 +0.1
H55A	Twined	89.07 20	P	P	20 29 46.8 +0.2
F61A	St Evariste	89.07 15	P	P	20 29 47.3 +0.7
E63A	Oxbow	89.10 13	P	P	20 29 46.9 +0.2
E63A	Oxbow	89.10 13	P	P	20 29 46.5 -0.2
ACTO	Action	89.19 22	P	P	20 29 47.4 +0.2
E64A	Bridgewater	89.20 13	P	P	20 29 47.5 +0.4
PCBR	Castelo Branco	89.20 329	eP	P	20 29 47.1 -0.2
G58A	Ormstown	89.23 17	P	P	20 29 47.6 +0.3
H56A	Elgin	89.25 19	P	P	20 29 47.4 0.0
I55A	Frankford	89.25 20	P	P	20 29 47.4 -0.1
MNTX	Cornudas Mount	89.32 45	P	P	20 29 49.7 +1.7
MNTX	Cornudas Mount	89.32 45	P	P	20 29 49.4 +1.4
MNTX	Cornudas Mount	89.32 45	P	pP	20 31 48.9 +0.3
F62A	Pittsford Farm	89.33 14	P	P	20 29 48.4 +0.5
F62A	Pittsford Farm	89.33 14	P	I Amb	20 29 48.3 +0.5
F62A	Pittsford Farm	89.33 14	P	I Amb	20 29 49.3
L48A	N Adams	89.43 26	P	P	20 29 49.3 +0.9
GD1L	Guadalupe Moun	89.45 44	P	P	20 29 49.8 +1.0
G59A	Clarenceville	89.48 17	P	P	20 29 49.0 +0.6
L49A	Milan	89.49 25	P	P	20 29 49.7 +1.1
M47A	Cromwell	89.57 27	P	P	20 29 49.7 +0.7
H57A	Richville	89.58 19	P	P	20 29 49.1 +0.1
K51A	Iona Station	89.60 23	P	P	20 29 49.5 +0.4
LONY	Lake Ozonia	89.61 18	P	P	20 29 49.4 +0.3
G61A	St-Isidore-de-	89.63 16	P	P	20 29 50.0 +0.8
FRNY	Flat Rock	89.63 17	P	P	20 29 48.9 -0.3
FRNY	Flat Rock	89.63 17	P	I Amb	20 31 50.4
CLNB	Carisbad	89.64 44	P	P	20 29 50.9 +1.3
F64A	Sherman	89.65 13	P	P	20 29 49.7 +0.4
F64A	Sherman	89.65 13	P	I Amb	20 29 49.4 +0.1
F64A	Sherman	89.65 13	P	I Amb	20 29 50.5
O44A	Mansfield	89.67 29	P	P	20 29 49.8 +0.3
O44A	Mansfield	89.67 29	P	P	20 29 49.8 +0.3
F63A	Nahmakanta, Br	89.68 14	P	P	20 29 49.8 +0.4
F63A	Nahmakanta, Br	89.68 14	P	I Amb	20 29 49.6 +0.2
F63A	Nahmakanta, Br	89.68 14	P	I Amb	20 29 50.9
PECO	Prince Edward	89.69 20	P	P	20 29 49.5 0.0
PECO	Prince Edward	89.69 20	P	I Amb	20 29 49.4 0.0
PECO	Prince Edward	89.69 20	P	I Amb	20 29 50.4 +0.6
P43A	Skaggs, Pawnee	89.74 30	P	P	20 29 50.4 +0.6
P43A	Skaggs, Pawnee	89.74 30	P	P	20 29 50.4 +0.6
M48A	Edenton	89.75 26	P	P	20 29 50.8 +1.0
H59A	Cadyville	89.79 17	P	P	20 29 50.2 +0.2
L50A	Kingsville	89.84 24	P	P	20 29 50.8 +0.6
G62A	West of Eustis	89.88 15	P	P	20 29 50.8 +0.4
G62A	West of Eustis	89.88 15	P	I Amb	20 29 51.0 +0.6
G62A	West of Eustis	89.88 15	P	I Amb	20 29 52.0
J54A	Appleton	89.89 21	P	P	20 29 50.5 +0.1
J54A	Appleton	89.89 21	P	I Amb	20 29 50.6 +0.2
J54A	Appleton	89.89 21	P	I Amb	20 29 51.1
H58A	Gabriels	89.90 18	P	P	20 29 50.8 +0.3
SFIN	Lafayette	89.95 28	P	P	20 29 51.5 +0.8
SFIN	Lafayette	89.95 28	P	I Amb	20 29 51.2 +0.4
SFIN	Lafayette	89.95 28	P	I Amb	20 29 52.6
N47A	Urbana	89.98 27	P	P	20 29 51.4 +0.5
N47A	Urbana	89.98 27	P	I Amb	20 29 50.9 0.0
N47A	Urbana	89.98 27	P	I Amb	20 29 52.3
M49A	Liberty Center	90.00 26	P	P	20 29 51.5 +0.5
I57A	Carthage	90.01 19	P	P	20 29 51.1 +0.1
MEDO	Medina	90.04 21	P	P	20 29 51.3 +0.2
PKME	Peaks-Kenny Pk	90.07 14	P	P	20 29 51.6 +0.4
PKME	Peaks-Kenny Pk	90.07 14	P	I Amb	20 29 51.3 +0.1
PKME	Peaks-Kenny Pk	90.07 14	P	I Amb	20 29 52.7
H60A	Morristown	90.08 17	P	P	20 29 51.8 +0.4
WMOK	Wichita Mounta	90.10 39	P	P	20 29 53.0 +1.4
WMOK	Wichita Mounta	90.10 39	P	P	20 29 52.6 +1.0
WMOK	Wichita Mounta	90.10 39	P	pmax	20 29 52.6 +1.0

29d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like N53A Lisbon, B54A Binghamton, etc.

2013 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like X40A Basin Creek Fa, X40A Granite Spring, etc.

1500

Table with columns for station name, frequency, power, and other technical details. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, etc.

ISC 29.20:31.34.4z.2.0.3.14N:129.01E,h0km,mb3.7/5, mb1.3.9/5,mb1mx3.5/49,mbtmp3.7/5, Error ellipse: s-maj=98.3km s-min=26.3km az=70.0

ISC/JB 29.20:32.0z.1.2.2.5N:0.1E,128.33E:0.08,h250km, mb3.5/4, Error ellipse: s-maj=17.8km s-min=11.2km az=3.5

NEIC 29.20:32.0z.0.7.2.5N:0.2E,128.34E:0.07,h234km,15km, mb4.3/7

ISC 29.20:32.0z.0.1.4.2.5N:0.1E,128.33E:0.1,h250km,n16, e1505/17,mb3.8/6,Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TNTI Ternate, LUWI Luwuk, etc.

BUI 29.20:35.5z.0.0.1.4.30N:54.14E,h10km,mb4.5/23, mb5.0/18,Ms4.6/5,Ms7.4/3/2

ISC 29.20:35.7z.0.0.5.1.4.68N:54.79E,h0km,mb4.3/29, mb1.4.4/31,mb1mx3.4/48,mbtmp4.3/31,ML3.4/2,MS3.6/23, Ms1.3.6/23,ms1mx3.5/40, Error ellipse: s-maj=12.4km s-min=11.1km az=110.0

NEIC 29.20:35.5z.4.1.8.14.71N:0.0E,54.77E:0.09,h10km,1km, mb4.5/69

MOS 29.20:36.0z.0.1.3.1.0.14.68N:54.70E,h33km,mb4.9/14, Error ellipse: s-maj=8.0km s-min=4.9km az=102.9

DSN 29.20:36.0z.2.1.2.1.4.94N:54.43E,h15km,mb4.5/3,ML4.5/1, Error ellipse: s-maj=23.3km s-min=11.1km az=121.0

OMAN 29.20:36.0z.8.2.1.15.04N:54.61E,h37km,ml4/0E, Mw4.7/5, Error ellipse: s-maj=21.9km s-min=8.7km az=31.0

ISC 29.20:36.0z.5.1.3.1.4.84N:0.05E,54.68E:0.05,h27km,9km, n294,e145/304,mb4.5/101,MS3.6/25,22C-18D,Owen Fracture Zone region

Table with columns for station name, frequency, and signal strength. Includes stations like PTBS, TWQ1, TWQ2, ESL, etc.

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

Table with columns for station name, frequency, and signal strength. Includes stations like SHL, SHL, ZAK, ZAK, TLY, TLY, etc.

LUJ 29 22:55:35.8, 46:39N, 15:07E, h0km Rockburst
VIE 29 22:55:36.0, 46:41N, 15:10E, h0km, mb0.3/1, m10.7/2,
Error ellipse: s-maj=7.9km s-min=4.7km az=40,
Suspected mining induced, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like PLOIESTI, Istrita, Muntele Rosu, Bucharest, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like ISTR, ISTRITA, Muntele Rosu, Bucharest, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like TIRR, TIRGUSOR, BICAZ, BAILESTI, etc.

ISCJB 29 22:56:13.70.0.4, 32.84N, 01:02:35.61E, 0.04, h8km, 3km, Error ellipse: s-maj=5.1km s-min=3.1km az=17.5

GII 29 22:56:13.60.0.0, 32.86N, 35.57E, h5km, M2/1/12

JSO 29 22:56:16.90.0.5, 33.1N, 33.36E, h0km, M2.3/7, Mjma2.3/7, ML1.7/4, MLV2.5/7

ISC 29 22:56:14.00.0.9, 32.85N, 02:35.60E, 0.03, h11km, 8km, n32, c097346, Dead Sea region

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like SHMJ, KSHT, MMAOB, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like RASA, RASA, RASA, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like KIDZ, RZN, BARS, etc.

SOF 29 22:56:25.8, 45.27N, 26.04E, h14km

ISCJB 29 22:56:30.0.0.4, 44.91N, 01:25.81E, 0.02, h9km, 2km, Error ellipse: s-maj=2.1km s-min=1.9km az=22.3

BUC 29 22:56:32.30.2.44, 97N, 25.89E, h13km, 1km, ml3.2/50, Error ellipse: s-maj=1.6km s-min=1.4km az=28.0

BEO 29 22:56:34.0.0.8, 45.08N, 25.35E, h0km, ML2.9/5

DDA 29 22:56:32.4, 44.97N, 25.89E, h11km, ML3.2

ISC 29 22:56:30.0.0.4, 44.96N, 01:25.82E, 0.01, h10km, 6km, n195, c097285, 87Z-107D, Romania

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like PLOIESTI, PLOIESTI, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like TARR, TARR, etc.

Table with columns: Code, Station Name, Δ, A, Z, P, Phase ID, Time, Res, ISC. Includes stations like RKY, RKY, etc.

1505

SAHE	Sakarya_HENDEK	5.52 136	i P	Pn	22 57 52.5	-0.6
SAHE	comp=Z,93nm,0.2s					
GEVY	SAKARYA_Geyve	5.55 142	i P	Pn	22 57 54.2	+0.7
GEVY	comp=Z,412nm,0.3s					
DURS	Dursunbey	5.70 159	i P	Pn	22 57 55.3	-0.5
DURS	comp=Z,230nm,0.4s					
YIGI	Dzce	5.74 132	i P	Pn	22 57 55.5	-0.7
YIGI	comp=Z,239nm,0.3s					
TIH	Tihany	5.86 292	e Pn	Pb	22 58 14.1	+1.0
VYHS	Lytne	5.96 309	e Pn	Pb	22 58 00.2	+1.0
VYHS	comp=Z,235nm,0.3s					
LANS	Liptovska Anna	6.04 316	e Pn	Pb	22 58 02.8	+2.6
BCAM	Yenicaga	6.18 130	i P	Pn	22 58 01.1	-1.1
BCAM	comp=Z,1.1um,0.3s					
KIBS	BOLU	6.35 133	i P	Pn	22 58 05.8	+1.2
KIBS	comp=Z,162nm,0.4s					
CMDR	Camlidere-ANKA	6.62 130	i P	Pn	22 58 08.8	+0.3
CMDR	comp=Z,235nm,0.3s					
USAK	Uak-Merkez	6.68 158	i P	Pn	22 58 09.3	+0.2
USAK	comp=Z,161nm,0.2s					

ISCJB 29 22:59:26.0,0.2,47:34N,0:02:10:74E,0:01,h9km,2km,
Error ellipse: s-maj=3.0km s-min=1.6km az=14.3
LDG 29 22:59:27.7,0.1,47:30N-10:84E,h15km,ML2,6/15,Error
ellipse: s-maj=1.8km s-min=1.4km az=51.0
VIE 29 22:59:27.5,0.2,47:29N-10:79E,h8km,3km,mb1.8/12,
ml2.8/13,Error ellipse: s-maj=1.0km s-min=0.9km
az=116.0,felt 4 ems98 at Imst / Tyrol
ROM 29 22:59:28.0,0.6,47:30N,0:02:10:82E,0:02,h11km,4km,
ML2,3/2,Error ellipse: s-maj=1.9km s-min=1.5km
az=189.0
BGR 29 22:59:28.5,0.3,47:30N,10:79E,h10km,ML2,6/16,Error
ellipse: s-maj=4.4km s-min=2.2km az=171.0
BGR Some people awake.
STR 29 22:59:28.3,0.9,47:17N,7:11E,h32km,5km,MLv2,8/7
ISC 29 22:59:27.3,0.8,47:30N,0:02:10:78E,0:01,h17km,5km,
n92,r132/150,Austria

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
RETA	Reutte	0.19 357	i P	Pg	Pg	22 59 31.6	-0.5
RETA	45nm,0.1s,SNR=467						
RETA	68nm,0.1s						
MOTA	Moosalm	0.23 78	i P	Pg	Pg	22 59 32.2	-0.6
MOTA	SNR=387						
MOTA	Fechten	0.28 187	i P	Pg	Pg	22 59 35.7	-0.7
MOTA	12nm,0.1s,SNR=89						
FETA	75nm,0.2s						
SQTA	Sankt Quirin	0.30 104	i P	Pb	Pb	22 59 33.7	-0.7
SQTA	SNR=582						
SQTA	240nm,0.2s						
WATA	Walderalm	0.55 86	e P	Pg	Pg	22 59 37.6	-0.7
WATA	SNR=13						
WATA	Roskopf	0.57 130	i P	Pb	Pb	22 59 46.3	+0.2
WATA	SNR=13						
ROSI	Roskopf	0.57 130	i P	Pb	Pb	22 59 38.6	-0.4
ROSI	SNR=13						
ROSI	comp=E,368um,0.9s						
ROSI	AML						
WTTA	Wattenberg	0.58 93	e P	Pb	Pb	22 59 38.5	-0.7
WTTA	comp=N,307um,0.4s						
WTTA	comp=N,15nm,0.1s,SNR=50						
WTTA	comp=N,26nm,0.1s						
WTTA	Wattenberg	0.58 93	e P	Pb	Pb	22 59 38.7	-0.5
WTTA	comp=N,26nm,0.1s						
WTTA	Wattenberg	0.58 93	i P	Pb	Pb	22 59 38.6	-0.7
WTTA	comp=N,188um,0.3s						
WTTA	comp=N,132um,1.2s						
WTTA	comp=N,188um,0.3s						
WTTA	comp=N,132um,1.2s						
UBR	Ueberruh	0.59 310	e P	Pb	Pb	22 59 39.9	+0.6
UBR	comp=N,132um,1.2s						
DAVA	Damuels	0.61 269	e P	Pg	Pg	22 59 49.4	+1.9
DAVA	comp=N,8.9nm,0.1s,SNR=41						
DAVA	comp=N,85nm,0.3s						
DAVA	Damuels	0.61 269	e P	Pg	Pg	22 59 39.4	-0.1
DAVA	comp=N,85nm,0.3s						
DAVA	Damuels	0.61 269	e P	Pg	Pg	22 59 48.8	+1.1
DAVA	comp=N,85nm,0.3s						
ABSI	Aberstuecki	0.68 147	i P	Pb	Pb	22 59 40.9	+0.1
ABSI	comp=N,351um,0.4s						
ABSI	comp=N,281um,0.4s						
ABSI	comp=N,282um,0.4s						
MOSI	Grossmontoni	0.70 193	i P	Pg	Pg	22 59 41.1	+0.1
MOSI	comp=N,232um,0.3s						
MOSI	comp=N,424um,0.3s						
DAVOX	Davos/Dischmat	0.80 230	i P	Pg	Pg	22 59 42.3	-0.7
DAVOX	comp=N,64um,0.3s						
DAVOX	comp=N,67um,1.6s						
DAVOX	comp=N,67um,1.6s						
DAVOX	comp=N,64um,0.3s						
BRES	Bressanone	0.89 132	i P	Pb	Pb	22 59 44.5	0.0
BRES	comp=N,64um,0.3s						
KOSI	Kohlern	0.93 154	i P	Pb	Pb	22 59 45.6	+0.5
KOSI	comp=N,96um,0.6s						
KOSI	comp=N,154um,0.4s						
FUR	Furstenfeldbru	0.93 21	e P	Pn	Pn	22 59 46.4	+0.7
FUR	comp=N,424um,0.3s						
RISI	Rein	0.95 111	i P	Pb	Pb	22 59 45.5	-0.1
RISI	comp=N,406um,0.3s						
RISI	comp=N,170um,1.4s						
PLONS	Plons/SG	0.98 256	e P	Pb	Pb	22 59 46.8	+0.8
PLONS	comp=N,205um,0.3s						
PLONS	comp=N,102um,0.4s						
PLONS	comp=N,102um,0.4s						
BERNI	Berninapass	1.02 211	i P	Pg	Pg	22 59 46.2	-1.0
BERNI	comp=N,67um,0.5s						
WILA	Wila	1.28 276	e P	Pg	Pg	22 59 52.7	+0.7
WILA	comp=N,4.1nm,0.2s,SNR=16						
TUE	Stuetta	1.28 230	i P	Pg	Pg	22 59 52.9	+0.8
TUE	comp=N,101um,0.3s						
TUE	comp=N,67um,0.5s						
ABTA	Abfattersbach	1.13 114	e P	Pg	Pg	22 59 51.9	-0.6
ABTA	comp=N,4.1nm,0.2s,SNR=16						
AGOR	Agordo	1.34 139	i P	Pg	Pg	22 59 53.1	-0.1
AGOR	comp=N,3.7nm,0.2s						
AGOR	comp=N,152um,1.1s						
CGRP	Cima Grappa	1.58 153	i P	Pg	Pg	22 59 51.9	-0.6
CGRP	comp=N,208um,0.3s						
CGRP	comp=N,147um,0.3s						
SLE	Schleitheim	1.62 288	e P	Pg	Pg	22 59 58.6	+0.1

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Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
SLE	Bannalp	1.66 256	e Sg	P	Pg	23 00 20.3	+0.8
BNALP	BNALP					22 59 59.1	-0.2
BNALP	comp=E,67um,1.3s						
BNALP	comp=N,85um,1.1s						
FUSIO	Fusio	1.68 241	i P	Pg	Pg	22 59 59.5	-0.1
FUSIO	comp=E,60um,0.3s						
FUSIO	comp=N,55um,1.3s						
STAL	STALGIAL	1.69 127	i P	Pg	Pg	23 00 00.3	-1.0
STAL	comp=N,208um,0.2s						
STAL	comp=N,195um,0.8s						
KBA	Koelnbreinsper	1.76 96	i P	Pg	Pg	23 00 00.3	-1.0
KBA	comp=E,7.5nm,0.2s						
KBA	comp=N,18nm,0.2s						
KBA	Koelnbreinsper	1.76 96	e Pn	Pb	Pb	23 00 00.5	-0.7
KBA	comp=N,18nm,0.2s						
STU	Stuttgart	1.82 325	e Sg	Pg	Pg	23 00 01.7	+2.4
SULZ	Cheisacher	1.83 278	e Sg	Pg	Pg	23 00 25.0	-0.1
BFO	Black Forest	1.95 303	e Pn	Pb	Pb	23 00 27.0	+0.9
BFO	comp=N,195um,0.8s						
BFO	comp=N,195um,0.8s						
BFO	comp=N,195um,0.8s						
ACOM	Acomizza, Ital	2.02 111	i P	Pg	Pg	23 00 30.8	+0.8
ACOM	comp=N,65um,0.4s						
ACOM	comp=N,74um,0.4s						
KIZ	Kirchzarten	2.04 290	i P	Pn	Pn	23 00 01.9	+0.9
KIZ	comp=N,74um,0.4s						
MYKA	Terra Mystica	2.07 108	e Pn	Pb	Pb	23 00 26.4	+0.3
MYKA	comp=N,7.2nm,0.3s,SNR=6.3						
MYKA	comp=N,7.2nm,0.3s,SNR=6.3						
MYKA	comp=N,7.2nm,0.3s,SNR=6.3						
BALST	Balsthal	2.10 272	e P	Pg	Pg	23 00 07.4	-0.2
BALST	comp=N,7.2nm,0.3s,SNR=6.3						
BALST	comp=N,7.2nm,0.3s,SNR=6.3						
BALST	comp=N,7.2nm,0.3s,SNR=6.3						
WET	Wetzlar	2.12 306	i P	Pg	Pg	23 00 06.0	+0.2
WET	comp=N,7.2nm,0.3s,SNR=6.3						
SABO	M.te Sabotino	2.35 123	i P	Pg	Pg	23 00 13.9	+0.2
SABO	comp=N,57um,1.6s						
SABO	comp=N,68um,0.7s						
GRF	Grafenberg Arr	2.42 7	e P	Pg	Pg	23 00 44.8	-0.1
GRF	comp=N,68um,0.7s						
MOA	Molln	2.42 76	e Pn	Pb	Pb	23 00 10.3	-0.2
MOA	comp=N,0.1nm,0.1s						
MOA	comp=N,1.6nm,0.2s,SNR=6.6						
MOA	comp=N,3.5nm,0.1s						
WLS	Weilschbruch	2.56 297	i P	Pn	Pn	23 00 09.6	+1.4
WLS	comp=N,3.5nm,0.1s						
WLS	comp=N,3.5nm,0.1s						
WLS	comp=N,3.5nm,0.1s						
CDF	Champ du Feu	2.61 297	e Pn	Pb	Pb	23 00 08.3	-0.5
CDF	comp=N,3.7nm,0.2s						
CDF	comp=N,3.7nm,0.2s						
CDF	comp=N,3.7nm,0.2s						
ECH	Echery	2.61 292	i P	Pn	Pn	23 00 10.3	+1.6
ECH	comp=N,8.2nm,0.2s						
ECH	comp=N,8.2nm,0.2s						
OBKA	Obir	2.70 106	i P	Pg	Pg	23 00 17.0	-0.4
OBKA	comp=N,0.9nm,0.3s						
OBKA	comp=N,0.9nm,0.3s						
OBKA	comp=N,0.9nm,0.3s						
HINF	Hinterfeld	2.71 283	e Pn	Pb	P		

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pn, S, etc.), Time, and Residual. Includes stations like NSTT Nanjiang, WHP Taichung City, WYDVT WYDVT, etc.

ISK 30 02:20:58.5, 38.65N; 43.27E, h17km, ML2.3/10
DDA 30 02:20:59.7, 38.75N; 43.24E, h17km, ML2.5
ISCJB 30 02:21:00.0, 0.4, 38.72N; 03.43; 23E; 0.03, h17km, gkm,
Error ellipse: s-maj=4.6km s-min=1.1km az=156.1

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position, Time, Residual. Includes stations like TVAN Van, VMUR Van-Muradiye, ADCV BITLIS-Adilcev, etc.

MAN 30 02:27:36.4, 15.73N; 121.73E, h12km, mb3.8, ML2.5,
MS2.0, Luzon

SJA 30 02:29:05.4, 1.1, 35.39S; 73.58W, h7km, 16km, ML5.3,
MW5.2
NEIC 30 02:29:09.2, 1.9, 35.38S; 0.05; 73.27W; 0.07, h18km, 2km,
Moment Tensor Solution. Moment tensor: Scale 10^17Nm;
M=2.88; M=0.58; M=0.346; M=0.45; M=0.122; M=0.483;
Fault plane solution: Ms=9.400x10^17 NP1:
0.186, 190000, 673.050000, 1.82, 760000. NP2:
0.295, 275000, 0.18, 112.470000. Principal axes: T 5.4927,
Plg1 61.0000, Azm85.0000; N 0.8144, Plg7.0000,
Azm188.0000; P -6.3071, Plg28.0000, Azm282.0000;
ISCJB 30 02:29:09.5, 1.1, 35.35S; 0.02; 73.04W; 0.03, h17km, 6km,
mb5.2/52, MS5.8/23 Error ellipse: s-maj=4.2km

s-min=3.4km az=173.0
IDC 30 02:29:10.0, 0.4, 35.41S; 72.96W, h0km, mb4.9/20,
mb1.4/9.24, mb1mx4.9/28, mbtm4.8/24, ML4.5/4, MS5.7/11,
M1.5/7.11, ms1mx5.4/30, Error ellipse: s-maj=17.8km
s-min=10.3km az=83.0
VAO 30 02:29:11.7, 0.3, 35.36S; 73.05W, h10km, mb5.4
GUC 30 02:29:12.3, 0.6, 35.44S; 73.19W, h39km, 3km, ML5.8
MOS 30 02:29:13.5, 2.1, 35.21S; 72.94W, h31km, mb5.6/27,
MS5.7/12, Error ellipse: s-maj=12.5km s-min=7.1km
az=83.7
BUJ 30 02:29:14.0, 0.0, 35.40S; 73.00W, h15km, mb5.7/28,
MS6.9/40, MS7.6/140
GCMT 30 02:29:19.0, 0.1, 35.46S; 0.01; 73.36W; 0.01, h13km,
MW5.9/137, Moment Tensor Solution. s126 c246;
s137 c377; Duration: 2s2 Moment tensor: Scale 10^18
Nm; M=0.47±0.1; M=0.03±0.1; M=0.49±0.1;
M=0.18±0.1; M=0.15±0.0; M=0.70±0.03; Best double
couple: M=0.87800x10^18 NP1: 194.00000, 872.00000,
190.00000. NP2: 15.00000, 818.00000, 191.00000.
Principal axes: T 0.8450, Plg63.0000; Azm104.0000; N
0.0650, Plg0.0000; Azm194.0000; P -0.9100,
Plg27.0000. Azm285.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/manile waves,
cutoff=50s. Triangular moment-rate function
ISC 30 02:28:11.5, 0.5, 35.43S; 0.03; 73.15W; 0.04, h13km, 2km,
h13km; P-P, NP1: 194.0000, 872.0000, 191.0000,
38C-26D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Residual. Includes stations like COCH Cobquecura, COCH Cobquecura, GO05 Huala, GO05 Huala, GO05 Huala, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, Position, Time, Residual. Includes stations like EFI East Falkland, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

30d 2h

NBMA	Muriti-CE	42.10	57	eP	P	02 37 03.5	-0.1
NBAN	Anadia - AL	42.23	62	eP	P	02 37 04.1	-0.5
BRRC	Barranca, Sant	42.31	359	eP	P	02 37 06.4	+1.3
BRRC	Barranca, Sant	42.31	359	eP	P	02 37 06.4	+1.3
DBBC	Dabeiba	42.32	355	eP	P	02 37 07.2	+2.0
DBBC	Dabeiba	42.32	355	eP	P	02 37 07.2	+2.0
NBPS	Pedro II - PI	42.55	51	eP	P	02 37 06.8	+0.5
ZARC	Zaragoza, Cauc	42.72	358	eP	P	02 37 08.5	0.0
ZARC	Zaragoza, Cauc	42.72	358	eP	P	02 37 08.5	0.0
NBPS	Pedra - Branca-C	42.89	54	eP	P	02 37 09.8	-0.1
OCAC	Ocana	43.44	360	eP	P	02 37 15.1	+0.8
OCAC	Ocana	43.44	360	eP	P	02 37 15.1	+0.8
NBRF	Rio Formoso - R	43.73	62	eP	P	02 37 16.5	-0.2
SMLC	San Martn de	44.00	359	eP	P	02 37 15.5	-3.3
SMLC	San Martn de	44.00	359	eP	P	02 37 15.5	-3.3
SDV	Santo Domingo	44.14	4	eP	P	02 37 19.6	-0.4
SDV	Santo Domingo	44.14	4	eP	P	02 37 19.6	-0.4
SDV	Santo Domingo	44.14	4	eP	P	02 37 18.3	-1.8
SDV	Santo Domingo	44.14	4	eP	P	02 37 18.3	-1.8
SDV	Santo Domingo	44.14	4	eP	P	02 37 19.7	-0.4
SDV	Santo Domingo	44.14	4	eP	P	02 37 19.7	-0.4
SDV	Santo Domingo	44.14	4	eS	S	02 43 52.0	-0.9
SDV	Santo Domingo	44.14	4	eS	S	02 37 17.9	-2.3
SDV	Santo Domingo	44.14	4	Iamb	Iamb	02 37 31.7	
SDV	Santo Domingo	44.14	4	IAMS_20	IAMS_20	02 57 55.8	
NBMO	Morritos-CE	44.27	51	eP	P	02 37 20.9	-0.2
NBPA	Parau - RN	44.40	57	eP	P	02 37 22.0	-0.1
BCIP	Isa Barro Col	44.80	351	eP	P	02 37 34.3	+9.1
BCIP	Isa Barro Col	44.80	351	eP	P	02 37 34.3	+9.1
CODC	Agustin Codazz	45.12	360	eP	P	02 37 24.8	-2.9
CODC	Agustin Codazz	45.12	360	eP	P	02 37 24.8	-2.9
CJCC	San Jacinto, C	45.12	357	eP	P	02 37 29.2	+1.4
SJCC	San Jacinto, C	45.12	357	eP	P	02 37 29.2	+1.4
RCBR	Riachuelo	45.17	58	eP	P	02 37 27.0	-1.3
RCBR	Riachuelo	45.17	58	eP	P	02 37 27.0	-1.3
RCBR	Riachuelo	45.17	58	eP	P	02 37 27.0	-1.3
RCBR	Riachuelo	45.17	58	eP	P	02 37 27.0	-1.3
NBVP	Pedro Velho	45.18	59	eP	P	02 37 29.6	+1.3
JNPS	Las Juntas de	46.82	344	I	P	02 37 42.2	+1.1
JNPS	Las Juntas de	46.82	344	I	P	02 37 42.2	+1.1
JTS	Las Juntas de	46.82	344	I	P	02 37 41.9	+0.7
JTS	Las Juntas de	46.82	344	I	P	02 37 41.9	+0.7
JTS	Las Juntas de	46.82	344	I	P	02 37 38.2	-2.9
URIC	Uribia, Colomb	46.89	2	eP	P	02 37 37.5	-4.1
URIC	Uribia, Colomb	46.89	2	eP	P	02 37 37.5	-4.1
URIC	Uribia, Colomb	46.89	2	eP	P	02 37 37.5	-4.1
URIC	Uribia, Colomb	46.89	2	eP	P	02 37 37.5	-4.1
TOSP	Speyside	47.98	17	P	P	03 01 26.9	
TOSP	Speyside	47.98	17	P	P	03 01 26.9	
TRIS	Tristan da Cun	48.34	111	P	P	02 37 52.7	-0.1
WN3	Neumayer Olymp	48.39	157	ScP	ScP	02 37 53.9	+1.1
WN3	Neumayer Olymp	48.39	157	ScP	ScP	02 43 30.8	+1.9
ACON	Acopaya	48.50	344	Iamb	Iamb	02 37 52.6	-1.5
ACON	Acopaya	48.50	344	Iamb	Iamb	02 38 04.9	
ESPN	Las Esperanzas	48.53	345	Iamb	Iamb	02 37 50.3	-4.1
ESPN	Las Esperanzas	48.53	345	Iamb	Iamb	02 38 22.7	
GRGR	Grenville	48.54	15	IAMS_20	IAMS_20	03 01 28.6	
GRGR	Grenville	48.54	15	IAMS_20	IAMS_20	03 01 28.6	
VNA1	Neumayer-Stat	48.73	156	ScP	ScP	02 37 56.7	+1.4
VNA1	Neumayer-Stat	48.73	156	ScP	ScP	02 43 33.7	+1.9
VNA2	Neumayer-Watz	49.06	157	ScP	ScP	02 37 58.9	+1.0
VNA2	Neumayer-Watz	49.06	157	ScP	ScP	02 43 36.5	+2.0
PRVC	Isla de Provid	49.16	349	eP	P	02 38 03.0	+3.8
PRVC	Isla de Provid	49.16	349	eP	P	02 38 03.0	+3.8
PTCN	Pitcairn Island	49.67	266	eP	P	02 38 00.8	-2.4
PTCN	Pitcairn Island	49.67	266	eP	P	02 37 59.9	-3.7
SVB	Beimont	49.73	15	P	P	03 02 27.2	
SVB	Beimont	49.73	15	P	P	03 02 27.2	
ESTN	Estel	49.87	343	P	P	02 38 00.8	-4.0
ESTN	Estel	49.87	343	P	P	02 38 40.2	
BBGH	Gun Hill	50.00	17	P	P	02 38 02.2	-3.4
MCLT	Moule a Chique	50.22	16	P	P	02 38 05.9	-1.4
MCLT	Moule a Chique	50.22	16	P	P	03 02 59.6	
SNA	Sanae	50.61	157	ScP	ScP	02 38 10.7	+0.9
SNA	Sanae	50.61	157	ScP	ScP	02 43 48.3	+2.5
SNA	Sanae	50.61	157	ScP	ScP	02 38 10.7	+0.9
SNA	Sanae	50.61	157	ScP	ScP	02 38 10.6	+0.8
SNA	Sanae	50.61	157	ScP	ScP	02 38 07.8	-2.0
SNA	Sanae	50.61	157	ScP	ScP	03 01 07.4	
TGUH	Tequigalpa,Un	51.01	342	P	P	02 38 10.9	-2.4
TGUH	Tequigalpa,Un	51.01	342	P	P	02 38 42.0	
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
FD	Fort de France	51.17	15	P	P	02 38 12.8	-1.7
OBIP	Obislapo Ponce	53.54	8	Iamb	Iamb	02 38 59.1	
OBIP	Obislapo Ponce	53.54	8	Iamb	Iamb	02 38 59.1	
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
SJG	San Juan	53.66	8	P	P	02 38 30.3	-2.6
GCPR	Guaynabo City	53.86	8	P	P	02 38 30.2	-4.1
GCPR	Guaynabo City	53.86	8	P	P	02 38 50.4	
ANWB	Wilby Bob	53.90	13	IAMS_20	IAMS_20	03 05 35.5	
ANWB	Wilby Bob	53.90	13	IAMS_20	IAMS_20	03 05 35.5	
SDDR	Pres de Saban	54.14	2	IAMS_20	IAMS_20	03 04 53.8	
SDDR	Pres de Saban	54.14	2	IAMS_20	IAMS_20	03 04 53.8	
CCIG	Comitan	54.49	337	IAMS_20	IAMS_20	02 56 12.8	
CCIG	Comitan	54.49	337	IAMS_20	IAMS_20	02 56 12.8	
QSPA	South Pole Qui	54.81	180	P	P	02 38 42.1	+1.1
QSPA	South Pole Qui	54.81	180	P	P	03 02 36.6	
QSPA	South Pole Qui	54.81	180	P	P	02 38 38.4	-2.6
QSPA	South Pole Qui	54.81	180	P	P	03 02 15.8	
TEIG	Teipich	57.18	343	P	P	02 38 53.4	-4.9
TEIG	Teipich	57.18	343	P	P	02 38 53.4	-4.9
TLIG	Tipapa	57.96	331	IAMS_20	IAMS_20	02 59 29.1	
TLIG	Tipapa	57.96	331	IAMS_20	IAMS_20	02 59 29.1	
ASCN	Ascension	60.11	78	IAMS_20	IAMS_20	03 03 31.3	
SBA	Scott Base	61.49	192	P	P	02 39 24.8	-2.6
SBA	Scott Base	61.49	192	P	P	03 04 07.3	
SBA	Scott Base	61.49	192	P	P	02 39 24.8	-2.6
SBA	Scott Base	61.49	192	P	P	02 39 24.8	-2.6
SBA	Scott Base	61.49	192	P	P	02 39 24.8	-2.6
SBA	Scott Base	61.49	192	P	P	02 39 24.8	-2.6
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
SHEL	Horse Pasture	62.64	91	P	P	02 39 32.7	-3.4
ZAIG	Zacatecas	64.25	330	IAMS_20	IAMS_20	03 02 45.9	
SYO	Syowa Base	64.87	158	I/P	P	02 39 48.6	-1.3
SYO	Syowa Base	64.87	158	I/P	P	02 39 57.6	+4.0
TBI	Tubuai	66.11	258	eS	S	02 48 51.6	+4.7
TBI	Tubuai	66.11	258	eS	S	02 57 14.0	
TBI	Tubuai	66.11	258	eS	S	03 00 05.7	
TBI	Tubuai	66.11	258	eS	S	03 01 45.6	
553A	Crawfordville	66.13	349	P	P	02 39 59.9	+1.5
TAOE	Nuku Hiva Isla	66.19	276	eS	S	02 48 49.6	+1.2
TAOE	Nuku Hiva Isla	66.19	276	eS	S	03 00 00.8	

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456A	Hilliard	66.33	352	P	P	02 40 01.6	+1.9
456A	Hilliard	66.33	352	P	P	02 40 01.6	+1.9
455A	Stateville	66.48	351	P	P	02 40 03.5	+1.9
455A	Stateville	66.48	351	P	P	02 40 03.5	+1.9
454A	Outman	66.53	350	P	P	02 40 02.0	+2.0
454A	Outman	66.53	350	P	P	02 40 02.0	+2.0
451A	Vernon	66.76	348	P	P	02 40 04.5	+2.1
451A	Vernon	66.76	348	P	P	02 40 04.5	+2.1
451A	Vernon	66.76	348	IAMS_20	IAMS_20	03 12 15.8	
453A	Whigham	66.77	350	P	P	02 40 04.6	+2.1
453A	Whigham	66.77	350	P	P	02 40 04.6	+2.1
KVXT	Kingville	66.86	336	IAMS_20	IAMS_20	03 12 05.4	
353A	Camilla	67.24	350	P	P	02 40 06.0	+0.5
353A	Camilla	67.24	350	P	P	02 40 06.0	+0.5
TIGA	Tifton	67.24	350	P	P	02 40 06.3	+0.9
TIGA	Tifton	67.24	350	P	P	02 40 06.3	+0.9
TIGA	Tifton	67.24	350	IAMS_20	IAMS_20	03 12 21.5	
257A	Skidaway Island	67.46	353	IAMS_20	IAMS_20	03 12 20.4	
257A	Skidaway Island	67.46	353	IAMS_20	IAMS_20	03 12 20.4	
352A	Blakely	67.47	349	IAMS_20	IAMS_20	03 12 00.7	
352A	Blakely	67.47	349	IAMS_20	IAMS_20	03 12 00.7	
BRAL	Brewton	67.53	347	P	P	02 40 09.1	+1.9
BRAL	Brewton	67.53	347	P	P	02 40 09.1	+1.9
BRAL	Brewton	67.53	347	IAMS_20	IAMS_20	03 12 36.1	
255A	Hazelhurst	67.57	351	P	P	02 40 08.7	+1.1
255A	Hazelhurst	67.57	351	P	P	02 40 08.7	+1.1
255A	Hazelhurst	67.57	351	IAMS_20	IAMS_20	03 12 26.4	
254A	Abeville	67.70	351	P	P	02 40 09.1	+0.8
254A	Abeville	67.70	351	P	P	02 40 09.1	+0.8
MEH	Mehetia	67.76	263	eT	T	03 05 47.4	
MEH	Mehetia	67.76	263	eT	T	03 05 47.4	
253A	Americus	67.92	350	P	P	02 40 10.7	+0.9
253A	Americus	67.92	350	P	P	02 40 10.7	+0.9
253A	Americus	67.92	350	IAMS_20	IAMS_20	03 12 54.7	
833A	Chaparral WMA	68.08	335	IAMS_20	IAMS_20	03 12 30.9	
157A	Early Branch	68.15	353	P	P	02 40 11.8	+0.6
157A	Early Branch	68.15	353	P	P	02 40 11.8	+0.6
250A	Grady	68.18	348				

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T56A Rocky Mt baz=174	72.38 354	P	P	02 40 36.7	-0.3
LPAR Lepanto comp=Z,3um,18.0s	72.46 345	IAMS_20	IAMS_20	03 18 25.7	
W41B Gary Mavity, V baz=164,SNR=5.4	72.47 344	P	P	02 40 38.0	+0.5
W41B Gary Mavity, V comp=Z,4um,18.0s	72.47 344	IAMS_20	IAMS_20	03 18 06.0	
WVT Waverly baz=167	72.50 348	P	P	02 40 37.8	+0.1
WVT Waverly comp=Z,81nm,1.0s	72.50 348	P	Pmax	02 40 33.3	-4.4
WVT Waverly comp=Z,2um,19.0s	72.50 348	P	MLR	02 40 33.3	-4.4
WVT Pulaski baz=173	72.53 354	P	P	02 40 38.0	0.0
U49A Red Haling Sp baz=169,SNR=5.7	72.54 349	P	P	02 40 37.0	-1.0
T54A Tazewell baz=173	72.55 353	P	P	02 40 37.5	-0.7
HALT Halls comp=Z,3um,21.0s	72.56 346	IAMS_20	IAMS_20	03 17 56.5	
W3AR Wise baz=172	72.57 352	P	P	02 40 37.9	-0.3
WHAR Woolly Hollow comp=Z,93nm,1.3s	72.59 344	Iamb	Iamb	02 40 56.6	
WHAR		IAMS_20	IAMS_20	03 18 00.2	
BLA Blackburg baz=174	72.59 354	P	P	02 40 40.2	+1.8
T51A Gray baz=171	72.73 351	P	P	02 40 38.8	-0.2
T52A Hallie comp=Z,3um,18.0s	72.75 352	IAMS_20	IAMS_20	03 13 28.5	
GNAR Gosnell comp=Z,3um,19.0s	72.75 346	IAMS_20	IAMS_20	03 18 23.4	
S61A Accomac comp=Z,4um,18.0s	72.82 358	IAMS_20	IAMS_20	03 16 33.4	
S58A Poland Farm, P baz=176	72.82 356	P	P	02 40 40.3	+0.7
S58A Poland Farm, P comp=Z,4um,20.0s	72.82 356	IAMS_20	IAMS_20	03 17 50.4	
S60A Water View baz=177	72.84 357	P	P	02 40 40.7	+1.0
W39A Magazine baz=162,SNR=6.6	72.86 342	P	P	02 40 39.7	-0.2
PEBM Pemiscott Bayo comp=Z,3um,18.0s	72.86 346	IAMS_20	IAMS_20	03 18 24.4	
T50A Nancy baz=170	72.90 350	P	P	02 40 39.0	-1.2
GLAT Glass comp=Z,4um,20.0s	72.90 346	IAMS_20	IAMS_20	03 18 15.4	
S59A Mechanicsville baz=176	72.93 357	P	P	02 40 40.9	+0.7
S56A Natural Bridge baz=174	72.98 355	P	P	02 40 40.9	+0.3
S57A Dark Hollow, R baz=175	73.02 355	P	P	02 40 41.2	+0.3
T49A Edmonton baz=169,SNR=5.4	73.08 350	P	P	02 40 41.4	+0.2
LCAR Lake Charles comp=Z,4um,21.0s	73.09 345	IAMS_20	IAMS_20	03 18 12.3	
PVMO Portageville comp=Z,3um,18.0s	73.12 346	IAMS_20	IAMS_20	03 18 38.2	
PENMO Penman comp=Z,4um,18.0s	73.14 346	IAMS_20	IAMS_20	03 18 29.8	
HICK Hickman comp=Z,3um,19.0s	73.15 347	IAMS_20	IAMS_20	03 18 20.1	
S55A Lewisburg baz=174	73.16 354	P	P	02 40 41.7	0.0
R58B Mineral baz=176	73.16 356	P	P	02 40 41.0	-0.6
R58B Mineral comp=Z,4um,20.0s	73.16 356	IAMS_20	IAMS_20	03 17 57.4	
T47A Sharon Grove baz=168,SNR=5.8	73.21 348	P	P	02 40 41.6	-0.4
S54A Dingess, Beckl comp=Z,4um,20.0s	73.26 353	IAMS_20	IAMS_20	03 13 59.9	
MNTX Cornudas Mount baz=175	73.32 332	P	P	02 40 43.3	+0.6
MNTX Cornudas Mount comp=Z,4um,18.0s	73.32 332	IAMS_20	IAMS_20	03 08 37.0	
HSIG HSIG comp=Z,4um,19.0s	73.34 326	P	Iamb	02 40 37.4	-5.5
SS1A Beattyville baz=171	73.35 351	P	P	02 40 43.1	+0.4
CBN Corbin Frederi comp=Z,4um,20.0s	73.37 357	IAMS_20	IAMS_20	03 16 36.0	
R61A Willards comp=Z,4um,18.0s	73.42 358	IAMS_20	IAMS_20	03 19 23.4	
S50A Richmond baz=170,SNR=5.9	73.49 351	P	P	02 40 43.2	-0.4
R58A Ripidan baz=176	73.50 356	P	P	02 40 43.7	+0.1
R57A Stanardsville baz=175	73.53 356	P	P	02 40 43.8	+0.1
R54A Victor baz=173	73.60 354	P	P	02 40 44.1	-0.2
PBMO Poplar Bluff comp=Z,4um,18.0s	73.62 346	IAMS_20	IAMS_20	03 18 38.4	
R56A Bull Pasture M baz=175	73.70 355	P	P	02 40 45.1	+0.3
S49A Springfield baz=170,SNR=5.5	73.71 350	P	P	02 40 44.1	-0.8
U40A Yellville baz=163,SNR=6.4	73.74 344	P	P	02 40 44.1	-1.0
U40A Yellville comp=Z,94nm,1.4s	73.74 344	Iamb	Iamb	02 41 03.1	
WMOK Wichita Mounta baz=158	73.80 338	P	P	02 40 46.5	+0.9
EPT El Paso comp=Z,4um,21.0s	73.83 331	IAMS_20	IAMS_20	03 07 45.4	
R53A Hurricane baz=172	73.84 353	P	P	02 40 44.2	-1.5
HHAR Hobbs comp=Z,3um,19.0s	73.93 343	IAMS_20	IAMS_20	03 19 17.6	
TUL1 Leonard baz=161,SNR=5.9	74.05 341	P	P	02 40 46.3	-0.6
R50A Paris baz=170	74.07 351	P	P	02 40 46.8	-0.2
R50A Paris Iamb	74.07 351	Iamb	Iamb	02 40 55.7	
R50A comp=Z,53nm,1.4s		IAMS_20	IAMS_20	03 16 22.5	
Q60A Greensboro baz=178	74.11 358	P	P	02 40 46.9	-0.2
Q60A Greensboro comp=Z,4um,19.0s	74.11 358	IAMS_20	IAMS_20	03 14 42.5	
Q58A Fox Den Farm, baz=176	74.12 356	P	P	02 40 47.3	+0.1
Q57A Strasburg baz=175	74.26 356	P	P	02 40 49.0	+1.0
S44A Carbondale baz=166,SNR=5.6	74.28 347	P	P	02 40 47.4	-0.7
WCI Wyandotte Cave comp=Z,3um,19.0s	74.30 349	IAMS_20	IAMS_20	03 16 44.4	
Q56A Snyder Ridge, baz=175	74.31 355	P	P	02 40 48.1	-0.3
Q53A Leroy baz=173	74.33 353	P	P	02 40 48.5	+0.1
Q55A Buckhannon baz=174	74.33 354	P	P	02 40 48.6	0.0
Q54A Coxs Mills baz=173	74.39 354	P	P	02 40 48.6	-0.2
Q54A Coxs Mills comp=Z,3um,20.0s	74.39 354	IAMS_20	IAMS_20	03 19 49.8	
MSTX Muleshoe baz=155	74.40 335	P	P	02 40 49.9	+0.8
MSTX Muleshoe comp=Z,3um,21.0s	74.40 335	IAMS_20	IAMS_20	03 14 01.2	
Q52A Bidwell baz=172,SNR=5.1	74.42 328	P	P	02 40 46.9	-3.6
319A Douglas comp=Z,59nm,1.2s	74.65 357	P	Iamb	02 41 13.9	
P58A Pank, Wackers baz=176	74.65 357	P	P	02 40 50.7	+0.4
P57A Homestead Farm baz=176	74.68 356	P	P	02 40 50.9	+0.4
P57A Homestead Farm comp=Z,3um,20.0s	74.68 356	IAMS_20	IAMS_20	03 19 00.6	
Q51A Peebles baz=171	74.69 352	P	P	02 40 50.6	+0.1
Q51A Peebles	74.69 352	P	P	02 40 46.5	-4.1

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Q51A comp=Z,27nm,0.7s	Iamb	Iamb	02 41 06.3		
P59A Jarrettsville baz=177	74.73 357	P	P	02 40 52.1	+1.3
P56A Dayton Farm, R baz=175	74.75 355	P	P	02 40 51.0	+0.1
P61A Hammonton comp=Z,4um,19.0s	74.75 359	IAMS_20	IAMS_20	03 18 14.5	
P55A Reedsville baz=174	74.82 355	P	P	02 40 50.8	-0.6
AMTX Amarillo baz=156	74.86 336	P	P	02 40 52.3	+0.5
Q49A Aurora baz=170	74.86 351	P	P	02 40 51.3	-0.2
Q48A North Vernon baz=169,SNR=5.7	74.90 350	P	P	02 40 50.8	-0.9
P60A Greenville baz=177	74.91 358	P	P	02 40 51.8	+0.1
P60A Greenville comp=Z,3um,18.0s	74.91 358	IAMS_20	IAMS_20	03 20 18.7	
P53A Whipple baz=173	74.94 353	P	P	02 40 51.4	-0.5
P53A Whipple comp=Z,3um,19.0s	74.94 353	IAMS_20	IAMS_20	03 14 43.4	
SUR Sutherland baz=174	74.94 319	P	P	02 40 51.7	-1.0
P54A Burton baz=174	74.97 154	P	P	02 40 52.2	0.0
MCWV Mont Chateau baz=174	74.97 355	P	P	02 40 51.6	-0.5
121A Cookes Peak, D baz=151	75.01 330	P	P	02 40 54.1	+1.3
121A Cookes Peak, D comp=Z,43nm,1.1s	75.01 330	Iamb	Iamb	02 41 16.1	
121A comp=Z,5um,18.0s		IAMS_20	IAMS_20	03 09 21.8	
PSUB Penn St - Bra comp=Z,3um,18.0s	75.02 358	IAMS_20	IAMS_20	03 20 10.6	
CCM Cathedral Cave baz=165	75.02 345	P	P	02 40 52.6	+0.1
CCM Cathedral Cave comp=Z,78nm,1.0s	75.02 345	P	Pmax	02 40 47.3	-5.2
CCM comp=Z,3um,18.0s		IAMS_20	IAMS_20	03 17 23.5	
P51A Williamsport baz=172,SNR=5.2	75.02 352	P	P	02 40 52.2	-0.8
P52A Coaling baz=172,SNR=5.3	75.15 353	P	P	02 40 52.5	-0.8
O61A Allentown baz=179	75.17 359	P	P	02 40 54.2	+1.0
BLO Bloomington comp=Z,3um,19.0s	75.25 349	IAMS_20	IAMS_20	03 19 00.8	
O58A Lewisberry baz=177	75.26 357	P	P	02 40 54.8	+1.0
P50A Jamestown baz=170	75.31 352	P	P	02 40 53.0	-1.1
P49A Miami Univ. Ec baz=170	75.36 351	P	P	02 40 54.8	+0.4
RAR Rarotonga comp=Z,3um,20.0s	75.38 254	IAMS_20	IAMS_20	03 05 38.8	
P48A Milroy baz=170,SNR=6.2	75.38 350	Iamb	Iamb	02 41 08.8	
P48A Milroy comp=Z,78nm,1.2s	75.38 350	IAMS_20	IAMS_20	03 17 36.1	
O57A Amberson baz=176	75.38 356	P	P	02 40 55.2	+0.7
U32A Winter Ranch, comp=Z,4um,18.0s	75.39 339	IAMS_20	IAMS_20	03 18 40.2	
O60A Telford baz=178	75.41 358	P	P	02 40 55.6	+1.0
O59A Robesonia baz=178	75.42 358	P	P	02 40 55.7	+0.9
O55A Ligonier baz=175	75.48 355	P	P	02 40 55.5	+0.3
O56A Blue Knob Stat baz=175	75.49 356	P	P	02 40 55.5	+0.3
O56A Blue Knob Stat comp=Z,4um,18.0s	75.49 356	IAMS_20	IAMS_20	03 18 26.2	
O54A Avella baz=174	75.54 354	P	P	02 40 56.1	+0.7
O52A Adamsville baz=173	75.60 353	P	P	02 40 54.7	-1.1
O52A Adamsville comp=Z,3um,19.0s	75.60 353	IAMS_20	IAMS_20	03 15 22.0	
O53A New Radephill baz=173	75.67 354	P	P	02 40 55.7	-0.5
O51A Pataskala baz=172,SNR=6.9	75.71 353	P	P	02 40 55.5	-1.0
BRNJ Basking Ridge comp=Z,3um,19.0s	75.75 359	IAMS_20	IAMS_20	03 19 53.1	
N61A South Mountain baz=179	75.82 359	P	P	02 40 56.7	-0.3
SSPA Standing Stone baz=176	75.82 356	P	P	02 40 56.2	-0.9
SSPA Standing Stone comp=Z,35nm,1.1s	75.82 356	Iamb	Iamb	02 41 20.2	
O50A Cable baz=171	75.82 352	P	P	02 40 57.2	+0.1
ACSO Alum Creek Sta baz=172,SNR=8.0	75.83 352	P	P	02 40 56.6	-0.6
ACSO Alum Creek Sta comp=Z,49nm,0.7s	75.83 352	Iamb	Iamb	02 41 12.5	
ACSO comp=Z,3um,20.0s		IAMS_20	IAMS_20	03 15 09.2	
N57A Milroy baz=177	75.92 357	P	P	02 40 58.0	+0.4
N60A Cedar Hill Far baz=178	75.95 358	P	P	02 40 58.1	+0.4
O49A Covington baz=170	75.95 351	P	P	02 40 57.6	-0.2
O49A Covington comp=Z,4um,20.0s	75.95 351	IAMS_20	IAMS_20	03 15 31.2	
N58A Sunbury baz=177,SNR=6.4	75.97 357	P	P	02 40 58.7	+0.8
NNM Barren Site baz=178	75.97 332	P	P	02 40 54.5	-3.9
N59A State Game Lan baz=178	76.01 358	P	P	02 40 58.8	+0.6
N59A State Game Lan comp=Z,4um,19.0s	76.01 358	IAMS_20	IAMS_20	03 19 16.0	
Y22D IRIS PASSCAL I comp=Z,5um,21.0s	76.02 332	IAMS_20	IAMS_20	03 10 51.4	
N55A Marion Center baz=175,SNR=5.3	76.03 355	P	P	02 40 58.4	+0.2
N55A Marion Center comp=Z,3um,21.0s	76.03 355	IAMS_20	IAMS_20	03 18 57.4	
PAL Palisades comp=Z,3um,18.0s	76.07 359	IAMS_20	IAMS_20	03 20 49.4	
TUC Tucson baz=149	76.08 328	P	P	02 41 00.8	+2.0
TUC Tucson comp=Z,35nm,1.3s	76.08 328	P	Pmax	02 40 55.2	-3.6
TUC Tucson comp=Z,170nm,1.0s	76.08 328	eP	eP	02 40 55.2	-3.6
LIC Lamto baz=176	76.09 72	eP	eP	02 40 59.4	+0.2

30d 2h

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like Cedar Bluff, Mt. Morris Dam, Ann Arbor, etc.

2013 OCT

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like Iron Mountain, H61A Lyndonville, H60A Morrisdown, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like Edwards Air Force, Lac Etchemin, Dumeine, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like CCHI, PEL, PLCA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like OTAV, FDF, FDF, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like FDF, FDF, FDF, etc.

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Q56A Snyder Ridge, baz=175	74.28 355	P	P	03 03 27.0 +0.7
Q56A Snyder Ridge, comp=Z,10um,20.0s	74.28 355	IAMS_20	IAMS_20	03 39 44.0
Q53A Leroy, baz=173	74.30 353	P	P	03 03 26.0 -0.3
Q55A Buckhannon, baz=174	74.30 354	P	P	03 03 25.7 -0.8
MGMO Mountain Grove, comp=Z,174nm,1.6s	74.34 344	IAMB	IAMB	03 03 43.3
Q54A Cocks Mills, baz=173	74.36 354	P	P	03 03 24.6 -2.2
MSTX Muleshoe, baz=155,SNR=12	74.37 335	P	P	03 03 25.5 -1.6
MSTX Muleshoe, comp=Z,121nm,1.2s	74.37 335	IAMB	IAMB	03 03 40.3
Q52A Bidwell, baz=172	74.47 353	P	P	03 03 27.4 0.0
Q50A Georgetown, baz=171	74.55 351	P	P	03 03 27.7 -0.2
319A Douglas, comp=Z,78nm,1.1s	74.60 328	IAMB	IAMB	03 03 43.6
P58A Panik, Wackersw, comp=Z,141nm,1.4s	74.62 357	P	P	03 03 28.6 +0.3
P57A Homestead Farm, baz=176	74.65 356	P	P	03 03 28.5 +0.1
P57A Homestead Farm, comp=Z,78nm,1.1s	74.65 356	IAMB	IAMB	03 03 27.5 -0.9
P57A Homestead Farm, comp=Z,13um,19.0s	74.65 356	IAMS_20	IAMS_20	03 41 37.7
Q51A Peebles, baz=171	74.66 352	P	P	03 03 28.8 +0.3
Q51A Peebles, comp=Z,86nm,1.1s	74.66 352	IAMB	IAMB	03 03 43.8
Q51A Peebles, comp=Z,11um,19.0s	74.66 352	IAMS_20	IAMS_20	03 38 49.9
P59A Jarrettsville, baz=177,SNR=5.0	74.70 357	P	P	03 03 25.9 -2.8
P61A Hamontton, comp=Z,15um,19.0s	74.72 359	IAMS_20	IAMS_20	03 41 02.5
P56A Dayton Farm, R, baz=175	74.72 355	P	P	03 03 28.0 -0.8
P55A Reedsville, baz=174	74.79 355	P	P	03 03 27.3 -2.0
AMTX Amarillo, baz=156	74.83 336	P	P	03 03 31.1 +1.4
Q49A Aurora, baz=170	74.83 351	P	P	03 03 28.4 -1.1
Q48A North Vernon, baz=169	74.87 350	P	P	03 03 29.0 -0.7
P60A Greenville, baz=178,SNR=5.7	74.88 358	P	P	03 03 26.6 -3.1
P53A Whipple, baz=173	74.91 353	P	P	03 03 29.9 0.0
P53A Whipple, comp=Z,86nm,1.0s	74.91 353	IAMB	IAMB	03 03 46.4
P53A Whipple, comp=Z,11um,19.0s	74.91 353	IAMS_20	IAMS_20	03 38 11.5
P54A Burton, baz=174	74.94 354	P	P	03 03 30.9 +0.8
MCWV Mont Chateau, baz=174	74.94 355	P	P	03 03 30.3 +0.2
SUR Sutherland, comp=Z,35nm,1.0s, baz=229,slow=6.3,SNR=8.6	74.95 119	P	P	03 03 32.0 +1.1
SUR Sutherland, comp=Z,18um,18.0s	74.95 119	IAMS_20	IAMS_20	03 37 24.0
121A Cookes Peak, D, baz=151,SNR=10	74.98 330	P	P	03 03 29.8 -0.9
121A Cookes Peak, D, comp=Z,158nm,1.4s	74.98 330	IAMB	IAMB	03 03 46.0
121A Cookes Peak, D, comp=Z,17um,18.0s	74.98 330	IAMS_20	IAMS_20	03 32 55.8
PSUB Penn St. - Bra, comp=Z,170nm,1.4s	74.99 358	IAMB	IAMB	03 03 47.7
PSUB Penn St. - Bra, comp=Z,11um,18.0s	74.99 358	IAMS_20	IAMS_20	03 41 04.6
CCM Cathedral Cave, baz=165	74.99 345	P	P	03 03 30.0 -0.4
CCM Cathedral Cave, comp=Z,128nm,1.0s	74.99 345	MLR	MLR	03 03 29.2 -1.2
CCM Cathedral Cave, comp=Z,8um,19.0s	74.99 345	IAMS_20	IAMS_20	03 03 29.2 -1.2
CCM Cathedral Cave, comp=Z,128nm,1.0s	75.07 352	P	P	03 03 29.4 -1.4
P51A Williamsport, baz=172	75.07 352	IAMS_20	IAMS_20	03 39 09.9
P52A Corning, baz=172	75.12 353	P	P	03 03 29.4 -1.8
O61A Allentown, baz=179	75.14 359	P	P	03 03 32.0 +0.8
BLO Bloomington, comp=Z,16um,20.0s	75.23 349	IAMS_20	IAMS_20	03 40 12.0
O58A Lewisberry, baz=177	75.23 357	P	P	03 03 32.7 +0.9
P50A Jamesstown, baz=171	75.28 352	P	P	03 03 31.3 -0.8
P49A Miami Univ. Ec, baz=170	75.33 351	P	P	03 03 32.1 -0.2
SLM Saint Louis, comp=Z,9um,18.0s	75.35 354	IAMS_20	IAMS_20	03 43 17.2
N48A Milroy, baz=170	75.35 350	P	P	03 03 31.7 -0.7
P48A Milroy, comp=Z,13um,20.0s	75.35 350	IAMS_20	IAMS_20	03 39 46.2
O57A Amberson, baz=176	75.35 356	P	P	03 03 32.2 -0.3
O60A Telford, baz=178	75.38 358	P	P	03 03 31.0 -1.5
O59A Robesonia, baz=177	75.39 358	P	P	03 03 31.8 -0.9
O55A Ligonier, baz=175	75.45 355	P	P	03 03 31.7 -1.4
O56A Blue Knob Stat, baz=175	75.46 356	P	P	03 03 32.6 -0.6
O56A Blue Knob Stat, comp=Z,12um,19.0s	75.46 356	IAMS_20	IAMS_20	03 42 14.2
O52A Adamsville, baz=172	75.57 353	P	P	03 03 33.4 -0.3
O52A Adamsville, comp=Z,91nm,1.0s	75.57 353	IAMB	IAMB	03 03 50.0
O52A Adamsville, comp=Z,10um,19.0s	75.57 353	IAMS_20	IAMS_20	03 39 32.1
O53A New Philadelph, baz=173	75.65 354	P	P	03 03 33.5 -0.7
O51A Pataskala, baz=172	75.68 353	P	P	03 03 33.2 -1.2
BRNJ Basking Ridge, comp=Z,14um,19.0s	75.72 359	IAMS_20	IAMS_20	03 41 37.1
P46A Rosedale, baz=168	75.77 349	P	P	03 03 35.1 +0.2
N61A South Mountain, baz=179	75.79 359	P	P	03 03 34.5 -0.4
SSPA Standing Stone, baz=176	75.79 356	P	P	03 03 34.7 -0.2
SSPA Standing Stone, comp=Z,87nm,1.2s	75.79 356	IAMB	IAMB	03 03 33.7 -1.3
SSPA Standing Stone, comp=Z,11um,18.0s	75.79 356	IAMS_20	IAMS_20	03 42 53.9
O50A Cable, baz=171	75.79 352	P	P	03 03 34.5 -0.6
ACSO Alum Creek Sta, baz=172	75.81 352	P	P	03 03 35.4 +0.3
ACSO Alum Creek Sta, comp=Z,10um,20.0s	75.81 352	IAMS_20	IAMS_20	03 39 43.3
N57A Milroy, baz=176	75.89 357	P	P	03 03 35.0 -0.6
N60A Cedar Hill Far, baz=178	75.92 358	P	P	03 03 34.7 -1.0
O49A Covington, baz=170,SNR=7.1	75.92 351	P	P	03 03 34.8 -0.9
O49A Covington, comp=Z,13um,22.0s	75.92 351	IAMS_20	IAMS_20	03 37 58.4
N58A Sunbury, baz=177	75.94 357	P	P	03 03 35.2 -0.6
N58A Sunbury, comp=Z,10um,20.0s	75.94 357	IAMS_20	IAMS_20	03 38 31.8
BNM Barren Site, baz=178	75.94 332	P	P	03 03 34.8 -1.5
N59A State Game Lan, baz=178	75.98 358	P	P	03 03 36.6 +0.5
N59A State Game Lan, comp=Z,146nm,1.4s	75.98 358	IAMB	IAMB	03 03 53.6
N59A State Game Lan, comp=Z,11um,18.0s	75.98 358	IAMS_20	IAMS_20	03 41 55.0

N55A Marion Center, comp=Z,12um,18.0s	76.00 355	P	P	03 03 37.5 +1.3
N55A Marion Center, baz=175	76.00 355	IAMS_20	IAMS_20	03 42 32.3
TUC Tucson, comp=Z,11um,19.0s	76.05 328	P	P	03 03 38.1 +1.3
TUC Tucson, baz=149	76.05 328	P	P	03 03 35.8 -1.0
TUC Tucson, comp=Z,120nm,1.6s	76.05 328	P	P	03 03 35.8 -1.0
TUC Tucson, comp=Z,120nm,1.6s	76.05 328	IAMB	IAMB	03 03 51.8
TUC Tucson, comp=Z,10um,18.0s	76.08 72	eP	P	03 03 37.6 +0.3
LIC Lamto, comp=Z,504nm,1.3s	76.09 356	P	P	03 03 38.2 +1.5
N56A West Decatur, baz=176	76.12 359	P	P	03 03 34.3 -2.6
ODNJ Ogdensburg, comp=Z,77nm,1.2s	76.12 359	IAMB	IAMB	03 03 54.1
ODNJ Ogdensburg, comp=Z,12um,21.0s	76.17 354	IAMS_20	IAMS_20	03 40 13.5
N53A Lisbon, baz=173	76.17 354	P	P	03 03 38.5 +1.4
N53A Lisbon, comp=Z,14um,19.0s	76.17 354	IAMS_20	IAMS_20	03 41 12.2
P43A Skaggs, Panowes, baz=166	76.19 347	P	P	03 03 37.9 +0.6
N52A McGinn's Farm, baz=173	76.25 353	P	P	03 03 39.0 +1.4
N54A Moraine State, baz=174	76.25 355	P	P	03 03 38.9 +1.3
N54A Moraine State, comp=Z,78nm,1.1s	76.25 355	IAMB	IAMB	03 03 54.2
N54A Moraine State, comp=Z,12um,20.0s	76.25 355	IAMS_20	IAMS_20	03 42 40.1
M61A Granite Spring, baz=179	76.34 360	P	P	03 03 38.8 +0.7
YLE Yale, comp=Z,12um,21.0s	76.34 360	IAMS_20	IAMS_20	03 37 58.5
TIC Toudodi, baz=173	76.35 72	eP	P	03 03 39.3 +0.5
N50A Nevada, baz=171	76.36 352	P	P	03 03 38.5 +0.3
M60A Port Jervis, baz=179	76.37 359	P	P	03 03 38.7 +0.5
KIC Kosan Boka, comp=Z,452nm,1.1s	76.39 72	eP	P	03 03 38.8 -0.3
N51A Ashland, baz=172	76.42 353	P	P	03 03 38.2 -0.3
M57A Sunshine Farm, baz=176	76.45 357	P	P	03 03 38.4 -0.3
M58A Price's Panora, baz=173	76.46 357	P	P	03 03 38.4 -0.4
M62A Hamden, baz=180	76.47 0	P	P	03 03 38.3 -0.5
DBIC Dimbokro, baz=175	76.49 72	P	P	03 03 39.2 -0.4
DBIC Dimbokro, comp=Z,54nm,0.9s, baz=199,slow=6.3,SNR=16	76.49 72	LR	LR	03 35 32.4
SFIN Lafayette, comp=Z,10um,19.3s, baz=215,slow=34	76.50 349	P	P	03 03 37.4 -1.6
SFIN Lafayette, comp=Z,9um,19.0s	76.50 349	IAMS_20	IAMS_20	03 40 50.6
O44A Mansfield, baz=167	76.50 348	P	P	03 03 39.9 +0.9
ANMO Albuquerque, baz=177	76.58 332	P	P	03 03 40.9 +1.0
ANMO Albuquerque, comp=Z,26nm,1.2s	76.58 332	eP	eP	03 03 40.5 +0.6
ANMO Albuquerque, comp=Z,8um,14.0s	76.58 332	MLR	MLR	03 03 38.1 -1.7
ANMO Albuquerque, comp=Z,110nm,1.4s	76.58 332	IAMB	IAMB	03 03 54.9
ANMO Albuquerque, comp=Z,13um,19.0s	76.58 332	IAMS_20	IAMS_20	03 33 17.2
M59A Waymart, baz=178	76.60 358	P	P	03 03 39.4 -0.1
M64A Tiverton, baz=181	76.60 1	P	P	03 03 40.4 +0.9
KSPA Keystone Cole, comp=Z,16um,19.0s	76.62 358	IAMS_20	IAMS_20	03 42 21.9
N49A Columbus Grove, baz=171	76.63 351	P	P	03 03 39.5 -0.2
N49A Columbus Grove, comp=Z,151nm,1.1s	76.63 351	IAMB	IAMB	03 03 55.9
N49A Columbus Grove, comp=Z,12um,22.0s	76.63 351	IAMS_20	IAMS_20	03 38 28.0
M56A Emporium, baz=176	76.65 356	P	P	03 03 40.5 +0.6
M56A Emporium, comp=Z,118nm,1.1s	76.65 356	IAMB	IAMB	03 03 56.6
M56A Emporium, comp=Z,10um,19.0s	76.65 356	IAMS_20	IAMS_20	03 39 49.7
214A Organ Pipe Nat, baz=148,SNR=8.5	76.65 326	P	P	03 03 39.8 -0.3
M55A Ridgway, baz=175	76.67 356	P	P	03 03 40.0 0.0
M55A Ridgway, comp=Z,136nm,1.2s	76.67 356	IAMB	IAMB	03 03 56.6
M55A Ridgway, comp=Z,11um,19.0s	76.67 356	IAMS_20	IAMS_20	03 43 16.2
N48A Decatur, baz=170	76.67 351	P	P	03 03 40.7 +0.7
KSCT Kent School, K, comp=Z,12um,21.0s	76.76 360	IAMS_20	IAMS_20	03 38 35.4
M54A Oil Creek Stat, baz=174	76.77 355	P	P	03 03 40.3 -0.2
M54A Oil Creek Stat, comp=Z,11um,19.0s	76.77 355	IAMS_20	IAMS_20	03 43 00.8
M53A WJ Miller and, baz=174	76.78 354	P	P	03 03 40.4 -0.1
N47A Urbana, baz=169	76.78 350	P	P	03 03 39.8 -0.8
N47A Urbana, comp=Z,124nm,1.1s	76.78 350	IAMB	IAMB	03 03 50.8
M51A Elyria, baz=172	76.81 353	P	P	03 03 39.8 -0.9
L63A North Scituate, baz=173	76.91 1	P	P	03 03 42.1 +0.9
M52A Chesterland, baz=173	76.94 354	P	P	03 03 41.4 -0.1
M52A Chesterland, comp=Z,9um,20.0s	76.94 354	IAMS_20	IAMS_20	03 41 37.3
ALLY Allegheny Cole, comp=Z,10um,21.0s	76.95 355	IAMS_20	IAMS_20	03 41 17.5
M50A Fremont, baz=172	76.97 352	P	P	03 03 43.1 +1.5
M50A Fremont, comp=Z,10um,18.0s	76.97 352	IAMS_20	IAMS_20	03 41 45.1
L64A Middleborough, baz=182	76.99 2	P	P	03 03 40.5 -1.2
L60A Shokan, baz=179	77.02 359	P	P	03 03 42.4 +0.4
HDIL Hopedale, baz=166	77.03 347	P	P	03 03 42.6 +0.6
L57A Andrews Acres, baz=177	77.10 357	P	P	03 03 43.5 +1.1
L58A Harry Jones Me, baz=178	77.11 358	P	P	03 03 42.0 -0.4
M49A Liberty Center, baz=178	77.15 352	P	P	03 03 44.2 +1.5
L61A Hillsdale 1, H, baz=180	77.22 360	P	P	03 03 44.0 +1.0
L59A Walton, baz=178	77.24 359	P	P	03 03 44.8 +1.6
L59A Walton, comp=Z,9um,20.0s	77.24 359	IAMS_20	IAMS_20	03 41 59.2
KSU1 Kansas State U, baz=160	77.24 341	P	P	03 03 44.7 +1.5
M47A Cromwell, baz=169	77.25 350	P	P	03 03 42.7 -0.5
M48A Edgerton, baz=170	77.25 351	P	P	03 03 46.9 +3.7
M48A Edgerton, comp=Z,14um,22.0s	77.25 351	IAMS_20	IAMS_20	03 38 47.5
L53A Girard, baz=174	77.26 355	P	P	03 03 45.8 +2.5
PLIO Peltee Island, baz=172	77.27			

30d 2h

KSCO	Kaye Shedlock'	78.90	337	P	P	03 03	54.4	+1.8
J49A	Marlette	78.92	353	P	P	03 03	52.7	+0.3
I62A	Tamworth	78.92	1	P	P	03 03	52.1	-0.3
I62A	Tamworth	78.92	1	Iamb	Iamb	03 04	09.3	
I62A	comp=Z,110nm,1.3s							
I62A	comp=Z,11um,20.0s							
J48A	Bridge Port	78.92	352	P	P	03 03	52.4	0.0
J48A	Bridge Port	78.92	352	IAMS_20	IAMS_20	03 41	29.9	
Y12C	Blythe	78.94	326	P	P	03 03	53.0	+0.2
Y12C	Blythe	78.94	326	Iamb	Iamb	03 04	16.8	
K43C	Gurlington	78.96	349	IAMS_20	IAMS_20	03 42	24.9	
I61A	Oroboro, Fairl	78.97	1	P	P	03 03	51.5	-1.2
J47A	Summer	78.99	351	P	P	03 03	51.9	-0.9
J47A	Summer	78.99	351	IAMS_20	IAMS_20	03 39	50.5	
I67A	Carthage	79.00	358	P	P	03 03	52.7	-0.1
I64A	Boothbay	79.01	3	P	P	03 03	51.6	-1.3
PECO	Prince Edward	79.04	357	P	P	03 03	53.6	+0.6
PECO	Prince Edward	79.04	357	IAMS_20	IAMS_20	03 43	59.8	
WUAZ	Wupatki	79.05	329	P	P	03 03	54.1	+0.5
DRWO	Darlington Wes	79.06	356	P	P	03 03	54.4	+1.3
I53A	Kortright Cn E	79.07	355	P	P	03 03	54.2	+1.0
SCIA	State Center	79.10	345	P	P	03 03	53.9	+0.4
I63A	Otisfield	79.11	2	P	P	03 03	54.0	+0.5
I63A	Otisfield	79.11	2	Iamb	Iamb	03 04	10.7	
I63A	comp=Z,147nm,1.1s							
MONP2	Monument Peak	79.12	324	P	P	03 03	55.2	+1.2
I51A	Listowel	79.16	354	P	P	03 03	54.8	+1.0
J46A	Howard City	79.20	351	P	P	03 03	54.0	+0.1
S22A	4UR Ranch, Cre	79.20	333	P	P	03 03	53.8	-0.8
S22A	4UR Ranch, Cre	79.20	333	IAMS_20	IAMS_20	03 35	32.5	
PDMCI	Parker Dam, Lak	79.23	326	P	P	03 03	55.7	+1.4
LBNH	Lisbon	79.28	1	P	P	03 03	54.3	0.0
LBNH	Lisbon	79.28	1	P	P	03 03	53.5	-0.9
LBNH	comp=Z,68nm,1.0s			MLR	MLR			
LBNH	comp=Z,8um,19.0s							
BC3	Lisbon	79.28	1	P	P	03 03	53.5	-0.9
BC3	Big Chuckawall	79.29	325	P	P	03 03	54.5	-0.4
I55A	Frankford	79.35	357	P	P	03 03	52.7	-2.1
MVCO	Mesa Verde	79.36	332	P	P	03 03	55.1	-0.2
MVCO	Mesa Verde	79.36	332	Iamb	Iamb	03 04	10.1	
VT1	Waterbury	79.36	0	IAMS_20	IAMS_20	03 44	16.2	
H58A	Gabriels	79.45	359	P	P	03 03	54.2	-1.1
I49A	Point Hope	79.46	353	P	P	03 03	55.9	+0.5
I49A	Point Hope	79.46	353	IAMS_20	IAMS_20	03 43	05.9	
JFWS	Jewell Farm	79.49	347	P	P	03 03	54.9	-0.7
JFWS	Jewell Farm	79.49	347	pP	pP	03 03	59.4	+0.3
JFWS	Jewell Farm	79.49	347	IAMS_20	IAMS_20	03 43	05.9	
H57A	Richville	79.52	358	P	P	03 03	55.2	-0.4
IRM	Iron Mountain	79.56	326	P	P	03 03	58.5	+2.2
H61A	Lyndonville	79.57	1	P	P	03 03	55.9	0.0
H60A	Morristown	79.59	0	P	P	03 03	55.8	-0.3
H62A	Milan	79.62	1	P	P	03 03	55.0	-1.3
H62A	Milan	79.62	1	IAMS_20	IAMS_20	03 44	03.2	
BRCO	Bruce Peninsul	79.63	354	P	P	03 03	56.1	-0.1
DELO	Deloro Mine	79.65	357	P	P	03 03	56.4	0.0
DELO	Deloro Mine	79.65	357	IAMS_20	IAMS_20	03 44	30.5	
LONY	Lake Ozonia	79.66	359	P	P	03 03	56.6	+0.1
LONY	Lake Ozonia	79.66	359	Iamb	Iamb	03 04	13.4	
LONY	comp=Z,241nm,1.7s							
H55A	Tweed	79.66	357	P	P	03 03	56.1	-0.3
H56A	Elgin	79.67	358	P	P	03 03	56.1	-0.4
H59A	Cadyville	79.67	360	P	P	03 03	55.7	-0.8
Q24A	Divide	79.69	335	P	P	03 03	59.1	+1.9
I47A	Gladwin	79.72	352	P	P	03 03	57.1	+0.3
I47A	Gladwin	79.72	352	IAMS_20	IAMS_20	03 43	21.9	
PFO	Pinyon Flats O	79.73	324	P	P	03 03	57.5	+0.3
PFO	Pinyon Flats O	79.73	324	pmax	pmax	03 03	55.6	-1.7
PFO	comp=Z,65nm,1.2s							
PFO	Pinyon Flats O	79.73	324	P	P	03 03	55.6	-1.7
PFO	Pinyon Flats O	79.73	324	IAMS_20	IAMS_20	03 32	46.6	
CLWO	Collingwood	79.74	355	P	P	03 03	56.4	-0.5
H64A	Troy	79.75	3	P	P	03 03	57.7	+0.8
H53A	Bobcaygeon	79.75	356	P	P	03 03	56.4	-0.6
I46A	Reed City	79.76	351	P	P	03 03	57.6	+0.6
W13A	Hualapai Mount	79.78	327	P	P	03 03	55.9	-1.7
I48A	Sherman Twp	79.79	352	P	P	03 03	57.4	+0.3
BGNE	Belgrade	79.81	341	P	P	03 03	58.8	+1.4
BELC	Belle Mtn. Jns	79.83	325	P	P	03 03	59.6	+1.8
H65A	Eastbrook	79.85	4	P	P	03 03	58.1	+0.7
MCQ	Macquarie Isla	79.88	208	IAMS_20	IAMS_20	03 32	12.1	
EMMW	East Machias	79.91	4	Iamb	Iamb	03 04	14.7	
EMMW	comp=Z,9um,20.0s							
H52A	Wyevalle	79.91	355	P	P	03 03	59.0	+1.3
I45A	Fountain	79.95	350	IAMS_20	IAMS_20	03 40	09.1	
BMRO	Meriville Lake	79.96	354	P	P	03 03	58.5	+0.4
SADO	Sadowa	79.98	356	IAMS_20	IAMS_20	03 41	34.8	
H66A	Whiting	79.99	4	P	P	03 03	59.5	+1.3
MURC	Murieta	80.07	324	P	P	03 04	00.1	+1.1

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G59A	Clarenceville	80.11	360	P	P	03 03	59.2	+0.4
G60A	Mazonville	80.13	1	P	P	03 03	57.5	-1.5
HAL	Halifax	80.14	7	IAMS_20	IAMS_20	03 41	50.8	
PLVO	Plevna	80.15	357	P	P	03 03	58.7	-0.4
PLVO	Plevna	80.15	357	Iamb	Iamb	03 04	16.0	
PLVO	comp=Z,225nm,1.7s							
G57A	Newington	80.15	359	P	P	03 03	58.0	-1.0
G58A	Ormsdown	80.18	359	P	P	03 03	59.6	+0.4
G63A	Kingsbury	80.21	3	P	P	03 03	59.2	-0.2
I42A	Draeger Farm,	80.21	349	P	P	03 03	57.8	-1.6
I42A	Draeger Farm,	80.21	349	IAMS_20	IAMS_20	03 45	49.0	
BOSA	Boshof	80.23	118	i P	P	03 04	00.2	-0.2
BOSA	Boshof	80.23	118	P	P	03 03	59.6	-0.7
BOSA	comp=Z,82nm,1.0s,baz=231,slow=6.1,SNR=23			LR	LR			
BOSA	comp=Z,7um,18.2s,baz=227,slow=34							
H07A	Gloof Mio	80.23	118	i P	P	03 04	00.2	-0.2
H07A	Gloof Mio	80.26	352	P	P	03 04	01.1	+1.4
H48A	Harrisville	80.26	353	P	P	03 03	58.1	-1.6
H48A	Harrisville	80.26	353	IAMS_20	IAMS_20	03 43	42.2	
G62A	West of Eustis	80.28	2	P	P	03 04	00.3	+0.5
G62A	West of Eustis	80.28	2	Iamb	Iamb	03 04	16.6	
G62A	comp=Z,96nm,1.0s							
G53A	Halibout	80.30	356	P	P	03 03	59.6	-0.3
H46A	Fife Lake	80.32	351	P	P	03 03	59.4	-0.6
GMRC	Granite Mounta	80.32	326	P	P	03 04	01.0	+0.5
PV02	Paradox Valley	80.32	332	P	P	03 03	58.4	-2.1
G61A	St-Isidore-de-	80.32	1	P	P	03 04	00.9	+0.8
G55A	Calabogie	80.35	357	P	P	03 04	00.9	+0.8
PKME	Peaks-Kenny Pk	80.37	3	P	P	03 04	00.7	+0.5
PKME	Peaks-Kenny Pk	80.37	3	Iamb	Iamb	03 04	16.8	
PKME	comp=Z,94nm,1.2s							
G64A	Maxfield	80.38	3	P	P	03 03	59.8	-0.5
G65A	Princeton	80.39	4	P	P	03 03	59.5	-0.8
G65A	Princeton	80.39	4	IAMS_20	IAMS_20	03 41	38.5	
PV18	David Mesa, Pa	80.42	332	IAMS_20	IAMS_20	03 35	25.7	
PV11	David Mesa, Pa	80.45	332	Iamb	Iamb	03 04	15.9	
PV16	Nyswonger Mesa	80.48	332	pP	pP	03 04	03.9	-0.7
PV16	comp=Z,16um,19.0s							
OGNE	Ogallala	80.48	338	P	P	03 04	00.4	-0.7
PV19	Urewoing Glory	80.50	332	IAMS_20	IAMS_20	03 35	29.0	
OR10	Orleans, Innes	80.51	358	P	P	03 04	01.4	+0.5
SMCO	Snowmass	80.52	334	Iamb	Iamb	03 04	22.4	
SMCO	comp=Z,144nm,1.3s							
PV20	West Nyswonger	80.52	332	IAMS_20	IAMS_20	03 35	29.5	
GLM1	Graying	80.53	352	IAMS_20	IAMS_20	03 40	17.2	
I41A	Arkdale	80.54	348	P	P	03 04	00.5	-0.7
I41A	Arkdale	80.54	348	IAMS_20	IAMS_20	03 43	19.5	
PV04	Paradox Valley	80.55	332	P	P	03 04	00.2	-1.4
PV04	comp=Z,140nm,1.6s							
G54A	Lake Saint Pet	80.55	356	P	P	03 04	00.9	-0.4
H43A	Windswept, Lux	80.60	349	P	P	03 04	01.9	+0.4
ISCO	Idaho Springs	80.60	335	P	P	03 04	03.0	+1.0
ISCO	Idaho Springs	80.60	335	Iamb	Iamb	03 04	19.7	
TOBO	Tobermory, Bru	80.61	354	P	P	03 04	02.0	+0.5
PV23	Carpenter Ridg	80.64	332	pP	pP	03 04	04.9	-0.6
KLBO	Killbear Provi	80.64	355	P	P	03 04	00.9	-0.8

30d 2h

Table with columns for call sign, name, frequency, and other details. Includes entries like CTAO Charters Tower, DOT Dot Lake, PAX Paxson, SOKA Soboth, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like KSP, BPAW Bear Paw Mtn., MORC Moravsky Berou, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like TESR Tescani, PRAR RASCA, KALB Balgarovo, etc.

30d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mount Harif, Mt Berech, Elat, etc.

JMA 30:03:20:33.1±0.1, 37.28N±1.44, 139E±0.34, h34km, M3.5, Off east coast of Honshu

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

SJA 30:03:21:35.2±0.7, 35.39S±73.48W, h10km, 1.1km, ML3.5, MW3.2

GUC 30:03:21:39.7±0.5, 35.36S±73.35W, h25km, 57km, ML3.9

ISC 30:03:21:39.4±2.9, 35.41S±73.2W±0.1, h1km, 1.3km, n9, ±121/14, 2C, Off central Chile

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

IDC 30:03:21:58.1±0.5, 37.13N±141.20E, h0km, mb4.5/37, mb1.4/46, mb1mx4.5/64, mbtmp4.4/46, ML2.25, MS5.8/2, Ms1.5/9.2, ms1mx4.3/43, Error ellipse: s-maj=12.8km s-min=9.5km az=98.0

ISCJB 30:03:21:59.0±0.7, 37.12N±0.02, 141.33E±0.04, h19km, 4km, mb4.7/96, Error ellipse: s-maj=5.4km s-min=3.1km az=18.1

NIED 30:03:22:00, 37.20N±141.30E, h8km, Mw4.7 Best double couple: M1.41000±0.1016, N1.10±28.00000±0.839, 0.00000±1.90, 0.00000±. NP2±208.00000±. 851.00000±. 1-90.00000±

MOS 30:03:22:00.5±1.2, 37.14N±141.20E, h26km, mb5.0/33, Error ellipse: s-maj=7.3km s-min=4.4km az=113.2

JMA 30:03:22:00.9±0.1, 37.19N±141.24E, h23km, 1km, M4.9 Broadband fault plane solution: P waves. NP1: 0±17.00000±. 869.00000±. -82.00000±. NP2±176.00000±. 822.00000±. -110.00000±. Principal axes: T P1±24.00000±. Azm101.00000±. N P1±7.00000±. Azm194.00000±. P P1±65.00000±. Azm300.00000±.

JMA Felt III J1, NEIC 30:03:22:01.8±1.6, 37.11N±0.01±141.26E±0.08, h29km, 4km, mb4.8/178

BJJ 30:03:22:03.9±0.0, 37.21N±140.98E, h40km, mb4.7/38, mb5.2/10, Ms5.1/18, Ms7.4/9/18

ISC 30:03:21:58.8±0.7, 37.11N±0.03±141.40E±0.04, h9km, 3km, n422, ±137/37.5, mb4.8/177, 40C-34D, Near east coast of eastern Honshu

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

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Main table with columns: MAJO, Matsuhiro, MAJ, Matsuhiro, MAJ, Matsuhiro, etc. Includes station names like Matsuhiro, Matsu-Tunnel, Mitsune, etc.

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Table with columns: ZAK, Zakamensk, ZAK, Zakamensk, TLY, Talaya, TLY, Talaya, etc. Includes station names like Zakamensk, Talaya, etc.

PKDT	Phuket	48.66 244	P	P	03 30 51.0 +7.7
KULM	Kulim	48.84 240	P	I Amb	03 30 44.1 -0.6
MDM	Murphy Dome	48.86 32	P	I Amb	03 30 46.5 +2.2
WRH	Wood River Hill	48.93 33	I Amb	I Amb	03 30 57.0
KOLN	Koldanda	49.01 277	eP	P	03 30 46.0 -0.2
COLA	College	49.02 32	iP	P max	03 30 47.1 +1.6
COLA	College	49.02 32	P	I Amb	03 30 46.5 +1.0
EDFI	Ende, Flores	49.22 206	P	P	03 30 47.6 -0.1
DHY	Denali Highway	49.31 35	I Amb	I Amb	03 30 59.1
SOEI	Soe	49.31 203	P	P	03 30 48.8 +0.4
HDA	Harding Lake	49.43 33	I Amb	I Amb	03 30 51.2
IL31		49.44 32	I Amb	I Amb	03 30 58.5
ILAR	Eielson Array	49.44 32	P	P	03 30 50.0 +1.3
ILAR	Eielson Array	49.44 32	P	P	03 30 49.9 +1.2
BATI	Baumata	49.52 203	P	P	03 30 52.8 -0.1
FYU	Fort Yukon	50.05 30	I Amb	I Amb	03 31 02.7
BMAR	Burnt Mountain	50.27 29	P	P	03 30 55.6 +0.5
KSH	Kashi	50.37 294	eP	sP	03 31 03.3 +7.0
KSH			sP	S	03 31 13.5 +1.3
KSH			S	S	03 38 14.5 +5.0
KSH			LR	LR	
KSH			LR	LR	
KSH			LR	LR	
RIDG	Independent R1	50.39 34	I Amb	I Amb	03 31 05.7
AAK	Ala-Archa	50.44 298	P	P	03 30 57.0 +0.1
AAK	Ala-Archa	50.44 298	iP	P max	03 30 57.6 +0.7
AAK	Ala-Archa	50.44 298	P	P	03 30 55.7 -1.2
BVAR	Borovoye Array	50.56 226	P	P	03 30 57.0 -0.1
BVAR			PcP	P	03 32 15.5 +0.6
TPI	Tanjungpandan	50.56 226	P	P	03 30 56.4 -1.4
BRVK	Borovoye	50.57 312	dIP	P	03 30 56.3 -1.2
BRVK	Borovoye	50.57 312	P	P	03 30 56.8 -0.7
DOT	Dot Lake	50.75 34	I Amb	I Amb	03 31 06.9
COEN	Coen	50.82 178	I Amb	I Amb	03 31 08.4
KMMI	Kalianget	50.88 216	P	P	03 31 00.4 +0.3
TWSI	Taliwang, Sumb	50.87 212	P	P	03 31 01.8 +0.2
PSI	Prapat	51.82 239	P	P	03 31 07.2 -0.2
BCAR	Beaver Creek A	51.84 34	P	P	03 31 08.4 +1.4
EGAK	Eagle	51.88 32	I Amb	I Amb	03 31 16.5
RPSI	Rantau Prapat	51.90 239	P	I Amb	03 31 05.9 -1.9
KKAR	Karatay Array	53.08 300	P	P	03 31 15.8 -0.6
KKAR	Karatay Array	53.08 300	P	P	03 31 15.2 -0.1
GSI	Gunungstitali	53.83 239	P	P	03 31 21.3 -0.9
INK	Inuvik	54.33 27	I Amb	I Amb	03 31 25.1 +0.1
INK	Inuvik	54.33 27	I Amb	I Amb	03 31 28.2
NIL	Nilore	54.58 288	P	P	03 31 26.8 -0.8
NIL	Nilore	54.58 288	P	P	03 31 26.8 -0.8
ARU	Arti	56.30 319	P	P	03 31 39.0 -0.5
ARU	Arti	56.30 319	P	P	03 31 43.9 -0.1
ARU	Arti	56.30 319	P	P	03 31 39.4 -0.1
ARU	Arti	56.30 319	P	P	03 32 36.0
ARU	Arti	56.30 319	P	P	03 32 42.8
ARU	Arti	56.30 319	P	P	03 32 29.2 -0.2
ARU	Arti	56.30 319	P	P	03 43 17.6 +2.0
ARU	Arti	56.30 319	P	P	03 31 39.0 -0.5
FITZ	Fitzroy Crossi	56.88 198	P	P	03 31 43.9 -0.1
FITZ	Fitzroy Crossi	56.88 198	P	P	03 31 43.9 -0.1
WRAB	Tennant Creek	57.12 186	cIP	P max	03 31 46.9 +1.2
WRA	Warramunga Arr	57.13 188	P	P	03 31 46.5 +0.8
WRA	Warramunga Arr	57.13 188	P	P	03 31 46.1 -1.7
KBL	Kabul	57.38 291	P	P max	03 31 46.1 -1.7
KBL	Kabul	57.38 291	P	I Amb	03 32 03.3
ABKAR	Akbulak array	57.88 310	P	P	03 31 50.2 -0.6
ABKAR	Akbulak array	57.88 310	I Amb	I Amb	03 31 56.8
AKTO	Aktyubinsk	58.62 312	P	P	03 31 55.3 -0.6
KIRV	Kirov	59.32 323	P	P	03 32 05.7 -0.8
AS31	Alice Springs	60.86 188	P	P	03 32 11.6 0.0
ASAR	Alice Springs	60.86 188	P	P	03 32 12.6 +1.0
ASAR	Alice Springs	60.86 188	P	P	03 32 12.0 +0.4
ASAR	Alice Springs	60.86 188	P	P	03 32 23.2 -0.1
TMCR	Tamitsa	62.68 331	eP	P	03 32 27.5 -1.5
MARC	Mare, Loyalty	63.45 152	P	P	03 32 31.1 -0.2
GEYT	Alibek	63.79 299	P	P	03 32 31.1 -0.2
GEYT	Alibek	63.79 299	P	P	03 32 31.3 0.0
GYA0B	ALIBECK ARRAY	63.79 299	I Amb	I Amb	03 32 38.4
ARCES	ARCESS Array B	63.92 339	P	P	03 32 32.0 +0.4
ARCES	ARCESS Array B	63.92 339	P	LR	03 04 02.6
ARCES	ARCESS Array B	63.92 339	P	P	03 32 31.5 -0.1
ARCES	ARCESS Array B	63.92 339	P	P	03 32 30.9 -0.1
DAG	Danmarks Havn	65.70 355	iP	P	03 32 43.0 0.0
DAG	Danmarks Havn	65.70 355	iP	P	03 32 43.0 0.0
MOS	Moscow	67.18 323	eP	P	03 32 52.9 +0.1
MOS	Moscow	67.18 323	eP	P	03 32 06.7
VRH	Novokhoporsky	67.52 318	eP	P max	03 32 53.3 -1.7
VRH	Novokhoporsky	67.52 318	eP	P max	03 32 53.3 -1.7
OBN	Obninsk	68.03 323	cP	P	03 32 58.3 +0.1
OBN	Obninsk	68.03 323	cP	P	03 33 03.6
OBN	Obninsk	68.03 323	cP	P	03 33 28.7
OBN	Obninsk	68.03 323	cP	P	03 42 00.5 +3.2
OBN	Obninsk	68.03 323	cP	P	03 32 58.3 +0.1
LPSR	Galich'ya Gora	68.24 320	eP	P max	03 32 58.3 -1.2
LPSR	Galich'ya Gora	68.24 320	eP	P max	03 32 58.3 -1.2
LTY	Liberty	68.61 46	I Amb	I Amb	03 33 17.5

STKA	Stevens Creek	68.63 180	P	P	03 33 03.4 +1.3
STKA	Stevens Creek	68.63 180	P	P	03 33 02.2 +0.1
STKA	Stevens Creek	68.63 180	P	P	03 33 02.2 +0.1
STKA	Stevens Creek	68.63 180	P	P	03 33 02.2 +0.1
STKA	Stevens Creek	68.63 180	P	P	03 33 02.2 +0.1
VSR	Storozhevo	68.87 319	eP	P max	03 33 01.7 -1.8
VSR	Storozhevo	68.87 319	eP	P max	03 33 01.7 -1.8
VORD	Divnogorie	68.94 319	eP	P	03 33 01.5 -2.5
VORD	Divnogorie	68.94 319	eP	P	03 33 01.5 -2.5
GOF	Gofitskoye	70.04 312	eP	P	03 33 10.1 -0.8
NEW	Newport	70.08 44	I Amb	I Amb	03 33 20.1
YBH	Yreka Blue Hor	70.31 52	I Amb	I Amb	03 33 22.7
SUMG	Summit	70.61 360	iP	P	03 33 15.9 +1.5
SUMG	Summit	70.61 360	iP	P	03 33 15.9 +1.5
SUMG	Summit	70.61 360	iP	P	03 33 15.9 +1.5
SUMG	Summit	70.61 360	iP	P	03 33 15.9 +1.5
SUMG	Summit	70.61 360	iP	P	03 33 15.9 +1.5
QVAR	Kislovodsk Arr	70.84 311	iP	P	03 33 21.7
QVAR	Kislovodsk Arr	70.84 311	iP	P	03 33 16.8 +0.8
KBZ	Khabaz	70.85 311	P	P	03 33 16.0 +0.2
KBZ	Khabaz	70.85 311	P	P	03 33 16.0 +0.2
KBZ	Khabaz	70.85 311	P	P	03 33 16.0 +0.2
KIV	Kislovodsk	70.85 311	eP	P	03 33 16.7 +0.7
KIV	Kislovodsk	70.85 311	eP	P	03 33 16.7 +0.7
KIV	Kislovodsk	70.85 311	eP	P	03 33 17.1 +1.1
KIV	Kislovodsk	70.85 311	eP	P	03 33 14.5 -1.5
GNI	Garni	71.65 307	iP	P	03 33 21.9 +0.9
GNI	Garni	71.65 307	iP	P	03 33 19.0 -2.0
GNI	Garni	71.65 307	iP	P	03 33 33.0
AKH	Akhalkalaki	71.75 308	iP	P	03 33 28.8 +7.2
BMO	Blue Mountains	71.89 47	I Amb	I Amb	03 33 31.4
PLID	Pearl Lake	72.52 46	I Amb	I Amb	03 33 38.2
BEKR	Beckworth	72.82 53	I Amb	I Amb	03 33 37.1
PAHR	Pat Rah Ridge	73.53 53	I Amb	I Amb	03 33 41.4
FFC	Filin Fun	73.65 330	cP	P	03 33 35.0 +2.6
PNTR	Pine Nut	73.75 53	I Amb	I Amb	03 33 34.0 +0.5
CMB	Columbia Colles	73.84 54	I Amb	I Amb	03 33 45.2
HFS	Hagfors	74.02 336	P	P	03 33 35.3 +0.9
YERR	Yerington	74.03 53	I Amb	I Amb	03 33 44.0
NB2	NORSAR Subarra	74.11 337	P	P	03 33 35.2 +0.1
NB2	NORSAR Subarra	74.11 337	P	P	03 33 35.2 +0.1
NOA	NORSAR Array B	74.11 337	P	P	03 33 34.8 -0.3
EGMT	Eggleton	74.22 41	I Amb	I Amb	03 33 44.8
AKASG	Malin Array Be	74.23 322	P	P	03 33 35.5 -0.4
AKASG	Malin Array Be	74.23 322	P	P	03 33 35.0 -0.9
AKASG	Malin Array Be	74.23 322	P	P	03 33 35.0 -0.9
AKASG	Malin Array Be	74.23 322	P	P	03 33 35.0 -0.9
AKASG	Malin Array Be	74.23 322	P	P	03 33 35.0 -0.9
DLMT	Dillon	74.30 45	I Amb	I Amb	03 33 46.1
BOZ	Bozeman (W)	74.70 44	I Amb	I Amb	03 33 47.9
KVN	Kataville	74.72 53	I Amb	I Amb	03 33 48.7
NVR	Mina Array Bea	74.95 53	P	P	03 33 42.4 +1.8
NVR	Mina Array Bea	74.95 53	P	P	03 33 40.9 +0.3
NVR	Mina Array Bea	74.95 53	P	P	03 33 42.4 +0.4
IMW	Indian Meadow	76.13 45	I Amb	I Amb	03 33 57.2
FWXY	Fox Creek	76.24 45	I Amb	I Amb	03 33 57.7
SORM	Soroca	76.33 321	iP	P	03 33 47.8 -0.2
SORM	Soroca	76.33 321	iP	P	03 33 47.8 -0.2
TPAW	Teton Pass	76.38 46	I Amb	I Amb	03 33 58.4
DIKM	Dikmen	76.64 312	iP	P	03 33 56.8 +6.9
R11A	Troy Canyon, C	76.73 52	I Amb	I Amb	03 34 00.1
DGMT	Dagmar	76.79 38	P	P	03 33 49.9 -0.8
DGMT	Dagmar	76.79 38	P	P	03 33 58.6
LAO	LASA Array	76.93 41	I Amb	I Amb	03 34 00.7
TPNV	Topnot Spring	77.14 53	I Amb	I Amb	03 34 03.8
LVV	L'vov	77.31 324	eP	P	03 33 53.7 +0.2
DUG	Dugway, Toeole	77.32 49	I Amb	I Amb	03 34 02.9
PDAR	Pinedale Array	77.62 45	P	P	03 33 57.8 +2.0
PDAR	Pinedale Array	77.62 45	P	P	03 33 56.4 +0.7
ILGA	Ilgaz	77.92 313	I Amb	I Amb	03 34 04.9
KWP	Kalwaria Pacla	78.06 324	eP	P	03 33 59.6 +1.8
KWP	Kalwaria Pacla	78.06 324	eP	P	03 33 59.5 +1.8
BU0R8	Bucovina Ar. S	78.23 322	I Amb	I Amb	03 34 05.9
BURAR	Bucovina Array	78.25 322	iP	P	03 33 59.6 +0.7
BURAR	Bucovina Array	78.25 322	iP	P	03 33 57.1 -1.8
BURAR	Bucovina Array	78.25 322	iP	P	03 33 59.6 +0.7
BURAR	Bucovina Array	78.25 322	iP	P	03 33 59.3 +0.4
CFR	Carcalui	78.38 318	iP	P	03 33 59.3 -0.2
TOPG	Topolog	78.45 318	iP	P	03 34 00.5 +0.5
VRI	Vrincioaia	78.66 320	iP	P	03 34 02.7 +1.6
VRI	Vrincioaia	78.66 320	iP	P	03 34 02.7 +1.6
PLOR	Plonina	78.71 320	iP	P	03 34

30d 3h

Table with columns: OHR STAL, Ohrid, 85.07 319, i P, P, 03 34 23.9 -11, 03 34 40.3

IDC 30 03:22:00.6:1.3, 36:83N:27:53E, h0km, mb3.5/3, mb1 3.6/8, mb1mx3.4/57, mbtmp3.5/8, ML3.3/5, Error

ellipso: s-maj=21.6km s-min=19.9km az=135.0

DDA 30 03:22:02.3, 36:93N:27:55E, h24km, 1km, ML3.6

ISK 30 03:22:02.7, 36:91N:27:56E, h13km, ML3.7, 7.29

ISCJB 30 03:22:03.4, 0.2, 36:88N:0:02:27:56E:0.02, h21km, 2km, mb3.5/3, Error ellipse: s-maj=2.8km s-min=2.6km az=9.7

ATH 30 03:22:03.5, 36:87N:27:51E, h83km, 1km, ML3.6/8, Error ellipse: s-maj=2.2km s-min=1.1km az=224.0

THE 30 03:22:03.1, 36:90N:27:57E, h0km, ML3.6/10, Error ellipse: s-maj=0.9km s-min=0.5km az=44.0

BEO 30 03:22:07.1, 0.1, 37:33N:27:87E, h0km, ML3.5/3

HLW 30 03:22:09.7, 36:33N:27:89E, h14km, 13km, M4.3, M3.5

ISC 30 03:22:03.1, 0.8, 36:88N:0:02:27:58E:0.02, h16km, 5km, n141, r1930/179, mb3.4/3, 7C-6D, Dodecanese Islands

Main table for 30d 3h section, listing station names, codes, and coordinates for various islands and stations.

2013 OCT

Main table for 2013 OCT section, listing station names, codes, and coordinates for various stations.

1524

Main table for 1524 section, listing station names, codes, and coordinates for various stations.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PTGA Pitinga, PTGA Pitinga, SDV Santo Domingo, etc.

ISK 30 03:31:57.9, 36.89N, 27.58E, h16km, ML1.6/8
ISCJB 30 03:31:58.0, 36.89N, 27.57E, h15km, 8km,
Error ellipse: s-maj=8.7km s-min=4.8km az=156.4

DDA 30 03:31:58.4, 36.90N, 27.60E, h7km, 1km, ML2.1
ISC 30 03:31:57.2, 36.90N, 27.75E, h10km, 5km,
n16, c1524/24, Dodecanese Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DATC Datca-Mugla, DATC Datca, etc.

NEIC 30 03:33:02.1, 1.6, 35.40S, 0.06:73.42W, 0.08, h22km, 4km
IDC 30 03:33:05.0, 0.8, 35.47S, 73.20W, h0km, mb4, 0/9,
mb1.4, 1/12, mb1mx4, 1/28, mbtmp4, 0/12, ML3.6/3, Error

GUC 30 03:33:05.7, 0.8, 35.46S, 73.33W, h36km, 3km, ML4.6
VAO 30 03:33:15.0, 6.35, 18S, 72.05W, h10km, mb4.6
ISC 30 03:33:01.1, 1.0, 35.42S, 0.04:73.49W, 0.06, h15km, 6km,
n102, c2662/89, mb4.5, 16.6C, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like COCH Cobquecura, GO05 Huala, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LPAZ La Paz, ITAB Concordia, etc.

SIJC comp=Z, 16nm, 0.9s
SIJC Santa Jacinto, C
TRIS Tristan da Cun
SNA Sanae

MAW Mawson
MAW Mawson
WVW Waverly

T25A Trinidad
DUG Dugway, Tooele
NVAR Mina Array Bea

AKASE Malin Array Be
GAR Garm
ZALV Zalesovo Beam

ZALV Zalesovo Beam
ZALV Zalesovo Beam

KRSC 30 03:44:11.5, 2.0, 52.29N, 160.88E, h40km, 25km, ML4.6
MOS 30 03:44:12.9, 1.0, 52.19N, 160.76E, h44km, mb4, 4/8, Error
ellipse: s-maj=9.1km s-min=4.6km az=109.5

ISCJB 30 03:44:15.0, 0.6, 52.37N, 0.04:160.66E, 0.06, h50km, 5km,
mb4, 0/20, Error ellipse: s-maj=8.2km s-min=4.5km
az=141.8

NEIC 30 03:44:16.9, 1.9, 52.77N, 0.1:160.66E, 0.10, h44km, 9km,
mb4, 4/7
IDC 30 03:44:29.6, 1.2, 53.03N, 158.69E, h95km, 9km, mb3.5/12,
mb1.3/13, mb1mx3.5/47, mbtmp3.8/13, Error ellipse:
s-maj=27.3km s-min=16.8km az=166.0

ISC 30 03:44:16.1, 1.0, 52.39N, 0.05:160.71E, 0.04, h42km, 10km,
n127, c1970/134, mb4, 2/21, SC-1D, Off east coast of
Kamohaka Peninsula

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KRMR Karymshinskiy, KRMR Karymshinskiy, etc.

SKR comp=N, 235nm, 0.6s
SKR comp=E, 79nm, 0.5s
KMN Kamenistaya

BKI Bering
SRKR Sorokina
SRKR Sorokina

MAJ Matushiro
MAJ Matushiro

MJAR Matushiro Array
CHGN Chignik
CAST Castle Rocks

H112 WAKE ISLAND Hy 32.95 169 T T 04 26 26.5
H113 WAKE ISLAND Hy 32.97 169 T T 04 26 28.4
H111 WAKE ISLAND Hy 32.97 169 T T 04 26 26.5

BCPM Bancas Point
BCPM Bancas Point
H111 WAKE ISLAND Hy 34.16 170 T T 04 28 13.9

SONM Songino Array
DGZ Jazator, Alta
KURK Kurchatov

KURK Kurchatov
KURK Kurchatov
MK31 Makanchi Array

MK31 Makanchi Array
MK31 Makanchi Array
MKAR Makanchi Array

MAKZ Makanchi
MAKZ Makanchi
ARCES ARCESS Array B

ARCES ARCESS Array B
ARU Arti
NVAR Mina Array Bea

PDAR Pinedale Array
PDAR Pinedale Array
FINES FINES Array B

FINES FINES Array B
NOA NARSAR Array B
AKASE Malin Array Be

TXAR Lajitas Array
TXAR Lajitas Array

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KRMR Karymshinskiy, KRMR Karymshinskiy, etc.

Table with columns: BRTR, Lajitas Array, Keskin Array B, etc. Includes station names, coordinates, and status.

IDC 30 03:50:05.2.2.1, 1.15N-126.79E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/15, mbtmpp3.2/3, Error ellipse: s-maj=180.5km s-min=25.0km az=66.0, Northern

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like WRA, ASAR, MKAR.

JMA 30 03:59:16.9.0.2, 37.20N-144.47E, h40km, M4.1, Off east coast of Honshu

Large table listing stations for JMA event, including codes, station names, and coordinates.

TRN 30 04:09:35.5, 12.48N-58.93W, h21km, MD3.6, North Atlantic Ocean

Table listing stations for TRN event, including codes, station names, and coordinates.

IDC 30 04:09:58.8.2.5, 4.76S-150.98E, h88km, 33km, mb2.9/2, mb1 3.4/3, mb1mx3.1/25, mbtmpp3.5/3, Error ellipse: s-maj=119.2km s-min=14.1km az=136.0, New Britain region

Table listing stations for IDC event, including codes, station names, and coordinates.

ATH 30 04:25:43.8, 36.01N-23.13E, h22km, 4km, ML1.7/2, Error ellipse: s-maj=12.1km s-min=1.2km az=244.0, Southern Greece

Table listing stations for ATH event, including codes, station names, and coordinates.

IDC 30 04:52:00.2.3.6, 6.60S-147.81E, h0km, mb3.1/1, mb1 3.5/2, mb1mx3.1/18, mbtmpp3.2/2, ML2.8/1, Error ellipse: s-maj=123.1km s-min=46.9km az=115.0, Eastern New Guinea region

Table listing stations for IDC event, including codes, station names, and coordinates.

WEL 30 05:24:33.4, 33.2S-173.3E, h46km, 3km, M3.7/36, ML3.9/15, MLV3.7/36, Error ellipse: s-maj=0.0km s-min=0.0km az=82.3, South Island

Large table listing stations for WEL event, including codes, station names, and coordinates.

ISCJB 30 05:50:51.0.2.0, 2.79S-102.71W, h57km, 7km, mb4.0/8, Error ellipse: s-maj=10.9km s-min=3.2km az=1.1, NEIC 30 05:30:52.6.2.8, 2.79S-102.71W, h63km, 7km, mb4.3/7, ML4.3(GUC)

GUC 30 05:30:53.6.0.8, 2.89S-102.71W, h71km, 8km, ML4.3, SJA 30 05:30:53.9.0.8, 2.79S-102.71W, h64km, 16km, ML4.0, MW4.2

IDC 30 05:50:55.6.0.7, 2.82S-102.71W, h56km, 5km, mb3.8/8, mb1 3.9/11, mb1mx3.7/39, mbtmpp4.0/11, Error ellipse: s-maj=22.5km s-min=12.5km az=98.0

ISC 30 05:53.8.0.6, 2.79S-102.71W, h53km, 5km, n68, s171/88, mb2.4/8, 5C, Near coast of northern Chile

Table listing stations for ISC event, including codes, station names, and coordinates.

Large table listing stations for various events, including codes, station names, and coordinates.

NEIC 30 05:37:02.1.1.9, 24.17S-0.07x179.2E.0.1, h520km, 6km, mb4.5/8

BJJ 30 05:37:02.0.0.2, 24.29S-179.46E, h544km, mb4.9/25, mb4.9/14

ISCJB 30 05:37:04.0.2.1, 24.23S-179.13E, h548km, mb4.6/42, Error ellipse: s-maj=4.4km s-min=2.8km az=30.5

IDC 30 05:37:04.2.0.8, 24.19S-179.19E, h537km, 9km, mb4.0/23, mb1 4.1/26, mb1mx4.0/39, mbtmpp4.9/26, Error ellipse: s-maj=10.4km s-min=8.8km az=18.0

ISC 30 05:37:04.5.0.3, 24.31S-179.25E, h548km, n361, s132/366, mb4.5/75, IC-30K, South of Fiji Islands

Table listing stations for ISC event, including codes, station names, and coordinates.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WMGZ, RUGZ, PUZ, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MDJ, MDJ, MDJ, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like XAN, XAN, XAN, etc.

30d 8h

Table with columns: ZKR, comp, AML, AML, 08 29 13.3, etc. Lists various stations and their associated data.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Includes station codes like URZ, STKA, WRA, ASAR and their details.

2013 OCT

Table with columns: SKR, 4m, 0.5s, eS, A, Sb, 08 41 30.0 -0.4, etc. Lists stations like PAU, KDR, MTR, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Includes station codes like URZ, STKA, WRA, ASAR and their details.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc. Includes station codes like URZ, STKA, WRA, ASAR and their details.

1530

Table with columns: DZM, 7.04 183, Pn, 08 54 28.8 -0.2, etc. Lists stations like DZM, ONTNC, PINN, etc.

1531

Table with columns: PPT2, comp, eS, S, 09 06 50.0, -2.0, etc. Lists various locations like Papeete, Tubuai, Tiarei, etc. with their respective codes and times.

2013 OCT

Table with columns: PBKT, Sadao Pong, 72.14 293, P, P, 09 04 11.7, +1.8, etc. Lists various locations like Sadao Pong, Uthaitani, XAN, etc. with their respective codes and times.

30d 8h

Table with columns: I03D, Drain, OR, 86.32 43, P, P, 09 05 24.5, -2.3, etc. Lists various locations like Drain, OR, Klamath Falls, etc. with their respective codes and times.

Table with columns: MKAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, Zalesovo Beam, and various other observatory stations.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Deva, Gura Zlata, Lotru, and various other observatory stations.

Table with columns: ULN, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ulanbaatar, Ulanbaatar, and various other observatory stations.

1533

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNPM China Poot, WRAB Tennant Creek, and various WRA, FITZ, PMR, and ARS stations.

2013 OCT

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CMB Columbia Colle, CMB Colaba Colle, KVN Kaiserville, and various KVN, NVAR, AKASG, and other stations.

30d 10h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAL Salagasta, RTLS Leoncito, AAGR Agrelo, and various RTCV, COIS, AMOC, and other stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PINNC Pines Island, DZM Mont Dzumac, etc.

ISC/JB 30 10:07:31.9,0.4,25.33N,0.03,141.21E:0.07,h100km, mb3.9, Error ellipse: s-maj=9.1km s-min=4.6km az=13.8

NEIC 30 10:07:32.7,1.3,25.28N,0.08,141.3E:0.1,h93km,8km, mb4.5/12

IDC 30 10:07:32.6,1.8,25.37N,141.21E,h99km,17km,mb3.7/8, mb1.3,8/10,mb1mx3.5/4,mbtmp3.9/10,MS2/1,

JMA 30 10:07:36.0,0.2,25.58N,141.07E,h68km,M4.7

ISC 30 10:07:32.6,0.6,25.30N,0.06,141.37E:0.10,h100km,n42, c133/44,mb4.2/14, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHH2 Haha-jima-NKT2, JCH2 Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR Mina Array Ba, NOA NORSAR Array B, etc.

TAP 30 10:11:32.8,24.41N,121.81E,h14km,ML3.0,11C-10D,B,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NANS Nanao, TWC Suao, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YM08 baz=338, EGFH Guangfu, EGFH baz=211, etc.

SOME 30 10:27:36.2,40.88N,70.03E,h0km NNC 30 10:27:38.2,3.8,40.91N,70.01E,h0km,mb3.6,mpv3.1,

KRNET 10:27:40.4,0.1,41.17N,70.20E,mb3.0

ISC 30 10:27:42.1,1.1,41.17N,70.05,69.99E:0.04,h22km,12km, n14, c153/24,11C-SD, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAS Tashkent, TAS baz=84, IUG luzhnay, etc.

ISC/JB 30 10:35:26.4,0.7,31.57S,0.03,177.9W:0.1,h100km, mb4.6/6, Error ellipse: s-maj=16.3km s-min=3.4km az=7.6

NEIC 30 10:35:27.6,2.0,31.55S,0.06,178.2W:0.2,h72km,9km, mb4.4/9

IDC 30 10:35:32.2,1.9,31.14S,178.31W,h107km,19km,mb4.3/6, mb1.4,4.7,mb1mx3.9/30,mbtmp4.6/7,MS3.1/6,Ms1.3/1/6,

ISC 30 10:35:30.2,0.7,31.49S,0.06,178.3W:0.1,h100km,n113, c233/109,mb4.5/9, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, GLKZ baz=225, etc.

mb3.4/2, Error ellipse: s-maj=6.6km s-min=6.3km az=0.1

JMA 30 11:09:41.1, 0.2, 37.37N, 144.41E, h52km, M4.0

ISC 30 11:09:38.8, 1.5, 37.38N, 144.06E, h44.7km, n26, az=210/35, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IJIKH, JIO, JKMT, etc.

ISCJB 30 11:38:41.5, 0.7, 58.80N, 0.04, 177.9W, 0.1, h10km, mb3.7/8, Error ellipse: s-maj=1.0km s-min=5.3km az=12.9

NEIC 30 11:38:43.5, 1.0, 58.86N, 0.07, 177.8W, 0.1, h10km, 1km, mb4.0/9

ISC 30 11:38:46.1, 1.1, 59.06N, 177.78W, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.6/5.8, mbtmp3.8/6, Error ellipse: s-maj=47.9km s-min=21.4km az=154.0

ISC 30 11:38:45.3, 0.7, 58.87N, 0.06, 177.73W, 0.07, h10km, n27, az=213/30, mb3.8/5, Bering Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SPIA, GAMB, GSTR, etc.

ISCJB 30 11:32:05.7, 0.4, 7.72S, 0.04, 127.53E, 0.04, h150km, mb3.8/6, Error ellipse: s-maj=6.0km s-min=4.9km az=24.1

DJA 30 11:32:06.5, 0.3, 8.3S, 3.12E, h153km, 9km, M4.3/10, mb4.0/9, mb4.7/3, MLV4.5/10, Mw(mb)4.0/3

ISC 30 11:32:07.2, 1.9, 7.63S, 127.47E, h170km, 19km, mb3.6/6, mb1.3/7/10, mb1mx3.5/3.5, mbtmp4.2/10, Error ellipse: s-maj=24.5km s-min=16.0km az=85.0

NEIC 30 11:32:08.0, 0.7, 7.69S, 0.07, 127.48E, 0.07, h177km, 4km, mb4.3/12

ISC 30 11:32:06.2, 0.6, 7.78S, 0.05, 127.51E, 0.06, h150km, n42, az=257/51, mb4.1/9, Banda Sea

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

ISCJB 30 11:46:25.0, 0.3, 73.12N, 0.04, 72.6W, 0.1, h10km, mb3.9/9, MS3.3/5, Error ellipse: s-maj=6.0km s-min=4.3km az=150.0

ISC 30 11:46:26.4, 0.8, 73.12N, 73.58W, h0km, mb4.0/9, mb1.4/2/11, mb1mx3.9/4.6, mbtmp4.0/11, M4.1/2, MS3.3/7, Ms1.3/3.7, ms1mx2.8/6.0, Error ellipse: s-maj=19.8km s-min=13.8km az=131.0

OTT 30 11:46:26.1, 0.1, 73.15N, 73.36W, h18km, M4.7/10, Baffin Bay Seismic Zone. 160km east from Pond Inlet, Nu

NEIC 30 11:46:28.6, 1.5, 73.13N, 0.07, 73.1W, 0.3, h19km, 4km, mb4.0/12, mb4.2/3, MS3.3/5, 1D, Baffin Bay

ISC 30 11:46:25.4, 0.4, 73.12N, 0.04, 72.6W, 0.04, h10km, n104, az=304/112, mb4.2/3, MS3.3/5, 1D, Baffin Bay

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

YKA Yellowknife Ar 18.42 256 P P 11 50 36.3 -10

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CHZP Chorzow, OJC Owcow, LANS Liptovska Anna, MORC Moravsky Berou, NIE Niedzica, VYH Vyhne.

IDC 30 15:04:42.6:2.3, 37.13N:145.00E, h0km, mb3.0/2, mb1 3.5/5, mb1mx3.3/49, mbtmp3.4/5, ML3.1/3, Error ellipse: s-maj=57.5km s-min=28.0km az=68.0

ISCBJ 30 15:04:46.9:0.8, 37.29N:145.05E:144.64E:0.5, h33km, mb3.3/2, Error ellipse: s-maj=6.8km s-min=5.8km az=153.3

JMA 30 15:04:49.1:0.2, 37.27N:144.47E, h40km, M3.9, IS 30 15:04:47.2:1.4, 37.26N:144.74E:0.08, h35km, n26, r182/45, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKMT Kesennumototy, OFUJ Ofunato, JFK Kawauchi, JMST Minisoumatoc, JMK Ichinoseki, JOU Okura, JOT Otama, JYK Kaneyama, JRJ Rokugo, JAH Hinai, JTM Tenmabayashi, JRY Ryogami san, JOT Ohata, MJAR Matsushiro Arr, MAT Matsushiro, JCH Churui, JHH Hachijo jima 2, NEM2 Nemuro 2, JOSM Okushiri-Mats, JTKR Abashiri-Toko, ASAJ Ashikawa, ASAJ 0.8km, 0.3s, bazz=199, slow=12, SNR=7.2, USRK USSuriysk Arr, WRA Warramunga Arr, ASAR Alice Springs.

ISCBJ 30 15:12:19.9:0.5, 76S:0.05E:151.60E:0.07, h57km, mb4.1/11, MS3.3/13, Error ellipse: s-maj=10.4km s-min=5.7km az=31.1

IDC 30 15:12:22.2:1.1, 5.68S:151.52E, h63km, 11km, mb3.8/11, mb1 4.1/14, mb1mx3.8/40, mbtmp4.2/14, MS3.4/15, Ms1 3.4/15, ms1mx3.2/28, Error ellipse: s-maj=19.0km s-min=8.2km az=119.0

DJA 30 15:12:23.4:1.2, 6.5S:8.7E:1.4, h71km, 6km, M4.7/7, mb4.9/1, mb4.5/7, MLV4.7/2, Mw(MB)4.2/1

NEIC 30 15:12:23.2:1.4, 5.82S:0.08E:151.6E:0.1, h82km, 7km, mb4.3/10

IS 30 15:12:21.4:0.6, 5.73S:0.07E:151.64E:0.08, h57km, n42, r158/36, mb4.2/14, MS3.3/13, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat, KRVT 516nm, MANU Manus Island, PMG Port Moresby, PMG 6.5nm, PMG 6.7nm, PMG Port Moresby, HNR Honiara, HNR 2.8nm, HNR comp=Z,152nm, JAY Jayapura, COEN Coen, SMPI Sarmi, CTA Charters Tower, GUMO Guam, MTN Mantion Dam, DZM Mont Dzum, DZM 3.9nm, DZM 3.12nm, DZM Mont Dzum, WRAB Tennant Creek, WRB Warramunga Arr, WRA Warramunga Arr, WRA 2.197, WRA comp=Z,1.8nm, WRA Warramunga Arr, WRA comp=Z,7.7nm, AS31 Alice Springs, ASAR Alice Springs, ASAR comp=Z,1.0nm.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, STKA Stephens Creek, STKA comp=Z,80nm, FITZ Fitzroy Crossi, FITZ comp=Z,1.0nm, FITZ comp=Z,41nm, FITZ Fitzroy Crossi, JCJ Chichijima, MJAR Chiang Mai Arr, KRSR Korea Array, USRK USSuriysk Arr, CMAR Chiang Mai Arr, PETK Petropavlovsk, SONM Songoing Array, SONM comp=Z,2.9nm, TLY Talaya, MKAR Makochi Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ILAR Eielson Arr, NVAR Mina Array Bea, NVAR comp=Z,5.2nm, NVAR Mina Array Bea, TORD Torodi Arr, TORD comp=Z,3.2nm.

IDC 30 15:14:14.7:3.5, 6.66N:128.60E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.4/41, mbtmp3.7/4, Error ellipse: s-maj=96.9km s-min=58.2km az=88.0, North of Halmahera

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

ISCBJ 30 15:17:52.8:1.1, 49.0N:0.2E:151.3E:0.2, h308km, mb2.9/2, Error ellipse: s-maj=27.7km s-min=15.2km az=138.5

IDC 30 15:17:53.9:1.9, 49.11N:151.16E, h303km, 22km, mb2.8/2, mb1 2.8/6, mb1mx2.6/43, mbtmp3.5/6, Error ellipse: s-maj=30.7km s-min=24.9km az=135.0

IS 30 15:17:53.9:1.2, 49.0N:0.2E:151.2E:0.2, h308km, n6, r150/6, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like PETK Petropavlovsk, ASAJ Ashikawa, KLR Kuldur, MJAR Matsushiro Arr, MKAR Matankoi Arr, ASAR Alice Springs.

DDA 30 15:18:43.6:4.1, 54N:41.69E, h7km, 3km, ML2.3, TIF 30 15:18:27.6:4.2, 42.40N:41.04E, h31km, 3km, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BATM Batumi, BATM 0.93, BATM 0.93, DBOC Borcka, DBOC 1.15, ARTV Artvin, ARTV 1.38, DBAD Bademkaya, DBAD 1.46, DDEM Demirkent, DDEM 1.59.

ISCBJ 30 15:21:54.6:0.3, 43.61S:0.03E:172.50E:0.04, h28km, 3km, Error ellipse: s-maj=7.0km s-min=3.5km az=137.9

WEL 30 15:21:55.8:0.4, 44.3S:17.2E:1.5, h5km, 2km, M4.2/20, ML4.4/11, MLV4.2/20, Error ellipse: s-maj=0.0km s-min=0.0km az=172.8

NEIC 30 15:21:56.1:1.4, 43.55S:0.09E:172.5E:0.2, h15km, 7km, mb4.0/4

IS 30 15:21:55.1:0.8, 43.62S:0.03E:172.43E:0.03, h13km, 5km, n91, r159/96, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CRLZ Canterbury Las, CRLZ 0.14, MOZ McQueen's Vall, MOZ 0.18, OXZ Eyrewell, OXZ 2.1, AKCZ Akaroa Harbour, OKCZ Okains Bay, AMCZ Amberley, WACZ Wakamou South, MHCZ Mount Hutt, GVZ Greta Valley S, LTZ Lake Taylor, RPZ Rata Peaks, RPZ 1.01, INZ Inchbonnie, WVZ Waitaha Valley, KHZ Kahutara, KHZ 1.45, LBZ Lake Benmore, LBZ 1.79, THZ Topouse, THZ 1.89, ODZ Otahua Downs, ODZ 1.92, ODZ Otahua Downs, DSZ Denniston Nort, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, CMWZ Cape Campbell, CMWZ Cape Campbell, TUWZ Tuamarina, TUWZ 2.46.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like NNZ Nelson, NNZ Nelson, HHSZ Highcliff Hill, WJZ Jackson Bay, WKZ Wanaka, WAKZ Wanaka, EAZ Earnsclough, ECW Tery Channel, QRZ Quartz Range, QRZ Quartz Range, BFW Baring Head, BFW Baring Head, PLWZ Palliser, PLWZ Palliser, DUWZ D'Urville Isla, MSWZ Moikau Station, MSWZ Moikau Station, TUZ Tuapeka, CAW Cannon Point, TRWZ Traveller, KIWI Kapiti Island, MTW Mount Morrison, MSZ Milford Sound, OGWZ Otaki Gorge, MLZ Mavora Lakes, MLZ Mavora Lakes, MLZ Mavora Lakes, HLOWZ Holdsworth Sta, SYZ Scudbury Hill, BRZ Mangatinioka R, WHZ Wether Hill R, WHZ Wether Hill R, BFZ Birch Farm, BFZ Birch Farm, DCZ Deep Cove, DCZ Deep Cove, ANWZ Anvora Road, NBZ Newall Road No, APZ The Paps, PRHZ Porangahau, PNZ Pukenui, VRZ Vera Road, PXZ Pawanui, KRHZ Kereru, FWZ Far West T-bar, KAHZ Kahurangi, WTVZ West Tongariro, BKZ Black Stump Fm, BKZ Black Stump Fm, HZH Hauiti, HZH Hauiti, ARHZ Aroapanui, URZ Urewera, OUZ Omahuta, STKA Stephens Creek, WBZ Warramunga Arr, WBZ comp=Z,2.6nm, WRAB Tennant Creek, WRAB comp=Z,1.1nm, KNRA Kununurra.

UPA 30 15:30:03.9:0.9, 7.98N:82.34W, h10km, 8km, MW4.0, South of Panama

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BCO2 Palmira, BCO2 0.76, BRU2 Volcan, BRU2 0.88, CHGR2 Aguacate, CHGR2 0.97, GML Guarumal, Vera, GML 1.12, CCAO EI Cacao, Vera, CCAO 1.60, AZU Azuero, AZU 2.06.

DDA 30 15:34:42.4:37.65N:34.72E, h7km, 2km, ML2.7, ISK 30 15:34:42.2:37.67N:34.73E, h5km, ML2.0/13

ISCBJ 30 15:34:43.1:0.4, 37.66N:0.03E:34.74E:0.05, h11km, Error ellipse: s-maj=5.7km s-min=3.6km az=2.2

IS 30 15:34:42.9:0.9, 37.66N:0.03E:34.72E:0.04, h11km, n24, r050/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GULE Gulek, GULE 0.38, NIG Nigde, NIG 0.45, KARA Karaisali, KARA 0.48, KERG Konya-Eregli, KERG 0.53, AKO Adana, AKO 0.61, YAHY Kayseri-Yahyalı, YAHY 0.67, DED Mersin, DED 0.70, MERS Mersin, MERS 0.81, SAIM Adana, SAIM 1.12, AVNS Nevsehir-Avano, AVNS 1.15, KRYS Karatas, KRYS 1.21, KIZK Mersin, KIZK 1.27, IKL Isikli, KEBE Keben-Mersin, KEBE 1.46, YAYX Yalyak, YAYX 1.46, BNN Bunyan, BNN 1.48, SEVE Serifkocikisa, SEVE 1.57, YERE Tevekkil-Mers, YERE 1.59, IKL Isikli, GULN Mersin, Gulnar, GULN 1.75.

UPA 30 15:34:53.2:1.2, 9.64N:83.81W, h0km, 5km, MW3.7, ISCBJ 30 15:34:54.0:0.8, 9.64N:0.05E:83.79W:0.04, h6km, 7km, Error ellipse: s-maj=10.9km s-min=4.3km az=35.3

UCR 30 15:34:54.1:1.5, 9.69N:83.77W:0.05, h5km, 5km, n17, r057/29, 2C-1D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like LCR2 La Lucha 2, CVTR Volcan Turrial, CVTR Volcan Turrial, SJS Escuela Geolog, SJS 0.37, HDC Heredia, HDC 0.46, SRA1 San Ramon, SRA1 0.80, ARE1 Arenal 1, ARE1 1.21, PTJ1 Puerto Jimenez, PTJ1 1.23, JTS Las Juntas de, JTS 1.30, BRU2 Volcan, BRU2 1.39.

30d 19h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like FLORES T-PHASE, GRACIOSA, CEDROS, etc.

ANF 30 18:54:25.91.3, 39.70N.121.00W, h1km, 7km, ML2.9/9, Error ellipse: s-maj=11.7km s-min=5.2km az=31.0

NCEDC 30 18:54:26.9.1.9, 39.89N.0.02:120.84W.0.03, h3km, 7km, ML3.1, ML3.1 (REN)

REN 30 18:54:26.6.1.9, 39.90N.0.03:120.83W.0.04, h9km, 6km NEIC 30 18:54:27.1.1.9, 39.86N.0.02:120.84W.0.01, h7km, 6km

ISC 30 18:54:26.7.1.1, 39.89N.0.02:120.85W.0.02, h6km, 11km, n154, 0.0977160, Northern California

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BEKR, BMRR, LOY, MGL, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LBPM, NMTT, GHTM, etc.

ISC/JB 30 19:15:38.4.0.3, 43.99N.0.03:105.21W.0.03, h7km, mb4.1/6, Error ellipse: s-maj=3.8km s-min=3.4km az=50.3

NEIC 30 19:15:39.4.1.5, 43.98N.0.05:105.22W.0.08, h0km, 2km, ML3.7/62

ISC 30 19:15:41.0.0.8, 44.28N.105.63W, h0km, mb4.0/6, mb1.4/113, mb1mx3.6/44, mbtmp3.9/13, ML3.7/5, Error ellipse: s-maj=17.8km s-min=7.2km az=143.0

ISC 30 19:15:39.7.0.6, 43.97N.0.06:105.29W.0.05, h7km, n89, 0.13787, mb4.3/6, Wyoming

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RSSD, PHWY, LMO, etc.

1546

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like FWLY, YNR, MOW, etc.

ISC/JB 30 19:26:07.9.1.1, 2.43N.0.07:95.83E.0.07, h10km, mb3.4/3, Error ellipse: s-maj=12.5km s-min=6.7km

ISC 30 19:26:08.7.3.4, 2.47N.96.05E, h0km, mb3.4/3, mb1.3/5.4, mb1mx3.2/26, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=117.8km s-min=28.2km az=61.0

DJA 30 19:26:11.7.1.4, 3.15N.5.96E.1.0, h18km, 4km, M3.4/7, ML3.4/7

ISC 30 19:26:10.1.1.4, 2.48N.0.08:96.0E.0.1, h10km, n15, 0.07412, mb3.5/3, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SNSI, MSLI, GSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songo Array.

MAN 30 19:30:33.1,9.87N,124.11E,h6km,mb4.5,ML3.3,MS3.2,3C-11 Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include LLP Lapu-Lapu, CGP Calapan, PLP Palo, RCP Roxas.

IDC 30 19:44:00.7,0.8,52.11N,169.57W,h0km,mb3.8/1.6,mb1.4,0/17,mb1mx3.9/4.0,mbtmp3.8/1.7,ML4.1/1,MS3.1/2,Ms1.3.1/2,ms1mx2.5/3.8,Error ellipse: s-maj=25.8km s-min=16.3km az=170.0

ISCJB 30 19:44:02.6,0.5,51.85N,0.05:169.38W,0.05,h30km,mb3.8/1.6,MS3.1/2,Error ellipse: s-maj=8.3km s-min=2.8km az=155.3

AEIC 30 19:44:04.2,0.5,1.97N,10.09:169.47W,0.09,h2km,mb5km,ML3.4

NEIC 30 19:44:06.2,1.8,52.07N,0.08:169.6W,0.1,h39km,8km,ISC 30 19:44:04.4,0.6,52.00N,0.08:169.30W,0.05,h30km,n97,az=196/91,mb3.8/1.6,Fox Islands

Main table for Mindanao stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include NIKH Nikolski High, OKSP Okmok Slepele, OKNT Okmok Mt. Tuli, OKNC Okmok New Cone, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, WRA Warramunga Arr, ESDC Sonseca Array, ESDC Sonseca Array, ASAR Alice Springs, ASAR Alice Springs.

ISCJB 30 19:52:08.4,0.4,24.19N,0.02:122.30E,0.02,h19km,4km,Error ellipse: s-maj=3.3km s-min=2.3km az=157.8

TAP 30 19:52:08.3,24.22N,122.23E,h12km,1km,ML2.9,CJMA 30 19:52:08.3,24.09N,122.27E,h32km,2km,ML2.2

ISC 30 19:52:08.3,0.9,24.16N,0.02:122.26E,0.02,h22km,7km,comp=Z,1.2nm,0.7s,baz=30,slow=4.8,SNR=22

Main table for Taiwan region stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include EOS1 EOI, ENA ENA, ENA ENA, TWC Suao, TWC Suao, NACB Natangchiao, NACB Natangchiao, TWD Chiawan, TWD Chiawan, etc.

Main table for various stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include YM11 YM11, YM11 YM11, YM05 YM05, YM05 YM05, YM04 YM04, YM04 YM04, etc.

ISCJB 30 19:56:31.6,0.6,18.88N,0.02:145.39E,0.03,h237km,5km,mb4.4/3.4,Error ellipse: s-maj=4.8km s-min=3.4km az=16.2

NEIC 30 19:56:33.0,1.1,18.90N,0.07:145.4E,0.1,h237km,6km,mb4.7/1.93

IDC 30 19:56:33.0,0.6,18.95N,145.46E,h241km,4km,mb3.9/2.5,mb1.4,0/30,mb1mx4.0/3.7,mbtmp4.5/3.0,Error ellipse: s-maj=12.4km s-min=6.5km az=90.0

ISC 30 19:56:31.5,0.5,18.93N,0.04:145.41E,0.07,h225km,4km,h225km,pp-P,n295,az=15/311,mb4.7/1.18,Mariana Islands

Main table for Mariana Islands stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include SARN Sarigan, ANA2 Anatahan, GUMO Guam, GUMO Guam, etc.

30d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H11S3 WAKE ISLAND, MANU Jayapura, and various other regional stations.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PSAB2, PSAC1, PSAA2, and various other regional stations.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FYU Fort Yukon, BKZ Black Stump Fm, and various other regional stations.

1553

B05A	Bryant	121.95	37	P	PKIKP	22 04 24.3 +1.1
E04E	Cinebar	122.41	39	P	PKIKP	22 04 25.2 +1.1
E101	Myrtle Point	122.88	43	P	PKIKP	22 04 26.2 +1.0
I03D	Drain, OR	123.07	42	P	PKIKP	22 04 26.9 +1.3
H04D	Lebanon	123.15	41	P	PKIKP	22 04 26.7 +1.0
K02D	Willamette Mer	123.24	44	P	PKIKP	22 04 27.2 +1.1
L02E	Cave Junction	123.48	44	P	PKIKP	22 04 27.4 +1.0
I04A	Tendick Farm,	123.66	42	P	PKIKP	22 04 27.7 +0.9
G05D	Wamic, OR	123.77	40	P	PKIKP	22 04 28.0 +1.1
J04D	Umpqua Nationa	124.08	43	P	PKIKP	22 04 28.9 +1.0
M02C	Callahan	124.29	45	P	PKIKP	22 04 29.0 +0.8
L04D	Klamath Falls	124.35	44	P	PKIKP	22 04 29.2 +0.8
N02D	Trinity Center	124.55	45	P	PKIKP	22 04 29.7 +1.0
PINE	Pine Mountain	124.63	42	P	PKIKP	22 04 30.8 +1.9
J05D	Fort Rock, OR	124.65	42	P	PKIKP	22 04 30.2 +1.3
O02D	Mt. Diablo Mer	124.78	46	P	PKIKP	22 04 30.5 +1.3
M04C	Maddoe	124.84	44	P	PKIKP	22 04 30.5 +1.1
NEW	Newport	124.86	35	P	PKIKP	22 04 30.3 +1.3
O03E	Paynes Creek	125.44	46	P	PKIKP	22 04 31.3 +0.8
M50	Missoula	127.45	35	P	PKIKP	22 04 34.6 +0.3
M50	Missoula	127.45	35	P	PKIKP	22 04 34.1 -0.3
MFID	Camas Ranch	128.10	40	P	PKPpdf	22 04 34.9 -0.2
KVN	Kaiserville	128.55	46	PKIKP	22 04 38.3 +1.4	
KVN	Kaiserville	128.55	46	PKIKP	22 04 38.3 +1.4	
NVAR	Mina Array Bea	128.66	47	PKP	22 04 37.9 +0.7	
NVAR	Mina Array Bea	128.66	47	PKP	22 04 38.5 +1.3	
EGMT	Eagleton	129.03	32	P	PKIKP	22 04 38.1 +0.6
CWC	Cottonwood Cre	129.60	49	P	PKIKP	22 04 40.0 +0.9
MPMC	Manual Prospec	130.19	49	P	PKIKP	22 04 41.1 +0.8
EDW2	Edwards Air Fo	130.25	51	P	PKIKP	22 04 41.0 +0.7
LRMC	Laurel Mtn Rad	130.26	50	P	PKIKP	22 04 40.6 +0.3
R11A	Troy Canyon, C	130.63	45	P	PKIKP	22 04 41.5 +0.5
TPNV	Topopah Spring	130.75	47	P	PKIKP	22 04 42.1 +0.8
G5C	Goldstone, Bar	130.99	50	P	PKIKP	22 04 42.5 +0.7
SHOC	Shoshone, Teco	131.16	49	P	PKIKP	22 04 43.1 +1.1
MURC	Murrieta	131.32	52	P	PKIKP	22 04 43.2 +0.8
DGCT	Dagmar	131.49	28	P	PKIKP	22 04 43.4 +1.1
HGEM	Hector, Ludlow	131.53	50	P	PKIKP	22 04 44.2 +1.3
DUG	Dugway, Tooele	131.66	42	P	PKIKP	22 04 43.8 +0.7
LAO	LASA Array	131.73	31	P	PKIKP	22 04 43.8 +0.9
GMRC	Granite Mounta	132.06	50	P	PKIKP	22 04 45.5 +1.5
BELO	Belle Mtn. Jos	132.10	51	P	PKIKP	22 04 45.4 +1.2
MONP2	Monument Peak	132.18	52	P	PKIKP	22 04 45.0 +0.5
BW06	Boulder Array	132.32	37	P	PKIKP	22 04 45.0 +0.5
PDAR	Pinedale Array	132.32	37	PKP	22 04 43.2 -0.1	
PKP	comp=2.1, 0nm, 0.5s, baz=109, slow=1.0, SNR=4.5				22 08 03.0 -2.0	
IKP	In-Ko-Pah, Jac	132.51	53	P	PKIKP	22 04 45.5 +0.6
BC3	Big Chuckawall	132.66	51	P	PKIKP	22 04 45.8 +0.6
SCHO	Schefferville,	133.19	356	PKP	22 04 44.2 -0.1	
ULM	Lac du Bonnet	133.58	21	PKP	22 04 45.2 +0.2	
ULM	comp=2.3, 4nm, 0.5s, baz=234, slow=1.2, SNR=5.5				22 08 06.8 -1.8	
MDND	Maddock	134.01	26	P	PKIKP	22 04 47.9 +0.9
RSSD	Black Hills	134.59	32	P	PKIKP	22 04 49.4 +0.4
N23A	Red Feather La	135.60	37	P	PKIKP	22 04 51.5 +0.3
EYMN	Ely	137.00	19	P	PKIKP	22 04 54.0 +0.6
EB8A	The Farm, Brul	138.15	20	P	PKIKP	22 04 55.3 -0.5
MAT0	Matagami	138.20	5	P	PKIKP	22 04 55.9 +0.1
CHG0	Chibougamau	138.26	2	P	PKIKP	22 04 56.3 +0.3
D41A	Chassel	138.69	17	P	PKIKP	22 04 57.2 +0.3
ANMO	Albuquerque	138.69	45	P	PKIKP	22 04 57.3 -0.2
ANMO	Albuquerque	138.69	45	PKIKP	22 04 57.0 -0.6	
LSQ0	Label-sur-Quev	138.96	5	P	PKIKP	22 04 57.6 +0.2
G39A	Holcombe	139.43	21	P	PKIKP	22 04 58.7 +0.2
BGNE	Belgrade	139.57	31	P	PKIKP	22 04 58.7 -0.2
E43A	Lone Tree Farm	139.76	16	P	PKIKP	22 04 59.6 +0.5
G40A	Rib Lake	139.78	20	P	PKIKP	22 04 59.9 +0.7
E44A	Grand Marais A	139.81	15	P	PKIKP	22 04 59.9 +0.7
D46A	Sault St. Mari	140.00	13	P	PKIKP	22 05 00.2 +0.6
D50A	G1974 Best Tow	140.50	8	P	PKIKP	22 05 00.2 -0.4
D51A	Lot 18 Range I	140.64	8	P	PKIKP	22 05 00.6 -0.3
F45A	CMU Biological	140.79	15	P	PKIKP	22 05 01.5 +0.2
LAT0	La Tuque	140.83	1	P	PKIKP	22 05 01.9 +0.6
D53A	Lac Vachiv, Po	140.85	6	P	PKIKP	22 05 01.5 +0.2
D52A	ZEK Kipawa Sen	140.87	7	P	PKIKP	22 05 01.7 +0.3
D54A	Lac Fusel, La	140.88	5	P	PKIKP	22 05 01.7 +0.3
D62A	Allapont, All	141.05	357	P	PKIKP	22 05 01.5 -0.2
E50A	Wahnapiitae	141.08	10	P	PKIKP	22 05 01.5 -0.3
D56A	ZEC Mazanza, M	141.11	3	P	PKIKP	22 05 01.5 -0.4
D58A	Chemin du LacG	141.12	1	P	PKIKP	22 05 02.0 +0.1
E51A	G1948 Merrick	141.17	8	P	PKIKP	22 05 02.1 +0.1
G46A	Petoskey	141.29	14	P	PKIKP	22 05 02.3 0.0
F48A	Evansville	141.31	12	P	PKIKP	22 05 02.3 0.0
G45A	Suttons Bay	141.35	15	P	PKIKP	22 05 02.4 -0.1
I42A	Drager Farm,	141.42	20	P	PKIKP	22 05 02.9 +0.3
F49A	Sandfield	141.49	11	P	PKIKP	22 05 03.0 +0.3
E54A	Lac Dapiat, Po	141.54	6	P	PKIKP	22 05 02.5 -0.3

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E53A	Dumoine, Ponti	141.54	6	P	PKIKP	22 05 02.9 +0.1
E56A	St. Veronique	141.59	3	P	PKIKP	22 05 03.2 +0.3
E55A	Leontine-Lytto	141.62	4	P	PKIKP	22 05 03.3 +0.4
E64A	Bridgewater	141.63	355	P	PKIKP	22 05 03.2 +0.3
E63A	Oxbow	141.67	356	P	PKIKP	22 05 03.6 +0.6
G47A	Hillman	141.67	13	P	PKIKP	22 05 03.3 +0.2
F51A	Arnstein	141.70	9	P	PKIKP	22 05 03.1 0.0
E61A	Lac Etchemin	141.77	358	P	PKIKP	22 05 03.4 +0.1
E58A	La Victoria	141.84	1	P	PKIKP	22 05 03.6 +0.2
E60A	Ste Agathe de	141.85	359	P	PKIKP	22 05 03.7 +0.3
F52A	Sundridge	141.91	8	P	PKIKP	22 05 03.9 +0.3
ALGO	Algonquin Park	141.92	7	P	PKIKP	22 05 03.4 -0.1
L40A	Anamosa	142.18	23	P	PKIKP	22 05 04.1 -0.1
KLBO	Killbear Provi	142.21	9	P	PKIKP	22 05 04.1 0.0
F64A	Sherman	142.22	356	P	PKIKP	22 05 04.0 -0.1
F61A	St Evariste	142.24	359	P	PKIKP	22 05 04.7 +0.5
BUKO	Buck Lake	142.25	8	P	PKIKP	22 05 04.1 -0.1
F60A	Warwick	142.25	360	P	PKIKP	22 05 04.1 -0.1
PEMO	Pembroke	142.28	6	P	PKIKP	22 05 04.2 -0.1
F63A	Nahmankanta, Br	142.43	357	P	PKIKP	22 05 04.4 -0.2
ALFO	Maxfield	142.52	3	P	PKIKP	22 05 04.7 -0.1
I48A	Sherman Twp	142.64	14	P	PKIKP	22 05 04.9 -0.2
ORIO	Orleans, Innes	142.65	4	P	PKIKP	22 05 05.0 -0.1
G53A	Haliburton	142.67	8	P	PKIKP	22 05 05.3 +0.2
K43A	Burlington	142.67	20	P	PKIKP	22 05 05.1 -0.1
G55A	Calabogie	142.75	5	P	PKIKP	22 05 05.2 -0.1
BMRO	Merriville Lake	142.77	11	P	PKIKP	22 05 04.8 -0.5
G59A	Princeton	142.81	355	P	PKIKP	22 05 05.1 -0.3
BANO	Bancroft	142.86	7	P	PKIKP	22 05 05.8 +0.3
G64A	Maxfield	142.86	356	P	PKIKP	22 05 05.3 -0.2
PKME	Peaks-Kenny Pk	142.88	357	P	PKIKP	22 05 05.3 -0.2
CPUV	Villa Florida	142.91	202	PKP	22 05 03.5 +0.5	
PLVO	Plevna	142.92	6	P	PKIKP	22 05 05.5 -0.1
G61A	St-Isidore-de-	142.94	359	P	PKIKP	22 05 05.3 -0.4
G62A	West of Eustis	142.98	358	P	PKIKP	22 05 05.4 -0.4
G63A	Kingsbury	143.04	357	P	PKIKP	22 05 05.8 -0.1
G59A	Clarenceville	143.13	1	P	PKIKP	22 05 05.9 -0.2
H66A	Whiting	143.20	354	P	PKIKP	22 05 06.2 0.0
H53A	Gobolaygeon	143.21	8	P	PKIKP	22 05 06.1 -0.2
BASO	Ashfield	143.25	12	P	PKIKP	22 05 06.4 +0.1
H55A	Tweed	143.40	6	P	PKIKP	22 05 06.4 -0.2
K46A	Dorr	143.49	17	P	PKIKP	22 05 06.8 -0.1
H63A	New Sharon	143.52	358	P	PKIKP	22 05 06.7 -0.1
LONY	Lake Ozonia	143.54	3	P	PKIKP	22 05 06.8 -0.2
H59A	Cadyville	143.55	2	P	PKIKP	22 05 06.9 0.0
J49A	Marlette	143.55	14	P	PKIKP	22 05 07.2 +0.2
I51A	Listowel	143.57	11	P	PKIKP	22 05 07.3 +0.3
TXAR	Lajitas Array	143.59	50	PKP	22 05 02.7 +1.0	
TXAR	Lajitas Array	143.59	50	PKHKK	22 04 58.0 -2.8	
TXAR	Lajitas Array	143.59	50	PKHKK	22 05 02.5	
TXAR	Lajitas Array	143.59	50	PKPpre	22 04 58.0 -2.8	
H60A	Morristown	143.66	1	P	PKIKP	22 05 07.7 +0.5
H61A	Lyndonville	143.69	360	P	PKPbc	22 05 02.1 +0.7
H58A	Gabriels	143.76	3	P	PKPbc	22 05 01.8 +0.2
K48A	Perry	143.84	15	P	PKPbc	22 05 02.2 +0.3
WMOR	Whitna Mounta	143.89	39	P	PKPbc	22 05 02.7 +0.4
M44A	Midewin, Midew	143.94	21	P	PKPbc	22 05 03.1 +0.9
K49A	Clarkson	144.02	14	P	PKPbc	22 05 03.0 +0.6
PECO	Prince Edward	144.03	6	P	PKPbc	22 05 02.5 +0.1
I63A	Otisfield	144.15	358	P	PKPbc	22 05 03.0 +0.3
I57A	Cartage	144.15	4	P	PKPab	22 05 02.1 -0.2
HDIL	Hopedale	144.21	23	P	PKPab	22 05 02.8 +0.1
K50A	Boothbay	144.23	13	P	PKPbc	22 05 03.5 +0.4
I64A	Boothbay	144.24	357	P	PKPab	22 05 02.5 -0.1
I61A	Oroboro, Fairl	144.29	0	P	PKPbc	22 05 03.2 -0.1
I62A	Tamworth	144.34	359	P	PKPab	22 05 03.1 +0.1
I62A	Tamworth	144.34	359	P	PKPbc	22 05 03.6 +0.3
I60A	Shoreham	144.36	1	P	PKPbc	22 05 03.1 0.0
I59A	Olmsteadville	144.39</				

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SSPA Standing Stone, 435B Jarrell, 054A Avella, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T58A Grand View Acr, T60A Surry, T59A Doolittle Far, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes stations like NEIC 30 22:00:44.0, JMA 30 22:00:44.0, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 1555-3000.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 2013 OCT.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 30d 22h.

30d 22h

TVAN	comp=E,98um,0.3s	IAML	22 40 43.0
TVAN	0.22 141 ePg	Pg	22 40 38.3 -0.3
ERCV	0.33 14 ePg	Pg	22 40 39.7 -0.7
ERCV	0.33 14 ePg	Pg	22 40 39.9 -0.7
ERCV	0.33 14 SG	Sg	22 40 45.6 +0.3
VMUR	0.39 42 i/P	Pb	22 40 41.1 -0.4
VMUR	i/S	Sb	22 40 47.8 -0.2
VMUR	IAML		22 40 48.0
VMUR	comp=N,35um,0.6s	IAML	22 40 49.0
VMUR	comp=E,30um,0.3s	IAML	22 40 49.0
VMUR	0.39 42 ePg	Pg	22 40 41.0 -0.6
GEVA	0.41 200 i/P	Pg	22 40 41.1 -0.7
GEVA	i/S	Sb	22 40 48.2 -0.2
GEVA	IAML		22 40 49.0
GEVA	comp=N,14um,0.7s	IAML	22 40 52.0
GEVA	comp=E,8um,0.3s	IAML	22 40 41.1 -0.7
ADCV	0.41 286 i/P	Pg	22 40 41.5 -0.4
ADCV	i/S	Sb	22 40 48.4 -0.1
ADCV	IAML		22 40 49.0
ADCV	comp=N,10um,0.2s	IAML	22 40 50.0
ADCV	comp=E,12um,0.2s	IAML	22 40 50.0
ADCV	0.41 286 ePn	Pg	22 40 41.4 -0.4
ADCV	0.42 208 ePg	Pg	22 40 41.2 -0.7
ADCV	0.42 208 PG	Pg	22 40 41.3 -0.7
ADCV	0.69 310 ePg	Pg	22 40 46.3 -0.8
ADCV	0.69 310 PG	Pg	22 40 43.3 -0.8
ADCV	0.69 310 SG	Sb	22 40 56.8 +0.2
ADCV	0.69 310 i/P	Pg	22 40 46.9 -0.2
ADCV	i/S	Sg	22 40 56.4 0.0
ADCV	IAML		22 41 03.0
ADCV	comp=N,5um,0.6s	IAML	22 41 04.0
ADCV	0.69 50 ePg	Pg	22 40 46.0 -1.1
ADCV	0.69 50 PG	Pg	22 40 46.0 -1.1
ADCV	0.69 50 SG	Sg	22 40 47.0 -0.5
ADCV	0.89 136 i/P	Pb	22 40 49.8 -0.7
ADCV	i/S	Sb	22 41 02.2 -0.1
ADCV	IAML		22 41 05.0
ADCV	comp=N,3um,0.8s	IAML	22 41 06.0
ADCV	0.89 136 ePg	Pb	22 40 49.7 -0.7
ADCV	0.92 23 i/P	Pb	22 40 49.5 -1.6
ADCV	i/S	Sb	22 41 02.5 -0.5
ADCV	IAML		22 41 15.0
ADCV	comp=N,2um,0.8s	IAML	22 41 23.0
ADCV	0.92 252 i/P	Pb	22 40 50.1 -1.0
ADCV	i/S	Sg	22 41 03.5 +0.2
ADCV	IAML		22 41 04.0
ADCV	comp=N,17um,0.7s	IAML	22 41 04.0
ADCV	0.92 252 ePg	Pb	22 40 50.1 -1.0
ADCV	0.95 262 ePg	Pb	22 40 50.4 -1.2
ADCV	0.95 262 PG	Pb	22 40 50.9 -0.7
ADCV	1.07 302 i/P	Pg	22 40 54.5 +0.4
ADCV	1.07 302 i/S	Pb	22 41 10.0 +1.4
ADCV	1.07 302 ePg	Pg	22 40 53.9 +0.3
ADCV	1.20 162 i/P	Pn	22 40 55.7 0.0
ADCV	i/S	Sb	22 41 13.8 +1.6
ADCV	IAML		22 41 17.0
ADCV	comp=N,2um,0.6s	IAML	22 41 21.0
ADCV	1.20 162 ePg	Pn	22 40 54.8 -0.9
ADCV	1.25 236 i/P	Pg	22 40 56.6 0.0
ADCV	i/S	Sb	22 41 13.4 -0.4
ADCV	IAML		22 41 19.0
ADCV	comp=N,3um,0.6s	IAML	22 41 23.0
ADCV	1.25 236 ePg	Pn	22 40 56.5 +0.2
ADCV	1.30 334 i/P	Pn	22 40 56.5 +0.3
ADCV	i/S	Sb	22 41 14.7 +0.3
ADCV	IAML		22 41 16.0
ADCV	comp=N,7um,0.7s	IAML	22 41 16.0
ADCV	1.30 334 ePg	Pn	22 40 56.9 -0.3
ADCV	1.34 29 i/P	Pn	22 40 57.4 -0.1
ADCV	i/S	Sg	22 41 17.5 +0.7
ADCV	IAML		22 41 22.0
ADCV	comp=N,1um,0.9s	IAML	22 41 32.0
ADCV	1.34 29 ePn	Pn	22 40 57.5 -0.1
ADCV	1.35 272 i/P	Pn	22 40 56.6 -1.1
ADCV	i/S	Sb	22 41 15.5 -0.1
ADCV	IAML		22 41 19.0
ADCV	comp=N,499nm,0.5s	IAML	22 41 22.0
ADCV	1.35 272 ePn	Pn	22 40 56.5 -1.1
ADCV	1.36 209 i/P	Pn	22 40 57.7 -0.2
ADCV	i/S	Sb	22 41 16.2 +0.5
ADCV	IAML		22 41 22.0
ADCV	comp=N,4um,1.2s	IAML	22 41 25.0
ADCV	1.36 209 ePn	Pb	22 40 58.4 -0.2
ADCV	1.39 143 i/P	Pg	22 40 58.3 +0.1
ADCV	i/S	Sg	22 41 18.4 +0.2
ADCV	IAML		22 41 25.0
ADCV	comp=N,2um,1.1s	IAML	22 41 28.0
ADCV	1.39 143 ePn	Pn	22 40 58.4 +0.1
ADCV	1.46 289 i/P	Pg	22 41 01.9 +0.4
ADCV	i/S	Sg	22 41 22.7 +2.1
ADCV	IAML		22 41 24.0
ADCV	comp=N,2um,0.8s	IAML	22 41 38.0
ADCV	1.46 289 ePn	Pg	22 41 01.4 -0.2
ADCV	1.46 289 PN	Pb	22 41 00.5 +0.2
ADCV	1.48 168 i/P	Pg	22 41 00.1 -0.4
ADCV	i/S	Sg	22 41 21.3 +0.2
ADCV	IAML		22 41 27.0
ADCV	comp=N,4um,0.8s	IAML	22 41 34.0
ADCV	1.48 168 ePn	Pb	22 41 00.1 -0.4
ADCV	1.48 168 PN	Pb	22 41 00.9 +0.3
ADCV	1.50 31 ePn	Pb	22 41 00.5 -0.4
ADCV	1.50 31 PN	Pb	22 41 00.6 -0.4
ADCV	1.62 50 ePn	Pb	22 41 03.0 +0.1
ADCV	1.62 50 P	Pb	22 41 03.1 +0.1
ADCV	IAML		22 41 27.0
ADCV	comp=N,4um,0.8s	IAML	22 41 34.0
ADCV	1.65 280 i/P	Sg	22 41 03.4 +1.7
ADCV	1.65 280 i/S	Sg	22 41 03.7 0.0
ADCV	1.65 280 ePn	Pb	22 41 25.6 -0.9
ADCV	1.65 280 ePn	Pb	22 41 03.5 -0.0
ADCV	1.68 321 ePn	Pb	22 41 03.1 -0.4
ADCV	1.68 321 PN	Pb	22 41 03.6 -0.4
ADCV	1.69 252 i/P	Pn	22 41 03.2 +0.9
ADCV	i/S	Sg	22 41 27.0 -0.9
ADCV	IAML		22 41 28.0
ADCV	comp=N,632nm,0.9s	IAML	22 41 31.0
ADCV	1.69 252 ePn	Pb	22 41 03.8 -0.3
ADCV	1.69 252 PN	Pb	22 41 03.9 -0.2
ADCV	1.69 323 i/P	Pg	22 41 28.3 +0.2
ADCV	i/S	Sg	22 41 32.0
ADCV	IAML		22 41 32.0
ADCV	comp=N,2um,1.3s	IAML	22 41 35.0
ADCV	1.72 4 i/P	Pg	22 41 04.2 -0.6
ADCV	i/S	Sb	22 41 30.5 +1.6
ADCV	IAML		22 41 33.0
ADCV	comp=N,1um,0.6s	IAML	22 41 37.0
ADCV	1.72 4 ePn	Pb	22 41 04.2 -0.6
ADCV	1.74 243 i/P	Pb	22 41 05.5 +0.5

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BTMNM	i/S	Sg	22 41 28.9 -0.6
BTMNM	IAML		22 41 31.0
BTMNM	comp=N,3um,0.7s	IAML	22 41 32.0
BTMNM	comp=E,3um,0.7s	IAML	22 41 32.0
BTMNM	1.74 243 ePn	Pb	22 41 04.7 -0.3
BTMNM	1.81 290 PN	Pb	22 41 06.0 -0.2
BTMNM	1.83 74 ePn	Pb	22 41 05.3 +1.1
BTMNM	1.83 74 P	Pb	22 41 05.4 +1.1
BTMNM	SNR=47		
BTMNM	1.86 38 PN	Pb	22 41 02.0 -0.3
BTMNM	1.86 38 P	Pb	22 41 06.2 -0.9
BTMNM	comp=E,26nm,0.3s,baz=268,slow=3.4,SNR=105		
BTMNM	1.86 38 PN	Pb	22 41 31.4
BTMNM	1.86 38 P	Pb	22 41 31.4
BTMNM	1.92 102 IAMB	IAMB	22 41 06.1 -1.0
BTMNM	1.92 102 IAMB	IAMB	22 41 06.5
BTMNM	comp=E,258nm,19.7s,baz=220,slow=42		
BTMNM	1.86 38 ePn	Pn	22 41 06.0 +1.2
BTMNM	1.86 38 ePn	Pn	22 41 06.1 +1.0
BTMNM	1.92 102 IAMB	IAMB	22 41 06.5
BTMNM	1.93 357 ePn	Pn	22 41 06.4 +0.8
BTMNM	1.93 357 ePn	Pn	22 41 07.0 +1.3
BTMNM	1.93 357 PN	Pn	22 41 07.0 +1.3
BTMNM	1.94 68 ePn	Pn	22 41 06.9 +1.2
BTMNM	1.94 68 P	Pn	22 41 06.9 +1.2
BTMNM	SNR=146		
BTMNM	1.93 357 ePn	Pn	22 41 33.9 +1.6
BTMNM	1.93 357 ePn	Pn	22 41 07.1 +0.7
BTMNM	1.93 357 ePn	Pn	22 41 36.9 -0.2
BTMNM	1.94 68 P	Pn	22 41 48.0
BTMNM	1.94 68 P	Pn	22 41 48.0
BTMNM	1.98 298 S	Sb	22 41 35.9 +1.6
BTMNM	1.98 298 S	Sb	22 41 36.9 -0.2
BTMNM	1.98 298 S	Sb	22 41 48.0
BTMNM	1.98 298 S	Sb	22 41 48.0
BTMNM	1.98 298 S	Sb	22 41 51.0
BTMNM	1.98 340 ePn	Pn	22 41 07.9 +1.4
BTMNM	1.98 340 PN	Pn	22 41 07.9 +1.4
BTMNM	2.01 8 i/P	Pb	22 41 09.7 +0.1
BTMNM	2.01 8 i/S	Sg	22 41 38.2 +0.2
BTMNM	2.01 8 i/S	Sg	22 41 50.0
BTMNM	2.02 279 PN	Pb	22 41 51.0
BTMNM	2.02 279 i/P	Pb	22 41 08.9 -0.8
BTMNM	2.02 279 i/P	Pb	22 41 11.1 +1.3
BTMNM	2.02 279 i/S	Sb	22 41 08.0 +1.1
BTMNM	2.02 279 i/S	Sb	22 41 33.8 -0.9
BTMNM	2.02 279 i/S	Sb	22 41 41.0
BTMNM	2.15 276 ePn	Pn	22 41 08.9 +0.2
BTMNM	2.17 83 ePn	Pn	22 41 10.2 +1.3
BTMNM	2.17 83 P	Pn	22 41 10.2 +1.3
BTMNM	2.17 83 P	Pn	22 41 10.2 +1.3
BTMNM	2.17 83 P	Pn	22 41 38.0 -1.0
BTMNM	2.38 101 ePn	Pn	22 41 12.5 +1.2
BTMNM	2.38 101 i/P	Pn	22 41 13.7 +1.8
BTMNM	2.38 101 i/S	Sb	22 41 44.7 -0.4
BTMNM	2.38 101 i/S	Sb	22 41 52.0
BTMNM	2.38 235 i/P	Pn	22 41 54.0
BTMNM	2.38 235 i/S	Sb	22 41 54.0
BTMNM	2.39 114 ePn	Pn	22 41 13.9 +1.8
BTMNM	2.42 313 i/P	Pn	22 41 17.5 +0.8
BTMNM	2.42 313 i/S	Sg	22 41 52.1 +0.8
BTMNM	2.42 313 i/S	Sg	22 41 54.0
BTMNM	2.42 313 i/S	Sg	22 41 54.0
BTMNM	2.47 333 i/P	Pn	22 42 03.0
BTMNM	2.47 333 i/P	Pn	22 41 13.9 +0.8
BTMNM	2.47 333 i/P	Pn	22 41 57.0
BTMNM	2.52 242 ePn	Pn	22 41 58.0
BTMNM	2.52 242 PN	Pn	22 41 58.0
BTMNM	2.54 253 PN	Pn	22 41 58.0
BTMNM	2.54 253 i/P	Pn	22 41 18.1 +2.1
BTMNM	2.54 253 i/S	Sb	22 41 15.6 +1.6
BTMNM	2.54 253 i/S	Sb	22 41 50.0 0.0
BTMNM	2.54 253 i/S	Sb	22 42 07.0
BTMNM	2.58 337 i/P	Pn	22 42 24.0
BTMNM	2.58 337 i/P	Pn	22 41 16.7 +2.1
BTMNM	2.58 337 i/P	Pn	22 42 03.0
BTMNM	2.60 333 i/P	Pn	22 42 07.0
BTMNM	2.60 333 i/P	Pn	22 41 17.0 +2.1
BTMNM	2.60 333 i/P	Pn	22 41 59.0
BTMNM	2.68 338 i/P	Pn	22 42 03.0
BTMNM	2.68 338 i/P	Pn	22 41 17.0 +0.9
BTMNM	2.68 338 i/P	Pn	22 42 01.0
BTMNM	2.72 4 PN	Pn	22 42 10.0
BTMNM	2.72 4 PN	Pn	22 41 18.8 +2.3
BTMNM	2.72 4 PN	Pn	22 41 17.9 +1.4
BTMNM	2.75 134 ePn	Pn	22 41 18.8 +1.9
BTMNM	2.75 134 ePn	Pn	22 42 06.4
BTMNM	2.78 305 i/P	Pn	22 41 19.1 +1.6
BTMNM	2.78 305 i/P	Pn	22 42 07.0
BTMNM	2.78 305 i/P	Pn	22 42 19.0
BTMNM	2.81 43 ePn	Pn	22 41 19.6 +1.9
BTMNM	2.81 43 P	Pn	22 41 19.7 +1.9
BTMNM	2.83 352 ePn	Pn	22 41 19.6 +1.5
BTMNM	2.83 352 ePn	Pn	22 41 20.8 +2.3
BTMNM	2.88 34 ePn	Pn	22 41 20.9 +2.3
BTMNM			

31d Oh

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, SNR=2.9, SNR=4.4).

2013 OCT

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, SNR=2.9, SNR=4.4).

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Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, SNR=2.9, SNR=4.4).

Table with columns for station code, name, frequency, and other details. Includes stations like UPC, Ulice, EDRB, BSZH, SRE, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like VAY, BBLS, BODT, HAPS, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like MSO, M04C, N02D, KMRM, etc.

31d 3h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like J58A Remsen, J58A Remsen, PLIO Pelee Island, etc.

2013 OCT

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like P50A Jamestown, O52A Adamsville, N55A Marion Center, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like T52A Hallie, R58A Rapidan, U50A Jamestown, etc.

Technical notes and data for station T52A, including coordinates, error ellipses, and moment tensor solution details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CN2 Changchun, CN2 Shenyang, SNY Shenyang, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KSRS, TJN, TIY, SONM, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like TARG, CMAR, BOOM, BROOM, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like BRTR, BRRR, BURAR, BURAR, etc.

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

ISCJB 31 04:12:25.4.0.6.9:65N:0.03:83:73W:0.03, h3km, 5km, Error ellipse: s-maj=7.3km s-min=2.7km az=135.1...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCR2, CVTR, EDLM, etc.

ISCJB 31 04:27:52.6.0.4.6:85N:0.03:73:11W:0.03, h161km, 3km, mb3.5/6, Error ellipse: s-maj=6.1km s-min=4.1km az=34.6...

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

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

DDA 31 04:48:40.6.35:76N:29:28E, h31km, 3km, ML2.8 Error ellipse: s-maj=5.9km s-min=4.8km az=15.7...

ISC 31 04:48:42.4.35:88N:29:24E, h2km, ML2.5/13 HLW 31 04:48:44.9.35:62N:29:28E, h33km, 32km, ML3.2

ISC 31 04:47:31.3.0.9:3575N:104:29:27E, h100km, n30, r1568/36, Eastern Mediterranean Sea

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

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

31d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSR Korea Array, XAN XAN XAN, BJT Shilong, etc.

NNC 31 04:58:06.2±1.2, 43.29N-81.09E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=10.2km s-min=4.0km az=145.0

SOME 31 04:58:01.6±1.1, 43.31N-81.03E, h0km

KRNET 31 04:58:21.9±0.1, 43.25N-80.30E, mb2.7

ISC 31 04:58:07.6±1.1, 43.31N-80.05E, h0.99E±0.06, h9km±1.1km, n42, ±212/67, 8C-12D, Kazakhstan-Xinjiang border

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

2013 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURS Kuram, PRZ Przewalsk, KAPS Kapalarasan, etc.

JMA 31 05:03:07.2±0.2, 37.47N×144.65E, h37km, M3.5, Off east coast of Honshu

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

ISCJB 31 05:13:57.8±0.3, 24.09S±0.03, 67.14W±0.03, h235km±2km, mb3.5/6, Error ellipse: s-maj=4.9km s-min=4.3km az=172.1

NEIC 31 05:13:59.2±0.2, 24.14S±0.04, 67.19W±0.10, h239km±9km

1572

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb4.3/53, ML4.3(GUC), SJA 31 05:14:00.4±0.7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KRVT Keravat, KRVT 17nm,0.3s, HNR Honiara, HNR Honiara, PMG Port Moresby, etc.

NCEDC 31 07:03:26.41.3, 38.84N, 0.02:122.83W, 0.04, h3km, 6km, Md2.9

NEIC 31 07:03:26.81.4, 38.82N, 0.02:122.82W, 0.07, h5km, 6km, Northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GDXM Geysers, GDXM Geysers, GCRM Castle Rock Sp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KUR07 Kurchatov Arra, KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

ISC/JB 31 07:56:13.2, 0.6, 22.89S, 0.08:177.1W, 0.1, h350km, Error ellipse: s-maj=12.9km, s-min=9.9km, az=20.3

NEIC 31 07:56:13.1, 1.7, 22.85S, 0.1:177.2W, 0.2, h331km, 14km, mb4.2/8

IDC 31 07:56:17.1, 10.0, 22.91S, 177.25W, h364km, 97km, mb3.2/4, mb1 3.4/5, mb1mx3.1/37, mb1mp3.9/5, Error ellipse: s-maj=93.9km, s-min=37.7km, az=151.0

ISC 31 07:56:14.6, 1.0, 23.05S, 0.0:177.1W, 0.2, h350km, n16, 0.076/16, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like RAO Raoul Island, NIUE Niue, DZM Mont Dzumac, etc.

KRNET 31 08:01:57.0, 8.1, 40.58N, 72.77E, h13km, mb2.8

SOME 31 08:02:02.1, 40.78N, 72.75E, h10km

NCC 31 08:02:02.3, 1.9, 40.77N, 72.73E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=15.8km, s-min=7.6km, az=173.0

ISC 31 08:01:56.3, 1.5, 40.55N, 72.84E, 0.03, h3km, 16km, n37, r154/61, 24C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ARSB Arslanbob, ARSB Arslanbob, ARK Arkit, etc.

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

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SANI Sanana, LUWI Luwuk, KCP Kadapawan, etc.

MDD 31 08:20:07.6:1.6,37.33N:13.78W,h0km,mb3.9/8, Error ellipse: s-maj=20.1km s-min=11.8km az=140.0, PRXIMO INMG 31 08:20:09.8:1.3,37.13N:14.12W,h10km,ML2.4, Error ellipse: s-maj=10.1km s-min=7.8km az=85.0, ISC 31 08:20:07.2:2.1,37.39N:0.07:13.7W:0.1, h10km, n36, c=201/53, Azores-Cape St. Vincent Ridge

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EADA 0.1nm,0.2s,SNR=7.9, EADA 0.2nm,0.1s,SNR=7.9, EADA 0.1nm,0.2s,SNR=7.9.

IDC 31 08:20:24.8:6.3,14.57S:174.84W,h0km,mb3.4/3, mb1 3.7/3,mb1mx3.4/3,mbtmp3.4/3,MS3.4/1,Ms1 3.4/1, ms1mx2.6/13, Error ellipse: s-maj=298.9km s-min=35.8km az=140.0, Samoa Islands region

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

NNC 31 08:35:40.4:3.7,40.99N:71.43E,h0km,mb3.3,mpv2.9, Error ellipse: s-maj=30.5km s-min=10.5km az=2.0, KRNET 31 08:35:41.9:0.1,41.27N:71.31E,h17km,mb2.3, SOME 31 08:35:42.3,41.08N:71.50E,h20km, ISC 31 08:35:42.5:1.6,41.21N:0.06:71.42E:0.03,h5km,14km, n22,c195/35,14C-3D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARK Arkit, ARS Arslanbob, ARK Arkit, etc.

KRAR 31 08:48:07.3:0.1,53.60N:87.76E,M2.6, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224P + CD-ROM, 2014)

ISC 31 08:48:11.6:2.9,53.44N:87.60E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=28.0km s-min=18.7km az=176.0, Suspected Mining explosion.

ISC 31 08:47:58.3:5.5,53.00N:0.2:87.6E:0.2,h0km,n3,c193/26, 6C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, MK31 Makanchi Array, etc.

IDC 31 08:50:24.5:3.5,18.38S:65.70E,h0km,mb3.7/5, mb1 3.8/5,mb1mx3.5/41,mbtmp3.7/5,MS3.7/2,Ms1 3.7/2, Error ellipse: s-maj=128.8km s-min=29.7km az=49.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08N3 Diego Garcia H, H08N1 Diego Garcia H, H08N2 Diego Garcia H, etc.

SJA 31 08:51:48.7:0.9,20.10S:70.59W,h25km,3km,ML3.9, MW3.8, GUC 31 08:51:49.5:0.9,20.07S:70.61W,h42km,2km,ML3.9, IDC 31 08:51:58.9:2.3,20.31S:69.89W,h91km,20km,mb3.3/3, mb1 3.5/2,mb1mx3.4/32,mbtmp3.7/6,MS3.0/6,Ms1 3.0/6, ms1mx2.9/13, Error ellipse: s-maj=36.3km s-min=15.9km az=92.0

ISC 31 08:51:47.7:1.1,20.08S:0.03:70.70W:0.08,h20km,6km, n32,c127/43,6C-1D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGCX Pisagua, PB11 IPOC Station P, etc.

Table with columns: DKL, Dikili, 1.34 266 PN, Pg, 10 36 35.9 -0.1, etc.

IDC 31 10:46:17.9e.1.5, 0:10S:97.29E, h0km, mb4.0/5, mb1 4.0/7, mb1 mx3.6/57, mbmp3.9/7, ML3.9/2, MS3.1/2, MS1 3.1/2, ms1mx2.7/35, Error ellipse: s-maj=45.9km s-min=19.2km az=66.0

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

ISC 31 10:46:21.3e.1.0, 0:03S:0.06E:97.26E:0.08, h25km, n34, e134/32, mb4.0/5, Southwest of Sumatera

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

ISC 31 10:57:52.2e.0.6, 3:29S:0.06E:140.09E:0.08, h54km, mb3.6/3, MS3.1/3, Error ellipse: s-maj=12.2km s-min=6.0km az=29.9

IDC 31 10:57:53.6e.1.2, 3:21S:140.13E, h54km, 17km, mb3.4/4, mb1 3.9/6, mb1mx3.5/31, mbmp3.9/6, ML4.2/2, MS3.2/5, MS1 3.2/5, ms1mx2.7/35, Error ellipse: s-maj=27.7km s-min=14.2km az=114.0

DJA 31 10:57:55.1e.0.7, 3:23S:141.0E, h36km, 14km, M4.2/5, mb4.0/2, MLV4.3/5

ISC 31 10:57:53.2e.0.8, 3:23S:0.06E:140.02E:0.08, h54km, n15, e284/18, mb3.7/3, MS3.3/3, Irian Jaya

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

IDC 31 11:14:16.6e.1.1, 10:06N:124.33E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/30, mbmp3.9/7, MS3.2/2, MS1 3.2/2, ms1mx2.8/28, Error ellipse: s-maj=67.4km s-min=19.9km az=64.0

Table with columns: LLP, Palo, 1.48 361eP, S, 11 14 33.2 0.0, etc.

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

WEL 31 11:28:01.1e.1.2, 3:35S:121.79E:2.2, h268km, 13km, M3.8/8, ML4.6/7, MLV3.8/8, Error ellipse: s-maj=0.0km s-min=0.0km az=111.5, South of Kermadec Islands

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

SOME 31 11:52:28.6, 44.75N:82.35E, h10km, NNC 31 11:52:35.8, 1.2, 44.77N:82.08E, h0km, mb3.5, mpv3.0, Error ellipse: s-maj=19.1km s-min=3.5km az=116.0

ISC 31 11:52:31.5e.1.6, 44.70N:0.06E:232.09E:0.09, h10km, n12, e165/24, 2C-4D, Northern Xinjiang

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

NIED 31 12:02:00.23:60N:121.40E, h32km, Mw6.2 Best double couple: M2:34000x1018 NP1:190.00000, 340.00000, 128.00000, NP2:78.00000, 872.00000, 127.00000

IDC 31 12:02:06.1e.0.3, 23:49N:121.54E, h0km, mb5.2/48, mb1 5.2/22, mb1mx3.2/25, mbmp5.2/52, ML4.2/4, MS6.1/39, MS1 6.1/39, ms1mx1.4/8, Error ellipse: s-maj=8.3km s-min=6.8km az=93.0

BUI 31 12:02:06.0e.0.0, 23:51N:121.44E, h11km, mb6.3/6, mb6.6/61, Ms6.8/90, Ms7 6.8/76

JMA 31 12:02:07.6e.0.2, 23:52N:121.51E, h15km, 5km, M6.5 JMA Felt I, J

ISC 31 12:02:08.0e.0.2, 23:53N:0.008E:121.47E:0.01, h23km, 1km, mb5.7/181, MS6.4/123, Error ellipse: s-maj=1.7km s-min=1.2km az=27.4

TAP 31 12:02:09.5, 23:57N:121.35E, h15km, ML6.4, B MOS 31 12:02:10.9e.0.9, 23:73N:121.48E, h33km, mb6.2/70, MS6.5/70, Error ellipse: s-maj=6.2km s-min=4.0km az=117.2

GCMT 31 12:02:12.7e.0.1, 23:64N:121.39E, h20km, MW6.3/143, Moment Tensor Solution. s140,c335, s143,c544; Duration: 3/4 Moment tensor: Scale 10^18Nm; M2:0.03e-02; M3:1.59e-01; M4:0.44e-02; M5:1.28e-04; M6:1.92e-01; M7:1.59e-01; Best double couple: M3:40800x1018 NP1:201.00000, 857.00000, 142.00000, NP2:285.00000, 856.00000, 139.00000, Principal axes: T 3.7930, Plg52.0000, Azm34.0000, N -0.7760, Plg38.0000, Azm32.0000, P -3.0220, Plg1.0000, Azm323.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

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

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

WHYI 31 12:02:09.3e.0.4, 23:54N:0.01E:121.46E:0.01, h15km, 1km, h15km:pp-P, n2001, e2004/1928, mb6.0/327, MS6.4/486, 152C-84D, Taiwan

31d 12h

TTN	baz=192	eS	Sb	12 02 36.5	-0.1	
WDLH	Douliu	0.86 280	↓P	Pg	12 02 25.2	-0.7
H	baz=279	eS	Sg	12 02 36.1	-1.2	
WHLH	WHLH	0.87 327	↓P	Pg	12 02 25.0	-1.2
WHP	Taichung City	baz=325	eS	Sg	12 02 36.7	-0.9
NNSB	Datong	0.88 356	↑P	Pg	12 02 25.2	-1.4
NNSB	baz=2.0	eS	Sg	12 02 37.1	-1.0	
NNS	Nan Shan	0.90 355	↑P	Pg	12 02 25.4	-1.4
NNS	baz=2.0	eS	Sg	12 02 37.8	-0.8	
CHN2	Minshiang	0.90 269	↓P	Pg	12 02 26.3	-0.6
CHN2	baz=268	eS	Sb	12 02 38.7	+0.1	
ENA	Nanau	0.92 16	↑P	Pg	12 02 25.2	-2.0
ENA	baz=23	eS	Sb	12 02 39.5	+0.4	
NANB	Nanau	0.92 17	↑P	Pg	12 02 25.1	-2.0
NANB	baz=23	eS	Sg	12 02 38.6	-0.7	
CHN1	Nanshi	0.93 248	↑P	Pg	12 02 26.6	-0.7
CHN1	baz=243	eS	Sb	12 02 39.3	0.0	
SGST	Jiashian	0.93 240	↑P	Pg	12 02 25.8	-1.5
SGST	baz=235	eS	Sb	12 02 39.3	0.0	
SLGT	Liugui	0.93 234	↓P	Pg	12 02 26.6	-0.7
SLGT	baz=229	eS	Sg	12 02 38.1	-1.3	
TWK	Hsinying	0.93 253	↑P	Pg	12 02 26.6	-0.9
TWK	baz=249	eS	Sg	12 02 38.3	-1.4	
TCU	Taichung	0.94 310	↓P	Pb	12 02 27.2	-0.1
SNST	Tainan City	0.94 250	↑P	Pg	12 02 26.7	-0.8
SNST	baz=246	eS	Sg	12 02 39.4	-0.5	
CHY	Chiayi	0.95 267	↓P	Pg	12 02 26.9	-0.8
CHY	baz=265	eS	Sg	12 02 39.2	-1.0	
WCHH	Zhanghua	0.98 303	↓P	Pb	12 02 27.6	-0.5
WCHH	baz=305	eS	Sb	12 02 41.2	+0.3	
TWQ1	Liyutan	1.02 322	↓P	Pb	12 02 28.4	-0.3
TWQ1	baz=326	eS	Sg	12 02 42.4	0.0	
ECL	Taimali	1.05 206	eP	Pb	12 02 26.1	-3.2
ECL	baz=200	eS	Sb	12 02 41.2	-1.6	
NDT	Datong Townshi	1.05 3	↑P	Pb	12 02 27.6	-1.8
NDT	baz=8.0	eS	Sb	12 02 43.0	0.0	
RLNB	Erlin	1.06 289	↓P	Pb	12 02 28.3	-1.2
RLNB	baz=290	eS	Sb	12 02 41.8	-1.5	
WLGB	Puzi	1.06 267	↓P	Pb	12 02 28.8	-0.7
WLGB	baz=265	eS	Sb	12 02 42.3	-1.0	
NSY	Sanyi	1.08 324	↓P	Pn	12 02 29.9	0.0
NSY	baz=328	eS	Sb	12 02 44.0	+0.2	
ENTT	Nioudou	1.10 5	↑P	Pb	12 02 28.1	-1.9
ENTT	baz=11	eS	Sg	12 02 44.4	-0.5	
WDJ	Dajia District	1.10 317	↓P	Pn	12 02 30.1	-0.1
WDJ	baz=320	eS	Sb	12 02 45.1	0.0	
SSD	Sandimen	1.10 224	↓P	Pb	12 02 28.3	-1.8
SSD	baz=219	eS	Sb	12 02 42.5	-1.7	
CHN3	Shinhua	1.11 245	eP	Pg	12 02 30.3	-0.4
CHN3	baz=242	eS	Sb	12 02 46.4	+1.1	
TWC	Suao	1.12 19	↑P	Pb	12 02 28.4	-2.0
TWC	baz=24	eS	Sb	12 02 46.1	+0.4	
YHNB	Yeheng	1.12 356	↑P	Pb	12 02 29.0	-1.6
YHNB	baz=1.0	eS	Sb	12 02 44.5	-0.6	
YHNB	baz=1.0	eS	Pb	12 02 30.0	-0.6	
YHNB	baz=223	Sg	Sb	12 02 43.2	-1.8	
WTCT	Ta-ch'eng	1.12 287	eP	Pb	12 02 29.1	-1.5
WTCT	baz=287	eS	Sb	12 02 43.9	-1.1	
NSK	Sanguang	1.13 355	↑P	Pb	12 02 29.2	-1.5
NSK	baz=1.0	eS	Sg	12 02 44.5	-0.7	
PTSB	Yuanli	1.13 323	↓P	Pb	12 02 30.8	-0.4
WSF	Szhu	1.14 275	eP	Pb	12 02 29.2	-1.5
WSF	baz=274	eS	Sb	12 02 44.4	-1.0	
NSTT	Nanjuang	1.16 339	↑P	Pb	12 02 30.9	-0.3
NSTT	baz=344	eS	Sb	12 02 45.8	-0.2	
CHN8	Yiju	1.16 261	↓P	Pb	12 02 30.3	-0.8
CHN8	baz=258	eS	Sb	12 02 45.8	-0.2	
NMLH	Miaoli	1.16 328	↓P	Pg	12 02 31.3	-0.5
NMLH	baz=332	eS	Sb	12 02 47.2	+0.5	
WMLT	Mailiao	1.16 283	eP	Pb	12 02 30.1	-1.0
WMLT	baz=283	eS	Sb	12 02 44.9	-1.2	
LIOB	Emei	1.17 340	↑P	Pb	12 02 31.0	-0.3
LIOB	baz=344	eS	Sb	12 02 46.3	0.0	
EOS1	EOS1	1.17 31	↑P	Pg	12 02 31.4	-0.6
EOS1	baz=36	eS	Sb	12 02 49.4	+2.4	
TWE	Neicheng	1.19 9	↑P	Pn	12 02 29.4	-2.0
TWE	baz=15	eS	Sg	12 02 47.7	+0.3	
TWMT	Shoushan	1.19 233	↓P	Pg	12 02 32.4	+0.1
TWMT	baz=223	eS	Pn	12 02 29.8	-1.8	
MASBT	Mashibulo	1.20 219	↓P	Pn	12 02 32.1	-0.6
MASBT	baz=215	eP	Pg	12 02 29.1	-2.8	
SLTB	Yuanshan	1.22 8	↑P	Pn	12 02 47.3	-0.4
SLTB	baz=13	eS	Sb	12 02 31.7	-0.1	
SCLT	Jiali	1.22 253	eP	Pn	12 02 48.8	+0.1
SCLT	baz=250	eS	Sg	12 02 30.8	-1.3	
NWLT	Wulai	1.23 2	↑P	Pn	12 02 30.8	-1.3
NWLT	baz=7.0	eS	Sb	12 02 48.0	0.0	

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NWLT	baz=7.0	eS	Sb	12 02 48.0	0.0	
TAI1	Yung-k'ang	1.24 246	eP	Pg	12 02 32.5	-0.7
TAI1	baz=243	eS	Sb	12 02 47.6	-0.6	
ILA	Ilan	1.25 12	eP	Pn	12 02 31.2	-1.0
ILA	baz=17	eS	Sg	12 02 50.3	+0.7	
EAST	Anshuo	1.28 206	eP	Pn	12 02 30.0	-2.9
EAST	baz=201	eS	Sg	12 02 50.9	0.0	
TAW	Tawu	1.29 204	eP	Pn	12 02 31.8	-1.0
TAW	baz=199	eS	Pg	12 02 34.4	0.0	
SNJT	Kaohsiung City	1.30 233	↓P	Pb	12 02 33.6	-0.2
SBCB	Hsinchu	1.32 341	↑P	eP	12 02 51.6	-0.3
SBCB	baz=345	eS	Sg	12 02 51.6	-0.3	
WLTB	Daxi	1.32 352	↑P	eP	12 02 33.5	-0.3
WLTB	baz=356	eS	Pb	12 02 34.0	-0.1	
HSN	Hsinchu	1.33 341	eP	Pb	12 02 52.3	0.0
HSN	baz=346	eS	Pn	12 02 32.4	-1.3	
NTC	Toucheng	1.35 15	↑P	eP	12 02 52.7	-0.2
NTC	baz=19	eS	Sg	12 02 33.3	-1.1	
SCZT	Fangliu	1.40 214	eP	Pn	12 02 53.6	-0.8
SCZT	baz=209	eS	Sg	12 02 33.8	-0.8	
NHDH	Xindian Distri	1.41 2	↑P	eP	12 02 53.5	+0.1
NHDH	baz=7.0	eS	Sb	12 02 34.0	-0.7	
TATO	Taipei	1.43 1	eP	Pn	12 02 33.9	-0.9
TATO	baz=5.0	eS	Pn	12 02 33.9	-1.0	
TATW	Taipei	1.43 1	eP	Pn	12 02 35.2	+0.2
TATW	baz=5.0	eS	Sg	12 02 55.7	-0.1	
KAU	Kaohsiung	1.44 228	eP	Pg	12 02 34.5	-0.5
KAU	baz=224	eS	Sg	12 02 56.0	+0.1	
NCUH	Zhongli	1.44 350	↑P	eP	12 02 33.8	-1.4
NCUH	baz=354	eS	Sb	12 02 54.6	-0.1	
NCU	National Center	1.44 350	eP	Pn	12 02 34.9	-0.7
NCU	baz=354	eS	Sg	12 02 56.9	-0.5	
TIPB	Shuangxi	1.46 13	↑P	eP	12 02 34.7	-0.9
TIPB	baz=17	eS	Sb	12 02 56.9	-0.5	
TAP	Taipei	1.49 2	eP	Pn	12 02 34.7	-0.9
TAP	baz=6.0	eS	Sg	12 02 34.7	-0.9	
TAP1	Taipei	1.49 2	eP	Pn	12 02 33.9	-1.9
TAP1	baz=6.0	eS	Sg	12 02 35.7	-0.6	
LAY	Lan-yu	1.50 177	eP	Pn	12 02 35.1	-0.8
LAY	baz=173	eS	Pn	12 02 35.5	-1.1	
TWB1	Sano Chiao	1.54 18	eP	Pn	12 02 58.8	-0.5
TWB1	baz=22	eS	Sg	12 02 35.5	-1.1	
NWF	Wu-fen Shan	1.55 11	eP	Pn	12 02 58.8	-0.5
NWF	baz=15	eS	Sg	12 02 35.5	-1.0	
WFSB	Wu-fen Shan	1.55 11	↑P	eP	12 02 58.9	-0.4
WFSB	baz=15	eS	Pg	12 02 38.5	-0.7	
WLCH	Liugui	1.55 220	eP	Pn	12 02 35.9	-0.6
WLCH	baz=216	eS	Sg	12 03 00.1	+0.7	
TWS1	Kuangyinshan	1.55 359	eP	Pn	12 02 35.6	-0.8
TWS1	baz=3.0	eS	Pg	12 02 38.9	-1.3	
TWP	Hsialuichui	1.56 220	eP	Pn	12 02 36.0	-1.3
TWP	baz=217	eS	Pn	12 02 37.1	-0.3	
YM01	YM01	1.60 4	eP	Pn	12 03 00.1	-1.3
YM01	baz=7.0	eS	Pn	12 02 37.7	+0.1	
YM10	YM10	1.61 3	↑P	eP	12 03 01.9	-1.1
YM10	baz=7.0	eS	Sg	12 02 36.7	-1.1	
NTST	Danshui	1.61 360	eP	Pn	12 03 00.9	-1.2
NTST	baz=3.0	eS	Sg	12 02 37.7	+0.1	
YM11	YM11	1.62 4	↑P	eP	12 03 01.9	-1.1
YM11	baz=7.0	eS	Sg	12 02 36.7	-1.1	
JYNG	Yonagunijimaku	1.63 56	↑P	eP	12 03 00.9	-1.2
JYNG	baz=7.0	eS	Sg	12 02 37.7	+0.1	
ANP	Anpu	1.64 2	eP	Pn	12 03 00.9	-1.2
ANP	baz=6.0	eS	Pb	12 02 40.2	+0.4	
HEN	Hengchun	1.67 204	eP	Pb	12 02 37.0	-1.2
HEN	baz=200	eS	Sb	12 02 58.5	-0.9	
WDGT	Dungji	1.68 261	↑P	eP	12 02 38.5	+0.2
WDGT	baz=259	eS	Sb	12 03 01.9	+0.7	
YOJ	Yonaguni jima	1.69 57	↑P	eP	12 02 38.6	+0.2
YOJ	baz=59	eS	Pb	12 02 38.5	+0.2	
YOJ	Yonaguni jima	1.69 57	↑P	eP	12 03 02.6	-1.2
YOJ	baz=59	eS	Pb	12 02 38.6	+0.2	
YOJ	Yonaguni jima	1.69 57	↑P	eP	12 02 38.5	-0.1
YOJ	baz=59	eS	Pb	12 02 38.7	+0.1	
TWKBT	Hengchun	1.70 201	eP	Pn	12 02 39.6	-1.0
TWKBT	baz=197	eS	Pb	12 02 38.2	-0.8	
TSEB	Hengchuen, Pin	1.71 198	eP	Pb	12 02 37.4	-1.5
TSEB	baz=195	eS	Pn	12 02 38.1	-1.1	
TWY	Chenhua	1.73 4	eP	Pn	12 02 59.8	-1.4
TWY	baz=8.0	eS	Pn	12 02 39.6	-1.0	
PHUB	Peng-hu	1.73 269	eP	Pn	12 02 38.1	-1.1
PHUB	baz=268	eS	Pn	12 02 39.6	-1.0	
PNG	Penghu	1.75 271	↑P	eP	12 02 39.6	-1.0
PNG	baz=270	eS	Pn	12 02 38.1	-1.1	
VCHM	Gimei	1.89 260	eP	Pn	12 02 39.6	-1.0
VCHM	baz=259	eS	Pn	12 02 39.9	-0.9	
PCYT	Pengchayiu	2.15 15	eP	Pn	12 02 44.3	-0.4
HATJ	Hateruma jima	2.21 76	↑P	eP	12 02 45.8	+0.3
HATJ	baz=17	eS	Pn	12 02 46.2	+0.5	
IRIF	Iriomote-Funau	2.22 69	↑P	eP	12 02 45.6	-1.6
IRIF	baz=17	eS	Pn	12 02 49.1	+0.5	
VWUC	VWUC	2.33 309	↑P	eP	12 02 49.1	+0.5
VWUC	baz=309	eS	Pn	12 02 32.2	+0.5	
JKRS	Kuro-shima	2.44 73	↑P	eP	12 02 47.9	-1.4
JKRS	baz=200	eS	Pn	12 03 17.8	-1.5	
PTTC	Pingtai	2.48 322	↑P	eP	12 02 50.6	-0.1
PTTC	baz=323	eS	Pn	12 02 49.3	-1.9	
JIJ	Ishigaki jima	2.59 71	↑P	eP	12 02 45.8	+0.3
JIJ	baz=323	eS	Pn	12 02 45.8	+0.3	
PTMZ	Houxiangcun	2.60 305	↑P	eP	12 02 45.8	+0.3
PTMZ	baz=306	eS	Pn	12 02 45.8	+0.3	
JISG	Ishigakijimahi	2.81 68	↑P	eP	12 02 53.7	0.0
JISG	baz=306	eS	Pn	12 02 53.7	0.0	
KNM	Kimmen	2.90 288	↑P	eP	12 02 55.2	+0.2
KNM	baz=287	eS	Pn	12 02 55.2	+0.2	
MATB	Ma-tsu	2.94 332	eP	Pn	12 02 30.9	+1.2
MATB	baz=333	eS	Pn	12 02 54.2	-1.5	
KNMB	Chin-men Tao	2.95 289	↑P	eP	12 02 54.2	-1.5
KNMB	baz=288	eS	Pn	12 02		

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Table with columns for station code, name, frequency, power, and signal quality. Includes stations like Sungai Darah, Talaya, Kaliangget, etc.

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Table with columns for station code, name, frequency, power, and signal quality. Includes stations like WMQ, KOLD, BOD, etc.

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Table with columns for station code, name, frequency, power, and signal quality. Includes stations like HYB, DHRM, KRVT, etc.

H1N3	WAKE ISLAND Hy 42.29 86	T	T	12 55 08.5
PALK	Pallekele 42.30 254	i/P	P	12 10 05.1 +2.3
PALK	Pallekele 42.30 254	eP	P	12 10 05.2 +2.3
PALK	comp=Z,262nm,1.5s		pmax	
PALK	comp=Z,57um,20.0s		MLR	
PALK	Pallekele 42.30 254	P	P	12 10 03.9 +1.0
PALK	comp=Z,39um,20.0s		IAMS_20	IAMS_20
TKM2	Tokmak 2 42.35 309	i/P	P	12 10 03.9 +0.7
TKM2	comp=Z,233nm,1.1s		pmax	
TKM2	Tokmak 2 42.35 309	P	P	12 10 03.9 +0.7
H11S3	WAKE ISLAND Hy 42.39 88	T	T	12 55 17.6
H11S1	WAKE ISLAND Hy 42.40 88	T	T	12 55 18.1
H11S2	WAKE ISLAND Hy 42.41 88	T	T	12 55 18.0
KZA	Kyzart 42.44 307	P	P	12 10 06.5 +2.4
KURK	Kurchatov 42.74 320	P	P	12 10 05.7 -0.3
KURK	SNR=208			
KURK	Kurchatov 42.74 320	i/P	P	12 10 06.0 0.0
KURK	comp=Z,259nm,1.3s		pmax	
KURK	Kurchatov 42.74 320	P	P	12 10 05.1 -0.8
KURK	comp=Z,327nm,1.1s		IAMB	
KURK	Kurchatov 42.74 320	ScP	P	12 15 49.5 +1.5
KURB8	Kurchatov Arra 42.76 320	ScP	P	12 10 05.6 -0.5
KURB8	comp=Z,114nm,1.1s,baz=118,slo=7.3,SNR=139		ScP	
KURB8	Karagaybulak 42.77 308	P	P	12 15 49.0 +1.4
COEN	Coen 42.90 148	IAMB	IAMB	12 10 18.9
CHMS	Chumysh 42.98 308	P	P	12 10 08.3 +0.2
UCH	Uchtor 43.00 307	P	P	12 10 10.0 +1.2
FRU1	Bishkek 43.03 308	IAMS_20	IAMS_20	12 28 06.1
AAK	Ala-Archa 43.09 308	P	P	12 10 09.7 +0.6
AAK	Ala-Archa 43.09 308	i/P	P	12 10 09.2 0.0
AAK	comp=Z,117nm,1.2s		pmax	
AAK	comp=Z,72um,15.0s		MLR	
AAK	Ala-Archa 43.09 308	P	P	12 10 09.8 +0.6
AAK	Ala-Archa 43.09 308	P	P	12 10 09.7 +0.6
AAK	Ala-Archa 43.09 308	IAMS_20	IAMS_20	12 27 53.6
SGDS	Sogindy 43.16 309	i/P	P	12 10 09.4 -0.1
SGDS	eS	S	S	12 16 39.0 +3.4
SGDS	eSS	ScS	ScS	12 20 06.5 -3.3
SGDS	eLR	LR	LR	12 30 11.0
NIL	Nilore 43.18 295	P	P	12 10 10.1 +0.3
NIL	comp=Z,249nm,1.2s		pmax	
NIL	Nilore 43.18 295	P	P	12 10 10.1 +0.3
NIL	Nilore 43.18 295	IAMS_20	IAMS_20	12 30 34.0
USP	Ospenwka 43.21 309	P	P	12 10 10.3 +0.3
AML	Almayashu 43.59 307	P	P	12 10 14.4 +1.0
EKS2	Erkin-Say 43.62 308	P	P	12 10 14.3 +1.0
BTLS	Baital 43.91 311	eP	S	12 10 15.1 -0.5
BTLS	eS	S	S	12 16 47.8 +1.4
BTLS	Baital 43.91 311	eP	S	12 10 15.0 -0.5
BTLS	eS	S	S	12 16 47.8 +1.4
MBWA	Marble Bar 44.47 182	P	IAMB	12 10 20.5 +0.4
MBWA	comp=Z,520nm,1.6s		IAMB	
SEY	Seymchan 44.49 20c	P	P	12 10 18.9 -0.9
SEY	comp=Z,39nm,1.2s,baz=206,slo=3.5,SNR=12			
POO	Poona 44.56 273	i/P	P	12 10 19.1 -0.8
POO	comp=Z,360nm,0.4s		pmax	
POO	comp=Z,942nm,1.8s		IAMB	
POO	ePPP	PPP	PPP	12 12 41.8
POO	iPS	SSS	SSS	12 17 00.2
POO	eSSS	SSS	SSS	12 20 56.7
PSAD1	Pilbara Seismi 44.76 182	P	IAMB	12 10 21.1 -1.3
PSAD1	comp=Z,492nm,1.2s		IAMB	
PSAC1	Pilbara Seismi 44.83 182	P	IAMB	12 10 20.7 -2.3
PSAC1	comp=Z,462nm,1.2s		IAMB	
PSAB2	Pilbara Seismi 44.85 182	P	IAMB	12 10 20.8 -2.5
PSAB2	comp=Z,395nm,1.1s		IAMB	
PSAC2	Pilbara Seismi 44.86 182	P	IAMB	12 10 20.9 -2.3
PSAC2	comp=Z,404nm,1.1s		IAMB	
PSAA2	Pilbara Seismi 44.86 182	P	IAMB	12 10 21.0 -2.8
PSAA2	comp=Z,409nm,1.1s		IAMB	
PSAB1	Pilbara Seismi 44.87 182	P	IAMB	12 10 21.4 -1.9
PSAB1	comp=Z,443nm,1.2s		IAMB	
PSA00	Pilbara Seismi 44.87 182	P	IAMB	12 10 20.4 -3.0
PSA00	comp=Z,364nm,1.1s		IAMB	
PSA00	Pilbara Seismi 44.87 182	P	IAMB	12 10 21.6 -1.8
PSA00	comp=Z,125nm,1.0s		IAMB	
PSAA1	Pilbara Seismi 44.88 182	P	IAMB	12 10 21.2 -2.2
PSAA1	comp=Z,423nm,1.1s		IAMB	
PSAA3	Pilbara Seismi 44.88 182	P	IAMB	12 10 21.6 -1.8
PSAA3	comp=Z,378nm,1.1s		IAMB	
PSAB3	Pilbara Seismi 44.89 182	P	IAMB	12 10 21.6 -1.9
PSAB3	comp=Z,422nm,1.1s		IAMB	
PSAD2	Pilbara Seismi 44.91 182	P	IAMB	12 10 21.5 -2.2
PSAD2	comp=Z,462nm,1.2s		IAMB	
PSAC3	Pilbara Seismi 44.92 182	P	IAMB	12 10 21.6 -2.2
PSAC3	comp=Z,346nm,1.1s		IAMB	
PSAD3	Pilbara Seismi 44.94 182	P	IAMB	12 10 21.6 -2.3
PSAD3	comp=Z,308nm,1.1s		IAMB	
WRA	Warramunga Arr 45.01 163	P	P	12 10 22.0 -2.5
WRA	comp=Z,9.8nm,0.5s,baz=344,slo=8.7,SNR=189		ScP	
WRA	comp=Z,4.1nm,1.1s,baz=342,slo=3.7,SNR=93		S	
WRA	Warramunga Arr 45.01 163	P	P	12 10 22.4 -1.8
WRA	comp=Z,4.7nm,1.2s,baz=345,slo=13,SNR=4.5		S	
WRA	Warramunga Arr 45.01 163	P	P	12 10 22.3 -0.5
WRA	comp=Z,13nm,1.2s		pmax	
WRA	Warramunga Arr 45.01 163	P	P	12 10 22.7 -1.8
WC3	Warramunga Arr 45.03 163	P	P	12 10 22.5 -2.2
TRD	Trivandrum 45.10 258	eP	P	12 10 31.4 +6.1
TRD	comp=Z,308nm,1.1s		IAMS_20	IAMS_20
BOM	Bombay 45.42 274	AMP		12 10 43.4
DZA	Taraz 45.43 308	eP	P	12 10 27.8 +0.1
DZA	Taraz 45.43 308	eP	P	12 10 27.8 +0.1
GOA	Goa 45.44 269	eP	P	12 10 29.4 +1.4
GOA	comp=Z,261nm,1.2s		IAMS_20	IAMS_20

BTk	Batken 45.47 304	P	P	12 10 28.0 -0.1
BTk	comp=Z,19um,17.4s		MLR	
BTK	Batken 45.47 304	P	P	12 10 28.0 -0.1
BTK	comp=Z,101um,18.0s		IAMB	
GAR	Garm 45.47 302	IAMB	IAMB	12 10 36.9
OTUK	Ortayu 45.82 315	P	P	12 10 30.8 +0.1
OTUK	comp=Z,387nm,1.1s		pmax	
KK31	Karatay Array 46.06 308	i/P	P	12 10 32.4 -0.3
KK31	comp=Z,70nm,0.9s		pmax	
KKAR	Karatay Array 46.06 308	P	P	12 10 32.0 -0.7
KKAR	Karatay Array 46.06 308	P	P	12 10 31.9 -0.7
BRZS	Berezniiki 46.07 318	i/P	P	12 10 31.9 -0.8
BRZS	comp=Z,1um,4.0s		eS	
BRZS	comp=Z,11um,11.6s		eLR	
BRZS	Berezniiki 46.07 318	i/P	P	12 17 23.2 +5.5
BRZS	eS	S	S	12 30 24.8
BRZS	Berezniiki 46.07 318	i/P	P	12 10 31.8 -0.8
BRZS	eS	S	S	12 17 23.2 +5.5
BRZS	comp=Z,1um,4.0s		pmax	
IUG	Iuzhnay 46.28 306	eP	P	12 10 34.6 0.0
IUG	comp=Z,11um,12.0s		eS	
IUG	Iuzhnay 46.28 306	eP	P	12 17 20.5 -0.7
IUG	eLR	LR	LR	12 32 49.7
IUG	Iuzhnay 46.28 306	eP	P	12 10 34.6 0.0
IUG	eS	S	S	12 17 20.4 -0.7
BRLS	Borolday 46.54 308	eS	S	12 17 31.1 +6.5
KBL	Kabul 46.66 296	P	P	12 10 39.3 +1.5
KBL	comp=Z,357nm,1.2s		pmax	
KBL	comp=Z,35um,22.0s		MLR	
KBL	Kabul 46.66 296	P	P	12 10 39.3 +1.5
KBL	comp=Z,357nm,1.2s		IAMB	
KBL	comp=Z,357nm,1.2s		IAMS_20	IAMS_20
TAS	Tashkent 46.75 305	P	P	12 31 48.7
TAS	comp=Z,35um,22.0s		pmax	
TAS	comp=Z,220nm,1.1s		MLR	
TAS	Tashkent 46.75 305	P	P	12 10 37.8 -0.3
TAS	comp=Z,47um,18.0s		MLR	
TAS	Tashkent 46.75 305	P	P	12 10 37.8 -0.3
TAS	comp=Z,220nm,1.1s		IAMB	
TAS	comp=Z,220nm,1.1s		IAMS_20	IAMS_20
BHUJ	Bhuj 47.32 281	eP	P	12 33 10.4
BHUJ	comp=Z,47um,18.0s		IAMB	
BHUJ	comp=Z,828nm,1.9s		IAMB	
BHUJ	comp=Z,828nm,1.9s		IAMS_20	IAMS_20
BRVK	Borovyoye 48.40 321	P	P	12 32 24.1
BRVK	comp=Z,41um,17.7s		IAMB	
BRVK	Borovyoye 48.40 321	i/P	P	12 10 50.4 -0.3
BRVK	SNR=196		pmax	
BRVK	Borovyoye 48.40 321	i/P	P	12 10 50.8 +0.1
BRVK	comp=Z,488nm,1.6s		pmax	
BRVK	comp=Z,20um,14.0s		MLR	
BRVK	Borovyoye 48.40 321	P	P	12 10 51.1 +0.4
BRVK	comp=Z,216nm,0.9s		IAMB	
ASAR	Alice Springs 48.46 165	P	P	12 10 51.1 +0.4
ASAR	comp=Z,31nm,1.1s,baz=341,slo=5.9,SNR=78		IAMB	
ASAR	comp=Z,4.5nm,1.0s,baz=348,slo=4.0,SNR=4.6		ScP	
ASAR	comp=Z,1.7nm,1.0s,baz=0.4,slo=26,SNR=2.7		S	
MNCI	Minicoy 48.71 260	IAMS_20	IAMS_20	12 16 15.0 +3.0
MNCI	comp=Z,34um,20.0s		S	
MNCI	Minicoy 48.71 260	eP	P	12 17 51.7 -0.4
MNCI	comp=Z,34um,20.0s		IAMS_20	IAMS_20
MNCY	Minicoy 48.74 260	eP	P	12 32 44.2
MNCY	comp=Z,6um,3.0s		IAMB	
HMDM	Hanimaadhooh 49.22 258	P	P	12 10 55.4 +1.6
CTA	Charters Tower 49.65 149	P	P	12 11 03.1
CTA	comp=Z,32nm,0.9s,baz=528,slo=10,SNR=9.6		IAMB	
HNR	Honiara 49.90 127	P	P	12 10 58.9 +1.3
HNR	comp=Z,907nm,1.3s		IAMB	
HNR	Honiara 49.90 127	eP	P	12 11 00.0 -0.6
HNR	Honiara 49.90 127	eP	P	12 11 04.0 +1.7
HNR	Honiara 49.90 127	P	P	12 11 09.4 +6.3
NRHK	Norfolk 50.08 345	P	P	12 10 09.4 +1.7
NRHK	comp=Z,27nm,0.7s,baz=143,slo=7.0,SNR=23		P	
NRHK	comp=Z,27nm,0.7s,baz=143,slo=7.0,SNR=23		LR	
NRHK	Norfolk 50.08 345	P	P	12 33 40.0
BILL	Bilbino 52.20 20c	eP	S	12 11 17.9 -1.4
BILL	comp=Z,28um,18.4s,baz=148,slo=38		eP	
BILL	Bilbino 52.20 20c	eP	S	12 11 28.0 +2.1
BILL	comp=Z,51um,16.0s		S	
BILL	Bilbino 52.20 251	P	P	12 12 33.7
BILL	comp=Z,279nm,1.0s		S	
BILL	Bilbino 52.20 251	P	P	12 13 25.0
BILL	comp=Z,104nm,1.4s		S	
BILL	Bilbino 52.20 251	P	P	12 18 40.0 -3.2
BILL	comp=Z,51um,16.0s		e	
BILL	Bilbino 52.20 251	P	P	12 21 01.0
BILL	comp=Z,104nm,1.4s		pmax	
BILL	Bilbino 52.20 251	P	P	12 11 18.2 -1.1
BILL	comp=Z,51um,16.0s		MLR	
BILL	Bilbino 52.20 251	P	P	12 11 20.2 -0.3
BILL	comp=Z,216nm,1.2s		IAMB	
BILL	Bilbino 52.20 251	P	P	12 11 52.3
BILL	comp=Z,29um,20.0s		IAMS_20	IAMS_20
KAAM	Kaadhehdoo 54.07 315	i/P	P	12 32 26.0
KAAM	comp=Z,406nm,1.8s		IAMS_20	IAMS_20
AB31	Akbulak array 54.07 315	i/P	P	12 11 32.6 -0.7
AB31	comp=Z,29um,20.0s		pmax	
AB31	Akbulak array 54.07 315	P	P	12 11 33.0 -0.3
AB31	comp=Z,183nm,0.8s		IAMB	
AB31	Akbulak array 54.07 315	IAMB	IAMB	12 11 43.4
AB31	comp=Z,279nm,1.0s		P	
FORT	Forrest 54.38 173	P	P	12 11 35.0 -0.7
FORT	comp=Z,317nm,1.0s		IAMB	
ADK	Adak 54.55 42	P	P	12 11 46.0
ADK	comp=Z,317nm,1.0s		pmax	
ADK	Adak 54.55 42	P	P	12 11 36.9 +0.1
ADK	comp=Z,216nm,1.2s		pmax	
ADK	Adak 54.55 42	P	P	12 11 36.9 +0.1
ADK	comp=Z,216nm,1.1s		IAMB	
SVE	Sverdlövsk 54.71 324	eP	P	12 11 49.6
SVE	comp=Z,216nm,1.1s		IAMB	
SVE	Sverdlövsk 54.71 324	eP	P	12 11 37.1 -0.7
SVE	comp=Z,5um,10.9s		eS	
SVE	Sverdlövsk 54.71 324	eP	P	12 13 41.5
SVE	comp=Z,5um,10.9s		S	
SVE	Sverdlövsk 54.71 324	eP	P	12 19 13.5 -4.0
SVE	comp=Z,5um,10.9s		e	
SVE	Sverdlövsk 54.71 324	eP	P	12 21 22.1
SVE	comp=Z,5um,10.9s		pmax	
SVE	Sverdlövsk 54.71 324	eP	P	12 11 36.9 +0.1
SVE	comp=Z,652nm,1.6s		pmax	
SVE	Sverdlövsk 54.71 324	eP	P	12 11 36.9 +0.1
SVE	comp=Z,49um,13.0s		MLR	
SVE	Sverdlövsk 54.71 324	eP	P	12 11 36.9 +0.1
SVE	comp=Z,49um,13.0s		MLR	

SIM	Simferopol'	71.95 312d	P	12 13 32.8	+0.5
SIM		e		12 16 14.0	
SIM		ePPP	PPP	12 17 56.0	
SIM	comp=Z,4um,8.2s	pmax	pmax		
SIM	comp=Z,2um,9.9s	MLR	MLR		
HCB	Kahramanmara	71.98 303	I P	12 13 32.8	+0.1
HCB		IAML_P			
KUZU	Kuzuini	72.01 303	I P	12 13 32.4	-0.5
KUZU		IAML_P			
DIKM	Dikmen	72.03 308	I P	12 13 33.2	+0.3
DIKM		mb		12 13 43.6	
DIKM	Eagle	72.04 27	I Amb	12 13 46.6	
EGAK		comp=Z,276nm,1.2s	IAMS_20	IAMS_20	12 49 37.9
VRDI	Verde Repeater	72.05 30	I Amb	I Amb	12 13 44.4
VRDI		comp=Z,298nm,1.3s			
FIAT	FINESS Array S	72.12 330	I Amb	I Amb	12 13 47.1
FIAT		comp=Z,407nm,1.5s			
FINES	FINESS Array B	72.12 330	P	12 13 32.5	-0.5
FINES		comp=Z,12nm,0.6s,baz=49,slow=5.7,SNR=44			
FINES		LR		12 49 03.6	
FINES	comp=Z,23um,1.8s,baz=71,slow=35				
FINES	FINESS Array B	72.12 330	P	12 13 32.6	-0.4
MCARA	McCarthy VSAT	72.20 30	IAMS_20	IAMS_20	12 46 13.6
MCARA		comp=Z,14um,22.0s			
KAMA	Osmanlye	72.21 303	I P	12 13 33.9	-0.2
KAMA		IAML_P			
SUCK	Suckling Hills	72.22 32	IAMS_20	IAMS_20	12 47 11.9
SUCK		comp=Z,13um,21.0s			
CRQM	Cirque	72.23 31	IAMS_20	IAMS_20	12 45 48.5
CRQM		comp=Z,17um,20.0s			
ANDN	Andirin	72.34 304	I P	12 13 32.0	-3.0
ANDN		IAML_P			
SEVA	Sevastopol	72.36 311	I P	12 13 34.8	0.0
SEVA		mb		12 13 52.6	
TRO	Tromso	72.40 339	eP	12 13 36.7	+2.1
TRO		IvMv_BB		12 13 40.0	
TRO		comp=Z,4um,5.7s			
TRO		eS	S	12 23 00.5	+3.1
TRO		IvMs_BB	IvMs_BB	12 49 51.3	
TGL	Tana Glacier	72.47 31	I Amb	I Amb	12 13 46.6
TGL		comp=Z,284nm,1.2s			
TGL		comp=Z,15um,21.0s	IAMS_20	IAMS_20	12 44 19.8
WAX	Waxell Ridge	72.55 31	IAMS_20	IAMS_20	12 45 39.8
WAX		comp=Z,16um,18.0s			
COAL	Corum-Alaca	72.61 307	I P	12 13 36.1	-0.5
COAL		IAML_P			
BALM	Baldy	72.62 30	I Amb	I Amb	12 13 53.0
BALM		comp=Z,236nm,1.4s	IAMS_20	IAMS_20	12 44 14.6
CTAK	Corum_Osmancik	72.64 307	I P	12 13 35.6	-1.2
CTAK		IAML_P			
VSU	Vasula	72.65 327	eP	12 13 34.7	-1.5
VSU		I Amb	I Amb	12 13 51.3	
BZK	Bzkort	72.84 309	I P	12 13 38.4	+0.7
BZK		mb		12 13 47.8	
DAWY	Dawson	72.99 27	I Amb	I Amb	12 13 52.7
MESA	MESA	73.06 31	IAMS_20	IAMS_20	12 51 53.3
MESA		comp=Z,232nm,1.2s			
AKO	Adana	73.06 304	I P	12 13 39.0	-0.2
AKO		IAML_P			
YAH	Yahste	73.10 31	IAMS_20	IAMS_20	12 47 49.4
YAH		comp=Z,15um,19.0s			
CTGM	Chitina Glacie	73.11 30	I Amb	I Amb	12 13 54.9
CTGM		comp=Z,271nm,1.1s			
CTGM		IAMS_20	IAMS_20	12 44 30.1	
AVNS	Neveshir-Avano	73.12 305	I P	12 13 38.9	-0.7
AVNS		IAML_P			
MICGM	Minsk	73.19 323j	eP	12 13 38.0	-1.5
MICGM		PM		12 13 40.0	
MICGM		comp=Z,0.7nm,1.0s			
MICGM		comp=Z,1.1nm,5.0s			
MICGM		ePP	PP	12 16 18.0	-4.2
MICGM		ePPP	PPP	12 18 14.0	
MICGM		eS	S	12 23 04.0	-2.9
MICGM		eSS	SS	12 23 05.0	-1.4
MICGM		eSSS	SSS	12 27 29.0	-1.9
MICGM		eLQ	LQ	12 30 48.0	
MICGM		eLR	LR	12 39 04.0	
MICGM		eLR	LR	12 41 10.0	
MICGM		LRM	MLR	12 49 03.0	
MICGM		comp=Z,50nm,14.0s			
MICGM		comp=Z,53nm,16.0s	LRM	MLR	12 49 04.0
MICGM		comp=E,36nm,16.0s	LRM	MLR	12 49 12.0
MICGM		comp=E,32nm,16.0s	LRM	MLR	12 49 12.0
MICGM		comp=N,14nm,15.0s	LRM	MLR	12 49 12.0
MNK	Minsk	73.19 323j	eP	12 13 38.0	-1.5
MNK		eS	S	12 16 18.0	
MNK		pmax	pmax	12 23 04.0	-2.9
MNK		comp=Z,680nm,1.0s	MLR	MLR	12 49 12.0
MNK		comp=Z,11um,5.0s			
MNK		comp=Z,50um,14.0s			
CDAG	Cicekdag	73.24 306	I P	12 13 37.8	-2.4
CDAG		IAML_P			
EPYK	Eagle Plains	73.28 24	P	12 13 38.3	-1.6
EPYK		baz=290			
EPYK	Eagle Plains	73.28 24	I Amb	I Amb	12 13 53.8
EPYK		comp=Z,303nm,1.1s			
ILGA	Ilgaz	73.31 308	I P	12 13 41.6	+0.9
ILGA		IAML_P			
ILGA		comp=Z,277nm,0.1s			
ILGA		comp=Z,202nm,1.4s	IAMS_20	IAMS_20	12 51 12.4
OPA	Opana	73.36 73	IAMS_20	IAMS_20	12 39 05.5
OPA		comp=Z,13um,18.0s			
KIP	Kipapa	73.44 73	P	12 13 42.2	+0.6
KIP		pmax	pmax		
KIP	Kipapa	73.44 73	I P	12 13 42.2	+0.6
KIP		comp=Z,17um,22.0s	IAMS_20	IAMS_20	12 39 52.8
DELI	KIRIKKALE	73.47 307	I P	12 13 41.0	-0.6
DELI		IAML_P			
ASF	Jabal al Asfar	73.49 298	P	12 13 43.1	+1.3
HON	Honolulu	73.49 74	IAMS_20	IAMS_20	12 39 32.0
HON		comp=Z,19um,22.0s			
TOTH	TOTAH	73.50 300	eP	12 13 42.7	+0.8
AKASG	Malin Array Be	73.51 318	P	12 13 39.9	-1.6
AKASG		comp=Z,25nm,1.0s,baz=59,slow=6.0,SNR=46	PP	12 16 29.7	+4.6
AKASG		comp=Z,13nm,1.0s,baz=63,slow=7.9,SNR=3.3			
AKBB	Malin Array Si	73.51 318	I Amb	I Amb	12 13 55.2
AKBB		comp=Z,376nm,1.6s	IAMS_20	IAMS_20	12 47 58.1
QASN	Qassioun	73.57 300	eP	12 13 43.4	+1.1
HWQ	Hawqa	73.61 301	eP	12 13 42.2	-0.3
GULE	Gulek	73.62 304	I P	12 13 42.4	-0.2
GULE		IAML_P			
NACGM	Naroch	73.68 323	eP	12 13 40.0	-2.4
NACGM		eP	P	12 13 41.0	-1.4
NACGM		ePP	PP	12 16 18.0	-8.3
NACGM		ePPP	PPP	12 18 12.0	

NACGM		eS	SKIKP	12 23 08.0	-3.8
NACGM		eSS	SS	12 27 45.0	-1.0
NACGM		eSSS	SSS	12 31 36.0	
NACGM		eLQ	LQ	12 39 38.0	
NACGM		eLR	LR	12 42 56.0	
NACGM		LRM	MLR	12 48 24.0	
NACGM	comp=N,26nm,16.0s	LRM	MLR	12 48 45.0	
NACGM	comp=E,20nm,16.0s	LRM	MLR	12 48 50.0	
NACGM	comp=Z,49nm,18.0s	LRM	MLR	12 48 50.0	
ELDT	Eldivan	73.68 307	I P	12 13 41.8	-1.2
ELDT		IAML_P			
DED	Mersin	73.70 304	I P	12 13 42.7	-0.2
DED		IAML_P			
IZAR	Zarasai	73.71 324	eP	12 13 41.3	-1.2
IZAR		I Amb	I Amb	12 13 56.7	
INK	Inuvik	73.72 22	P	12 13 41.0	-1.3
INK		comp=Z,230nm,1.2s			
INK		comp=Z,15nm,0.7s,baz=292,slow=9.8,SNR=18	PP	12 16 27.5	+1.2
INK		comp=Z,17nm,1.1s,baz=298,slow=4.1,SNR=2.9	LR	12 48 50.7	
INK	Inuvik	73.72 22	I Amb	I Amb	12 13 56.4
INK		comp=Z,309nm,1.1s			
INK	Inuvik	73.72 22	IAMS_20	IAMS_20	12 47 37.3
INK		comp=Z,19um,18.0s			
KIRS	Kirehir-Merke	73.72 306	I P	12 13 41.1	-2.0
KIRS		IAML_P			
BR131	Heskin Array S	73.75 307	P	12 13 42.5	-0.9
BR131		SNR=109			
BR131	Heskin Array S	73.75 307	I Amb	I Amb	12 14 03.4
BR131		comp=Z,18nm,1.6s			
BRTR	Keskin Array B	73.75 307	P	12 13 42.7	-0.7
BRTR		comp=Z,26nm,1.0s,baz=108,slow=6.0,SNR=60	PP	12 16 32.1	+4.5
BRTR		comp=Z,12nm,1.1s,baz=79,slow=7.8,SNR=2.8	LR	12 52 08.7	
BRTR	Keskin Array B	73.75 307	P	12 13 42.3	-1.0
BRTR		comp=Z,8um,18.9s,baz=54,slow=41			
BRTR	Keskin Array B	73.75 307	P	12 13 42.3	-1.0
BRTR		comp=Z,26nm,1.0s			
ISAL	Salakas	73.83 324	eP	12 13 42.5	-0.7
ISAL		I Amb	I Amb	12 13 58.1	
IGN	Ignalina	73.85 324	eP	12 13 42.4	-0.9
IGN		comp=Z,180nm,1.4s	I Amb	12 13 58.5	
BRBR	Barbar	73.87 300	eP	12 13 45.0	+0.8
BRBR		comp=Z,14um,19.0s	IAMS_20	IAMS_20	12 48 23.3
PCA	Pinnacle	73.89 301	IAMS_20	IAMS_20	12 48 23.3
BHL	Bhannes	73.95 300	eP	12 13 43.9	-0.6
BHL		comp=Z,17nm,0.1s			
AKSY	AKSARAY - Altı	73.98 306	I P	12 13 42.8	-1.9
AKSY		IAML_P			
SHBL	Shybaa	74.05 300	eP	12 13 44.0	-1.2
SHBL		comp=Z,17nm,0.1s			
HSJU	Hizir	74.08 298	P	12 13 50.9	+5.7
KERG	Konya-Eregli	74.08 304	I P	12 13 43.8	-1.5
KERG		IAML_P			
KERG		comp=Z,24nm,0.0s			
KSDI	Kefar Szold	74.17 300	P	12 13 47.3	+1.6
KSDI		comp=Z,145nm,1.9s			
BBAL	Babal	74.19 307	I P	12 13 45.6	-0.3
BBAL		comp=Z,4um,0.1s			
SHMJ	Shamir	74.23 299	P	12 13 48.4	+2.3
BCPM	Bancas Point	74.23 31	IAMS_20	IAMS_20	12 46 39.3
BCPM		comp=Z,12um,19.0s			
STEI	Steigen	74.28 338	eP	12 13 45.2	-0.4
STEI		IvMs_BB	IvMs_BB	12 23 20.9	+2.1
STEI		comp=Z,26um,12.6s			
ANTO	Ankara	74.33 307	P	12 13 46.2	-0.4
ANTO		SNR=45			
ANTO	Ankara	74.33 307	P	12 13 46.2	-0.4
ANTO		comp=Z,156nm,1.0s			
ANTO	Ankara	74.33 307	P	12 13 46.2	-0.4
ANTO		comp=Z,9um,19.0s			
ANTO	Ankara	74.33 307	I P	12 13 46.0	-0.7
ANTO		comp=Z,156nm,0.9s			
ANTO	Ankara	74.33 307	I P	12 13 46.0	-0.7
ANTO		comp=Z,156nm,0.9s			
KIZK	Mersin	74.35 303	I P	12 13 45.6	-1.0
KIZK		comp=Z,336nm,0.2s			
BR231	Keskin HP Arra	74.35 307	I Amb	I Amb	12 14 11.5
BR231		comp=Z,12um,0.9s			
CMDR	Camlidere-ANKA	74.38 308	I P	12 13 45.8	-1.2
CMDR		comp=Z,3um,0.6s			
SWQJ	Swaga	74.45 298	P	12 13 48.6	+1.1
SWQJ		comp=Z,259nm,1.6s			
KKUL	Konya-Kulu	74.45 306	I P	12 13 45.2	-2.2
KKUL		comp=Z,66nm,0.0s			
WALU	Wala	74.55 298	P	12 13 48.9	+1.0
WALU		comp=Z,197nm,0.9s			
BCAM	Yenicaga	74.57 308	I P	12 13 47.4	-0.6
BCAM		comp=Z,139nm,0.0s			
MMLI	Mount Malkishu	74.59 299	P	12 13 49.3	+1.1
MMLI		comp=Z,166nm,1.3s			
EREN	Erenkoy	74.62 302	I P	12 13 46.7	-1.5
EREN		comp=Z,225nm,0.1s			
A36M	Sachs Harbour	74.66 17	P	12 13 46.2	-1.6
A36M		baz=299			
LOF	Lofoten	74.78 338	eP	12 13 50.8	+2.2
LOF		IvMv_BB		12 13 53.0	
LOF		comp=Z,4um,7.2s			
LOF		ePP	PP	12 16 35.7	+0.3
LOF		eS	S	12 23 22.5	-1.9
LOF		IvMs_BB	IvMs_BB	12 51 18.6	
SORM	Soroca	74.83 316	I P	12 13 49.2	-0.1

DID	Didima	82.16	307	P	P	12 14 33.5	+3.5
BBL5	Lazi#263;i	82.20	314	eP	P	12 14 29.4	-0.7
AGG	Agios Georgios	82.20	309	Iamb	Iamb	12 14 26.8	-3.4
AGG	Agios Georgios	82.20	309	Iamb	Iamb	12 14 43.7	
AGG	comp-Z,132nm,1.1s					12 14 57.4	
PVCC	Panska Ves	82.21	322	eP	P	12 14 35.1	+5.2
PVCC	Panska Ves	82.21	322	eS	S	12 24 34.8	-1.0
PVCC	comp-Z,30um,15.2s					12 14 35.1	+5.2
PVCC	Panska Ves	82.21	322	eS	S	12 24 34.8	-1.0
PVCC	Panska Ves	82.21	322	eS	S	12 24 34.8	-1.0
PVCC	AMS					12 25 50.0	
THL	Klokotos Trika	82.21	310	P	P	12 14 32.4	+2.3
TREC	Trest	82.25	321	eP	P	12 14 34.5	+4.3
TREC	Trest	82.25	321	e	P	12 14 42.4	
TREC	Trest	82.25	321	eS	S	12 24 48.5	+3.4
TREC	comp-Z,31um,17.2s					12 14 34.5	+4.3
TREC	Trest	82.25	321	ex	x	12 14 42.4	
TREC	Trest	82.25	321	ex	x	12 24 48.5	+3.4
TREC	Trest	82.25	321	eS	S	12 25 50.0	
TREC	AMS					12 25 50.0	
KRND	KRAMIDI	82.27	307	P	P	12 14 31.1	+0.6
VAM	Vamos	82.28	305	P	P	12 14 30.3	-0.3
IVA	Berane	82.30	313	IIP	P	12 14 28.8	-1.9
DSF	Desfina	82.31	308	P	P	12 14 30.0	-0.8
GOPC	GO Pecny, Ondr	82.37	321	eP	P	12 14 40.5	+3.7
GOPC	GO Pecny, Ondr	82.37	321	eS	S	12 24 45.2	-1.2
GOPC	GO Pecny, Ondr	82.37	321	eS	S	12 24 45.2	-1.2
GOPC	AMS					12 54 00.0	
GOPC	GO Pecny, Ondr	82.37	321	eP	P	12 14 34.5	+3.7
GOPC	GO Pecny, Ondr	82.37	321	ex	x	12 14 40.5	
GOPC	GO Pecny, Ondr	82.37	321	ex	x	12 15 00.4	
GOPC	GO Pecny, Ondr	82.37	321	eS	S	12 24 45.2	-1.2
GOPC	AMS					12 54 00.0	
PVY	Play	82.37	313	IIP	P	12 14 29.3	-1.8
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s					12 24 49.0	+2.4
BRG	comp-Z,52um,13.9s					12 30 01.0	-5.5
BRG	Berggiesshubel	82.40	322	iP	P	12 14 29.9	-1.0
BRG	BRG					12 14 35.9	
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,61nm,1.7s					12 14 35.9	-0.2
BRG	BRG					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-Z,195nm,1.6s					12 17 33.0	-6.3
BRG	BRG					12 24 49.0	+2.4
BRG	BRG					12 30 01.0	-5.5
BRG	comp-N,34um,15.4s					12 14 35.9	
BRG	comp-E,36um,15.5s</						

31d 12h

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes call signs like KEST, KEST, KEST, etc.

2013 OCT

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes call signs like MPMC, OSI, OSI, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes call signs like PDMCI, PMTG, Y12C, etc.

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KSCO	Kaye Shedlock'	105.34	34	PKIKP	PKIKP	12 20 32.6	+0.5
KSCO	Kaye Shedlock'	105.34	34	IAMS_20	IAMS_20	13 10 34.8	
CHGO	Chibougamau	105.53	11	PKIKP	PKIKP	12 20 33.5	+1.5
BGNE	Belgrade	105.67	30	PKIKP	PKIKP	12 20 33.5	+1.0
BGNE	Belgrade	105.67	30	IAMS_20	IAMS_20	13 07 19.1	
404E	Rib Lake	105.69	23	PKIKP	PKIKP	12 20 34.3	+1.9
G40A	Rib Lake	105.69	23	IAMS_20	IAMS_20	13 05 52.8	
T25A	Trinidad	105.78	37	PKIKP	PKIKP	12 20 34.6	+1.5
T25A	Trinidad	105.78	37	IAMS_20	IAMS_20	13 05 35.5	
E43A	Lone Tree Farm	105.79	20	PKIKP	PKIKP	12 20 34.8	+2.3
E43A	Lone Tree Farm	105.79	20	IAMS_20	IAMS_20	13 06 50.2	
LSQQ	Label-sur-Quev	105.88	12	PKIKP	PKIKP	12 20 35.7	+3.1
E44A	Grand Marais A	105.90	19	PKIKP	PKIKP	12 20 34.6	+1.9
F42A	Maple Grove Fa	105.97	21	PKIKP	PKIKP	12 20 39.0	-2.0
F42A	Maple Grove Fa	105.97	21	IAMS_20	IAMS_20	13 08 42.0	
ANMO	Albuquerque	106.19	39	Pdiff	Pdiff	12 16 22.9	+0.7
ANMO	Albuquerque	106.19	39	PKIKP	PKIKP	12 20 32.3	-1.6
ANMO	Albuquerque	106.19	39	PKIKP	PKIKP	12 20 33.4	-0.4
ANMO	Albuquerque	106.19	39	P	Pdiff	12 16 22.8	+0.7
ANMO	Albuquerque	106.19	39	IAMS_20	IAMS_20	13 11 07.7	
D46A	Sault Ste. Mari	106.20	18	PKIKP	PKIKP	12 20 31.7	-1.6
Y22D	IRIS PASCAL I	106.53	40	PKIKP	PKIKP	12 20 32.9	-1.6
Y22D	IRIS PASCAL I	106.53	40	IAMS_20	IAMS_20	13 15 04.1	
D48A	Faudahs Townsh	106.55	16	PKIKP	PKIKP	12 20 34.6	+0.7
E46A	Sault Ste. Mari	106.61	18	PKIKP	PKIKP	12 20 34.4	+0.3
E46A	Sault Ste. Mari	106.61	18	IAMS_20	IAMS_20	13 07 05.8	
E47A	Sault Ste. Mari	106.61	18	PKIKP	PKIKP	12 20 34.7	+0.3
E47A	Sault Ste. Mari	106.61	18	IAMS_20	IAMS_20	13 02 43.2	
I41A	Arkdale	106.85	23	PKIKP	PKIKP	12 20 36.8	+2.3
I41A	Arkdale	106.85	23	IAMS_20	IAMS_20	13 06 38.7	
F45A	CMU Biological	106.86	19	PKIKP	PKIKP	12 20 35.2	+0.7
319A	Douglas	106.92	44	IAMS_20	IAMS_20	13 02 57.5	
CBKS	Cedar Bluff	106.95	33	PKIKP	PKIKP	12 20 36.3	+1.3
CBKS	Cedar Bluff	106.95	33	IAMS_20	IAMS_20	13 10 45.2	
D50A	G1974 Best Tow	107.04	15	PKIKP	PKIKP	12 20 37.9	+3.1
121A	Cookes Peak, D	107.07	42	PKIKP	PKIKP	12 20 38.2	+2.7
121A	Cookes Peak, D	107.07	42	IAMS_20	IAMS_20	13 02 43.2	
O48A	Oukamen	107.07	316	P	PP	12 20 59.0	+6.9
O48A	Oukamen	107.07	316	PKIKP	PKIKP	12 20 37.6	+2.7
D51A	Lot 18 Range I	107.22	15	PKIKP	PKIKP	12 20 36.6	+1.5
H43A	Windswept, Lux	107.22	21	PKIKP	PKIKP	12 20 34.8	-0.5
H43A	Windswept, Lux	107.22	21	IAMS_20	IAMS_20	13 10 03.7	
I42A	Draeger Farm,	107.34	23	PKIKP	PKIKP	12 20 36.1	+0.7
I42A	Draeger Farm,	107.34	23	IAMS_20	IAMS_20	13 05 16.5	
HSIG		107.38	47	IAMS_20	IAMS_20	13 13 17.1	
G46A	Potosky	107.39	19	PKIKP	PKIKP	12 20 36.2	+0.7
G45A	Suttons Bay	107.40	20	PKIKP	PKIKP	12 20 35.8	+0.3
SCIA	State Center	107.40	26	PKIKP	PKIKP	12 20 36.7	+1.1
SCIA	State Center	107.40	26	IAMS_20	IAMS_20	13 07 36.5	
E50A	Wahnagade	107.52	16	PKIKP	PKIKP	12 20 36.8	+1.1
D52A	ZEK Kipawa Sen	107.55	14	PKIKP	PKIKP	12 20 36.9	+1.1
F48A	Evansville	107.57	17	PKIKP	PKIKP	12 20 37.3	+1.5
D53A	Lac Vacive, Po	107.61	14	PKIKP	PKIKP	12 20 37.4	+1.5
D53A	Lac Vacive, Po	107.61	14	IAMS_20	IAMS_20	13 04 28.0	
JFWS	Jewell Farm	107.70	24	IAMS_20	IAMS_20	13 11 00.3	
GLMI	Graying	107.91	19	IAMS_20	IAMS_20	13 07 38.4	
I45A	Fountain	108.12	21	IAMS_20	IAMS_20	13 09 09.9	
EPT	El Paso	108.38	42	IAMS_20	IAMS_20	13 04 51.0	
H48A	Harrisville	108.41	18	IAMS_20	IAMS_20	13 10 36.0	
K43A	Burlington	108.58	23	IAMS_20	IAMS_20	13 06 16.5	
J45A	Montague	108.60	21	IAMS_20	IAMS_20	13 11 33.4	
SYO	Syowa Base	108.89	202j	eP	PP	12 21 01.0	-3.9
SYO	Syowa Base	108.89	202j	iPP	PP	12 21 05.2	+0.3
AMTX	Amarillo	108.93	36	IAMS_20	IAMS_20	13 08 49.0	
MSTX	Muleshoe	109.00	38	Pdiff	Pdiff	12 16 35.5	+0.9
MSTX	Muleshoe	109.00	38	IAMS_20	IAMS_20	13 07 12.1	
MNTX	Cornudas Mount	109.11	41	IAMS_20	IAMS_20	13 13 25.4	
U32A	Winter Ranch,	109.20	34	IAMS_20	IAMS_20	13 12 02.0	
I49A	Point Hope	109.25	18	IAMS_20	IAMS_20	13 10 27.2	
N41A	Harden Midland	109.36	26	IAMS_20	IAMS_20	13 09 41.4	
ORIO	Orleans, Innes	109.62	13	IAMS_20	IAMS_20	13 07 59.5	
TSUM	Tsumeb	109.75	257	IAMS_20	IAMS_20	13 06 48.4	
M44A	Midewin, Midew	109.84	23	IAMS_20	IAMS_20	13 09 50.8	
L46A	Eue Claire	109.90	22	IAMS_20	IAMS_20	13 12 16.8	
HDIL	Hopedale	110.10	25	IAMS_20	IAMS_20	13 06 56.8	
K50A	Casco	110.37	19	IAMS_20	IAMS_20	13 09 22.0	
FRNY	Flat Rock	110.58	11	IAMS_20	IAMS_20	13 07 42.5	
WMOK	Wichita Mouta	110.59	35	IAMS_20	IAMS_20	13 15 53.7	
LONY	Lake Ozonia	110.60	12	IAMS_20	IAMS_20	13 09 28.5	
TOC2	Torodi Ar. Sit	110.71	295	IAMS_20	IAMS_20	13 13 33.0	
TOC3	Torodi Ar. Sit	110.72	295	IAMS_20	IAMS_20	13 13 32.3	
TOB2	Torodi Ar. Sit	110.72	295	IAMS_20	IAMS_20	13 13 32.4	
TOA2	Torodi Ar. Sit	110.73	295	IAMS_20	IAMS_20	13 13 32.6	
TOB3	Torodi Ar. Sit	110.73	295	IAMS_20	IAMS_20	13 13 32.7	
TOA0	Torodi Ar. Sit	110.73	295	IAMS_20	IAMS_20	13 13 33.7	
TOA1	Torodi Ar. Sit	110.73	295	IAMS_20	IAMS_20	13 13 33.7	
TORD	Torodi Ar. Bea	110.73	295	PKIKP	PKIKP	12 20 40.1	-2.4

TORD	comp=Z,7.1nm,1.2s,baz=100,slow=7.7,SNR=5.5	PP	PP	12 21 17.9	-1.2		
TORD	comp=Z,1.5nm,0.9s,baz=274,slow=2.5,SNR=4.4	PKKPab	PKKPab	12 31 51.4	-0.9		
TORD	comp=Z,1.5nm,0.9s,baz=274,slow=2.5,SNR=4.4	PKKP	PKKPdf	12 31 56.6	-1.0		
TOA3	Torodi Ar. Sit	110.74	295	IAMS_20	IAMS_20	13 13 31.8	
TOC7	Torodi Ar. Sit	110.74	295	IAMS_20	IAMS_20	13 13 31.9	
TOC4	Torodi Ar. Sit	110.74	295	IAMS_20	IAMS_20	13 13 34.0	
TOB4	Torodi Ar. Sit	110.75	295	IAMS_20	IAMS_20	13 13 34.1	
O44A	Mansfield	110.76	24	IAMS_20	IAMS_20	13 07 25.6	
SUR	Sutherland	110.80	243	IAMS_20	IAMS_20	13 05 54.2	
M48A	Edgport	110.90	21	IAMS_20	IAMS_20	13 09 48.1	
J54A	Appleton	110.99	16	IAMS_20	IAMS_20	13 11 56.0	
SFIN	Lafayette	111.07	23	IAMS_20	IAMS_20	13 10 27.2	
N47A	Urbana	111.11	22	IAMS_20	IAMS_20	13 07 18.3	
MEDO	Medina	111.14	15	IAMS_20	IAMS_20	13 11 58.9	
X34A	Smith Ranch, M	111.19	34	IAMS_20	IAMS_20	13 10 16.5	
J55A	Hilton	111.19	15	IAMS_20	IAMS_20	13 10 56.4	
WIN	Windhoek	111.22	254	IAMS_20	IAMS_20	13 07 59.0	
NCB	Newcomb	111.29	12	IAMS_20	IAMS_20	13 09 48.8	
SLM	Saint Louis	111.38	26	IAMS_20	IAMS_20	13 10 05.8	
CCM	Cathedral Cave	111.46	27	IAMS_20	IAMS_20	13 10 24.9	
PMOZ	Porto Moniz, M	111.46	323	eLR	LR	13 03 15.6	
CMLA	Cha da Macela	111.57	332	IAMS_20	IAMS_20	13 09 46.2	
MMNY	Mr. Morris Dam	111.68	15	IAMS_20	IAMS_20	13 08 49.2	
HHAR	Hobbs	111.74	30	IAMS_20	IAMS_20	13 11 02.8	
ABTX	Ablene, Hawie	111.74	37	IAMS_20	IAMS_20	13 14 49.6	
MGMO	Mountain Grove	111.78	29	IAMS_20	IAMS_20	13 10 59.5	
TXAR	Lajitas Array	111.83	42	PKIKP	PKIKP	12 20 43.6	-0.8
TXAR	Porto Moniz, M	111.83	42	PKIKP	PKIKP	12 21 25.1	-1.2
TXAR	comp=Z,6.7nm,1.3s,baz=298,slow=5.5,SNR=5.2	PKKPbc	PKKPbc	12 31 36.9	-0.3		
TXAR	comp=Z,0.9nm,0.9s,baz=126,slow=2.2,SNR=3.4	PKKPab	PKKPab	12 31 46.8	-1.5		
ROSA	Rosais	111.86	335	IAMS_20	IAMS_20	13 09 01.1	
M52A	Chesterland	111.88	18	IAMS_20	IAMS_20	13 13 14.8	
OLIL	Olney	112.14	25	IAMS_20	IAMS_20	13 08 08.7	
N51A	Ashland	112.15	19	IAMS_20	IAMS_20	13 13 12.1	
O49A	Covington	112.19	21	IAMS_20	IAMS_20	13 10 28.3	
FFD	Franklin Falls	112.24	10	IAMS_20	IAMS_20	13 12 15.6	
BLO	Bloomington	112.34	23	IAMS_20	IAMS_20	13 13 34.5	
M54A	Oil Creek Stat	112.38	17	IAMS_20	IAMS_20	13 08 58.9	
BINY	Ginamon	112.63	14	IAMS_20	IAMS_20	13 12 24.3	
M55A	Ridgway	112.65	16	IAMS_20	IAMS_20	13 15 26.1	
W39A	Magazin	112.70	31	IAMS_20	IAMS_20	13 11 54.3	
N53A	Lisbon	112.70	18	IAMS_20	IAMS_20	13 08 17.7	
M56A	Emporium	112.79	16	IAMS_20	IAMS_20	13 13 09.6	
PBMO	Poplar Bluff	112.88	27	IAMS_20	IAMS_20	13 13 14.4	
K62A	Royalston	112.92	11	IAMS_20	IAMS_20	13 08 47.8	
USIN	University of	112.97	25	IAMS_20	IAMS_20	13 12 08.5	
LCAR	Lake Charles	113.17	28	IAMS_20	IAMS_20	13 11 56.4	
HRV	Wahpeton	113.19	10	IAMS_20	IAMS_20	13 08 34.9	
WCI	Wyandotte Cave	113.26	24	IAMS_20	IAMS_20	13 13 47.8	
JCT	Junction City	113.27	38	IAMS_20	IAMS_20	13 15 54.2	
WHAR	Woolly Hollow	113.32	30	IAMS_20	IAMS_20	13 13 01.4	
WES	Weston	113.35	10	IAMS_20	IAMS_20	13 08 40.1	
WHTX	Lake Whitney	113.41	36	IAMS_20	IAMS_20	13 14 44.6	
BCX	Boston College	113.42	10	IAMS_20	IAMS_20	13 08 30.0	
W41B	Gary Mavity, V	113.43	30	IAMS_20	IAMS_20	13 14 11.4	
K5CT	Kent School, K	113.60	12	IAMS_20	IAMS_20	13 09 57.9	
SSPA	Stand Stone	113.66	16	IAMS_20	IAMS_20	13 08 16.8	
PEBM	Pemiscott Bayo	113.69	27	IAMS_20</			

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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 SPBC San Pablo de B, RREF El Recreo, RROC La Rusia, etc.

NEIC 31 12:08:25.3-0.6,34.06N-0.03-117.44W-0.02,h9km,4km
SCEDC 31 12:08:25.9,34.11N-117.44W,h7km
ANF 31 12:08:25.1-0.2,34.10N-117.43W,h14km,1km,ML2.4/29,

Error ellipse: s-maj=1.3km s-min=1.2km az=1.0
PAS 31 12:08:25.9-0.0,34.11N-117.44W,h7km,ML2.5
ISC 31 12:08:25.3-0.9,34.10N-0.02-117.44W-0.02,h10km,8km,

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 BFSC Mount Baldy Ra, BBRC Big Bear Solar, BBRC Mount Wilson, etc.

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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 OSI Osito Audit: C, OSI Osito Audit: C, BELC Belle Mtn. Jos, etc.

ISC/JB 31 12:11:20.5-0.3,23.62N-0.01-121.46E-0.02,h8km,2km,
Error ellipse: s-maj=3.1km s-min=1.8km az=29.1
TAP 31 12:11:20.7,23.63N-0.12-121.39E,h10km,ML3.5,C
JMA 31 12:11:21.9-0.2,23.61N-0.12-121.44E,h8km

ISC 31 12:11:20.7-0.8,23.62N-0.02-121.45E-0.02,h12km,5km,
n82,-0560/121,50,Taiwan

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 EGFH Guangfu, EGFH, HGSD Ruisui, etc.

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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 DPDB Guoxing, DPDB Tech, TDCB, etc.

JMA 31 12:29:52.9-0.1,23.57N-121.47E,h3km,1km,ML3.3
ISC/JB 31 12:29:52.0-0.3,23.57N-0.01-121.45E-0.01,h5km,1km,
Error ellipse: s-maj=2.4km s-min=1.4km az=32.1
TAP 31 12:29:53.8,23.59N-0.12-121.43E,h4km,ML3.2,C
ISC 31 12:29:53.6-0.8,23.58N-0.02-121.44E-0.02,h10km,5km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CHY, Chiayi, etc. Lists station data for Chiayi region.

Table with columns: CHY, Chiayi, Time, Res, etc. Lists station data for Chiayi region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists station data for Ternate and other locations.

ISCJB 31 12:36:41.0, 0.2, 1.63N, 0.03E, 127.08E, 0.03, h103km, mb4.1/19, Error ellipse: s-maj=4.2km s-min=3.6km

az=150.5, DJA 31 12:36:40.5, 0.2, 2.2N, 2.12E, h78km, 4km, M4.7/14, mb4.7/14, MLV4.8/11, NEIC 31 12:36:41.8, 1.5, 1.61N, 0.09E, 127.18E, 0.07, h90km, 5km, mb4.6/23, IDC 31 12:36:41.2, 1.5, 1.62N, 127.13E, h86km, 12km, mb3.9/18, mb1.4, 0.0/21, mb1mx3.8/52, mbtmp4.2/21, Error ellipse: s-maj=15.0km s-min=8.0km az=74.0, ISC 31 12:36:42.7, 0.4, 1.65N, 0.04E, 127.05E, 0.05, h103km, n104, a1955/122, mb4.3/26, 2D, Halmahera

31d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tony Channel, Black Stump Fm, Kaweka Forest, etc.

ISCJB 31 12:37:01.9-0.6,38.56N,0.03:142.06E,0.07, h62km,5km, mb3.8/3, Error ellipse: s-maj=9.3km s-min=4.2km az=17.9
NEIC 31 12:37:01.8-2.9,38.44N,0.06:142.5E,0.1, h56km,19km, mb4.4/1
IDC 31 12:37:02.9-2.2,38.54N,142.22E, h64km,19km, mb3.7/3, mb1 3.8/9, mb1mx3.4/54, mbtmp4.1/9, Error ellipse: s-maj=29.2km s-min=12.2km az=116.0
JMA 31 12:37:04.4,38.57N,141.90E, h57km,1km, M3.8 Broadband fault plane solution: P waves. NP1:
e251.00000, s81.00000, r-149.00000. NP2:
e155.00000, s80.00000, r-11.00000. Principal axes:
T P1g14.0000, Azm20.0000, P N1g58.0000, Azm266.0000, P P1g28.0000, Azm118.0000,
JMA Felt II J1.
ISC 31 12:37:02.9-1.1,38.53N,0.04:142.06E,0.09, h52km,10km, n37, r1920/48, mb4.1/4, 4C-8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ishinomakikobu, Kesennumamotoy, Ouri, Ofunato, Ichinoseki, Okura, Ohasama, Marumori, Kaneyama, Rokugo, Kawauchi, Shirataka, Erimo, Matsushiro Arr, etc.

JMA 31 12:41:45.2-0.2,23.58N,121.42E, h0km, M2.9
ISCJB 31 12:41:46.3-0.3,23.58N,0.01:121.45E,0.02, h6km,2km, Error ellipse: s-maj=3.0km s-min=1.8km az=33.5
TAP 31 12:41:46.6,23.59N,121.39E, h10km, ML3.1, C
ISC 31 12:41:46.6-0.8,23.59N,0.02:121.41E,0.02, h12km,5km, n90, r0574/134, 2C-4D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Guangfufu, Ruisui, Hungye, Shilin, Yu-li, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YULB, TWF1, Yuli, TWF1, WVDT, ENLB, HWA, YUS, YUS, SSSL, CHGB, CHGB, TWD, WHYT, WHYT, ELDTW, ELDTW, SMLT, SMLT, ALS, ALS, WHF, WHF, TYC, NACB, NACB, ETHL, ETHL, DPDB, DPDB, WJS, CHNS, TDCB, TDCB, WNT, WNT, STYT, STYT, TPUB, TPUB, WGK, WGK, CHN4, CHN4, WHP, WHP, WDL, WDL, WTP, WTP, TWG, TWG, TWGB, TWGB, NNSB, NNSB, NNS, NNS, CHN2, CHN2, ENA, ENA, NANB, NANB, CHN1, CHN1, CHN1, CHN1, TWK, TWK, CHY, CHY, SGST, SGST, SGST, SGST, SNST, SNST, SNST, SNST, WCHH, WCHH, SLGT, SLGT, TWQ1, TWQ1, TWQ1, TWQ1, RLNB, RLNB, NDT, NDT, NSY, NSY, NSY, NSY, WDJ, WDJ, ENTT, ENTT, ENTT, ENTT, PTBS, PTBS, PTBS, PTBS, WYHC, WYHC, YHNB, YHNB, YHNB, YHNB

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Taimali, Suao, Miaoili, Nanjiang, Sandimen, Emei, Yiju, Weicheng, EOI1, EOI1, NWLT, NWLT, TWMI, TWMI, MASBT, MASBT, WLBT, WLBT, EAST, EAST, NHDH, NHDH, TATO, TATO, SCZT, SCZT, TIPB, TIPB, NWF, NWF, YMO1, YMO1, YMO4, YMO4, YMO5, YMO5, YMO1, YMO1, ANP, ANP, JYNG, JYNG, PHUB, PHUB, PHUB, PHUB, PNG, PNG, IRIF, IRIF, JIJ, JIJ, JISG, JISG, KNMB, KNMB, AXDP, AXDP

ISCJB 31 12:43:45.9-0.3,23.60N,0.01:121.41E,0.02, h10km,1km, Error ellipse: s-maj=3.1km s-min=1.6km az=27.2
JMA 31 12:43:45.8-0.2,23.63N,121.38E, h0km
TAP 31 12:43:46.2,23.59N,121.41E, h9km, ML2.7, C
ISC 31 12:43:46.0-0.8,23.60N,0.02:121.41E,0.02, h13km,5km, n59, r046/110, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Guangfufu, Ruisui, Hungye, Shilin, Yu-li, YULB, YULB, TWF1, TWF1, WVDT, WVDT, WVDT, WVDT, ENLB, ENLB, OWD, OWD, SSSL, SSSL, CHGB, CHGB, CHGB, CHGB, TWD, TWD, WHYT, WHYT, ELDTW, ELDTW, ELDTW, ELDTW, SMLT, SMLT, SMLT, SMLT, ALS, ALS, ALS, ALS, WHP, WHP, TYC, TYC, NACB, NACB, NACB, NACB, ETHL, ETHL, ETHL, ETHL, DPDB, DPDB, DPDB, DPDB

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Table with columns: Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like WJS Zhushan, CHNS Tsauling, TDCB Tech, WNT Mingjian, STYT Tauiuan, TPUB Ta-pu, WGK Gukeng, CHN4 Tsauhsan, WHP Taichung City, WDLH Douliu, WTP Ta-pu, NNSB Datong, TWG Pingang, TWGBT Beinan, NNS Nan Shan, ENA Nanau, NANB Nanao, CHN1 Nanshi, TWK Hsiuying, CHY Chiayi, SGST Jiashian, SNST Tainan City, TWQ1 Liyutan, NDT Datong Townshi, ENTT Nioudou, YHNB Yeheng, NSTT Nanjuang, LIQB Emei, SSD Sandimen, TWE Neicheng, SLBB Yuanshan, NWLT Wulai, MASBT Mashbuluo, TIPB Shuangxi, YMO5 YMO5, ANP Anpu, PHUB Peng-hu, JIU Ishigaki jima.

JMA 31 12:45:22.4±0.1, 23.58N, 121.49E, h0km
ISC/JB 31 12:45:23.5±0.3, 23.59N, 121.45E, h1km, 2km
Error ellipse: s-maj=2.9km s-min=1.6km az=31.6
TAP 31 12:45:23.7, 23.59N, 121.40E, h8km, ML2.9, B
ISC 31 12:45:23.7±0.8, 23.59N, 121.44E, h12km, 5km, n81, c068/138, Taiwan

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Table with columns: Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like TWF1 WWDT, ENLB Sheheng, YUS Yu-Shan, SSLB Suanglung, TWD Chiawan, CHGB Renai, CHGB Renai, WHYT Xinyi Township, ELDTW Lidau, SMLT Sun Moon Lake, SMLT Hehuan Shan, ALS Alshian, ALS Alshian, NACB Ninganchiao, ET LH Xiulin Townshi, ET LH Yuchur, TYC Yuchur, DPDB Guoxing, WJS Zhushan, CHNS Tsauling, TDCB Tech, WNT Mingjian, TPUB Ta-pu, TPUB Ta-pu, WGK Gukeng, CHN4 Tsauhsan, WHP Taichung City, WTP Ta-pu, WDLH Douliu, NNSB Datong, NNSB Datong, TWG Pingang, TWGBT Beinan, NNS Nan Shan, ENA Nanau, NANB Nanao, CHN1 Nanshi, TWK Hsiuying, CHY Chiayi, SGST Jiashian, SNST Tainan City, TWQ1 Liyutan, NDT Datong Townshi, ENTT Nioudou, YHNB Yeheng, NSTT Nanjuang, LIQB Emei, SSD Sandimen, TWE Neicheng, SLBB Yuanshan, NWLT Wulai, MASBT Mashbuluo, TIPB Shuangxi, YMO5 YMO5, ANP Anpu, PHUB Peng-hu, JIU Ishigaki jima.

Table with columns: Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like TWC Suao, NSK Sanguang, NSK Nanjuang, NSTT Nanjuang, NMLH Miaoili, NMLH Emei, LIQB Emei, SSD Sandimen, EOS1 EOS1, TWE Neicheng, TWE Neicheng, CHN8 Yijiu, NWLT Wulai, NWLT Wulai, TWM1 Shoushan, MASBT Mashbuluo, MASBT Mashbuluo, EAST Anshuo, NCUH Zhongji, TIPB Shuangxi, TIPB Shuangxi, SCZT Fangliu, SCZT Fangliu, YMO1 YMO1, YMO1 YMO1, YMO1 YMO1, YMO5 YMO5, YMO5 YMO5, PHUB Peng-hu, PHUB Peng-hu, PNG Penghu, VWUC VWUC, PTTC Pingtan, PTMZ Houxiangcun, JIU Ishigaki jima, JIU Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi, MHZQ Yeshan, AXDP Jialang.

ISC/JB 31 12:52:46.3±0.3, 23.57N, 121.46E, h5km, 2km
Error ellipse: s-maj=3.2km s-min=1.8km az=32.2
JMA 31 12:52:46.4±0.1, 23.54N, 121.46E, h1km, 2km
TAP 31 12:52:46.5, 23.59N, 121.39E, h9km, ML3.3, C
ISC 31 12:52:46.6±0.8, 23.58N, 121.43E, h13km, 5km, n83, c064/125, 4C-4D, Taiwan

Table with columns: Code, Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like HGSD Ruisui, EGFB Guangfu, EGFB Guangfu, EHY Hungye, EHY Hungye, YULB Yu-li, YULB Yu-li, ESL Shilin, ESL Shilin, TWF1 Yuli, TWF1 Yuli, VWDT WWDT, VWDT WWDT, ENLB Shoufeng, ENLB Shoufeng, HWA Hwallien, YUS Yu-Shan, YUS Yu-Shan, SSLB Suanglung, SSLB Suanglung, TWD Chiawan, TWD Chiawan, CHGB Renai, CHGB Renai, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, WHYT Xinyi Township, WHYT Xinyi Township, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, WHF Hehuan Shan, WHF Hehuan Shan, NACB Ninganchiao, NACB Ninganchiao, ET LH Xiulin Townshi, ET LH Xiulin Townshi, DPDB Guoxing, DPDB Guoxing.

31d 12h

Table with columns: Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like TWC Suao, NSK Sanguang, NSK Nanjuang, NSTT Nanjuang, NMLH Miaoili, NMLH Emei, LIQB Emei, SSD Sandimen, EOS1 EOS1, TWE Neicheng, TWE Neicheng, CHN8 Yijiu, NWLT Wulai, NWLT Wulai, TWM1 Shoushan, MASBT Mashbuluo, MASBT Mashbuluo, EAST Anshuo, NCUH Zhongji, TIPB Shuangxi, TIPB Shuangxi, SCZT Fangliu, SCZT Fangliu, YMO1 YMO1, YMO1 YMO1, YMO1 YMO1, YMO5 YMO5, YMO5 YMO5, PHUB Peng-hu, PHUB Peng-hu, PNG Penghu, VWUC VWUC, PTTC Pingtan, PTMZ Houxiangcun, JIU Ishigaki jima, JIU Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi, MHZQ Yeshan, AXDP Jialang.

ISC/JB 31 12:52:46.3±0.3, 23.57N, 121.46E, h5km, 2km
Error ellipse: s-maj=3.2km s-min=1.8km az=32.2
JMA 31 12:52:46.4±0.1, 23.54N, 121.46E, h1km, 2km
TAP 31 12:52:46.5, 23.59N, 121.39E, h9km, ML3.3, C
ISC 31 12:52:46.6±0.8, 23.58N, 121.43E, h13km, 5km, n83, c064/125, 4C-4D, Taiwan

Table with columns: Code, Station Name, Azimuth, Distance, Phase, ID, Time, Residual, ISC. Includes stations like HGSD Ruisui, EGFB Guangfu, EGFB Guangfu, EHY Hungye, EHY Hungye, YULB Yu-li, YULB Yu-li, ESL Shilin, ESL Shilin, TWF1 Yuli, TWF1 Yuli, VWDT WWDT, VWDT WWDT, ENLB Shoufeng, ENLB Shoufeng, HWA Hwallien, YUS Yu-Shan, YUS Yu-Shan, SSLB Suanglung, SSLB Suanglung, TWD Chiawan, TWD Chiawan, CHGB Renai, CHGB Renai, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, WHYT Xinyi Township, WHYT Xinyi Township, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, WHF Hehuan Shan, WHF Hehuan Shan, NACB Ninganchiao, NACB Ninganchiao, ET LH Xiulin Townshi, ET LH Xiulin Townshi, DPDB Guoxing, DPDB Guoxing.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HEN, EAST, SCZT, etc.

JMA 31 13:17:28.9-0.1, 23:68N, 121:50E, h12km, 2km
ISCJB 31 13:17:29.3-0.3, 23:68N, 121:46E, h13km, ML2.7, C
Error ellipse: s-maj=3.7km s-min=2.2km az=29.3

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations and their tracking data.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like YHNB, SNST, SGST, etc.

IDC 31 13:29:09.1, 23:55N, 121:98E, h0km, mb3.4/6,
mb1 3.6/7, mb1mx3.4/36, mb1mp3.4/7, ML2.6/1, Error
ellipse: s-maj=41.5km s-min=19.8km az=68.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations and their tracking data.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations and their tracking data.

31d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NCUH Zhongli, TWA Mucha, NCU National Centr, etc.

IDC 31 13:45:18.9-0.7, 23.39N, 121.56E, h0km, mb3.9/13, mb1.4/1.4, mb1mx3.9/3.6, mbtmp3.9/14, ML3.4/1, MS4.7/1, MS1.4/7.1, ms1mx3.5/4.7, Error ellipse: s-maj=27.3km s-min=14.9km az=71.0

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Table with columns: ENLB, Shoufeng, ENLB, Hwaiien, YUS, Yu-Shan, YUS, Chengkung, CHKT, Renai, SSSL, Suanglung, SSSL, Chiawan, TWD, Chiawen, TWD, Renai, CHGB, CHGB, ELDTW, ELDTW, WHYT, Xinyi Township, WHYT, Sun Moon Lake, SMLT, Hehuan Shan, WHF, Ninganchiao, NACB, XiuLin Townshi, ETLL, Yuchr, DPDB, Guoxing, DPDB, Zhushan, WJS, Tsauling, CHN5, Tachien, TWT, Tech, TDCB, Ta-yu, TPUB, Tsauhsan, CHN4, Gukeng, WKG, Pinlang, TWG, Beinan, TWGBT, Ta-pu, WTP, Taichung City, WHP, Douliu, WDLH, Datong, NNSB, Taitung, TTN, Nan Shan, NNS, Minshu, CHN2, Nanau, ENA, Nanao, NANB, Taichung, TCU, Nanshi, CHN1, Hsinying, TWK, Jashian, SGST, Liugu, SLGT, Tainan City, SNST, Chiayi, CHY, Zhonghua, WCHH, Liyuan, TWQ1, Datong Townshi, NDT, Datong

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Table with columns: RLNB, Erin, NSY, Sanyi, NSY, Puzi, WLBG, Dajia District, WDJ, Nioudou, ENTT, Taimali, ECL, Yeheng, YHNB, Suao, TWC, Sangiang, NSK, Yuanli, PTSB, Ta-ch'eng, WTCT, Shihua, CHN3, Sandimen, SSS, Sshu, WSF, Nanjuang, NSTT, Miaoli, NMLH, LIOB, EOI, CHN8, Yji, CHN8, Neicheng, TWE, SLBB, Yanshan, NWLT, Wulai, TWMT, Shuhsan, MASBT, Mashibuluo, MASBT, Jiali, SCLT, Ilan, SGLT, Jiour, TAI, Yung-kang, SBCB, Hsinchu, SBCB, Daxi, WLTB, HSN, Hsinchu, HSN, Anshuo, EAST, Kaohsiung City, SNCT, Toucheng, NNDH, Xindian Distri, TATO, Taipei, TATO, Mucha, TWA, Mucha, NCUH, Zhongli, NCUH, National Centr, NCU, Fangliu, SCZT, Shuangxi, TIPB, Taipei, TAP, Taipei, TAP, Santiao Chiao, TWS1, Kuangyinshan, TWS1, Wu-fen Shan, NWF, Wu-fen Shan, WFSB, Lan-yu, LAY, Lan-yu, WLCH, Liugu, YMO1, YMO1, YMO1, HsiaoIuchi, TWP, HsiaoIuchi, YMO1, YMO1, NTST, Danhui, YMO1, YMO1, ANP, Anpu, YJNG, Yonagunijimaku

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YJNG, WDGJ, YODJ, YOJ, YOY, HEN, TWY, PHUB, TWK1, TWK2, PNG, TSEB, VCHM, VCHM, HATJ, IRIF, JWUC, JKRS, JKRS, PTTC, PTMZ, JJJ, JJJ, JISG, JISG, KNM, KNM, MATB, KNMB, QZH, QZH, JTJ, LYJJ, MHZQ, ZPLA, AXDP, XPSS, ZZJH, JIRB, JIRB, JKJM, JKJM, JMJ, JMJ, JM2, NJ2, NJ2, NJ2, NJ2, WHN, WHN, WHN, KSRs, XAN, XAN, XAN, XAN, CMMT, CMAR, UMPA, MHMT, GTA, GTA, GTA, KLR, SONM, WMO, IKAR, ZALV, KSH, H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, WRA, ASAR, NRK, STKA, ILAR, FINES, BRTR, NOA, GERES.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TAP 31, JMA 31, ISC 31, EGFH, EGFH, HGSJ, HGSJ, EHY, EHY, ESL, ESL, YULB, YULB, ENLB, ENLB, TWF1, TWF1, YWDT, YWDT, HWA, HWA, TWD, TWD, YUS, YUS, SSSL, SSSL, SSSL, SSSL, CHGB, CHGB, WHF, WHF, NACB, NACB, WHYT, WHYT, ET LH, ET LH, SMLT, SMLT, SMLT, SMLT, TYC, TYC, DPDB, DPDB, TWT, TWT, TDCB, TDCB, WJS, WJS, WJS, CHNS, CHNS, WNT, WNT, WNT, WNT, WNSB, WNSB, STYT, STYT, WHP, WHP, NNS, NNS, NNS, NNS, WKG, WKG, WKG, NANB, NANB, NANB, TPUB, TPUB, TPUB, CHN4, CHN4, WDLH, WDLH, WTP, WTP, WTP, TWG, TWG, TWGB, TWGB, TWGB, CHN2, CHN2, WCHH, WCHH, TWQ1, TWQ1, TWQ1, CHN1, CHN1, CHN1, NDT, NDT, NDT, TWK, TWK, TWK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWK, TWK, SGST, SGST, SNST, SNST, SLGT, SLGT, ENTT, ENTT, ENTT, ENTT, TWY, TWY, YHNB, YHNB, YHNB, YHNB, WDJ, WDJ, NSK, NSK, NSK, RLNB, RLNB, RLNB, RLNB, NSTT, NSTT, LIOB, LIOB, LIOB, LIOB, NMLH, NMLH, TWE, TWE, TWE, SLBB, SLBB, ECL, ECL, ECL, NWLW, NWLW, SSD, SSD, SSD, CHN8, CHN8, TWMT, TWMT, HSN, HSN, MASBT, MASBT, MASBT, MASBT, EAST, EAST, TIPB, TIPB, TIPB, YM01, YM01, HATJ, HATJ, IRIF, IRIF.

ISCJB 31 13:49:34.9, 0.3, 23.64N, 0.0121:46E, 0.02, h6km, 2km, Error ellipse: s-maj=3.1km s-min=1.6km az=27.2

IDC 31 13:57:09.6, 0.8, 23.43N, 121.67E, h0km, mb4.0/10, mb1.4, 1/12, mb1mx3.9/41, mbtmp4.0/12, ML3.2, Error ellipse: s-maj=25.4km s-min=16.0km az=68.0, ISCJB 31 13:57:10.8, 0.3, 23.56N, 121.50E, 0.01, h5km, 1km, mb4.2/12, Error ellipse: s-maj=2.0km s-min=1.4km az=41.3, JMA 31 13:57:10.6, 0.1, 23.57N, 121.46E, h0km, M4.4, TAP 31 13:57:12.0, 23.59N, 121.38E, h10km, ML4.6, B, ASIES 31 13:57:11.0, 0.2, 23.62N, 121.31E, h21km, MW3.8, Bull 31 13:57:13.3, 0.0, 23.63N, 121.41E, h15km, mb4.2/15, mb4.6/1, ML4.3/4, Mb4.2/7, Mb7.4/0.7, ISC 31 13:57:12.3, 0.7, 23.58N, 0.0121:45E, 0.02, h11km, 4km, 1163, r131/257, mb4.0/12, 17C-29D, Taiwan

31d 14h

Table with columns for station name, time, magnitude, and other parameters. Includes stations like ALS, NACB, NACB, ET LH, etc.

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Table with columns for station name, time, magnitude, and other parameters. Includes stations like PT SB, WTCT, WTCT, CHN3, etc.

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Table with columns for station name, time, magnitude, and other parameters. Includes stations like JJJ, JJJ, JJJ, JJJ, etc.

IDC 31 13:59:06.3, 0.2, 53N x 140.76E, h362km, 99km, mb2.6/2, mb1 2.8/4, mb1mx2.5/39, mbtmp3.3/4, Error ellipse: s-maj=274.8km s-min=32.8km az=77.0, Volcano Islands region

Table with columns for station name, time, magnitude, and other parameters. Includes stations like JJJ, JJJ, JJJ, JJJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CERRO ARCO, Agrelo, Tololo Observa, Peidehue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AREO ARCESS Array S, Hetta, Tornio, Oulu, Kautokeino, etc.

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

SJA 31 14:06:24.9-0.6,24:02S;66:78W,h219km,7km,ML3.3, MW3.4

ISCJB 31 14:06:26.8-1.1,23:97S;0:06:66:30W;0.0,4, h109km,13km,Error ellipse: s-maj=9.3km s-min=5.9km az=11.8

GUC 31 14:06:27.9-0.4,23:78S;67:26W,h232km,9km,ML3.6

ISC 31 14:06:24.8-2.6,24:02S;0:07:66:83W;0.0,6, h217km,22km,n26,c1928/38,8C-2D,Salta Province

MDD 31 14:16:40.6;2.9,32:39N;7:59W,h0km,mb3.8/5,Error ellipse: s-maj=38.0km s-min=26.0km az=94.0,PRXIMO

INMG 31 14:16:41.5;1.0,32:39N;7:73W,h10km,ML2.5,Error ellipse: s-maj=4.2km s-min=3.5km az=147.0,Morocco

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 Vila Bisbo, Barranco-do-Ve, PVAQ, EGRO, PTEO, etc.

WEL 31 14:21:09.0,44 S;3:17:07E,h52km,7km,M3.1/14, ML3.4/22,MLV3.1/14,Error ellipse: s-maj=0.0km s-min=0.0km, South Island

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 Gaunt Creek Bo, Waitaha Valley, Rata Peaks, etc.

HEL 31 14:06:41.0-0.6,67:99N;34:31E,h0km,ML2.4,Explosion

NAO 31 14:06:43.8-1.7,67:33N;33:44E,ML2.6

KOLA 31 14:06:43.2,67:63N;34:11E,ML2.0,Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

ISC 31 14:06:45.2-2.0,67:65N;0:04:33:76E;0:10,h0km,n26, c1928/50,Baltic States-Belarus-Northwestern Russia

ISCJB 31 14:17:44.9-0.4,24:20S;0:04:179:98W;0:07,h505km, mb3.8/6,Error ellipse: s-maj=8.2km s-min=5.7km az=3.8

NEIC 31 14:17:45.7-2.0,24:35S;0:1:179:99W;0:1,h51km,12km, mb4.3/32

IDC 31 14:17:45.3-3.2,24:30S;179:96W,h494km,30km,mb3.5/6, mb1 3.7,mb1mx3.2/38,mbtmp4.7/7,Error ellipse: s-maj=32.0km s-min=23.8km az=22.2

ISC 31 14:17:46.1-0.6,24:36S;0:08:179:85W;0:09,h505km, n65,c1945/66,mb4.2/21, South of Fiji 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 Green Lake, Omahuta, Waipu Caves, etc.

IDC 31 14:23:54.9-2.7,5:52N;124:01E,h541km,43km,mb2.9/6, mb1 3.1/7,mb1mx2.8/38,mbtmp4.0/7,Error ellipse: s-maj=31.7km s-min=13.2km az=64.0,Mindanao

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 SIJI, Warramunga Arr, Chiang Mai Arr, etc.

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YULB	baz=204	eS	Sg	14 25 32.0 +0.1	SGST	Jiashian	baz=231	1.01 234	P	Pg	14 25 39.1 -0.8	baz=4.0	iS	Sg	14 27 55.4 -0.5					
TWF1	Yuli	0.37 205	P	Pg	14 25 27.6 -0.3	SGST				eS	Sb	14 25 53.3 +0.5	ESL	baz=4.0	iS	Pg	14 27 52.7 -0.3			
TWF1	baz=208	S	Sg	14 25 32.5 -0.4	PTSB	baz=231	Yuanli	1.03 317	eP	Pn	14 25 40.4 +0.2	baz=224	EHY	Hungye	0.19 229	P	Pg	14 27 55.1 -0.7		
TWD	Chiawan	0.41 16	P	Pb	14 25 28.6 -0.6	PTSB	baz=319	Nanjung	1.03 335	P	Sn	14 25 55.0 +0.5	baz=217	YULB	Yu-li	0.29 215	P	Pg	14 27 54.6 -0.3	
TWD	baz=14	S	Sg	14 25 33.8 -0.2	NSTT	baz=338	Erin	1.04 281	eP	Pg	14 25 40.0 -0.3	baz=212	YULB	baz=217	S	Sg	14 27 58.4 -0.4			
CHGB	Renai	0.46 324	P	Pg	14 25 29.2 -0.3	NSTT	baz=338	Erin	1.04 281	eP	Pg	14 25 40.0 -0.3	baz=212	ENLB	Shoufeng	0.29 23	eP	Pg	14 27 55.5 +0.4	
CHGB	baz=333	S	Sg	14 25 34.7 -1.1	RLNB	baz=282	RLNB	1.04 336	P	Sb	14 25 54.8 +1.3	baz=212	ENLB	baz=212	eS	Sg	14 28 00.0 -0.7			
SSLB	Suanglung	0.48 282	P	Pg	14 25 29.2 -0.7	RLNB	baz=282	RLNB	1.04 336	P	Sb	14 25 54.8 +1.3	baz=212	TWF1	Yuli	0.32 211	P	Pg	14 27 55.4 -0.2	
SSLB	baz=290	S	Sg	14 25 34.7 -1.7	LIOB	Emei	baz=339	LIOB	1.04 336	P	Sb	14 25 40.2 +0.2	baz=212	TWF1	baz=212	S	Sg	14 27 59.8 -0.1		
WHF	Hehuan Shan	0.49 337	P	Pg	14 25 29.6 -0.6	LIOB	baz=339	TWE	Neicheng	1.04 10	eP	Pn	14 25 40.3 -0.1	baz=212	VWDT	VWDT	0.33 292	P	Pg	14 27 55.6 -0.1
WHF	baz=342	S	Sg	14 25 35.9 -1.0	TWE	baz=12	TWE	1.05 35	eP	Pn	14 25 53.7 +0.1	baz=212	VWDT	baz=296	S	Sg	14 27 59.7 -0.4			
NACB	Ninganchiao	0.49 13	P	Pg	14 25 29.9 -0.3	EOS1	EOS1	1.05 35	eP	Pn	14 25 40.9 +0.5	baz=212	HWA	Hwalien	0.36 19	eP	Pb	14 27 57.5 -0.3		
NACB	baz=15	S	Sg	14 25 36.0 -0.7	EOS1	baz=33	EOS1	1.05 35	eP	Pn	14 25 40.9 +0.5	baz=212	TWD	Chiawan	0.46 14	P	Pg	14 27 58.4 +0.2		
ETLH	Xiulin Townshi	0.52 1	eP	Pg	14 25 30.4 -0.1	EOS1	baz=33	EOS1	1.05 35	eP	Pn	14 25 57.1 +2.3	baz=9.0	TWD	baz=9.0	S	Sg	14 28 05.1 +0.9		
ETLH	baz=6.0	eS	Sg	14 25 37.0 -0.4	NMLH	Miaoili	baz=326	NMLH	1.05 324	P	Sn	14 25 41.2 +0.7	baz=9.0	YUS	Yu-Shan	0.50 254	P	Pg	14 27 58.8 -0.2	
YUS	Yu-Shan	0.52 247	P	Pg	14 25 30.4 -0.3	NMLH	baz=326	NMLH	1.05 324	P	Sn	14 25 55.1 +0.2	baz=261	YUS	baz=261	S	Sg	14 28 05.1 -0.6		
YUS	baz=252	S	Sg	14 25 36.5 -1.1	SLBB	Yuanshan	baz=10.0	SLBB	1.07 8	P	Pg	14 25 40.1 -0.9	baz=261	SSLB	Suanglung	0.50 288	P	Pg	14 27 58.5 -0.5	
SMLT	Sun Moon Lake	0.56 290	P	Pg	14 25 30.7 -0.6	SLBB	baz=10.0	SLBB	1.07 8	P	Pg	14 25 40.1 -0.9	baz=291	SSLB	baz=291	S	Sg	14 28 04.2 -1.4		
SMLT	baz=291	S	Sg	14 25 37.8 -0.9	NWLT	Wulai	baz=4.0	NWLT	1.08 2	eP	Pb	14 25 40.9 +0.1	baz=340	CHGB	Renai	0.51 327	P	Pg	14 27 59.1 0.0	
WHYT	Xinyi Township	0.57 271	eP	Pg	14 25 31.1 -0.3	NWLT	baz=4.0	NWLT	1.09 259	eP	Pg	14 25 40.1 -1.4	baz=340	CHGB	baz=340	S	Sg	14 28 05.1 -0.8		
WHYT	baz=264	S	Sg	14 25 38.1 -0.9	WLGB	Puz	baz=258	WLGB	1.09 259	eP	Pg	14 25 40.1 -1.4	baz=173	CHKT	Chengkung	0.54 191	P	Pb	14 28 01.0 +0.3	
TYC	Yuchr	0.60 291	P	Pg	14 25 31.4 -0.7	WLGB	baz=258	WLGB	1.09 259	eP	Pg	14 25 55.5 -0.2	baz=173	CHKT	baz=173	S	Sb	14 28 09.2 +0.7		
TYC	baz=300	S	Sg	14 25 38.8 -1.3	WTCT	Ta-cheng	baz=277	WTCT	1.10 279	eP	Pg	14 25 40.8 -0.8	baz=344	WHF	Hehuan Shan	0.55 339	P	Pg	14 27 59.5 -0.3	
DPDB	Guoxing	0.60 305	P	Pg	14 25 31.8 -0.4	WSF	Szhu	baz=267	WSF	1.15 268	eP	Pb	14 25 41.6 -0.3	baz=344	WHF	baz=344	S	Sg	14 28 06.8 -0.4	
DPDB	baz=314	S	Sg	14 25 39.0 -1.3	WSF	baz=267	WSF	1.15 268	eP	Pb	14 25 41.6 -0.3	baz=344	WHF	baz=344	S	Sg	14 28 06.8 -0.4			
TDCB	Techi	0.63 333	P	Pg	14 25 32.4 -0.3	WLTB	Daxi	baz=1.0	WLTB	1.18 350	eP	Pn	14 25 43.6 +1.4	baz=13	NACB	Ninganchiao	0.55 11	P	Pg	14 27 59.8 -0.1
TDCB	baz=336	S	Sg	14 25 39.7 -1.4	WLTB	baz=1.0	WLTB	1.18 350	eP	Pn	14 25 43.6 +1.4	baz=13	NACB	baz=13	eS	Sg	14 28 07.5 +0.3			
ELDTW	Lidau	0.65 220	P	Pg	14 25 32.2 -0.8	SBCB	Hsinchu	baz=328	SBCB	1.18 338	eP	Pb	14 25 43.0 +0.6	baz=4.0	ETLH	Xiulin Townshi	0.57 0	P	Pg	14 28 00.1 -0.2
ELDTW	baz=210	S	Sg	14 25 40.5 -1.2	ECL	Taimali	baz=192	ECL	1.19 204	eP	Pb	14 25 41.7 -0.9	baz=4.0	ETLH	baz=4.0	eS	Sg	14 28 08.7 +0.8		
WJS	Zhushan	0.69 281	eP	Pb	14 25 34.4 +0.2	CHN8	Yiju	baz=252	CHN8	1.21 254	eP	Pb	14 25 42.9 0.0	baz=278	WHYT	Xinyi Township	0.58 277	P	Pg	14 28 00.1 -0.2
WJS	baz=283	eS	Sb	14 25 43.9 +0.4	CHN8	baz=252	CHN8	1.22 220	eP	Pn	14 25 59.9 +1.2	baz=278	WHYT	baz=278	S	Sg	14 28 07.3 -0.5			
CHNS	Tsauling	0.73 263	eP	Pg	14 25 34.5 -0.1	SSD	Sandimen	baz=209	SSD	1.22 220	eP	Pn	14 25 42.5 -0.3	baz=299	SMLT	Sun Moon Lake	0.59 296	P	Pg	14 28 00.2 -0.3
CHNS	baz=255	eS	Sg	14 25 44.2 -0.1	NHHD	Xindian Distri	baz=15	NHHD	1.27 2	eP	Pg	14 25 44.2 -0.5	baz=299	SMLT	baz=299	iS	Sg	14 28 07.4 -0.8		
NNSB	Datong	0.74 354	P	Pg	14 25 34.4 -0.4	NHHD	baz=15	NHHD	1.27 2	eP	Pg	14 25 44.2 -0.5	baz=221	ELDTW	Lidau	0.61 224	P	Pg	14 28 00.1 -0.9	
NNSB	baz=2.0	S	Sg	14 25 44.1 -0.4	TATO	Taipei	baz=15	TATO	1.28 1	eP	Pb	14 25 44.1 -0.1	baz=221	ELDTW	baz=221	S	Sg	14 28 07.7 -1.2		
WNT	Mingjian	0.74 285	P	Pb	14 25 35.4 +0.4	TATO	baz=15	TATO	1.28 1	eP	Pb	14 25 44.1 -0.1	baz=307	TYC	Yuchr	0.63 296	P	Pg	14 28 00.9 -0.4	
WNT	baz=293	eS	Sb	14 25 45.8 +0.8	TWA	Mucha	baz=17	TWA	1.29 5	eP	Sn	14 25 44.0 +0.2	baz=307	TYC	baz=307	S	Sg	14 28 08.4 -1.1		
NNS	Nan Shan	0.75 353	P	Pg	14 25 34.7 -0.3	TWA	baz=17	TWA	1.29 5	eP	Sn	14 25 44.0 +0.2	baz=312	DPDB	Guoxing	0.64 309	P	Pg	14 28 01.7 +0.1	
NNS	baz=2.0	S	Sg	14 25 44.7 -0.2	NCUH	Zhongli	baz=351	NCUH	1.30 348	eP	Pg	14 25 45.5 +0.2	baz=312	DPDB	baz=312	S	Sg	14 28 09.1 -1.0		
ENA	Nanau	0.78 19	eP	Pg	14 25 34.4 -1.0	NCUH	baz=351	NCUH	1.32 14	eP	Sn	14 26 03.9 +2.8	baz=338	TDCB	Techi	0.69 335	P	Pg	14 28 02.4 0.0	
ENA	baz=11	eS	Sb	14 25 45.7 -0.2	TIPB	Shuangxi	baz=13	TIPB	1.32 14	eP	Sn	14 25 44.4 +0.2	baz=338	TDCB	baz=338	S	Sg	14 28 10.5 -0.9		
NANB	Nanau	0.78 19	eP	Pg	14 25 34.3 -1.1	TIPB	baz=13	TIPB	1.32 14	eP	Sn	14 25 44.4 +0.2	baz=292	WJS	Zhushan	0.71 286	eP	Pb	14 28 03.6 -0.1	
NANB	baz=11	eS	Sg	14 25 45.5 -0.2	MASBT	Mashbuluo	baz=206	MASBT	1.32 216	eP	Pn	14 25 44.4 +0.2	baz=292	WJS	baz=292	S	Sb	14 28 13.5 0.0		
WGK	Gukeng	0.83 270	P	Pb	14 25 36.9 +0.4	TWB1	Santiao Chiao	baz=17	TWB1	1.40 20	eP	Pb	14 25 45.9 -0.2	baz=268	CHNS	Tsauling	0.73 268	P	Pg	14 28 03.6 +0.3
WGK	baz=269	eS	Sb	14 25 48.2 +0.7	TWB1	baz=17	TWB1	1.40 20	eP	Pb	14 25 45.9 -0.2	baz=268	CHNS	baz=268	S	Sg	14 28 13.2 +0.3			
STYT	Tauyuan	0.84 232	P	Pg	14 25 36.2 -0.4	NWF	Wu-fen Shan	baz=12	NWF	1.40 12	eP	Pb	14 25 46.2 -0.1	baz=268	WNT	Mingjian	0.77 289	P	Pb	14 28 04.7 +0.1
STYT	baz=228	S	Sg	14 25 47.4 -0.2	NWF	baz=12	NWF	1.40 12	eP	Pb	14 25 46.2 -0.1	baz=268	WNT	baz=268	S	Sb	14 28 15.4 +0.3			
WDLH	Douliu	0.85 270	eP	Pb	14 25 37.2 +0.4	WFBS	Wu-fen Shan	baz=13	WFBS	1.40 12	eP	Pb	14 25 46.1 -0.1	baz=295	NNSB	Datong	0.80 354	P	Pg	14 28 04.3 -0.2
WDLH	baz=269	S	Sb	14 25 49.1 +0.9	TWS1	Kuangyinshan	baz=15	TWS1	1.41 358	eP	Pg	14 25 47.1 -0.2	baz=2.0	NNSB	baz=2.0	eS	Sg	14 28 14.1 -0.9		
TCU	Taichung	0.86 302	eP	Pn	14 25 37.8 -0.1	EAST	Anshuo	baz=195	EAST	1.42 204	eP	Pn	14 25 46.0 +0.4	baz=326	WHP	Taichung City	0.81 323	P	Pg	14 28 04.7 0.0
TPUB	Ta-pu	0.86 244	P	Pb	14 25 37.1 +0.1	YM01	YM10	baz=9.0	YM01	1.45 4	eP	Pb	14 25 47.0 -0.1	baz=326	WHP	baz=326	eS	Sg	14 28 14.2 -1.0	
TPUB	baz=241	S	Sg	14 25 48.0 -0.5	YM10	YM10	baz=9.0	YM10	1.46 3	eP	Pb	14 25 46.9 -0.3	baz=229	STYT	Tauyuan	0.81 235	P	Pg	14 28 04.4 -0.3	
CHN4	Tsaushan	0.87 247	eP	Pb	14 25 37.7 +0.5	YM11	YM11	baz=6.0	YM11	1.47 4	eP	Pg	14 25 47.9 -0.8	baz=229	STYT	baz=229	iS	Sg	14 28 14.7 -0.5	
CHN4	baz=245	S	Sg	14 25 48.7 0.0	ANP	Anpu	baz=18	ANP	1.49 2	eP	Pb	14 26 06.6 +0.6	baz=1.0	NNS	Nan Shan	0.81 353	P	Pg	14 28 04.7 -0.1	
WTP	Ta-pu	0.90 241	P	Pg	14 25 37.8 +0.1	ANP	baz=18	ANP	1.49 2	eP	Pb	14 26 06.6 +0.6	baz=1.0	NNS	baz=1.0	S	Sg	14 28 15.6 +0.1		
WTP	baz=250	S	Sg	14 25 49.3 -0.3	SCZT	Fangliu	baz=205	SCZT	1.53 211	eP	Pb	14 25 48.1 -0.2	baz=1.0	ENA	Nanau	0.83 17	eP	Pg	14 28 04.5 -0.6	
NDT	Datong Townshi	0.91 2	eP	Pb	14 25 37.6 -0.2	JYNG	Yongqijimaku	1.55 60	JYNG	1.55 60	P	Pn	14 25 47.9 +0.6	baz=1.0	NANB	Nanau	0.83 17	eP	Pg	14 28 04.2 -0.9
NDT	baz=4.0	eS	Sg	14 25 49.2 -0.7	YOJ	Yongqunijima	1.60 61	YOJ	1.60 61	P	Pn	14 25 48.0 -0.1	baz=1.0	NANB	baz=1.0	eS	Sg	14 28 04.2 -0.9		
TWQ1	Liyutan	0.92 316	eP	Pb	14 25 38.2 +0.3	PHUB	Peng-hu	baz=245	PHUB	1.75 265	eP	Sn	14 26 09.0 +0.4	baz=275	WGK	Gukeng	0.84 274	P	Pg	14 28 06.0 -0.1
TWQ1	baz=325	eS	Sb	14 25 51.0 +1.0	PHUB	baz=245	PHUB	1.75 265	eP	Sn	14 26 09.0 +0.4	baz=275	WGK	baz=275	S	Sb	14 28 17.4 +0.2			
WCHH	Zhanghua	0.92 295	eP	Pb	14 25 38.3 +0.3	PNG	Penghu	baz=267	PNG	1.76 266	eP	Pn	14 25 50.9 +0.6	baz=254	TPUB	Ta-pu	0.84 247	P	Pg	14 28 05.5 +0.2
TWG	Pinlang	0.94 203	eP	Pg	14 25 37.8 -0.7	PNG	baz=267	PNG	1.76 266	eP	Pn	14 25 50.9 +0.6	baz=254	TPUB	baz=254	S	Sg	14 28 16.0 -0.4		
TWG	baz=188	eS	Sg	14 25 49.6 -1.2	IRIF	Iriomote-Funau	2.16 72	IRIF	2.16 72	P	Pn	14 25 56.2 +0.8	baz=259	CHN4	Tsaushan	0.86 251	P	Pb	14 28 06.0 -0.1	
TWGBT	Beinan	0.94 203	eP	Pg	14 25 37.4 -1.1	IRIF	baz=207	IRIF	2.25 306	e										

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tainan City, Liugui, Anpu, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YM05, YM11, ANP, etc.

31d 14h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WJS, CHN5, WNT, etc.

ISCJB 31 14:28:37.9.0.3,23.69N,0.01.121.49E,0.02, h6km,2km, Error ellipse: s-maj=2.7km s-min=1.6km az=37.0 TAP 31 14:28:38.3,23.71N,121.42E, h14km,ML3.2,C JMA 31 14:28:38.3,23.69N,121.49E, h7km ISC 31 14:28:38.2,0.8,23.69N,0.02,121.46E,0.02, h14km,4km, n84, c052/134, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like EGFG, EGFH, ESL, etc.

31d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YM11, YJNG, YOJ, YON, YRIF, JKRS, JIJ, JISG.

JMA 31 14:30:23.3,23:58N,121:56E,h2km,1km
TAP 31 14:30:23.7,23:64N,121:42E,h12km,ML2.5,C
ISCJB 31 14:30:24.0,0.3,23:63N,0.0,121:43E,0.02,h11km,1km,

Main table for 31d 14h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including EGFG, HGSD, EHY, ESH, YULB, ENLB, VWDT, TWF1, HWA, TWD, YUS, YSLB, CHGB, WHF, WHYT, NACB, SMLT, ETLH, ELDTW, TYC, DPDB, TDCB, CHNS, STYT, WHP, NNSB, NNS, WKG, TPUB, ENA, NANB, NANB, WNB, TWG, TWGB, CHN1, SGST, NDT, ENT, YHNB, YHNB, NSTT, NSTT.

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Table for 2013 OCT section with columns: LIOB, Emei, LIOB, ECL, ECL, SSD, MASBT, MASBT, YJOY, YRIF, JIJ.

TAP 31 14:30:32.8,24:46N,121:86E,h11km,ML2.0,2C,D,

Table for 2013 OCT section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like NANB, ENA, ENA, TWC, TWC, EOS1, TWE, TWE, ILA, ILA, ENT, ENT, NDT, SLBB, NNSB, NNS, NNS, TIPB, TIPB.

ISCJB 31 14:32:42.5,0.5,8:48S,0:04,121:28E,0:04,h186km,5km,
mb4,1/1, Error ellipse: s-maj=7.7km s-min=5.4km az=26.5
DJA 31 14:32:43.5,0.4,8:53S,12:1E,h174km,4km,M3,4/2,
MLV3,4/12

Table for 2013 OCT section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like EDFI, EDFI, MMRI, MMRI, WBSI, WBSI, BATI, BATI, BATI, BATI, SOEI, SOEI, BBSI, BBSI, BKSI, BKSI, PLAI, PLAI, KAPI, KAPI, BNSI, BNSI, TWSI, TWSI, SPSI, SPSI, GTOI, GTOI, FITZ, FITZ, FITZ, FITZ, SIJI, SIJI, WRA, WRA, LWLI, LWLI, JMBI, JMBI, ASAR, ASAR, ASAR, ASAR, STKA, STKA.

SJA 31 14:40:44.0,1.0,24:09S,67:16W,h178km,14km,ML2.5,
MW2.9
ISCJB 31 14:40:45.2,1.3,24:04S,0:07,67:23W,0:04,
h169km,15km, Error ellipse: s-maj=11.2km s-min=6.2km
az=14.6

GUC 31 14:40:45.8,0.3,23:93S,67:58W,h211km,6km,ML3.3
ISC 31 14:40:42.6,2.9,24:00S,0:08,67:18W,0:05,
h197km,27km,n2,0,c190/31,6C-1D,Chile-Argentina
border region

Table for 2013 OCT section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like HJA, HJA, AZAP, AZAP, AZAP, AZAP, LVC, LVC, LVC, LVC, PB15, PB15, PB15, PB15, YJA, YJA, GO02, GO02, GO02, GO02, PB06, PB06, PB06, PB06, PB06, PB06, PB09, PB09, PB09, PB09, ENA, ENA.

1602

Table for 1602 section with columns: PB03, PB03, PB03, PB03, PB10, PB10, PB10, PB04, PB04, PB04, PB07, PB07, PB07, PB07, PB02, PB02, PB02.

ISCJB 31 14:41:39.9,0.3,23:64N,0:01,121:47E,0:02,h5km,2km,
Error ellipse: s-maj=2.9km s-min=1.6km az=32.8
JMA 31 14:41:39.1,0.1,23:61N,121:50E,h1km,2km
TAP 31 14:41:39.9,23:64N,121:42E,h10km,ML2.7,C
ISC 31 14:41:40.0,0.8,23:63N,0.0,121:46E,0.02,h12km,5km,

Main table for 1602 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like EGFG, EGFG, HGSD, HGSD, EHY, EHY, ESH, ESH, YULB, YULB, YULB, ENLB, ENLB, VWDT, VWDT, TWF1, TWF1, HWA, HWA, OWD, OWD, TWD, TWD, TWD, TWD, SSSLB, SSSLB, YUS, YUS, CHGB, CHGB, CHGB, CHGB, WHF, WHF, WHF, NACB, NACB, NACB, WHYT, WHYT, SMLT, SMLT, SMLT, SMLT, ETLH, ETLH, ETLH, ELDTW, ELDTW, TYC, TYC, DPDB, DPDB, DPDB, DPDB, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB, WJS, WJS, WJS, CHNS, CHNS, CHNS, WNT, WNT, WNT, WHP, WHP, WHP, NNSB, NNSB, NNSB, STYT, STYT, STYT, NNS, NNS, NNS, WKG, WKG, WKG, TPUB, TPUB, TPUB, ENA, ENA.

31d 15h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, YKWB Yellowknife Ar, YKWA Yellowknife Ar, etc.

2013 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C09A Chrisman Ranch, HAWA Hanford, I05D Terrebonne, etc.

1606

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GNI Garni, GNI Garni, SHME Sham, etc.

1607

YNR	Norris Junctio	74.19	45	P	P	15 12 42.4 +2.0
YUF	Upper Falls	74.28	45	P	P	15 12 42.5 +1.6
YPP	Pitchstone Pla	74.39	46	P	P	15 12 43.4 +1.8
HES	Vestal, Richgr	74.40	57	P	P	15 12 42.1 +0.7
H17A	Grant Village	74.44	45	P	P	15 12 44.3 +2.4
H17A	Grant Village	74.44	45	P	Iamb	15 12 44.0 +3.1
PKM	McPherson 0.9s	74.47	58	P	P	15 12 43.4 +1.2
IMW	Indian Meadow	74.55	46	P	P	15 12 43.6 +1.0
IMW	Indian Meadow	74.55	46	P	Iamb	15 12 45.7
FLWY	Flag Ranch	74.57	46	P	P	15 12 43.7 +1.1
FWXY	Fox Creek	74.66	46	P	P	15 12 43.6 +0.5
NWAO	Narrogin (SRO)	74.69 202		P	P	15 12 48.4 +5.5
NWAO	Narrogin (SRO)	74.69 202		P	Pmax	15 12 43.6 +0.7
NWAO	Narrogin (SRO)	74.69 202		P	Pmax	
NWAO	Narrogin (SRO)	74.69 202		P	Iamb	15 12 43.6 +0.7
NWAO	Narrogin (SRO)	74.69 202		P	Iamb	15 12 44.7
CWC	Cottonwood Cre	74.70	56	P	P	15 12 44.2 +0.8
RLMT	Red Lodge	74.71	44	P	P	15 12 44.2 +0.7
RLMT	Red Lodge	74.71	44	P	P	15 12 43.7 +0.3
MOOV	Moose Ponds	74.75	46	P	P	15 12 43.9 +0.2
HVU	Hansel Valley	74.79	49	P	P	15 12 45.1 +1.2
HVU	Hansel Valley	74.79	49	P	P	15 12 45.1 +1.2
TPAW	Teton Pass	74.79	46	P	P	15 12 45.0 +1.0
GRAC	Grapevine Rang	74.83	55	P	P	15 12 45.4 +1.4
ISA	Isabella, Lake	74.90	56	P	P	15 12 44.7 +0.2
ISA	Isabella, Lake	74.90	56	P	Pmax	15 12 44.5 0.0
ISA	Isabella, Lake	74.90	56	P	Pmax	15 12 44.5 0.0
ISA	Isabella, Lake	74.90	56	P	P	15 12 44.5 0.0
LOHW	Long Hollow	74.91	46	P	P	15 12 45.1 +0.5
SNOW	Snow King Moun	74.92	46	P	Iamb	15 12 44.9 +0.2
SNOW	Snow King Moun	74.92	46	P	Iamb	15 12 47.7
REDW	Red Top Meadow	74.93	46	P	P	15 12 46.2 +1.4
ARVC	Arvin	74.99	57	P	P	15 12 45.6 +0.7
DAC	Darwin (Calif)	75.11	56	P	Pmax	15 12 48.0 +2.1
DAC	Darwin (Calif)	75.11	56	P	Pmax	15 12 48.0 +2.1
DAC	Darwin (Calif)	75.11	56	P	P	15 12 48.0 +2.1
AHD	Auburn Hatcher	75.16	47	P	P	15 12 46.8 +0.8
R11A	Troy Canyon, C	75.16	53	P	P	15 12 47.1 +1.1
R11A	Troy Canyon, C	75.16	53	P	P	15 12 46.3 +0.2
BGU	Big Grassy Mou	75.16	49	P	P	15 12 46.3 +0.3
DGMT	Dagmar	75.21	39	P	P	15 12 46.7 +0.7
DGMT	Dagmar	75.21	39	P	P	15 12 46.6 +0.6
DGMT	Dagmar	75.21	39	P	Iamb	15 12 47.8
DGMT	Dagmar	75.21	39	P	Iamb	15 12 47.8
MPMC	Manual Prospec	75.31	56	P	P	15 12 47.9 +0.9
LAO	LASA Array	75.34	42	P	P	15 12 47.9 +1.0
LAO	LASA Array	75.34	42	P	P	15 12 47.6 +0.8
LAO	LASA Array	75.34	42	P	Iamb	15 12 49.3
OSI	Osito Audit: C	75.36	57	P	P	15 12 48.4 +1.3
OSI	Osito Audit: C	75.36	57	P	P	15 12 47.6 +0.5
BSG	Laguna Peak, P	75.43	58	P	P	15 12 48.5 +1.0
FURC	Furnace Creek,	75.47	55	P	P	15 12 48.2 +0.6
LRMC	Laurel Mt Rd	75.53	56	P	P	15 12 48.8 +0.6
TPNV	Topopah Spring	75.58	54	P	P	15 12 49.0 +0.5
TPNV	Topopah Spring	75.58	54	P	Pmax	15 12 49.2 +0.7
TPNV	Topopah Spring	75.58	54	P	Pmax	15 12 49.2 +0.7
TPNV	Topopah Spring	75.58	54	P	Iamb	15 12 49.1 +0.7
TPNV	Topopah Spring	75.58	54	P	Iamb	15 12 50.9
SNCC	San Nicolas Is	75.63	59	P	P	15 12 49.8 +1.2
EDW2	Edwards Air Fo	75.68	57	P	P	15 12 49.7 +0.7
DUG	Dugway, Tooele	75.74	50	P	P	15 12 50.8 +1.4
DUG	Dugway, Tooele	75.74	50	P	P	15 12 50.8 +1.4
DUG	Dugway, Tooele	75.74	50	P	Pmax	15 12 50.6 +1.3
DUG	Dugway, Tooele	75.74	50	P	Iamb	15 12 50.6 +1.3
DUG	Dugway, Tooele	75.74	50	P	Iamb	15 12 50.6 +1.3
PASC	Pasadena Art C	75.98	58	P	P	15 12 51.5 +0.8
PASC	Pasadena Art C	75.98	58	P	Iamb	15 12 52.7
TSCUT	Toone Canyon	76.00	49	P	P	15 12 52.0 +1.0
MWC	Mount Wilson	76.03	57	P	Pmax	15 12 51.6 +0.4
MWC	Mount Wilson	76.03	57	P	Pmax	15 12 51.6 +0.4
MWC	Mount Wilson	76.03	57	P	P	15 12 51.6 +0.4
MWC	Mount Wilson	76.03	57	P	P	15 12 51.6 +0.5
BW06	Boulder Array	76.04	46	P	P	15 12 51.2 +0.1
BW06	Boulder Array	76.04	46	P	Iamb	15 12 52.6
PD31	Pinedale Array	76.04	46	P	P	15 12 51.3 +0.2
PD31	Pinedale Array	76.04	46	P	Iamb	15 12 52.5
PDAR	Pinedale Array	76.04	46	P	P	15 12 51.9 +0.7
PDAR	Pinedale Array	76.04	46	P	LR	15 12 40.7
PDAR	Pinedale Array	76.04	46	P	P	15 12 51.5 +0.4
STU	Camp Tracy	76.07	49	P	P	15 12 52.2 +0.9
PSUT	Pine Spruce	76.12	52	P	P	15 12 52.9 +1.1
SORM	Soroca	76.15	321	P	P	15 12 51.6 +0.3
GSC	Goldstone, Bar	76.21	56	P	P	15 12 52.5 +0.4
GSC	Goldstone, Bar	76.21	56	P	Pmax	15 12 52.5 +0.4
GSC	Goldstone, Bar	76.21	56	P	Pmax	15 12 52.5 +0.4
GSC	Goldstone, Bar	76.21	56	P	P	15 12 52.5 +0.4
GSC	Goldstone, Bar	76.21	56	P	P	15 12 52.5 +0.4
BFSO	Mount Baldy Ra	76.29	57	P	P	15 12 53.0 +0.4
JLU	Jordanelle	76.30	49	P	P	15 12 53.8 +1.1
NLU	North Lily Min	76.33	50	P	P	15 12 53.7 +0.9
SC12	San Clemente I	76.45	59	P	P	15 12 54.4 +1.1
SHPR	Sheep Range	76.54	54	P	P	15 12 55.3 +1.3
MPU	Maple Canyon	76.56	50	P	P	15 12 55.0 +0.9
KIS	Kishinev	76.68	320	eP	MLR	15 12 43.0 -1.1
KIS	Kishinev	76.68	320	eP	MLR	15 49 08.0
KIS	Kishinev	76.68	320	eP	MLR	15 12 43.0 -1.1
KIS	Kishinev	76.68	320	eP	MLR	15 12 43.0 -1.1
KIS	Kishinev	76.68	320	eP	MLR	15 12 43.0 -1.1
DKIM	Dikmen	76.69	313	P	P	15 12 55.0 +0.5
DKIM	Dikmen	76.69	313	P	P	15 12 56.5
TUQ	Turquoise Moun	76.70	55	P	P	15 12 55.5 +0.6
HEC	Hector, Ludlow	76.80	56	P	P	15 12 56.2 +0.8
SHAQ	Shalim	76.91	283	P	P	15 12 56.2 +0.1
TCRU	Three Creeks R	76.94	51	P	P	15 12 57.4 +1.1
MURC	Murietta	76.98	58	P	P	15 12 56.8 +0.4
CCUT	Cedar City	77.03	52	P	P	15 12 58.1 +1.2
LVV	L'vov	77.05	324	eP	MLR	15 12 57.0 +0.6
LVV	L'vov	77.05	324	eP	MLR	15 12 57.0 +0.6
LVV	L'vov	77.05	324	eP	MLR	15 12 57.0 +0.6
LVV	L'vov	77.05	324	eP	MLR	15 12 57.0 +0.6
LVV	L'vov	77.05	324	eP	MLR	15 12 57.0 +0.6
MSU	Marysville	77.17	51	P	P	15 12 58.7 +1.1

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MSU	Marysville	77.17	51	P	P	15 12 58.7 +1.1
SZCU	Shurtz Canyon	77.18	52	P	P	15 12 58.6 +1.0
IASU	Iasi	77.18	321	P	P	15 12 52.3 -4.9
TMUT	Trail Mountain	77.27	50	P	P	15 12 59.1 +0.9
GMRC	Granite Mounta	77.27	56	P	P	15 12 58.6 +0.5
P17A	Butcher Ranch	77.44	50	P	P	15 13 00.1 +1.1
LCMT	Little Creek M	77.44	53	P	P	15 13 00.2 +1.2
MTPU	Mount Pierson	77.46	51	P	P	15 13 00.8 +1.4
PFO	Pinyon Flats O	77.46	57	P	P	15 12 59.7 +0.5
PFO	Pinyon Flats O	77.46	57	P	P	15 12 59.8 +0.6
PFO	Pinyon Flats O	77.46	57	P	P	15 13 00.0 +0.8
PFO	Pinyon Flats O	77.46	57	P	Pmax	15 13 00.0 +0.8
PFO	Pinyon Flats O	77.46	57	P	Pmax	15 13 00.0 +0.8
PFO	Pinyon Flats O	77.46	57	P	P	15 13 01.1
Q16A	Castle Valley	77.53	50	P	P	15 13 00.6 +1.0
BELC	Belle Mtin, Jos	77.53	57	P	P	15 12 59.5 -0.1
KNB	Kanab	77.70	53	P	P	15 13 01.8 +1.3
KNB	Kanab	77.70	53	P	Pmax	15 13 01.8 +1.3
KNB	Kanab	77.70	53	P	P	15 13 01.9 +1.3
KNB	Kanab	77.70	53	P	P	15 13 02.1 +1.1
KNB	Kanab	77.70	53	P	P	15 13 01.8 +0.8
PKUC	Pink Cliffs	77.76	52	P	P	15 13 01.8 +0.8
SRU	San Rafael Swe	77.80	50	P	Pmax	15 13 01.8 +0.8
SRU	San Rafael Swe	77.80	50	P	P	15 13 01.7 +0.6
K22A	Casper	77.82	45	P	P	15 13 01.7 +0.6
K22A	Casper	77.82	45	P	P	15 13 01.7 +0.6
BAR	Barrett	77.89	58	P	P	15 13 02.3 +0.9
MDND	Maddock	77.89	38	P	P	15 13 01.9 +0.7
MDND	Maddock	77.89	38	P	P	15 13 01.9 +0.7
MDND	Maddock	77.89	38	P	P	15 13 00.7 +0.6
ULM	Lac du Bonnet	77.89	34	P	P	15 13 00.7 -0.4
ULM	Lac du Bonnet	77.89	34	P	P	15 13 01.3 +0.2
ULM	Lac du Bonnet	77.89	34	P	Pmax	15 13 01.3 +0.2
ULM	Lac du Bonnet	77.89	34	P	P	15 13 01.3 +0.2
ULM	Lac du Bonnet	77.89	34	P	P	15 13 01.3 +0.2
MONPZ	Monument Peak	77.92	58	P	P	15 13 02.6 +0.8
ILGA	Ilgaz	77.96	313	P	Iamb	15 13 03.3 +0.1
ILGA	Ilgaz	77.96	313	P	Iamb	15 13 04.3
IRM	Iron Mountain	77.99	56	P	P	15 13 02.7 +0.7
BUR08	Bucovina Ar. S	78.03	322	P	P	15 13 02.4 +0.4
BUR08	Bucovina Array	78.04	322	P	P	15 13 02.4 +0.3
BUR08	Bucovina Array	78.04	322	P	P	15 13 15.1
BUR08	Bucovina Array	78.04	322	P	P	15 13 02.3 +0.3
BUR08	Bucovina Array	78.04	322	P	P	15 13 02.4 -0.2
BUR08	Bucovina Array	78.04	322	P	Iamb	15 13 03.5
BIZ	Bicaz	78.08	321	P	P	15 13 03.0 +0.8
BC3	Big Chuckawall	78.10	57	P	P	15 13 03.1 +0.4
TESR	Tescani	78.10	321	P	P	15 13 02.8 +0.4
RSSD	Black Hills	78.20	43	P	P	15 13 03.7 +0.4
RSSD	Black Hills	78.20	43	P	P	15 13 03.6 +0.4
RSSD	Black Hills	78.20	43	P	Pmax</	

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T25A	Trinidad	82.72	48	P	P	15 13 28.2 +0.6
T25A	comp=Z,19nm,0.9s				IAmb	15 13 29.9
ARSA	Arzberger	82.74	327	i	PcP	15 13 28.8 +1.5
MOA	Mollin	82.81	328	i	PcP	15 13 28.9 +1.3
ANMO	Albuquerque	82.97	51	P	P	15 13 29.8 +0.8
ANMO	Albuquerque	82.97	51	P	P	15 13 29.8 +0.8
ANMO	Albuquerque	82.97	51	P	P	15 13 30.0 +1.1
ANMO	comp=Z,16nm,1.0s				pmax	
ANMO	Albuquerque	82.97	51	P	IAmb	15 13 30.1 +1.1
ANMO	comp=Z,16nm,1.0s				IAmb	15 13 31.7
SPNM	Marine on St.	83.01	36	P	P	15 13 28.9 +0.2
ELL	Elmal	83.04	312	P	P	15 13 29.2 0.0
ELL	comp=Z,54nm,1.0s				pmax	
ELL	Elmal	83.04	312	P	P	15 13 29.1 0.0
LENN	Lemitar	83.18	52	P	P	15 13 31.5 +1.5
BGNE	Belgrade	83.19	41	P	P	15 13 30.3 +0.5
BGNE	Belgrade	83.19	41	P	P	15 13 30.1 +0.3
LPM	Los Pinos Moun	83.29	51	P	P	15 13 30.9 +0.3
SOKA	Sobotnik	83.40	327	i	P	15 13 30.3 -0.4
BNM	Barren Site	83.47	33	P	P	15 13 32.8 +1.6
D41A	Chassel	83.47	33	P	P	15 13 30.6 -0.4
319A	Douglas	83.56	55	P	P	15 13 32.8 +0.9
PMOR	Pomarioleo Ree	83.67	115	eT	T	16 45 43.5
G39A	Holcombe	83.71	35	P	P	15 13 32.1 -0.2
OBKA	Obir	83.74	327	i	P	15 13 29.4 -3.1
STIP	Stip	83.79	320	i	P	15 13 32.6 -0.2
KBA	Koelnbreinsper	83.80	328	i	PcP	15 13 32.8 -0.1
VAY	Valandovo	83.86	319	i	P	15 13 34.0 +0.9
SCHQ	Schefferville	83.87	17	LR	LR	15 53 50.1
BLV	Banja Luka	83.93	324	P	IAmb	15 13 33.1 -0.3
BLV	comp=Z,22nm,1.5s				IAmb	15 13 39.1
SKO	Skopje	83.96	320	i	P	15 13 35.0 +1.3
COWI	Conover	83.98	33	P	IAmb	15 13 33.2 -0.5
COWI	comp=Z,8.7nm,0.7s				IAmb	15 13 34.3
MYKA	Terra Mystica	84.03	327	i	P	15 13 33.8 -0.2
G40A	Rib Lake	84.16	35	P	P	15 13 34.6 0.0
G40A	Rib Lake	84.16	35	P	P	15 13 34.6 0.0
G40A	comp=Z,17nm,0.8s				IAmb	15 13 35.9
CBKS	Cedar Bluff	84.20	44	P	P	15 13 34.8 -0.2
PPT2	Papeete2	84.22	118	eLR	LR	15 40 03.9
PPT2	Papeete2	84.22	118	eT	T	16 46 23.2
WATA	Walders	84.32	329	i	PcP	15 13 38.0 +2.5
WTTA	Wattenberg	84.35	329	i	PcP	15 13 36.0 +0.2
TIAR	Tiarei	84.36	117	eT	T	16 46 32.9
ABTA	Abfaltersbach	84.41	328	i	P	15 13 35.6 -0.4
MOTA	Moosalm	84.50	329	i	PcP	15 13 36.7 +0.2
RETA	Reutim	84.53	330	i	PcP	15 13 36.9 +0.4
SQTA	Sankt Quirin	84.56	329	i	PcP	15 13 36.5 -0.2
E43A	Lone Tree Farm	84.67	32	P	P	15 13 37.1 -0.1
E43A	Lone Tree Farm	84.67	32	P	P	15 13 35.7 -1.4
F42A	Maple Grove Fa	84.68	33	P	IAmb	15 13 37.5 +0.3
F42A	comp=Z,16nm,0.7s				IAmb	15 13 38.6
PDG	Podgorica	84.71	322	i	P	15 13 37.6 +0.2
PDG	comp=Z,473nm,24.0s				mb	15 13 39.2
PDG	Podgorica	84.71	322	P	IAmb	15 13 37.0 -0.4
PDG	comp=Z,24nm,1.0s				IAmb	15 13 39.3
STAL	STALIGIAL	84.71	328	P	IAmb	15 13 36.4 -1.0
STAL	comp=Z,9.5nm,0.5s				IAmb	15 13 47.3
BFO	Black Forest	84.78	331	i	P	15 13 38.8 +1.1
BFO	Black Forest	84.78	331	P	IAmb	15 13 37.7 0.0
BFO	comp=Z,25nm,1.3s				IAmb	15 13 55.3
LIT	Litokhoron	84.80	318	P	P	15 13 37.6 -0.4
LIT	comp=Z,20nm,1.0s				pmax	
LIT	Litokhoron	84.80	318	P	IAmb	15 13 37.6 -0.4
LIT	comp=Z,20nm,1.0s				IAmb	15 13 39.2
FNA	Florina	84.87	319	P	P	15 13 37.7 -0.7
FNA	comp=Z,12nm,1.1s				pmax	
FNA	Florina	84.87	319	P	P	15 13 37.7 -0.7
DAVA	Damuels	85.04	330	i	PcP	15 13 39.5 +0.3
IC1A	Arkdale	85.25	35	P	P	15 13 40.0 -0.1
IC1A	State Center	85.32	38	P	P	15 13 41.0 +0.5
MATO	Matagami	85.38	25	P	P	15 13 39.8 -0.9
D46A	Sault Ste. Mari	85.46	30	P	P	15 13 41.0 -0.1
KARP	Karpathos	85.47	312	P	P	15 13 39.9 -1.5
MEH	Mehetia	85.47	117	eT	T	16 47 56.2
KSU1	Kansas State U	85.68	42	P	P	15 13 42.5 +0.1
E46A	Sault Ste Mari	85.78	31	P	P	15 13 42.6 -0.1
I42A	Draeger Farm,	85.81	35	P	P	15 13 43.1 +0.2
I42A	comp=Z,22nm,0.3s				IAmb	15 13 43.9
I42A	Draeger Farm,	85.81	35	P	P	15 13 43.0 +0.2
I42A	comp=Z,16nm,0.7s				IAmb	15 13 43.9
MNTX	Cornudas Mount	85.83	53	P	P	15 13 43.9 +0.6
F45A	CMU Biological	85.84	32	P	P	15 13 43.3 +0.3
H43A	Windswept, Lux	85.86	34	P	P	15 13 43.4 +0.3
H43A	Windswept, Lux	85.86	34	P	P	15 13 43.6 +0.4
MSTX	Muleshoe	85.86	49	P	P	15 13 44.1 +0.6
AMTX	Amarillo	85.87	48	P	P	15 13 44.3 +0.8
AMTX	comp=Z,26nm,0.9s				IAmb	15 13 45.8
TUE	Stuetta	85.92	330	P	P	15 13 43.4 -0.3
JFW5	Jewell Farm	85.96	36	P	P	15 13 43.5 -0.2
E47A	Iron Bridge	86.12	30	P	P	15 13 44.3 -0.1
L40A	Anamosa	86.16	37	P	P	15 13 44.9 +0.2
LSQO	Lebel-sur-Quev	86.21	25	P	P	15 13 44.9 +0.1
CHGO	Chibougamau	86.30	23	P	P	15 13 45.2 0.0
G45A	Suttons Bay	86.31	32	P	P	15 13 45.8 +0.5
G46A	Petoskey	86.41	32	P	P	15 13 46.3 +0.5
E48A	Lockeyer	86.53	29	P	P	15 13 46.4 0.0
D50A	G1974 Best Tow	86.63	28	P	P	15 13 47.6 -0.2
D51A	Lot 18 Range I	87.06	27	P	P	15 13 48.8 -0.2

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ITM	Ithomi	87.23	317	P	P	15 13 49.9 -0.1
I46A	Reed City	87.28	33	P	P	15 13 50.5 +0.4
N41A	Harden Midland	87.38	38	P	P	15 13 51.3 +0.7
E51A	G1948 Merrick	87.49	28	P	P	15 13 51.5 +0.4
D52A	ZEK Kipawa Sen	87.50	27	P	P	15 13 51.3 +0.1
WMOK	Wichita Mounta	87.65	46	P	P	15 13 52.9 +0.8
WMOK	Wichita Mounta	87.65	46	P	P	15 13 52.8 +0.7
WMOK	comp=Z,9.0nm,1.1s				pmax	
WMOK	Wichita Mounta	87.65	46	P	P	15 13 52.8 +0.7
I48A	Sherman Twp	87.81	31	P	P	15 13 53.4 +0.8
F51A	Arnstein	87.85	28	P	P	15 13 53.2 +0.4
D54A	Lac Fusel, La	87.96	26	P	P	15 13 53.2 -0.1
J47A	Summer	88.12	33	P	P	15 13 55.1 +1.0
M44A	Mildewin, Midew	88.18	36	P	P	15 13 55.1 +0.7
F52A	Sundridge	88.18	28	P	P	15 13 54.6 +0.3
TBI	Tubuai	88.21	122	eLR	LR	15 42 06.8
TBI	comp=Z,224nm,23.5s				mb	16 51 20.3
TBI	Tubuai	88.21	122	eT	T	16 51 20.3
HDIL	Hopedale	88.25	37	P	P	15 13 55.1 +0.3
E54A	Lac d'Applat, Po	88.40	26	P	P	15 13 55.8 +0.4
BUKO	Buck Lake	88.45	28	P	P	15 13 56.0 +0.4
TUL1	Leonard	88.47	44	P	P	15 13 57.1 +1.2
L46A	Eue Claire	88.47	34	P	P	15 13 56.3 +0.5
D55A	Sainte-Anne-du	88.48	25	P	P	15 13 56.1 +0.4
K47A	Vermontville	88.50	33	P	P	15 13 56.5 +0.5
J48A	Bridge Port	88.51	32	P	P	15 13 56.7 +0.7
J48A	Bridge Port	88.51	32	P	P	15 13 56.7 +0.7
TXAR	Lajitas Array	88.52	53	P	P	15 13 57.0 +0.6
TXAR	comp=Z,5.3nm,0.6s,slow=3.6,SNR=8.5				P	
TXAR	Lajitas Array	88.52	53	P	P	15 13 56.6 +0.2
ABTX	Abilene, Hawie	88.67	48	P	P	15 13 57.8 +0.8
D56A	ZEC Mazanza, M	88.69	25	P	P	15 13 57.2 +0.5
J49A	Mariette	88.72	32	P	P	15 13 58.1 +1.1
K48A	Perry	88.77	33	P	P	15 13 57.6 +0.4
E55A	Montceff-Lyto	88.77	26	P	P	15 13 57.3 +0.2
P43A	Skaggs, Pawnee	88.85	38	P	P	15 13 58.0 +0.3
P43A	Skaggs, Pawnee	88.85	38	P	IAmb	15 13 57.6 0.0
P43A	comp=Z,16nm,0.8s				IAmb	15 13 59.2
CLWO	Collingwood	88.95	29	P	P	15 13 58.4 +0.3
G54A	Lake Saint Pet	88.97	27	P	P	15 13 58.3 +0.1
G53A	Haliburton	89.01	28	P	P	15 13 58.7 +0.4
PEMO	Pembroke	89.03	27	P	P	15 13 58.5 +0.2
E56A	St. Veronique	89.04	25	P	P	15 13 58.8 +0.4
HHAR	Hobbs	89.19	43	P	P	15 13 59.6 +0.3
CCM	Cathedral Cave	89.23	40	P	P	15 13 59.9 +0.4
CCM	Cathedral Cave	89.23	40	P	pmax	15 13 59.8 +0.3
CCM	Cathedral Cave	89.23	40	P	IAmb	15 13 59.8 +0.3
CCM	comp=Z,21nm,0.9s				IAmb	15 14 00.1
M47A	Cromwell	89.29	34	P	P	15 14 00.1 +0.4
L48A	N Adams	89.34	33	P	P	15 14 00.2 +0.3
BANO	Bancroft	89.35	28	P	P	15 14 00.3 +0.4
MGMO	Mountain Grove	89.40	41	P	IAmb	15 14 00.6 +0.3
MGMO	comp=Z,14nm,0.9s				IAmb	15 14 01.5
SFIN	Lafayette	89.41	36	P	P	15 14 00.7 +0.4
SFIN	Lafayette	89.41	36	P	IAmb	15 14 00.4 +0.1
SFIN	comp=Z,16nm,0.8s				IAmb	15 14 01.5
K50A	Casco	89.42	32	P	P	15 14 00.8 +0.5
L49A	Milan	89.49	33	P	P	15 14 01.0 +0.4
L49A	comp=Z,35,SNR=7.7				P	
L49A	Bocbaygeon	89.49	28	P	P	15 14 01.0 +0.4
G55A	Calabogie	89.59	27	P	P	15 14 01.1 +0.1
M48A	Edgerton	89.59	34	P	P	15 14 01.5 +0.4
PLVO	Plevna	89.64	27	P	P	15 14 01.2 -0.1
N47A	Urbana	89.65	35	P	P	15 14 01.2 -0.2
U40A	Yellville	89.71	42	P	P	15 14 01.8 0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like V48A Smith Brothers, Q54A Cox's Mills, U50A Jamestown, etc.

SJA 31 15:02:25.7:0.8,30:22Sx70:95W,h82km,4km,ML2.8, MW2.9

ISCJB 31 15:02:26.2:1.0,30:20S:0:04:70:97W,0:09,h87km,8km, Error ellipse: s-maj=12.5km s-min=6.4km az=177.4

GUC 31 15:02:26.5:0.4,30:16S:70:73W,h73km,3km,ML3.0

ISC 31 15:02:27.3:1.6,30:21S:0:04:70:96W,0:08,h78km,9km, n16,e0561/23,1C-4D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G004 Tololo Observa, CO02 Combarbal, AMOG MOGNA, etc.

IDC 31 15:08:30.0:1.2,26:29N:110:40W,h0km,mb3.7/1, mb1 3.8/5,mb1mx3.6/35,mbtrmp3.4/5,ML3.7/5,MS3.7/2, Ms1 3.7/2,ms1mx3.1/44,Error ellipse: s-maj=22.2km s-min=13.0km az=89.0

MEX 31 15:08:30.1:0.4,26:34N:110:52W,h9km,8km,MD4.2

ISC 31 15:08:29.8:1.1,26:38N:0:06:110:65W,0:08,h10km,n13, e265/12,Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUYB Guaymas, SRIG Santa Rosalia, LPIG La Paz, etc.

JMA 31 15:08:50.8:0.1,23:67N:121:47E,h0km

ISCJB 31 15:08:51.2:0.3,23:67N:0:01:121:49E,0:02,h3km,2km, Error ellipse: s-maj=2.7km s-min=1.6km az=30.6

TAP 31 15:08:51.5,23:68N:121:44E,h9km,ML2.8,C

ISC 31 15:08:51.4:0.8,23:67N:0:02:121:47E,0:02,h10km,5km, n82,e0644/140,5C-12D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGFH Guangfu, ESL Shilin, HGSD Ruisui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHY Chiayi, TWK Hsinying, TWK Hsinying, etc.

ISCJB 31 15:09:12.9:0.8,21:17S:0:05:67:62W,0:08, h211km,12km,Error ellipse: s-maj=12.5km s-min=7.5km

SJA 31 15:09:12.3:0.9,21:17S:67:44W,h213km,10km,ML3.0, MW2.9

GUC 31 15:09:12.8:1.4,21:14S:0:05:67:54W,0:07, h204km,15km,n22,e1901/35,3C-3D,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

31d 15h

PB06	IPOC Station P	2.45 230	i	Pn	15 09 57.4	+0.9
PB04	IPOC Station P	2.70 243	i	Pn	15 10 00.2	+0.8
PB04	IPOC Station P	2.70 243	i	Pn	15 10 34.4	-1.4
PB04	IPOC Station P	2.70 243	i	Pn	15 10 00.2	+0.8
PB15	IPOC Station P	2.73 221	i	Pn	15 10 00.8	+1.1
PB15	IPOC Station P	2.73 221	i	Pn	15 10 36.4	0.0
PB15	IPOC Station P	2.73 221	i	Pn	15 10 01.2	+1.5
HJA	Humaahuaca	2.85 137	i	Pn	15 10 01.9	+0.7
LPZA	La Paz	4.86 353	i	Pn	15 10 27.6	+1.5
TCA	Tanti	10.49 166	i	Pn	15 11 38.0	-0.3
ACAN	Cantantal	11.10 178	i	Pn	15 11 45.2	-0.8
MRA	San Martin	11.35 172	i	Pn	15 11 49.2	-0.2

DJA 31 15:29:31.5:0.3,9°S,2°12'0"E, h11km,2km, M3.9/16, mb4.0/4, MLv3.8/16, Flores region

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
WBSI	Waikabubak, Su	0.74 202	P	Pg	15 29 46.1	+0.2
WBSI	Waikabubak, Su	0.74 202	P	Sb	15 29 56.8	+0.2
WSI	Waingapu	0.95 139	P	Pg	15 29 49.8	+0.1
WSI	Waingapu	0.95 139	P	Sb	15 30 02.4	-0.1
PLAI	Plampang	1.88 274	P	Pn	15 30 03.6	+0.1
PLAI	Plampang	1.88 274	P	Sb	15 30 26.8	-0.4
EDFI	Ende, Flores	2.01 84	S	Pn	15 30 05.1	+0.1
EDFI	Ende, Flores	2.01 84	S	Sb	15 30 31.5	+0.9
MMRI	Maumere	2.56 83	P	Pn	15 30 14.4	+1.5
MMRI	Maumere	2.56 83	P	Sb	15 30 45.3	+1.2
TWSI	Taliwang, Sumb	2.76 274	P	Pn	15 30 16.6	+0.8
TWSI	Taliwang, Sumb	2.76 274	P	Sb	15 30 49.2	0.0
BKSI	Bulukumba	3.63 7	P	Pn	15 30 28.1	+0.4
BKSI	Bulukumba	3.63 7	P	Sb	15 31 08.5	-2.1
BATI	Baumata	4.13 108	P	Pn	15 30 33.7	-0.9
IGBI	Denpasar	4.47 271	P	Pn	15 30 40.1	+0.8
IGBI	Denpasar	4.47 271	P	Sb	15 31 30.3	-1.1
BBSI	Bau Bau	4.49 40	P	Pn	15 30 40.3	+0.8
BBSI	Bau Bau	4.49 40	P	Sb	15 31 32.2	+0.5
BNSI	Bone	4.54 6	P	Pn	15 30 40.1	-0.1
SOEI	Soe	4.61 100	P	Pn	15 30 43.0	+1.7
JAGI	Jajag, Banyuw	5.48 275	P	Pn	15 30 53.3	+0.2
TTSI	Tana Toraja	5.87 1	P	Pn	15 30 58.6	+0.1
GMJI	Gumukmas	6.19 276	P	Pn	15 31 04.0	+1.1

TAP 31 15:33:18.0,23°57'N,121°33'E, h7km, ML1.7, C, Taiwan

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
EHY	Hungye	0.06 185	P	Pg	15 33 19.5	-0.2
EHY	Hungye	0.06 185	P	Sg	15 33 21.4	+0.4
HGSD	Ruisui	0.12 130	P	Pg	15 33 20.8	+0.3
HGSD	Ruisui	0.12 130	P	Sg	15 33 22.8	+0.5
YULB	Yu-li	0.18 189	P	Pg	15 33 21.8	+0.2
YULB	Yu-li	0.18 189	P	Sg	15 33 24.5	+0.5
TWF1	Yuli	0.22 188	P	Pg	15 33 22.6	+0.3
TWF1	Yuli	0.22 188	P	eS	15 33 25.8	+0.5
VWDT	VWDT	0.25 317	P	Pg	15 33 23.1	+0.1
VWDT	VWDT	0.25 317	P	eS	15 33 27.1	+0.7
ESL	Shilin	0.26 21	P	Pg	15 33 24.0	+0.8
YULB	Yu-Shan	0.35 257	eS	Pg	15 33 30.9	+1.2
SSLB	Suanguang	0.41 303	P	Pg	15 33 25.8	-0.2
SSLB	Suanguang	0.41 303	P	eS	15 33 32.6	+1.3
ENLB	Shoufeng	0.42 37	eS	Sb	15 33 33.7	-0.5
WHYT	Xinyi Township	0.45 287	P	Pg	15 33 27.2	+0.4
ELDTW	Lidau	0.47 217	P	Pg	15 33 27.1	-0.1
ELDTW	Lidau	0.47 217	P	eS	15 33 33.6	+0.2
ALS	Alishan	0.48 263	P	Pb	15 33 28.3	-0.7
SMLT	Sun Moon Lake	0.50 309	P	Pg	15 33 27.9	+0.2
CHGB	Renai	0.51 344	eP	Pg	15 33 27.5	-0.5
TYC	Yuchr	0.55 308	eP	Pg	15 33 28.7	+0.1
TYC	Yuchr	0.55 308	eP	eS	15 33 36.3	+0.6
TWD	Chiawan	0.57 26	eP	Pb	15 33 30.4	+0.2
WHF	Hehuan Shan	0.58 354	eP	Pg	15 33 29.1	-0.1
CHN5	Tsauling	0.60 273	eP	Pg	15 33 30.1	+0.6
CHN5	Tsauling	0.60 273	eP	eS	15 33 39.0	-0.5
WJS	Zhushan	0.61 295	eS	Sb	15 33 38.7	-0.9
ETLH	Xiulin Townshi	0.65 12	eP	Pg	15 33 30.9	+0.2
ETLH	Xiulin Townshi	0.65 12	eP	S	15 33 40.5	-0.6
NACB	Ninganchiao	0.65 22	eP	Pb	15 33 32.2	+0.6
TPUB	Ta-pu	0.69 248	P	Pb	15 33 32.2	-0.3
TPUB	Ta-pu	0.69 248	P	eS	15 33 41.4	-0.9
CHN4	Tsaushan	0.71 252	eP	Pb	15 33 32.8	+0.2
CHN4	Tsaushan	0.71 252	eP	eS	15 33 43.2	+0.6
WTP	Ta-pu	0.73 244	eP	Pb	15 33 33.0	-0.1
WTP	Ta-pu	0.73 244	eP	eS	15 33 41.8	+0.2

TAP 31 15:33:22.6,23°69'N,121°43'E, h12km, ML2.0, C, C, Taiwan

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
EGFH	Guangfu	0.02 195	i	Pg	15 33 25.4	+0.6
EGFH	Guangfu	0.02 195	i	Sg	15 33 27.0	+0.7
ESL	Shilin	0.12 360	eP	Pb	15 33 26.9	-0.1
ESL	Shilin	0.12 360	eP	Sg	15 33 28.6	+0.5
ESL	Shilin	0.12 360	eP	Sg	15 33 28.6	+0.5
EHY	Hungye	0.21 209	i	Pg	15 33 27.9	-0.6
EHY	Hungye	0.21 209	i	Sg	15 33 30.9	+0.6
VWDT	VWDT	0.28 283	eP	Pb	15 33 29.6	+0.1
VWDT	VWDT	0.28 283	eP	eS	15 33 34.5	+0.3
YULB	Yu-li	0.32 203	eS	Sb	15 33 35.1	-0.4
OWD	Renai	0.35 318	eS	Pb	15 33 35.7	-0.8
TWF1	Yuli	0.36 200	eS	Sb	15 33 35.8	-0.9
TWD	Chiawan	0.41 21	S	Sg	15 33 37.3	+0.8
TWD	Chiawan	0.41 21	S	Pb	15 33 37.5	-0.7
CHGB	Renai	0.44 327	P	Sb	15 33 32.7	+0.3
CHGB	Renai	0.44 327	P	S	15 33 38.6	-0.5
CHGB	Renai	0.44 327	P	eS	15 33 33.0	+0.6
SSLB	Suanguang	0.45 282	P	Pg	15 33 31.6	+0.1
SSLB	Suanguang	0.45 282	P	S	15 33 38.6	-0.7

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Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
WHF	Hehuan Shan	0.48 341	P	Pb	15 33 33.2	0.0
WHF	Hehuan Shan	0.48 341	P	Sg	15 33 39.4	+0.8
YUS	Yu-Shan	0.49 246	eS	Sb	15 33 40.3	-0.4
NACB	Ninganchiao	0.50 17	eP	Pb	15 33 33.9	+0.5
NACB	Ninganchiao	0.50 17	eP	eS	15 33 41.0	+0.2
NACB	Ninganchiao	0.50 17	S	Sb	15 33 40.7	0.0
ETLH	Xiulin Townshi	0.52 5	eS	Sb	15 33 41.1	-0.1
SMLT	Sun Moon Lake	0.53 291	eP	Pb	15 33 34.0	+0.1
SMLT	Sun Moon Lake	0.53 291	eP	S	15 33 41.6	+0.1
SMLT	Sun Moon Lake	0.53 291	eP	Pb	15 33 34.5	+0.6
WHYT	Xinyi Township	0.53 271	P	Pb	15 33 34.5	+0.5
WHYT	Xinyi Township	0.53 271	eS	Sb	15 33 41.9	+0.3
WHYT	Xinyi Township	0.53 271	S	Pb	15 33 34.4	+0.4
TYC	Yuchr	0.57 292	eP	Pb	15 33 34.7	+0.1
TYC	Yuchr	0.57 292	eP	eS	15 33 43.4	+0.7
DPDB	Guoxing	0.58 306	P	Pb	15 33 35.5	+0.8
DPDB	Guoxing	0.58 306	P	S	15 33 43.3	+0.3
ALS	Alishan	0.60 253	P	Pb	15 33 35.7	+0.4
ALS	Alishan	0.60 253	eS	Sb	15 33 43.7	-0.3
ALS	Alishan	0.60 253	eS	Pb	15 33 36.2	+0.8
TWT	Tachien	0.61 337	P	Pb	15 33 35.6	+0.3
TWT	Tachien	0.61 337	P	Sb	15 33 43.7	-0.3
TDCB	Techi	0.61 336	P	Pb	15 33 35.6	+0.2
TDCB	Techi	0.61 336	P	Sg	15 33 43.0	+0.2
NNSB	Datong	0.74 356	P	Pb	15 33 37.9	+0.3
NNSB	Datong	0.74 356	P	S	15 33 47.8	+0.2
NNS	Nan Shan	0.75 356	eP	Pb	15 33 37.9	+0.2
NNS	Nan Shan	0.75 356	eS	Sb	15 33 48.7	+0.7
ENA	Nanau	0.79 21	eP	Pb	15 33 49.8	+0.9
NANB	Nanau	0.79 21	eP	Sb	15 33 39.0	-0.6
NANB	Nanau	0.79 21	eS	Sb	15 33 50.2	-1.2
WDLH	Douliu	0.82 270	eP	Pn	15 33 39.9	-0.1
WDLH	Douliu	0.82 270	eP	eS	15 33 51.7	-0.4
CHN4	Tsaushan	0.84 246	eP	Pn	15 33 41.0	+0.6
CHN4	Tsaushan	0.84 246	eP	eS	15 33 53.3	+0.6
NDT	Datong Townshi	0.91 5	P	Pn	15 33 41.2	-0.1
NDT	Datong Townshi	0.91 5	P	eS	15 33 53.1	+0.6

ISCJB 31 15:34:51.5:0.3,23°61'N,0°01'121°49'E,0.02, h2km,2km, Error ellipse: s-major=2.6km s-min=1.5km az=27.6
TAP 31 15:34:51.5,23°63'N,121°41'E,h8km,ML2.8,C
JMA 31 15:34:51.1,0.1,23°62'N,121°42'E,h0km
ISC 31 15:34:51.9:0.8,23°64'N,0°01'121°41'E,0.02,h11km,5km, n85,e074/153,3D,Taiwan

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
EGFH	Guangfu	0.04 26	i	Pg	15 34 53.7	-0.3
EGFH	Guangfu	0.04 26	i	Sg	15 34 55.0	-0.4
HGSD	Ruisui	0.14 175	P	Pg	15 34 55.3	+0.1
HGSD	Ruisui	0.14 175	P	Sg	15 34 58.5	+1.0
EHY	Hungye	0.15 212	i	Pg	15 34 55.1	-0.3
EHY	Hungye	0.15 212	i	Sg	15 34 57.4	-0.5
ESL	Shilin	0.18 7	i	Pg	15 34 56.1	+0.2
ESL	Shilin	0.18 7	i	Sg	15 34 58.6	0.0
YULB	Yu-li	0.26 203	P	Pg	15 34 56.9	-0.4
YULB	Yu-li	0.26 203	S	Pb	15 35 00.8	-0.2
VWDT	VWDT	0.27 296	P	Pb	15 34 58.2	-0.6
VWDT	VWDT	0.27 296	P	Sb	15 35 02.9	-0.6
TWF1	Yuli	0.30 200	P	Pg	15 34 57.9	-0.1
TWF1	Yuli	0.30 200	P	eS	15 35 02.0	-0.1
ENLB	Shoufeng	0.32 33	eP	Pb	15 34 59.1	-0.6
ENLB	Shoufeng	0.32 33	eP	eS	15 35 05.0	+0.2
OWD	Renai	0.38 326	eP	Pb	15 34 60.0	-0.9
SSLB	Suanguang	0.44 290	P	Pb	15 35 01.2	-0.6
SSLB	Suanguang	0.44 290	P	Sg	15 35 07.0	+0.4
YUS	Yu-Shan	0.44 251	P	Pb	15 35 01.4	-0.7
YUS	Yu-Shan	0.44 251	P	eS	15 35 08.0	-1.0
CHGB	Renai	0.47 333	P	Pb	15 35 01.6	-0.8
CHGB	Renai	0.47 333	P	Sb	15 35 08.7	-0.9
TWD	Chiawan	0.47 21	P	Pb	15 35 02.0	-0.3
TWD	Chiawan	0.47 21	P	eS	15 35 07.5	0.0
WHYT	Xinyi Township	0.51 277	P	Pb	15 35 02.6	-0.4
WHYT	Xinyi Township	0.51 277	i	Sb	15 35 10.1	-0.4
WHF	Hehuan Shan	0.53 345	P	Pb	15 35 02.6	-0.9
WHF	Hehuan Shan	0.53 345	P	eS	15 35 10.6	-0.6
SMLT	Sun Moon Lake	0.53 298	P	Pb	15 35 03.0	-0.3
SMLT	Sun Moon Lake	0.53 298	P	S	15 35 10.2	-0.8
NACB	Ninganchiao	0.56 18	P	Pg	15 35 02.9	0.0
NACB	Ninganchiao	0.56 18	P	eS	15 35 12.2	+0.3
ALS	Alishan	0.57 258	P	Pb	15 35 03.5	-0.6
ALS	Alishan	0.57 258	P	S	15 35 11.8	-0.5
ELDTW	Lidau	0.57 219	P	Pg	15 35 02.8	-0.3

Table with columns: Code, Station Name, Az, Alt, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SLBB Yuanshan, CHN8 Yiju, SSD Sandimen, etc.

ISCJB 31 15:37:55.20,0.7,0.31N,0.07x121.85E,0.06,h208km,5km, mb3.6/3, Error ellipse: s-maj=12.2km s-min=9.3km az=171.7

IDC 31 15:37:56.8,0.7,0.27N,122.02E,h208km,67km,mb3.1/3, mb1 3.3/5, mb1mx3.0/32,mbtmp3.7/5, Error ellipse: s-maj=103.9km s-min=17.1km az=57.0

DJA 31 15:37:57.1,0.5,0.3N,122.2E,h191km,4km,M3.6/9, mb4.0/1,MLV3.4/9

ISC 31 15:37:56.1,0.9,0.29N,0.08x121.89E,0.05,h205km,7km, n14,c1938/21,mb3.7/3,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Alt, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MRSI Marisa, APSI Ampaña, LUWI Luvuk, etc.

SJA 31 15:39:34.9,1.0,24.93Sx71.67W,h19km,16km,ML5.0, MW4.8

NEIC 31 15:39:40.1,1.9,24.97S,0.04x70.89W,0.06,h10km,2km, mb5.280,MW5.1,ML5.2(GUC),Moment Tensor Solution. Moment tensor: Scale 1019Nm; Mr=1.98; Mw=0.23; Mw=1.75; Ms=1.86; Mw=0.25; Mw=4.18; Fault plane solution: M=4.950000x10^16 Np1=179.170000, delta1=81.00000, lambda=68.50000, NP2=337.26000, delta2=79.02000, lambda=94.38000, Principal axes: T 4.8031, P1g34.0000, Azm71.0000, N 0.2803, P1g4.0000, Azm338.0000; P -5.0833, P1g56.0000, Azm242.0000;

VAO 31 15:39:40.3,0.4,24.78S,70.98W,h10km,mb4.9, BU1 31 15:39:41.0,0.0,25.00Sx71.00W,h5km,mb5.6/4,Ms5.6/5, Ms7.5/3

ISCJB 31 15:39:41.6,0.8,24.89S,0.02x70.90W,0.03,h31km,5km, mb4.9/27,MS4.8/14, Error ellipse: s-maj=4.7km s-min=3.4km az=150.4

GUC 31 15:39:42.7,0.6,24.86S,70.88W,h32km,3km,ML5.2, GCMT 31 15:39:46.2,0.3,24.95S,0.02x71.22W,0.02,h21km, MW5.2/88, Moment Tensor Solution. s46,c51; s88,c115; Duration: 0 Moment tensor: Scale 1019Nm; Mr5.45x26; Mw=0.49x14; Mw=4.96x19; Mw1.66x25; Mw0.79x10; Mw=4.71x33; Best double couple: M=7.260000x10^16 Np1=164.00000, delta1=0.00000, lambda=101.00000; NP2: T 7.4630, P1g68.0000, Azm65.0000, N -0.40000, P1g4.0000, Azm165.0000, P -7.0500, P1g23.0000, Azm257.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 31 15:39:46.1,2.3,24.91S,70.73W,h49km,20km,mb4.4/17, mb1 4.5/21,mb1mx4.5/31,mbtmp4.7/21,ML4.4/4,MS4.6/15, Ms1 4.6/15,ms1mx4.5/20 Error ellipse: s-maj=19.6km s-min=12.6km az=77.0

ISC 31 15:39:42.0,0.9,24.97S,0.03x70.95W,0.05,h25km,6km, n669,c1913/67.4,mb5.1/12,MS4.8/14,10C-3D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Alt, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PB14 IPOC Station P, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

Main table with columns: Code, Station Name, Az, Alt, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GO03 Copiap, GO03 Copiap, PB04 IPOC Station P, etc.

Main table with columns: Code, Station Name, Az, Alt, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RCBR Riachuelo, PMSA Palmer Station, PMSA Palmer Station, etc.

31d 15h

SWET	Seaweed	61.52 346	P	I	Amb	I	Amb	15 49 56.8	-0.3
HPIG	Blanch	61.52 325	P	P				15 49 57.6	+0.1
U57A	Blanch	61.58 352	P	P				15 49 57.4	0.0
V52A	Sevierville	61.66 348	P	P				15 49 57.6	-0.4
V52A	Sevierville	61.66 348	P	P				15 49 57.6	-0.4
JCT	Junction City	61.68 332	P	P				15 49 58.6	+0.4
V51A	Loudon	61.76 348	P	P				15 50 00.4	
V51A	Loudon	61.76 348	P	P				15 50 00.4	
V50A	Pikeville	61.78 347	P	P				15 49 58.8	0.0
PLAL	Pickwick Lake	61.80 344	P	P				15 49 58.0	-0.9
T59A	Double "B" Far	61.93 354	P	P				15 50 00.1	+0.3
T59A	Double "B" Far	61.93 354	P	P				15 50 00.2	+0.3
U53A	Fall Branch	61.99 349	P	P				15 49 59.7	-0.5
T58A	Grand View Acr	62.00 353	P	P				15 50 00.6	+0.4
U54A	Nelsons Funny	62.02 350	P	P				15 50 00.2	-0.2
U54A	Nelsons Funny	62.02 350	P	P				15 50 00.1	-0.3
WLAR	White Oak Lake	62.03 339	P	P				15 50 01.1	+0.6
V49A	McMinnville	62.04 346	P	P				15 50 00.1	-0.5
WHTX	Lake Whitney	62.05 335	P	P				15 50 00.2	-0.4
T57A	Hurt	62.13 352	P	P				15 50 01.3	+0.2
T57A	Hurt	62.13 352	P	P				15 50 01.3	+0.2
V48A	Smith Brothers	62.22 345	P	P				15 50 01.1	-0.6
V48A	Smith Brothers	62.22 345	P	P				15 50 00.4	-1.3
U51A	La Follette	62.26 348	P	P				15 50 01.0	-0.9
T56A	Rocky Mt	62.26 352	P	P				15 50 01.6	-0.4
TZTN	Tazewell	62.33 349	P	P				15 50 02.0	-0.5
TZTN	Tazewell	62.33 349	P	P				15 50 01.8	-0.6
T55A	Pulaski	62.45 351	P	P				15 50 03.6	+0.3
CLTN	Cedars of Leba	62.45 346	P	P				15 50 02.9	-0.3
U50A	Jamestown	62.45 347	P	P				15 50 02.8	-0.5
TX31	Lajitas Ar. Si	62.48 328	P	P				15 50 04.5	+0.8
TX32	Lajitas Array	62.48 328	P	P				15 50 04.4	+0.7
TXAR	Lajitas Array	62.48 328	P	P				15 50 05.3	+1.6
TXAR	Lajitas Array	62.48 328	P	P				15 50 04.4	+0.7
BLA	Blacksburg	62.49 351	P	P				15 50 04.1	+0.5
T54A	Tazewell	62.51 350	P	P				15 50 03.7	0.0
T53A	Wise	62.58 350	P	P				15 50 03.8	-0.4
S58A	Poland Farm, P	62.61 354	P	P				15 50 04.4	+0.1
S58A	Poland Farm, P	62.61 354	P	P				15 50 04.7	+0.5
U49A	Red Boiling Sp	62.74 347	P	P				15 50 04.5	-0.7
T52A	Hallie	62.78 349	P	P				15 50 04.8	-0.7
T52A	Hallie	62.78 349	P	P				15 50 05.0	-0.7
T52A	Hallie	62.78 349	P	P				15 50 34.9	
T51A	Gray	62.81 348	P	P				15 50 05.5	-0.2
WVT	Waverly	62.83 345	P	P				15 50 05.2	-0.6
WVT	Waverly	62.83 345	P	P				15 50 04.6	-1.2
S57A	Dark Hollow, R	62.85 353	P	P				15 50 06.0	+0.1
S57A	Dark Hollow, R	62.85 353	P	P				15 50 05.5	-0.4
R58B	Mineral	62.94 354	P	P				15 50 07.0	+0.6
MIAR	Mount Ida	62.97 339	P	P				15 50 06.8	+0.1
T50A	Nancy	63.03 348	P	P				15 50 06.9	-0.2
S55A	Lewisburg	63.05 352	P	P				15 50 07.5	+0.2
S54A	Dingess, Beckl	63.19 351	P	P				15 50 08.1	-0.1
S54A	Dingess, Beckl	63.19 351	P	P				15 50 08.2	-0.1
S53A	Williamson	63.20 350	P	P				15 50 07.7	-0.6
WHAR	Woolly Hollow	63.25 341	P	P				15 50 08.2	-0.4
T49A	Edmonton	63.26 347	P	P				15 50 08.4	-0.2
T49A	Edmonton	63.26 347	P	P				15 50 07.8	-0.8
R58A	Rapidan	63.28 354	P	P				15 50 09.0	+0.2
R57A	Stanardsville	63.34 353	P	P				15 50 09.5	+0.4
S51A	Beattyville	63.40 349	P	P				15 50 09.3	-0.3
S51A	Beattyville	63.40 349	P	P				15 50 09.1	-0.5
ABTX	Abilene, Hawle	63.48 333	P	P				15 50 10.2	0.0
ABTX	Abilene, Hawle	63.48 333	P	P				15 50 11.2	+1.0
T47A	Sharon Grove	63.48 346	P	P				15 50 10.3	+0.2
T47A	Sharon Grove	63.48 346	P	P				15 50 09.9	-0.2
R56A	Bull Pasture M	63.54 353	P	P				15 50 10.9	+0.3
S50A	Richmond	63.59 348	P	P				15 50 10.9	+0.1
W39A	Magazine	63.63 339	P	P				15 50 12.2	+1.1
LCAR	Lake Charles	63.64 342	P	P				15 50 11.2	+0.1
S49A	Springfield	63.86 347	P	P				15 50 12.0	-0.5
R51A	Hillsboro	64.05 349	P	P				15 50 13.7	-0.1
Q57A	Strasburg	64.05 354	P	P				15 50 15.1	+1.3
PBMO	Poplar Bluff	64.11 343	P	P				15 50 14.0	-0.2
Q56A	Snyder Ridge	64.14 353	P	P				15 50 15.1	+0.8
Q56A	Snyder Ridge	64.14 353	P	P				15 50 15.1	+0.6
R50A	Paris	64.16 348	P	P				15 50 14.6	0.0
R50A	Paris	64.16 348	P	P				15 50 13.9	-0.6
Q54A	Coxs Mills	64.29 351	P	P				15 50 15.5	+0.1
Q54A	Coxs Mills	64.29 351	P	P				15 50 14.8	-0.6

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U40A	Yellville	64.41 340	P	P				15 50 16.3	0.0
U40A	Jarrettsville	64.45 355	P	P				15 50 17.0	+0.6
P57A	Homestead Farm	64.46 354	P	P				15 50 16.5	0.0
P57A	Homestead Farm	64.46 354	P	P				15 50 17.1	+0.7
WCI	Wyandotte Cave	64.50 347	P	P				15 50 16.1	-0.6
WCI	Wyandotte Cave	64.50 347	P	P				15 50 16.1	-0.6
X34A	Smith Ranch, M	64.50 336	P	P				15 50 18.0	+1.1
X34A	Smith Ranch, M	64.50 336	P	P				15 51 44.6	
P56A	Dayton Farm, R	64.56 353	P	P				15 50 17.9	+0.8
P60A	Greenville	64.60 356	P	P				15 50 17.6	+0.3
S44A	Carbondale	64.67 344	P	P				15 50 17.5	-0.3
HHAR	Hobbs	64.68 340	P	P				15 50 18.4	+0.4
SIUC	Southern Illin	64.68 344	P	P				15 50 17.9	0.0
SIUC	Southern Illin	64.68 344	P	P				15 50 19.4	
Q51A	Peebles	64.71 349	P	P				15 50 17.7	-0.5
Q51A	Peebles	64.71 349	P	P				15 50 19.8	
P54A	Burton	64.85 352	P	P				15 50 19.2	+0.1
P53A	Whipple	64.86 351	P	P				15 50 19.7	+0.6
P53A	Whipple	64.86 351	P	P				15 50 18.7	-0.4
TUL1	Leonard	64.95 338	P	P				15 50 19.9	+0.2
TUL1	Leonard	64.95 338	P	P				15 50 19.1	-0.6
Q49A	Aurora	64.97 348	P	P				15 50 19.5	-0.3
MGMO	Mountain Grove	64.97 341	P	P				15 50 20.0	0.0
MGMO	Mountain Grove	64.97 341	P	P				15 50 36.5	
WMOK	Wichita Mounta	64.99 335	P	P				15 50 20.1	0.0
Q48A	North Vernon	65.06 347	P	P				15 50 19.7	-0.7
P51A	Williamsport	65.11 350	P	P				15 50 20.0	-0.7
P51A	Williamsport	65.11 350	P	P				15 50 29.1	
QSPA	South Pole Qui	65.23 180	P	P				15 50 22.5	+1.0
QSPA	South Pole Qui	65.23 180	P	P				15 50 26.6	
MNTX	Cornudas Mount	65.26 328	P	P				15 50 22.4	+0.5
MNTX	Cornudas Mount	65.26 328	P	P				15 50 22.2	+0.4
OLIL	Olney	65.38 345	P	P				15 50 21.4	-1.1
OLIL	Olney	65.38 345	P	P				15 50 23.6	
P49A	Miami Univ. Ec	65.45 348	P	P				15 50 22.5	-0.4
P48A	Milroy	65.51 348	P	P				15 50 22.2	-1.1
CCM	Cathedral Cave	65.53 342	P	P				15 50 23.1	-0.3
CCM	Cathedral Cave	65.53 342	P	P				15 50 39.8	
O52A	Adamsville	65.54 351	P	P				15 50 23.0	-0.5
O52A	Adamsville	65.54 351	P	P				15 50 22.5	-1.0
O51A	Pataskala	65.69 350	P	P				15 50 23.8	-0.7
ACSO	Alum Creek Sta	65.83 350	P	P				15 50 24.9	-0.5
ACSO	Alum Creek Sta	65.83 350	P	P				15 50 24.9	-0.5
O50A	Cable	65.85 349	P	P				15 50 25.0	-0.6
MSTX	Covington	65.96 331	P	P				15 50 26.9	+0.4
O49A	Covington	66.01 349	P	P				15 50 26.6	+0.1
O49A	Covington	66.01 349	P	P				15 50 26.4	-0.2
P46A	Rosedale	66.02 346	P	P				15 50 26.4	-0.2
N54A	Moraine State	66.13 353	P	P				15 50 27.6	+0.3
N54A	Moraine State	66.13 353	P	P				15 50 27.0	-0.3
AMTX	Amarillo	66.28 333	P	P				15 50 27.9	-0.6
AMTX	Amarillo	66.28 333	P	P				15 50 45.8	
M59A	Waymar	66.31 356	P	P				15 50 29.2	+0.8
KSPA	Keystone Colle	66.34 356	P	P				15 50 28.5	-

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like E58A La Victoria, E63A Oxbow, E64A Bridgewater, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like EYMN Ely, EYMN Topopah Spring, EYMN Maple Canyon, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ARSB Arslanbob, etc.

NIED 31 15:47:00.23:60N,121:40E, h8km, Mw4.6 Best double couple: Mb8.350000,1015 NP1=123.00000, 851.00000, lambda=12.00000, NP2=220.00000, delta1.00000, lambda=140.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like EGFH Guangfu, HGSD Ruisui, EHY Hungye, etc.

31d 15h

TWD	Chiawan	0.47	12	↑	Pg	15 47 38.0	+0.1
TWD	baz=9.0				eS		
YUS	Yu-Shan	0.51	256	↓	Sg	15 47 38.2	-0.6
YUS	baz=261				eS		
SSLB	Suanglung	0.52	289	↓	Pg	15 47 37.8	-1.1
SSLB	baz=291				eS		
SSLB	Suanglung	0.52	289		Pg	15 47 37.3	-1.6
SSLB	baz=291				eS		
CHGB	Renai	0.53	327	↑	Pg	15 47 38.5	-0.6
CHGB	baz=340				eS		
CHKT	Chengkung	0.53	193	↑	Pb	15 47 40.0	-0.5
CHKT	baz=173				S		
NACB	Ninganchiao	0.56	10	↑	Pg	15 47 39.1	-0.5
NACB	baz=13				eS		
NACB	Ninganchiao	0.56	10		Pg	15 47 39.2	-0.5
NACB	baz=13				eS		
NACB	Ninganchiao	0.56	338	↑	Pg	15 47 39.0	-0.9
NACB	baz=345				eS		
WHF	Hehuan Shan				Sg	15 47 45.9	-1.3
WHF	baz=345				eS		
ETLH	Xiulin Townshi	0.59	359	↑	Pg	15 47 39.5	-0.7
ETLH	baz=4.0				eS		
ETLH	Xiulin Township	0.59	278	↑	Pg	15 47 39.5	-0.7
ETLH	baz=278				iS		
WHYT	Xinyi Township	0.60	296	↓	Pg	15 47 39.5	-0.9
WHYT	baz=299				eS		
SMLT	Sun Moon Lake	0.60	296	↓	Pg	15 47 46.9	-1.5
SMLT	baz=299				eS		
ELDTW	Lidau	0.61	226	↓	Pg	15 47 39.6	-1.0
ELDTW	baz=213				iS		
ALS	Alisan	0.64	261	↓	Pg	15 47 40.8	-0.4
ALS	baz=213				eS		
ALS	Alisan	0.64	269		Pg	15 47 40.8	-0.4
ALS	baz=269				eS		
TYC	Yuchr	0.65	296	↓	Pg	15 47 40.2	-1.1
TYC	baz=298				eS		
TYC	Yuchr	0.65	296	↓	Pg	15 47 40.2	-1.1
TYC	baz=298				eS		
DPDB	Guoxing	0.66	309	↓	Pg	15 47 41.0	-0.6
DPDB	baz=312				eS		
DPDB	Tachien	0.70	335	↑	Pg	15 47 48.8	-1.4
DPDB	baz=338				eS		
TWT	Techi	0.70	334	↑	Pg	15 47 41.8	-0.6
TWT	baz=338				eS		
TDCB	Techi	0.70	334	↑	Pg	15 47 41.8	-0.6
TDCB	baz=338				eS		
WJS	Zhushan	0.73	286	↓	Pg	15 47 50.1	-1.5
WJS	baz=338				eS		
WJS	Zhushan	0.73	286	↓	Pg	15 47 42.8	-0.1
WJS	baz=292				eS		
CHNS	Tsauling	0.75	269	↓	Pg	15 47 53.6	-0.6
CHNS	baz=259				eS		
CHNS	Tsauling	0.75	269	↓	Pg	15 47 43.0	-0.2
CHNS	baz=259				eS		
WNT	Mingjian	0.79	289	↓	Pg	15 47 53.8	-0.9
WNT	baz=259				eS		
WNT	Mingjian	0.79	289	↓	Pg	15 47 44.0	+0.1
WNT	baz=259				eS		
NNSB	Datong	0.81	353	↑	Pg	15 47 55.3	-0.4
NNSB	baz=2.0				eS		
NNSB	Datong	0.81	353	↑	Pg	15 47 43.8	-0.7
NNSB	baz=2.0				eS		
STYT	Tauyuan	0.81	236	↓	Pg	15 47 54.1	-0.9
STYT	baz=2.0				eS		
STYT	Tauyuan	0.81	236	↓	Pg	15 47 43.9	-0.6
STYT	baz=229				eS		
NNS	Nan Shan	0.83	352	↑	Pg	15 47 53.9	-1.1
NNS	baz=2.0				eS		
NNS	Nan Shan	0.83	352	↑	Pg	15 47 44.1	-0.6
NNS	baz=2.0				eS		
WHP	Taichung City	0.83	323	↑	Pg	15 47 54.9	-0.5
WHP	baz=326				eS		
WHP	Taichung City	0.83	323	↑	Pg	15 47 44.2	-0.5
WHP	baz=326				eS		
ENA	Nanau	0.84	16	↑	Pg	15 47 53.7	-1.7
ENA	baz=8.0				eS		
ENA	Nanau	0.84	16	↑	Pg	15 47 56.8	-0.5
ENA	baz=8.0				eS		
NANB	Nanau	0.84	16	↑	Pg	15 47 43.9	-1.1
NANB	baz=8.0				eS		
NANB	Nanau	0.84	16	↑	Pg	15 47 56.1	+0.2
NANB	baz=8.0				eS		
TPUB	Ta-pu	0.85	248	↓	Pg	15 47 45.0	-0.2
TPUB	baz=254				eS		
TPUB	Ta-pu	0.85	248	↓	Pg	15 47 45.0	-0.2
TPUB	baz=254				eS		
TPUB	Gukeng	0.85	248	↓	Pg	15 47 55.9	-0.4
TPUB	baz=275				eS		
WGK	Gukeng	0.85	248	↓	Pg	15 47 57.9	+0.1
WGK	baz=275				eS		
CHN4	Tsashan	0.87	252	↓	Pg	15 47 45.4	0.0
CHN4	baz=258				eS		
CHN4	Tsashan	0.87	252	↓	Pg	15 47 56.9	+0.1
CHN4	baz=258				eS		
WDLH	Douliu	0.88	275	↓	Pg	15 47 45.8	+0.2
WDLH	baz=275				eS		
WDLH	Douliu	0.88	275	↓	Pg	15 47 57.5	+0.4
WDLH	baz=275				eS		
TWG	Pinlang	0.88	206	↑	Pg	15 47 43.7	-2.1
TWG	baz=193				eS		
TWG	Pinlang	0.88	206	↑	Pg	15 47 43.6	-2.2
TWG	baz=193				eS		
TWGBT	Beinan	0.88	206	↑	Pg	15 47 43.5	-2.3
TWGBT	baz=193				eS		
WTP	Ta-pu	0.89	246	↓	Pg	15 47 45.7	-0.2
WTP	baz=249				eS		
WTP	Ta-pu	0.89	246	↓	Pg	15 47 57.3	-0.1
WTP	baz=249				eS		
TCU	Taichung	0.92	305	↑	Pb	15 47 47.0	-0.1
TCU	baz=311				eS		
TCU	Taichung	0.92	305	↑	Pb	15 47 59.0	-0.5
TCU	baz=311				eS		
TTN	Taitung	0.92	200	↑	Pb	15 47 47.5	+0.4
TTN	baz=203				eS		
TTN	Minshiang	0.94	265	↑	Pb	15 47 47.1	-0.3
TTN	baz=265				eS		
CHN2	Wuchang	0.97	298	↓	Pb	15 48 01.1	-1.0
CHN2	baz=265				eS		
WCHH	Zhanghua	0.97	298	↓	Pb	15 47 47.7	-0.3
WCHH	baz=300				eS		
WCHH	Zhanghua	0.97	298	↓	Pb	15 48 01.0	-0.1
WCHH	baz=300				eS		
NDT	Datong Townshi	0.98	1	↑	Pg	15 47 46.2	-1.5
NDT	baz=3.0				eS		
NDT	Datong Townshi	0.98	1	↑	Pg	15 48 00.8	-0.6
NDT	baz=3.0				eS		
TWQ1	Liyuan	0.98	318	↓	Pg	15 47 47.5	-0.2
TWQ1	baz=329				eS		
TWQ1	Liyuan	0.98	318	↓	Pg	15 48 00.4	0.0
TWQ1	baz=329				eS		
CHN1	Nanshi	0.98	244	↓	Pg	15 47 47.8	+0.1
CHN1	baz=243				eS		
CHN1	Nanshi	0.98	244	↓	Pg	15 48 01.7	+0.2
CHN1	baz=243				eS		
TKW	Hsinying	0.99	249	↓	Pg	15 47 47.5	-0.3
TKW	baz=247				eS		
TKW	Hsinying	0.99	249	↓	Pg	15 48 01.5	-0.1
TKW	baz=247				eS		
CHY	Chiayi	0.99	263	↓	Pg	15 47 47.8	0.0
CHY	baz=263				eS		
CHY	Chiayi	0.99	263	↓	Pg	15 48 01.3	-0.2
CHY	baz=263				eS		
SGST	Jiashian	0.99	238	↑	Pb	15 47 46.6	-1.2
SGST	baz=235				eS		
SGST	Jiashian	0.99	238	↑	Pb	15 48 01.1	+0.3
SGST	baz=235				eS		

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SLGT	Liuqi	0.99	232	↑	Pg	15 47 47.5	-0.5
SLGT	baz=226				eS		
SNST	Tainan City	1.00	247	↓	Pg	15 48 00.9	+0.1
SNST	baz=245				eS		
SNST	Tainan City	1.00	247	↓	Pg	15 47 47.8	-0.1
SNST	baz=245				eS		
ENTT	Nicoudou	1.02	4	↑	Pg	15 48 01.5	-0.3
ENTT	baz=5.0				eS		
ENTT	Nicoudou	1.02	4	↑	Pg	15 47 46.9	-1.5
ENTT	baz=5.0				eS		
NSY	Sanyi	1.04	320	↑	Pb	15 47 42.1	-0.5
NSY	baz=331				eS		
NSY	Sanyi	1.04	320	↑	Pb	15 47 49.2	0.0
NSY	baz=331				eS		
TWC	Suao	1.04	18	↑	Pg	15 48 04.0	-0.7
TWC	baz=9.0				eS		
TWC	Suao	1.04	18	↑	Pg	15 47 47.3	-1.5
TWC	baz=9.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 48 00.9	-0.9
YHNB	baz=4.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 47 47.9	-1.2
YHNB	baz=4.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 48 02.1	-0.7
YHNB	baz=4.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 47 47.8	-1.2
YHNB	baz=4.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 47 48.0	-1.2
YHNB	baz=4.0				eS		
YHNB	Yeheng	1.05	354	↑	Pg	15 48 01.6	-1.4
YHNB	baz=4.0				eS		
WDJ	Dajia District	1.07	313	↑	Pb	15 47 49.7	0.0
WDJ	baz=327				eS		
WDJ	Dajia District	1.07	313	↑	Pb	15 48 04.8	-0.6
WDJ	baz=327				eS		
RLNB	Erlin	1.07	285	↑	Pg	15 47 48.9	-0.5
RLNB	baz=283				eS		
RLNB	Erlin	1.07	285	↑	Pg	15 47 50.2	+0.1
RLNB	baz=283				eS		
EOS1	EOS1	1.09	32	↑	Pb	15 48 07.1	+1.1
EOS1	baz=52				eS		
EOS1	EOS1	1.09	32	↑	Pb	15 48 07.1	+1.1
EOS1	baz=52				eS		
PTSB	Yuanli	1.09	319	↓	Pb	15 47 50.3	-0.4
PTSB	baz=332				eS		
PTSB	Yuanli	1.09	319	↓	Pb	15 48 05.0	+0.3
PTSB	baz=332				eS		
WLBG	Puzi	1.10	263	↓	Pg	15 47 49.7	-0.3
WLBG	baz=263				eS		
WLBG	Puzi	1.10	263	↓	Pg	15 48 06.0	-0.3
WLBG	baz=263				eS		
NSTT	Nanjuang	1.10	336	↑	Pg	15 47 49.5	-0.5
NSTT	baz=339				eS		
NSTT	Nanjuang	1.10	336	↑	Pg	15 48 02.9	-1.5
NSTT	baz=339				eS		
NSTT	Neicheng	1.11	8	↑	Pg	15 47 48.2	-2.0
NSTT	baz=10.0				eS		
NSTT	Neicheng	1.11	8	↑	Pg	15 48 04.0	-0.6
NSTT	baz=10.0				eS		
LIOB	Emei	1.11	337	↑	Pg	15 47	

1615

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, KSAK, DL2, and SONM.

2013 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, KAPPA, PSI, and various other stations.

31d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BPAW, SKT, MDM, and various other stations.

31d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, MK31, MKAR, PMG, MAKZ, ILAR, WBO, WB2, WRA, WRA, ABKAR, ABKAR, AKASG, AKASG, BRTR, TXAR.

ISC/JB 31 16:05:07.0, 0.3, 23.68N, 0.01x121.47E, 0.02, h7km, 2km, Error ellipse: s-maj=3.6km s-min=2.1km az=27.3 JMA 31 16:05:06.2, 0.1, 23.66N, 121.52E, h0km TAP 31 16:05:06.7, 23.69N, 121.45E, h13km, ML4.0, C ISC 31 16:05:06.8, 0.3, 23.68N, 0.02, 121.48E, 0.03, h13km, 5km, n58, c0544/85, 8C-12D, Taiwan

Main table for 31d 16h section, listing station codes (EGFH, EGFH, ESL, ESL, HGSD, EHY, EHY, ENLB, ENLB, VWDT, VWDT, HWA, HWA, YULB, YULB, TW1, TW1, TWD, TWD, CHGB, CHGB, SSLB, SSLB, NACB, NACB, WHF, WHF, YUS, YUS, YUS, ETHL, ETHL, SMLT, SMLT, WHYT, WHYT, TYC, TYC, DPDB, DPDB, TWT, TWT, ALS, ALS, ELDTW, ELDTW, TDCB, TDCB, WJS, WJS, CHNS, CHNS, NNSB, NNSB, WNT, WNT, NNS, NNS, ENA, ENA) and their corresponding data.

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Table for 2013 OCT section, listing station codes (NANB, NANB, STYT, WKG, TPUB, CHN4, WTP, NDT, NDT, TWQ1, WCHH, ENTT, NSY, TWC, YHNB, TWK, CHN1, NSK, SNST, SGST, NNTT, RLNB, LIOB, TWE, YOJ, IRIF, JIJ, JISG) and their corresponding data.

IDC 31 16:05:16.1, 0.9, 23.47N, 121.72E, h0km, mb3.9/8, mb1.4, 0.9, mb1mx3.7/40, mbtmp3.8/9, ML3.3/1, MS3.5/4, Ms1.3, 5.4, ms1mx3.0/49, Error ellipse: s-maj=39.2km s-min=16.6km az=62.0 NEIC 31 16:05:18.4, 1.8, 23.56N, 121.46E, 0.05, h14km, 5km, mb4.4/11, Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:0.79; Mo:0.58; Ms:0.21; M:0.10; M:0.57; M:0.49; Fault plane solution: Mo1.04000x10^15 NP1:phi=258.98000, delta=67.0000, lambda=130.87000. NP2:phi=28.40000, delta=87.88000, lambda=57.10000. Principal axes: T 1.0556, P1g61.0000, Azm245.0000; N -0.0311, P1g27.0000, Azm47.0000; P -1.0246, P1g7.0000, Azm141.0000 JMA 31 16:05:18.7, 0.2, 23.57N, 121.45E, h3km, 3km, M4.0 ISC/JB 31 16:05:18.6, 0.3, 23.57N, 121.47E, 0.01, h6km, 1km, mb3.8/11, MS3.9/3, Error ellipse: s-maj=2.2km s-min=1.4km az=40.9 ASIES 31 16:05:18.7, 23.61N, 121.33E, h18km, MW3.6 BUI 31 16:05:19.7, 0.0, 23.51N, 121.44E, h22km, mb4.2/13, mb4.4/2, ML4.0/7, Ms3.9/5, Ms7.3/9/7 TAP 31 16:05:19.2, 23.58N, 121.37E, h9km, ML4.3, B ISC 31 16:05:18.8, 0.7, 23.57N, 121.45E, 0.02, h12km, 4km, n166, c1903/232, mb4.0/16, MS3.7/3, 10C-2D, Taiwan

Main table for 2013 OCT section, listing station codes (EGFH, EGFH, ESL, ESL, HGSD, EGFH, EGFH, EHY, EHY, YULB, YULB, TW1, TW1, TWD, TWD, CHGB, CHGB, SSLB, SSLB, NACB, NACB, WHF, WHF, YUS, YUS, YUS, ETHL, ETHL, SMLT, SMLT, WHYT, WHYT, TYC, TYC, DPDB, DPDB, TWT, TWT, ALS, ALS, ELDTW, ELDTW, TDCB, TDCB, WJS, WJS, CHNS, CHNS, NNSB, NNSB, WNT, WNT, NNS, NNS, ENA, ENA) and their corresponding data.

1616

Main table for 1616 section, listing station codes (ETLH, ETLH, DPDB, DPDB, CHNS, CHNS, WJS, WJS, TWT, TWT, TWT, TDCB, TDCB, STYT, STYT, WNT, WNT, TPUB, TPUB, TPUB, CHN4, TWG, TWG, TWG, TWG, TWG, TWG, TWG, WHP, WHP, NNSB, NNSB, NNS, NNS, CHN2, CHN2, ENA, ENA, NANB, NANB, TCU, TCU, CHN1, CHN1, CHN1, SGST, SGST, TWK, TWK, TWK, SLGT, SLGT, SLGT, SNST, SNST, SNST, CHY, CHY, CHY, WCHH, WCHH, TWQ1, TWQ1, NDT, NDT, NDT, RLNB, RLNB, NSY, NSY, YHNB, YHNB, YHNB, WLBG, WLBG, ECL, ECL, ECL, WDJ, WDJ, WDJ, ENT, ENT, ENT, TWC, TWC, TWC, TWC, YHNB, YHNB, YHNB, NSK, NSK, NSK, CHN3, CHN3, SSD, SSD, SSD, PTSB, PTSB, TWCT, TWCT, TWCT, WSF, WSF, WSF, NNTT, NNTT) and their corresponding data.

31d 16h

Table with columns: TWF1, ELDTW, Lidau, ESDT, W, S, b, 16.23, 16.3, -1.1, etc.

Main table for 31d 16h with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like WHF, CHGB, TDCB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like I56US, I57US, I10CA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like EGFH, ESL, HGSO, etc.

2013 OCT

Main table for 2013 OCT with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like CHGB, SSSL, WHF, etc.

1618

Table with columns: ANP, SCZT, JYNG, IRIF, JIJ, JIJ, JISG, JISG, W, S, eP, Pg, 1.50, 2, 1.52, 211, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like NEM2, NEM2, JRA, etc.

ISCJB 31 16:28:53.5±0.3, 23:66N±0.01, 121:50E±0.01, h2km±2km, Error ellipse: s-maj=2.6km s-min=1.5km az=33.9

Main table for 1618 with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like EGFH, EGFH, ESL, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WGK Gukeng, TPUB Ta-pu, CHN4 Tsauhsan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YM11 Ym11, SCZT Fangliu, ANP Anpu, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EGFH Guangfu, EGFH Shilin, EGFH Ruisui, etc.

31d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWGBT Beinan, NDT Datong Townshi, TWQ1 Liyutan, etc.

2013 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ETLH Xiulin Townshi, YUS Yu-Shan, WHYT Xinyi Township, etc.

1620

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LIOB, RLNB Erlin, NMLH Miaoili, etc.

ISCJB 31 17:17:58.4+0.3,23.68N,0.01x121.52E,0.02,h11km,1km, Error ellipse: s-maj=2.8km s-min=1.6km az=31.5

TAP 31 17:17:58.6,23.70N,121.46E,h15km,ML3.0,C JMA 31 17:17:58.3,23.69N,121.51E,h6km,2km,M2.7

ISC 31 17:17:58.7+0.8,23.69N,0.01x121.49E,0.02,h15km,5km, n91,0.0567/158,9C-12D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGFF Guangfu, ESL Shilin, HGH Ruisui, etc.

IDC 31 17:20:00.8+1.9,29.69S,179.63W,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.6/30,mbtmp3.8/3, Error ellipse: s-maj=176.3km s-min=21.9km az=168.0

ISCJB 31 17:20:03.5+0.6,30.04S,0.09x179.43W,0.09,h35km, mb3,7/3, Error ellipse: s-maj=15.5km s-min=7.1km az=139.8

NEIC 31 17:20:06.0+1.9,30.05S,0.2x179.3W,0.1,h47km,10km, mb4,2/3

ISC 31 17:20:05.2+0.8,30.05S,0.1x179.39W,0.10,h35km,n14, c1809/16,mb3.8/4,Kermadec Islands region

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

IDC 31 17:28:50.6+2.1,0.70N,125.55E,h0km,mb3.3/3, mb1 3.5/3,mb1mx3.3/33,mbtmp3.3/3, Error ellipse: s-maj=191.2km s-min=26.9km az=64.0,Northern Molucca Sea

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

JMA 31 17:41:07.8,23.81N,121.75E,h45km,2km,M2.6 TAP 31 17:41:08.0,23.85N,121.75E,h42km,ML3.1,C

ISCJB 31 17:41:08.3+0.2,23.83N,0.01x121.80E,0.01,h35km, Error ellipse: s-maj=2.3km s-min=1.6km az=137.2

ISC 31 17:41:08.9+1.2,23.84N,0.02x121.78E,0.02,h35km,n85, c062/149,1C-8D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ENLB Shoufeng, ENLB Shoufeng, HWA Hwalien, etc.

31d 18h

2013 OCT

1622

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LGMM Garner Mountain, LRDM Redding Peak, LCMM Colby Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MALINISIO Malinisio, CINO CINO, CIMO CIMO, etc.

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

IDC 31 18:29:40.9,12.0,25.00S,179.27E,h594km,116km, mb3.1/8,mb1 3.3/5,mb1mx3.1/29,mbtmp3.4/7,ML3.2/1, Error ellipse: s-maj=107.6km s-min=39.7km az=109.0

NEIC 31 18:29:42.3,0.3,24.9S,0.7E,179.27E,h593km,116km, mb4.0/3

ISC 31 18:29:38.8,2.6,25.2S,0.4E,179.6E,0.4,h600km,n15, r165/13,mb3.5/9, South of Fiji Islands

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

IDC 31 18:31:30.1,11.0,14.02S,166.92E,h106km,103km, mb3.4/3,mb1 3.5/4,mb1mx3.2/36,mbtmp3.7/4,ML3.2/1, Error ellipse: s-maj=113.4km s-min=47.9km az=164.0, Vanuatu Islands

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

ISC/JB 31 18:46:21.8,0.2,46.221N,0.010,12.48E,0.01, h11km,1km, Error ellipse: s-maj=1.7km s-min=1.4km az=11.2

VIE 31 18:46:21.2,0.1,46.17N,12.50E,h11km,1km,mb2.7/13, m3.5/14, Error ellipse: s-maj=1.1km s-min=0.7km az=12.0

ROM 31 18:46:22.0,2.0,46.217N,0.010,12.505E,0.009, h7km,1km,ML3.1/42, Error ellipse: s-maj=1.1km s-min=0.5km az=356.6

PRU 31 18:46:23.0,0.4,46.27N,12.55E,h0km LDG 31 18:46:23.0,0.4,46.23N,12.59E,h5km,MI3.2/11, Error ellipse: s-maj=3.1km s-min=1.9km az=5.0

BGR 31 18:46:24.0,4.5,46.23N,12.58E,h10km,ML3.4/7, Error ellipse: s-maj=7.8km s-min=6.7km az=158.0

STR 31 18:46:23.0,3.4,46.17N,12.51E,1.1,h0km,MLV3.2/6 ISC 31 18:46:22.0,0.8,46.221N,0.010,12.51E,0.01,h11km,4km,

CTI CTI comp=E,3135um,1.4s AML AML

BRES BRES comp=N,955um,1.2s AML AML

PRED Cave del Predi 0.77 72i ePg Pp 18 46 36.1 -0.8

ACOM ACOM comp=N,1945um,1.5s DRE Drenchia 0.79 92 ePg Pp 18 46 36.9 -0.5

SABO M.te Sabotino 0.79 106 ePg Pp 18 46 37.4 -0.5

SABO M.te Sabotino 0.79 106 AML AML

SABO comp=N,1705um,0.9s AML AML

RISI Rein 0.80 338 P P 18 46 37.9 -0.3

RISI comp=N,2105um,0.2s AML AML

RISI comp=N,2665um,0.4s AML AML

RISI comp=N,3475um,0.4s AML AML

KOSI Kohlern 0.83 288 P S 18 46 37.6 -0.6

KOSI comp=N,986um,0.6s AML AML

KOSI comp=N,986um,0.6s AML AML

KOSI comp=N,1010um,0.5s AML AML

PANI Panarotta 0.83 260 ePg Pp 18 46 37.6 -0.7

MYKA Terra Mystica 0.89 61 ePg Pp 18 46 38.8 -0.8

MYKA comp=N,11nm,0.2s,SNR=13 eSg Sn 18 46 51.8 -1.8

APPI Appiano 0.93 287 P AML Pp 18 46 39.1 -1.0

APPI comp=N,910um,1.0s AML AML

APPI comp=N,910um,1.0s AML AML

APPI comp=N,765um,1.6s AML AML

APPI comp=N,910um,1.0s AML AML

ABSI Abersteueckl 0.97 303 P S 18 46 40.5 -0.5

ABSI comp=N,1336um,1.6s AML AML

CTI CTI comp=E,3135um,1.4s AML AML

BRES BRES comp=N,955um,1.2s AML AML

PRED Cave del Predi 0.77 72i ePg Pp 18 46 36.1 -0.8

ACOM ACOM comp=N,1945um,1.5s DRE Drenchia 0.79 92 ePg Pp 18 46 36.9 -0.5

SABO M.te Sabotino 0.79 106 ePg Pp 18 46 37.4 -0.5

SABO M.te Sabotino 0.79 106 AML AML

SABO comp=N,1705um,0.9s AML AML

RISI Rein 0.80 338 P P 18 46 37.9 -0.3

RISI comp=N,2105um,0.2s AML AML

RISI comp=N,2665um,0.4s AML AML

RISI comp=N,3475um,0.4s AML AML

KOSI Kohlern 0.83 288 P S 18 46 37.6 -0.6

KOSI comp=N,986um,0.6s AML AML

KOSI comp=N,986um,0.6s AML AML

KOSI comp=N,1010um,0.5s AML AML

PANI Panarotta 0.83 260 ePg Pp 18 46 37.6 -0.7

MYKA Terra Mystica 0.89 61 ePg Pp 18 46 38.8 -0.8

MYKA comp=N,11nm,0.2s,SNR=13 eSg Sn 18 46 51.8 -1.8

APPI Appiano 0.93 287 P AML Pp 18 46 39.1 -1.0

APPI comp=N,910um,1.0s AML AML

APPI comp=N,910um,1.0s AML AML

APPI comp=N,765um,1.6s AML AML

APPI comp=N,910um,1.0s AML AML

ABSI Abersteueckl 0.97 303 P S 18 46 40.5 -0.5

ABSI comp=N,1336um,1.6s AML AML

ROVR ROVR comp=E,1155um,0.7s AML AML

ROVR ROVR comp=E,94um,0.7s AML AML

ROVR comp=N,719um,1.5s AML AML

ROVR comp=E,1154um,0.7s AML AML

ROVR comp=N,1790um,1.5s AML AML

WTTA Wattenberg 1.22 331 ePg Pn 18 46 45.7 +0.3

WTTA comp=N,44nm,0.2s,SNR=24 eSg Sn 18 47 01.9 0.0

WTTA comp=N,268nm,0.3s AML AML

WTTA Wattenberg 1.22 331 P S 18 46 45.4 +0.1

WTTA comp=E,1041um,0.5s AML AML

WTTA comp=E,1040um,0.5s AML AML

WTTA comp=N,564um,0.3s AML AML

WATA Walderalm 1.30 331 ePg Pn 18 46 47.3 +0.1

WATA comp=N,23nm,0.1s,SNR=33 Sg Sn 18 47 05.5 +1.6

SQTA comp=N,78nm,0.2s 1.35 319 ePg Pp 18 46 48.1 -0.1

SQTA comp=N,25nm,0.1s,SNR=60 eSg Sn 18 47 06.1 +0.9

MABI Malga Bissina 1.40 264 P AML Pn 18 46 48.3 +0.4

MABI comp=N,272um,0.7s AML AML

LJU Ljubljana 1.41 96 ePn Pp 18 46 49.0 -0.3

LJU Ljubljana 1.41 96 P P 18 46 49.0 -0.3

LJU comp=E,2810um,0.9s AML AML

LJU comp=N,3435um,0.2s AML AML

CEY Cerknica 1.42 109 ePn Pn 18 46 47.4 -0.5

MOSI Grossmontoni 1.42 287 P AML Pn 18 46 48.5 +0.3

MOSI comp=N,3290um,0.5s AML AML

MOSI comp=E,1220um,0.5s AML AML

OBKA Obir 1.44 77 ePg Pp 18 46 49.1 -0.8

OBKA comp=E,11nm,0.2s,SNR=8.8 Sg Sg 18 47 10.2 +1.6

MOTA Moosalm 1.49 320 ePg Pp 18 46 50.6 -0.3

MOTA comp=N,31nm,0.4s,SNR=23 Sg Sg 18 47 11.6 +1.4

BRMO Bormio 1.51 281 P AML Pn 18 46 50.1 +0.8

BRMO comp=N,288um,0.2s AML AML

BRMO comp=E,362um,0.6s AML AML

SALO Salr 1.51 248 P AML Pn 18 46 50.1 +0.9

SALO comp=E,728um,1.4s AML AML

ROVR ROVR comp=N,930um,0.6s AML AML

RJOB Jochberg 1.54 7 ePn Pp 18 46 52.2 +0.5

RJOB comp=N,343um,0.2s AML AML

RJOB comp=N,343um,0.2s AML AML

BRUN Brijuni 1.57 146 ePn Pp 18 46 51.2 +0.2

BRUN comp=N,31nm,0.4s,SNR=23 Sg Sg 18 47 12.5 0.0

RIY Rijeka 1.64 122 ePn Pn 18 46 52.2 -0.2

RIY comp=N,31nm,0.4s,SNR=23 Sg Sg 18 47 14.5 -0.3

RIY Rijeka 1.64 122 ePn Pn 18 46 50.9 0.0

BERNI Berninapass 1.74 278 P AML Pn 18 46 54.3 0.0

BERNI comp=N,210um,0.8s AML AML

BERNI comp=N,161um,0.7s AML AML

RETA Reutte 1.75 317 ePg Pp 18 46 55.2 -0.6

RETA comp=N,334nm,0.4s,SNR=23 Sg Sg 18 47 20.2 +1.6

SOKA Soboth 1.80 74 ePg Pp 18 46 55.7 -1.0

SOKA comp=E,1.1nm,0.1s,SNR=8.1 Sg Sg 18 47 19.3 -0.9

DAVOX Davos/Dischmat 1.91 288 P AML Pp 18 46 57.0 -0.2

DAVOX comp=N,378um,0.5s AML AML

DAVOX comp=N,378um,0.5s AML AML

MDI Monti di Nese 2.00 259 AML AML

MDI comp=N,338um,1.0s AML AML

MOA Molin 2.03 36 ePg Pp 18 46 59.3 -1.9

MOA comp=N,3.9nm,0.2s AML AML

MOA comp=N,5.7nm,1.0s Sg Sg 18 47 27.9 +0.4

BOJS Bojanci 2.04 109 AML AML

BOJS comp=N,378um,0.7s AML AML

BOVS comp=N,1945um,1.5s DRE Drenchia 0.79 92 ePg Pp 18 46 36.9 -0.5

CRES Cresnjev 2.09 100 ePn Pn 18 46 58.1 +1.0

DAVA Damuels 2.11 302 ePg Pp 18 47 00.8 +0.3

DAVA comp=N,31nm,0.3s,SNR=23 eSg Sg 18 47 30.2 +0.3

FUR Furstentfeldbr 2.13 337 ePg Pp 18 47 03.8 +0.8

FUR comp=N,161nm,0.4s AML AML

FUR comp=N,161nm,0.4s AML AML

OZALJ Ozalj 2.15 105 eSg Pp 18 47 32.4 +1.7

OZALJ comp=N,128um,0.5s AML AML

LMD Lutrano 2.21 195 AML AML

LMD comp=E,156um,1.2s AML AML

LMD comp=N,82um,0.5s AML AML

UEBER Ueberhorn 2.21 313 ePn Pn 18 47 01.8 -0.5

UEBER comp=N,218um,0.4s AML AML

SEI Scarpieria 2.30 201 AML AML

SEI comp=N,218um,0.4s AML AML

SEI comp=N,114um,1.0s AML AML

ARSA Arzberg 2.32 62 ePn Pn 18 47 01.9 -2.1

ARSA comp=N,1.2nm,1.4s AML AML

ARSA comp=N,1.2nm,1.4s AML AML

ARSA Arzberg 2.32 62 AML AML

ARSA comp=N,90um,1.0s AML AML

NVLJ Novolja 2.34 134 ePn Pn 18 47 01.7 +1.2

NVLJ comp=N,128um,0.5s AML AML

PTJ Puntjarka 2.42 96 ePn Pn 18 47 03.0 +1.1

MUGIO Muggio 2.43 264 AML AML

MUGIO comp=N,125um,0.4s AML AML

MUGIO comp=N,219um,0.7s AML AML

ZAG Zagreb 2.45 98 ePn Pp 18 47 08.7 -0.4

FSSB Fossombrone 2.52 176 AML AML

FSSB comp=N,136um,1.4s AML AML

FSSB comp=N,344um,0.4s AML AML

KOGS Kog 2.60 83 AML AML

KOGS comp=N,302um,1.4s AML AML

KOGS comp=N,350um,1.0s AML AML

CARD Cardoso 2.61 214 P AML Pn 18 47 06.5 +2.1

CRE Caprese Michel 2.62 189 AML AML

CRE comp=N,70um,1.5s AML AML

VARE Varese 2.63 264 AML AML

VARE comp=N,178um,0.5s AML AML

VARE comp=N,178um,0.5s AML AML

CRMI Carnignano 2.65 205 AML AML

CRMI comp=N,26um,0.6s AML AML

PIEI Pieia 2.67 180 AML AML

PIEI comp=N,77um,0.4s AML AML

PIEI comp=N,56um,0.9s AML AML

KALN Kalnik 2.74 90 ePn Pn 18 47 06.5 +0.4

GECZ Geres Array S 2.76 17 ePn Pn 18 47 08.0 +1.6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GEC2, SSFR, ATFO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SMRF, SFTF, WLF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MAJO, MJAR, MJBR, etc.

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VWDT	baz=302	S	Sg	20 30 53.8 -0.5
ENLB	Shoufeng	0.34 23 P	Pg	20 30 50.2 +0.2
ENLB	baz=17	S	Sb	20 30 56.8 -0.3
HWA	Hwalien	0.41 19 eP	Pb	20 30 52.3 -0.4
HWA	baz=15	eS	Sg	20 30 58.6 -0.5
YUS	Yu-Shan	0.47 258 \uparrow P	Pb	20 30 52.3 -0.4
YUS	baz=255	S	Sg	20 30 58.1 -0.9
CHKT	Chengkung	0.50 190 eP	Pb	20 30 54.3 0.0
SSLB	Suangleung	0.50 293 \uparrow P	Pg	20 30 52.4 -0.7
SSLB	baz=294	S	Sg	20 30 58.1 -1.5
TWD	Chiawan	0.50 15 P	Pg	20 30 53.3 +0.2
TWD	baz=10.0	S	Sg	20 30 59.8 +0.1
CHGB	Renai	0.53 331 \uparrow P	Pg	20 30 53.5 -0.3
CHGB	baz=335	eS	Sg	20 30 59.8 -1.0
WHYT	Xinyi Township	0.56 281 \uparrow P	Pg	20 30 53.8 -0.4
WHYT	baz=281	S	Sg	20 31 01.0 -0.6
ELDTW	Lidau	0.57 225 \uparrow eP	Pg	20 30 53.5 -0.8
ELDTW	baz=223	eS	Sg	20 31 00.6 -1.3
WHF	Hehuan Shan	0.58 342 \uparrow P	Pg	20 30 54.0 -0.6
WHF	baz=346	S	Sg	20 31 01.6 -0.7
SMLT	Sun Moon Lake	0.59 300 \uparrow P	Pg	20 30 54.2 -0.5
SMLT	baz=301	S	Sg	20 31 01.5 -1.0
NACB	Ninganchiao	0.59 12 \uparrow P	Pg	20 30 54.3 -0.5
NACB	baz=15	S	Sg	20 31 02.2 -0.5
ALS	Alshan	0.60 263 \uparrow P	Pg	20 30 54.9 -0.2
ALS	baz=270	S	Sg	20 31 02.3 -0.7
ETLH	Xiulin Township	0.61 2 \uparrow P	Pg	20 30 54.9 -0.3
ETLH	baz=5.0	eS	Sg	20 31 02.9 -0.4
TYC	Yuchr	0.63 300 \uparrow P	Pg	20 30 54.9 -0.7
TYC	baz=302	eS	Sg	20 31 02.5 -1.3
DPDB	Guoxing	0.66 312 \uparrow P	Pg	20 30 55.7 -0.3
DPDB	baz=314	S	Sg	20 31 03.2 -1.4
WJS	Zhushan	0.71 289 eP	Pb	20 30 57.5 -0.3
WJS	baz=294	eS	Sb	20 31 07.5 -0.2
TWT	Tachien	0.71 339 \uparrow P	Pg	20 30 57.0 0.0
TWT	baz=340	S	Sg	20 31 05.5 -0.8
CHNS	Tsauling	0.71 271 \uparrow P	Pg	20 30 57.3 +0.2
CHNS	baz=270	eS	Sb	20 31 07.4 -0.6
TDCB	Techi	0.71 338 \uparrow P	Pg	20 30 56.8 -0.3
TDCB	baz=329	S	Sg	20 31 05.3 -1.1
WNT	Mingjian	0.76 292 P	Pb	20 31 08.7 -0.1
WNT	baz=297	S	Sb	20 31 09.3 0.0
STYT	Tauyuan	0.77 237 \uparrow P	Pg	20 30 57.7 -0.5
STYT	baz=231	eS	Sg	20 31 07.8 -0.4
TPUB	Ta-pu	0.81 249 \uparrow P	Pg	20 30 59.1 +0.1
TPUB	baz=248	S	Sg	20 31 09.0 -0.6
WCK	Gukeng	0.83 277 \uparrow P	Pb	20 30 59.8 0.0
WCK	baz=276	eS	Sb	20 31 10.7 -0.4
CHN4	Tsauling	0.83 253 \uparrow P	Pg	20 30 59.6 +0.3
CHN4	baz=246	S	Sg	20 31 10.3 +0.2
WHP	Taichung City	0.83 326 eP	Pb	20 30 58.9 -0.4
WHP	baz=327	eS	Sg	20 31 09.6 -0.5
NNSB	Datong	0.84 355 \uparrow P	Pg	20 30 59.0 -0.5
NNSB	baz=6.0	eS	Sg	20 31 09.9 -0.5
TWG	Pinlang	0.84 205 eP	Pg	20 30 59.4 -0.2
TWGBT	Beinan	0.84 204 eP	Pg	20 30 59.2 -0.4
WTP	Ta-pu	0.85 246 \uparrow P	Pg	20 30 59.7 +0.1
WTP	baz=250	eS	Sg	20 31 10.7 +0.1
WDLH	Douliu	0.85 277 eP	Pb	20 30 59.9 +0.2
WDLH	baz=276	eS	Sb	20 31 12.0 +0.2
NNS	Nan Shan	0.85 355 \uparrow P	Pg	20 30 59.2 -0.5
NNS	baz=5.0	S	Sg	20 31 10.0 -0.8
ENA	Nanau	0.87 17 eP	Pg	20 30 59.1 -1.1
ENA	baz=8.0	eS	Sg	20 31 11.5 -0.1
NANB	Nanau	0.88 18 eP	Pg	20 30 59.9 -0.3
NANB	baz=8.0	eS	Sg	20 31 11.6 +0.1
CHN2	Minshiang	0.90 266 eP	Pb	20 31 01.5 +0.3
CHN2	baz=266	eS	Sb	20 31 14.5 -0.9
TCU	Taichung	0.90 308 eP	Pb	20 31 01.5 +0.3
TCU	baz=309	eS	Sb	20 31 14.7 -0.8
CHN1	Nanshi	0.94 245 eP	Pb	20 31 01.9 0.0
CHN1	baz=244	eS	Sb	20 31 14.7 +0.2
TWK	Hsiyung	0.95 250 P	Pb	20 31 02.2 +0.2
TWK	baz=249	eS	Sb	20 31 15.3 +0.7
SGST	Jiashian	0.95 238 eP	Pg	20 31 00.9 -0.7
CHY	Chiayi	0.95 265 eP	Pb	20 31 02.1 +0.1
CHY	baz=263	eS	Sb	20 31 15.3 +0.6
SLG	Liugui	0.95 232 eP	Pb	20 31 01.9 -0.1
SNST	Tainan City	0.96 247 eP	Pb	20 31 02.3 +0.2
SNST	baz=246	eS	Sb	20 31 14.7 -0.2
WCHH	Zhanghua	0.96 301 eP	Pb	20 31 02.4 +0.3
WCHH	baz=301	eS	Sb	20 31 16.1 -0.6
TWQ1	Liyutan	0.98 320 P	Pb	20 31 02.9 -0.4
TWQ1	baz=332	eS	Sb	20 31 16.9 -0.5

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NDT	Datong Townshi	1.01 3 P	Pg	20 31 02.7 0.0
NDT	baz=3.0	eS	Sg	20 31 15.6 -0.3
NSY	Sani	1.04 322 \uparrow P	Pn	20 31 04.5 +0.4
NSY	baz=332	eS	Sb	20 31 19.4 +0.6
ENTT	Nicoudun	1.05 5 \uparrow P	Pg	20 31 03.4 -0.1
ENTT	baz=6.0	eS	Sg	20 31 16.9 -0.2
RLNB	Erlin	1.05 287 eP	Pg	20 31 03.3 -0.2
RLNB	baz=289	eS	Pn	20 31 04.5 +0.1
WDJ	Dajia District	1.06 315 eP	Pn	20 31 19.8 +0.5
WDJ	baz=327	eS	Sb	20 31 03.9 -0.1
WLGB	Puzi	1.07 264 eP	Pb	20 31 19.8 +0.3
WLGB	baz=263	eS	Pn	20 31 04.8 +0.2
TWC	Suo	1.07 19 eP	Pn	20 31 18.5 +0.2
TWC	baz=11	S	Sb	20 31 03.8 -0.3
YHNB	Yeheng	1.08 356 eP	Pg	20 31 17.1 -1.0
YHNB	baz=6.0	eS	Pg	20 31 04.1 -0.1
NSK	Sanguang	1.08 355 P	Pg	20 31 16.9 -1.4
NSK	baz=356	eS	Sg	20 31 03.8 -0.5
ECL	Taimali	1.09 205 eP	Pg	20 31 05.2 +0.3
ECL	baz=194	eS	Pn	20 31 19.8 +0.4
PTSB	Yuanli	1.09 321 eP	Pb	20 31 04.7 -0.1
PTSB	baz=333	eS	Pg	20 31 18.9 -0.4
NSTT	Nanshi	1.12 338 P	Pg	20 31 05.9 +0.6
NSTT	baz=340	eS	Sb	20 31 20.9 +0.1
NMLH	Miaoli	1.12 327 eP	Pn	20 31 04.8 -0.1
NMLH	baz=338	eS	Sb	20 31 19.0 -0.6
LIOB	Emel	1.12 339 P	Pg	20 31 04.4 -0.7
LIOB	baz=340	eS	Pg	20 31 05.9 +0.5
SSD	Sandimen	1.13 222 eP	Pg	20 31 20.9 -0.2
SSD	baz=218	eS	Pn	20 31 05.5 +0.1
WSF	Szhu	1.13 273 eP	Pg	20 31 24.3 +3.2
WSF	baz=272	eS	Pb	20 31 05.1 -0.2
EOS1	EOS1	1.14 33 eP	Pn	20 31 09.1 -0.2
EOS1	baz=51	eS	Pb	20 31 19.9 -0.2
TWE	Neicheng	1.14 10 eP	Pb	20 31 05.3 -0.4
TWE	baz=10.0	eS	Pb	20 31 05.7 0.0
SLBB	Yuanshan	1.17 8 eP	Pb	20 31 22.2 +0.3
SLBB	baz=10.0	eS	Pn	20 31 06.8 +0.7
CHN8	Yiju	1.17 258 eP	Pb	20 31 20.9 -0.5
CHN8	baz=14	eS	Pg	20 31 09.0 +2.2
CHN8	baz=257	eS	Pn	20 31 26.1 +2.6
NWLT	Wulai	1.18 2 eP	Pn	20 31 06.3 -0.5
NWLT	baz=13	eS	Pg	20 31 08.6 +1.5
TWM	Shishan	1.22 231 eP	Pg	20 31 07.9 +0.1
TWM	baz=234	eS	Pn	20 31 24.8 +0.3
SCLT	Jiali	1.23 251 eP	Pn	20 31 08.1 +0.4
SCLT	baz=262	eS	Pg	20 31 08.2 +0.2
MASBT	Mashibuluo	1.23 218 eP	Pn	20 31 26.6 +1.7
MASBT	baz=216	eS	Pg	20 31 08.5 +0.1
SGLT	Jiouru	1.24 226 eP	Pn	20 31 10.3 +0.7
SGLT	baz=228	eS	Pg	20 31 28.0 +0.6
WLTB	Daxi	1.27 352 eP	Pg	20 31 09.6 +0.1
WLTB	baz=1.0	eS	Pg	20 31 10.0 0.0
WLTB	baz=1.0	eS	Pg	20 31 29.5 +1.3
SBCB	Hsinchu	1.27 340 eP	Pg	20 31 09.6 0.0
SBCB	baz=342	eS	Pb	20 31 29.6 +1.3
HSN	Hsinchu	1.28 340 eP	Pg	20 31 10.3 -0.2
HSN	baz=343	eS	Pn	20 31 27.8 -0.3
NTC	Toung	1.30 15 eP	Pg	20 31 11.1 +0.2
NTC	baz=343	eS	Pg	20 31 11.1 +0.1
NHHD	Xindian Distri	1.37 3 eP	Pg	20 31 29.8 0.0
NHHD	baz=9.0	eS	Pb	20 31 10.6 +0.2
NHHD	baz=9.0	eS	Pg	20 31 12.2 +0.2
TWA	Mucha	1.39 5 eP	Pb	20 31 12.0 -0.2
TWA	baz=11	eS	Pg	20 31 13.3 +1.1
NCUH	Zhongli	1.39 350 eP	Pg	20 31 32.7 +1.0
NCUH	baz=351	eS	Pg	20 31 12.7 +0.5
NCUH	National Centr	1.40 350 eP	Pb	20 31 32.8 +1.1
NCUH	baz=1.0	eS	Pb	20 31 12.6 +0.3
TIPB	Shuangxi	1.42 14 eP	Pg	20 31 13.1 -0.1
TIPB	baz=10.0	eS	Sg	20 31 33.8 +0.3
TIPB	baz=10.0	eS	Pg	20 31 12.9 -0.3
SCZT	Fangliu	1.44 213 eP	Pg	20 31 34.1 +0.6
SCZT	baz=217	eS	Pg	20 31 13.4 0.0
TAP	Taipei	1.44 2 eP	Pg	20 31 13.4 0.0
TAP	baz=9.0	eS	Pg	20 31 33.9 +0.1
TAP1	Taipei	1.44 2 eP	Pb	20 31 13.3 -0.2
TAP1	baz=9.0	eS	Pb	20 31 13.2 +0.3
TWB1	Santiao Chiao	1.49 19 eP	Pg	20 31 10.7 -1.2
TWB1	baz=2.0	eS	Pn	20 31 31.9 -0.9
NWF	Wu-fen Shan	1.50 11 eP	Pg	20 31 12.4 -0.3
NWF	baz=4.0	eS	Pn	20 31 34.3 +0.1
WFSB	Wu-fen Shan	1.50 11 eP	Pg	20 31 14.9 -0.4
WFSB	baz=9.0	eS	Pn	20 31 35.0 -0.9
TWS1	Kuangyinshan	1.50 359 eP	Pg	20 31 13.6 -0.3
TWS1	baz=6.0	eS	Pn	20 31 35.5 -0.7
TWS1	baz=6.0	eS	Pb	20 31 18.5 +0.3
YM01	YM01	1.55 4 eP	Pb	
YM01	baz=359	eS	Pb	
YM04	YM04	1.56 3 eP	Pb	
YM04	baz=8.0	eS	Pb	
YM04	baz=8.0	eS	Pg	
YM10	YM10	1.56 3 eP	Pg	
YM10	baz=3.0	eS	Pg	
YM10	baz=3.0	eS	Pg	
NTST	Danshui	1.57 360 eP	Pg	
NTST	baz=10.0	eS	Pg	
YM05	YM05	1.57 4 eP	Pg	
YM05	baz=3.0	eS	Pg	
YM05	baz=3.0	eS	Pg	
YM11	YM11	1.57 4 eP	Pg	
YM11	baz=360	eS	Pb	
ANP	Anpu	1.59 2 eP	Pb	
ANP	baz=11	eS	Pn	
JYNG	Yonagunijimaku	1.61 58 P	Pn	
JYNG	baz=24	eS	Pn	
YOJ	Yonaguni jima	1.67 58 P	Pn	
YOJ	baz=24	eS	Pn	
PHUB	Peng-hu	1.73 268 eP	Pb	
PHUB	baz=265	eS	Pn	
PHUB	baz=267	eS	Pn	
PNG	Penghu	1.75 270 eP	Pn	
PNG	baz=267	eS	Pn	
VCHM	Gimei	1.90 259 eP	Pb	
VCHM	baz=259	eS	Pn	

31d 20h

HATJ	Hateruma jima	2.20 77 eS	Sn	20 31 47.4 0.0
IRIF	Iriomote-Funau	2.21 70 eP	Pn	20 31 20.3 +0.1
IRIF	baz=29	eS	Pn	20 31 47.9 +0.3
VWUC	VWUC	2.30 308 eP	Pn	20 31 20.4 -1.1
VWUC	baz=329	eS	Pn	20 31 23.6 +0.5
JKRS	Kuro-shima	2.42 74 eS	Pn	20 31 53.5 +0.6
JKRS	baz=74	eS	Pn	20 31 24.8 -0.4
JJJ	Ishigaki jima	2.58 72 P	Pn	20 31 55.6 -1.1
JJJ	baz=72	eS	Pn	20 31 27.7 -0.5
JISG	Ishigakijimahi	2.79 69 P	Pn	20 32 01.3 -0.7
JISG	baz=69	eS	Pn	20 31 30.4 +0.9
KNM	Kimmen	2.88 287 eP	Pn	
KNM	baz=287	eS	Pn	
JTJ	Tarama	3.14 70 P	Pn	20 31 33.1 0.0
JTJ	baz=70	eS	Pn	20 32 10.8 +0.1
LYJJ	Jianjiangzhen	3.32 333 eP	Pn	20 31 33.8 -1.7
LYJJ	baz=344	eS	Pn	
MHZQ	Yeshan	3.33 319 eP	Pb	20 31 36.0 +0.4
MHZQ	baz=326	eS	Pn	
AXDP	Jialang	3.44 293 eP	Pn	20 31 36.6 -0.5
AXDP	baz=294	eS	Pn	
XPSS	Dashiiju	3.52 341 eP	Pn	20 31 37.3 -0.9
XPSS	baz=354	eS	Pn	
JIRB	Irabujima	3.61 69 eP	Pn	20 31 37.8 -1.7
JIRB	baz=69	eS	Pn	20 32 2

31d 20h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like MMRI, WSI, WBSI, etc.

2013 OCT

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like EHY, YULB, YULB, etc.

1628

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like SLGT, CHY, SNST, etc.

ISCJB 31 20:44:00.7-0.3,23:57N,0101.121,48E,0.01,h5km,1km, mb3.5/7,MS2.7/1, Error ellipse: s-maj=2.2km s-min=1.4km az=41.5

NIED 31 20:44:00.23:60N,121.40E,h8km,Mw3.7 Best double couple: M4.32000,1014 NP1.36,41.00000,0.863,00000, lambda160.00000, NP2:phi140.00000,delta2.00000,lambda229.00000

JMA 31 20:44:00.4-0.1,23:60N,121.39E,h0km,M3.9 TAP 31 20:44:01.3,23:59N,121.40E,h9km,ML4.1,C ASIES 31 20:44:01.8,23:55N,121.30E,h19km,MW3.6

PML	Morne Lenard	45.92	14	eP	P	23 12 21.5	+1.3
GBMF	Grand Be	45.94	14	eP	P	23 12 24.1	+3.8
PCM	Pelee Case Pet	45.95	14	eP	P	23 12 25.7	+5.3
CXM	Morne La Croix	45.95	14	eP	P	23 12 24.8	+4.0
BAMF	Morne Balai	45.96	14	eP	P	23 12 22.8	+2.3
SVN	Savanne Anatole	45.98	14	eP	P	23 12 23.4	+1.8
MDN	Morne-Daniel	46.40	14	eP	P	23 12 22.4	-1.5
TGUH	Teugicalpa,Un	46.66	339	P	P	23 12 25.5	-0.6
TGUH	comp-Z,230nm,0.8s			Iamb	Iamb	23 12 34.8	
DWS	Wesley	46.66	14	eP	P	23 12 24.4	-1.5
MDVC	Dominica, Viel	46.69	13	eP	P	23 12 29.5	+3.4
SNET	Serv Nac Est T	46.96	336	P	P	23 12 28.4	0.0
CBE	Ff, Capester	47.09	13	eP	P	23 12 28.8	-0.5
MLYT	Lee's Yard	47.62	12	eP	P	23 12 28.8	-4.6
NVHF	Bath Hotel, Ne	47.93	11	eP	P	23 12 30.0	+2.2
NEV	Hard Times	47.93	12	eP	P	23 12 36.6	+0.6
NVRH	Round Hill, Ne	47.99	11	eP	P	23 12 36.6	+0.3
SKI	Saint Kitts	48.12	11	P	P	23 12 36.3	-1.0
SKI	comp-Z,568nm,0.9s						
SKI	comp-Z,42um,21.0s			MLR	MLR		
SKI	Saint Kitts	48.12	11	eP	P	23 12 35.7	-1.6
SKI	Saint Kitts	48.12	11	eP	P	23 12 38.2	+0.9
SKI	Saint Kitts	48.12	11	P	P	23 12 36.3	-1.0
SKI	comp-Z,42um,21.0s			IAMS_20	IAMS_20	23 36 11.0	
ICMP	Isla Caja de M	48.16	6	P	P	23 12 35.5	-2.0
MLPR	Magueyes Islan	48.20	6	P	P	23 12 35.3	-2.5
CRPR	Cabo Rojo, PR	48.23	6	P	P	23 12 36.3	-1.8
SEUS	St. Eustatius	48.23	11	IAMS_20	IAMS_20	23 36 46.1	
SEUS	comp-Z,37um,19.0s						
OBIP	Obispado Ponce	48.31	6	P	P	23 12 36.7	-2.0
SABA	Saba	48.32	11	eP	P	23 12 36.3	-2.5
SABA	Saba	48.32	11	Iamb	Iamb	23 12 36.7	-2.1
SABA	comp-Z,275nm,0.8s			IAMS_20	IAMS_20	23 36 16.3	
PDRP	Patillas Dam,	48.34	7	P	P	23 12 37.5	-1.5
PDRP	comp-Z,235nm,0.8s						
SJG	San Juan	48.42	7	P	P	23 12 37.5	-2.0
SJG	comp-Z,324nm,0.8s						
SJG	San Juan	48.42	7	P	P	23 12 37.5	-2.0
MPR	Mayaguez	48.43	6	P	P	23 12 39.0	-0.6
BANI	BANI	48.44	1	P	P	23 12 39.0	-0.9
HUMP	Col San Antoni	48.48	7	P	P	23 12 39.1	-0.9
HUMP	comp-Z,154nm,0.9s			Iamb	Iamb	23 12 47.3	
SDD	Santo Domingo	48.51	2	P	P	23 12 38.9	-1.4
SDD	comp-Z,45um,21.0s			IAMS_20	IAMS_20	23 34 49.7	
AOPR	Arcilio Obsey	48.59	6	P	P	23 12 39.4	-1.5
MTDJ	Mount Denham	48.61	352	P	P	23 12 38.9	-2.2
MTDJ	comp-Z,309nm,1.3s			Iamb	Iamb	23 13 15.2	
CBYP	Canovanas	48.61	7	P	P	23 12 39.0	-2.1
ANWB	Willy Bob	48.61	12	eP	P	23 12 35.7	+5.3
ANWB	Willy Bob	48.61	12	eP	P	23 12 36.9	-4.2
ANWB	Willy Bob	48.61	12	P	P	23 12 38.7	-2.3
ANWB	comp-Z,238nm,0.8s			Iamb	Iamb	23 12 46.2	
ANWB	comp-Z,35um,20.0s			IAMS_20	IAMS_20	23 34 56.2	
GCPR	Guaynabo City	48.62	7	P	P	23 12 39.1	-2.0
PCDR	Punta Cana, DR	48.64	4	P	P	23 12 40.0	-1.2
AGPR	Aguadilla, PR	48.68	6	P	P	23 12 39.8	-1.7
AGPR	comp-Z,203nm,0.8s			Iamb	Iamb	23 12 50.0	
EMPR	Esperanza - Ma	48.74	6	P	P	23 12 40.5	-1.5
STVI	Saint Thomas	48.79	8	P	P	23 12 41.2	-1.2
DR12	Loma Pena Alta	48.86	3	P	P	23 12 42.2	-0.9
SDDR	Presa de Saban	49.01	0	P	P	23 12 42.4	-1.8
SDDR	comp-Z,19nm,0.5s,baz=0.0,slow=1.1,SNR=2.3			IAMS_20	IAMS_20	23 35 17.7	
ABVI	Aneгада Island	49.25	9	P	P	23 12 43.2	-2.7
ABVI	comp-Z,294nm,0.9s			Iamb	Iamb	23 13 16.6	
SC01	Santiago de O	49.46	1	P	P	23 12 47.7	+0.2
GTBY	Guantanamo Bay	50.07	356	Iamb	Iamb	23 13 00.0	
FCYG	Frank Sound, G	50.21	348	P	P	23 12 53.3	+0.1
FCYG	The Bluff, Cay	50.39	350	P	P	23 12 53.3	+0.8
CSCY	Comitan	50.61	334	IAMS_20	IAMS_20	23 29 02.3	
PTCN	Pitcairn Islan	51.66	261	IAMS_20	IAMS_20	23 28 50.1	
CMIG	comp-Z,25um,19.0s			S	S	23 23 08.7	+0.2
CMIG	Mattias Romero	52.23	331	P	P	23 13 08.7	+0.2
CMIG	comp-Z,19nm,0.5s,baz=0.0,slow=1.1,SNR=2.3			S	S	23 20 30.3	-2.2
CMIG	comp-Z,0.9nm,0.5s,baz=0.0,slow=1.1,SNR=2.3			LR	LR	23 30 19.3	
VNA3	Neumayer Olym	52.61	159	P	P	23 13 10.0	-0.8
TEIG	Tepeich	52.78	340	P	P	23 13 12.3	-0.1
TEIG	comp-Z,99nm,0.5s,baz=140,slow=5.8			Iamb	Iamb	23 13 35.0	
VNA1	Neumayer-Stat	52.90	158	P	P	23 13 13.0	+0.2
VNA2	Neumayer-Watz	53.24	158	P	P	23 13 14.6	-0.7
TLIG	Tiapa	54.27	328	P	P	23 13 25.4	+1.7
SNA4	Sanae	54.83	159	P	P	23 13 26.1	-0.9
SNA4	Sanae	54.83	159	d/P	P	23 13 26.6	-0.5
SNA4	comp-Z,1181um,19.0s			MLR	MLR		
SNA4	Sanae	54.83	159	P	P	23 13 26.1	-0.9
SNA4	comp-Z,42um,22.0s			IAMS_20	IAMS_20	23 34 11.4	
062Z	Marathon	55.49	349	P	P	23 13 32.7	+0.5
062Z	comp-Z,170nm,0.5s,baz=170,slow=3.0			S	S	23 21 19.9	+3.6
061Z	Ochoppi	56.58	350	P	P	23 13 41.0	+1.0
061Z	Ochoppi	56.58	350	P	P	23 13 39.2	-0.7
061Z	comp-Z,362nm,1.1s			Iamb	Iamb	23 13 56.3	
060Z	West Palm Beac	57.06	350	P	P	23 13 44.0	+0.6
059Z	Ave Maria	57.13	349	P	P	23 13 44.8	+0.9
MOIG	Morelia	57.33	326	P	P	23 13 46.4	+0.7
060A	Indiantown	57.65	351	P	P	23 13 48.2	+0.7
060A	Indiantown	57.65	351	P	P	23 13 46.0	-1.5
060A	comp-Z,438nm,1.4s			Iamb	Iamb	23 14 04.1	
059A	Moore Haven	57.70	350	P	P	23 13 49.0	+1.2
ASCN	Ascension	57.75	80	P	P	23 13 46.7	-1.9
058A	Arcadia	57.89	349	P	P	23 13 49.9	+0.7
959A	Okeechobee	58.21	350	P	P	23 13 53.0	+1.6
859A	Kempfer Cattle	58.74	350	P	P	23 13 56.0	+0.9
DWPF	Disney Wildern	58.87	350	P	P	23 13 57.1	+1.1
DWPF	Disney Wildern	58.87	350	P	P	23 13 55.2	-0.8
DWPF	comp-Z,316nm,1.4s			Iamb	Iamb	23 14 11.3	
QSPA	South Pole Qui	59.91	180	P	P	23 14 01.9	-1.1
658A	Bunnell	60.13	350	P	P	23 14 05.7	+1.1
658A	Bunnell	60.13	350	P	P	23 14 00.4	-4.3
658A	comp-Z,309nm,1.2s			Iamb	Iamb	23 43 44.2	
658A	comp-Z,18um,21.0s			IAMS_20	IAMS_20	23 43 44.2	
656A	Willston	60.28	349	P	P	23 14 06.9	+1.2
656A	Willston	60.28	349	P	P	23 14 04.6	-1.1
ZAIG	Zacatecas	60.63	327	P	P	23 14 09.2	+0.6
457A	Yulee	61.35	350	P	P	23 14 14.4	+1.5
SHEL	Horse Pasture	61.39	92	P	P	23 14 11.9	-1.9
SHEL	comp-Z,273nm,1.0s			pmax	pmax		

SHEL	comp-Z,21um,20.0s			MLR	MLR		
SHEL	Horse Pasture	61.39	92	P	P	23 14 11.9	-1.9
SHEL	Horse Pasture	61.39	92	IAMS_20	IAMS_20	23 37 03.9	
553A	Crawfordville	61.41	347	P	P	23 14 15.1	+1.7
456A	Hilliard	61.52	350	P	P	23 14 15.5	+1.3
456A	Hilliard	61.52	350	P	P	23 14 13.7	-0.5
455A	Hilliard	61.70	349	P	P	23 14 16.4	+1.1
454A	Quitman	61.78	348	P	P	23 14 15.8	-0.1
HOE1	SOCORRO T-PHAS	1.83	317	T	T	00 21 26.8	
453A	Whigham	62.04	348	P	P	23 14 18.7	+1.1
453A	Whigham	62.04	348	P	P	23 14 17.1	-0.5
453A	comp-Z,19um,21.0s			IAMS_20	IAMS_20	23 44 08.6	
451A	Vernon	62.09	346	P	P	23 14 19.6	+1.6
451A	Vernon	62.09	346	P	P	23 14 17.8	-0.2
356A	Blackshear	62.13	350	P	P	23 14 19.2	+1.0
357A	Townsend	62.13	350	P	P	23 14 19.6	+1.4
355A	Pearson	62.26	349	P	P	23 14 20.1	+1.0
TIGA	Trifton	62.48	348	P	P	23 14 21.4	+0.8
TIGA	Trifton	62.48	348	P	P	23 14 20.2	-0.3
TIGA	comp-Z,15um,19.0s			IAMS_20	IAMS_20	23 46 25.2	
353A	Camilla	62.50	348	P	P	23 14 21.7	+1.0
257A	Wayway Islan	62.60	351	P	P	23 14 22.3	+1.0
257A	Skidaway Islan	62.60	351	P	P	23 14 20.4	-1.0
257A	comp-Z,19um,22.0s			IAMS_20	IAMS_20	23 43 43.8	
BBSR	BB Station	62.68	6	P	P	23 14 20.7	-1.1
256A	Glennville	62.73	350	P	P	23 14 23.0	+0.8
352A	Blakely	62.76	347	P	P	23 14 23.3	+0.9
352A	Blakely	62.76	347	P	P	23 14 23.2	-0.2
255A	Hazlehurst	62.77	350	P	P	23 14 22.3	+0.7
255A	Hazlehurst	62.77	350	P	P	23 14 23.6	+1.2
255A	comp-Z,15um,19.0s			IAMS_20	IAMS_20	23 45 48.0	
KVTX	Kingsville	62.82	334	P	P	23 14 23.6	+0.7
BRAL	Brewton	62.91	345	P	P	23 14 24.5	+1.1
BRAL	Brewton	62.91	345	P	P	23 14 22.6	-0.8
254A	Abbeville	62.92	349	P	P	23 14 24.1	+0.6
253A	Americus	63.18	348	P	P	23 14 25.8	+0.6
253A	Americus	63.18	348	P	P	23 14 25.7	+0.6
252A	Lumpkin	63.23	347	P	P	23 14 26.0	+0.5
157A	Earlywood	63.25	352	P	P	23 14 27.0	+1.4
157A	Holly Branch	63.29	351	P	P	23 14 27.6	+1.7
156A	Sylvania	63.34	351	P	P	23 14 27.4	+1.2
155A	Roger Stewart	63.41	352	P	P	23 14 25.9	-0.9
155A	Kite	63.45	350	P	P	23 14 27.3	+0.4
CSU	Charleston Sou	63.48	352	P	P	23 14 26.6	-0.5
250A	Grady	63.52	346	P	P	23 14 28.0	+0.5
250A	Grady	63.52	346	P	P	23 14 26.2	-1.3
154A	Montrose	63.54	349	P	P	23 14 28.3	+0.7
154A	Montrose	63.54	349	P	P	23 14 26.8	-0.8
NHSC	New Hope	63.61	352	P	P	23 14 29.1	+1.0
NHSC	New Hope	63.61	352	P	P	23 14 28.4	+0.4
259A	Georgetown, SC	63.64	353	P	P	23 14 29.5	+1.3
153A	Fort Valley	63.70	348	P	P	23 14 29.9	+1.2
258A	St. Stephen	63.79	352	P	P	23 14 29.7	+0.5
257A	St. Stephen	63.86	351	P	P	23 14 29.5	-0.2
152A	Waverly Hall	63.88	348	P	P	23 14 30.7	+0.8
152A	Waverly Hall	63.88	348	Iamb	Iamb	23 14 44.6	
256A	Williston	63.98	351	P	P	23	

31d 23h

WHTX	Lake Whitney, baz=175,SNR=5.6	66.68	356	P	P	23	14	47.3	-0.7
U58A	Oxford baz=156,SNR=10	66.69	354	P	P	23	14	47.5	-0.4
CCAR	Cane Creek baz=171	66.69	342	P	P	23	14	49.1	+1.0
SBA	Scott Base	66.77	191	P	P	23	14	48.6	+0.5
SBA	comp=Z,1.1um,2.0s			pmax	pmax				
TX32	Lajitas Array baz=225nm,1.5s	66.77	330	I	Amb	23	15	02.0	
TXAR	Lajitas Array baz=2,11nm,0.9s,baz=153,slow=8.7,SNR=32	66.77	330	P	P	23	14	48.5	-0.4
TXAR	comp=Z,0.3nm,0.8s,baz=76,slow=27,SNR=2.4			S	S	23	23	39.3	-0.8
TXAR	comp=Z,2.3um,18.3s,baz=0.0,slow=32			LR	LR	23	40	00.6	
TXAR	comp=Z,0.9nm,0.9s,baz=318,slow=1.7,SNR=5.6			PKP2bc	P/Pbc	23	43	23.4	+7.0
TX31	Lajitas Ar. Si baz=254nm,1.5s	66.77	330	I	Amb	23	15	02.0	
V52A	Sevierville baz=168,SNR=25	66.78	349	P	P	23	14	47.4	-1.2
V52A	Sevierville baz=226nm,1.2s	66.78	349	I	Amb	23	15	00.7	
V52A	comp=Z,1.3um,20.0s			IAMS_20	IAMS_20	23	48	10.2	
PLAL	Pickwick Lake baz=257nm,1.2s	66.80	345	I	Amb	23	15	04.4	
U57A	Blanch baz=173	66.80	353	P	P	23	14	48.4	-0.3
U56A	King baz=172,SNR=11	66.83	352	P	P	23	14	48.2	-0.7
V51A	Loudon baz=168,SNR=21	66.87	349	P	P	23	14	48.3	-0.9
V51A	Loudon comp=Z,229nm,1.1s	66.87	349	I	Amb	23	15	04.3	
V51A	comp=Z,1.1um,22.9s			IAMS_20	IAMS_20	23	41	12.5	
V50A	Pikeville baz=167,SNR=29	66.87	348	P	P	23	14	48.2	-0.9
X43A	Marvell baz=162	67.03	343	P	P	23	14	49.3	-0.8
X43A	Marvell baz=171,SNR=6.2	67.03	343	P	P	23	14	50.6	+0.5
U55A	T2, Sparta baz=171,SNR=6.2	67.07	352	P	P	23	14	49.6	-0.8
V49A	McMinnville baz=167,SNR=39	67.11	347	P	P	23	14	49.5	-1.2
U53A	Fall Branch baz=170,SNR=15	67.14	350	P	P	23	14	49.5	-1.4
TAOE	Nuku Hiva Isla comp=Z,1.7um,26.2s	67.17	273	eS	S	23	23	38.3	-7.4
TAOE	comp=Z,1.1um,22.9s			eLQ	LQ	23	32	14.5	
TAOE	comp=Z,3.0um,26.2s			eLR	LR	23	35	04.6	
TAOE	Nuku Hiva Isla comp=Z,4.5nm,0.2s	67.17	273	eT	T	00	27	27.8	
TAOE	Nuku Hiva Isla comp=Z,1.9um,20.0s	67.17	273	I	Amb	23	36	44.5	
T59A	Double "B" Far baz=174,SNR=12	67.17	355	P	P	23	14	51.0	0.0
T59A	Double "B" Far baz=174,SNR=12	67.17	355	P	P	23	15	02.2	-0.8
T59A	comp=Z,2.47nm,1.1s			I	Amb	23	15	07.2	
U54A	Nelsons Funny baz=170,SNR=16	67.19	351	P	P	23	14	50.1	-1.2
U54A	Nelsons Funny baz=2.02nm,1.1s	67.19	351	I	Amb	23	15	06.4	
T58A	Grand View Acr baz=174,SNR=9.7	67.23	354	P	P	23	14	51.1	-0.3
V48A	Smith Brothers baz=166,SNR=30	67.27	347	P	P	23	14	50.7	-1.0
T60A	Surry baz=175	67.28	355	P	P	23	14	51.6	-0.1
T60A	Surry baz=175	67.28	355	P	P	23	14	52.3	+0.6
T60A	comp=Z,2.28nm,0.9s			I	Amb	23	15	08.1	
T60A	comp=Z,2.3um,20.0s			IAMS_20	IAMS_20	23	45	34.6	
U52A	Thom baz=169,SNR=8.6	67.28	350	P	P	23	14	50.7	-1.2
T57A	Hurt baz=173	67.35	353	P	P	23	14	51.6	-0.5
T57A	Hurt comp=Z,2.21nm,1.6s	67.35	353	I	Amb	23	15	07.9	
MET	Memphis-Eng	67.36	344	P	P	23	14	53.7	+1.4
U51A	La Follette baz=168,SNR=19	67.38	349	P	P	23	14	51.2	-1.2
TZTN	Tazewell baz=169,SNR=11	67.46	350	P	P	23	14	53.2	+0.3
TZTN	Tazewell comp=Z,2.28nm,1.2s	67.46	350	I	Amb	23	15	08.8	
TZTN	comp=Z,1.4um,21.0s			IAMS_20	IAMS_20	23	48	30.2	
T56A	Rocky Mt baz=172,SNR=18	67.47	353	P	P	23	14	52.8	-0.1
X40A	Basin Creek Fa baz=160	67.52	341	P	P	23	14	52.5	-0.8
X40A	Basin Creek Fa baz=160	67.52	341	P	P	23	14	53.5	+0.2
U50A	Jamestown baz=168,SNR=21	67.55	348	P	P	23	14	52.9	-0.6
T55A	Pulaski baz=171,SNR=12	67.64	352	P	P	23	14	54.5	+0.4
UALR	University of baz=225nm,1.4s	67.66	342	I	Amb	23	14	54.2	+0.1
UALR	comp=Z,2.45nm,1.4s			I	Amb	23	15	09.7	
T54A	Tazewell baz=171,SNR=19	67.69	351	P	P	23	14	53.5	-0.8
BLA	Blacksburg baz=172	67.69	352	P	P	23	14	54.0	-0.4
BLA	Blacksburg baz=172	67.69	352	P	P	23	14	55.0	+0.6
BLA	comp=Z,4.75nm,1.9s			pmax	pmax				
BLA	comp=Z,7um,19.0s			MLR	MLR				
BLA	comp=Z,4.75nm,1.9s			I	Amb	23	14	55.0	+0.6
BLA	comp=Z,4.75nm,1.9s			I	Amb	23	15	10.0	
T53A	Wise baz=170,SNR=9.5	67.74	350	P	P	23	14	54.4	-0.3
S61A	Accomac baz=176	67.75	356	P	P	23	14	54.7	0.0
S61A	Accomac comp=Z,1.4um,21.0s	67.75	356	IAMS_20	IAMS_20	23	45	32.1	
MIAR	Mount Ida baz=160,SNR=20	67.79	340	P	P	23	14	54.3	-0.7
U49A	Red Boiling Sp baz=167,SNR=26	67.81	348	P	P	23	14	53.9	-1.2
S60A	Water View baz=175	67.84	356	P	P	23	14	55.3	0.0
S58A	Poland Farm, P baz=174,SNR=16	67.85	354	P	P	23	14	55.3	0.0
S58A	Poland Farm, P comp=Z,2.42nm,1.3s	67.85	354	I	Amb	23	15	11.5	
WVT	Waverly baz=165	67.85	346	P	P	23	14	54.8	-0.5
WVT	Waverly baz=165	67.85	346	P	P	23	14	54.6	-0.8
WVT	comp=Z,1um,1.7s			pmax	pmax				
WVT	Waverly baz=169	67.85	346	P	P	23	14	54.6	-0.8
T52A	Hallie baz=171,SNR=11	67.93	350	I	Amb	23	14	54.6	-0.8
T52A	Hallie baz=171,SNR=11	67.93	350	I	Amb	23	15	07.9	
T51A	Gray baz=168,SNR=22	67.94	349	P	P	23	14	55.0	-0.8
S59A	Mechanicsville baz=175	67.94	355	P	P	23	14	56.3	+0.5
HALT	Halls baz=175	67.98	344	P	P	23	14	56.8	+0.7
W41B	Gary Mavity, V baz=161,SNR=22	68.01	342	P	P	23	14	55.7	-0.6
ABTX	Abilene, Hawle baz=154,SNR=35	68.04	335	P	P	23	14	56.2	-0.5
S56A	Natural Bridge baz=173	68.06	353	P	P	23	14	56.7	0.0
S57A	Dark Hollow, R baz=173,SNR=6.9	68.08	354	P	P	23	14	56.7	-0.1
S57A	Dark Hollow, R comp=Z,2.71nm,1.6s	68.08	354	I	Amb	23	15	14.8	
T50A	Nancy baz=168,SNR=16	68.14	349	P	P	23	14	58.3	+1.2
R58B	Mineral baz=174,SNR=25	68.19	355	P	P	23	14	58.0	+0.6
R58B	Mineral comp=Z,2.62nm,1.3s	68.19	355	I	Amb	23	15	10.9	
R58B	comp=Z,1.6um,20.0s			IAMS_20	IAMS_20	23	47	56.9	

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GNAR	comp=Z,1.6um,20.0s								
LNXT	Gosnell	68.19	344	P	P	23	14	58.6	+1.1
S55A	Lenox baz=172,SNR=11	68.19	344	P	P	23	14	58.8	+1.3
UTMT	University of	68.25	352	P	P	23	14	58.1	+0.2
PEMB	Pemiscott Bayo	68.28	345	P	P	23	14	58.8	+0.7
GLAT	Glass	68.29	344	P	P	23	14	59.1	+1.0
T49A	Edmonton baz=177,SNR=13	68.31	345	P	P	23	14	59.5	+1.3
T49A	Edmonton	68.34	348	P	P	23	14	57.8	-0.6
R59A	King George, V	68.34	348	I	Amb	23	14	57.7	-0.8
R59A	comp=Z,331nm,1.3s			I	Amb	23	15	13.6	
S53A	Williamson	68.36	355	P	P	23	14	59.0	+0.5
S54A	Dingess, Beckl baz=170	68.37	351	P	P	23	14	58.4	-0.2
S54A	Dingess, Beckl baz=176	68.38	352	P	P	23	14	58.8	+0.1
S54A	Dingess, Beckl baz=176	68.38	352	P	P	23	14	58.8	+0.1
S54A	Dingess, Beckl baz=176	68.38	352	P	P	23	14	58.8	+0.1
R61A	Willards	68.38	357	P	P	23	14	58.1	+0.5
CBN	Corbin Frederi	68.39	355	P	P	23	14	59.0	+0.4
CBN	Corbin Frederi	68.39	355	P	P	23	14	59.0	+0.4
R60A	Leonardtown, M baz=175	68.39	356	P	P	23	14	59.0	+0.3
W39A	Magazine baz=160,SNR=78	68.46	340	P	P	23	14	59.1	-0.1
SS2A	Salysville	68.50	350	P	P	23	14	59.0	-0.5
R58A	Rapidan baz=174,SNR=12	68.53	355	P	P	23	14	59.3	-0.3
T47A	Sharon Grove baz=169,SNR=33	68.53	347	P	P	23	14	58.9	-0.7
S51A	Beattville	68.54	350	P	P	23	15	00.0	+0.4
S51A	Beattville comp=Z,2.57nm,1.4s	68.54	350	I	Amb	23	15	14.8	
S51A	comp=Z,1.9um,20.0s			IAMS_20	IAMS_20	23	47	29.9	
HICK	Hickman	68.55	345	P	P	23	15	00.6	+0.8
PEHM	Penman	68.56	344	P	P	23	15	01.2	+1.4
LCAR	Lake Charles	68.57	343	I	Amb	23	15	12.2	
R57A	Stanardsville comp=Z,1.6um,1.2s	68.57	354	P	P	23	14	59.5	-0.3
FCAR	Ozark Folk Cen	68.65	342	P	P	23	15	01.5	+1.1
FCAR	comp=Z,3.96nm,1.6s			I	Amb	23	15	15.5	
TBI	Tubuai comp=Z,2.71nm,1.2s	68.67	255	eP	P	23	14	54.7	-6.3
TBI	comp=Z,2.0um,26.8s			eS	S	23	23	52.6	-11
TBI	comp=Z,1.5um,28.2s			eLQ	LQ	23	32	04	

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121A 121A	Cookes Peak, D	71.33 328	P	Iamb	Iamb	23 15 18.6 +1.4 23 15 34.6
M60A	Port Jervis comp=Z,337nm,1.2s baz=177,SNR=12	71.34 358	P	P	P	23 15 15.5 -1.3
N54A	Moraine State baz=172,SNR=11	71.35 353	P	P	P	23 15 16.8 0.0
N54A	Moraine State comp=Z,354nm,1.5s baz=180	71.35 353	Iamb	Iamb	Iamb	23 15 32.0
M63A	Gales Ferry baz=171	71.36 360	P	P	P	23 15 16.6 -0.2
N52A	McGinn's Farm, baz=171	71.39 352	P	P	P	23 15 16.6 -0.6
M62A	Hamden baz=179	71.41 359	P	P	P	23 15 16.9 -0.3
M58A	Price's Panora baz=176,SNR=9.8	71.47 356	P	P	P	23 15 18.3 +0.7
M57A	Sunshine Farm, baz=175,SNR=9.2	71.48 356	P	P	P	23 15 18.0 +0.4
M57A	Sunshine Farm, comp=Z,372nm,1.7s	71.48 356	P	Iamb	Iamb	23 15 19.7 +2.0 23 15 34.0
M57A	comp=Z,19um,22.0s baz=180	71.51 0	P	P	P	23 15 17.5 -0.2
M65A	Busby, Falmout baz=181	71.52 1	P	P	P	23 15 17.9 0.0
M65A	Busby, Falmout comp=Z,13um,19.0s	71.52 1	IAMS_20	IAMS_20	IAMS_20	23 52 31.8
N50A	Nevada baz=170,SNR=15	71.55 351	P	P	P	23 15 17.0 -1.0
N51A	Ashland baz=170	71.59 351	P	P	P	23 15 18.1 -0.1
N51A	Ashland comp=Z,247nm,1.2s Skaggs, Pawnee baz=164,SNR=18	71.59 345	Iamb	Iamb	Iamb	23 15 33.3
P43A	Skaggs, Pawnee baz=164,SNR=18	71.59 345	P	P	P	23 15 17.9 -0.4
M59A	Waymart baz=176,SNR=12	71.59 357	P	P	P	23 15 17.5 -0.9
KSPA	Keystone Colle comp=Z,12um,21.0s	71.62 357	IAMS_20	IAMS_20	IAMS_20	23 49 04.5
M56A	Emporium baz=174,SNR=9.4	71.71 355	P	P	P	23 15 17.9 -1.2
M56A	Emporium comp=Z,231nm,1.2s baz=174	71.71 355	Iamb	Iamb	Iamb	23 15 34.9
M55A	Ridgway baz=174	71.74 354	P	P	P	23 15 18.9 -0.3
M55A	Ridgway comp=Z,224nm,1.1s	71.74 354	Iamb	Iamb	Iamb	23 15 35.0
SFIN	Lafayette baz=166,SNR=11	71.81 348	P	P	P	23 15 17.6 -2.0
SFIN	Lafayette comp=Z,326nm,1.4s	71.81 348	Iamb	Iamb	Iamb	23 15 35.0
SFIN	comp=Z,13um,20.0s	71.82 360	IAMS_20	IAMS_20	IAMS_20	23 51 16.2
L63A	North Scituate baz=180	71.82 360	P	P	P	23 15 20.1 +0.4
N49A	Columbus Grove baz=169,SNR=17	71.84 350	P	P	P	23 15 19.1 -0.7
O44A	Mansfield baz=165,SNR=9.4	71.86 346	P	P	P	23 15 19.0 -0.9
O44A	Mansfield comp=Z,359nm,1.4s baz=173	71.86 354	P	Iamb	Iamb	23 15 20.1 +0.2 23 15 31.7
M54A	Oil Creek Stat baz=173	71.86 354	P	P	P	23 15 19.6 -0.3
BRYW	Bryant College	71.87 360	P	Iamb	Iamb	23 15 19.9 -0.1 23 15 33.7
BRYW	comp=Z,196nm,1.2s baz=181	71.89 1	P	P	P	23 15 19.4 -0.7
L64A	Middleborough baz=171	71.90 353	P	P	P	23 15 20.3 +0.1
M53A	WI Miller and baz=172	71.92 349	P	P	P	23 15 19.2 -1.1
N48A	Decatur baz=168,SNR=13	71.97 352	P	P	P	23 15 20.4 -0.1
M51A	Elyria baz=170	71.99 358	P	P	P	23 15 20.2 -0.4
L60A	Shokan baz=178,SNR=6.1	72.00 359	P	P	P	23 15 20.7 0.0
L62A	Suffield baz=171	72.00 359	P	P	P	23 15 20.7 0.0
L65A	Cape Cod Natio baz=181	72.05 349	P	P	P	23 15 21.6 +1.0
N47A	Urbana baz=167,SNR=16	72.05 349	Iamb	Iamb	Iamb	23 15 35.6
N47A	Urbana comp=Z,371nm,1.2s	72.05 353	P	P	P	23 15 21.7 +0.6 23 15 36.5
ALLY	Alegheny Colle	72.05 353	P	Iamb	Iamb	23 15 21.7 +0.6 23 15 36.5
ALLY	comp=Z,230nm,1.2s	72.07 352	IAMS_20	IAMS_20	IAMS_20	23 51 44.9
M52A	Chesterland baz=171	72.07 352	P	P	P	23 15 20.9 -0.3
M52A	Chesterland comp=Z,195nm,1.0s	72.07 352	Iamb	Iamb	Iamb	23 15 20.5 -0.7 23 15 36.5
M52A	comp=Z,13um,21.0s Harry Jones Me baz=176	72.11 357	P	P	P	23 15 21.5 +0.1
L57A	Andrews Acres baz=175,SNR=5.5	72.12 356	P	P	P	23 15 21.3 -0.2
M50A	Fremont baz=170	72.15 351	P	P	P	23 15 21.5 -0.1
M50A	Fremont comp=Z,263nm,1.1s Hillsdale 1, H baz=178	72.15 351	Iamb	Iamb	Iamb	23 15 22.1 +0.5 23 15 36.8
L61A	Hillsdale 1, H baz=178	72.17 358	P	P	P	23 15 21.9 +0.1
BNN	Barren Site baz=172,SNR=11	72.19 330	P	P	P	23 15 23.4 +1.0 23 15 22.5 +0.4
L59A	Walton baz=177,SNR=11	72.22 357	IAMS_20	IAMS_20	IAMS_20	23 49 36.3
L59A	Walton comp=Z,12um,21.0s	72.25 330	IAMS_20	IAMS_20	IAMS_20	23 15 20.9 -1.7
Y22D	IRIS PASSCAL I baz=148	72.25 330	P	P	P	23 15 23.5 +0.9
Y22D	IRIS PASSCAL I Binghamton baz=176	72.27 357	P	P	P	23 15 22.7 +0.2
BINY	Binghamton baz=172	72.27 357	P	P	P	23 15 22.6 +0.2 23 15 23.4 +1.0 23 53 05.8
BCX	Boston College	72.29 0	P	IAMS_20	IAMS_20	23 15 22.4 -0.3
BCX	comp=Z,11um,19.0s	72.31 355	P	P	P	23 15 38.7
L56A	Greenwood baz=175,SNR=17	72.31 355	Iamb	Iamb	Iamb	23 15 38.7
L56A	Greenwood comp=Z,212nm,2.0s	72.31 355	IAMS_20	IAMS_20	IAMS_20	23 49 15.6
L56A	comp=Z,13um,20.0s	72.33 330	P	P	P	23 15 24.1 +1.0 23 15 22.6 -0.1
LPM	Los Pinos Moun	72.34 0	P	P	P	23 15 24.1 +1.0 23 15 22.6 -0.1
WES	Weston	72.34 0	P	Pmax	Pmax	23 15 24.1 +1.0 23 15 22.6 -0.1
WES	comp=Z,233nm,1.8s	72.34 0	MLR	MLR	MLR	23 15 22.6 -0.1 23 52 59.5
WES	Weston comp=Z,12um,19.0s	72.34 0	P	P	P	23 15 22.6 -0.1 23 52 59.5
M49A	Liberty Center baz=169	72.36 350	P	P	P	23 15 22.5 -0.4
L53A	Girard baz=172	72.36 353	P	P	P	23 15 22.9 -0.1
L61B	Northampton baz=179,SNR=14	72.41 359	P	P	P	23 15 22.5 -0.7
HDIL	Hopedale baz=164,SNR=10	72.42 346	P	P	P	23 15 22.3 -0.9
L55A	Hinsdale baz=174,SNR=11	72.42 355	P	P	P	23 15 23.0 -0.3
HRV	Adam Dziewonsk baz=180	72.46 360	P	P	P	23 15 23.9 +0.4
HRV	Adam Dziewonsk comp=Z,101nm,1.1s	72.46 360	P	Pmax	Pmax	23 15 24.1 +0.6
HRV	comp=Z,11um,19.0s	72.46 360	MLR	MLR	MLR	23 15 24.1 +0.6 23 52 59.5
HRV	Adam Dziewonsk baz=180	72.46 360	P	P	P	23 15 24.1 +0.6 23 52 59.5
HRV	Adam Dziewonsk comp=Z,11um,19.0s	72.48 350	P	P	P	23 15 23.0 -0.6
M48A	Edgerton baz=168	72.48 350	P	P	P	23 15 23.7 +0.1
M48A	Edgerton comp=Z,343nm,1.2s	72.48 350	Iamb	Iamb	Iamb	23 15 38.5
M48A	comp=Z,13um,22.0s	72.48 350	IAMS_20	IAMS_20	IAMS_20	23 46 14.3

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ERPA	Erie baz=172	72.50 353	P	P	P	23 15 23.9 +0.2
ERPA	Erie comp=Z,247nm,1.2s	72.50 353	P	P	P	23 15 23.9 +0.2 23 15 24.4 +0.7
M47A	Cromwell baz=180	72.50 349	P	P	P	23 15 23.1 -0.9
L54A	Sinclairville baz=173,SNR=9.5	72.55 354	P	P	P	23 15 23.8 -0.7
TUC	Tucson baz=145	72.56 326	P	P	P	23 15 27.0 +2.6
TUC	Tucson comp=Z,211nm,1.5s	72.56 326	Pmax	Pmax	Pmax	23 15 27.0 +2.6
TUC	comp=Z,19um,20.0s	72.56 326	MLR	MLR	MLR	23 15 27.0 +2.6
TUC	Tucson baz=178	72.56 326	IAMS_20	IAMS_20	IAMS_20	23 42 56.0
TUC	Tucson comp=Z,19um,20.0s	72.56 326	IAMS_20	IAMS_20	IAMS_20	23 42 56.0
K60A	Five Rivers En baz=178	72.61 358	P	P	P	23 15 23.8 -0.5
K62A	Royalston baz=179,SNR=5.2	72.62 359	P	P	P	23 15 24.6 +0.2
K62A	Royalston comp=Z,293nm,1.6s baz=178	72.62 359	Iamb	Iamb	Iamb	23 15 25.2 +0.7 23 15 41.4
K61A	Williamstown baz=178	72.64 359	P	P	P	23 15 23.8 -0.8
K63A	Dunstable baz=180	72.64 360	P	P	P	23 15 24.5 0.0
WVNY	West Valley, N comp=Z,208nm,1.0s	72.66 354	Iamb	Iamb	Iamb	23 15 40.8
WVNY	comp=Z,13um,22.0s	72.71 358	IAMS_20	IAMS_20	IAMS_20	23 48 32.2
TRY	Troy comp=Z,182nm,1.1s	72.71 358	Iamb	Iamb	Iamb	23 15 41.7
L50A	Kingsville baz=170	72.75 351	P	P	P	23 15 23.5 -1.7
ANMO	Albuquerque comp=Z,39nm,1.3s,baz=163,slow=6.8,SNR=19	72.79 330	P	P	P	23 15 26.2 +0.3
ANMO	Albuquerque baz=149	72.79 330	P	P	P	23 15 25.3 -0.6
ANMO	Albuquerque comp=Z,289nm,1.5s	72.79 330	Pmax	Pmax	Pmax	23 15 26.7 +0.8
ANMO	comp=Z,26um,20.0s	72.79 330	MLR	MLR	MLR	23 15 26.7 +0.8
ANMO	Albuquerque baz=174	72.79 330	Iamb	Iamb	Iamb	23 15 39.7
ANMO	Albuquerque comp=Z,289nm,1.4s	72.79 330	IAMS_20	IAMS_20	IAMS_20	23 42 59.1
K59A	Copperstown baz=177	72.80 357	P	P	P	23 15 25.1 -0.4
K58A	Earlville baz=176	72.82 357	P	P	P	23 15 25.2 -0.4
K57A	Scipio Center baz=176,SNR=5.7	72.83 356	P	P	P	23 15 25.2 -0.5
K56A	Middlesex baz=175	72.85 356	P	P	P	23 15 24.5 -1.4
K54A	Basilliko Farm, baz=174	72.87 354	P	P	P	23 15 25.2 -0.7
L48A	N Adams baz=168,SNR=12	72.88 350	P	P	P	23 15 25.0 -1.0
N41A	Harden Midland baz=163,SNR=24	72.91 345	P	P	P	23 15 25.5 -0.7
K5U1	Kansas State U baz=158,SNR=6.6	72.91 340	P	P	P	23 15 25.9 -0.4
MMNV	Mt. Morris Dam MMNV	72.92 355	P	Iamb	Iamb	23 15 27.1 +0.9 23 15 39.2
K55A	Perry baz=174	72.93 355	P	P	P	23 15 25.9 -0.5
L49A	Milan baz=169,SNR=17	72.95 350	P	P	P	23 15 25.3 -1.1
M44A	Midewin, Midew baz=165,SNR=24	72.97 347	P	P	P	23 15 26.2 -0.3
M44A	Midewin, Midew comp=Z,12um,21.0s	72.97 347	IAMS_20	IAMS_20	IAMS_20	23 51 10.8
AAM	Ann Arbor baz=169	73.12 351	P	P	P	23 15 26.8 -0.6
AAM	Ann Arbor comp=Z,13um,22.0s	73.12 351	IAMS_20	IAMS_20	IAMS_20	23 46 02.1
J62A	Henniker baz=180,SNR=10	73.18 360	P	P	P	23 15 28.4 +0.7
LIC	Lamto comp=Z,556nm,1.3s	73.20 72	eP	P	P	23 15 27.3 -1.2
J60A	Lant Hill Farm baz=178	73.22 359	P	P	P	23 15 27.7 -0.3
K52A	Tilsonburg baz=172	73.23 353	P	P	P	23 15 27.1 -0.9
L46A	Eue Claire baz=160	73.25 349	P	P	P	23 15 28.2 0.0
L46A	Eue Claire comp=Z,198nm,1.1s	73.25 349	Iamb	Iamb	Iamb	23 15 39.9
K51A	Iona Station baz=171	73.26 352	P	P	P	23 15 27.0 -1.2
214A	Organ Pipe Nat baz=144,SNR=20	73.28 324	P	P	P	23 15 25.4 -3.2
214A	Organ Pipe Nat comp=Z,371nm,1.4s	73.28 324	Iamb	Iamb	Iamb	23 15 29.8 +1.1 23 15 42.5
214A	comp=Z,13um,18.0s	73.31 359	IAMS_20	IAMS_20	IAMS_20	23 45 39.1
J61A	Chester baz=179,SNR=11	73.31 359	P	P	P	23 15 28.4 0.0
ACCN	Adirondack Com ACCN	73.37 358	P	Iamb	Iamb	23 15 29.0 +0.1 23 15 35.0
ACCN	comp=Z,429nm,1.9s	73.37 358	IAMS_20	IAMS_20	IAMS_20	23 46 59.0
J56A	Wolcott baz=175	73.39 356	P	P	P	23 15 28.2 -0.8
J56A	Wolcott comp=Z,15um,2					

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Table with columns for ID, Name, Date, Time, and other details. Includes entries like G60A Masonville, G63A Kingsbury, G57A Newtiron, etc.

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Table with columns for ID, Name, Date, Time, and other details. Includes entries like F49A Sandfield, E60A Ste Agathe de, OGNE Ogallala, etc.

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Table with columns for ID, Name, Date, Time, and other details. Includes entries like F42A Maple Grove Fa, F42A Maple Grove Fa, BBRC Big Bear Solar, etc.

CHGQ	Chibougamau	79.91 328	P	P	23 16 04.9	-0.8
DUG	Dugway, Toelee	79.94 329	P	P	23 16 07.0	+0.7
DUG	Dugway, Toelee	79.94 329	IAMB	IAMB	23 16 19.9	
EYMN	Ely	79.95 346	P	P	23 16 06.5	+0.6
EYMN	Ely	79.95 346	IAMB	IAMB	23 16 11.8	
PGRA	Graciosa	80.01 33	eP	P	23 16 15.3	+8.8
TIN	Tinemet Big	80.05 324	P	P	23 16 10.7	+0.1
ADH	Angra Heroismo	80.07 34	eP	P	23 16 13.5	+6.7
VOG	Valley Oaks Go	80.08 323	P	P	23 16 07.2	+0.3
PAGB	Antelope Grade	80.10 322	IAMB	IAMB	23 16 24.6	
PDA	Ponta Delgada	80.13 35	eP	P	23 16 14.6	+7.5
PSET	Sete Cidades	80.16 35	eP	P	23 16 17.6	+10
PSCM	Serra do Cume	80.16 34	eP	P	23 16 16.0	+8.6
DRLN	Deer Lake	80.19 9	IAMS_20	IAMS_20	23 53 13.3	
GRON	Grota Negra	80.21 35	eP	P	23 16 15.4	+7.7
CMLA	Cha da Macela	80.21 35	eP	P	23 16 17.0	+9.4
CMLA	Cha da Macela	80.21 35	IAMS_20	IAMS_20	23 50 12.9	
BART	Pico Barilom	80.40 36	eP	P	23 16 17.2	+8.5
BW06	Boulder Array	80.70 333	P	P	23 16 09.4	-1.0
BW06	Boulder Array	80.70 333	IAMB	IAMB	23 16 12.3	+1.9
BW06	Boulder Array	80.70 333	IAMS_20	IAMS_20	23 48 29.4	
PD31	Pinedale Array	80.70 333	IAMB	IAMB	23 16 26.0	
PDAR	Pinedale Array	80.70 333	P	P	23 16 09.2	-1.2
PDAR	Pinedale Array	80.70 333	S	S	23 26 16.9	-0.2
PDAR	Pinedale Array	80.70 333	P	P	23 34 51.1	-0.7
PDAR	Pinedale Array	80.70 333	LR	LR	23 48 51.1	
MLAC	Mammoth, Mammoth	80.80 324	P	P	23 16 10.0	-1.1
OMMB	Old Mammoth Mt	80.87 324	IAMS_20	IAMS_20	23 45 59.9	
MDPB	Devils Postpil	80.92 324	IAMS_20	IAMS_20	23 46 02.3	
NV11	Mina Array Sit	81.07 325	IAMS_20	IAMS_20	23 45 46.2	
NVAR	Mina Array Bea	81.14 325	P	P	23 16 12.8	0.0
NVAR	Mina Array Bea	81.14 325	S	S	23 26 22.6	+0.8
NVAR	Mina Array Bea	81.14 325	LR	LR	23 45 57.7	
PMOZ	Porto Moniz, M	81.15 44	eP	P	23 16 17.3	+4.4
PMOZ	Porto Moniz, M	81.15 44	eSKS	SKS	23 26 35.4	+5.4
PMOZ	Porto Moniz, M	81.15 44	eLR	LR	23 43 16.1	
PMOZ	Porto Moniz, M	81.15 44	P	P	23 16 18.7	+5.8
FUL	Funchal	81.21 44	eP	P	23 16 18.1	+5.1
AGMN	Agassiz Nation	81.25 344	P	P	23 16 12.5	-0.4
AGMN	Agassiz Nation	81.25 344	IAMB	IAMB	23 16 25.4	
ABHD	Auburn Hatcher	81.32 332	IAMS_20	IAMS_20	23 48 49.9	
BOSA	Boshof	81.39 118	P	P	23 16 12.9	-1.6
BOSA	Boshof	81.39 118	S	S	23 26 22.8	-2.1
BOSA	Boshof	81.39 118	LR	LR	23 48 19.5	
BOSA	Boshof	81.39 118	IAMB	IAMB	23 16 34.9	
RYN	Ryan	81.40 325	IAMS_20	IAMS_20	23 45 22.8	
ELK	Elko	81.48 328	P	P	23 16 14.6	0.0
ELK	Elko	81.48 328	IAMS_20	IAMS_20	23 47 49.0	
SAO	San Andreas Ge	81.51 322	PcP	P	23 16 20.7	+0.2
SAO	San Andreas Ge	81.51 322	IAMS_20	IAMS_20	23 44 58.0	
KVN	Kaiser	81.52 325	IAMS_20	IAMS_20	23 46 14.0	
REDW	Red Top Meadow	81.72 332	IAMS_20	IAMS_20	23 48 48.3	
SNOW	Snow King Moun	81.76 332	IAMS_20	IAMS_20	23 49 02.5	
WAKR	Walker	81.77 324	IAMB	IAMB	23 16 30.2	
WAKR	Walker	81.77 324	IAMS_20	IAMS_20	23 46 51.7	
MDND	Maddock	81.80 341	P	P	23 16 15.3	-0.6
PMPS	Porto Santo	81.83 44	eP	P	23 16 22.5	+6.2
PMPS	Porto Santo, M	81.84 44	eP	P	23 16 22.3	+5.9
TPAW	Teton Pass	81.86 332	IAMS_20	IAMS_20	23 48 52.3	
CMB	Columbia Colle	81.90 323	P	P	23 16 19.1	+2.4
CMB	Columbia Colle	81.90 323	MLR	MLR		
CMB	Columbia Colle	81.90 323	IAMS_20	IAMS_20	23 16 19.1	+2.4
MOOW	Moose Ponds	81.99 332	P	P	23 49 10.7	
FXWY	Fox Creek	82.02 332	IAMS_20	IAMS_20	23 48 59.2	
YERR	Yerington	82.03 324	IAMS_20	IAMS_20	23 46 46.8	
BMN	Battle Mountai	82.16 327	IAMS_20	IAMS_20	23 47 11.1	
IMW	Indian Meadow	82.19 332	IAMS_20	IAMS_20	23 49 17.0	
FLWY	Flagg Ranch	82.25 333	IAMB	IAMB	23 16 32.0	
FLWY	Flagg Ranch	82.25 333	IAMS_20	IAMS_20	23 49 30.6	
HNTA	Hunter	82.30 324	IAMS_20	IAMS_20	23 47 01.7	
P17A	Pine Nut	82.30 324	IAMS_20	IAMS_20	23 47 01.7	
VCNR	Virginia City	82.48 333	IAMS_20	IAMS_20	23 47 08.5	
TOA0	Torodi Ar. Sit	82.53 70	IAMB	IAMB	23 16 27.4	
TORD	Torodi Ar. Bea	82.53 70	P	P	23 16 17.3	-3.2
TORD	Torodi Ar. Bea	82.53 70	S	S	23 34 45.2	-0.3
TORD	Torodi Ar. Bea	82.53 70	PcP	P	23 42 54.6	+4.1
TORD	Torodi Ar. Bea	82.53 70	LR	LR	23 51 32.6	
LKWY	Lake	82.54 333	IAMS_20	IAMS_20	23 53 09.1	
RUBR	Rubicon Trail	82.55 324	IAMS_20	IAMS_20	23 48 49.4	
RLMT	Red Lodge	82.57 334	P	P	23 16 19.0	-1.2
RLMT	Red Lodge	82.57 334	IAMB	IAMB	23 16 33.4	
RLMT	Red Lodge	82.57 334	IAMS_20	IAMS_20	23 50 44.0	
PAHR	Pah Rah Range	82.66 325	IAMB	IAMB	23 16 38.0	
PAHR	Pah Rah Range	82.66 325	IAMS_20	IAMS_20	23 47 20.3	
LAO	LASA Array	82.82 337	P	P	23 16 21.1	-0.2

AFDM	Forest Hills D	82.89 323	IAMB	IAMB	23 16 34.9	
YHB	Horse Butte	83.01 333	P	PcP	23 16 26.3	-0.9
ULM	Lac du Bonnet	83.07 345	I	P	23 16 22.0	-2.2
ULM	Lac du Bonnet	83.07 345	IAMS_20	IAMS_20	23 16 22.8	+0.4
ULM	Lac du Bonnet	83.07 345	IAMS_20	IAMS_20	23 57 53.3	
QLMT	Quartz Lake	83.17 333	P	P	23 16 26.6	+3.2
BEKR	Beckworth	83.27 324	IAMB	IAMB	23 16 40.9	
BEKR	Beckworth	83.27 324	IAMS_20	IAMS_20	23 47 51.4	
MCCM	Marconi Confer	83.30 322	pP	P	23 16 31.6	+1.2
LBTB	Lobate	83.44 115	IAMB	IAMB	23 16 44.3	
ORV	Orville	83.61 323	IAMS_20	IAMS_20	23 47 07.6	
CASY	Casey	83.70 181	P	P	23 16 25.6	-0.1
DGMT	Dagmar	83.72 339	P	P	23 16 25.7	-0.1
GDXM	Geysers	83.74 322	PcP	P	23 16 30.2	-0.2
MFID	Macfarlane	83.87 329	IAMB	IAMB	23 16 42.9	
BOZ	Bozeman (W)	83.88 333	P	P	23 16 26.3	-0.7
BOZ	Bozeman (W)	83.88 333	IAMS_20	IAMS_20	23 50 24.6	
BOZ	Bozeman (W)	83.88 333	IAMS_20	IAMS_20	23 50 24.6	
HOPS	Hopland Field	84.02 322	PcP	P	23 16 31.5	+0.1
DLMS	Dillon	84.07 332	IAMB	IAMB	23 16 41.2	
DLMT	Dillon	84.07 332	IAMS_20	IAMS_20	23 50 27.7	
O03E	Paynes Creek	84.32 324	P	P	23 16 28.2	-1.0
O02D	St. Diablo Mer	84.74 323	P	P	23 16 31.1	-0.3
MOD	Modoc Plateau	84.78 326	IAMB	IAMB	23 16 44.9	
MOD	Modoc Plateau	84.78 326	IAMS_20	IAMS_20	23 49 03.3	
SCHO	Schefferville	84.89 3	P	P	23 16 29.1	-2.5
SCHO	Schefferville	84.89 3	LR	LR	23 54 17.4	
SCHO	Schefferville	84.89 3	IAMB	IAMB	23 16 48.2	
SCHO	Schefferville	84.89 3	IAMS_20	IAMS_20	23 56 29.6	
MCQ	Macquarie Isla	85.02 207	IAMS_20	IAMS_20	23 45 28.4	
EAH	Eagle	85.13 49	P	P	23 16 39.2	+5.9
TTIG	Tinine Tigouga,	85.18 51	P	P	23 16 36.0	+2.2
TTIG	Tinine Tigouga,	85.18 51	P	P	23 16 40.0	+6.2
EGMT	Eagleton	85.20 335	P	P	23 16 32.9	-0.5
EGMT	Eagleton	85.20 335	IAMS_20	IAMS_20	00 00 01.6	
KMRM	Kail Ridge	85.25 323	P	P	23 16 37.3	+3.4
KMRM	Kail Ridge	85.25 323	IAMB	IAMB	23 16 47.9	
KMRM	Kail Ridge	85.25 323	IAMS_20	IAMS_20	23 46 53.6	
PLID	Pearl Lake	85.27 330	IAMB	IAMB	23 16 47.0	
PLID	Pearl Lake	85.27 330	IAMS_20	IAMS_20	23 51 08.4	
N02D	Trinity Center	85.28 324	P	P	23 16 33.1	-1.0
M04C	Macdoe	85.44 325	P	P	23 16 34.0	-0.9
BMO	Blue Mountains	85.65 329	IAMS_20	IAMS_20	23 51 15.5	
M02C	Callahan	85.67 324	P	P	23 16 35.9	0.0
MSO	Missoula	85.81 332	P	P	23 16 37.1	+0.6
MSO	Missoula	85.81 332	IAMB	IAMB	23 16 52.7	
MSO	Missoula	85.81 332	IAMS_20	IAMS_20	23 52 07.6	
YBH	Yreka Blue Hor	85.85 324	P	P	23 16 35.0	-1.8
YBH	Yreka Blue Hor	85.85 324	IAMS_20	IAMS_20	23 16 35.0	-1.8
YBH	Yreka Blue Hor	85.85 324	IAMS_20	IAMS_20	23 48 39.6	
JQC	McCue's Vall	85.86 321	IAMS_20	IAMS_20	23 44 41.7	
JCC	Jacoby Creek	85.85 323	IAMS_20	IAMS_20	23 48 16.9	
CRLZ	Canterbury Las	85.95 221	IAMS_20	IAMS_20	23 44 46.1	
OUK	Oukaimeden	85.98 50	P	P	23 16 44.0	+5.9
L04D	Lamath Falls	86.00 325	P	P	23 16 37.2	-0.4
K04D	Chiloquin, OR	86.03 325	P	P	23 16 37.5	-0.2
SNZ0	South Karori	86.13 224	IAMS_20	IAMS_20	23 47 32.5	
KHZ	Kahutara	86.14 222	IAMS_20	IAMS_20	23 44 51.6	
J05D	Fort Rock, OR	86.27 326	P	P	23 16 39.5	+0.5
F10A	Beach Ranch, E	86.50 330	IAMB	IAMB	23 16 52.7	
F10A	Beach Ranch, E	86.50 330	IAMS_20	IAMS_20	23 52 13.9	
PINE	Pine Mountain	86.51 327	IAMB	IAMB	23 16 53.8	
OUMZ	Ouz	86.53 51	P	P	23 16 41.4	+0.9
OUMZ	Ouz	86.53 51	P	P	23 16 46.0	+5.4
L02E	Cave Junction	86.61 324	P	P	23 16 41.3	+0.9
LTZ	Lake Taylor	86.64 221	IAMS_20	IAMS_20	23 47 41.0	
J04D	Umpqua Nationa	86.66 326	P	P	23 16 41.8	+0.8
JTMT	Jette	86.69 333	IAMB	IAMB	23 16 56.5	
JTMT	Jette	86.69 333	IAMS_20	IAMS_20	23 52 01.9	
RPZ	Rata Peaks	86.74 220	IAMS_20	IAMS_20	23 48 12.3	
THZ	Topouse	86.92 223	IAMS_20	IAMS_20	23 48 42.1	
NNZ	Nelson	86.98 223	pP	P	23 16 49.9	+0.8
NNZ	Nelson	86.98 223	IAMS_20	IAMS_20	23 45 29.8	
K02D	Williamette Mer	87.03				

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Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like EMAL, GOG, MELI, HORN, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TGL, ABTA, CRQM, DAWY, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KNK, GOPC, PVCC, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like OJC, Niedzica, Gura Zlata, and Malin Array B.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like MCGM, VSU, BRTR, and WAKE ISLAND.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like PSAO, AKH, NCK, GNI, SMY, ABTO, WHFO, PRGR, FITZ, GROK, BILL, MAK, SHAO, MMPI, ASUN, ASUD, ALNE, FAO, NAZ, ASHO, HATD, UOSS, MSFE, GENI, ARU, ARU, SEY, BATI, PET, SOEI, SOVI, SVE, SVE, SVE, PEAOB, PETK, PETK, GEYT, GEYT, WBSI, NRIK, NRIK, EDFI, MA2, JAGI, GMJI, UGMI, SIJI, CISI, CISI, KPIJ, GUMO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PAYA, NONG, JORH, JORHAT, BJFH, Beijing, etc.

Code Station Name Az Phase ID Time Res ISC
JAY Jayapura 0.76 279 Pg 23 24 25.1 -0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like JAY, CTA, WRA, FITZ, ASAR, etc.

JMA 31 23:33:58.9-0.1,30.26N x 140.69E, h69km, M4.1, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like CBIJ, JKO, BSO1, etc.

JMA 31 23:52:24.9, 23.67N, 121.48E, h7km, 1km, M4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like EGFH, EGFH, ESL, etc.

JMA 31 23:52:25.1-0.0, 23.71N, 121.39E, h10km, mb4.3/25, ML4.3/7, Ms4.3/7, Ms7.4/3/4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like EGFH, EGFH, ESL, etc.

JMA 31 23:52:25.5, 23.69N, 121.44E, h14km, ML4.8, C

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like EGFH, EGFH, ESL, etc.

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

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Table with columns: WSF, Szu, 1.15 268 eP, Pb, 23 52 47.0 -0.2, etc. Lists various stations and their coordinates.

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Table with columns: ZJZH, Jiuhuzhen, 3.60 283f eP, Pn, 23 53 20.7 -0.2, etc. Lists various stations and their coordinates.

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Table with columns: PET, Petropavlovsk, 6.45 18 PN, Pn, 23 57 05.1 -2.1, etc. Lists various stations and their coordinates.

IDC 31 23:55:30.6:0.8, 46:75N:155:60E, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.8/35, mbtmp3.8/12, ML2.7/2, Error ellipse: s-maj=23.4km s-min=20.1km az=138.0, ISCB.J 31 23:55:31.4:0.7, 46:90N:0:08:155:5E:0.1, h18km, mb3.8/12, Error ellipse: s-maj=16.2km s-min=7.7km az=34.1, MOS 31 23:55:35.4:3.0, 46:95N:155:27E, h55km, mb4.2/5, Error ellipse: s-maj=16.3km s-min=9.7km az=72.9, ISCB 31 23:55:33.0:0.9, 46:93N:0:09:155:4E:0.1, h18km, n28, e180/26, mb3.8/12, East of Kuril Islands

NDT			eS	Sg	23 58 45.1	-0.8
ENTT	baz=1.0 Nioudou	0.94	6 eP	Pb	23 58 34.8	+0.1
ENTT	baz=4.0		eS	Sg	23 58 46.6	-0.6
TWG	baz=4.0 Pinlang	0.94	202 eP	Pg	23 58 33.9	-0.9
TWGBT	baz=190 Beinan	0.94	202 eP	Pg	23 58 33.9	-0.9
NSY	baz=192 Sanyi	0.95	318 eP	Pn	23 58 35.9	+0.2
YHNB	baz=317 Yeheng	0.97	356 eP	Pb	23 58 35.6	+0.4
YHNB	baz=354		S	Sg	23 58 47.1	-1.0
TWC	baz=354 Suao	0.97	22 eP	Pb	23 58 35.1	-0.1
NSK	baz=10.0 Sanguang	0.98	355 eP	Pb	23 58 35.6	+0.3
WDJ	baz=6.0 Dajia District	0.99	311 eP	Pn	23 58 36.7	+0.7
TWK	baz=310 Hsinying	0.99	244 eP	Pb	23 58 35.6	+0.1
TWK	baz=244		eS	Sn	23 58 49.6	-0.3
CHN1	baz=244 Nanshi	0.99	239 eP	Pb	23 58 36.0	+0.4
CHN1	baz=250		eS	Sn	23 58 50.6	+0.5
NSTT	baz=250 Nanjuang	1.02	336 eP	Pg	23 58 35.2	-1.0
LIOB	baz=335 Emei	1.02	337 eP	Pb	23 58 36.1	0.0
SSD	baz=336 Sandimen	1.21	219 eP	Pg	23 58 40.0	0.0
TIPB	baz=214 Shuangxi	1.31	15 eP	Pn	23 58 40.6	+0.1
MASBT	baz=12 Mashibuluo	1.32	215 eP	Pn	23 58 40.7	+0.1
EAST	baz=213 Anshuo	1.43	203 eP	Pn	23 58 41.7	-0.4
YM10	baz=196 YM10	1.45	4 eP	Pb	23 58 43.4	-0.1
SCZT	baz=208 Fangliu	1.53	210 eP	Pn	23 58 44.1	+0.6
IRIF	baz=208 Iriomote-Funau	2.17	73 S	Sn	23 59 20.9	+1.8
JISG	Ishigakijimahi	2.75	71 P	Pn	23 59 00.1	-0.2
JISG			S	Sn	23 59 34.1	+0.7

ISC Computed Locations for October 2013

