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

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Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP 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 PKP Pbc 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 0h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MYKA Terra Mystica, MOA Mollin, WET Wetzell, etc.

ISC/JB 01 00:17:12.0-0.9, 12.75N-123.01E-0.03, h1km, mb3.6, MS3.2/3, Error ellipse: s-maj=6.4km s-min=4.1km az=138.1

IDC 01 00:17:11.5-1.0, 12.47N-122.81E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.6/45, mbtmp3.6/6, MS3.3/4, MS1 3.3/4, ms1mx2.9/41, Error ellipse: s-maj=47.0km s-min=21.2km az=63.0

MAN 01 00:17:12.12, 12.75N-123.03E, h11km, mb4.8, ML3.7, MS3.7, ISC 01 00:17:12.5-1.2, 12.76N-123.05E, h0.4, h1km, 10km, az=7, -1524/30, MS3.6/6, MS3.4/3, 3C-3D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like AUQP San Andres, MMPH Masbate, OTRP Otiangon, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like JUNU Nakatsue, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

ROM 01 00:18:50.3-0.5, 47.37N-11.67E, h17km, 3km, Md2.3/5, M12.1/4, Error ellipse: s-maj=6.5km s-min=6.5km az=93.0, CSEM 01 00:18:50.7-0.1, 47.34N-11.68E, h10km, ML2.6/11, Error ellipse: s-maj=2.1km s-min=1.7km az=133.0, BGR 01 00:18:52.0-0.3, 47.34N-11.68E, h10km, ML1.9/6, Error ellipse: s-maj=4.4km s-min=3.3km az=158.0, VIE 01 00:18:51.2-0.2, 47.30N-11.60E, h11km, 2km, mb1.2/3, ml2.3/11, Error ellipse: s-maj=1.6km s-min=1.4km az=165.0, PRU 01 00:18:53.3, 47.38N-11.73E, h0km, Schwaz, ISC 01 00:18:51.1-0.8, 47.36N-11.65E, 0.02, h9km, 5km, n40, c09627/1, 3C-7D, Austria

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WTAA Wattenberg, MOTA Moosalm, FUR Furstentfeldbru, etc.

n116, c1510/206, 15C-3D, Austria

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WATA Walderalm, WATA Walderalm, WTAA Wattenberg, etc.

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
CDF	CDF							
CDF	3.9nm,0.3s							
CDF	Champ du Feu	3.14 291	ePn	Pn	00 20 29.8 +1.2			
CDF			eSg	Sg	00 21 21.7 +1.1			
ECH	2.0nm,0.3s							
ECH	Echery	3.17 287	Pn	Pn	00 20 30.4 +1.5			
ECH			Pg	Pg	00 20 39.3 -1.0			
ECH			Sg	Sg	00 21 20.4 +1.5			
ECH	Echery	3.17 287	Pn	Pn	00 20 30.4 +1.5			
ECH			Pg	Pg	00 20 39.3 -1.0			
ECH			Sg	Sg	00 21 20.3 -1.0			
PRU	Pruhonice	3.25 35	eSg	Sg	00 21 21.9 -2.0			
PRU	comp=Z,3.4nm,0.4s							
PRU	Pruhonice	3.25 35	Sg	Sg	00 21 21.9 -2.0			
PRU	3.4nm,0.4s							
GOPC	GOPC	3.29 38	ex	Pg	00 20 47.9 +5.3			
GOPC	GOPC	3.29 38	eSg	Sn	00 21 10.7 +1.4			
GOPC	comp=Z,7.0nm,0.3s							
GOPC	GOPC	3.29 38	Sg	Sn	00 21 10.7 +1.4			
GOPC			Sg	Sg	00 21 23.5 -1.7			
MOX	7.0nm,0.3s							
MOX	Moxa	3.29 359	eSg	Sg	00 21 09.0 -0.4			
MOX			Sg	Sg	00 21 25.1 -0.2			
MOX	Moxa	3.29 359	Sg	Sg	00 21 09.0 -0.4			
MOX			Sg	Sg	00 21 25.1 -0.2			
HINF	Hinterfeld	3.30 280	ePn	Pn	00 20 32.0 +1.3			
HINF			eSg	Sn	00 21 10.2 +0.6			
HINF			eSg	Sg	00 21 25.7 +0.1			
HINF	Hinterfeld	3.30 280	ePn	Pn	00 20 32.0 +1.3			
HINF			eSg	Sg	00 21 10.2 +0.6			
HINF			eSg	Sg	00 21 25.7 +0.1			
LOMF	Lomont	3.30 272	Pn	Pn	00 20 33.0 +2.3			
LOMF			Sg	Sg	00 21 25.3 -0.3			
LOMF	Lomont	3.30 272	Pn	Pn	00 20 33.0 +2.3			
LOMF			Sg	Sg	00 21 25.3 -0.3			
HAU	Haudompre	3.66 282	ePn	Pn	00 20 37.0 +1.4			
HAU			eSg	Sg	00 21 37.0 -0.1			
HAU	Haudompre	3.66 282	ePn	Pn	00 20 37.0 +1.4			
HAU			eSg	Sg	00 21 37.0 -0.1			
PVCC	Panska Ves	3.70 30	eSg	Sg	00 21 38.5 0.0			
PVCC	comp=Z,10.0nm,0.3s							
PVCC	Panska Ves	3.70 30	Sg	Sg	00 21 38.5 0.0			
BRG	Bergliesshovel	3.82 22	PG	Sg	00 21 21.9 -0.5			
BRG			SG	Sg	00 21 40.2 -2.1			
LPG	La Plagne	3.88 243	ePn	Pn	00 20 39.1 +0.1			
LPG			eSg	Sg	00 21 22.5 -1.8			
LPG	La Plagne	3.88 243	ePn	Pn	00 20 39.1 +0.1			
LPG			eSg	Sg	00 21 22.5 -1.8			
LPL	La Plagne	3.88 243	ePn	Pn	00 20 39.0 +0.1			
LPL			eSg	Sg	00 21 22.5 -1.8			
LPL	La Plagne	3.88 243	ePn	Pn	00 20 39.0 +0.1			
LPL			eSg	Sg	00 21 22.5 -1.8			
CABF	La Chapelle	3.90 261	ePn	Pn	00 20 39.6 +0.6			
CABF			eSg	Sg	00 21 43.5 -1.3			
CABF	La Chapelle	3.90 261	ePn	Pn	00 20 39.6 +0.6			
CABF			eSg	Sg	00 21 43.5 -1.3			
CLL	Collin	4.05 12	ePn	Pg	00 20 58.0 +0.8			
CLL			eSg	Sg	00 21 50.0 +0.4			
PAGF	Fort de Pagny	4.17 289	ePn	Pn	00 20 44.3 +1.6			
PAGF	baz=116		eSg	Sg	00 21 53.6 -0.1			
PAGF	Fort de Pagny	4.17 289	ePn	Pn	00 20 44.3 +1.6			
PAGF			eSg	Sg	00 21 53.6 -0.1			
UPC	Upice	4.25 41	eSg	Sg	00 21 51.7 -4.5			
DPC	Dobruska-Polom	4.29 44	eSg	Sg	00 21 55.1 -2.1			
DPC	comp=Z,3.5nm,0.5s							
DPC	Dobruska-Polom	4.29 44	Sg	Sg	00 21 55.1 -2.1			
MBDF	Montbardon	4.31 234	ePn	Pn	00 20 44.8 0.0			
MBDF			eSg	Sg	00 21 32.0 -2.8			
MBDF	Montbardon	4.31 234	ePn	Pn	00 20 44.8 0.0			
MBDF			eSg	Sg	00 21 32.0 -2.8			
MORC	Moravsky Berou	4.58 56	eSg	Sn	00 21 39.8 -1.5			
ORIF	Oris-en-Rattie	4.71 241	ePn	Pn	00 20 50.1 -0.1			
ORIF			eSg	Sg	00 21 41.8 -2.7			
ORIF	Oris-en-Rattie	4.71 241	ePn	Pn	00 20 50.1 -0.1			
ORIF			eSg	Sg	00 21 41.8 -2.7			
SMF	Signal de Mont	5.41 265	ePn	Pn	00 21 00.3 +0.6			
SMF			eSg	Sg	00 21 59.6 -2.0			
SMF	Signal de Mont	5.41 265	ePn	Pn	00 21 00.3 +0.6			
SMF			eSg	Sg	00 21 59.6 -2.0			
VIVF	Saint-Julien-I	5.47 245	ePn	Pn	00 21 01.1 +0.5			
VIVF			eSg	Sg	00 22 00.3 -3.0			
VIVF	Saint-Julien-I	5.47 245	ePn	Pn	00 21 01.1 +0.5			
VIVF			eSg	Sg	00 22 00.3 -3.0			
AVF	Avril sur Loir	5.71 267	ePn	Pn	00 21 04.8 +0.9			
AVF			eSg	Sg	00 22 40.4 -2.6			
AVF	Avril sur Loir	5.71 267	ePn	Pn	00 21 04.8 +0.9			
AVF			eSg	Sg	00 22 40.4 -2.6			
BGF	Bois d'Angland	6.10 266	ePn	Pn	00 21 09.7 +0.6			
BGF			eSg	Sg	00 22 16.4 -2.2			
BGF	Bois d'Angland	6.10 266	ePn	Pn	00 21 09.7 +0.6			
BGF			eSg	Sg	00 22 16.4 -2.2			
LHMI	Lhomme	6.15 272	ePn	Pn	00 21 10.6 +0.8			
LHMI			eSg	Sg	00 22 17.7 -2.1			
LHMI	Lhomme	6.15 272	ePn	Pn	00 21 10.6 +0.8			
LHMI			eSg	Sg	00 22 17.7 -2.1			

IDC 01 00:22:29.1±1.9,3:19S:148:09E,h0km,mb3.9/7,
 mb1 4.2/7,mb1mx3.9/30,mbtmp3.9/7,MS3.8/1,Ms1 3.8/1,
 ms1mx2.9/33,Error ellipse: s-maj=60.1km s-min=23.4km
 az=110.0
 ISC/JB 01 00:22:29.1±1.5,3:2S:0:2:148:0E:0:3,h22km,mb3.8/7,
 Error ellipse: s-maj=47.1km s-min=17.8km az=20.1
 ISC 01 00:22:30.1±1.7,3:2S:0:2:148:1E:0:4,h22km,n15,
 c=677/8,mb3.9/7,Bismarck Sea

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
SLJI	Sorong	16.98 278	LR	LR	00 33 40.0			
WRA	Warramunga Arr	21.35 218	P	P	00 27 16.7 +0.1			
ASAR	Alice Springs	24.52 213	P	P	00 27 49.4 +0.8			
FITZ	Fitzroy Cross	26.51 234	P	P	00 28 05.5 -1.1			
H1S3	WAKE ISLAND HY	28.30 40	T	T	00 58 00.2			
H1S2	WAKE ISLAND HY	28.31 40	T	T	00 58 00.8			
H1S1	WAKE ISLAND HY	28.32 40	T	T	00 58 02.3			
H1N1	WAKE ISLAND HY	29.34 38	T	T	00 59 17.8			
H1N3	WAKE ISLAND HY	29.35 38	T	T	00 59 18.6			
H1N2	WAKE ISLAND HY	29.35 38	T	T	00 59 18.7			
CMAR	Chiang I Arr	52.97 296	P	P	00 31 46.3 +0.5			
CMAR	Makanchi Array	76.08 320	P	P	00 34 15.8 -0.6			
ZALV	Zalesovo Beam	77.27 327	P	P	00 34 23.6 +0.6			
ILAR	Eielson Array	82.51 23	P	P	00 34 51.0 -0.2			
TORD	Torodi Arr	145.36 289	PKPbc	PKPbc	00 42 07.3 -0.3			

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
WRA	Warramunga Arr	20.80 221	Op	ISC	00 28 03.8 -0.1			
ASAR	Alice Springs	23.83 216	P	P	00 28 37.3 +1.4			
STKA	Stephens Creek	28.04 193	P	P	00 29 12.7 -1.2			
KAPI	Kappang	28.91 268	LR	LR	00 44 06.2			
JOW	Kunigami	36.92 329	LR	LR	00 45 02.0			
GEYT	Alibek	93.29 308	LR	LR	01 20 08.6			
ELK	Elko	97.47 50	LR	LR	01 13 51.7			

BUJ 01 00:50:16.0,2:22N:98:89E,h164km,mb5.3/72,mb5.1/52
 ISC/B 01 00:50:20.7±0.2,2:69N:0:02:99:00E:0:01,h164km,1km,
 mb5.2/226,Error ellipse: s-maj=8.2km s-min=2.0km
 az=43.2
 AUST 01 00:50:21.7±0.3,2:67N:99:00E,h163km,3km,Error
 ellipse: s-maj=6.6km s-min=4.3km az=54.0
 GCMT 01 00:50:21.7±0.1,2:70N:98:86E,h164km,1km,MW5.6/110,
 Moment Tensor Solution. s99,c170; s110,c207;
 Duration: 1±5 Moment tensor: Scale 10¹⁷Nm;
 M₁₁-0.09±0.04; M₂₂-0.23±0.04; M₃₃0.32±0.05; M₁₂1.16±0.13;
 M₁₃0.09±0.04; M₂₃-2.40±0.08. Best double couple:
 M₂2.68300±0.107; NP1±338.00000°; 889.00000°;
 λ-96.00000°; NP2±232.00000°; 86.00000°; λ-12.00000°;
 Principal axes: T 2.7100,Plg43.0000°,Az70.0000°; N
 -0.0560,Plg6.0000°,Az334.0000°; P -2.6550,
 Plg46.0000°,Az238.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 MOS 01 00:50:21.0±1.1,2:77N:99:06E,h165km,mb5.3/70,
 MS4.3/10 Error ellipse: s-maj=7.0km s-min=4.0km
 az=117.6
 IDC 01 00:50:21.6±0.2,2:72N:99:03E,h160km,2km,mb4.8/42,
 mb1 4.9/43,mb1mx4.9/45,mbtmp3.4/33,MS4.0/21,
 Ms1 4.0/21,ms1mx3.0/30,Error ellipse: s-maj=7.4km
 s-min=5.7km az=50.0
 NEIC 01 00:50:21.7±0.1,2:69N:99:04E,mb5.4/108,MW5.5,Error
 ellipse: s-maj=3.9km s-min=2.8km az=223.0, Moment
 Tensor Solution. s99 Moment tensor: Scale 10¹⁷Nm;
 M₁₁-0.13; M₂₂-0.39; M₃₃0.52; M₁₂1.00; M₁₃0.65; M₂₃-2.27;
 Best double couple: M₂2.60000±0.1017; NP1±338.00000°;
 889.00000°; λ-108.00000°; NP2±246.00000°;
 δ18.00000°; λ-2.00000°. Principal axes: T 2.5000,
 Plg42.0000°,Az85.0000°; N 0.2000,Plg18.0000°;
 Az339.0000°; P -2.7000,Plg43.0000°,Az231.0000°;
 Az339.0000°; P -2.7000,Plg43.0000°,Az231.0000°;
 NEIC Felt [III] at Sibolga and at Gunungstolit, Nias. Felt at
 Sibolga Jaya, Malaysia.
 KLM 01 00:50:22.6±0.2,2:76N:98:95E,h145km,mb5.5,ML5.1,MS6.5
 DJA 01 00:50:27.0±2.50N:97:50E,h157km,2km,mb5.5/41,
 mb5.5/41,mb5.7/37,MLV5.5/20,Mw(mB)5.2/37,Mwp5.9/2
 BGR 01 00:50:27.0±2.50N:97:50E,h157km,2km,mb5.5
 ISC 01 00:50:21.7±0.2,2:71N:0:02:98:98E:0:03,h163km,1km,
 h163km,pP-N,1139,c137/1423,mb5.3/250,91C-41D,
 Northern Sumatra

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
PSI	Prapat	0.10 328	P	Pn	00 50 43.4 -0.3			
PSI	329nm,0.3s,baz=304,slow=12,SNR=1487							

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BVAR Borovoye Array, BRVK Borovoye, and various other radio stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YAK Yakutsk, YAK Yakutsk, and various other radio stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VSR Petropavlovsk, BR10 Keskin Array S, and various other radio stations.

GRF	comp=Z,35nm,1.2s,baz=91,slow=4.9	GRafenberg Arr	86.49 319	eP	P	01 02 47.5 +1.3
GRF	comp=Z,49nm,1.3s,baz=91,slow=4.9	GRF	86.49 319	eP	P	01 03 26.7 -0.4
GRF	comp=Z,49nm,1.3s,baz=91,slow=4.9	GRF	86.49 319	eP	P	01 03 43.6 -0.6
NB2	comp=Z,34nm,1.2s,baz=95,slow=5.6	NORSAR Subarra	86.56 331	P	P	01 02 46.2 -0.1
NB200	comp=Z,34nm,1.2s,baz=95,slow=5.6	NORSAR Array S	86.56 331	eP	P	01 02 46.2 -0.1
NB200	comp=Z,34nm,1.2s,baz=95,slow=5.6	NORSAR Array S	86.56 331	eP	P	01 02 46.2 -0.1
NOA	comp=Z,8.9nm,0.9s,baz=95,slow=5.3,SNR=5.9	NORSAR Array B	86.56 331	P	P	01 03 26.6 -0.5
NOA	comp=Z,2.77nm,19.4s,baz=100,slow=4.0	NORSAR Array B	86.56 331	P	LR	01 04 27.1
NOA	comp=Z,8.9nm,0.9s,baz=95,slow=5.3,SNR=5.9	NORSAR Array B	86.56 331	P	P	01 02 46.2 -0.1
NOA	comp=Z,8.9nm,0.9s,baz=95,slow=5.3,SNR=5.9	NORSAR Array B	86.56 331	P	P	01 03 26.7 -0.5
NOA	comp=Z,9.0nm,0.9s	NORSAR Array B	86.56 331	P	P	01 02 47.7 +0.9
MOTA	comp=Z,19nm,1.1s,SNR=10	Moosalm	86.58 317	iP	P	01 02 47.7 +0.9
NB002	comp=Z,19nm,1.1s,SNR=10	NORSAR Array S	86.73 331	P	P	01 02 47.8 +0.7
NB002	comp=Z,19nm,1.1s,SNR=10	NORSAR Array S	86.73 331	P	P	01 03 28.1 +0.1
KBS	comp=Z,43nm,1.4s	Kingsbay	86.78 349	eP	IAMB	01 02 46.2 -0.7
KBS	comp=Z,43nm,1.4s	Kingsbay	86.78 349	eP	IAMB	01 02 48.8
KBS	comp=Z,43nm,1.4s	Kingsbay	86.78 349	eP	IAMB	01 02 44.8 -2.2
KBS	comp=Z,43nm,1.4s	Kingsbay	86.78 349	eP	IAMB	01 02 44.8 -2.2
OSL	comp=Z,382nm,2.5s	Kingsbay	86.78 349	eP	P	01 02 44.8 -2.2
RETA	comp=Z,382nm,2.5s	Kingsbay	86.78 349	eP	P	01 02 48.9 +1.5
RETA	comp=Z,382nm,2.5s	Kingsbay	86.78 349	eP	P	01 02 48.1 +0.3
FETA	comp=Z,14nm,1.0s	Feichten	86.84 317	iP	PcP	01 02 49.4 -0.8
VNDA	comp=Z,2.5nm,0.8s,baz=277,slow=3.2,SNR=2.9	Vanda	86.85 169	P	P	01 02 48.3 +0.5
VNDA	comp=Z,2.5nm,0.8s,baz=277,slow=3.2,SNR=2.9	Vanda	86.85 169	P	P	01 03 28.5 -0.2
VNDA	comp=Z,2.5nm,0.8s,baz=277,slow=3.2,SNR=2.9	Vanda	86.85 169	P	P	01 37 25.2
CLZ	comp=Z,68nm,18.7s,baz=312,slow=3.2,SNR=2.9	Clautal	87.02 322	eP	P	01 02 49.9 +1.2
CLZ	comp=Z,68nm,18.7s,baz=312,slow=3.2,SNR=2.9	Clautal	87.02 322	eP	P	01 02 49.9 +1.2
BSEG	comp=Z,7.0nm,1.2s,baz=91,slow=4.9	Bad Segeberg	87.03 324	eP	P	01 02 50.1 +1.4
BSEG	comp=Z,7.0nm,1.2s,baz=91,slow=4.9	Bad Segeberg	87.03 324	eP	P	01 02 50.1 +1.4
FUORN	comp=Z,7.0nm,1.2s,baz=91,slow=4.9	Ofenpass-Fuorn	87.16 316	eP	P	01 02 51.0 +1.2
FUORN	comp=Z,7.0nm,1.2s,baz=91,slow=4.9	Ofenpass-Fuorn	87.16 316	eP	P	01 02 51.0 +1.2
NRDL	comp=Z,104nm,1.3s,baz=91,slow=4.9	Niederach Rie	87.18 322	eP	P	01 02 51.0 +1.7
NRDL	comp=Z,104nm,1.3s,baz=91,slow=4.9	Niederach Rie	87.18 322	eP	P	01 02 51.0 +1.7
NRDL	comp=Z,104nm,1.3s,baz=91,slow=4.9	Niederach Rie	87.18 322	eP	P	01 02 51.0 +1.7
NRDL	comp=Z,104nm,1.3s,baz=91,slow=4.9	Niederach Rie	87.18 322	eP	P	01 02 51.0 +1.7
GTG	comp=Z,52nm,1.2s,baz=91,slow=4.9	Gvtingen	87.28 321	eP	P	01 02 51.0 +1.1
KONO	comp=Z,30nm,1.1s	Kongsberg	87.36 329	eP	P	01 02 51.3 +1.2
DAVA	comp=Z,30nm,1.1s	Damuels	87.41 317	iP	PcP	01 02 52.1 +1.2
DOMB	comp=Z,30nm,1.1s	Dombras	87.58 332	eP	P	01 02 52.1 +1.0
DOMB	comp=Z,30nm,1.1s	Dombras	87.58 332	eP	P	01 03 32.6 +0.1
TUE	comp=Z,26nm,1.3s	Stuetta	87.80 316	eP	P	01 02 53.9 +1.1
STU	comp=Z,26nm,1.3s	Stuttgart	87.84 319	eP	P	01 02 53.6 +1.0
STU	comp=Z,26nm,1.3s	Stuttgart	87.84 319	eP	P	01 02 53.6 +1.0
KEST	comp=Z,31nm,0.9s,baz=322,slow=1.2,SNR=21	Kesra	88.13 306	P	P	01 02 56.1 +1.7
KEST	comp=Z,31nm,0.9s,baz=322,slow=1.2,SNR=21	Kesra	88.13 306	P	P	01 02 56.1 +1.7
KEST	comp=Z,31nm,0.9s,baz=322,slow=1.2,SNR=21	Kesra	88.13 306	P	P	01 03 36.1 +0.6
TNS	comp=Z,46nm,0.9s,baz=356,slow=1.0,SNR=9.9	Tanus Mits	88.20 320	eP	P	01 02 56.0 +1.2
BFO	comp=Z,52nm,1.2s,baz=91,slow=4.9	Black Forest	88.42 318	eP	P	01 02 57.2 +1.7
BFO	comp=Z,52nm,1.2s,baz=91,slow=4.9	Black Forest	88.42 318	eP	P	01 02 56.3 +0.8
BFO	comp=Z,52nm,1.2s,baz=91,slow=4.9	Black Forest	88.42 318	eP	P	01 02 56.7 +1.3
BFO	comp=Z,52nm,1.2s,baz=91,slow=4.9	Black Forest	88.42 318	eP	P	01 02 56.7 +1.3
AKN	comp=Z,20nm,1.1s	Aaknes	88.55 332	eP	P	01 02 58.9 +3.1
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 57.7 +1.5
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 02 59.1 +1.2
IBBN	comp=Z,20nm,1.1s	Ibberbuen	88.62 322	eP	P	01 03 54.6 +0.2
IBBN						

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

HLW 01 05:08:45.7, 31.96N, 35.38E, h12km, 22km, MD3.5
CSEM 01 05:08:49.0, 2.0, 31.49N, 35.40E, h5km, MD3.5, Mw2.7, Error ellipse: s-maj=12.3km s-min=2.7km az=97.0

ISFCBJ 01 05:08:50.2, 0.3, 31.52N, 0.02, 35.30E, 0.07, h8km, 3km, Error ellipse: s-maj=10.5km s-min=2.5km az=7.6

GII 01 05:08:50.0, 0.0, 31.52N, 35.41E, h7km, MD3.5, Mw2.7/8

GRAL 01 05:08:51.4, 0.9, 31.51N, 35.38E, h0km, 4km, MD3.7

ISC 01 05:08:50.6, 0.8, 31.52N, 0.02, 35.37E, 0.07, h10km, 6km, n46, 0.057770, Dead Sea region

Main table listing station names, azimuths, phases, IDs, times, and residuals for various stations like DSI, MZDA, REV, etc.

ISK 01 05:25:40.7, 37.36N, 36.44E, h4km, MD2.7

DDA 01 05:25:41.5, 37.37N, 36.41E, h7km, MD2.6

CSEM 01 05:25:42.1, 0.6, 37.39N, 36.35E, h5km, MD2.6, Error ellipse: s-maj=13.2km s-min=1.0km az=53.0

ISC 01 05:25:41.5, 1.2, 37.36N, 0.03, 36.39E, 0.03, h4km, 11km, n21, 0.08373, Turkey

Table listing station names, azimuths, phases, IDs, times, and residuals for stations like ANDN, KAMA, AYKD, etc.

Table listing station names, azimuths, phases, IDs, times, and residuals for stations like PINB, SURC, SURC, etc.

CSEM 01 05:33:30.9, 38.25N, 26.60W, h0km, ML3.1, After PDA

PDA 01 05:33:30.9, 0.9, 38.25N, 26.60W, h0km, 4km, MD3.6, ML3.1, C, Error ellipse: s-maj=6.5km s-min=1.2km

Table listing station names, azimuths, phases, IDs, times, and residuals for stations like Code, Station Name, Azimuth, Phase, ID, Time, Res.

PDA 01 05:33:30.9, 0.9, 38.25N, 26.60W, h0km, 4km, MD3.6, ML3.1, C, Error ellipse: s-maj=6.5km s-min=1.2km

ISC 01 05:33:30.9, 0.9, 38.25N, 26.60W, h0km, 4km, MD3.6, ML3.1, C, Error ellipse: s-maj=6.5km s-min=1.2km

Main table listing station names, azimuths, phases, IDs, times, and residuals for stations like PDA, CMLA, CMLA, etc.

ISC 01 05:56:46.4, 0.4, 2.7, 57N, 0.04, 140.29E, 0.07, h479km, mb3.8/18, Error ellipse: s-maj=8.0km s-min=5.6km az=6.4

JMT 01 05:56:46.4, 0.2, 2.7, 60N, 140.24E, h470km, 4km, M3.9

IDD 01 05:56:47.8, 1.3, 2.7, 51N, 140.01E, h467km, 13km, mb3.5/17, mb1.3, 6/21, mb1mx3.5/40, mbtmp4.3/21, Error ellipse: s-maj=14.1km s-min=9.5km az=85.0

ISC 01 05:56:48.1, 0.5, 2.7, 58N, 0.06, 140.22E, 0.09, h479km, n50, 0.1561/63, mb3.9/18, Bonin Islands region

Main table listing station names, azimuths, phases, IDs, times, and residuals for stations like Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table listing station names, azimuths, phases, IDs, times, and residuals for stations like ASAR, KDKA, BVAR, etc.

ISC 01 06:02:44.6, 1.3, 51.54N, 0.05, 167.09E, 0.05, h0km, n20, 0.046/30, Poland

ISC 01 06:02:44.6, 1.3, 51.54N, 0.05, 167.09E, 0.05, h0km, n20, 0.046/30, Poland

CSEM 01 06:02:44.6, 1.3, 51.54N, 0.05, 167.09E, 0.05, h0km, n20, 0.046/30, Poland

PRU 01 06:02:46.2, 51.56N, 167.13E, h0km, n20, 0.046/30, Poland

ISC 01 06:02:45.3, 1.8, 51.58N, 0.08, 167.14E, 0.05, h0km, n20, 0.046/30, Poland

Main table listing station names, azimuths, phases, IDs, times, and residuals for stations like Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ABKAR Akbulak array, ARU Arti, MAW Mawson, VANDA Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like DZET Dzerino, SFK Sufi-Kurgan, MNAS Manas, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KSRS, KSAR Wonju Array, CMAR Chiang Mai Arr, etc.

NNC 01 07:48:12.3±0.5, 49:99N:78:65E, h0km, mb3.7, mpv3.4, 21C-11D, Error ellipse: s-maj=7.8km s-min=2.5km az=88.0, Eastern Kazakhstan

CASC 01 07:32:54.5±2.9, 10:13N:84:13W, h87km±11km, MD3.5, 3C-2D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CGA2 Cerro Gallo 2, BUS Buena Vista, QCR Quepos, etc.

DDA 01 07:40:43.4, 39:07N:37:33E, h7km, Md2.9
ISK 01 07:40:43.3, 39:06N:37:35E, h5km, MD2.8
ISCJB 01 07:40:44.3, 0.6, 39:05N:0:04:37:33E±0.05, h0km, Error ellipse: s-maj=6.7km s-min=4.4km az=41.5

CSEM 01 07:40:44.3, 0.4, 39:01N:37:33E, h1km, MD2.8, Error ellipse: s-maj=11.2km s-min=7.8km az=150.0, Mining explosion.

ISC 01 07:40:43.9, 0.9, 39:06N:0:04:37:30E±0.04, h0km, n13, c044/21, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CUKAN kangal SIVAS, CUGUR Gurin, CUALT Altinyayla-SIV, etc.

KUR07 Kurchatov Arra, 0.60 352 Op P, 07 28 23.9 ±0.2

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KUR06 Kurchatov Arra, KUR05 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

DDA 01 07:56:22.3, 39:46N:32:32E, h7km, Md2.8
ISCJB 01 07:56:24.6, 0.7, 39:27N:0:04:33:08E±0.04, h6km±7km, Error ellipse: s-maj=6.4km s-min=5.5km az=32.9

CSEM 01 07:56:24.4, 0.2, 39:28N:33:07E, h10km, MD2.4, Error ellipse: s-maj=4.9km s-min=4.4km az=53.0

ISC 01 07:56:24.8, 39:30N:33:13E, h7km, MD2.4

ISC 01 07:56:24.1, 1.0, 39:27N:0:03:33:05E±0.03, h12km±8km, n20, c055/32, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like AFSR Afar-Bala (A), AFAR Afar-Bala (A), BBAL Bala, etc.

IDC 01 07:23:00.4±0.6, 62:79S:152:07E, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.8/24, mbtmp3.8/3, ML3.4/1, MS2.6/1, Ms1 2.6/1, ms1mx2.5/22, Error ellipse: s-maj=248.6km s-min=36.1km az=79.0, Baileny Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like VANDA Vanda, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

IDC 01 07:21:23.0±0.6, 9:40S:158:99E, h0km, mb4.3/12, mb1 4.4/14, mb1mx4.3/32, mbtmp4.3/14, ML3.9/2, MS3.3/9, Ms1 3.3/9, ms1mx3.1/28, Error ellipse: s-maj=19.5km s-min=13.4km az=175.0

NEIC 01 07:21:25.4, 0.4, 9:39S:158:94E, h10km, mb4.3/1, Error ellipse: s-maj=10.3km s-min=8.7km az=152.0

ISCJB 01 07:21:26.2, 0.4, 9:43S:0:07:158:94E±0.05, h27km, mb4.3/13, MS3.2/7, Error ellipse: s-maj=10.5km s-min=6.9km az=169.1

AUST 01 07:41:58.1, 10:53S:157:95E, h200km

ISC 01 07:41:58.0±0.6, 9:41S:0:10:159:02E±0.07, h27km, n33, c153/30, mb4.3/13, MS3.2/7, Bougainville-Solomon Islands region

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

IDC 01 07:57:07.0±1.5, 25:59N:109:83W, h0km, mb3.2/1, mb1 3.7/6, mb1mx3.5/37, mbtmp3.3/6, ML3.4/5, MS3.3/11, Ms1 3.3/11, ms1mx3.3/14, Error ellipse: s-maj=26.8km s-min=17.9km az=120.0

ISCJB 01 07:57:07.0±0.5, 25:55N:0:03:109:76W±0.06, h10km, mb3.2/1, MS3.3/3, Error ellipse: s-maj=8.6km s-min=4.5km az=172.0

MEX 01 07:57:09.7±0.3, 25:79N:110:03W, h15km, 35km, MD4.3

NEIC 01 07:57:09.2±0.8, 25:54N:109:86W, h10km, mb4.0/3, MD4.3(MEX), Error ellipse: s-maj=13.7km s-min=9.3km az=91.0

ISC 01 07:57:09.3±0.9, 25:46N:0:07:109:76W±0.08, h10km, n34, c145/29, MS3.3/3, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like LPIG La Paz, LPIG La Paz, LPIG La Paz, etc.

NNC 01 07:27:48.1±1.7, 36:31N:69:49E, h169km±14km, mb2.6, mpv3.5, 8C-2D, Error ellipse: s-maj=18.1km s-min=9.9km az=166.0, Hindu Kush region

ISCJB 01 08:59:48.0, 6.0, 3.66:84N, 0.03:135.35W, 0.06, h10km, Error ellipse: s-maj=4.8km s-min=3.0km az=156.9 PGC 01 08:59:52.6, 6.0, 6.07:01N:135.58W, h20km, ML4, 1/4, 69km Wsw of Fort McPherson, Nl Northwest Territories, Canada NEIC 01 08:59:52.6, 6.07:01N:135.58W, h20km, 1.1, OTT.

ISC 01 08:59:48.6, 6.0, 6.66:96N, 0.02:135.51W, 0.03, h10km, n84, c254/14, Northern Yukon Territory

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like INK Inuvik, EGAK Eagle, DAWY Dawson, etc.

MKAR Makanchi Array 82.57 319 P Pn 09 24 05.3 +1.0 0.5nm, 0.6s, baz=104, slow=5.6, SNR=2.7 NVAR Mina Array Bea 91.53 52 P Pn 09 24 47.8 -0.5 0.3nm, 0.7s, baz=262, slow=6.9, SNR=2.8 TORD Torodi Arr. Bea 152.45 279 PKPbc PKPbc 09 31 38.2 +0.1 0.2nm, 0.5s, baz=103, slow=2.3, SNR=2.1

WEL 01 09:18:07.5, 0.4, 38:17S:175.93E, h161km, 3M, ML3.5/15, 10C-2D, Error ellipse: s-maj=2.9km s-min=2.8km az=90.0, North Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like URZ Urewera, BKZ Black Bluff Fm, TUZV Tukino, etc.

NNC 01 09:24:32.1 ± 8.1, 35:34N:70:07E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=74.7km s-min=56.2km az=49.0

ISC 01 09:24:25.7 ± 1.6, 34:74N:109:70E, h2.0, h35km, n8, c274/14, 3C-1D, Southeastern Afghanistan

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like DZER Dzerino, SMLA Simla, MNAS Manas, etc.

PGC 01 09:45:37.5 ± 1.3, 60:07N:141:17W, h1km, ML3.1/11, 128km Wnw of Yakutat, Ak Southeastern Alaska

NEIC 01 09:45:37.6, 60:18N:141:04W, h0km, ML3.0(AEIC), After AEIC.

ISC 01 09:45:37.5, 0.9, 60:12N:0.03:141:10W, 0.02, h8km, 7km, n61, c134/86, Southeastern Alaska

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like CHX Chaix Hills, SAMH Samovar Hills, RKAV Rock Avalanche, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like VRDI Verde Repeater, YUK2 White River, YUK3 Moose Creek, etc.

ISCJB 01 10:01:29.9, 0.4, 39:89N:0:02-29:18E, 0.03, h0km, Error ellipse: s-maj=3.8km s-min=3.4km az=31.9

ISK 01 10:01:29.5, 39:90N:29:19E, h4km, MD2.7, DDA 01 10:01:29.9, 39:90N:29:19E, h3km, MD2.7

CSEM 01 10:01:29.9, 0.1, 39:90N:29:20E, h1km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.7km az=136.0, Mining explosion.

ISC 01 10:01:30.0, 0.8, 39:39N:0:02-29:19E:0:02, h0km, n42, c053/53, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like ORLT Orhaneli, TVSB Tavsanli, IZI Iznik, etc.

ISCJB 01 10:01:41.9, 0.7, 33:69S:0:02-71:86W, 0.04, h26km, 5km, mb4.8/30, MS4.2/10, Error ellipse: s-maj=5.3km s-min=3.9km az=24.2

MOS 01 10:01:43.0, 1.2, 33:69S:0:02-71:86W, h33km, mb5.2/11, Error ellipse: s-maj=23.2km s-min=10.3km az=100.3

GUC 01 10:01:43.0, 6.3, 33:77S:71:74W, h22km, 5km, ML4.7, NEIC 01 10:01:43.0, 33:76S:71:74W, h22km, mb4.9/21, ML4.7(GUC), After GUC.

NEIC FEL [V] at Navidad; [IV] at Casablanca, El Tabo, Rancagua and San Antonio, [III] at El Quisco, Paredones, Pichilemu, Quillota, Santa Cruz, Valparaiso and Vina del Mar, [II] at Concepcion, San Fernando, Santiago and Talca. Also felt at San Vicente.

ISC 01 10:01:44.0, 2.5, 33:70S:71:73W, h49km, 23km, mb4.1/9, mb1.4/3/1, mb1.1mx3.4/2, 27b, mbtmp4.3/13, ML4.3/4, MS4.1/12, Ms1.4/1/12, ms1mx3.9/19, Error ellipse: s-maj=26.7km s-min=15.7km az=77.0

ISC 01 10:01:44.3, 0.6, 33:74S:0:03:71:71W, 0.04, h33km, 3km, n435, c085/432, mb4.8/30, MS4.1/10, 9C-8D, Near coast of central Chile

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like TACH Talagante, TACH Talagante, CHPI Pichilemu, etc.

1d 10h

Table with columns: Station Name, Frequency, Modulation, Power, and Signal-to-Noise Ratio. Includes stations like ROC1, ROCH, FSR, etc.

2010 DEC

Table with columns: Station Name, Frequency, Modulation, Power, and Signal-to-Noise Ratio. Includes stations like 434A, 336A, 335A, etc.

18

Table with columns: Station Name, Frequency, Modulation, Power, and Signal-to-Noise Ratio. Includes stations like WMOK, V36A, TUL1, etc.

M37A	Trindle Farm, baz=78, 77.56 346 P	P	10 13 36.2 -0.5
Q28A	Sharon Springs, baz=78, 77.64 337 P	P	10 13 37.2 -0.1
N34A	Lincoln, baz=78, 77.66 341 P	P	10 13 37.0 -0.3
SDCO	Great Sand Dun, baz=78, 77.77 333 P	P	10 13 38.5 +0.2
SDCO	Great Sand Dun, comp=Z,3.6nm,0.9s, 77.77 333 eP	P	10 13 38.8 +0.5
P29A	Atwood, baz=78, 77.83 337 P	P	10 13 38.7 +0.3
O31A	Woolen Ranch, baz=78, 77.83 339 P	P	10 13 38.5 +0.3
KSCO	Kaye Shedlock, baz=78, 77.86 336 P	P	10 13 38.9 +0.4
P28A	Saint Francis, baz=78, 78.07 337 P	P	10 13 40.4 +0.7
SWSC	Sam W. Stewart, baz=78, 78.22 323 P	P	10 13 40.8 +0.3
Y12C	Blythe, baz=78, 78.25 325 P	P	10 13 41.4 +0.6
WUAPZ	Wupatki, baz=78, 78.26 328 P	P	10 13 41.2 +0.3
WUAPZ	Wupatki, comp=Z,11m,1.1s, SNR=5.2, 78.26 328 eP	P	10 13 40.5 -0.4
S22A	4UR Ranch, Cre, baz=79, 78.27 332 P	P	10 13 41.7 +0.6
S22A	4UR Ranch, Cre, 78.27 332 eP	P	10 13 41.7 +0.6
Q24A	Divide, baz=79, 78.71 334 P	P	10 13 44.0 +0.5
K36A	Gilmore City, baz=79, 78.82 343 P	P	10 13 43.1 -0.5
M31A	Lambrecht Ranch, baz=79, 78.82 339 P	P	10 13 44.1 +0.4
N29A	Votaw Ranch, baz=79, 78.84 338 P	P	10 13 44.3 +0.5
IRM	Iron Mountain, baz=79, 78.89 324 P	P	10 13 44.8 +0.6
N28A	Priobeno Ranch, baz=79, 79.01 337 P	P	10 13 45.3 +0.4
PFO	Pinyon Flat Ob, baz=79, 79.09 323 P	P	10 13 46.2 +0.7
M30A	Dale-Ortello V, baz=79, 79.27 339 P	P	10 13 46.5 +0.4
MURC	Murrieta, baz=80, 79.45 323 P	P	10 13 48.1 +0.8
L31A	Butterfield Fa, baz=80, 79.55 340 P	P	10 13 48.3 +0.7
SMCO	Snowmass, baz=80, 79.57 333 eP	P	10 13 48.9 +0.6
ISCO	Idaho Springs, baz=80, 79.61 334 P	P	10 13 48.4 0.0
GMRC	Granite Mounta, baz=80, SNR=6.3, 79.64 324 P	P	10 13 48.4 0.0
I38A	Scanlan Farm, baz=80, 79.67 345 P	P	10 13 47.9 -0.3
I37A	Lemond, Waseca, baz=80, 79.88 344 P	P	10 13 49.0 -0.3
K31A	O'Neill, baz=80, 79.94 340 P	P	10 13 49.8 +0.1
BOSA	Boshof, comp=Z,8.3nm,0.9s,baz=248,slow=4.6,SNR=3.8, 79.95 118 P	P	10 13 51.7 +1.2
BOSA	LR, 10 44 38.1		
J33A	Davis, comp=Z,7.4nm,20.7s,baz=205,slow=32, 80.09 342 P	P	10 13 49.9 -0.6
I35A	Creekview Farm, baz=80, 80.10 343 P	P	10 13 49.9 -0.6
K30A	Basset, baz=80, 80.23 340 P	P	10 13 51.6 +0.3
TUQ	Turquoise Moun, baz=81, SNR=7.2, 80.30 325 P	P	10 13 51.9 -0.1
J32A	Parkston, baz=81, 80.38 341 P	P	10 13 51.9 -0.1
ECSD	EROS Data Cent, baz=81, 80.39 342 P	P	10 13 52.2 +0.4
ECSD	EROS Data Cent, comp=Z,1.3nm,0.8s, 80.39 342 eP	P	10 13 51.7 -0.4
ECSD	10 14 03.5 +1.0		
K29A	Lazy Trails An, baz=81, 80.52 339 P	P	10 13 53.2 +0.2
H36A	Jessenland, He, baz=81, 80.53 344 P	P	10 13 53.1 +0.3
K28A	Ten Mile Ranch, baz=81, SNR=5.2, 80.79 338 P	P	10 13 54.5 +0.1
J30A	Dallas, baz=81, 80.79 340 P	P	10 13 54.4 0.0
SHPR	Sheep Range, baz=81, 80.80 326 eP	P	10 13 55.6 +0.9
CCUT	Cedar City, baz=81, 80.83 328 eP	P	10 13 54.9 0.0
SHOC	Shoshone, baz=81, 80.84 325 P	P	10 13 54.8 +0.1
H35A	Sunnyside Ranc, baz=81, 80.85 344 P	P	10 13 54.2 -0.4
EDWZ	Edwards Air Fo, baz=81, 80.87 323 P	P	10 13 55.2 +0.3
O20A	White River Ci, baz=81, 80.89 332 P	P	10 13 55.2 +0.1
SRU	San Rafael, baz=81, 80.92 330 eP	P	10 13 54.8 -0.5
SRU	San Rafael, baz=81, 80.93 328 eP	P	10 13 54.8 -0.5
H34A	Spellman Lake, baz=81, 81.05 343 P	P	10 13 55.6 0.0
J29A	Okreek, baz=82, SNR=7.1, 81.19 339 P	P	10 13 55.6 -0.5
LRMC	Laurel Mountai, baz=82, 81.19 324 P	P	10 13 57.0 +0.3
P18A	Preston Nutter, baz=82, 81.25 331 eP	P	10 13 57.8 +0.5
H33A	Prehn Over, baz=82, 81.31 342 P	P	10 13 56.7 -0.3
I30A	Oacoma, baz=82, 81.32 340 P	P	10 13 56.9 -0.2
J28A	Allard Ranch, baz=82, 81.40 339 P	P	10 13 58.1 +0.5
J27A	Elkhorn Farm, baz=82, SNR=6.4, 81.48 338 P	P	10 13 59.0 +0.9
MPMC	Manual Prospec, baz=82, 81.56 324 P	P	10 13 59.0 +0.2
FURC	Furnace Creek, baz=82, 81.58 325 P	P	10 13 59.1 +0.5
ISA	Isabella, baz=82, 81.73 323 eP	P	10 14 00.6 +1.1
ISA	Isabella, baz=82, 81.73 323 P	P	10 14 00.3 +0.7
ISA	Isabella, baz=82, 81.73 323 eP	P	10 14 00.6 +1.1
DAC	Darwin (Calif), baz=82, 81.78 324 eP	P	10 14 00.7 +0.8
DAC	Darwin (Calif), baz=82, 81.78 324 eP	P	10 14 00.7 +0.8
PKM	Peak Mountain, baz=82, SNR=5.9, 81.81 322 P	P	10 13 60.0 -0.1
J26A	Sides Ranch, S, baz=82, 81.87 337 P	P	10 14 00.7 +0.6
I28A	Midland, baz=82, SNR=6.9, 81.90 339 P	P	10 13 60.0 -0.2
CWC	Cottonwood Cre, baz=82, 82.14 324 P	P	10 14 02.2 +0.4
VES	Vestal, Richgr, baz=82, 82.17 323 P	P	10 14 02.2 +0.4
J25A	Sunshine Ranch, baz=82, 82.17 337 P	P	10 14 02.1 +0.4
H29A	Onida, baz=82, 82.19 340 P	P	10 14 01.5 -0.2
E36A	McGregor, baz=82, 82.22 345 P	P	10 14 01.4 -0.4
SMMC	Simmier, baz=82, 82.22 322 P	P	10 14 03.0 +0.9
I27A	Quinn, baz=82, 82.23 338 P	P	10 14 01.9 0.0
GRAC	Grapevine Rang, baz=82, 82.25 325 P	P	10 14 02.5 +0.3
O16A	Springville, baz=82, 82.25 330 eP	P	10 13 56.4 -0.0
NLU	North Lily Min, baz=82, 82.28 330 eP	P	10 14 03.0 +0.5
K22A	Casper, baz=83, 82.44 335 P	P	10 14 03.5 +0.3
I26A	New Underwood, baz=83, 82.45 338 P	P	10 14 03.3 +0.2
H28A	Mission Ridge, baz=83, SNR=6.3, 82.47 339 P	P	10 14 02.2 -1.0
R11A	Troy Canyon, C, baz=83, 82.49 327 P	P	10 14 03.9 +0.3
R11A	Troy Canyon, C, baz=83, 82.49 327 eP	P	10 14 04.5 +0.9
I25A	Rochford, baz=83, SNR=5.0, 82.72 337 P	P	10 14 04.8 +0.1
H27A	Howe, SNR=6.6, 82.75 339 P	P	10 14 03.9 -0.8
DUG	Dugway, baz=83, 82.79 329 eP	P	10 14 05.6 +0.5
DUG	Dugway, baz=83, 82.79 329 eP	P	10 14 05.2 +0.2
DUG	Dugway, baz=83, 82.79 329 eP	P	10 14 05.6 +0.5
G28A	Parade, baz=83, SNR=7.1, 82.81 340 P	P	10 14 04.2 -0.7

RSSD	Black Hills, 82.90 337 eP	P	10 14 05.2 -0.5
RSSD	Black Hills, 82.90 337 eP	P	10 14 05.2 -0.5
D35A	Remer, baz=83, 82.93 345 P	P	10 14 05.4 0.0
F29A	Eureka, baz=84, 83.19 341 P	P	10 14 06.4 -0.5
H25A	Fruitdale, baz=84, SNR=5.5, 83.21 338 P	P	10 14 06.5 -0.6
E31A	Nome, baz=84, 83.35 342 P	P	10 14 07.6 0.0
G27A	Dupree, baz=84, SNR=6.0, 83.38 339 P	P	10 14 07.1 -0.8
HWUT	Hardware Ranch, baz=84, SNR=6.0, 83.46 331 eP	P	10 14 08.0 -0.5
F28A	McLaughlin, baz=84, 83.48 340 P	P	10 14 08.6 +0.3
BGU	Big Grassy Mou, baz=84, 83.49 330 eP	P	10 14 08.5 -0.2
C35A	Jirik Farms, M, baz=84, 83.50 345 P	P	10 14 08.1 -0.3
G26A	Maurie, baz=84, SNR=5.1, 83.51 339 P	P	10 14 07.7 -0.8
BW06	Boulder Array, baz=84, 83.66 333 eP	P	10 14 08.9 -0.7
PDAR	Pinedale Array, baz=84, 83.66 333 P	P	10 14 08.7 -0.9
PDAR	comp=Z,1.7nm,0.8s,baz=130,slow=5.0,SNR=14, 83.66 333 eP	P	10 47 43.2
G25A	Newell, baz=84, SNR=6.5, 83.67 338 P	P	10 14 08.7 -0.7
E29A	Napoleon, baz=84, SNR=6.5, 83.82 341 P	P	10 14 10.0 -0.1
NV01	Mina Array Sit, baz=84, 83.83 325 eP	P	10 14 10.2 -0.3
NVAR	Mina Array Bea, baz=84, 83.83 325 P	P	10 14 10.7 +0.1
NVAR	comp=Z,2.5nm,0.7s,baz=154,slow=5.9,SNR=27, 83.83 325 P	P	10 44 30.8
F27A	Lenmon, baz=84, SNR=7.6, 83.86 339 P	P	10 14 09.7 -0.7
T0A0	Torodi Ar. Sit, baz=84, SNR=7.6, 83.87 70 eP	P	10 14 10.5 -0.5
TORD	Torodi Ar. Bea, comp=Z,5.1nm,0.8s,baz=248,slow=4.5,SNR=28, 83.87 70 eP	P	10 14 10.3 -0.7
TORD	LR, 10 50 00.6		
C33A	Trail, baz=84, 83.96 344 P	P	10 14 10.6 -0.2
F26A	Lodgepole, baz=84, SNR=5.2, 84.03 339 P	P	10 14 10.3 -0.9
D30A	Buchanan, baz=84, 84.08 342 P	P	10 14 11.3 -0.1
HVU	Hansel Valley, baz=84, 84.09 330 eP	P	10 14 10.6 -1.2
HVU	Hansel Valley, baz=84, 84.09 330 eP	P	10 14 10.6 -1.2
E28A	Huff, baz=84, 84.11 340 P	P	10 14 11.8 +0.3
E27A	Carson, baz=84, 84.23 340 P	P	10 14 11.9 -0.3
D29A	Pettibone, Tap, baz=85, 84.26 341 P	P	10 14 12.4 +0.2
ELK	Elko, baz=85, 84.29 328 eP	P	10 14 12.7 -0.2
ELK	Elko, baz=85, 84.29 328 eP	P	10 14 12.7 -0.2
F25A	Bowman, baz=85, 84.34 338 P	P	10 14 12.6 -0.2
B34A	Aery, Baudette, baz=85, 84.39 345 P	P	10 14 12.4 -0.5
C31A	Landman Farms, baz=85, 84.46 343 P	P	10 14 12.8 -0.4
AGMN	Agassiz Nation, baz=85, 84.48 344 P	P	10 14 13.0 -0.4
E26A	Carson Angus, baz=85, 84.53 339 P	P	10 14 13.8 +0.1
C30A	Mose, Pekin, baz=85, 84.56 342 P	P	10 14 13.8 0.0
D28A	Regan, baz=85, 84.64 341 P	P	10 14 14.4 +0.1
B32A	Ashes, Strandq, baz=85, 84.73 344 P	P	10 14 13.9 -0.7
L0HW	Long Hollow, baz=85, 84.78 333 eP	P	10 14 15.1 -0.2
E25A	Miller Ranch, baz=85, 84.84 339 P	P	10 14 15.1 -0.2
MOOW	Moose Ponds, baz=85, 84.95 333 eP	P	10 14 15.7 -0.5
A33A	Warroad, baz=85, 84.98 345 P	P	10 14 15.6 -0.3
B31A	Greenbush Farm, baz=85, 85.02 343 P	P	10 14 15.4 -0.7
D26A	Manning, baz=85, 85.03 339 P	P	10 14 16.0 -0.2
FLWY	Flagg Ranch, baz=85, 85.21 333 eP	P	10 14 16.9 -0.5
FLWY	Flagg Ranch, baz=85, 85.21 333 eP	P	10 14 13.1 +3.1
B30A	Myrvik Farm, E, baz=85, 85.22 343 P	P	10 14 17.1 0.0
C27A	Saylor Ranch, baz=85, 85.38 340 P	P	10 14 18.0 +0.1
D25A	Fairfield, baz=86, 85.40 339 P	P	10 14 18.4 +0.0
H17A	Grant Village, baz=86, 85.43 333 P	P	10 14 19.2 +0.7
A30A	Hoffart Farm, baz=86, 85.66 343 P	P	10 14 18.7 -0.6
B28A	Dugan Ranch, T, baz=86, 85.74 341 P	P	10 14 19.7 0.0
YMR	Madison River, baz=86, 85.81 333 eP	P	10 14 20.6 +0.2
A29A	Manning Farm, baz=86, 85.88 342 P	P	10 14 19.8 -0.6
LAO	LASA Array, baz=86, 85.89 337 P	P	10 14 20.4 -0.1
LAO	LASA Array, baz=86, 85.89 337 eP	P	10 14 20.1 -0.5
HLID	Hailey, baz=87, 86.25 330 P	P	10 14 22.9 +0.3
HLID	Hailey, baz=87, 86.25 330 eP	P	10 14 22.3 -0.3
A26A	Wade Farm, Ken, baz=87, 86.61 341 P	P	10 14 23.8 -0.1
MCMT	McKenzie Canyo, baz=87, 86.67 332 eP	P	10 14 24.7 +0.1
MCMT	McKenzie Canyo, baz=87, 86.67 332 eP	P	10 14 37.1 +2.0
MCMT	McKenzie Canyo, baz=87, 86.67 332 eP	P	10 14 42.5 +3.6
MGMT	Camas Ranch, baz=87, 86.72 329 eP	P	10 14 24.2 -0.5
DGMT	Dagmar, baz=87, 86.84 339 P	P	10 14 25.4 +0.3
DGMT	Dagmar, baz=87, 86.84 339 eP	P	10 14 24.8 -0.4
A25A	Svangstu Ranch, baz=87, 86.95 340 P	P	10 14 26.1 +0.5
O03D	Paynes Creek, baz=87, 86.98 324 P	P	10 14 26.6 +0.5
LRM	Limekiln Ridge, baz=87, 87.35 333 eP	P	10 14 27.9 -0.1
J08A	Cirrus Bar, SNR=4.9, 87.82 328 eP	P	10 14 30.4 +0.3
M04C	Macdool, baz=88, 88.14 325 P	P	10 14 32.1 +0.4
EMGT	Eagleton, baz=88, 88.24 336 P	P	10 14 31.7 -0.2
MSO	Missoula, baz=89, 88.76 333 P	P	10 14 35.6 +1.1
J05D	Fort Rock, OR, baz=89, 89.01 326 P	P	10 14 35.7 0.0
ILAR	Eielson Array, 114.09 333 PKP	PKP	10 20 18.5 -0.7
ASAR	Alice Springs, 117.92 207 PKP	PKP	10 20 26.2 -1.8
WRA	Warramunga Arr, 121.12 209 PKP	PKP	10 20 32.1 -2.1
BRTR	Keskin Array B, 121.47 61ePKP	PKP	10 20 22.3
BRTR	comp=Z,1.0nm,0.4s, 121.47 61ePKP	PKP	10 20 22.3
H11S2	WAKE ISLAND Hy26.05 269 T	T	12 39 39.5
H11S1	WAKE ISLAND Hy26.06 269 T	T	12 39 39.7
H11S3	WAKE ISLAND Hy26.06 269 T	T	12 39 36.4
H11N3	WAKE ISLAND Hy26.45 271 T	T	12 40 01.5
H11N1	WAKE ISLAND Hy26.47 271 T	T	12 40 05.1
H11N2	WAKE ISLAND Hy26.47 271 T	T	12 40 00.2
KIV	Kislovodsk, 129.12 58 i	PKIP	10 20 49.0 +0.2
KIV	comp=Z,6.0nm,0.9s, 129.12 58 i	PKIP	10 20 49.0 +0.2
KIV	MLR, 10 21 02.3 +1.3		
TIXI	Tiksi, 140.49 350 i	PKIP	10 21 23.1 +0.5
BRVK	Borovoye, 146.84 43 i	PKP	10 21 23.1 +0.5
BVAR	Borovoye Array, 146.91 43 PKP	PKP	10 21 21.2 +0.4
YAK	Yakutsk, 148.58 341 ePKP	PKP	10 21 26.6 -0.4
YAK	comp=Z,1.9nm,0.9s, 148.58 341 ePKP	PKP	10 21 26.6 -0.4
YSS	Yuzhny Sakhalins, 150.85 307 ePKIP	PKP	10 21 28.4 +1.0
KURBB	Kurchatov Arr, 152.50 43 PKP	PKP	10 21 29.5 -0.2
KURBB	comp=Z,0.3nm,0.3s,baz=302,slow=2.7,SNR=3.2, 152.50 43 PKP	PKP	10 21 29.5 -0.2

KURK	Kurchatov, 152.51 43 PKIP	PKP	10 21 29.5 -0.3
KURK	Kurchatov, 152.51 43 PKP	PKP	10 21 29.5 -0.3
KURK	Kurchatov, 152.51 43 PKP	PKP	10 21 29.5 -0.3
KSH	Kashi, 153.53 68 PKP	PKP	10 21 37.0

1d 12h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Tunceli-Merkez, BINGOL, Pertek, Erzincaan, Batman, Kelkit, Mazidag.

ISCJB 01 11:41:51.5, 0.4, 34.42N:0.03, 15.33E, 0.06, h10km, mb3.7/6, MS3.4/2, Error ellipse: s-maj=7.2km s-min=4.2km az=7.1

ISC 01 11:41:51.9, 1.4, 34.53N:15.29E, h0km, mb3.8/6, mb1.3 9/10, mb1mx3.7/40, mbtmp3.9/10, ML3.7/4, MS3.1/3, Ms1.3/13, ms1mx2.4/45, Error ellipse: s-maj=27.6km s-min=23.0km az=136.0

ROM 01 11:41:53.4, 0.4, 34.51N:15.32E, h10km, M3.9/18, Error ellipse: s-maj=7.6km s-min=3.4km az=35.0

CSEM 01 11:41:53.1, 0.1, 34.43N:15.28E, h10km, ML3.9, Error ellipse: s-maj=6.1km s-min=2.8km az=94.0

ISC 01 11:41:52.0, 2.7, 34.40N:0.04, 15.33E:0.06, h10km, n69, n=100/73, mb3.9/6, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WDD, LMSR, HAVL, HMDC, SSS, HVZN, AGST, HAGA, HCRCL, RAFF, GHAR, VAE.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ECNV, GAGL, MMME, ALJA, MPAP, CLTB, PLLN, SOI, MPNC, CORL, MSRU, PLAC, SERS, CAR1, TIP, KEST, LJFR, LJBD, LGHD, VSL, IDI, VRAC, BRTR, AKASG, TORD, HAFGR.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WDD, ECNV, GAGL, MMME, ALJA, MPAP, CLTB, PLLN, SOI, MPNC, CORL, MSRU, PLAC, SERS, CAR1, TIP, KEST, LJFR, LJBD, LGHD, VSL, IDI, VRAC, BRTR, AKASG, TORD, HAFGR.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WDD, ECNV, GAGL, MMME, ALJA, MPAP, CLTB, PLLN, SOI, MPNC, CORL, MSRU, PLAC, SERS, CAR1, TIP, KEST, LJFR, LJBD, LGHD, VSL, IDI, VRAC, BRTR, AKASG, TORD, HAFGR.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WDD, ECNV, GAGL, MMME, ALJA, MPAP, CLTB, PLLN, SOI, MPNC, CORL, MSRU, PLAC, SERS, CAR1, TIP, KEST, LJFR, LJBD, LGHD, VSL, IDI, VRAC, BRTR, AKASG, TORD, HAFGR.

2010 DEC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NOA, FINES, DBIC, MKAR, ZALV, TXAR.

GUC 01 11:45:24.9, 0.4, 21.12S:66.71W, h141km, 4km, ML3.7, 9C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PB09, PB07, PB11, PB06, PB04, PSCG, PSCG, MNNMC, PB13, PB13.

ISK 01 11:47:00.7, 4.0, 39.89N:40.36E, h23km, MD2.5, CSEM 01 11:47:00.6, 0.3, 40.96N:40.31E, h10km, MD2.5, Error ellipse: s-maj=11.9km s-min=4.8km az=155.0

DDA 01 11:47:01.6, 4.0, 39.89N:40.36E, h7km, MD2.9, ISC 01 11:47:00.4, 1.2, 40.92N:0.06, 40.34E:0.04, h8km, 11km, n17, 0537/29, Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BAYT, BAYT, BAYT, GUMT, GUMT, DBAD, DBAD, DDEM, DDEM, DDEM, BCA, BCA, BCA, KELT, KELT, KELT, DAGI, DAGI, ESPY, ESPY, SUSE, SUSE.

BUI 01 12:04:57.8, 4.8, 83N:126.57E, h31km, mb4.5/11, mb5.1/8, Ms4.5/3, Ms7.4/23

DDA 01 12:05:58.2, 0.5, 5.41N:126.39E, h0km, mb4.3/16, mb1.4 4/16, mb1mx4.2/39, mbtmp4.3/16, MS3.4/13, Ms1.3 4/13, ms1mx3.2/35, Error ellipse: s-maj=37.3km s-min=12.1km az=74.0

MAN 01 12:05:05, 5.34N:126.20E, h12km, mb4.9, ML3.8, MS3.9, ISCJB 01 12:05:05, 5.0, 4.5, 31N:0.02, 126.43E:0.05, h67km, 4km, mb4.2/25, Error ellipse: s-maj=8.4km s-min=3.6km az=169.5

DJA 01 12:05:05, 7.0, 4.5, 14N:126.6E, h25km, M4.5/15, mb4.6/15, mb5.1/8, ML4.7/11, Mw(MB)4.4/8

NEIC 01 12:05:07, 3.0, 9.5, 41N:126.50E, h68km, 9km, mb4.5/7, Error ellipse: s-maj=15.5km s-min=6.4km az=74.0

AUST 01 12:06:12, 3.2, 7.1, 24N:126.94E, h436km, Error ellipse: s-maj=1.7km s-min=1.5km az=254.0

ISC 01 12:05:06, 8.0, 8.5, 27N:102.4C:126.39E:0.07, h61km, 7km, n79, 01963/84, mb4.4/25, 2C, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MATI, MATI, SGSI, SGSI, DAV, DAV, DAV, CTBH, BIPH, BIPH, BUKP, BUKP, CGP, BUTP, PAGZ, SCPH, TINTI, TINTI, TINTI, GTOI, GTOI, GTOI, LBMI, LBMI, MRSI, LUWI, LUWI, LUWI, LUWI, SANI, SANI, SANI, APSI, APSI, SWI, SWI, SWI, SJIJ, SJIJ, SJIJ, NLAI, NLAI, PCI, PCI, FAKI, FAKI, FAKI, FAKI, FAKI, RPKI, RPKI.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BNDI, TTSI, SPSI, BBSI, BATI, KNRA, LEM, FITZ, FITZ, COEN, WRAB, WRA, WRA, WRA, QIS, ASAR, ASAR, ASAR, CMAR, CMAR, CMAR, CMAR, WRKA, CTA, KSAR, KSRS, MEK, MEK, MJAR, QLP, HNR, NWAO, MDJ, STKA, STKA, H11S, H11S1, H11S2, H11N1, H11N2, H11N3, ULN, SONM, SONM, WMQ, WMQ, WMQ, WMQ, MKAR, MKAR, MKAR, KSH, KSH, KSH, KSH, KSH, ZALV, ZALV, ZALV, KURK, KKAR, BRVK, GEYT, ABKAR, AKTO, ILAR, PPT, BRTR, ARCES, SPITS, FINES, FINES, NOA, TORD, TORD.

22

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BNDI, TTSI, SPSI, BBSI, BATI, KNRA, LEM, FITZ, FITZ, COEN, WRAB, WRA, WRA, WRA, QIS, ASAR, ASAR, ASAR, CMAR, CMAR, CMAR, CMAR, WRKA, CTA, KSAR, KSRS, MEK, MEK, MJAR, QLP, HNR, NWAO, MDJ, STKA, STKA, H11S, H11S1, H11S2, H11N1, H11N2, H11N3, ULN, SONM, SONM, WMQ, WMQ, WMQ, WMQ, MKAR, MKAR, MKAR, KSH, KSH, KSH, KSH, KSH, ZALV, ZALV, ZALV, KURK, KKAR, BRVK, GEYT, ABKAR, AKTO, ILAR, PPT, BRTR, ARCES, SPITS, FINES, FINES, NOA, TORD, TORD.

MDD 01 12:25:42, 6.0, 4.36, 40N:5.70W, h6km, 3km, mbLg3.1/21, Error ellipse: s-maj=3.7km s-min=2.5km az=26.0, PRXIMO SFS 01 12:25:42, 0.3, 36.38N:5.70W, h6km, ML3.2, ISCJB 01 12:25:42, 9.0, 3.3, 36.74N:0.02, 5.61W:0.02, h5km, 2km, Error ellipse: s-maj=3.7km s-min=2.3km az=25.4, CSEM 01 12:25:43, 5.0, 2.9, 36.80N:5.61W, h10km, ML3.5/28, Error ellipse: s-maj=3.9km s-min=3.0km az=11.0, LDG 01 12:25:43, 1.0, 3.3, 36.41N:5.68W, h10km, M3.6/1, M3.4/4,

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

MEX 01 15:13:50.8;0.4, 17.78N x 100.08W, h58km, 4km, MD4.1, Guerrero

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

ISC 01 15:15:03.4;1.7, 3.58S; 149.81E, h0km, mb3.9/7, mb1.4/1.8, mb1mx3.8/42, mbtmp3.9/8, ML3.1/3.1, MS3.2/10, MS1.3/2.10, ms1mx3.0/2.8, Error ellipse: s-maj=57.4km s-min=19.0km az=110.0

ISCJB 01 15:15:04.4;1.4, 3.65S; 0.1; 149.7E; 0.3, h19km, mb3.9/8, MS3.1/7, Error ellipse: s-maj=43.2km s-min=9.5km az=15.3

NEIC 01 15:15:08.2;1.1, 3.73S; 149.80E, h35km, mb4.3/2, Error ellipse: s-maj=35.3km s-min=9.9km az=107.0

ISC 01 15:15:06.2;1.5, 3.65S; 0.1; 149.8E; 0.3, h19km, n20, o121/15, mb3.9/8, MS3.1/7, Bismarck Sea

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

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

ISC 01 15:26:09.6;2.1, 11.00S; 113.59E, h0km, mb3.8/7, mb1.4/0.9, mb1mx3.8/29, mbtmp3.9/9, ML3.5/2, Error ellipse: s-maj=84.4km s-min=18.3km az=42.0

ISCJB 01 15:26:11.7;0.6, 10.92S; 0.05; 113.67E; 0.04, h25km, mb3.6/7, Error ellipse: s-maj=6.9km s-min=5.2km az=152.2

DJA 01 15:26:17.6;0.5, 11.38S; 110.11E, h129km, 20km, ML2.2/19, mb4.1/1.4, mb1.4/1.4, ML2.2/19, Mwm(MB)4.0/1

ISC 01 15:26:13.4;0.9, 10.86S; 0.08; 113.70E; 0.06, h25km, n29, o156/31, mb3.6/7, South of Jawa

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

ISK 01 15:34:47.7; 37.86N; 27.34E, h20km, MD2.1, DDA 01 15:34:47.9; 37.83N; 27.34E, h35km, MD2.6

ISCJB 01 15:34:48.0; 7.7; 37.87N; 0.03; 27.37E; 0.05, h26km, 10km, Error ellipse: s-maj=7.6km s-min=5.0km az=140.1

CSEM 01 15:34:48.6; 0.3; 37.88N; 27.38E, h20km, MD2.1, Error ellipse: s-maj=8.4km s-min=4.4km az=83.0

ISC 01 15:34:48.4; 1.0; 37.87N; 0.03; 27.36E; 0.04, h26km, 11km, n14, o048/24, Turkey

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

ISCJB 01 16:00:11.4; 0.7; 51.81N; 0.06; 169.23W; 0.09, h10km, mb3.7/11, Error ellipse: s-maj=11.3km s-min=5.2km az=18.2

ISC 01 16:00:12.3; 1.3; 52.18N; 169.32W, h30km, mb3.7/11, mb1.3/9/13, mb1mx3.7/59, mbtmp3.7/13, ML3.2/7, Error ellipse: s-maj=37.2km s-min=17.5km az=173.0

NEIC 01 16:00:15.4; 52.05N; 169.35W, h8km, ML3.3(AEIC), After AEIC

ISC 01 16:00:13.4; 0.9; 52.0N; 0.1; 169.32W; 0.07, h10km, n31, o124/32, mb3.6/11, Fox Islands

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

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

BUJ 01 16:01:24.5; 15.49S; 178.64W, h5km, mb5.2/45, mb5.7/56, MS5.8/70, MS7.5/764

ISC 01 16:01:25.0; 0.4; 15.90S; 178.88W, h0km, mb5.0/33, mb1.5/35, mb1mx5.0/42, mbtmp5.0/35, ML3.8/2, MS5.7/27, MS1.5/72, ms1mx5.7/29, Error ellipse: s-maj=11.6km s-min=9.0km az=177.3

ISCJB 01 16:01:25.0; 2.1; 15.91S; 0.03; 178.96W; 0.02, h10km, mb5.5/196, MS5.8/360, Error ellipse: s-maj=4.4km s-min=2.6km az=149.5

NEIC 01 16:01:27.0; 0.0; 15.90S; 178.86W, h15km, Best double couple: NP1=81.00000, 884.00000, -1.4, 0.00000, NP2=172.00000, 875.00000, -1.74, 0.00000

GCMT 01 16:01:27.4; 0.1; 15.77S; 178.81W, h15km, MW6.0/131, Moment Tensor Solution: s109,c246, s131,c422, Duration: 2s4, Moment tensor: Scale 10^18Nm, Mn:0.07s; 0.1; Mm:0.54s; 0.1; Mw:0.12s; 0.2; Ms:1.09s; 0.1; Mv:0.03s; 0.2; Best double couple: M0:1.20000x1018, NP1=257.00000, 888.00000, -1.78, 0.00000, NP2=348.00000, 885.00000, -1.78, 0.00000

NEIC 01 16:01:27.4; 0.0; 15.77S; 178.81W, h15km, MW6.0/131, Moment Tensor Solution: s109,c246, s131,c422, Duration: 2s4, Moment tensor: Scale 10^18Nm, Mn:0.07s; 0.1; Mm:0.54s; 0.1; Mw:0.12s; 0.2; Ms:1.09s; 0.1; Mv:0.03s; 0.2; Best double couple: M0:1.20000x1018, NP1=257.00000, 888.00000, -1.78, 0.00000, NP2=348.00000, 885.00000, -1.78, 0.00000

NEIC 01 16:01:27.4; 0.0; 15.77S; 178.81W, h15km, MW6.0/131, Moment Tensor Solution: s109,c246, s131,c422, Duration: 2s4, Moment tensor: Scale 10^18Nm, Mn:0.07s; 0.1; Mm:0.54s; 0.1; Mw:0.12s; 0.2; Ms:1.09s; 0.1; Mv:0.03s; 0.2; Best double couple: M0:1.20000x1018, NP1=257.00000, 888.00000, -1.78, 0.00000, NP2=348.00000, 885.00000, -1.78, 0.00000

NEIC 01 16:01:27.4; 0.0; 15.77S; 178.81W, h15km, MW6.0/131, Moment Tensor Solution: s109,c246, s131,c422, Duration: 2s4, Moment tensor: Scale 10^18Nm, Mn:0.07s; 0.1; Mm:0.54s; 0.1; Mw:0.12s; 0.2; Ms:1.09s; 0.1; Mv:0.03s; 0.2; Best double couple: M0:1.20000x1018, NP1=257.00000, 888.00000, -1.78, 0.00000, NP2=348.00000, 885.00000, -1.78, 0.00000

NEIC 01 16:01:27.4; 0.0; 15.77S; 178.81W, h15km, MW6.0/131, Moment Tensor Solution: s109,c246, s131,c422, Duration: 2s4, Moment tensor: Scale 10^18Nm, Mn:0.07s; 0.1; Mm:0.54s; 0.1; Mw:0.12s; 0.2; Ms:1.09s; 0.1; Mv:0.03s; 0.2; Best double couple: M0:1.20000x1018, NP1=257.00000, 888.00000, -1.78, 0.00000, NP2=348.00000, 885.00000, -1.78, 0.00000

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1d 16h

OUZ	comp=Z,34µm,19.0s	LR	LR		
KUZ	Kuaotunu 21.40 192 PN	P	P	16 06 15.3 +0.9	
HNR	Honiara 21.71 284 P	S	S	16 06 16.1 -1.8	
HNR	comp=Z,37nm,0.6s,baz=148,slow=14,SNR=3.2	S	S	16 10 18.4 +0.5	
HNR	comp=Z,22nm,0.5s,baz=218,slow=19,SNR=2.4	LR	LR	16 13 25.0	
HNR	comp=Z,82µm,18.9s,baz=121,slow=33	LR	LR	16 06 16.1 -1.8	
HNR	Honiara 21.71 284 P	S	S	16 10 18.4 +0.5	
HNR	Honiara 21.71 284 P	P	P	16 06 20.0 +2.1	
HNR	Honiara 21.71 284 P	S	S	16 06 16.1 -1.8	
HNR	Honiara 21.71 284 P	S	S	16 10 18.4 +0.5	
KARZ	Kaharoa 22.54 190 PN	P	P	16 06 26.1 +0.5	
OMRZ	Omania 22.60 190 PN	P	P	16 06 27.1 +0.3	
URZ	Urewera 22.64 188 LR	LR	LR	16 14 27.8	
HIZ	Hauti 23.29 193 eP	P	P	16 06 34.5 +0.1	
HIZ	comp=Z,560nm,1.3s	LR	LR	16 06 50.0 +1.2	
BKZ	comp=Z,27µm,21.0s	PFAKE	LR	16 06 50.0 +1.2	
BKZ	Black Stump Fm 23.62 189 PFAKE	LR	LR	16 06 50.0 +1.2	
TWVZ	Tauwera 23.71 191 ePN	P	P	16 06 37.8 -0.8	
BFZ	Birch Farm 25.14 189 PFAKE	LR	LR	16 07 00.0 +8.3	
BFZ		LR	LR		
LHI	comp=Z,31µm,20.0s	P	P	16 06 57.9 +2.5	
LHI	Lord Howe Isla baz=26	P	P	16 06 57.9 +2.5	
LHI	Lord Howe Isla 25.54 228 PFAKE	LR	LR	16 07 10.0 +1.5	
SNZO	South Karori 26.01 191 PFAKE	LR	LR	16 07 10.0 +1.0	
SNZO		LR	LR		
THZ	Tophouse 26.82 194 eP	P	P	16 07 02.1 -4.9	
THZ	comp=Z,69nm,1.0s	LR	LR		
THZ	comp=Z,27µm,18.0s	LR	LR		
DSZ	Denniston Nort 27.08 196 ePN	P	P	16 07 07.4 -1.8	
KHZ	Kahutara 27.31 192 eP	P	P	16 07 07.9 -3.3	
KHZ	comp=Z,57nm,1.0s	LR	LR		
XMAS	Kiritimati 27.56 52 PFAKE	LR	LR	16 07 30.0 +1.6	
XMAS		LR	LR		
LTZ	Lake Taylor 27.94 194 ePN	P	P	16 07 15.1 -1.9	
PPT2	Papeete2 28.00 98 eP	P	P	16 07 18.4 +0.6	
PPT2	comp=Z,226nm,1.5s	eS	S	16 11 58.7 -3.2	
PPT2	comp=Z,3µm,26.5s	eLQ	LQ	16 13 11.3	
PPT2	comp=Z,29µm,29.5s	eLQ	LQ	16 13 11.3	
PPT2	comp=Z,38µm,26.8s,baz=263	eLR	LR	16 14 16.8	
PPT	Papeete 28.00 98 P	P	P	16 07 18.7 +0.9	
PPT	comp=Z,46nm,0.9s,baz=355,slow=6.2,SNR=6.7	LR	LR	16 15 32.5	
PPT	comp=Z,9µm,9.5s,baz=267,slow=30	LR	LR		
PPT	Papeete 28.00 98 eP	P	P	16 07 17.6 -0.2	
PPT	Papeete 28.00 98 eP	P	P	16 07 17.6 -0.2	
TIAR	Tiarei 28.22 98 eP	P	P	16 07 20.1 +0.4	
TXO	comp=Z,59nm,1.5s	eP	P	16 07 21.0 +0.4	
OVZ	Oxford 28.51 194 PN	P	P	16 07 20.0 -2.0	
OXZ	Oxford 28.51 194 eP	P	P	16 07 18.3 -3.7	
OXZ	comp=Z,262nm,1.7s	LR	LR		
TBI	Tubuai 28.57 110 eS	S	S	16 12 06.2 -4.3	
TBI	comp=Z,5µm,26.5s	eLQ	LQ	16 13 20.0	
TBI	comp=Z,15µm,34.0s	eLR	LR	16 14 32.9	
MOZ	McQueen's Vall 28.73 193 PFAKE	LR	LR	16 07 40.0 +1.6	
MOZ		LR	LR		
RPZ	Rata Peaks 29.12 195 P	P	P	16 07 26.7 -0.7	
RPZ	comp=Z,7.0nm,0.7s,baz=346,slow=3.9,SNR=5.6	LR	LR	16 18 40.5	
RPZ	comp=Z,17µm,18.4s,baz=12,slow=36	LR	LR	16 07 25.3 -2.1	
RPZ	Rata Peaks 29.12 195 eP	P	P	16 07 27.6 -1.2	
RPZ	comp=Z,110nm,1.3s	PN	P	16 07 30.9 +0.4	
FOZ	Fox Glacier 29.28 197 PN	P	P	16 07 31.6 -1.3	
MEH	Meheta 29.44 98 eP	P	P	16 07 31.8 -1.1	
EIDS	Eidsvoild 29.71 246 P	P	P	16 07 31.8 -1.1	
EIDS	Eidsvoild 29.71 246 eP	P	P	16 07 31.8 -1.1	
EIDS	comp=Z,76nm,1.3s	LR	LR		
EIDS	comp=Z,13µm,18.0s	LR	LR		
PMOR	Pomarioiro Res 29.76 93 eP	P	P	16 07 34.0 +0.6	
VAH	Vaihoo 30.00 93 eP	P	P	16 07 35.8 +0.3	
JCZ	Jackson Bay 30.07 198 PN	P	P	16 07 34.6 -1.4	
ODZ	Otauhu Downs 30.46 195 PFAKE	LR	LR	16 07 50.0 +1.1	
ODZ	comp=Z,17µm,22.0s	LR	LR		
WKZ	Wanaka 30.70 197 PN	P	P	16 07 39.1 -2.3	
WKZ	Wanaka 30.70 197 eP	P	P	16 07 38.4 -2.9	
WKZ	comp=Z,206nm,1.1s	LR	LR		
ARMA	Armidade 30.74 237 P	P	P	16 07 42.5 +0.4	
ARMA	Armidade 30.74 237 eP	P	P	16 07 42.4 +0.4	
ARMA	comp=Z,71nm,1.4s	LR	LR		
MLZ	Mavora Lakes 31.45 198 PN	P	P	16 07 47.2 -0.8	
DCZ	Deep Cove 31.83 199 PN	P	P	16 07 50.1 +1.2	
DCZ	Deep Cove 31.83 199 eP	P	P	16 07 49.4 -1.9	
DCZ	comp=Z,112nm,1.0s	LR	LR		
WHZ	Wether Hill Ro 31.98 198 PN	P	P	16 07 51.3 -1.3	
WHZ	Wether Hill Ro 31.98 198 eP	P	P	16 07 51.2 -1.4	
WHZ	comp=Z,901nm,1.3s	LR	LR		
RMQ	Roma 32.00 245 P	P	P	16 07 49.0 -4.1	
MGCD	Mangrove Creek 32.25 232 P	P	P	16 07 55.8 +0.6	
APZ	The Paps 32.82 197 PN	P	P	16 07 58.2 -1.8	
CTA	Charters Tower 33.50 257 P	P	P	16 08 05.9 -0.4	
CTAO	Charters Tower 33.50 257 eP	P	P	16 08 05.0 -1.3	
CTAO	comp=Z,170nm,1.6s	ePmax	Pmax		
CTAO	Charters Tower 33.50 257 eP	P	P	16 08 05.0 -1.3	
CTAO	comp=Z,166nm,1.6s	LR	LR		
JOHN	Johnston Islan 33.61 16 PFAKE	LR	LR	16 08 20.0 +1.3	
JOHN		LR	LR		
PMG	Port Moresby 33.82 277 LR	LR	LR	16 18 37.2	
PMG	comp=Z,11µm,21.3s,baz=9,slow=31	LR	LR	16 08 07.7 -1.4	
PMG	Port Moresby 33.82 277 eP	P	P	16 08 07.7 -1.4	
PMG	comp=Z,110nm,1.4s	P	P	16 08 07.7 -1.4	
PMG	Port Moresby 33.82 277 eP	P	P	16 08 07.7 -1.4	
PMG	comp=Z,112nm,1.4s	P	P	16 08 07.7 -1.4	
CNB	Canberra Magne 34.46 230 P	P	P	16 08 14.0 -0.6	
CAN	Canberra 34.73 230 eP	P	P	16 08 17.0 +0.1	
CAN		ePmax	Pmax		
CAN	comp=Z,80nm,1.3s	P	P	16 08 16.3 -0.6	
CAN	Canberra 34.73 230 P	P	P	16 08 17.0 +0.1	
CAN	comp=Z,80nm,1.3s	LR	LR		
CAN	Canberra 34.73 230 eP	P	P	16 08 22.5 +0.2	
MTSU	Mount Surprise 35.34 261 P	P	P	16 08 22.5 +0.2	
CMSA	Cobar Meteorol 35.92 238 P	P	P	16 08 25.9 -1.1	

2010 DEC

QLP	baz=36	35.99 246 P	P	P	16 08 27.0 -0.8	
QLP	Quilpie baz=36					
MANU	Manus Island 36.06 289 eP	P	P	16 08 27.4 -1.1		
MANU	comp=Z,141nm,1.2s	LR	LR			
COEN	comp=Z,15µm,22.0s	36.79 268 P	P	P	16 08 33.3 -1.5	
COEN	Coen baz=37					
COEN	Coen comp=Z,48nm,1.1s	36.79 268 eP	P	P	16 08 33.2 -1.5	
COEN		LR	LR			
WAKE	comp=Z,7µm,20.0s	37.72 337 PFAKE	LR	LR	16 08 50.0 +7.6	
WAKE	Wake Island baz=37					
TOO	Toolangi 38.25 229 P	P	P	16 08 46.9 0.0		
STKA	Stevens Creek 39.37 239 P	P	P	16 08 55.4 -0.9		
STKA	comp=Z,7.4nm,0.9s,baz=71,slow=8.1,SNR=79	S	S	16 14 50.3 -7.0		
STKA		S	S			
STKA	comp=Z,1.4nm,0.8s,baz=148,slow=9.5,SNR=2.0	LR	LR	16 23 42.4		
STKA	Stevens Creek 39.37 239 P	P	P	16 08 55.4 -0.9		
STKA	Stevens Creek 39.37 239 P	P	P	16 14 50.3 -7.0		
STKA	Stevens Creek 39.37 239 P	P	P	16 08 56.4 +0.1		
STKA	Stevens Creek 39.37 239 P	P	P	16 08 55.4 -0.9		
STKA	Stevens Creek 39.37 239 P	P	P	16 14 50.3 -7.0		
MOO	Moorlands 39.41 221 P	S	S	16 08 55.8 -0.6		
TAU	Tasmania Unive 39.58 220 eP	P	P	16 08 57.2 -0.6		
TAU	comp=Z,109nm,1.4s	ePmax	MLR	MLR		
TAU		MLR	MLR			
TAU	comp=Z,16µm,20.0s	39.58 220 eP	P	P	16 08 57.2 -0.6	
TAU	Tasmania Unive comp=Z,109nm,1.4s					
TAU		LR	LR			
TAU	comp=Z,16µm,20.0s	39.75 257 P	P	P	16 08 58.5 -1.1	
QIS	Mount Isa baz=40					
ARPS	Mount Arapiles 40.64 231 P	P	P	16 09 05.8 -0.9		
RKT	Rikitea 41.80 107 eS	S	S	16 15 29.1 -4.6		
RKT	comp=Z,3µm,27.0s	eLQ	LQ	16 18 54.6		
RKT	comp=Z,13µm,32.0s	eLR	LR	16 20 41.4		
RKT	comp=Z,31µm,28.8s,baz=275	eLR	LR	16 20 41.4		
UWE	Uwekahuna 41.95 34 PFAKE	LR	LR	16 09 30.0 +1.2		
UWE		LR	LR			
KEKH	Kekaha 41.96 27 PFAKE	LR	LR	16 09 30.0 +1.2		
KEKH		LR	LR			
POHA	Pohakuloa 42.10 34 PFAKE	LR	LR	16 09 30.0 +1.1		
POHA		LR	LR			
HON	Honolulu 42.17 30 PFAKE	LR	LR	16 09 30.0 +1.1		
HON		LR	LR			
HPAH	Hawaii Prepara 42.24 33 PFAKE	LR	LR	16 09 30.0 +1.0		
HPAH		LR	LR			
KIP	Kipapa 42.25 29 PFAKE	LR	LR	16 09 30.0 +1.0		
KIP		LR	LR			
OPA	comp=Z,16µm,20.0s	42.48 29 PFAKE	LR	LR	16 09 30.0 +8.1	
OPA		LR	LR			
HLK	Haleakala 42.55 32 PFAKE	LR	LR	16 09 40.0 +1.7		
HLK		LR	LR			
BBOO	Buckleboo 44.14 239 P	P	P	16 09 34.2 -1.2		
BBOO	Buckleboo 44.14 239 eP	P	P	16 09 34.3 -1.0		
BBOO	comp=Z,156nm,1.1s	LR	LR			
WB2	Warramunga Arr 44.69 258 PFAKE	LR	LR	16 09 50.0 +1.0		
WB2		LR	LR			
WRAB	Tennant Creek 44.70 258 d/P	P	P	16 09 38.2 -1.8		
WRAB	comp=Z,65nm,1.0s	ePmax	Pmax			
WRAB	comp=Z,17µm,16.0s	MLR	MLR			
WRAB	Tennant Creek 44.70 258 P	P	P	16 09 38.2 -1.8		
WRAB	comp=Z,306nm,1.4s,SNR=10	eP	P	16 09 38.1 -1.8		
WRAB	Tennant Creek 44.70 258 eP	P	P	16 09 38.1 -1.8		
WRAB	comp=Z,117nm,1.3s	LR	LR			
WRA	Warramunga Arr 44.71 258 P	P	P	16 09 37.7 -2.4		
WRA	comp=Z,21nm,0.9s,baz=88,slow=8.0,SNR=106	S	S	16 16 07.2 -9.3		
WRA	comp=Z,0.4nm,1.0s,baz=95,slow=19,SNR=3.5	LR	LR	16 28 17.9		
WRA	Warramunga Arr 44.71 258 P	P	P	16 09 37.9 -2.2		
WRA	comp=Z,8µm,18.4s,baz=85,slow=36	ePmax	Pmax			
WRA	Warramunga Arr 44.71 258 P	P	P	16 09 37.7 -2.4		
WRA	comp=Z,21nm,0.9s	S	S	16 16 07.2 -9.3		
WRA	Warramunga Arr 44.71 258 P	P	P	16 09 37.7 -2.4		
WRA	comp=Z,21nm,0.9s	S	S	16 16 07.2 -9.3		
ASO1	Alice Springs 45.01 252 P	P	P	16 09 40.4 -2.1		
AS31	Alice Springs 45.01 252 ePFAKE	LR	LR	16 09 50.0 +7.1		
AS31		LR	LR			
ASAR	Alice Springs 45.06 252 P	P	P	16 09 41.1 -1.7		
ASAR	comp=Z,200nm,19.0s	S	S	16 16 17.7 -3.9		
ASAR	comp=Z,79nm,0.9s,baz=83,slow=6.8,SNR=298	S	S	16 16 17.7 -3.9		
ASAR	comp=Z,0.3nm,1.0s,baz=128,slow=18,SNR=2.6	LR	LR	16 27 17.0		
ASAR	comp=Z,12µm,19.6s,baz=92,slow=34	P	P	16 09 41.2 -1.7		
ASAR	Alice Springs 45.06 252 P	P	P	16 16 17.7 -3.9		
ASAR	Alice Springs 45.06 252 P	P	P	16 09 41.1 -1.7		
ASAR	Alice Springs 45.06 252 P	P	P	16 16 17.5 -3.9		
PTCN	Pitcairn Islan 46.32 110 PFAKE	LR	LR	16 10 10.0 +1.7		
PTCN		LR	LR			
GUMO	Guam 46.34 307 PFAKE	LR	LR	16 10 00.0 +7.1		
GUMO		LR	LR			
KDU	Kakadu 47.28 267 P	P	P	16 09 58.9 -1.5		
MTN	Manton Dam 48.54 267 P	P	P	16 10 08.8 -1.3		
MTN	Manton Dam 48.54 267 eP	P	P	16 10 08.6 -1.6		
MTN	comp=Z,103nm,1.1s	LR	LR			
SAUI	Saumlaki 49.38 273 eSP	sP	sP	16 10 23.1 -0.1		
SAUI		LR	LR			
FAKI	Fak Fak 49.86 280 PFAKE	LR	LR	16 10 30.0 +1.0		
FAKI		LR	LR			
WRKA	Warakura 50.18 250 P	P	P	16 10 21.2 -1.5		
KNRA	Kununurra 50.38 263 P					

REDW	Red Top Meadow	85.50	43	eP	P	16 14 05.6	+0.7
REDW	comp=Z,113nm,1.3s				LR	LR	
BLMT	Blacktail Moun	85.51	37	P	P	16 14 05.0	+0.2
HHC	Hu-ho-hao-te	85.58	314	eP	P	16 14 05.4	+0.3
HHC	comp=Z,20nm,1.1s				SS	SS	
HHC	comp=Z,340nm,6.1s				PMZ	PMZ	
HHC	comp=Z,1µm,17.2s				LN	LN	
HHC	comp=Z,2µm,17.1s				LE	LE	
LRM	Limekiln Ridge	85.61	40	eP	P	16 14 06.7	+1.4
SNOW	Snow King Moun	85.61	43	eP	P	16 14 06.7	+1.3
SNOW	comp=Z,4µm,21.0s				LR	LR	
MAW	Mawson	85.69	200	P	P	16 14 04.8	-0.3
MAW	comp=Z,18nm,0.9s,baz=112,slow=6.5,SNR=13						
MAW	comp=Z,5µm,21.4s,baz=112,slow=32						
MAW	comp=Z,20nm,1.4s				PMZ	PMZ	
TLIG	Tiapa	85.70	71	eP	P	16 14 07.8	+1.6
TLIG	comp=Z,3µm,18.0s				LR	LR	
MOOW	Moose Ponds	85.74	42	eP	P	16 14 07.0	+0.9
MOOW	comp=Z,30nm,1.3s				LR	LR	
LOHW	Long Hollow	85.77	43	eP	P	16 14 07.1	+0.9
LOHW	comp=Z,91nm,1.5s				LR	LR	
QLMT	Earthquake Lak	85.79	41	eP	P	16 14 08.2	+2.0
O20A	White River Ci	85.87	46	P	P	16 14 08.5	+1.7
O20A	White River Ci	85.87	46	eP	P	16 14 07.2	+0.4
O20A	comp=Z,6µm,18.0s				LR	LR	
S22A	4UR Ranch, Cre	85.91	49	P	P	16 14 08.6	+1.5
S22A	4UR Ranch, Cre	85.91	49	eP	P	16 14 09.5	+2.4
S22A	comp=Z,107nm,1.3s				LR	LR	
FLWY	Flagg Ranch	85.92	42	eP	P	16 14 08.6	+1.7
FLWY	comp=Z,89nm,1.3s				LR	LR	
YFT	Old Faithful	86.00	42	eP	P	16 14 10.3	+3.0
YFT	comp=Z,59nm,1.3s				LR	LR	
YMR	Madison River	86.01	41	eP	P	16 14 09.0	+1.6
BOZ	Bozeman (W)	86.03	40	eP	P	16 14 09.5	+2.1
BOZ	Bozeman (W)	86.03	40	P	P	16 14 20.7	+2.0
BOZ	Bozeman (W)	86.03	40	eP	P	16 14 07.7	+0.3
BOZ	comp=Z,61nm,1.5s				LR	LR	
BOZ	comp=Z,10µm,20.0s				LR	LR	
BW06	Boulder Array	86.09	44	eP	P	16 14 08.9	+1.1
BW06	comp=Z,91nm,1.2s				LR	LR	
PDAR	Pinedale Array	86.09	44	P	P	16 14 08.5	+0.7
PDAR	comp=Z,5.2nm,0.9s,baz=204,slow=3.3,SNR=14				LR	LR	
PDAR	comp=Z,5µm,21.1s,baz=255,slow=31						
PDAR	Pinedale Array	86.09	44	P	P	16 14 08.5	+0.7
H17A	Grant Village	86.14	42	P	P	16 14 08.9	+0.9
H17A	Grant Village	86.14	42	eP	P	16 14 09.9	+1.9
H17A	comp=Z,5µm,21.0s				LR	LR	
CLNS	Chul'man	86.17	333	eP	P	16 14 07.9	+0.3
CLNS	comp=Z,16nm,1.1s				PMZ	PMZ	
CLNS	comp=N,13nm,1.4s				PMZ	PMZ	
CLNS	comp=Z,7.0nm,1.3s				PMZ	PMZ	
YNR	Norris Junction	86.21	42	eP	P	16 14 11.4	+3.0
YNR	comp=Z,45nm,1.3s				LR	LR	
SMCO	Snowmass	86.38	48	PFAKE	LR	LR	16 14 20.0 +1.0
SMCO	comp=Z,4µm,18.0s						
HRY	Holter Researc	86.40	39	eP	P	16 14 10.4	+1.3
HRY	comp=Z,28nm,1.0s						
BTO	Batout	86.54	314	eP	P	16 14 10.2	+0.3
KMI	Kunming	86.58	297	P	P	16 14 10.9	+0.3
KMI	comp=Z,10µm,20.0s				PMZ	PMZ	
KMI	comp=Z,3µm,20.5s				LE	LE	
KMI	comp=Z,4µm,20.5s				LE	LE	
KMI	comp=Z,7µm,22.1s				LZ	LZ	
S29A	Slev Forest Ra	86.64	58	P	P	16 14 11.2	+0.6
SDCO	Great Sand Dun	86.88	49	P	P	16 14 13.3	+1.5
SDCO	Great Sand Dun	86.88	49	eP	P	16 14 12.7	+0.8
SDCO	comp=Z,12nm,1.3s				LR	LR	
SDCO	comp=Z,5µm,20.0s				LR	LR	
228A	UT Block 9, Go	87.03	56	P	P	16 14 13.4	+0.9
429A	Davenport Ranc	87.08	57	P	P	16 14 13.6	+0.9
RLMT	Red Lodge	87.29	42	P	P	16 14 15.1	+1.5
RLMT	Red Lodge	87.29	42	eP	P	16 14 14.1	+0.5
RLMT	comp=Z,60nm,1.4s				LR	LR	
128A	Castleberry Fa	87.30	55	P	P	16 14 14.1	+0.3
329A	Wagon Wheel Ra	87.30	56	P	P	16 14 15.0	+1.2
530A	J-C Ranch, Com	87.36	58	P	P	16 14 14.7	+0.6
T25A	Trinidad	87.45	50	P	P	16 14 15.5	+0.9
T25A	Trinidad	87.45	50	PFAKE	LR	LR	16 14 30.0 +1.5
YAK	Yakutsk	87.53	338	eP	P	16 14 13.4	-0.6
YAK	comp=Z,3µm,21.0s				ePP	ePP	
YAK	comp=Z,10.0nm,1.5s				e	e	
YAK	comp=N,11nm,1.4s				ePPP	ePPP	
YAK	comp=E,10.0nm,1.5s				eS	eS	
YAK	comp=E,10.0nm,1.5s				eSS	eSS	
YAK	comp=E,10.0nm,1.5s				PMZ	PMZ	

YAK	comp=Z,353nm,4.2s						
YAK	comp=N,375nm,3.8s						
YAK	comp=E,374nm,4.2s						
YAK	comp=N,363nm,4.1s						
YAK	comp=E,428nm,3.7s						
YAK	comp=Z,929nm,18.0s						
YAK	Yakutsk	87.53	338	PFAKE	LR	LR	16 14 30.0 +1.6
MSTX	Muleshoe	87.55	54	P	P	16 14 15.3	+0.3
MSTX	Muleshoe	87.55	54	eP	P	16 14 15.9	+1.0
MSTX	comp=Z,30nm,1.2s				LR	LR	
ISCO	Idaho Springs	87.59	48	P	P	16 14 17.4	+2.1
Q24A	Divide	87.60	48	P	P	16 14 15.9	+0.5
Q24A	Divide	87.60	48	PFAKE	LR	LR	16 14 30.0 +1.5
Q24A	Divide	87.60	48	P	P	16 14 16.1	+0.9
Z28A	Tucker Farm, M	87.61	55	P	P	16 14 15.3	0.0
CD2	Chengdu	87.66	303	iP	P	16 14 16.0	+0.5
CD2	comp=Z,3µm,19.9s				sP	sP	
CD2	comp=Z,20nm,1.4s				PP	PP	
CD2	comp=Z,30nm,2.0s				SKS	SKS	
CD2	comp=Z,600nm,10.4s				SS	SS	
CD2	comp=Z,3µm,18.0s				PMZ	PMZ	
CD2	comp=Z,2µm,20.9s				LN	LN	
430A	Baggett Ranch,	87.66	57	P	P	16 14 16.4	+0.8
631A	Perdido Creek	87.74	59	P	P	16 14 16.4	+0.6
N23A	Red Feather La	87.78	46	P	P	16 14 17.4	+1.3
N23A	Red Feather La	87.78	46	PFAKE	LR	LR	16 14 30.0 +1.4
129A	Stewart Farms,	87.79	55	P	P	16 14 16.1	0.0
CM01	Chiang Mai Arr	87.84	290	eP	PP	PP	16 14 16.8 +0.2
CM01	Chiang Mai Arr	87.86	290	P	P	16 14 16.9	+0.2
CMAR	Chiang Mai Arr	87.86	290	P	P	16 14 16.9	+0.2
CMAR	comp=Z,2.1nm,0.9s,baz=104,slow=2.9,SNR=14				LR	LR	16 51 40.7
CMAR	Chiang Mai Arr	87.86	290	P	P	16 14 16.9	+0.2
CMAR	Chiang Mai Arr	87.86	290	P	P	16 14 16.9	+0.2
832A	Faith Ranch, C	87.87	60	P	P	16 14 16.4	-0.1
330A	Mertzong	87.92	57	P	P	16 14 18.5	+1.7
CMMT	Chiang Mai	87.96	290	P	P	16 14 19.4	+2.2
CHTO	Chiang Mai	87.97	290	P	P	16 14 19.5	+2.3
CHTO	Chiang Mai	87.97	290	eP	PMZ	PMZ	16 14 17.7 +0.5
CHTO	comp=Z,124nm,2.6s				MLR	MLR	
CHTO	comp=Z,2µm,20.0s						
CHTO	Chiang Mai	87.97	290	eP	LR	LR	16 14 17.7 +0.5
CHTO	comp=Z,124nm,2.6s						
531A	Rocksprings	88.02	58	P	P	16 14 18.6	+1.4
732A	Laxson Ranch,	88.02	60	P	P	16 14 18.3	+1.1
K22A	Casper	88.08	45	P	P	16 14 18.8	+1.4
K22A	Casper	88.08	45	PFAKE	LR	LR	16 14 30.0 +1.3
229A	Hungry Hill Ra	88.13	55	P	P	16 14 18.0	+0.3
230A	Sterling City	88.13	56	P	P	16 14 18.3	+0.6
431A	Sonora	88.14	58	P	P	16 14 18.6	+0.8
CMAI	Chiangmai2	88.21	291	P	P	16 14 20.9	+2.4
933A	Laredo	88.24	61	P	P	16 14 19.0	+0.8
EGMT	Eagleton	88.25	39	P	P	16 14 18.8	+0.8
EGMT	Eagleton	88.25	39	PFAKE	LR	LR	16 14 30.0 +1.2
EGMT	comp=Z,4µm,22.0s						
PAYG	Puerto Ayora	88.36	90	PFAKE	LR	LR	16 14 30.0 +1.1
833A	Chaparral WMA,	88.36	60	P	P	16 14 19.9	+1.1
632A	Uvalde	88.42	59	P	P	16 14 19.6	+0.5
331A	San Angelo	88.49	57	P	P	16 14 20.3	+0.8
034A	Hebronville	88.56	61	P	P	16 14 20.2	+0.5
733A	Divot King Ran	88.58	60	P	P	16 14 20.1	+0.2
Z30A	Sanderson Ranc	88.59	55	P	P	16 14 20.8	+0.9
EDM	Edmonton	88.61	33	eP	P	16 14 20.8	+1.3
EDM	Edmonton	88.61	33	eP	P	16 14 18.3	-1.2
EDM	comp=Z,80nm,1.4s				LR	LR	
AMTX	Amarillo	88.71	53	P	P	16 14 21.4	+0.9
AMTX	Amarillo	88.71	53	eP	sP	sP	16 14 27.8 +0.5
JCT	Junction City	88.73	58	P	PMZ	PMZ	16 14 22.1 +1.5
JCT	comp=Z,5.0nm,0.6s				MLR	MLR	
JCT	comp=Z,5µm,20.0s						
JCT	Junction City	88.73	58	P	P	16 14 21.4	+0.8
JCT	Junction City	88.73	58	P	P	16 14 22.1	+1.5
JCT	comp=Z,5.4nm,0.6s				LR	LR	
231A	Bronte	88.79	56	P	P	16 14 21.4	+0.6
432A	Mierd	88.86	58	P	P	16 14 22.0	+0.8
934A	Benavides	88.87					

1d 16h

Table with columns: Code, Station Name, Frequency, Bandwidth, Modulation, Power, and other technical details for various stations.

2010 DEC

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Fitzroy Crossi.

ISCJB 01 16:37:23.0, 43.68N, 0.03:7.67E, 0.03, h14km, 3km, Error ellipse: s-maj=4.7km s-min=3.3km az=152.5

GEN 01 16:37:24.9, 43.70N, 7.73E, h9km, ML2.1, LDG 01 16:37:24.3, 43.69N, 7.73E, 1.6km, Mld2.6/3, Mld2.7/12, Error ellipse: s-maj=1.6km s-min=1.2km az=159.0

ROM 01 16:37:25.0, 43.75N, 7.73E, h9km, 1km, Mld2.1/7, Mld2.5/9, Error ellipse: s-maj=4.1km s-min=2.0km az=177.0

ISC 01 16:37:23.2, 43.62N, 0.03:7.72E, 0.02, h15km, 7km, n54, c090/94, Near south coast of France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Seborga, Imperia, Sospel, Rocca Rossa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santa Anna di V, Finale Ligure, La Foret Royal.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Quiliano, Quiliano, La Mourre, La Mourre.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like La Foret Royal, Quiliano, Quiliano, La Mourre.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Fitzroy Crossi.

ISCJB 01 17:07:45.8, 1.5, 30.88S, 0.06:179.4W, 0.2, h400km, mb3.3/3, Error ellipse: s-maj=26.5km s-min=7.7km az=1.6

ISC 01 17:07:47.2, 1.5, 30.88S, 0.06:179.4W, 0.2, h400km, n26, c1818/30, mb3.4/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Matakaoa Point, Te Kaha, Pakihiroa.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Afi Afiamalu, HAZ Te Kaha, Pakihiroa.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ASAK, Asacha, 3.79 213 eP, Pn, 18 30 02.2 +0.1

MOS 01 18:29:05.3;0.6,55.64N;161.14E,h161km,md4.2,1,Error ellipse: s-maj=25.2km s-min=8.2km az=76.5

KRSC 01 18:29:03.9;1.1,55.82N;161.23E,h167km,8km,ML4.1, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ASAK, Asacha, 3.79 213 eP, Pn, 18 30 02.2 +0.1

ASAK Asacha 3.79 213 eP Pn 18 30 02.2 +0.1
ISCJB 01 18:37:14.6;0.5,38.79N;0.02;27.84E;0.03,h1km,5km, Error ellipse: s-maj=3.7km s-min=3.2km az=160.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ASAK, Asacha, 3.79 213 eP, Pn, 18 30 02.2 +0.1

ISCJB 01 18:37:28.8;0.5,48.78N;0.05;155.18E;0.08,h51km, mb3.8/16,MS3.6/1,Error ellipse: s-maj=10.0km s-min=2.8km az=40.1

KRSC 01 18:37:30.2;0.2,48.79N;155.28E,h78km,5km,mb4.9/10 MOS 01 18:37:30.0;1.7,48.86N;155.12E,h67km,mb4.1/5,Error ellipse: s-maj=10.9km s-min=5.0km az=69.9

IDC 01 18:37:34.0;2.6,48.99N;154.90E,h82km,24km,mb3.5/15, mb1.3/8,mb1mx3.6/40,mbtmp3.9/18,MS3.5/2, Ms1.3.5/2,ms1mx2.9/42,Error ellipse: s-maj=18.6km s-min=12.5km az=144.0

ISC 01 18:37:30.1;0.6,48.77N;0.07;155.27E;0.08,h51km,n102, c=68/120,mb3.8/16,3C-22,Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ASAK, Asacha, 3.79 213 eP, Pn, 18 30 02.2 +0.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ASAK, Asacha, 3.79 213 eP, Pn, 18 30 02.2 +0.1

Table with columns for name, SNR, frequency, and other parameters. Includes entries like BANOM Banah, BANOM Banah, BANOM Banah, BANOM Banah, BANOM Veis, etc.

Table with columns for name, SNR, frequency, and other parameters. Includes entries like GNI Garni, GNI Garni, GNI Garni, GNI Garni, GNI Garni, etc.

Table with columns for name, SNR, frequency, and other parameters. Includes entries like BTCH Batrach, BTCH Batrach, BTCH Batrach, BTCH Batrach, BTCH Batrach, etc.

1d 19h

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

2010 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like SANT, THR6, THR6, etc.

40

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

MOS	Moscow	27.45 343	eP	P	20 01 26.0	-2.9
MOS	Moscow	27.45 343	eP	P	20 01 26.0	-2.9
KUBS	Kucevo	27.56 309	eP	P	20 01 28.6	-1.4
HYB	Hyderabad	27.65 111	eP	P	20 01 29.7	-1.4
HYB	Hyderabad	27.65 111	iP	P	20 01 30.0	-1.1
HYB	Hyderabad	27.65 111	eS	S	20 06 15.0	+3.0
DRGR		27.86 315	iP	P	20 01 32.7	0.0
DRGR		27.86 315	iP	P	20 01 32.7	0.0
TIR	Tirane	27.93 302	eP	P	20 01 36.0	+2.7
TIR	Tirane	27.93 302	iP	P	20 01 33.0	-0.3
TIR	Tirane	27.93 302	iP	P	20 01 36.0	+2.7
TIR	Tirane	27.93 302	eP	P	20 01 36.0	+2.7
BZS	Buzias	28.05 312	iP	P	20 01 34.1	-0.3
BZS	Buzias	28.05 312	iP	P	20 01 34.1	-0.3
KOLN	Koldanda	28.07 87	eP	P	20 01 33.9	-1.1
DANN	Dangising	28.09 86	eP	P	20 01 34.9	-0.3
TRUS	Trudej	28.35 308	eP	P	20 01 39.0	+1.9
KURBB	Kurchatov	28.37 37	P	P	20 01 40.5	+0.2
KURBB	Kurchatov	28.37 37	P	P	20 01 40.5	+0.2
KURK	Kurchatov	28.37 37	P	P	20 01 40.6	-0.6
KURK	Kurchatov	28.37 37	P	P	20 01 40.6	-0.6
KURK	Kurchatov	28.37 37	P	P	20 01 40.6	-0.6
KURK	Kurchatov	28.37 37	P	P	20 01 40.6	-0.6
GKN	Gorkha	28.91 86	eP	P	20 01 41.6	-0.8
MK01	Makanchi Array	28.99 46	eP	P	20 01 45.8	+3.1
MKAR	Makanchi Array	28.99 46	eP	P	20 01 42.6	-0.1
MKAR	Makanchi Array	28.99 46	eP	P	20 01 42.6	-0.1
MKAR	Makanchi Array	28.99 46	eP	P	20 04 50.7	-0.3
MKAR	Makanchi Array	28.99 46	eP	P	20 01 42.7	-0.1
MKAR	Makanchi Array	28.99 46	eP	P	20 04 50.7	-0.3
MKAR	Makanchi Array	28.99 46	eP	P	20 01 42.7	-0.1
MKAR	Makanchi Array	28.99 46	eP	P	20 01 42.7	-0.1
TEKS	Tekeris	29.05 309	eP	P	20 01 44.5	+1.1
FGSL	Fruska Gora	29.07 310	eP	P	20 01 43.8	+0.3
KOLS	Kolonickie sedl	29.12 318	eP	P	20 01 44.0	+0.1
KOLS	Kolonickie sedl	29.12 318	eP	P	20 01 44.0	+0.1
KOLS	Kolonickie sedl	29.12 318	eP	P	20 01 44.0	+0.1
KOLS	Kolonickie sedl	29.12 318	eP	P	20 01 44.0	+0.1
KWP	Kalwaria Pacla	29.22 320	eP	P	20 01 44.8	0.0
KWP	Kalwaria Pacla	29.22 320	eP	P	20 01 44.8	0.0
KWP	Kalwaria Pacla	29.22 320	eP	P	20 01 44.8	0.0
DMN	Daman	29.41 87	eP	P	20 01 46.1	-0.8
KKN	Kakani	29.52 86	eP	P	20 01 47.1	-0.7
PKIN	Phulchoki	29.66 86	eP	P	20 01 48.3	-0.9
PKI	Pulchoki	29.68 86	eP	P	20 01 48.4	-1.0
TIP	Timpagrande	29.89 297	iP	P	20 01 52.1	+1.2
TIP	Timpagrande	29.89 297	iP	P	20 01 51.6	+0.8
TIP	Timpagrande	29.89 297	iP	P	20 01 51.6	+0.8
TIP	Timpagrande	29.89 297	iP	P	20 01 51.6	+0.8
STHS	Stebnicka Huta	29.94 319	eP	P	20 01 53.0	+1.8
STHS	Stebnicka Huta	29.94 319	eP	P	20 01 53.0	+1.8
STHS	Stebnicka Huta	29.94 319	eP	P	20 01 53.0	+1.8
GUN	Gumba	30.01 86	eP	P	20 01 51.7	-0.7
PSZ	Piszkesteto	30.07 315	iP	P	20 01 52.1	-0.3
PSZ	Piszkesteto	30.07 315	iP	P	20 01 52.1	-0.3
PKSM	Moragy	30.20 311	iP	P	20 01 53.3	-0.2
PKSM	Moragy	30.20 311	iP	P	20 01 53.3	-0.2
PKSM	Moragy	30.20 311	iP	P	20 01 53.4	-0.1
NIE	Niedzica	30.49 318	eP	P	20 02 05.9	+1.0
NIE	Niedzica	30.49 318	eP	P	20 02 05.9	+1.0
RAMN	Ramite	30.85 87	eP	P	20 01 58.3	-1.4
LANS	Liptovska Anna	30.85 317	eP	P	20 02 00.0	+0.8
LANS	Liptovska Anna	30.85 317	eP	P	20 02 00.0	+0.8
LANS	Liptovska Anna	30.85 317	eP	P	20 02 00.0	+0.8
VYHS	Vyhne	30.95 316	eP	P	20 02 00.4	+0.3
VYHS	Vyhne	30.95 316	eP	P	20 02 00.4	+0.3
VYHS	Vyhne	30.95 316	eP	P	20 02 00.4	+0.3
VYHS	Vyhne	30.95 316	eP	P	20 02 00.4	+0.3
BOK	Bokaro	31.14 93	eP	P	20 02 01.5	-0.5
BOK	Bokaro	31.14 93	eP	P	20 02 01.5	-0.5
BOK	Bokaro	31.14 93	eP	P	20 02 01.5	-0.5
BOK	Bokaro	31.14 93	eP	P	20 02 01.5	-0.5
OJC	Ojcow	31.15 319	eP	P	20 02 01.5	-0.2
OJC	Ojcow	31.15 319	eP	P	20 02 01.5	-0.2
OJC	Ojcow	31.15 319	eP	P	20 02 01.5	-0.2
OJC	Ojcow	31.15 319	eP	P	20 02 01.5	-0.2
VIS	Vishakhapatnam	31.43 106	eP	P	20 02 03.6	-0.9
VIS	Vishakhapatnam	31.43 106	eP	P	20 02 04.8	-0.9
MDRS	Chennai	31.46 116	eP	P	20 02 01.4	-3.5
MDRS	Chennai	31.46 116	eP	P	20 02 01.4	-3.5
MDRS	Chennai	31.46 116	eP	P	20 02 01.6	-1.2
SUW	Suwalki	31.47 327	eP	P	20 02 03.2	-1.2
SUW	Suwalki	31.47 327	eP	P	20 02 03.2	-1.2
SUW	Suwalki	31.47 327	eP	P	20 02 03.3	-1.2
ODAN	Odare	31.56 87	eP	P	20 02 04.5	-1.4
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP	P	20 02 17.0	+1.0
WMQ	Urumqi	31.66 54	eP	P	20 07 23.5	+9.0
WMQ	Urumqi	31.66 54	eP	P	20 12 34.1	-3.9
WMQ	Urumqi	31.66 54	eP	P	20 02 07.5	+1.1
WMQ	Urumqi	31.66 54	eP	P	20 02 13.6	+0.4
WMQ	Urumqi	31.66 54	eP			

1d 22h

NCK	comp=Z,40nm,21.5s,baz=310,slow=31	Nalchik	66.84 308f	eP	P	21 54 55.8 +1.3
NCK	comp=Z,10.0nm,0.9s				pmx	
WALA	Waterloo Lakes	67.03 44	eP	P	21 54 56.2 +0.4	
KIV	Kislovodsk	67.08 309	eP	P	21 54 56.8 +0.7	
KIV	comp=Z,29nm,0.9s				pmx	
KIV	comp=Z,95nm,17.0s				MLR	
KIV	Kislovodsk	67.08 309	eP	P	21 54 57.1 +1.0	
KBZ	Khabaz	67.10 309	P	P	21 54 57.0 +0.9	
KBZ	comp=Z,9.1nm,0.8s,baz=47,slow=4.8,SNR=16				LR	
KBZ	Khabaz	67.10 309	P	P	21 54 57.0 +0.9	
KBZ	comp=Z,9.0nm,0.8s				pmx	
KBZ	comp=Z,4.9nm,18.6s,baz=61,slow=3.9				MLR	
ZEI	Tsey	67.10 308	eP	P	21 54 54.5 -1.9	
ZEI	comp=Z,35nm,0.9s				pmx	
NEY	Neytrino	67.50 309f	eP	P	21 54 59.7 +0.8	
NEY	comp=Z,2.0nm,1.0s				pmx	
NACGM	Naroch	67.78 325	e	P	21 55 02.0 +1.8	
BMO	Blue Mountains	67.90 49	eP	P	21 55 02.5 +1.2	
BMO	comp=Z,3.7nm,2.3s				eP	
SWMT	Swartz Lake	67.98 45	eP	P	21 55 03.0 +1.2	
J08A	Circle Bar Ran	68.18 51	eP	P	21 55 04.3 +1.2	
J08A	comp=Z,9.2nm,0.9s,baz=36,slow=6.2,SNR=15				eP	
GNI	Garni	68.23 305f	eP	P	21 55 05.3 +1.8	
GNI	comp=Z,7.2nm,1.1s				pmx	
SLMT	comp=Z,7.6nm,1.8s				eP	
NB2	NORSAR Subarra	68.41 45	eP	P	21 55 06.3 +1.7	
NB2	comp=Z,0.6nm,0.8s,baz=44,slow=6.5				P	
NB200	NORSAR Array S	68.70 337	eP	P	21 55 06.0 +0.1	
NOA	NORSAR Array B	68.70 337	P	P	21 55 06.0 +0.1	
NOA	comp=Z,9.2nm,0.9s,baz=36,slow=6.2,SNR=15				pmx	
NOA	NORSAR Array B	68.70 337	P	P	21 55 06.1 +0.1	
NOA	comp=Z,8.0nm,0.9s				pmx	
NB002	NORSAR Array S	68.78 337	eP	P	21 55 08.8 +2.4	
AKASG	Malin Array Be	69.62 321	eP	P	21 55 11.5 -0.3	
AKASG	comp=Z,9.0nm,0.8s,baz=44,slow=6.5,SNR=22				eP	
AKASG	Malin Array Be	69.62 321	eP	P	21 55 11.5 -0.3	
AKASG	comp=Z,1.1nm,0.9s				pmx	
AKBB	Malin Array Si	69.62 321	eP	P	21 55 11.5 -0.3	
AKBB	comp=Z,9.0nm,0.8s				pmx	
AKBB	Malin Array Si	69.62 321	eP	P	21 55 11.5 -0.3	
AKBB	comp=Z,9.3nm,0.8s				pmx	
KIEV	Kiev	69.63 321	iP	P	21 55 11.9 +0.1	
KIEV	comp=Z,9.0nm,0.9s				pmx	
KIEV	Kiev	69.63 321	eP	P	21 55 12.1 +0.2	
KIEV	comp=Z,8.8nm,0.8s				pmx	
MFID	Camas Ranch	69.63 49	eP	P	21 55 12.8 +0.7	
MFID	comp=Z,1.5nm,1.5s				eP	
AK11	Malin Array Si	69.66 321	eP	P	21 55 14.2 +2.1	
EGMT	Eagleton	69.80 43	eP	P	21 55 16.1 +3.1	
EGMT	comp=Z,3.7nm,1.5s				eP	
LRM	Limekiln Ridge	69.89 46	eP	P	21 55 14.8 +1.0	
UOSS	Wadi Hillu	70.11 286	eP	P	21 55 14.7 -0.5	
UOSS	comp=Z,7.8nm,0.8s				eP	
DLMT	Dillon	70.11 46	eP	P	21 55 16.2 +1.1	
DLMT	comp=Z,1.8nm,1.4s				eP	
BOZ	Bozeman (W)	70.43 45	eP	P	21 55 18.4 +1.3	
BOZ	comp=Z,2.1nm,1.6s				pmx	
BOZ	Bozeman (W)	70.43 45	eP	P	21 55 18.4 +1.3	
BOZ	comp=Z,2.1nm,1.6s				eP	
NOV1	Mina Array Sit	71.43 55	eP	P	21 55 24.0 +0.6	
NVAR	Mina Array Be	71.43 55	eP	P	21 55 24.0 +0.6	
NVAR	comp=Z,0.9nm,0.7s,baz=295,slow=6.8,SNR=8.3				LR	
NVAR	comp=Z,25nm,21.4s,baz=264,slow=31				LR	
ELK	Elko	71.71 51	eP	P	21 55 24.9 -0.1	
ELK	comp=Z,1.0nm,0.7s,baz=225,slow=8.9,SNR=5.1				eP	
ELK	Elko	71.71 51	eP	P	21 55 24.9 -0.1	
ELK	comp=Z,1.0nm,0.7s				pmx	
RLMT	Red Lodge	72.01 45	eP	P	21 55 28.1 +1.3	
RLMT	comp=Z,2.5nm,1.5s				eP	
MOOW	Nicosee Ponds S	72.18 46	eP	P	21 55 29.0 +1.2	
MOOW	comp=Z,1.2nm,1.4s				eP	
REDW	Red Top Meadow	72.38 47	eP	P	21 55 30.6 +1.6	
REDW	comp=Z,1.4nm,1.4s				eP	
BGU	Big Grass Mts	72.84 50	eP	P	21 55 34.7 +3.0	
BGU	comp=Z,4.4nm,1.2s				eP	
R11A	Troy Canyon, C	73.09 53	eP	P	21 55 33.7 +0.5	
MALT	Malatya	73.16 307	iP	P	21 55 32.5 -1.0	
MALT	Malatya	73.16 307	iP	P	21 55 32.5 -1.0	
HWLT	Hardware Ranch	73.19 49	eP	P	21 55 35.1 +1.4	
HWLT	comp=Z,1.2nm,1.4s				eP	
KWP	Kalwaria Pacla	73.31 323	iP	P	21 55 34.3 +0.2	
KWP	Kalwaria Pacla	73.31 323	iP	P	21 55 34.3 +0.2	
DUG	Dugway	73.45 50	eP	P	21 55 36.6 +1.3	
DUG	comp=Z,2.0nm,1.6s				pmx	
DUG	Dugway	73.45 50	eP	P	21 55 36.6 +1.3	
DUG	comp=Z,2.0nm,1.6s				eP	
BW06	Boulder Array	73.48 47	eP	P	21 55 35.8 +0.3	
PD31	Pinedale Array	73.48 47	eP	P	21 55 35.8 +0.1	
PDAR	Pinedale Array	73.48 47	eP	P	21 55 35.6 +0.1	
PDAR	comp=Z,1.6nm,0.8s,baz=285,slow=2.3,SNR=8.5				LR	
PDAR	comp=Z,2.1nm,2.0s,baz=308,slow=9.6				LR	
BUR04	Bucovina Array S	73.67 321	eP	P	21 55 36.7 +0.3	
BUR04	Bucovina Array S	73.67 321	iP	P	21 55 37.9 +1.6	
BUR04	Bucovina Array S	73.67 321	iP	P	21 55 37.8 +1.5	
KOLS	Kolonicec sedl	74.02 323	eP	P	21 55 39.3 +1.0	
KOLS	comp=Z,1.7nm,1.8s				pmx	
KOLS	Kolonicec sedl	74.02 323	eP	P	21 55 39.3 +1.0	
NLU	North Lily Min	74.03 50	eP	P	21 55 40.4 +1.7	
NLU	comp=Z,4.7nm,1.0s				eP	
STHS	Stebnicka Huta	74.11 324	eP	P	21 55 40.0 +1.2	
STHS	comp=Z,1.1nm,1.6s				pmx	
STHS	Stebnicka Huta	74.11 324	eP	P	21 55 40.0 +1.2	
OJC	Ojcow	74.11 325	eP	P	21 55 39.2 +0.4	
OJC	Ojcow	74.11 325	eP	P	21 55 39.4 +0.6	
OJC	comp=Z,1.9nm,1.1s				eP	
TIRR	Tirgusor	74.40 317	iP	P	21 55 47.4 +6.9	
TIRR	Tirgusor	74.40 317	iP	P	21 55 47.4 +6.9	
NIE	Niedzica	74.51 325	eP	P	21 55 41.1 0.0	
NIE	Niedzica	74.51 325	eP	P	21 55 41.1 0.0	
STKA	Stephens Creek	74.51 325	eP	P	21 55 40.5 -0.7	
STKA	comp=Z,2.6nm,0.9s,baz=20,slow=7.4,SNR=5.0				eP	
STKA	Stephens Creek	74.51 325	eP	P	21 55 40.5 -0.7	
STKA	comp=Z,1.1nm,1.6s				pmx	
BR101	Keşkin Array S	74.95 311	eP	P	21 55 43.5 -0.5	
BR101	Keşkin Array B	74.95 311	eP	P	21 55 43.5 -0.5	
BRTR	Keşkin Array B	74.95 311	eP	P	21 55 46.9 +2.9	
BRTR	comp=Z,1.0nm,0.8s				pmx	
KSP	Ksiaz	75.05 328	eP	P	21 55 45.0 +0.8	
KSP	Ksiaz	75.05 328	eP	P	21 55 45.0 +0.8	
LANS	Liptovska Anna	75.07 325	eP	P	21 55 45.9 +1.5	
LANS	Liptovska Anna	75.07 325	eP	P	21 55 45.9 +1.5	
OKC	Ostrava-Krasne	75.09 326	eP	P	21 55 45.7 +1.3	
OKC	Ostrava-Krasne	75.09 326	eP	P	21 55 45.7 +1.3	
P17A	Butcher Ranch	75.11 50	eP	P	21 55 46.2 +1.3	
P17A	comp=Z,1.6nm,1.4s				eP	
BR231	Keşkin HP Arra	75.35 311	eP	P	21 55 44.6 -1.7	
RSSD	Black Hills	75.37 43	eP	P	21 55 46.8 +0.4	
RSSD	comp=Z,2.1nm,1.6s				pmx	
RSSD	Black Hills	75.37 43	eP	P	21 55 46.8 +0.4	
RSSD	comp=Z,1.1nm,1.6s				eP	
MORC	Moravsky Berou	75.38 326	iP	P	21 55 47.3 +1.1	
MORC	Moravsky Berou	75.38 326	iP	P	21 55 47.3 +1.1	
MORC	Moravsky Berou	75.38 326	iP	P	21 55 45.9 -0.3	
DPC	Dobruska-Polom	75.42 327	eP	P	21 55 47.5 +1.1	
DPC	comp=Z,1.4s				e	

2010 DEC

DPC	Dobruska-Polom	75.42 327	eP	P	21 55 47.5 +1.1	
DPC	comp=Z,1.4s				eP	
DRGR	DRGR	75.43 322	iP	P	21 55 58.2 -1.3	
DRGR	DRGR	75.43 322	iP	P	21 55 48.7 +2.2	
KRLC	Kraliky	75.46 327	eP	P	21 55 47.5 +0.9	
KRLC	Kraliky	75.46 327	eP	P	21 55 47.5 +0.9	
PFO	Pinyon Flat Ob	75.73 57	LR	LR	22 23 08.5	
PFO	comp=Z,3.7nm,21.9s,baz=300,slow=31				LR	
PSZ	Piszkesteto	75.83 324	iP	P	21 55 51.4 +2.6	
PSZ	Piszkesteto	75.83 324	iP	P	21 55 51.4 +2.6	
PSZ	Piszkesteto	75.83 324	iP	P	21 55 51.1 +2.3	
VYHS	Vyhne	75.84 325	eP	P	21 55 50.1 +1.3	
VYHS	comp=Z,8.0nm,1.5s				pmx	
VYHS	Vyhne	75.84 325	eP	P	21 55 50.0 +1.3	
BRG	Berggiesshubel	75.94 329	eP	P	21 55 51.5 +2.3	
BRG	Berggiesshubel	75.94 329	eP	P	21 55 51.5 +2.3	
BRG	comp=Z,17nm,1.5s				pmx	
CLL	Collm	75.94 330	eP	P	21 55 49.9 +0.7	
CLL	comp=Z,1.2nm,1.0s				pmx	
CLL	Collm	75.94 330	iP	P	21 55 50.0 +0.7	
CLL	comp=Z,1.1nm,1.0s				pmx	
CLL	Collm	75.94 330	eP	P	21 55 49.9 +0.7	
CLL	comp=Z,1.2nm,1.0s				eP	
PVCC	Panska Ves	75.97 328	eP	P	21 55 50.5 +1.0	
PVCC	Panska Ves	75.97 328	eP	P	21 55 50.5 +1.0	
VRAC	Vranov	76.18 326	iP	P	21 55 51.4 +0.9	
VRAC	Vranov	76.18 326	iP	P	21 55 51.4 +0.9	
GROP	Go Peeny, Ondr	76.38 328	eP	P	21 55 53.2 +1.4	
GROP	Go Peeny, Ondr	76.38 328	eP	P	21 55 53.2 +1.4	
PRU	Pruhonic	76.41 328	eP	P	21 55 53.4 +1.4	
PRU	Pruhonic	76.41 328	eP	P	21 56 11.9 +8.2	
PRU	comp=Z,1.9nm,1.6s				eP	
TREC	Trest	76.59 327	eP	P	21 55 53.8 +0.7	
TREC	Trest	76.59 327	eP	P	21 55 53.8 +0.7	
BZS	Buzia	76.81 321	iP	P	21 55 56.5 +2.2	
BZS	Buzia	76.81 321	iP	P	21 55 56.5 +2.2	
PV10	Paradox Valley	76.83 50	eP	P	21 55 57.5 +2.6	
PV10	Paradox Valley	76.83 50	eP	P	21 55 58.1 +2.2	
KHC	Kasperske Hory	77.47 328	eP	P	21 55 57.9 -0.2	
KHC	Kasperske Hory	77.47 328	eP	P	21 55 57.9 -0.2	
KHC	Kasperske Hory	77.47 328	eP	P	21 55 58.	

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

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Table with columns: Station Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like XAN Xi'an, XAN Xi'an, XAN Xi'an, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: RCDM, AML, AML, 02 57 40.4, etc. Includes entries for Cerro Valdivia, Chadas Angostu, Coronel Fontan, Longovilo, MOGNA, Valle Fertil, etc.

ISCJB 02:05:56.2.0.7, 10:79N-0:06:62:26W, 0:04, h99km, 7km, Error ellipse: s-maj=11.3km s-min=5.5km az=158.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes entries for GUVI, TCE, TRN, GUNV, TBH, GRW, BOT, TOSP, ORIV, CUPV, MERV, LUEVA, BAUV, etc.

IDC 02:03:05:16.8.0.5, 22:21S:68:57W, h110km, 7km, mb4.2/11, mb1.4/3.15, mb1mx4.1/27, mbtmp4.5/15, MS3.1/3, Ms1.3.1/3, ms1mx3.0/26, Error ellipse: s-maj=18.6km s-min=14.7km az=11.0

ISCJB 02:03:05:16.3.0.3, 22:06S:0:04:68:59W, 0:04, h115km, 3km, mb4.7/56, Error ellipse: s-maj=8.2km s-min=5.2km az=135.2

NEIC 02:03:05:17.0.22:10S:68:70W, h108km, mb4.8/46, After GUC

NEIC Fail [III] at Tocopilla and [II] at Oficina Maria Elena and Quilagua

SJA 02:03:05:17.4.1.1, 22:22S:68:75W, h116km, 15km, ML3.3, MW4.0

BUI 02:03:05:17.5.22:10S:68:70W, h108km

GUC 02:03:05:17.2.0.7, 22:10S:68:70W, h108km, 9km, ML4.9

ISC 02:03:05:17.0.6.22:17S:0:05:68:62W, 0:07, h117km, 6km, n427, s088/428, mb4.7/56, 2C-4D, Northern Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes entries for LVC, PB06, PB07, PB10, PB11, PSCG, HJA, MNMC, SLA, ASTB, AFSA, AHML, LPAZ, LPAZ, LCO, CFAA, CFAA, SIV, SIV, CPUP, SAML, TRQA, PLCA, PLCA, BDFB, BDFB, PTGA, PTGA, PTGA, RCBR, RCBR, Zaic, 034A, 933A, 736A, 834A, 637A, 440A, 735A, HKT, 736A, 636A, etc.

Main table with columns: 833A, 439A, 734A, 537A, 635A, 340A, 832A, 438A, 733A, 536A, 536A, 339A, 535A, 437A, 732A, 338A, 338A, NATX, 633A, 436A, 337A, 239A, 534A, 632A, 238A, 435A, 336A, OXF, 631A, 237A, 434A, 335A, 532A, 236A, 433A, 334A, JCT, JCT, 137A, 531A, WHT, 136A, 238A, 333A, 432A, WVT, 530A, Z37A, 234A, Y39A, 431A, 332A, Y38A, 233A, Z36A, MIAR, MIAR, 529A, 430A, 331A, TX31, TXAR, 232A, Coleman, 429A, Y37A, SNA, Z35A, 133A, 330A, 231A, X38A, Z34A, X37A, Y35A, W38A, ABTX, ABTX, PBMO, Z33A, 329A, X36A, Y34A, X35A, 131A, 229A, etc.

Main table with columns: Z32A, 130A, V38A, W36A, Y33A, Z31A, X34A, V37A, W35A, 228A, 129A, Y32A, X33A, U38A, V36A, TUL1, TUL1, Z30A, 128A, X32A, U37A, Y31A, WMOK, V35A, Z29A, U36A, Y30A, W33A, V34A, V34A, Z28A, X31A, W32A, T37A, U35A, MNTX, MNTX, X30A, V33A, T36A, W31A, U34A, V32A, T35A, S37A, MSTX, MSTX, U33A, T34A, S36A, V31A, AMTX, U32A, S35A, R37A, T33A, R36A, S34A, Q37A, T32A, Q36A, T31A, R34A, Q35A, 121A, O38A, R33A, S31A, P36A, Q34A, KSU1, O37A, P35A, N39A, R32A, T29A, S30A, BNM, O36A, Q33A, R31A, LPM, P34A, S29A, etc.

Table with columns: ID, Name, Azimuth, Distance, Magnitude, Error, Phase, etc. Includes stations like N37A Lee Faris, Q32A Meitler Ranch, LAZ Ladrone, etc.

Table with columns: ID, Name, Azimuth, Distance, Magnitude, Error, Phase, etc. Includes stations like PV01 Paradox Valley, J31A Geddes, SMC0 Snowmass, etc.

Table with columns: ID, Name, Azimuth, Distance, Magnitude, Error, Phase, etc. Includes stations like HVU Hansel Valley, D25A Fairfield, SYO Sycwa Base, etc.

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Error, Phase, etc. Includes stations like RBAL Rabaul, PMG Port Moresby, etc.

Table with multiple columns containing station identifiers (e.g., YSS, PKDT, PHET), coordinates, and various data points. The table is organized into several vertical sections, with station names and their corresponding data values listed in columns.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AAK Ala-Archa, AAK BHJ Bhuj, AAK Sufi-Kurgan, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MRIV Mauritus Mete, INK Inuvik, JCC Jacoby Creek, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ISA Isabella, MTUM Tungsten Hills, MWC Mount Wilson, etc.

2d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes entries like TUQ, GMRC, BC3, MFID, R11A, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes entries like SRU, EGMT, P18A, VNA3, etc.

60

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other details. Includes entries like KBZ, DAMY, H26A, KIV, etc.

D30A	Buchanan	108.91	42	P	PKIKP	03 30 36.5 +0.5	M33A	Taylor Creek F	111.09	48	P	PKIKP	03 30 39.9 -0.5	V36A	Jenks	113.08	54	P	PKIKP	03 30 44.9 +0.6
E30A	Jud	108.93	43	P	PKIKP	03 30 36.0 0.0	433A	Art	111.12	60	P	PKIKP	03 30 40.7 +0.1	136A	Emmis	113.09	57	P	PKIKP	03 30 44.6 +0.3
C30A	Mose, Pekin	108.97	42	P	PKIKP	03 30 36.0 -0.1	Z33A	Whitaker Ranch	111.12	57	P	PKIKP	03 30 41.4 +0.8	Y36A	Durant	113.09	56	P	PKIKP	03 30 44.8 +0.5
G30A	Faultkon	109.03	44	P	PKIKP	03 30 35.0 -1.3	W33A	Caddo, Fort Co	111.14	55	P	PKIKP	03 30 41.4 +0.8	U36A	Oologah	113.15	53	P	PKIKP	03 30 44.6 +0.2
I30A	Oacoma	109.05	46	P	PKIKP	03 30 36.0 -0.4	Z33A	Rising Star	111.15	58	P	PKIKP	03 30 40.5 -0.2	Z36A	Katherine and	113.15	58	P	PKIKP	03 30 45.9 +1.4
DAG	Danmarks Havn	109.10	357	i/P	PP	03 31 05.1 +1.5	333A	Ricland Sprin	111.15	59	P	PKIKP	03 30 40.9 +0.2	DOOD	Dodoma, Tanzan	113.18	261	i/P	PP	03 31 06.0 +0.8
TRO	Tromso	109.10	344	ePP	PP	03 31 03.7 -0.1	Y33A	Hilltop Ranch,	111.15	56	P	PKIKP	03 30 41.3 +0.7	DOOD	Tulsa	113.18	54	i/P	PP	03 31 03.4 -4.2
J30A	Dallas	109.11	46	P	PKIKP	03 30 35.8 -0.7	X33A	Lawton	111.19	55	P	PKIKP	03 30 41.1 +0.4	TUL1	Tulsa	113.18	54	ePKIKP	PKIKP	03 30 43.9 +1.1
K30A	Basset	109.13	47	P	PKIKP	03 30 36.8 +0.2	B34A	Aery, Baudette	111.28	40	P	PKIKP	03 30 40.4 0.0	TUL1	comp=Z,25um,20.0s	113.28	45	P	PKIKP	03 30 44.6 +0.2
P30A	Selden	109.13	50	P	PKIKP	03 30 37.1 +0.4	D34A	Benson	111.28	42	P	PKIKP	03 30 40.9 +0.4	I37A	Lemond, Waseca	113.28	45	P	PKIKP	03 30 44.1 -0.4
Z30A	Sanderson Ranc	109.16	57	P	PKIKP	03 30 37.2 +0.2	C34A	RKJ Ranch, Bem	111.33	41	P	PKIKP	03 30 40.5 0.0	SPMM	St. Paul	113.37	43	P	PKIKP	03 30 45.5 +1.0
O30A	MW Ranch, Wils	109.19	50	P	PKIKP	03 30 36.7 -0.1	G34A	Wadena	111.43	44	P	PKIKP	03 30 40.3 -0.5	SPMM	St. Paul	113.37	43	ePKIKP	PKIKP	03 30 45.8 +1.2
U30A	WK&E Inc. Balk	109.20	54	P	PKIKP	03 30 37.4 +0.4	H34A	Spellman Lake,	111.47	44	P	PKIKP	03 30 41.3 +0.5	SUMC	Summit	113.39	3	i/P	PP	03 31 35.3 +0.3
530A	J-C Ranch, Com	109.23	60	P	PKIKP	03 30 37.9 +0.7	I34A	Hadley	111.55	45	P	PKIKP	03 30 41.1 0.0	K37A	Belmond	113.42	46	P	PKIKP	03 30 44.1 -0.6
T30A	Plains	109.24	53	P	PKIKP	03 30 37.6 +0.6	M34A	Aspy Farms, Fr	111.56	48	P	PKIKP	03 30 40.9 -0.3	EYMM	Ely	113.45	40	PFAKE	LR	03 31 00.1
X30A	Coker Ranch, T	109.25	56	P	PKIKP	03 30 37.5 +0.4	K34A	Le Mars	111.67	46	P	PKIKP	03 30 41.1 -0.3	R37A	Teagarden Farm	113.50	51	P	PKIKP	03 30 44.5 -0.5
430A	Baggett Ranch,	109.28	60	P	PKIKP	03 30 37.7 +0.4	W34A	Bridge Creek,	111.69	55	ePKIKP	PKIKP	03 30 37.7 -4.9	NACGM	Naroch	113.59	328	eP	Pdf	03 26 35.0 -1.7
330A	Mertzon	109.28	59	P	PKIKP	03 30 36.9 -0.4	W34A	Benson	111.70	53	P	PKIKP	03 30 42.1 +0.5	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 03.0 -4.2
R30A	Dighton	109.28	52	P	PKIKP	03 30 37.9 +0.9	U34A	Anderson Ranch	111.70	53	P	PKIKP	03 30 40.7 -0.9	NACGM	Naroch	113.59	328	ePPP	PPP	03 31 18.0 -1.8
C31A	Landman Farms,	109.44	41	P	PKIKP	03 30 37.0 0.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 40.7 -0.9	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
H31A	Wolsey	109.62	45	P	PKIKP	03 30 37.1 -0.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 41.2 -6.3	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
CBKS	Cedar Bluff	109.63	51	PFAKE	LR	03 30 50.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
K31A	O'Neill	109.76	47	P	PKIKP	03 30 37.7 0.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
L31A	Butterfield Fa	109.78	47	P	PKIKP	03 30 37.9 +0.1	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
KULLO	Kullorsuq	109.78	7	i/P	PP	03 31 09.3 +0.7	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
MOIG	Morelia	109.80	71	PFAKE	LR	03 30 50.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
MOIG	Morelia	109.80	71	PFAKE	LR	03 30 50.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
Y31A	Rekieta Farm,	109.81	56	P	PKIKP	03 30 38.9 +0.8	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
M31A	Lambrecht Ranc	109.82	48	P	PKIKP	03 30 38.1 +0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
R31A	Burdett	109.86	52	P	PKIKP	03 30 38.2 +0.1	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
T31A	Randall Ranch,	109.91	53	P	PKIKP	03 30 38.0 -0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
S31A	Rocksprings	109.92	60	P	PKIKP	03 30 39.3 +0.8	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
V31A	Spring Creek L	109.94	54	P	PKIKP	03 30 38.8 +0.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
631A	Perdido Creek	109.95	61	P	PKIKP	03 30 39.2 +0.7	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
231A	Bronte	109.96	58	P	PKIKP	03 30 39.0 +0.5	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
X31A	McDonald Ranch	109.97	55	P	PKIKP	03 30 38.6 +0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
Z31A	Sharp Cattle R	109.97	57	P	PKIKP	03 30 39.1 +0.7	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
A32A	Rocking H Ranc	109.98	40	P	PKIKP	03 30 38.3 +0.3	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ULM	Lac du Bonnet	110.04	39	PKIKP	PKIKP	03 30 37.8 -0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ULM	Lac du Bonnet	110.04	39	PKIKP	PKIKP	03 30 37.8 -0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ULM	Lac du Bonnet	110.04	39	PKIKP	PKIKP	03 30 37.8 -0.2	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
B32A	Ashes, Strandq	110.08	41	P	PKIKP	03 30 37.8 -0.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
G32A	Webster	110.14	44	P	PKIKP	03 30 38.5 0.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
ANN	Anapa	110.18	316	i/P	Pdf	03 26 38.4 +1.4	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
H32A	Carlson Farm,	110.34	45	P	PKIKP	03 30 38.7 -0.1	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
P32A	Huiting Farm,	110.38	50	P	PKIKP	03 30 39.1 0.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
BGNE	Belgrade	110.42	48	P	PKIKP	03 30 39.7 +0.6	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
BGNE	Belgrade	110.42	48	PFAKE	LR	03 30 50.0	U34A	Anderson Ranch	111.70	53	ePKIKP	PKIKP	03 30 42.8 +1.1	NACGM	Naroch	113.59	328	ePKIKP	PKIKP	03 30 33.0 0.0
BGNE	Belgrade	110.42	48	PFAKE	LR	03 30 50.0	U34A	Anderson Ranch	111.70	53	ePKIKP</									

Table with columns: CMG, 2id, Matias Romero, 115.83, 74, PKKPab, PKKPab, 03 41 24.4 -2.1, etc.

Table with columns: OLIL, OXF, OXF, OXF, OXF, OXF, etc.

Table with columns: VYHS, VYHS, MORC, MORC, MORC, MORC, MORC, etc.

2d 4h

Table with columns for station name, frequency, and various status codes. Includes stations like Sonseca Array, Santo Domingo, Gaviiera, Arco, etc.

2010 DEC

Table with columns for station name, frequency, and various status codes. Includes stations like MORF Marneleite, MORF Monte Pirata, MORF Vila Bisbo, etc.

64

Table with columns for station name, frequency, and various status codes. Includes stations like KIC Kosan Boka, DBIC Dimbokro, DBIC Dimbokro, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like AFI Afiamalu, URZ Urewera, WRA Warramunga Arr, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like MEX 02 04:05:35.9,0.4,18.12N,97.79W, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns for station name, frequency, and various status codes. Includes stations like ASAK Asacha, APC Apacha, APC Apacha, etc.

2d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, ABKAR Abkhal array, MCK McKinley, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARHZ Aropoanui, WMGZ Waomatitani S, CNGZ Carnagh Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Torori Ar. Bea, WSA Warramunga Arr, etc.

ISC/JB 02 06:13:00.4±0.5, 24.04S:0.03-66.82W±0.04, h215km±5km, mb2.9/2, Error ellipse: s-maj=6.9km s-min=5.3km az=155.1

ISC 02 06:13:00.8±1.4, 24.02S:66.62W, h189km±13km, mb2.9/2, mb1 3.7/1, mb1mx3.2/28, mbtm3.7/7. Error ellipse: s-maj=19.8km s-min=19.1km az=22.0

SJA 02 06:13:00.3±1.1, 23.99S:66.70W, h222km±12km, ML3.8, MW3.8

GUC 02 06:13:03.4±0.5, 23.82S:67.15W, h225km

ISC 02 06:13:01.4±0.8, 24.04S:0.05-66.80W±0.05, h208km±7km, n24, ±187/36, ID, Saltas Province

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AVFE comp-Z, 1.6nm, 0.4s, CFAA Coronel Fontan, etc.

ISC/JB 02 06:25:49.4±0.6, 37.75S:0.04-176.45E±0.06, h218km±4km, mb3.2/4, Error ellipse: s-maj=8.5km s-min=6.9km az=30.2

WEL 02 06:25:51.5±0.3, 37.58S:176.51E, h190km±26km, ML4.5/22, Error ellipse: s-maj=1.9km s-min=1.7km az=0.0

NEIC 02 06:25:51.5±1.7, 37.58S:176.51E, h190km, MG4.5(WEL), After WEL

ISC 02 06:25:51.2±1.7, 37.57S:175.57E, h133km±32km, mb3.2/3, mb1 3.4/4, mb1mx3.3/22, mbtm3.7/4, MS3.8/1, Ms1 3.8/1, ms1mx3.4/11, Error ellipse: s-maj=47.3km s-min=19.9km az=143.0

ISC 02 06:25:49.5±0.9, 37.73S:0.06-176.37E±0.06, h210km±6km, n113, ±195/118, mb3.2/4, 9C-24D, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OPRZ Ohinepanea, TARZ Mount Tarawera, TOZ Tahuroa Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALRZ Allen Road, TLZ Tolley Road, MWZ Matawai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OTVZ Otureare, MKZ Matakoao Point, MXZ MXZ, etc.

ISC/JB 02 06:58:02.6±0.5, 8.12S:0.04-119.84E±0.05, h10km, mb4.0/6, Error ellipse: s-maj=7.8km s-min=5.5km az=171.4

ISC 02 06:58:02.5±0.7, 8.08S:119.88E, h0km, mb4.0/7, mb1 4.1/1.1, mb1mx3.9/36, mbtm3.0/11, ML3.5/4, Error ellipse: s-maj=1.7km s-min=1.3km az=80.0

DJA 02 06:58:05.3±0.2, 8.12S:121.0E±0.1, h10km, ML4.5/14, mb5.0/2, mb5.1/1, MLV4.3/10, MLV4.4/14, Mw(m)4.5/1

ISC 02 06:58:03.8±0.8, 8.07S:0.04-119.89E±0.06, h10km, n24, ±191/29, mb4.1/6, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSI Waingapu, BSSi Bau Bau, BSSi Buton, etc.

KRSC 02 07:09:50.9±1.1, 53.37N:161.56E, h25km±17km, ML3.5, Off west coast of Kamohatka Peninsula

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

ISC/JB 02 07:10:06.6±0.9, 3.63N:0.09-94.80E±0.08, h33km, mb3.9/6, MS3.6/1, Error ellipse: s-maj=15.2km s-min=7.9km az=38.5

ISC 02 07:10:09.7±1.6, 3.78N:95.02E, h41km±8km, mb3.6/6, mb1 3.8/7, mb1mx3.4/36, mbtm3.8/7, ML3.6/1, MS3.6/1, Ms1 3.6/1, ms1mx2.9/34, Error ellipse: s-maj=40.7km s-min=11.6km az=38.0

DJA 02 07:10:11.5±1.2, 4.1N±5.9±5E±1.1, h19km±17km, ML4.1/9, mb3.5/12, mb5.5/1, MLV3.9/9, Mw(m)3.6/5.0/1

ISC 02 07:10:08.4±0.2, 3.66N:0.09-94.92E±0.1, h33km, n19, ±189/20, mb4.0/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLSI Meulaboh, SNSI Sinabang, TPTI TPTI, etc.

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

ISC 02 06:35:04.9±37.0, 30.17S:175.70W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/25, mbtm3.7/3, Error ellipse: s-maj=694.1km s-min=176.1km az=98.0, Kermadec Islands region

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

ISC/JB 02 06:58:02.6±0.5, 8.12S:0.04-119.84E±0.05, h10km, mb4.0/6, Error ellipse: s-maj=7.8km s-min=5.5km az=171.4

ISC 02 06:58:02.5±0.7, 8.08S:119.88E, h0km, mb4.0/7, mb1 4.1/1.1, mb1mx3.9/36, mbtm3.0/11, ML3.5/4, Error ellipse: s-maj=1.7km s-min=1.3km az=80.0

DJA 02 06:58:05.3±0.2, 8.12S:121.0E±0.1, h10km, ML4.5/14, mb5.0/2, mb5.1/1, MLV4.3/10, MLV4.4/14, Mw(m)4.5/1

ISC 02 06:58:03.8±0.8, 8.07S:0.04-119.89E±0.06, h10km, n24, ±191/29, mb4.1/6, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSI Waingapu, BSSi Bau Bau, BSSi Buton, etc.

KRSC 02 07:09:50.9±1.1, 53.37N:161.56E, h25km±17km, ML3.5, Off west coast of Kamohatka Peninsula

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

ISC/JB 02 07:10:06.6±0.9, 3.63N:0.09-94.80E±0.08, h33km, mb3.9/6, MS3.6/1, Error ellipse: s-maj=15.2km s-min=7.9km az=38.5

ISC 02 07:10:09.7±1.6, 3.78N:95.02E, h41km±8km, mb3.6/6, mb1 3.8/7, mb1mx3.4/36, mbtm3.8/7, ML3.6/1, MS3.6/1, Ms1 3.6/1, ms1mx2.9/34, Error ellipse: s-maj=40.7km s-min=11.6km az=38.0

DJA 02 07:10:11.5±1.2, 4.1N±5.9±5E±1.1, h19km±17km, ML4.1/9, mb3.5/12, mb5.5/1, MLV3.9/9, Mw(m)3.6/5.0/1

ISC 02 07:10:08.4±0.2, 3.66N:0.09-94.92E±0.1, h33km, n19, ±189/20, mb4.0/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLSI Meulaboh, SNSI Sinabang, TPTI TPTI, etc.

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

ISC 02 06:35:04.9±37.0, 30.17S:175.70W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/25, mbtm3.7/3, Error ellipse: s-maj=694.1km s-min=176.1km az=98.0, Kermadec Islands region

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

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

IDC 02 07:37:11.7,3.9,5.88S:150.03E,h0km,mb3.2/2, mb1 3.6/2,mb1mx3.2/25,mbt3.3/2, Error ellipse: s-maj=156.7km s-min=48.0km az=116.0,New Britain region

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

IDC 02 07:52:35.2,48.0,17.30S:176.12W,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.7/21,mbt3.9/3, Error ellipse: s-maj=904.0km s-min=179.3km az=79.0,Fiji Islands region

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

ISCJB 02 07:56:56.3,1.5,22.8N:0.1,169.8W:0.1,h9km,7km, mb3.5/8, Error ellipse: s-maj=26.6km s-min=7.4km az=149.3

IDC 02 07:56:56.1,1.5,22.8N:0.1,169.8W:0.1,h9km,7km, mb3.5/8, Error ellipse: s-maj=26.6km s-min=7.4km az=149.3

NEIC 02 07:56:59.3,52.83N:169.37W,h2km,ML3.6(AEIC),After AEIC

ISC 02 07:56:57.1,1.6,22.9N:0.1,169.9W:0.07,h5km,10km, n34,c087/34,mb3.6/8,Fox Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NIKH, OKSO, OKWE, MSOM, MSW, MANT, etc.

ISCJB 02 07:58:38.4,0.9,31.95S:0.04,69.63W:0.04, h11km,10km, Error ellipse: s-maj=7.4km s-min=4.3km az=41.2

GUC 02 07:58:38.8,0.4,31.96S:70.01W,h137km,8km,ML3.2 SJA 02 07:58:38.1,1.1,32.02S:69.59W,h106km,8km,ML2.5, MW3

ISC 02 07:58:39.2,1.6,31.95S:0.04,69.64W:0.05, h106km,14km,n19,c050/29,3D,San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RTLS, AUPS, RTCV, etc.

ISC 02 07:58:39.2,1.6,31.95S:0.04,69.64W:0.05, h106km,14km,n19,c050/29,3D,San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROCI, RCDM, TLL, etc.

Table with columns: LSCOH, LNV, AGUA, LCO, VCA. Includes station names and coordinates.

IDC 02 07:59:05.0,7.2,34.57S:112.35W,h0km,mb3.8/2, mb1 3.4/4,mb1mx3.7/25,mbt3.8/2, Error ellipse: s-maj=453.5km s-min=53.5km az=111.0,Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NVAR, PDAR, CMAR, SONM.

DJA 02 08:03:16.9,0.3,12.3S:12.2E,h10km,M3.5/8,MLV3.5/8, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like APSI, LUWI, MRSI, etc.

ISCJB 02 08:28:09.9,0.7,25.41S:0.06,179.6E:0.1,h507km, mb3.6/10, Error ellipse: s-maj=15.3km s-min=7.9km az=178.1

IDC 02 08:28:10.9,3.3,25.53S:179.69E,h513km,36km, mb3.2/10,mb1 3.1/10,mb1mx3.4/37,mbt3.4/13, Error ellipse: s-maj=23.0km s-min=19.2km az=28.0

ISC 02 08:28:10.6,0.7,25.48S:0.08,179.7E:0.1,h507km,n23, c019/27,mb3.6/10,South of Fiji Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HAZ, DZM, PUZ, URZ, etc.

IDC 02 08:37:29.6,4.5,14.79S:128.61E,h0km,mb3.1/1, mb1 3.4/4,mb1mx3.2/29,mbt3.2/4,ML3.0/3, Error ellipse: s-maj=44.5km s-min=22.4km az=169.0,Western Australia

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

GUC 02 08:37:51.8,0.5,33.37S:71.09W,h64km,4km,ML2.8 SJA 02 08:37:51.1,1.1,33.28S:71.27W,h69km,9km,ML2.5, MW2.5

ISCJB 02 08:37:52.5,1.1,33.40S:0.05,71.11W:0.09,h62km,8km, Error ellipse: s-maj=12.8km s-min=7.7km az=27.4

ISC 02 08:37:53.8,1.6,33.41S:0.05,71.10W:0.07,h5km,11km, n10,c092/19,2C-2D,Near coast of central Chile

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

Table with columns: CHCH, CHCH, AUSP, RTLS, AVFE, AVFE. Includes station names and coordinates.

DDA 02 08:38:12.8,39.33N:44.52E,h5km,MD3.1 CSEM 02 08:38:14.7,1.0,39.33N:44.0E,h2km,MD3.1, Error ellipse: s-maj=21.2km s-min=10.4km az=141.0

ISC 02 08:38:15.1,1.8,39.29N:0.06,44.0E:0.07,h11km,9km, n14,c165/25,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CLDR, DYDN, VMUR, etc.

ISK 02 08:52:31.9,38.67N:29.23E,h10km,MD2.8 DDA 02 08:52:31.8,38.69N:29.28E,h7km,MD2.6

ISCJB 02 08:52:30.5,39.68N:0.03,29.25E:0.04,h5km,6km, Error ellipse: s-maj=5.0km s-min=4.3km az=148.7

CSEM 02 08:52:32.4,0.2,38.67N:29.24E,h10km,MD2.6, Error ellipse: s-maj=3.8km s-min=3.0km az=75.0

ISC 02 08:52:32.1,1.0,38.71N:0.03,29.26E:0.03,h7km,10km, n26,c057/43,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GEDZ, KHAL, DEMI, etc.

PGC 02 09:01:38.0,3.5,49.58N:130.37W,h10km,ML3.0/9, MW3.6,244km Wsw of Pt. Hardy, Bc Vancouver Island Region,Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BPBC, HOLB, EDB, etc.

IDC 02 09:02:35.3,2.4,54.17N:87.17E,h0km,mb1 3.6/3, mb1mx3.3/47,mbt3.6/3,ML3.2/3, Error ellipse: s-maj=20.8km s-min=13.7km az=64.0

NNC 02 09:02:42.3,3.6,54.30N:86.60E,h23km,22km,mb4.0, mpv3.5, Error ellipse: s-maj=26.7km s-min=15.6km az=67.0

ISC 02 09:02:37.6,4.0,54.3N:0.2,86.9E:0.2,h10km,n9, c205/15,4C-4D,Southwestern Siberia

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

2d 9h

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like MK31 Makanchi Array, MK31, MKAR Makanchi Array, etc.

GUC 02 09:18:53.0,0.6,24:40S:69:14W,h115km,ML3.6,3C-2D,

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like PB10 IPOC Station P, PB06 IPOC Station P, etc.

ISCJB 02 09:49:29.0,0.3,23:22N,01:02:121:67E,01:02,h30km,2km,

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CHKT Chengkung, CHKT, TW1F Yuli, etc.

Main table for station data, columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TW1F Yuli, EHY Hungye, etc.

2010 DEC

Main table for station data, columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like LAY baz=174, TW1M Shoushan, ENA Nanau, etc.

68

Main table for station data, columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like VRH Novokhopovsk, VRH, VRH, etc.

ICD 02 09:59:14.7,3.4,20:05S:177.75W,h482km,35km, mb3.0,mb1 3.3/6,mb1mp3.9/6,Error ellipse: s-maj=91.1km s-min=18.6km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI Afiamalu, AFI, STKA Stephens Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KAHZ, PNHZ, WAZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, BVAR, WRA, etc.

IDC 02 10:42:25.7-2.9, 5.777S-149.73E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.3/36, mbtimp3.3/4, ML1.1/1, Error ellipse: s-maj=90.7km s-min=39.2km az=114.0, New Britain region

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

IDC 02 10:48:43.8-1.2, 14.74N-147.38E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.7/55, mbtimp3.8/10, ML3.7/1, MS2.7/1, Ms1 2.7/1, ms1mx2.2/30, Error ellipse: s-maj=35.5km s-min=19.8km az=90.0

ISC/JB 02 10:48:46.1-0.8, 14.72N-147.3E:0.1, h27km, mb3.8/9, MS2.5/1, Error ellipse: s-maj=16.9km s-min=10.9km az=42.0

ISC 02 10:48:49.2-1.0, 14.77N-147.3E:0.1, h27km, n11, ms1 2.7/1, ms1mx2.2/30, Error ellipse: s-maj=35.5km s-min=19.8km az=90.0

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

IDC 02 10:50:41.4-1.8, 5.6339S-27.61W, h0km, mb4.0/1, mb1 4.0/1, mb1mx3.7/16, mbtimp4.0/1, Error ellipse: s-maj=99.0km s-min=70.9km az=140.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA2, SNA, etc.

CSEM 02 11:05:02.3, 38.15N-23.53E, h11km, MD2.7, After ATH ATH 02 11:05:02.3, 38.15N-23.53E, h11km, 3km, MD2.7/6, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VILL, WIL2, ATHU, etc.

DDA 02 11:11:02.8, 37.70N-34.67E, h7km, MD2.6, ISK 02 11:11:02.8, 37.70N-34.67E, h7km, MD2.6

CSEM 02 11:11:04.3-0.2, 37.66N-34.74E:0.04, h3km, gkm, Error ellipse: s-maj=6.9km s-min=4.1km az=138.2

ISC 02 11:11:04.3-0.2, 37.66N-34.74E:0.03, h7km, 17km, n23, c048/33, Turkey

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YESY, KOZT, etc.

DDA 02 11:18:37.5, 40.60N-32.98E, h7km, MD2.4, ISK 02 11:18:37.5, 40.60N-32.98E, h7km, MD2.4

CSEM 02 11:18:38.2-0.2, 40.61N-32.99E, h2km, MD2.4, Error ellipse: s-maj=4.5km s-min=3.2km az=9.0

ISC 02 11:18:38.2-0.2, 40.62N-32.99E:0.02, h9km, 11km, n35, c048/52, Turkey

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

CSEM 02 11:19:33.6, 39.40N-27.66E, h9km, MD2.9, After ISK ISK 02 11:19:33.6, 39.40N-27.66E, h9km, MD2.9, Turkey

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

AUST 02 11:27:50.7, 0.51N-133.00E, h60km, ISK/JB 02 11:27:50.7, 0.51N-133.00E:1.1, h10km, mb3.8/2, MS3.4/1, Error ellipse: s-maj=19.8km s-min=14.0km az=42.3

IDC 02 11:27:59.0:1.8, 0.29S-132.66E, h0km, mb3.8/2, mb1 4.0/4, mb1mx3.6/29, mbtimp3.8/4, ML3.8/2, MS3.2/2, Ms1 3.2/2, ms1mx2.6/34, Error ellipse: s-maj=25.4km s-min=18.6km az=169.0

ISC 02 11:28:00.9-1.9, 0.45S:0.1-132.5E:0.2, h10km, n16, c1502/10, Iran Jaya region

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

FITZ	0.0nm,0.3s,baz=226,slow=18,SNR=2.2	S	Sn	11 35 42.3	-11
WRA	Warrungarra Arr 19.50 175 P 0.3nm,0.3s,baz=352,slow=11,SNR=19.5	P	Pn	11 32 29.3	-0.3
WRA	0.0nm,0.3s,baz=358,slow=23,SNR=0.0	S	S	11 35 56.4	-13
ASAR	Alice Springs 23.16 177 P 2.4nm,0.7s,baz=357,slow=11,SNR=28	P	P	11 33 08.6	+0.7
H11N1	WAKE ISLAND Hy 39.16 57 T baz=243,slow=75	T	T	12 17 04.6	
H11N2	WAKE ISLAND Hy 39.16 57 T baz=243,slow=75	T	T	12 17 05.7	
H11N3	WAKE ISLAND Hy 39.18 57 T baz=243,slow=75	T	T	12 17 05.6	
SONM	Songino Array 53.15 338 LR comp=Z,37nm,20.4s,baz=149,slow=36	LR	LR	12 00 15.0	
MKAR	Makanchi Array 64.26 324 P 0.8nm,0.7s,baz=116,slow=6.7,SNR=3.3	P	P	11 38 36.0	-0.4

TRN 02 11:46:28.3, 13:59N-61:07W, h123km, MD3.6, 1C-3D, Windward Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MCLT	Moule a Chique	0.17	46	Op	11 46 43.3	+1.0
SSV	Crater Summit	0.28	205	eP	11 46 47.6	+1.9
SVV	Soufriere Volc	0.30	208	eP	11 46 47.5	+1.8
SVV				eS	11 46 59.5	+0.7
SVB	Beimont	0.36	210	eP	11 46 46.5	+0.5
FCV	Fort Charlotte	0.46	202	eP	11 47 01.0	+1.7
FCV				eS	11 46 47.9	+1.4
BIM	Bigot	0.93	360	eP	11 46 51.1	+1.1
BIM				eS	11 47 08.1	+1.7
TRMF	Trois Ilets	0.94	11	eP	11 46 51.0	+0.9
ZM	Aeronapointe	0.99	21	eP	11 46 51.5	+1.1
LFM	Morne Laupointe	1.06	61	eP	11 46 51.5	+1.0
FDL	Fort de France	1.14	356	eP	11 46 52.9	+0.8
FDL				eS	11 47 10.7	+0.5
CXM	Morne La Croix	1.22	356	eP	11 46 54.0	+0.9
BAMF	Morne Balai	1.22	356	eP	11 46 53.8	+0.8
PCM	Pelee Case Pet	1.23	354	eP	11 46 53.9	+0.9
PCM	Pelee Case Pet	1.23	354	eP	11 46 53.9	+0.9
GRW	Mount Saint C	1.53	202	eP	11 46 58.0	+1.6
GRW				eS	11 47 18.9	+1.0
BGGH	Gun Hill	1.54	107	eP	11 46 57.5	+1.2
BGGH				eS	11 47 19.3	+1.8
TOSP	Speyside	2.33	167	eP	11 47 06.6	+0.5
TOSP				eS	11 47 34.9	-0.3
BOT	Bacolet	2.43	107	eP	11 47 08.3	+1.0
TRN	Trinidad (W)	2.94	186	eP	11 47 15.5	+1.6

B1J 02 12:19:07.9, 52°6'1N, 160°03'E, h70km, mb4.2/5, mB4.8/4
 KRSC 02 12:19:08.7, 1.4, 52°35'N, 159°79'E, h40km, m1.4/1, ML4.1
 ISCB 02 12:19:10.8, 0.5, 52°37'N, 0°04', 159°60'E, 0°06', h61km, 4km, mb4.2/28, Error ellipse: s-maj=8.0km s-min=3.5km az=41.8

MOS 02 12:19:10.6, 1.4, 52°38'N, 159°54'E, h60km, mb4.3/16, Error ellipse: s-maj=9.1km s-min=4.5km az=88.2

NEIC 02 12:19:13.3, 0.8, 52°58'N, 159°38'E, h65km, 7km, mb4.2/2, Error ellipse: s-maj=10.1km s-min=6.3km az=137.0

IDC 02 12:19:15.1, 1.4, 52°53'N, 159°43'E, h82km, 10km, mb3.8/22, mb1.4/0.25, mb1mx3.9/36, mbtmp4.1/25, MS3.4/16, Ms1.3/4/16, ms1mx3.1/56, Error ellipse: s-maj=16.6km s-min=11.0km az=146.0

ISC 02 12:19:11.0, 0.1, 52°59'N, 0°04', 159°66'E, 0°04', h46km, 9km, n142, s164/163, mb4.1/28, MS3.5/16, 2C-3D, Off east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
RUS	Russkaya	0.70	274	iP	12 19 24.3	+0.3
RUS				eS	12 19 34.0	-0.4
RUS	Russkaya	0.70	274	P	12 19 34.0	-0.4
SPN	Mys Shipunski	0.74	17	iP	12 19 24.1	-1.0
SPN				iS	12 19 35.3	-0.1
SPN	Mys Shipunski	0.74	17	P	12 19 24.1	-1.0
SPN				iS	12 19 35.3	-0.1
PET	Petropavlovsk	0.88	316	iP	12 19 26.6	-0.4
PET				eS	12 19 38.6	-0.1
PET	Petropavlovsk	0.88	316	iP	12 19 26.6	-0.4
PET				eS	12 19 37.8	-0.9
PET	comp=Z,4um,1.4s			pmx	pmx	
PET	comp=Z,3um,0.7s			smx	smx	
PET	comp=N,4um,0.6s			smx	smx	
PET	comp=E,5um,0.7s			smx	smx	
PET	Petropavlovsk	0.88	316	P	12 19 26.5	-0.4
UGLR	Uglovaya	0.96	329	iP	12 19 28.1	-0.1
UGLR				eS	12 19 29.2	+2.1
GRL	Gorely	0.98	280	iP	12 19 29.1	+0.6
GRL				eS	12 19 28.3	-0.5
SDLR	Sedlovina	1.00	332	iP	12 19 28.3	-0.5
SDLR				iS	12 19 29.0	+0.1
SDLR	Sedlovina	1.00	332	P	12 19 28.3	-0.5
SDLR				iS	12 19 29.0	+0.1
SMAR	Somma	1.02	330	iP	12 19 28.5	-0.5
SMAR				P	12 19 28.5	-0.5
SMAR	Somma	1.02	330	P	12 19 28.5	-0.5
AVH	Avacha	1.04	328	iP	12 19 28.5	-0.5
AVH				eS	12 19 43.5	+0.9
AVH	Avacha	1.04	328	P	12 19 29.2	-0.0
AVH				eS	12 19 43.5	+0.9
ASAK	Asacha	1.08	270	iP	12 19 29.3	-0.4
KOK	Koryaka	1.09	326	eP	12 19 29.9	-0.1
KOK	Koryaka	1.09	326	P	12 19 29.9	-0.1
KRX	Arik	1.15	328	iP	12 19 30.4	-0.3
KRX				eS	12 19 46.4	+1.1
PETK	Petropavlovsk	1.39	302	iP	12 19 34.7	+0.8
PETK	comp=E, 173nm,0.3s,baz=111,slow=18,SNR=901			S	12 19 53.2	+2.1
PETK	comp=E, 133nm,0.3s,baz=122,slow=19,SNR=12			LR	12 20 11.5	
PETK	comp=E, 727nm, 18.3s,baz=76,slow=47			LR	12 19 34.7	+0.8
PETK	Petropavlovsk	1.39	302	P	12 19 34.7	+0.8
PETK				S	12 19 53.2	+2.1
PETK	comp=Z,173nm,0.3s			pmx	pmx	
PETK	comp=N, 133nm,0.3s			smx	smx	
APC	Apacha	1.61	290	eP	12 19 38.5	+1.6
APC				eS	12 20 00.7	+4.2
APC	Apacha	1.61	290	P	12 19 38.5	+1.6
KIL	Karymskiy	1.65	356	iP	12 19 38.7	+1.1
KIL				eS	12 19 59.9	+2.3
KIL	Karymskiy	1.65	356	P	12 19 38.7	+1.1
KIL				eS	12 19 59.9	+2.3
GAL	Ganally	1.67	322	iP	12 19 38.5	+0.7
GNL	Ganally	1.67	322	P	12 19 38.5	+0.7
PAU	Pauzhetka	1.99	243	iP	12 19 43.8	+1.7
PAU				iS	12 20 09.3	+3.5
PAU	Pauzhetka	1.99	243	P	12 19 43.8	+1.7
PAU				iS	12 20 09.3	+3.5
PAU	Mys Kozlova	2.50	29	eP	12 19 48.7	+0.3
MKZ	Mys Kozlova	2.50	29	P	12 19 48.7	+0.3
MKZ				eS	12 20 17.3	-0.9
MKZ	Mys Kozlova	2.50	29	P	12 19 48.7	+0.3
MKZ				eS	12 20 17.3	-0.9
KZV	Kizimen	2.75	8	eP	12 19 53.6	+0.9
KZV				eS	12 20 27.9	+3.1
SKR	Severo-Kuril's	2.79	234	eP	12 19 53.4	+0.3
SKR				eS	12 20 28.8	+1.2
SKR	Severo-Kuril's	2.79	234	P	12 19 54.0	+0.9
SKR				eS	12 20 24.5	-1.1
SKR	comp=Z,80nm,0.5s			pmx	pmx	
SKR	comp=N,92nm,0.5s			smx	smx	
SKR	comp=E, 510nm,0.5s			smx	smx	
KMNR	Kamenistaya	3.39	6	eP	12 20 04.4	+3.0
KMNR				P	12 20 04.4	+3.0
BZMR	Bezmyannaya	3.58	8	eP	12 20 06.2	+2.1
ESO	Esso	3.59	351	iP	12 20 05.9	+1.9
ESO				iS	12 20 49.8	+4.7
ESO	Esso	3.59	351	P	12 20 05.9	+1.9
ESO				iS	12 20 49.8	+4.7

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ESO	Kopyto	3.60	5	eP	12 20 49.8	+4.7
KPT	Kopyto	3.60	5	P	12 20 07.5	+3.3
KPT				eS	12 20 07.5	+3.3
BZWR	Bezmyanniy-We	3.61	7	eP	12 20 06.7	+2.2
KOZ	Kozyrevsk	3.68	2	eP	12 20 08.1	+2.9
KOZ				P	12 20 08.1	+2.9
KRSR	Krestovskiy	3.87	8	eP	12 20 11.0	+3.0
KRSR	Krestovskiy	3.87	8	P	12 20 11.0	+3.0
SRDR	Sredinnyy	3.93	0	eP	12 20 11.8	+3.0
SRDR				P	12 20 11.8	+3.0
KLY	Klyuchi	4.27	8	eP	12 20 15.6	+2.3
KLY				eS	12 20 59.2	+4.7
KBTR	Krutoberegovo	4.25	25	eP	12 20 14.0	+0.9
KBTR				eS	12 21 03.1	+1.8
KBTR	Krutoberegovo	4.25	25	P	12 20 14.0	+0.9
KBTR				eS	12 21 03.1	+1.8
KBTR	Baidarnaya	4.28	12	eP	12 21 03.1	+1.8
KBTR				P	12 20 17.3	+3.7
SMKR	Semkarok	4.33	13	iP	12 20 17.8	+3.5
SMKR				eS	12 21 04.8	+1.3
SMKR	Semkarok	4.33	13	P	12 20 17.8	+3.5
SMKR				eS	12 21 04.8	+1.3
SMKR	Sorokina	4.36	11	eP	12 20 17.5	+2.8
SMKR				eS	12 21 07.0	+2.3
SMKR	Sorokina	4.36	11	P	12 20 17.5	+2.8
SMKR				eS	12 21 07.0	+2.3
SEY	Seymchan	11.26	343	P	12 21 52.0	+3.0
SEY	comp=E, 0.1nm,0.3s,baz=153,slow=6.8,SNR=2.1			P	12 21 52.0	+3.0
UGL	Ulgorekawa	11.63	260	eP	12 21 52.7	-1.4
UGL				P	12 22 27.4	+0.4
ASAJ	Asahikawa	14.04	241	P	12 22 27.4	+0.4
ASAJ	comp=E, 1.5nm,0.3s,baz=65,slow=10,SNR=16			P	12 22 27.4	+0.4
ASAJ	Asahikawa	14.04	241	P	12 22 27.4	+0.4
ASAJ	comp=Z,2.0nm,0.3s			pmx	pmx	
ASAJ	Asahikawa	14.04	241	P	12 22 27.4	+0.4
ASAJ				eP	12 22 28.0	-5.7
ERM	Erimo	15.24	234	iP	12 22 39.7	-3.2
BILL	Bilibino	16.02	9	P	12 22 54.0	+1.2
BILL	comp=Z,1.0nm,0.8s			pmx	pmx	
BILL	comp=Z,118nm,18.0s			MLR	MLR	
HABR	Khabarovsk	16.13	266	eP	12 22 52.5	-1.8
HABR				eS	12 25 50.2	-1.8
HABR	comp=N,17nm,1.6s			pmx	pmx	
HABR	comp=E,39nm,1.6s			pmx	pmx	
HABR	comp=Z,24nm,1.1s			pmx	pmx	
HABR	comp=Z,112nm,17.0s			MLR	MLR	
KLR	Kul'dur	17.87	271	iP	12 23 16.5	+0.4
YAK	Yakutsk	18.71	313	P	12 23 23.4	-1.8
YAK	comp=Z,0.0nm,0.3s,baz=31,slow=0.9,SNR=2.9			P	12 23 27.2	+1.2
YAK	Yakutsk	18.71	313	P	12 23 27.2	+1.2
YAK	comp=Z,10.0nm,0.8s			pmx	pmx	
YAK	comp=Z,15nm,0.9s			pmx	pmx	
YAK	comp=N,4.0nm,1.1s			pmx	pmx	
YAK	Yakutsk	18.71	313	P	12 23 23.4	-1.8
USRK	Ussuriysk Ar.	20.05	257	LR	12 23 24.6	-1.4
USRK				LR	12 32 02.3	
MJAO	Matsu Arr-Jizo	21.88	232	eP	12 24 01.5	+1.7
MJAO				pmx	pmx	
MJAO	Matsushiro	21.90	232	eP	12 24 00.3	+0.3
MJAO	comp=Z,2.0nm,0.7s			pmx	pmx	
MJAO	Matsushiro	21.90	232	eP	12 24 00.3	+0.3
MAT	Matsushiro	21.90	232	P	12 24 01.0	+1.0
MJAR	Matsushiro Arr	21.90	232	P	12 24 01.2	+1.2
MJAR	comp=Z,3.9nm,0.8s,baz=22,slow=11,SNR=15			LR	12 32 45.4	
MJAR	Matsushiro Arr	21.90	232	P	12 24 01.2	+1.2
M						

Table with columns: ABJI, Asem Bagus, Taliwang, Sumb, BLJI, Banyuglugur, WSI, Waingapu, SPSI, Sidrap Palu. Includes coordinates and other data.

NIED 02 12:37.00, 44:30N, 148:10E, h95km, Mw3.9 Best double couple: Mo7.30000x10^14 Np1.3e6.00000, 844.00000, lambda-90.00000. NP2.0e185.00000, 846.00000, lambda-90.00000.

ISCJB 02 12:37.18.2.0.5, 44:56N, 148:10E, h112km, Mw3.9, h18km, mb3.9/21, Error ellipse: s-maj=7.7km s-min=5.9km az=25.4

MOS 02 12:37:18.1.1.3, 44:65N, 148:14E, h118km, mb4.1/11, Error ellipse: s-maj=10.4km s-min=8.9km az=111.4

SKHL 02 12:37:19.5.0.4, 44:61N, 148:01E, h114km, mb5.3/4, msh5.7/4

IDC 02 12:37:19.6.2.1, 44:65N, 148:09E, h112km, 19km, mb3.7/19, mb1 3.8/23, mb1mx3.7/65, mbtmp4.1, MS2.0/1, Ms1 2.0/1, ms1mx1.8/42, Error ellipse: s-maj=16.0km s-min=12.7km az=150.0

JMA 02 12:37:20.7.0.5, 44:28N, 148:11E, h107km, M4.0

ISC 02 12:37:19.0.0.9, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

Main table for Kuril Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kuril'sk, Shikotan, Nemuro, etc.

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

ASAJ 02 12:37.19.0.0, 44:52N, 148:05E, h114km, Mw3.9, n90, r145/102, mb3.9/21, 2C-1D, Kuril Islands

Main table for 2010 DEC region with columns: YAK, ULN, SONM, etc. Lists stations like Yakutsk, Ulanbaatar, Sonm, etc.

IDC 02 12:37:21.9.1.5, 5:69S, 149:36E, h0km, ML3.9/7, mb1 4.0/8, mb1mx3.7/32, mbtmp3.9/8, ML1.9/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/34, Error ellipse: s-maj=33.6km s-min=25.9km az=140.0, New Britain region

PMG Port Moresby 4.29 210 Op Pn 12 38 29.7 +1.2

GUMO Gum 19.67 347 LR 12 48 21.5

WRA Warramunga Arr 20.34 225 P 12 42 00.2 +0.1

DZM Mont Dzumac 23.20 136 P 12 42 30.3 -0.4

ASAR Alice Springs 23.25 218 P 12 42 31.1 -0.1

BATI Baunata 25.83 258 P 12 42 54.3 -1.0

FITZ Fitzroy Crossi 26.24 240 P 12 42 59.3 +0.3

STKA Stephens Creek 27.04 195 P 12 43 05.7 -0.4

ILAR Eielson Array 84.29 23 P 12 49 56.0 +0.6

BEO 02 12:39:20.8.0.6, 42:22N, 18:90E, h1km, 2km, ML2.5/1 PDG 02 12:39:21.4.0.4, 42:32N, 18:87E, h5km, 1km, MD2.9/5, ML2.9/10, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

CSEM 02 12:39:21.3.0.3, 42:30N, 18:91E, h2km, ML2.9, Error ellipse: s-maj=5.9km s-min=4.1km az=38.0

ISC 02 12:39:21.5.0.9, 42:32N, 18:92E, 0.02, h2km, 8km, n74, r150/113, 2B, C-1D, Northwestern Balkan Peninsula

Code Station Name Az Az2 Phase ID Op ISC Time Res h m s ISC

BUM Brajici-Budva 0.03 223 P P 12 39 21.9 -0.2

Main table for 2010 DEC region (continued) with columns: HCY, ULN, ULN, etc. Lists stations like Ulcinj, Niksic, Trebinje, etc.

ISCJB 02 12:51:05.5.0.6, 6:30S, 0:07, 150:84E, 0:10, h36km, mb4.1/9, MS2.9/4, Error ellipse: s-maj=15.1km s-min=6.9km az=28.2

AUST 02 12:51:07.0.3.6, 6:44S, 151:15E, h30km

IDC 02 12:51:07.1.3.6, 6:28S, 150:81E, h34km, 22km, mb4.1/9, mb1 4.2/10, mb1mx3.8/36, mbtmp4.3/10, ML2.2/1, MS2.9/4, Ms1 2.9/4, ms1mx2.6/38, Error ellipse: s-maj=38.2km s-min=17.9km az=108.0

NEIC 02 12:51:07.8.2.5, 6:32S, 150:94E, h52km, 22km, mb4.1/11, Error ellipse: s-maj=25.9km s-min=16.2km az=104.0

ISC 02 12:51:07.2.1.7, 6:36S, 150:09, 151:0E, 0.1, h36km, n29, r136/32, mb4.1/11, MS2.9/1, New Britain region

Code Station Name Az Az2 Phase ID Op ISC Time Res h m s ISC

RABL Rabaul 4.86 231 Pn 12 52 18.4 +0.6

PMG Port Moresby 4.86 231 Pn 12 52 18.8 +1.0

PMG Port Moresby 4.86 231 Pn 12 52 18.8 +1.0

MANU Manus Island 5.61 320 Pn 12 52 29.8 +1.7

COEN Coen 10.78 225 Pn 12 53 39.4 +0.3

COEN Coen 10.78 225 Pn 12 53 39.4 +0.3

MTSU Mount Surprise 13.39 208 Pn 12 54 17.0 +2.1

CTAO Charters Tower 19.31 256 Pn 12 55 30.5 -0.1

KDU Kakadu 19.31 256 Pn 12 55 30.5 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, WRKA Warakurna, JUNU Nakatsue, etc.

FUNUV 02 12:58:56.0, 6.69N, 73.27W, h167km, MW3.4
ISCJB 02 12:58:57.0, 7.69N, 0.06E, 73.06W, 0.05, h166km, mb3.2/7, Error ellipse: s-maj=8.9km s-min=6.4km az=145.0

ICC 02 12:59:00.7, 3.1, 6.98N, 72.78W, h195km, 35km, mb3.0/7, mbl 3.4/8, mb1mx3.2/27, mbtmp3.5/8, Error ellipse: s-maj=51.1km s-min=17.8km az=72.0

ISC 02 12:58:58.1, 0.9, 6.93N, 0.08E, 73.02W, 0.08, h166km, n21, c0983/29, mb3.1/7, 2C, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like CAPV Capachio, ELOV Elroy, IRVIR Villa del Rosa, etc.

ICC 02 13:07:26.3, 1.6, 1.04N, 126.26E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/36, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=109.1km s-min=22.4km az=67.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISK 02 13:10:07.8, 38.56N, 38.67E, h3km, MD2.7
DDA 02 13:10:08.3, 38.54N, 38.65E, h8km, MD2.7
CSEM 02 13:10:08.6, 0.2, 38.55N, 38.67E, h5km, MD2.7, Error ellipse: s-maj=4.5km s-min=4.1km az=149.0

ISC 02 13:10:09.0, 0.9, 38.55N, 0.02E, 38.66E, 0.02, h11km, 10km, n34, c0964/49, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like ELZG Elazig, SVRC Sivrice-ELAZID, AKCD Akcadag, etc.

ellipse: s-maj=20.5km s-min=8.2km az=88.4
ICC 02 13:30:45.9, 1.0, 11.80N, 44.01E, h0km, mb4.1/14, mb1 4.1/16, mb1mx3.9/59, mbtmp4.0/16, ML3.5/2, MS3.7/25, Ms1 3.7/25, ms1mx3.6/37, Error ellipse: s-maj=21.7km s-min=16.6km az=161.0

ISC/CJB 02 13:30:45.1, 0.5, 11.87N, 0.07E, 44.03E, 0.06, h4km, mb4.3/30, MS3.6/27, Error ellipse: s-maj=11.3km s-min=6.5km az=140.6

NEIC 02 13:30:47.4, 0.7, 11.87N, 44.06E, h10km, mb4.3/2, Error ellipse: s-maj=17.0km s-min=11.9km az=123.0

CSEM 02 13:30:47.7, 0.3, 11.84N, 43.99E, h10km, mb4.7/13, Error ellipse: s-maj=12.9km s-min=8.9km az=129.0

BUJ 02 13:30:55.0, 12.70N, 44.30E, h30km, mb4.5/6, Ms4.7/1, Ms7.4/7/1

ISC 02 13:30:46.8, 0.7, 11.88N, 0.08E, 44.03E, 0.07, h4km, n92, c129/78, mb4.3/30, MS3.6/27, 5C-2D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, KMBO Kitima Mbogo, etc.

ISC 02 13:30:46.8, 0.7, 11.88N, 0.08E, 44.03E, 0.07, h4km, n92, c129/78, mb4.3/30, MS3.6/27, 5C-2D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like MSLS Musul, IDMV Damavand, GNI Ganni, etc.

ISC 02 13:36:38.0, 2.9, 5.80S, 149.86E, h0km, mb3.7/4, mb3.9/5, mb1mx3.6/37, mbtmp3.8/5, ML2.4/1, Error ellipse: s-maj=65.7km s-min=42.1km az=105.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like KIV Kislovodsk, MATP Matopo, PALK Pallekele, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like OBN Obninsk, BOSHA Boshof, GERES Geressey Arr, etc.

ISC 02 13:37:09.8, 41.50N, 36.10E, h14km, MD2.6
ISC/CJB 02 13:37:12.7, 0.5, 41.35N, 0.04E, 35.79E, 0.05, h0km, Error ellipse: s-maj=7.6km s-min=3.5km az=36.1

CSEM 02 13:37:12.9, 0.3, 41.36N, 35.80E, h2km, MD2.5, Error ellipse: s-maj=13.5km s-min=6.4km az=34.0, Mining explosion.

DDA 02 13:37:13.3, 41.29N, 35.86E, h9km, MD2.5
ISC 02 13:37:12.7, 0.8, 41.31N, 0.04E, 35.77E, 0.03, h0km, n24, c1900/33, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 02 13:38:46.8-10.0, 3.34N-126.82E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/49, mbtmp4.0/6, Error ellipse: s-maj=176.7km s-min=163.9km az=100.0, Talaud

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WARRAMUNGA ARR, ASAR Alice Springs, STKA Stephens Creek.

AUST 02 13:54:52.0, 2.75S-155.03E, h25km
ISCJB 02 13:55:08.6-0.9, 4.28S-0.10, 153.32E-0.06, h10km, mb3.8/6, MS2.8/1, Error ellipse: s-maj=14.1km s-min=8.9km az=6.1

IDC 02 13:55:09.0-1.2, 4.08S-153.07E, h0km, mb3.9/5, mb1 4.0/7, mb1mx3.8/34, mbtmp4.0/7, ML1.4/1, MS2.8/3, Ms1 2.9/3, ms1mx2.6/27, Error ellipse: s-maj=38.5km s-min=22.8km az=131.0

NEIC 02 13:55:12.9-1.4, 14S-153.04E, h26km, mb4.1/1, Error ellipse: s-maj=32.7km s-min=13.5km az=166.0
ISC 02 13:55:10.5-1.1, 4.25S-0.1, 153.21E-0.08, h10km, n25, o1945/20, mb4.16, New Ireland region

Main table for 2d 14h section, listing stations like RABUL, PMG, HNR, COEN, etc. with their respective coordinates and parameters.

IDC 02 13:56:52.6-1.2, 39.35N-72.56E, h0km, mb3.5/3, mb1 3.7/6, mb1mx3.5/49, mbtmp3.6/6, ML2.7/2, Error ellipse: s-maj=39.7km s-min=19.0km az=148.0

KRNCT 02 13:56:53.0-1.1, 39.32N-72.45E, h5km, mb3.5, Error ellipse: s-maj=18.1km s-min=7.6km az=176.0
ISC 02 13:56:54.0-0.7, 32.47E-0.04, h10km, n32, o1869/40, mb3.5/3, 21C-12D, Kyrgyzstan

Main table for 2d 14h section, listing stations like SFK, BTK, TOKL, AML, etc. with their respective coordinates and parameters.

Table for 2010 DEC section, listing stations like ULHL, BOOM, USP, TKM2, MKAR, GEYT, AB31, AKTO, ZALV, SONM, TORD, WRA.

SJA 02 13:57:21.5-1.1, 29.71S-68.50W, h10km, 4km, ML3.3, MW3.9, San Juan Province

Table for SJA region, listing stations like AGUA, YCA, AMOG, AVFE, AML, etc.

ISCJB 02 13:57:24.7-0.5, 34.05S-0.05, 70.31W-0.09, h109km, 5km, mb3.7/7, Error ellipse: s-maj=13.7km s-min=5.8km az=23.6

IDC 02 13:57:27.0-2.0, 34.04S-70.12W, h116km, 17km, mb3.5/7, mb1 3.7/11, mb1mx3.6/30, mbtmp3.8/11, Error ellipse: s-maj=25.9km s-min=15.9km az=98.0

GUC 02 13:57:26.1-0.6, 33.96S-70.48W, h110km, 4km, ML4.2, ISC 02 13:57:26.2-0.7, 34.00S-0.05, 70.43W-0.09, h113km, 6km, n22, o1929/32, mb3.7/7, Chile-Argentina border region

Table for GUC region, listing stations like TACH, SAN, RCDM, etc.

ISCJB 02 14:00:30.3-1.5, 20.9S-0.2, 178.5W-0.3, h579km, mb3.6/5, Error ellipse: s-maj=35.5km s-min=25.0km az=19.9

IDC 02 14:00:31.7-0.5, 20.88S-178.39W, h583km, 87km, mb3.0/5, mb1 3.3/6, mb1mx3.0/24, mbtmp4.0/6, Error ellipse: s-maj=52.2km s-min=36.2km az=18.0

ISC 02 14:00:31.1-1.6, 20.9S-0.2, 178.4W-0.3, h579km, n7, o0571/7, mb3.6/5, Fijil Islands region

Main table for 2010 DEC section, listing stations like CLCH, LNV, ROCH, NICH, etc.

ISC 02 14:03:06.4, 38.41N-38.14E, h5km, MD2.3
DDA 02 14:03:07.2, 38.28N-38.14E, h7km, MD2.6

CSEM 02 14:03:07.0-0.7, 38.33N-38.17E, h8km, MD2.6, Error ellipse: s-maj=41.9km s-min=11.3km az=175.0
ISC 02 14:03:07.2-1.4, 38.43N-0.08, 38.12E-0.03, h3km, 20km, n9, o0944/17, Turkey

Main table for 2010 DEC section, listing stations like AKCD, MALT, ELZG, etc.

az=9.0
NEIC 02 14:06:39.9-0.8, 32.29S-179.35W, h10km, mb4.0/1, Error ellipse: s-maj=20.6km s-min=18.1km az=102.0
ISC 02 14:06:44.8-1.0, 32.6S-0.1, 179.5W-0.2, h35km, n15, o1691/15, mb4.3/6, South of Kermadec Islands

Table for NEIC/ISC region, listing stations like RAO, URZ, DZM, STKA, etc.

ISK 02 14:37:20.8, 36.54N-36.36E, h5km, MD2.4
DDA 02 14:37:20.8, 36.60N-36.36E, h7km, MD2.6

CSEM 02 14:37:20.9-0.6, 36.56N-36.38E, h15km, MD2.4, Error ellipse: s-maj=23.4km s-min=7.8km az=107.0
ISCJB 02 14:37:21.2-0.7, 36.56N-0.04, 36.36E-0.10, h9.9km, Error ellipse: s-maj=13.5km s-min=5.0km az=177.7

ISC 02 14:37:20.6-1.1, 36.56N-0.04, 36.40E-0.07, h8km, 9km, n12, o0539/23, Jordan-Syria region

Table for ISK/ISCJB region, listing stations like TAHT, KAMA, HCB, etc.

ISCJB 02 14:46:00.3-1.5, 20.9S-0.2, 178.5W-0.3, h579km, mb3.6/5, Error ellipse: s-maj=35.5km s-min=25.0km az=19.9

IDC 02 14:46:01.1-1.7, 20.88S-178.39W, h583km, 87km, mb3.0/5, mb1 3.3/6, mb1mx3.0/24, mbtmp4.0/6, Error ellipse: s-maj=52.2km s-min=36.2km az=18.0

ISC 02 14:46:01.1-1.6, 20.9S-0.2, 178.4W-0.3, h579km, n7, o0571/7, mb3.6/5, Fijil Islands region

Table for ISCJB region, listing stations like URZ, STKA, ASAR, etc.

ISCJB 02 14:46:23.0-0.5, 35.24N-0.09, 36.38W-0.07, h10km, mb4.3/4, MS4.0/33, Error ellipse: s-maj=13.5km s-min=8.2km az=2.8

IDC 02 14:46:23.8-0.6, 35.22N-36.31W, h0km, mb4.1/22, mb1 4.3/22, mb1mx4.2/40, mbtmp4.1/22, MS3.9/33, MS1 3.9/33, ms1mx3.9/39, Error ellipse: s-maj=16.8km s-min=12.6km az=178.0

NEIC 02 14:46:25.0-0.4, 35.22N-36.36W, h10km, mb4.8/11, Error ellipse: s-maj=12.0km s-min=7.2km az=183.0
ISC 02 14:46:25.1-0.6, 35.2N-0.1, 36.37W-0.08, h10km, n57, o1691/35, mb4.4/34, MS4.0/33, Northern Mid-Atlantic Ridge

Main table for 74 section, listing stations like ESDC, MDT, SCHO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MIAR Mount Ida, ECSD EROS Data Cent, FINES FINES Array B, etc.

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

DDA 02 14:53:42.0, 40.09N:29.32E, h1km, MD2.8, Error ellipse: s-maj=5.0km s-min=3.5km az=136.9

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

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

DDA 02 14:53:42.0, 40.09N:29.32E, h6km, MD2.8, Error ellipse: s-maj=5.0km s-min=3.5km az=136.9

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

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

CSEM 02 16:15:46.9, 2.0, 43.11N:18.77E, h2km, MD2.4, Error ellipse: s-maj=4.3km s-min=2.6km az=114.0

2d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Unac-Piva, Bratogost, Niksic, etc.

ISCJB 02 16:24:03.4+1.1,36:37S:0.05:73:51W:0.09,h27km,10km, mb3.0/2, Error ellipse: s-maj=10.3km s-min=7.5km az=4.0

IDC 02 16:24:03.2+1.1,36:36S:73:00W:h0km,mb3.6/2, mb1 3.6/s,ms1mx3.5/18,mbtmp3.5/s,ML3.4/2,MS2.8/3, ms1 2.9/s,ms1mx2.7/24,Error ellipse: s-maj=71.3km s-min=19.7km az=86.0

GUC 02 16:24:04.9+0.5,36:39S:73:37W,h12km,2km,ML3.9

ISC 02 16:24:04.7+1.5,36:36S:0.06:73:4W:0.1,h27km,n10, 0584/13,1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de C, Cobquecura, Chillan, etc.

ISCJB 02 16:35:29.1+1.4,44:11N:0.09:147:0E:0.1,h80km,10km, Error ellipse: s-maj=20.2km s-min=6.8km az=135.4

SKHL 02 16:35:29.7+0.2,44:08N:147:03E,h84km,2km,mb4.5/4, ms1.5/3

JMA 02 16:35:29.1+0.3,44:08N:147:12E,h76km,M2.5

ISC 02 16:35:29.5+2.2,44:08N:0.10:147:1E:0.1,h79km,15km, n10,0560/17,Kuril Islands

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

2010 DEC

Table with columns: SHO, Station Name, Az, Phase ID, Time, Res. Includes stations like Yuzh-Kuril'sk, Nemz, Kurul'sk, etc.

MAN 02 16:41:27,18:86N:120:65E,h14km,mb4.7,ML3.5,MS3.5, 1D,Luzon

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

GUC 02 16:43:50.1+0.6,36:96S:73:62W,h13km,3km,ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de C, Cobquecura, Chillan, etc.

ISK 02 16:46:50.9,35:07N:30:35E,h14km,MD3.4

CSEM 02 16:46:51.6-0.8,35:21N:30:51E,h2km,MD2.8, Error ellipse: s-maj=24.3km s-min=8.8km az=17.0

DDA 02 16:46:50.7,35:37N:30:54E,h3km,MD2.8, Eastern Mediterranean Sea

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

AUST 02 16:52:56.8+2.9,3:42N:127:78E,h200km, Error ellipse: s-maj=3.8km s-min=1.8km az=353.0

IDC 02 16:53:05.0+4.1,5:7N:126:88E,h118km,54km,mb3.7/4, mb1 3.6/s,ms1mx3.3/41,mbtmp3.9/s, Error ellipse: s-maj=69.1km s-min=19.6km az=73.0

DJA 02 16:53:15.0+1.0,1:1N:6:12E, h121km,7km, M4,0/8, mb4.1/2,MLV3.9/8

ISC 02 16:53:03.8+1.3,2:03N:0.10:127:7E:0.1,h112km,n21, 0548/19,mb4.1/4,Northern Molucca Sea

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

76

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station MKAR Makanchi Array.

DSN 02 17:00:17.4+1.7,30:87N:51:73E,h10km,mb3.2/5,Ms3.8/6, Error ellipse: s-maj=18.4km s-min=15.5km az=132.0

CSEM 02 17:02:29.0+2.0,30:20N:51:85E,h2km,ML3.2,MS3.8, Error ellipse: s-maj=7.5km s-min=3.6km az=89.0

ISC 02 17:02:26.6+1.1,30:46N:0.05:51:7E:0.2,h15km,n12, 0540/13,2C-2D,Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHRAM, Ghir-Karzin, Na'in, etc.

IDC 02 17:00:47.5+1.0,36:59S:73:04W,h0km,mb3.7/5, mb1 4.0/s,ms1mx3.8/25,mbtmp3.7/6,ML3.7/2,MS3.0/5, Ms1 3.0/s,ms1mx2.8/29, Error ellipse: s-maj=40.9km s-min=20.3km az=95.0

ISCJB 02 17:00:50.5+0.7,36:49S:0.05:73:15W:0.08,h25km, mb3.7/4,MS3.0/1, Error ellipse: s-maj=9.0km s-min=6.2km az=17.7

GUC 02 17:00:52.8+0.3,36:62S:73:04W,h34km,2km,ML4.0

ISC 02 17:00:51.8+0.8,36:56S:0.05:72:98W:0.08,h25km,n14, 05103/17,mb3.8/4,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de C, Cobquecura, Chillan, etc.

TALC Talca 1.59 44 eP Pn 17 01 19.0 +0.6

PLCA Paso Flores 4.58 156 Pn 17 02 00.1 +0.6

PLCA comp=E,4.5nm,0.3s,baz=272,slow=17,SNR=2.9

CFAA comp=E,211nm,18.1s,baz=333,slow=39

CFAA comp=E,0.2nm,0.3s,baz=166,slow=14,SNR=6.6

CFAA comp=E,0.4nm,0.3s,baz=4.3,slow=21,SNR=6.2

CFAA comp=E,0.0nm,0.3s,baz=112,slow=19,SNR=3.3

LVC Limon Verde 14.35 15 LR LR 17 09 03.8

CPUP Villa Florida 16.78 57 LR LR 17 12 05.5

LPAZ La Paz 20.65 13 P P 17 05 30.5 +0.2

SIV San Ignacio 23.06 30 P P 17 05 54.7 -0.8

GPSP South Pole Quik 53.68 180 P P 17 10 10.6 -0.6

TXAR Lajitas Array 71.61 332 P P 17 12 11.2 +0.1

NVAR Mina Array Bea 85.56 326 P P 17 13 28.6 +0.7

WRA Warramunga Arr 118.20 99 PKP PKP 17 19 34.8 -2.4

PDG 02 17:02:28.4+0.2,43:12N:18:72E,h5km,3km,MD2.5/2, ML2.4/13, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0

CSEM 02 17:02:28.1+0.3,43:14N:18:73E,h2km,ML2.4, Error ellipse: s-maj=6.5km s-min=3.2km az=113.0

BEO 02 17:02:29.6+0.3,43:11N:18:83E,h2km,4km,ML2.2/6

ISC 02 17:02:28.5+1.0,43:12N:0.02:18:76E:0.03,h7km,7km, n50,0586/85,12C-8D,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Unac-Piva, Bratogost, Niksic, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVY, Plav, IVAS, Ivanjica, etc.

ICD 02 17:09:22.01.2, 26.78N, 66.85E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/4.1, mbtmp3.4/4, Error ellipse: s-maj=41.4km s-min=32.4km az=6.0, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR, TOR, WARR, ASAR.

WEL 02 17:12:01.1-0.3, 35.54S, 178.70E, h212km, gkm, ML3.6/2, Error ellipse: s-maj=8.5km s-min=5.3km az=0.0, Off east coast of North Island

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

MOS 02 17:29:35.8-1.1, 50.25N, 155.58E, h126km, mb4.1/6, Error ellipse: s-maj=13.3km s-min=6.3km az=70.9

ISCJB 02 17:29:36.9-0.7, 50.36N, 155.64E, h0.10, h132km, 4km, mb3.6/14, Error ellipse: s-maj=15.2km s-min=6.2km az=144.4

KRSC 02 17:29:36.5-1.1, 40.99N, 156.80E, h105km, 20km, ML4.3

ICD 02 17:29:40.3-2.6, 51.45N, 157.74E, h145km, 2km, mb3.4/13, mb1 3.6/15, mb1mx3.6/15, mbtmp3.8/15, Error ellipse: s-maj=22.1km s-min=16.4km az=159.0

ISC 02 17:29:37.9-0.8, 50.38N, 155.68E, h0.07, h127km, 5km, n61, n1527/33, mb3.6/14, 3D, Kuril Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, AVH, etc.

Table with columns: BILL, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIXI, H1N2, H1N1, etc.

ICD 02 17:31:57.1+0.8, 1.09N, 125.76E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.7/45, mbtmp3.8/9, ML3.5/2, MS3.2/3, MS1 3.1/3, ms1mx2.5/40, Error ellipse: s-maj=50.6km s-min=15.3km az=65.0

ISCJB 02 17:32:00.8-0.6, 1.36N, 126.40E, 0.09, h39km, mb3.9/9, MS3.1/2, Error ellipse: s-maj=12.9km s-min=8.4km az=158.2

DJA 02 17:32:04.1-1.3, 1.9N, 126.26E, h60km, 12km, mb4.0/2, mb4.5/4, mb4.7/2, MLV4.1/6, Mw(M)B4.0/2

NEIC 02 17:32:04.1-1.2, 1.21N, 126.26E, h60km, 12km, mb4.0/2, Error ellipse: s-maj=15.0km s-min=10.5km az=58.0

ISC 02 17:32:02.6-0.8, 1.30N, 126.08E, h26.9km, 0.06, h39km, n22, n146/20, mb4.0/9, 1C, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKTO, FINES, ARCES, NOA.

ICD 02 17:38:31.2-4.0, 20.79S, 178.34W, h564km, 34km, mb3.3/11, mb1 3.4/12, mb1mx3.2/40, mbtmp4.3/12, Error ellipse: s-maj=49.5km s-min=19.6km az=132.0

ISCJB 02 17:38:32.4-1.7, 20.85S, 178.5W, 0.3, h587km, mb3.8/11, Error ellipse: s-maj=48.2km s-min=15.4km az=137.8

ISC 02 17:38:34.1-3.1, 20.75S, 178.6W, 0.2, h587km, n30, n1507/34, mb3.9/11, 1C-3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, CTA, QLP, PMG, etc.

BUC 02 17:48:31.0-0.5, 45.72N, 26.58E, h33km, 20km, MD1.7/3, 2C-6D, Error ellipse: s-maj=5.6km s-min=2.3km az=324.0, Romania

NSSC 02 17:49:45.3-1.7, 39.26N, 39.88E, h38km, 457km, ML3.4

DDA 02 17:49:55.1, 37.86N, 38.56E, h5km, MD3.4

CSEM 02 17:49:55.8-0.1, 37.85N, 38.62E, h2km, MD3.4, Error ellipse: s-maj=3.7km s-min=3.1km az=132.0

ISK 02 17:49:55.6, 37.85N, 38.60E, h5km, MD3.4

ISC 02 17:49:55.9-1.0, 37.85N, 0.02, 38.59E, 0.02, h6km, 9km, n61, n096/83, Turkey

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

Table with columns: CUKAN, kangal_SIVAS, 1.71 329, P, Pn, 17 50 26.5 +0.2, etc. Includes stations like ANDN Andirin, SARI SarDiz-Kayseri, ERZIN Erzin, etc.

IDC 02 17:59:58.6:28.0, 13:34S:167.36E, h202km, 235km, mb2.9/3, mb1 3.2/3, mb1mx3.0/35, mbtmp3.5/3, Error ellipse: s-maj=231.7km s-min=61.0km az=132.0, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, ILAR, etc.

GUC 02 18:00:00.5:1.2, 22:31S:68.77W, h125km, 14km, ML3.7, Northern Chile

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PB09 IPOC Station P, PB06 IPOC Station P, etc.

UPP 02 18:02:06.6:0.1, 67.07N:20.93E, h0km, ML2.1, Explosion ISCJB 02 18:02:06.2:0.4, 67.04N:0.02:20.98E:0.08, h0km, Error ellipse: s-maj=4.7km s-min=2.8km az=171.9

HEL 02 18:02:07.5:0.1, 67.07N:20.92E, h0km, ML2.2, Explosion IDC 02 18:02:08.5:0.8, 66.99N:21.27E, h0km, mb1 3.4/5, mb1mx3.1/48, mbtmp3.4/5, ML2.3/4, Error ellipse: s-maj=17.1km s-min=8.1km az=105.0

BER 02 18:02:10.3:4.6, 67.00N:21.17E, h0km, ML1.9, ML2.4(NAO), Suspected explosion ISC 02 18:02:07.0:0.8, 67.02N:0.02:20.99E:0.03, h0km, n62, r122/91, Sweden

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ERTU Ertsjaerv, ERTU Ertsjaerv, HARU Harads, etc.

Table with columns: RNF Rovaniemi, RNF Rovaniemi, RNF KTK1, RNF KTK1, etc. Includes stations like KTK1 Kautokeino, SGF Sodankyl, BURU Burvik, etc.

ISCJB 02 18:07:54.4:0.7, 48.0N:0.2:148.2E:0.3, h391km, mb3.2/6, Error ellipse: s-maj=33.2km s-min=11.1km az=44.9

IDC 02 18:07:54.8:1.6, 48.14N:148.07E, h372km, mb2.9/6, mb1 3.1/10, mb1mx2.8/51, mbtmp3.7/10, Error ellipse: s-maj=39.6km s-min=16.1km az=146.0

ISC 02 18:07:55.6:0.8, 48.0N:0.2:148.1E:0.2, h391km, n10, r102/10, mb3.3/6, Northwest of Kuril Islands

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ASAJ Asahikawa, PETK Petropavlovsk, MJAR Matsushiro Arr, etc.

GUC 02 18:09:34.1:0.5, 20:27S:69.22W, h101km, 5km, ML3.8, Northern Chile

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PB11 IPOC Station P, PSCG Pisagua, etc.

Table with columns: PB06 IPOC Station P, 2.45 188, eP, Pn, 18 10 13.4 +0.6, etc.

IDC 02 18:16:17.1:1.5, 1:41S:127.47E, h0km, mb3.4/2, mb1 3.6/5, mb1mx3.4/39, mbtmp3.4/5, ML3.4/3, Error ellipse: s-maj=32.4km s-min=24.7km az=65.0

ISCJB 02 18:16:19.0:0.6, 1:31S:0.06:127.52E:0.05, h25km, mb3.4/2, Error ellipse: s-maj=9.3km s-min=7.6km az=168.3

DJA 02 18:16:20.8:1.0, 1:54S:12.8E, h13km, 10km, M4.0/6, mb5.2/1, mb5.0/1, MLv3.5/6, Mw(MB)4.4/1

ISC 02 18:16:20.5:0.8, 1:36S:0.05:127.50E:0.06, h25km, n12, r135/13, Halmahera

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LBMI Labuha, SANI Sanana, etc.

ISCJB 02 18:17:34.7:0.6, 15:07N:0.04:119.94E:0.06, h59km, 11km, mb3.1/2, Error ellipse: s-maj=10.2km s-min=7.0km az=175.6

MAN 02 18:17:34.5:15.03N:119.94E, h32km, mb4.9, ML3.8, MS3.8 IDC 02 18:17:37.4:8.6, 13:52N:119.17E, h0km, mb3.2/3, mb1 3.6/3, mb1mx3.2/44, mbtmp3.3/3, Error ellipse: s-maj=302.7km s-min=31.0km az=39.0

ISC 02 18:17:35.1:1.2, 15:07N:0.04:119.90E:0.07, h51km, 17km, n14, r132/19, 3C, Luzon

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SCZP Santa Cruz, PCPH Palayan, etc.

IDC 02 18:22:48.2:1.8, 3:39N:98.79E, h94km, 67km, mb2.9/3, mb1 3.1/3, mb1mx2.9/40, mbtmp3.2/3, Error ellipse: s-maj=311.7km s-min=24.5km az=56.0, Northern Sumatra

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PSI Prapat, PSI Prapat, WRA Warramunga Arr, etc.

ISCJB 02 18:32:45.9:0.6, 6:19S:0.05:130.9E:0.1, h86km, mb3.7/2, Error ellipse: s-maj=14.8km s-min=6.8km az=1.1

IDC 02 18:32:47.4:2.4, 6:16S:130.91E, h106km, 25km, mb3.5/2, mb1 3.6/7, mb1mx3.3/27, mbtmp3.9/7, Error ellipse: s-maj=38.7km s-min=20.7km az=91.0

AUST 02 18:32:47.3:6.47S:131.04E, h25km ISC 02 18:32:45.9:0.8, 6:16S:0.06:131.0E:0.1, h86km, n14, r247/13, Tanimbar Islands region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FAKI Fak Fak, SIJI Sorong, etc.

DDA 02 18:35:06.4:0.40:61N:36.43E, h7km, Md2.8 ISK 02 18:35:06.6:0.40:61N:36.46E, h5km, MD3.4 CSEM 02 18:35:07.1:0.1, 40:61N:36.45E, h2km, MD2.8, Error ellipse: s-maj=2.0km s-min=1.3km az=37.0

ISC 02 18:35:07.4:1.0, 40:61N:0.02:36.45E:0.02, h8km, 8km, n42, r052/63, Turkey

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ERBA Erbaa, ERBA Erbaa, etc.

Table with columns: ONI, Oni, Azimuth, Phase, Time, Res. Rows include ONI 1.91 263 P Pb 23 20 28.6 +0.4.

ISCJB 02 23:20:56.0, 0.6, 32.15N, 0.03, 115.18W, 0.03, h1km, 6km, Error ellipse: s-maj=5.0km s-min=3.9km az=1.3

ECX 02 23:20:57.5, 0.5, 32.13N, 115.20W, h7km, MD2, 1, ML2.4, NEIC 02 23:20:57.0, 32.12N, 115.22W, h5km, ML2.8(6CX), After ECX.

ISC 02 23:20:56.7, 1.1, 32.13N, 0.02, 115.23W, 0.03, h9km, 10km, n26, 0.99/38, 5C-3D, California-Baja California border region

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG Mexicali, CPBX Cerro Prieto, RDX Rancho Dawling, etc.

GUC 02 23:26:26.8, 0.5, 35.775N, 72.78W, h65km, 49km, ML3.8, Near coast of central Chile

Table for station data near coast of central Chile with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TALC Talca, CHPI Pichilemu, LNV Longovilo, etc.

DDA 02 23:33:53.7, 39.05N, 42.12E, h7km, MD2.0, ISK 02 23:33:53.9, 39.16N, 42.10E, h5km, MD2.7, ISCJB 02 23:33:54.0, 39.05N, 0.06, 42.13E, 0.04, h8km, Error ellipse: s-maj=9.1km s-min=3.9km az=158.4

CSEM 02 23:33:55.4, 0.3, 39.14N, 42.11E, h2km, MD2.7, Error ellipse: s-maj=10.0km s-min=6.2km az=149.0

ISC 02 23:33:55.9, 1.0, 39.08N, 0.03, 42.12E, 0.03, h8km, n13, r133/26, Turkey

Table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EKAR Karacaban, Varto-Mus, TUTA Tutak, BINGOL, etc.

BEO 02 23:37:01.9, 0.7, 42.20N, 18.94E, h0km, ML2.2/6, PDG 02 23:37:02.9, 0.2, 42.33N, 18.91E, h3km, 1km, MD2.6/5, ML2.5/12, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

CSEM 02 23:37:03.0, 0.2, 42.34N, 18.94E, h2km, ML2.5, Error ellipse: s-maj=4.5km s-min=4.0km az=46.0

ISC 02 23:37:02.9, 1.0, 42.34N, 0.02, 18.92E, 0.02, h1km, gkm, n60, r110/95, 20C-14D, Northwestern Balkan Peninsula

Table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUM Brajici-Budva, CEME Cevo, DRME Dracevica, Mon, etc.

Table for station data with columns: ULC, Niksic, TREB Trebinje, BRY Bratogost, etc. Includes station names and coordinates.

IDC 02 23:39:56.2, 0.5, 49.32S, 120.72E, h0km, mb4.8/16, mb1.4, 9/17, mb1mx4.8, 22, mbtmp4.8/17, ML3.3, MS4.7/20, Ms1.4, 7/20, ms1mx4.8, 25, Error ellipse: s-maj=5.3km s-min=12.5km az=105.0

BUI 02 23:39:56.0, 49.13S, 120.47E, h6km, mb5.0/38, mb5.5/23, Ms5.1/29, Ms7.4/29

ISCJB 02 23:39:56.5, 0.2, 49.25S, 0.04, 120.60E, 0.07, h10km, mb5.1/49, MS4.7/21, Error ellipse: s-maj=6.6km s-min=5.4km az=23.6

GCMT 02 23:39:58.1, 0.1, 49.32S, 120.87E, h12km, MW5.4/107, Moment Tensor Solution, s71, c111, s107, c210, Duration: 1s2 Moment tensor: Scale 10^17Nm; Mn=1.26e-02, Mns=1.39e-01, Mns=0.11e-02, Mns=0.05e-04; Mns=0.16e-01; Mns=0.10e-05. Best double couple; Ms: 1.34700e+107 NPT1s: 10.000000, 846.00000, 1.84.00000, NP2s: 271.00000, 644.00000, 1.97.00000. Principal axes: T 1.4060, P1.00000, Az=186.0000, N -1.120, P15.0000, Az=176.0000; P -1.2890, P15.0000, Az=81.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MOS 02 23:39:58.2, 1.3, 49.24S, 120.70E, h17km, mb5.5/14 Error ellipse: s-maj=19.8km s-min=10.4km az=79.9

NEIC 02 23:39:58.1, 0.2, 49.21S, 120.60E, h10km, mb5.3/35, Error ellipse: s-maj=6.8km s-min=6.2km az=112.0

AUST 02 23:40:05.2, 1.9, 42.06S, 120.41E, h69km, 15km, Error ellipse: s-maj=16.5km s-min=5.4km az=43.0

ISC 02 23:39:58.3, 0.3, 49.31S, 0.05, 120.51E, 0.06, h10km, n572, r122/565, mb5.2/49, MS4.8/22, 7C-2D, Western Indian-Antarctic Ridge

Main table for station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKGY Rocky Gully, H01W1 Cape Leeuwin H, NWA0 Narrogin (SRO), etc.

Main table for station data with columns: WRKA Warakurna, CMSA Cobar Meteorol, AS10 Alice Springs, ASAR Alice Springs, ASAR comp=Z, 0.8nm, 0.7s, baz=190, slow=1.7, SNR=4.4, etc. Includes station names and coordinates.

EYMN Ely baz=159 158.88 81 PKPdf PKPdf 23 59 56.3 +0.7

IDC 02 23:49:51.0,10.0,11.11N:43:75E,h0km,mb3.8/5, mb1 3.9/5, mb1mx3.4/49, mbtmp3.8/5, MS3.2, S1 3.2/2, ms1mx2.7/41, Error ellipse: s-maj=220.5km s-min=44.2km az=14.0

ISC 02 23:49:54.4,1.9,11.4N:03:43.8E,0.2,h10km,n8,0.0563/6, mb3.9/5,Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include FURI, KMBO, BRTR, KBZ, GERES, MKAR, ZALV, SONMI.

AUST 02 23:50:21.0,0.0,6.96S:123.32E,h129km, Error ellipse: s-maj=2.5km s-min=0.9km az=260.0

IDC 02 23:50:36.7,1.4,8.47S:124.61E,h0km,mb3.8/2, mb1 3.9/5, mb1mx3.6/34, mbtmp3.8/5, ML3.8/3, Error ellipse: s-maj=51.9km s-min=21.8km az=79.0

DJA 02 23:50:46.0,1.7,9.9S:12.4E,1.1,h136km,18km, M3.7/6, ML3.7/6

ISC 02 23:50:42.9,2.8,8.6S:02:124.4E,0.1,h35km,n13, r=152/9, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SOEI, SOEI, BATI, BATI, MMRI, BASI, WSI, FITZ, FITZ, WRA, WRA, WRKA, ASAR, ASAR, MKAR, ZALV.

BEO 02 23:56:40.5,0.4,43.04N:18.90E,h17km,5km,ML1.6/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TREB, PDG, PDG, SJES, SJES, BBLS, IVAS, DIVS, DIVS, GRUS, TEKS, TRUS.

ISK 02 23:57:55.2,38.97N:35.86E,h6km,MD3.0 DDA 02 23:57:55.4,38.99N:35.86E,h7km,MD2.6 CSEM 02 23:57:55.6,0.1,38.96N:35.86E,h2km,MD3.0, Error ellipse: s-maj=5.8km s-min=2.2km az=40.0

ISC 02 23:57:55.7,1.1,38.97N:03:35.87E,0.03,h9km,n12km, n20,0.053/34,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PINB, PINB, PINB, CUSAR, SARI, SARI, SARI, CUALT, YOZ, YOZ, YOZ, CUKAN, CUDN, CDAG, CDAG, CDAG, KOZT, KOZT, KOZT, AKO, AKO, CORM, CORM, KMRS, KMRS, AFSR, AFSR.

IDC 03 00:01:51.7,5.6,63.86S:171.74E,h0km,mb3.7/3, mb1 4.0/4, mb1mx3.8/20, mbtmp3.8/4, ML3.0/1, Error ellipse: s-maj=222.0km s-min=25.9km az=70.0, Balleny Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VNDA, QSPA, H01W1, H01W2, H01W3, ASAR, WRA, H0S2.

H0S1 Diego Garcia H 87.258 T T 01 51 53.4

H0S3 Diego Garcia H 87.258 T T 01 51 54.8

BRTR Keskin Array B 145.59 246 PKPbc PKPdf 00 21 30.2 -0.9

IDC 03 00:02:43.1,1.7,63.67S:172.57E,h0km,mb4.2/4, mb1 4.4/5, mb1mx4.1/20, mbtmp4.2/5, ML3.5/1, MS4.2/1, MS1.4/2, ms1mx3.4/19, Error ellipse: s-maj=73.5km s-min=23.0km az=68.0

ISC 03 00:02:44.6,1.6,63.7S:02:172.6E,0.4,h10km,n14, 0.056/8,mb4.3/4,Balleny Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VNDA, VNDA, QSPA, STKA, H01W1, H01W2, H01W3, ASAR, WRA, H0S2, H0S1, H0S3, SONMI, ILAR, BRTR.

ISK 03 00:08:12.4,39.59N:25.95E,h5km,MD2.8 DDA 03 00:08:12.2,39.52N:26.07E,h6km,MD2.6 CSEM 03 00:08:12.8,0.4,39.47N:26.25E,h10km,MD2.8, Error ellipse: s-maj=13.7km s-min=7.9km az=123.0

ISCJB 03 00:08:13.1,0.8,39.56N:0.04:25.97E,0.08,h20km,gkm, Error ellipse: s-maj=10.7km s-min=5.7km az=23.8

ISC 03 00:08:12.5,1.1,39.52N:0.04:26.07E,0.05,h15km,n10km, n18,0.096/30,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BOZC, BOZC, SIGR, SIGR, SIGR, EZN, EZN, EZN, GELI, GELI, GELI, LPK, LPK, ERIK, ERIK, BALLY, BALLY, BALLY, KNL, KNL, MURM, MURM, MURM, DURS, DURS, DURS.

IDC 03 00:19:16.8,1.1,34.68S:72.97W,h0km,mb3.7/2, mb1 3.8/4, mb1mx3.7/26, mbtmp3.6/4, ML3.2/3, Error ellipse: s-maj=34.0km s-min=21.3km az=88.0

GUC 03 00:19:20.6,0.6,34.52S:72.80W,h38km,3km,ML4.1

ISCJB 03 00:19:21.4,1.1,34.48S:0.07:72.80W,0.1,10,h30km, mb3.7/2, Error ellipse: s-maj=13.1km s-min=8.3km az=141.5

ISC 03 00:19:22.7,1.1,34.53S:0.07:72.8W,0.1,h35km,n14, r=152/17,1C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CHPI, CHPI, LNV, TALC, TALC, NICH, NICH, NICH, CICH, CICH, CLCH, CLCH, CFAA, CFAA, CFAA, PLCA, PLCA, PLAZ, TXAR, TORD, WRA, ZALV, MKAR.

WEL 03 00:20:01.6,0.5,38.17S:176.12E,h150km,5km,ML3.6/1, 5C-1D, Error ellipse: s-maj=5.6km s-min=3.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include URJZ, URJZ, BKZ, BKZ, NMHZ, NMHZ, MWZ, MWZ, MWZ, ARHZ, ARHZ, BHZH, HAZ, RIGZ, KRHZ, PUZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KAHZ, PNZH, TSZ, PRXZ, PHWZ, ANWZ, BFZ, MRZ, TRZ, Tintock, CGWZ, PHWZ, KIW, TMWZ, MTW, CAW, FCW, PLWZ, NNZ, THZ, KHZ.

FUNV 03 00:27:19.5,6.74N:73.24W,h166km,MW3.6,1D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CAPV, SOCV, SOCV, ELOV, VIRV, VIRV, QARV, CARV, SANV, CURV, SIQV, SIQV, HARV, MONV.

ISCJB 03 00:39:24.7,0.7,23.94N:0.04:122.64E,0.02,h31km,gkm, Error ellipse: s-maj=6.8km s-min=3.3km az=167.7

JMA 03 00:39:24.4,0.1,23.95N:122.61E,h37km,gkm,M2.4

TAP 03 00:39:25.0,23.95N:122.60E,h67km,1km,ML3.1,D

ISC 03 00:39:24.9,1.3,23.97N:0.05:122.65E,0.03,h32km,n13km, n28,0.094/48,1C,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JYNG, JYNG, YOJ, YOJ, ENA, ENA, TWC, TWC, TWD, TWD, HATJ, HATJ, ESJ, ESJ, TWE, TWE, ENTJ, ENTJ, WHF, WHF, JKRS, JKRS, EHY, EHY, NWF, NWF, NTK, NTK, TWT, TWT, TWF1, TWF1, WDF1, WDF1, WDT, WDT, JIJ, JIJ, CHKT, CHKT, SMLT, SMLT, YUS, YUS, TYC, TYC, JISG, JISG, ELDTW, ELDTW, ALS, ALS, ALS, CHN4, WTP, CHN1, CHN1.

ISCJB 03 00:40:00.6,1.8,33.9S:0.1:135.9E,0.1,h10km, Error ellipse: s-maj=20.8km s-min=12.5km az=31.0

AUST 03 00:40:00.0,0.7,33.93S:135.91E,h10km, Error ellipse: s-maj=7.4km s-min=3.2km az=69.0

IDC 03 00:40:00.9,0.9,33.30S:136.11E,h0km,mb1 3.2/3, mb1mx3.1/34, mbtmp2.9/3, ML3.0/3, Error ellipse: s-maj=111.1km s-min=28.0km az=14.0

ISC 03 00:40:02.0,2.1,34.0S:0.1:135.8E,0.1,h10km,n6, r=186/7,Near coast of South Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BBOO, STKA, STKA, STKA, STKA, ARPS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arta Tunnel, Nassriya, Badra, Bhd, Kir kuk, Keskin Array B, Torodi Ar. Bea, Borovoye Array, Zalesovo Beam, Songoing Array.

CSEM 03 00:57:09.8, 34.06N-25.49E, h35km, MD3.5, After ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neapolis, Anoyia, Gavdhos, Karpathos, Santorini, Antikythira Is, Apeiranthos, Arkhangelos, Didida, Kastellorizon, Pylos, Pylos, Penteli, Ithomi.

PDG 03 00:59:24.4, 0.42, 34N-18.91E, h5km, LML2, 8/5, M2.7/10, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

BEO 03 00:59:24.5, 0.7, 42.28N-18.94E, h0km, M2.6/1

CSEM 03 00:59:24.9, 0.2, 42.36N-18.94E, h2km, M2.7, Error ellipse: s-maj=4.7km s-min=3.7km az=67.0

ISC 03 00:59:24.3, 1.0, 42.33N.0.02, 18.92E.0.02, h1km, 8km, n78, c15/113, 24C-22D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Brajici-Budva, Ceme, Dracevica, Mon, Podgorica, Herceg Novi, Niksic, Ulcinj, Trebinje, Bratogost, Plav, Unac-Piva, Berane, Tirane, Skopje, Ohrid, Materna.

Table with columns: BLY, Banja Luka, ZAPS, ZAPS, MDRV, TIP, BZS, BZS, BZS, PKSM, PKSM, PKSM, GZR, GZR, GZR, SIRR, SIRR, SIRR, LOT, LOT, LOT, LOT, ARSA, ARSA.

MAN 03 01:00:40.8, 00N+126.19E, h130km, mb4.1, ML2.9, MS2.6, 3C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bislig, Mati, Butup, BUKP, BUKP, BUKP, SCPH, SCPH, SCPH, PAGZ, TBP.

KRSC 03 01:04:22.8, 0.5, 21.16N-159.95E, h2km, 14km, ML4.2

ISCJB 03 01:04:24.3, 0.9, 52.16N.0.05, 159.95E.0.08, h46km, 7km, mb3.8/14, Error ellipse: s-maj=9.9km s-min=5.8km az=135.1

MOS 03 01:04:24.8, 0.9, 52.20N.159.79E, h48km, mb4.3/7, Error ellipse: s-maj=13.8km s-min=7.3km az=97.1

IDC 03 01:04:29.4, 2.6, 52.27N.159.49E, h67km, 21km, mb3.5/13, mb1.3/7/13, mb1mx3.4/38, mbtmp3.8/13, MS2.9/1, Ms1.2.9/1, ms1mx2.4/34, Error ellipse: s-maj=23.2km s-min=17.7km az=103.0

ISC 03 01:04:25.7, 0.7, 52.18N.0.05, 159.88E.0.05, h40km, 6km, n55, c103/64, mb3.9/14, 1D, Off east coast of Kathaga Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RUS, RUS, RUS, SPN, SPN, SPN, PET, UGLR, ASAK, ASAK, SDR, SDR, AVH, AVH, AVH, KRE, KRE, KRE, KOK, KOK, KOK, KRX, KRX, KRX, PETK, PETK, GNL, GNL, GNL, GNL, MKZ, MKZ, MKZ, SKR, SKR, SKR, SKR, KBTR, KBTR, KBTR, MA2, UGL, UGL, BILL, BILL, KLR, MJAR, MJAR, MJAR, H1N2, H1N3, H1N1, H1S1, H1S2, MKAR, ARCES, ARCES, ARCES, NVAR, FINES, FINES, FINES, OBN, OBN, OBN, NOA, HFS, HFS, HFS, AKAS, AKAS, AKAS, AKAS, TXAR.

Table with columns: EKA, Eskdalemarr Ar, EKA, WRA, Keskin Array B, BRTR, Keskin Array B, BRTR, ASAR, ASAR.

CSEM 03 01:18:29.9, 0.4, 39.57N-25.95E, h5km, MD2.7, Error ellipse: s-maj=12.8km s-min=5.1km az=114.0

ISCJ 03 01:18:30.1, 0.9, 39.57N.0.04, 26.0E.0.1, h13km, 7km, Error ellipse: s-maj=14.0km s-min=5.2km az=213.4

DDA 03 01:18:31.1, 39.56N-26.08E, h4km, MD2.6

ISC 03 01:18:30.1, 1.1, 39.56N.0.1, 26.05E.0.06, h15km, 8km, n15, c026/26, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOZC, BOZC, SIGR, SIGR, SIGR, EZN, EZN, EZN, GELI, GELI, GELI, LK, LK, LK, LK, ERK, ERK, ERK, ERK, BARY, BARY, BARY, MRMT, MRMT, MRMT.

IDC 03 01:43:35.5, 5.2, 5.77S-147.83E, h192km, 44km, mb3.3/2, mb1.9/5/4, mb1mx3.1/32, mbtmp3.8/4, MS3.9/1, Msl1.3/9/1, ms1mx2.6/22, Error ellipse: s-maj=78.2km s-min=48.1km az=125.0, Eastern New Guinea region

PMG Port Moresby 3.67 190 P P 01 44 34.0 +1.0

PMG 6.2nm, 0.3s, baz=341, slow=6.6, SNR=8.4 S Sn 01 45 18.0 0.0

WRA Warrungarra Arr 19.25 222 P P 01 47 45.8 +0.3

ASAR Alice Springs 22.28 216 P P 01 48 17.9 +0.8

FITZ Fitzroy Crossi 24.89 320 P P 01 48 40.5 +0.3

RPZ Rata Peaks 42.96 155 LR LR 02 06 49.2

TORD Torodi Ar. Bea 145.84 285 PKPbc PKPdf 02 02 51.7 -0.7

MEX 03 02:04:21.9, 0.6, 18.47N+101.27W, h30km, MD4.1, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG, ZIIG, ZIIG, ARIG, ARIG, ARIG, PLIG, PLIG, PLIG, YAIG, YAIG, YAIG, TLIG, TLIG, TLIG.

IDC 03 02:13:16.9, 1.9, 8.60S-111.44E, h0km, mb3.7/6, mb1.3/9/7, mb1mx3.6/37, mbtmp3.7/7, ML3.4/1, Error ellipse: s-maj=103.4km s-min=17.8km az=52.0

ISCJB 03 02:13:22.8, 0.5, 9.03S.0.04, 111.25E.0.04, h55km, mb3.7/6, Error ellipse: s-maj=6.8km s-min=4.7km az=140.8

DJA 03 02:13:22.4, 0.7, 9.3S+111.1E, h22km, 7km, M4.4/24, mb4.7/3, mb4.9/1, MLV4.3/2, Mw(MB)4.2/1

AUST 03 02:13:22.5, 0.9, 9.14S-111.12E, h23km, Error ellipse: s-maj=1.3km s-min=0.8km az=30.0

ISC 03 02:13:23.9, 0.8, 9.03S.0.07, 111.24E.0.05, h55km, n34, c135/35, mb3.6/6, South of Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCJI, Pacitan, PCJI, PWJI, PWJI, PWJI, WJJI, WJJI, WJJI, UGM, UGM, UGM, UGM, NGJI, NGJI, NGJI, SMRI, SMRI, SMRI, SMRI, TBJI, TBJI, TBJI, BLJI, BLJI, BLJI, JAGI, JAGI, JAGI, JAGI, ABJI, ABJI, ABJI, KMMI, KMMI, KMMI, CISI, CISI, CISI, CISI, SRBI, SRBI, SRBI, CNJI, CNJI, CNJI, TWSI, TWSI, TWSI, XMSI, XMSI, XMSI, FITZ, FITZ, FITZ, MEEK, MEEK, MEEK, MTN, MTN, MTN, WRKA, WRKA, WRKA, WRA, WRA, WRA, ASAR, ASAR, ASAR, COEN, COEN, COEN, STKA, STKA, STKA, H0S2, H0S2, H0S2, H0S3, H0S3, H0S3, H0S1, H0S1, H0S1.

TIAR	238nm,1.1s	24.62	92	eP	P	06 35 53.8	-0.9
TVO	Taravao 13nm,0.7s	24.69	93	eP	P	06 35 54.6	-0.7
QRZ	Quartz Range	24.77	203	PN	P	06 35 56.9	+1.1
NNZ	Nelson	24.82	201	PN	P	06 35 55.8	-0.4
THZ	Tophouse	25.47	201	PN	P	06 36 03.0	+1.0
THZ	Tophouse	25.47	201	eP	P	06 36 03.7	+1.6
HNR	Honiara	25.65	287	P	P	06 36 04.6	+0.6
HNR	Honiara 336nm,0.8s,baz=197,slow=3.3,SNR=5.6	25.65	287	eP	P	06 36 02.5	-1.5
DSZ	Denniston Nort	25.84	203	PN	P	06 36 05.5	+0.1
KHZ	Kahutara	25.85	199	eP	P	06 36 05.6	+0.2
PMOR	Pomarioiri Ree	26.37	87	eP	P	06 36 09.5	-0.9
VAH	Vaihoa 311nm,1.2s	26.58	88	eP	P	06 36 11.0	-1.2
OXZ	Oxford	27.15	201	ePN	P	06 36 16.1	-0.9
OXZ	Oxford	27.15	201	eP	P	06 36 16.4	-0.6
MGQ	McQueen's Vall 321nm,2.3s	27.29	199	eP	P	06 36 18.8	+0.6
WVZ	Waitha Valley	27.39	203	PN	P	06 36 18.5	-0.6
RPZ	Rata Peaks 33nm,0.5,baz=16,slow=2.6	27.83	202	eP	P	06 36 23.3	+0.3
RPZ	Rata Peaks	27.83	202	eP	P	06 36 23.2	+0.1
FOZ	Fox Glacier	28.12	203	PN	P	06 36 24.3	-1.2
JCZ	Jackson Bay	28.39	204	PN	P	06 36 32.3	-1.0
ODZ	Odihua Downs 112nm,1.9s	29.14	201	eP	P	06 36 34.6	0.0
WKZ	Wanaka	29.53	203	eP	P	06 36 37.5	-0.6
DCZ	Deep Cove 29nm,0.6s	30.78	205	eP	P	06 36 49.3	+0.4
WHZ	Wether Hill Ro 56nm,0.5s	30.83	203	eP	P	06 36 50.3	+0.9
EIDS	Eidsvold baz=32,SNR=20	31.99	251	eP	P	06 36 58.9	-1.0
EIDS	Eidsvold	31.99	251	eP	P	06 36 59.0	-1.0
ARMA	Armidale baz=32,SNR=74	32.39	242	eP	P	06 37 03.6	+0.2
ARMA	Armidale	32.39	242	eP	P	06 37 03.9	+0.5
MGCD	Mangrove Creek baz=34,SNR=3.9	33.58	237	P	P	06 37 13.8	+0.3
RMQ	Roma	34.19	250	P	P	06 37 15.0	-3.9
CNB	Canberra Magne baz=36,SNR=26	35.62	234	P	P	06 37 31.1	+0.1
CAN	Canberra	35.90	235	eP	P	06 37 34.1	+0.7
CAN	Canberra comp=Z,17nm,0.7s	35.90	235	eP	P	06 37 34.1	+0.7
CTA	Charters Tower comp=Z,17nm,0.7s	36.38	261	LR	LR	06 53 29.1	
CTA	Charters Tower comp=Z,110nm,18.2s,baz=140,slow=37	36.38	261	eP	P	06 37 36.3	-1.2
CTAO	Charters Tower comp=Z,91nm,0.8s	36.38	261	eP	P	06 37 36.3	-1.2
CTAO	Charters Tower comp=Z,91nm,0.8s	36.38	261	eP	P	06 37 36.3	-1.2
PMG	Port Moresby baz=38,SNR=7.2	37.52	279	iP	P	06 37 46.4	-0.8
PMG	Port Moresby	37.52	279	eP	P	06 37 47.6	+0.4
PMG	Port Moresby comp=Z,117nm,0.8s	37.52	279	eP	P	06 37 46.6	-0.6
CMSA	Cobar Meteorol baz=39,SNR=104	37.61	242	P	P	06 37 47.3	-0.5
RKT	Rikitea	37.86	104	eP	P	06 37 50.0	+0.1
QLP	Quilpie	38.24	250	P	P	06 37 52.4	-0.6
MTSU	Mount Surprise baz=38,SNR=61	38.38	264	P	P	06 37 52.9	-1.5
TOO	Toolangi baz=39,SNR=46	39.29	233	P	P	06 38 01.2	-0.5
MANU	Manus Island comp=Z,616nm,0.1s	40.09	289	eP	P	06 38 10.0	+1.5
COEN	Coen	40.14	270	eP	P	06 38 08.0	-0.9
COEN	Coen comp=Z,88nm,0.6s	40.14	270	eP	P	06 38 08.0	-0.9
STKA	Stephens Creek comp=Z,236nm,1.3s,baz=92,slow=9.6,SNR=149	41.11	242	P	P	06 38 16.4	-0.2
STKA	Stephens Creek	41.11	242	eP	P	06 38 16.9	+0.4
STKA	Stephens Creek comp=Z,44nm,1.4s	41.11	242	P	P	06 38 16.4	-0.2
STKA	Stephens Creek baz=41,SNR=134	41.11	242	eP	P	06 38 16.9	+0.4
STKA	Stephens Creek comp=Z,44nm,1.4s	41.11	242	eP	P	06 38 16.9	+0.4
WAKE	Wake Island comp=Z,202nm,1.1s	41.87	235	P	P	06 38 18.0	-1.0
ARPS	Mount Arapiles baz=42,SNR=13	42.56	259	P	P	06 38 22.2	-0.5
QIS	Mount Isa baz=42,SNR=19	42.56	259	P	P	06 38 26.8	-1.6
BBOO	Buckleboo	45.87	242	P	P	06 38 53.9	-0.6
BBOO	Buckleboo baz=46,SNR=85	45.87	242	eP	P	06 38 53.9	-0.6
JAY	Jayapura	45.94	285	P	P	06 38 54.9	-0.4
WRAB	Tennant Creek baz=46,SNR=7.8	47.53	259	iP	P	06 39 05.7	-1.8
WRAB	Tennant Creek comp=Z,123nm,0.5s	47.53	259	eP	P	06 39 05.8	-1.7
WRA	Warramunga Arr comp=Z,7.9nm,0.4s,baz=97,slow=7.3,SNR=147	47.54	259	P	P	06 39 06.5	-1.1
WRA	Warramunga Arr comp=Z,7.9nm,0.4s,baz=97,slow=7.3,SNR=147	47.54	259	P	P	06 39 06.5	-1.1
WRA	Warramunga Arr comp=Z,5.5nm,0.7s,baz=96,slow=3.4,SNR=2.6	47.54	259	P	P	06 40 33.8	+0.4
WRA	Warramunga Arr comp=Z,8.4nm,0.9s,baz=96,slow=13,SNR=10	47.54	259	P	P	06 45 39.1	-4.3
WRA	Warramunga Arr	47.54	259	P	P	06 39 06.5	-1.1
WRA	Warramunga Arr	47.54	259	P	P	06 45 39.2	-4.3
ASO1	Alice Springs	47.56	254	eP	P	06 39 07.2	-0.4
ASAR	Alice Springs comp=Z,867nm,0.6s,baz=90,slow=8.2,SNR=8002	47.56	254	eP	P	06 39 07.5	-0.6
ASAR	Alice Springs	47.56	254	eP	P	06 45 42.5	-1.7
GUMO	Guam	50.55	306	eP	P	06 39 30.6	+0.4
GUMO	Guam comp=Z,367nm,0.9s	50.55	306	eP	P	06 39 30.6	+0.4
KDU	Kakadu	50.58	268	P	P	06 39 29.4	-1.1
SARM	Sarigan baz=50,SNR=74	51.82	310	eP	P	06 39 39.3	-0.4
MTN	Manton Dam baz=52,SNR=86	51.82	268	P	P	06 39 38.3	-1.5
MTN	Manton Dam	51.82	268	eP	P	06 39 38.5	-1.3
WRKA	Warakma comp=Z,220nm,0.8s	52.61	252	P	P	06 39 44.8	-0.7
KNRA	Kununurra	53.46	264	P	P	06 39 50.9	-0.9
FAKI	Fak Fak baz=53,SNR=44	53.64	280	P	P	06 39 52.4	-0.7
FAKI	Fak Fak baz=54,SNR=4.3	53.64	280	eP	P	06 39 53.0	-0.1
SWI	Sorong baz=55,SNR=5.7	55.50	282	P	P	06 40 04.5	-0.5
FITZ	Fitzroy Crossi baz=56,SNR=86	55.95	260	eP	P	06 40 09.1	-0.4
FITZ	Fitzroy Crossi	55.95	260	eP	P	06 40 09.2	-0.4
KMBL	Kambalao baz=58,SNR=7.9	57.86	244	P	P	06 40 21.5	-1.2
NLAI	Namlea	58.36	278	P	P	06 40 25.6	-0.8
SOEI	Soe comp=Z,220nm,0.9s	59.11	269	P	P	06 40 32.5	+0.8
SOEI	Soe baz=59,SNR=53	59.11	269	P	P	06 40 32.5	+0.8
SOEI	Soe	59.11	269	P	P	06 40 32.5	+0.8
SOEI	Soe comp=Z,504nm,0.8s	59.11	269	P	P	06 40 34.1	-0.6
SBA	Baumata Range comp=Z,148nm,0.8s,comp=Z,1um	60.21	184	eP	P	06 40 41.3	+3.3
SBA	Scott Base	60.21	184	eP	P	06 40 41.3	+3.3
SBA	Scott Base	60.21	184	eP	P	06 40 41.3	+3.3
VNDA	Vanda	60.30	186	P	P	06 40 41.1	+2.4

VNDA	Vanda comp=Z,24nm,0.9s,baz=359,slow=7.5,SNR=27	60.30	186	P	P	06 40 41.1	+2.4
VNDA	Vanda	60.30	186	P	P	06 40 41.1	+2.4
VNDA	Vanda comp=Z,24nm,0.9s	60.30	186	eP	P	06 40 41.0	+2.4
MEEK	Meekatharra	61.12	249	P	P	06 40 43.9	-1.2
CBJL	Chichi jima baz=61,SNR=14	61.20	316	eP	P	06 40 44.4	-1.0
MMRI	Maumere	61.34	270	P	P	06 40 45.0	-1.6
MMRI	Maumere comp=Z,323nm,0.8s,comp=Z,3um	61.34	270	eP	P	06 40 46.0	-0.6
KLBR	Kellerberrin	61.36	244	P	P	06 40 46.0	-0.6
NWAO	Narrogin (SRO) baz=61,SNR=16	61.69	242	P	P	06 40 48.2	-0.5
RKGY	Rocky Gullf baz=62,SNR=6.0	61.79	240	P	P	06 40 50.0	+0.6
BLDU	Ballidu	62.34	245	P	P	06 40 52.3	-0.8
KDI	Kendari baz=62,SNR=35	62.36	275	P	P	06 40 51.8	-1.6
MORW	Morawa comp=Z,84nm,1.0s,comp=Z,956nm	63.09	246	P	P	06 40 57.3	-0.8
LUWI	Luwuk baz=63,SNR=4.7	63.17	278	P	P	06 40 59.1	+0.2
LUWI	Luwuk baz=63,SNR=5.1	63.17	278	P	P	06 40 58.4	-0.4
LUWI	Luwuk comp=Z,202nm,1.0s,comp=Z,4um	63.17	278	eP	P	06 40 59.1	+0.4
GTOI	Gorontalo	63.53	280	P	P	06 41 01.2	+0.1
WBSI	Waikabubak, Su comp=Z,153nm,0.8s,comp=Z,527nm	63.77	268	P	P	06 41 01.5	-1.2
APSI	Ampana	64.27	278	P	P	06 41 05.8	-0.1
BKSI	Bulukumba	64.30	273	P	P	06 41 04.9	-1.3
KAPI	Kappang	64.75	273	eP	P	06 41 08.7	-0.4
SIRI	Sidrap Palu	65.06	274	P	P	06 41 09.8	-1.2
GIRL	Giralala comp=Z,115nm,0.8s,comp=Z,912nm	65.68	253	P	P	06 41 15.6	+0.8
TWSI	Taliwang, Sumb baz=68,SNR=12	66.39	268	P	P	06 41 18.5	-1.1
JHJ2	Mitsune	66.79	320	eP	P	06 41 21.2	-0.4
IGBI	Denpasar	68.02	268	P	P	06 41 29.1	-0.6
KBKI	Kotabaru	68.68	274	P	P	06 41 33.7	-0.1
JAGI	Jajag, Banyuwa comp=Z,96nm,1.2s	69.06	268	P	P	06 41 34.7	-1.5
JAGI	Jajag, Banyuwa baz=69,SNR=19	69.06	268	eP	P	06 41 34.4	-1.8
MYLD	Lahad Datu comp=Z,177nm,0.8s	69.36	283	eP	P	06 41 39.6	+1.6
KMMI	Kalianget	69.64	269	P	P	06 41 38.8	-0.9
BLJI	Banyuglugur	69.80	268	P	P	06 41 39.4	-1.2
BJAR	Bandar	69.88	273	P	P	06 41 41.0	-0.2
MJAR	Matsushiro Arr comp=Z,229nm,0.9s,comp=Z,5um	70.09	322	P	P	06 41 40.8	-1.2
MJAR	Matsushiro Arr comp=Z,32nm,0.8s,baz=157,slow=6.2,SNR=56	70.09	322	P	P	06 41 40.8	-1.2
MAJO	Matsushiro	70.09	322	eP	P	06 41 41.6	-0.4
MAJO	Matsushiro comp=Z,32nm,0.8s	70.09	322	eP	P	06 41 41.6	-0.4
MAJO	Matsushiro comp=Z,55nm,0.9s	70.09	322	eP	P	06 41 41.6	-0.4
MAT	Matsushiro	70.09	322	P	P	06 41 41.0	-1.0
MAT	Matsushiro	70.09	322	eS	S	06 50 34.7	+2.4
ATKA	Atka Island	70.24	1	eP	P	06 41 41.6	-0.8
PWJI	Pagerwojo	71.42	268	P	P	06 41 49.1	-1.3
TBJJ	Tambak Boyo comp=Z,158nm,0.8s,comp=Z,2um	71.72	269	P	P	06 41 51.8	-0.4
QSPA	South Pole Qui comp=Z,239nm,1.2s	71.73	180	eP	P	06 41 53.1	+1.6
KKM	Kota Kinabalu comp=Z,109nm,0.6s	71.79	283	P	P	06 41 52.8	+0.1
KKM	Kota Kinabalu baz=72,SNR=6.6	71.79	283	eP	P	06 41 52.6	-0.2
NGJI	Ngawi	71.93	268	P	P	06 41 53.7	+0.2
PCJI	Pacitan	71.96	267	P	P	06 41 53.5	-0.2
UNV	Unalaska Valle comp=Z,641nm,0.8s,comp=Z,6um	72.27	5	eP	P	06 41 52.9	-1.6
WOJI	Wonogiri, Jawa	72.30	267	P	P	06 41 55.0	-0.7
JNU	Nakatsue comp=Z,244nm,0.9s,comp=Z,6um	72.56	315	eP	P	06 41 56.6	-0.2
AKUT	Akutan	72.62	6	eP	P	06 41 55.6	-1.0
UGM	Wanagama comp=Z,872nm,1.7s	72.66	267	P	P	06 41 57.1	-0.7
UGM	Wanagama baz=73,SNR=8.4	72.66	267	P	P	06 41 57.5	-0.3
UGM	Wanagama comp=Z,275nm,0.8s	72.66	267	eP	P	06 41 57.7	-0.1
UWJI	Wanagama comp=Z,166nm,0.7s	72.69	269	P	P	06 41 57.5	-0.5
SMRI	Semarang comp=Z,200nm,1.0s	72.99	268	P	P	06 42 00.2	+0.5
SMRI	Semarang baz=73,SNR=3.9	72.99	268	eP	P	06 42 00.2	+0.5
ASAJ	Asahikawa	73.14	330	e			

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like H04A Detroit Lake, F03A Seaside, R11A Troy Canyon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CTU Camp Tracy, SRU San Rafael, P17A Butcher Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 229A Bryant Ranch, BJT Baijiatuu, BJT Baijiatuu, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters. Rows include stations like Y31A, CHAI, PATY, NAYO, 635A, S28A, 233A, 434A, Z32A, V30A, X31A, 133A, T29A, 334A, 535A, 736A, PLCA, 136A, R28A, Y32A, EDM, XAN, 335A, W32A, Y33A, PHET, LOEI, S30A, LAO, 028A, 637A, WHTX, WMOK, HHC, RSSD, R33A, Z34A, V32A, 537A, 135A, T31A, 336A, R30A, I25A, W39A, J26A, SNA, SNA, SNA, VNA3, U32A, Y34A, HKT.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters. Rows include stations like HKT, HKT, UTTA, S31A, Q30A, 437A, H25A, Z35A, X34A, 236A, SRDT, NANT, V33A, P30A, R31A, T32A, I26A, UTHA, CBKS, 136A, VNA2, W34A, W34A, 337A, G25A, S32A, X35A, Y35A, J27A, PHRA, 438A, VNA1, U33A, H26A, X35A, Z36A, F25A, T33A, 237A, NVL, V34A, P31A, R32A, 338A, 137A, G26A, E25A, U34A, UMPA, Y36A, W35A, H27A, LAMP, O31A, 439A, F26A, Q32A, X36A, 238A, INK, INK, INK, Z37A, D25A, DGMT, DGMT, R33A, I28A, P32A, G27A, K29A, T34A, 339A, W36A, 138A, NATX, NATX, E26A, Y37A, F27A, C25A, CD2, CD2, CD2.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters. Rows include stations like CD2, CM01, CMAR, CMAR, J29A, Q33A, 440A, CMMT, CHTO, CHTO, CHTO, S34A, 239A, Z38A, M31A, D26A, K30A, O32A, B25A, R34A, T35A, I29A, V36A, X37A, CMAI, 340A, 139A, E27A, TUL1, TUL1, TGUH, A25A, J30A, L31A, Y38A, H29A, O33A, U36A, Q34A, S35A, F28A, BGN, X38A, Z39A, K31A, T36A, V37A, KSU1, KSU1, P34A, C27A, R35A, E28A, Y39A, W38A, U37A, A26A, S36A, O34A, Q35A, LCO, M33A, V38A, R36A, T37A, YKA, YKA, P35A, LZH, LZH, LZH, LZH, MIAR, MIAR, MIAR, N34A, U38A, M34A, O35A, B28A, R37A, P36A.

2010 DEC

3d 7h

Table with columns: SKJI, Sukabumi, 1.23 346 P, Pn, 06 34 10.6 -0.9, etc.

WEL 03 06:39:04.70.1, 43.845s, 172.34E, h5km, ML3.6/12, 4C-3D, Error ellipse: s-maj=1.0km s-min=0.7km az=0.0, South Island

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

Table with columns: GZT, Gaziantep, 0.91 261 P, Pg, 07 09 24.2 -0.7, etc.

NIED 03 07:13:06.44.70N, 149.330E, h38km, Mw4.1 Best double couple: M1.65000, 1015 NP1.229, 00000, 832, 00000, etc.

JMA 03 07:13:06.0.0.8.44.65N, 149.27E, h30km, M4.4 MOS 03 07:13:07.7.1.1.44.68N, 148.98E, h50km, mb4.3/15, Error ellipse: s-maj=10.4km s-min=8.8km az=107.9

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

IDC 03 06:49:18.9.1.8, 2.254N, 126.78E, h0km, mb3.4/6, mb1 3.6/5, mb1mx3.5/52, mbtmp3.5/6, MS3.1/1, Ms1 3.1/1, ms1mx2.4/30, Error ellipse: s-maj=98.1km s-min=18.7km az=71.0, Northern Molucca Sea

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

IDC 03 06:59:33.6.1.8, 7.18S, 130.73E, h0km, mb3.7/1, mb1 3.8/5, mb1mx3.6/36, mbtmp3.7/5, ML3.7/4, MS3.6/1, Ms1 3.6/1, ms1mx2.4/41, Error ellipse: s-maj=69.4km s-min=24.6km az=86.0

AUST 03 06:59:35.0.53.0, 7.06S, 130.67E, h0km, Error ellipse: s-maj=1.9km s-min=1.1km az=288.0

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

ISCJB 03 07:09:07.5.0.6.37.49N, 0.0338, 69E, 0.03, h3km, 5km, Error ellipse: s-maj=4.9km s-min=3.8km az=161.5

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

ISC 03 07:13:08.0.1.3.44.46N, 0.055, 149.10E, 0.07, h46km, 11km, n101, r1550/100, mb3.9/22, MS3.1/4, 3C-4D, Kuril Islands

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

IDC 03 07:15:00.8.4.7.2.098S, 177.38W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/34, mbtmp4.0/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/37, Error ellipse: s-maj=189.6km s-min=56.1km az=143.0, Fiji Islands region

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

Main table with columns: BMKR, Bomnak, 16.60 315 eP, Pn, 07 16 56.0 -1.3, etc.

IDC 03 07:26:51.9.1.3, 15.11S, 173.77W, h0km, mb4.1/7, mb1 4.5/7, mb1mx4.1/33, mbtmp4.1/7, MS3.6/16, Ms1 3.6/16, ms1mx3.4/36, Error ellipse: s-maj=67.7km s-min=21.0km az=150.0

ISCJB 03 07:26:52.0.5.15.1, 0.1, 173.8W, 0.1, h10km, mb4.3/14, MS3.6/14, Error ellipse: s-maj=24.7km s-min=12.4km az=141.6

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

3d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, PAE Papeete, PPT Papeete2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, LANS Liptovska Anna, NIE Niedzica, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC Limon Verde, PB06 IPOC Station P, PSGC Pisagua, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASG Main Array Be, FINES FINESS Array B, ARCES ARCES Array B, etc.

GUC 03 09:30:12.0±0.5, 34.425±71.77W, h36km, 2km, ML3.7

2010 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, LNV Longovilo, LOS Los Niches, etc.

WEL 03 09:36:07.6±0.2, 34.835±177.96E, h33km, ML3.7, Error ellipse: s-maj=3.2km s-min=1.9km az=90.0, North of New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, WMGZ Waioamatini S, URUZ Puketiti, etc.

ISC 03 09:37:13.5±3.7, 54.28N±87.35E, h0km, mb1 3.6/2, mb1mx3.2/58, mbtmp3.6/2, ML2.8/2, Error ellipse: s-maj=37.8km s-min=20.3km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

ISC 03 09:41:29.1±2.2, 54.23N±86.03E, h0km, mb1 3.1/3, mb1mx3.0/47, mbtmp3.1/3, ML3.0/3, Error ellipse: s-maj=17.7km s-min=11.1km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

ISC 03 09:47:16.6±3.3, 54.61N±86.53E, h0km, mb1 2.9/2, mb1mx2.8/36, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=28.1km s-min=16.2km az=48.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

NAO 03 09:52:28.3±2.8, 60.50N±29.34E, ML2.7, CSEIM 03 09:52:31.0±0.9, 60.58N±29.41E, h1km, ML2.7, Error ellipse: s-maj=21.9km s-min=7.7km az=139.0, Mining explosion.

HEL 03 09:52:33.2±0.2, 60.56N±29.24E, h0km, ML1.8, Explosion BEL 03 09:52:34.3±0.4, 60.64N±29.07E, h0km, ML2.7(NAO), Suspected explosion

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVF Pernaja, FIAO FINESS Array S, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FIAO FINESS Array S, FIAO Kangasniemi, FIAO Metsahovi, etc.

ISC 03 09:55:34.9±2.6, 43.73N±84.00E, h0km, mb1 3.5/5, mb1mx3.3/37, mbtmp3.5/5, ML3.2/5, Error ellipse: s-maj=28.4km s-min=22.0km az=93.0, NNC 03 09:55:36.1±3.4, 43.77N±84.26E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=36.9km s-min=24.9km az=80.0, BJI 03 09:55:36.6±3.4, 43.77N±84.18E, h10km, ML3.5/10, ISC 03 09:55:36.1±1.4, 43.77N±0.1±84.00E±0.08, h10km, n10, ±173/13, 5C-30, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ Urumqi, WMQ 370nm,0.4s, WMQ 340nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 1.0nm,0.2s, baz=155, slow=13, SNR=257, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK 0.4nm,0.3s, baz=90, slow=10, SNR=4.4, etc.

ISC 03 09:58:07.7±3.0, 53.62N±87.98E, h0km, mb1 3.5/2, mb1mx3.1/37, mbtmp3.5/2, ML3.4/1, Error ellipse: s-maj=28.5km s-min=15.4km az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISCJB 03 10:00:36.9±1.0, 37.27N±0.03±31.87E±0.06, h0km, 9km, Error ellipse: s-maj=8.3km s-min=6.6km az=150.3, ISK 03 10:00:36.2, 37.27N±31.90E, h5km, MD2.8, DDA 03 10:00:36.4, 37.28N±31.92E, h7km, MD3.2, CSEM 03 10:00:36.4, 0.6, 37.26N±31.83E, h2km, MD2.8, Error ellipse: s-maj=16.6km s-min=6.1km az=74.0, ISC 03 10:00:36.2±1.4, 37.25N±0.03±31.88E±0.05, h4km±12km, n14, ±040/24, Turkey

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

ISC 03 10:06:27.8±7.7, 18.56S±176.17W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.6/39, mbtmp3.5/3, Error ellipse: s-maj=337.0km s-min=36.2km az=143.0, Fiji Islands region

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

3d 13h

ARCCESS Array S 9.94 141 P Sn Sn 11 46 37.2 -3.7

IDC 03 12:07:02.5:3.0, 3'16S:100'02E, h0km, mb3.5/7, mb1 3.6/7, mb1mx3.5/4.1, mbtmp3.5/7, MS3.2/2, Ms1 3.2/2, ms1mx2.5/2.7, Error ellipse: s-maj=125.3km s-min=20.0km az=56.0, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Chiang Mai Arr, Diego Garcia H, Cape Leeuwin H, etc.

MEX 03 12:18:33.1:0.15, 6'50N:98'10W, h36km, gkm, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Pinotepa, Tlapa, Puento Sto Nin, etc.

ISC 03 12:31:13.4, 37'06N:37'43E, h18km, ML2.1 DDA MS:31:13.2, 37'23N:37'50E, h7km, MD2.7 CSEM 03 12:31:34.9, 0.6, 67'51N:37'47E, h10km, MD2.7, Error ellipse: s-maj=12.4km s-min=7.8km az=21.0

ISC 03 12:31:12.2:1.4, 37'09N:0'04:37'48E:0'03, h1km, n11km, n16, c090/27, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Gaziantep, Kahramanmara, Kahramanmaras, etc.

NAO 03 12:31:32.6:1.9, 67'56N:34'02E, ML2.8 HEL 03 12:31:33.4:0.6, 67'52N:34'05E, h0km, ML2.3 Explosion CSEM 03 12:31:34.9, 0.6, 67'51N:37'50E, h2km, ML2.2, Error ellipse: s-maj=15.8km s-min=7.9km az=101.0, Mining explosion.

ISC 03 12:31:35.8:1.9, 67'50N:0'04:33'50E:0'10, h0km, n34, c0180/50, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Apatity, Vario, Riekki, etc.

2010 DEC

ARA0 ARCESS Array S 3.52 307 Pn Pn 12 32 30.9 -0.8

WEL 03 12:42:57.0:2.45, 1'05S:167'37E, h85km, 1km, ML3.5/9, 5C-3D, Error ellipse: s-maj=1.5km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Deep Cove, Milford Sound, Mavora Lakes, etc.

ISCJB 03 13:03:22.5:0.7, 31'12S:0'05:179'9E:0'1, h377km, mb3.2/6, Error ellipse: s-maj=17.3km s-min=6.3km az=5.0

IDC 03 13:03:23.0:3.7, 31'01S:179'93W, h378km, g9km, mb3.1/6, mb1 3.3/9, mb1mx3.2/3.4, mbtmp3.9/9, Error ellipse: s-maj=37.7km s-min=22.8km az=2.0

ISC 03 13:03:22.6:0.8, 31'21S:0'08:179'9W:0'2, h377km, n45, c0129/57, mb3.3/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Waiomatatini S, The Kaha, Pakihiroa, etc.

ISCJB 03 12:53:52.9:0.8, 59'18N:0'04:27'9E:0'1, h10km, Error ellipse: s-maj=8.0km s-min=6.2km az=14.6

IDC 03 12:53:54.8:1.5, 59'45N:28'05E, h0km, mb3.1/4, mb1mx3.0/4.4, mbtmp3.1/4, ML2.8/4, Error ellipse: s-maj=23.3km s-min=8.9km az=77.0

ISC 03 12:53:51.6:1.3, 59'29N:0'04:28'06E:0'07, h10km, n17, c0151/23, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Vsu, Vario, Riekki, etc.

100

ARCCESS Array S 9.94 141 P Sn Sn 11 46 37.2 -3.7

ISC 03 13:00:15.9:0.7, 16'35S:0'2:176'29W:0'09, h379km, n23, c0075/24, mb3.8/9, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Afiamalu, Niue, Mont Dzumac, etc.

ISCJB 03 13:03:22.5:0.7, 31'12S:0'05:179'9E:0'1, h377km, mb3.2/6, Error ellipse: s-maj=17.3km s-min=6.3km az=5.0

IDC 03 13:03:23.0:3.7, 31'01S:179'93W, h378km, g9km, mb3.1/6, mb1 3.3/9, mb1mx3.2/3.4, mbtmp3.9/9, Error ellipse: s-maj=37.7km s-min=22.8km az=2.0

ISC 03 13:03:22.6:0.8, 31'21S:0'08:179'9W:0'2, h377km, n45, c0129/57, mb3.3/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Waiomatatini S, The Kaha, Pakihiroa, etc.

Table with columns: NKL, 35nm, 0.5s, AMB, AMB, 13 06 16.5, 13 06 33.8 +2.2, 13 06 34.3, 13 08 55.5 +7.9, 13 09 11.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, FITZ, Warramunga Arr, ASAR, STKA, MKAR

IDC 03 13:14:15.0:1.7, 29:37N, 128:04E, h0km, mb3.5/5, mb1 3.6/7, mb1mx3.5/37, mbtmp3.6/5, Error ellipse: s-maj=94.9km s-min=22.5km az=68.0, Halmahera

IDC 03 13:14:52.0:1.1, 29:82N, 90:43E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.4/40, mbtmp3.5/7, ML3.6/2, MS2.7/1, Ms1 2.9/1, ms1mx2.3/32, Error ellipse: s-maj=72.1km s-min=18.9km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LSA, SHL, CMAR, MKAR, SONMI, KURBB, ZALV, WRA, ASAR

JMA 03 13:17:22.4:0.1, 23:62N, 121:54E, h49km, 2km, M2.9, IDC 03 13:17:23.6:2.3, 64N, 121:57E, h46km, ML3.4, C

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TEGC, ESL, ESH, EHF, EHY, HWA, TWF1, TWD, WDT, CHKT, CHKT, WHF, WHF, YUS, YUS, SMLT, SMLT, ELDTW, ELDTW, TWT, TWT, TYC, TYC, ALS, ALS, ENA, ENA, NNS, NNS, CHN5, CHN5, WNT, WNT, STYT, STYT, TWG, TWG, WGW, WGW, CHN4, CHN4, WTP, WTP

JMA 03 13:17:22.4:0.1, 23:62N, 121:54E, h49km, 2km, M2.9, IDC 03 13:17:23.6:2.3, 64N, 121:57E, h46km, ML3.4, C

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, TEGC, ESL, ESH, EHF, EHY, HWA, TWF1, TWD, WDT, CHKT, CHKT, WHF, WHF, YUS, YUS, SMLT, SMLT, ELDTW, ELDTW, TWT, TWT, TYC, TYC, ALS, ALS, ENA, ENA, NNS, NNS, CHN5, CHN5, WNT, WNT, STYT, STYT, TWG, TWG, WGW, WGW, CHN4, CHN4, WTP, WTP

Table with columns: TWC, Suao, 1.00 12 P, Pn, 13 17 41.5 -0.4, 13 17 54.8 0.0, 13 17 42.6 +0.7, 13 17 55.2 +0.4, 13 17 41.1 -0.9, 13 17 54.2 -0.8, 13 17 42.8 +0.2, 13 17 56.7 +0.7, 13 17 42.5 -0.4, 13 17 55.5 -1.1, 13 17 42.1 -0.9, 13 17 55.8 -1.2, 13 17 43.5 +0.3, 13 17 57.6 +0.5, 13 17 43.6 +0.4, 13 17 58.4 +1.2, 13 17 43.2 0.0, 13 17 57.6 +0.3, 13 17 43.2 0.0, 13 17 57.8 +0.5, 13 17 43.5 +0.2, 13 17 57.3 -0.1, 13 17 45.4 -0.1, 13 18 01.6 +0.2, 13 17 46.2 +0.6, 13 18 03.3 +1.8, 13 17 46.8 +0.2, 13 18 03.1 -0.2, 13 17 48.2 +1.4, 13 17 48.0 +0.5, 13 17 47.4 -0.4, 13 17 48.8 +1.0, 13 17 47.6 -0.4, 13 18 05.9 0.0, 13 17 48.7 +0.4, 13 17 48.2 -0.2, 13 18 07.0 +0.5, 13 17 49.4 +0.3, 13 18 07.9 +0.2, 13 17 49.7 +0.2, 13 18 08.6 +0.1, 13 18 20.6 -0.2, 13 18 00.0 +0.6, 13 18 28.2 +1.9, 13 18 01.6 +0.1, 13 18 29.8 -0.2, 13 18 04.5 0.0, 13 18 34.1 -1.3, 13 18 44.1 0.0

TAP 03 13:19:26.8, 23:66N, 121:87E, h22km, ML2.5, C, JMA 03 13:19:26.4, 0.3, 23:67N, 121:88E, h29km, IDC 03 13:19:25.3:1.7, 23:62N, 121:93E, h0.06, h18km, 12km, n27, 0:66/36, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ESL, ESH, EHY, TWF1, CHKT, CHKT, WHF, WHF, YUS, YUS, SMLT, SMLT, ELDTW, ELDTW, TWT, TWT, TYC, TYC, ALS, ALS, ENA, ENA, NNS, NNS, CHN5, CHN5, WNT, WNT, STYT, STYT, TWG, TWG, WGW, WGW, CHN4, CHN4, WTP, WTP

CSEM 03 13:22:38.7:0.5, 40:47N, 34:95E, h2km, MD2.8, Error ellipse: s-maj=9.9km s-min=4.8km az=37.0, ISK 03 13:22:39.2, 40:42N, 34:92E, h4km, MD2.8, DDA 03 13:22:40.6, 40:38N, 34:84E, h7km, Md2.6, ISC 03 13:22:41.1, 7.40, 39N, 0:08, 34:84E, 0:04, h14km, 9km, n11, 0:16/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CORM, CORM, CORM, YOZ, YOZ, YOZ, CDAG, CDAG, CDAG, ELDT, ELDT, CUSAR, YAYX, YAYX

IDC 03 13:27:47.5:1.4, 18:90N, 147:25E, h0km, mb3.4/7, mb1 3.6/7, mb1mx3.5/34, mbtmp3.4/7, MS2.6/1, Ms1 2.6/1, ms1mx2.1/29, Error ellipse: s-maj=49.0km s-min=23.3km az=67.0

ISCJB 03 13:27:50.9:1.2, 18:9N, 0:1, 147:3E, 0:3, h33km, mb3.4/7, Error ellipse: s-maj=40.1km s-min=17.5km az=175.1, ISC 03 13:27:52.7:1.4, 18:9N, 0:2, 147:2E, 0:3, h35km, n11, 0:69/7, mb3.6/7, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, GUMO, H11S3, H11S1, H11S2, KRSR, WRA, SONMI, ASAR, ZALV, MKAR, ILAR

IDC 03 13:54:25.6:1.1, 32:34N, 92:95E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/52, mbtmp3.6/5, ML3.0/1, MS3.0/3, Ms1 3.0/3, ms1mx2.5/34, Error ellipse: s-maj=88.1km s-min=23.9km az=51.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MKAR, MKAR, KURBB, JOW, USRK, WRA, ASAR, TORD

ISCJB 03 14:12:37.2:0.3, 39:91N, 0:02, 29:15E, 0:03, h0km, Error ellipse: s-maj=3.7km s-min=2.9km az=143.2, ISK 03 14:12:37.1, 39:92N, 29:16E, h8km, ML2.2, DDA 03 14:12:37.1, 39:88N, 29:18E, h7km, Md2.9, CSEM 03 14:12:37.3:0.1, 39:91N, 29:14E, h1km, ML2.2, Error ellipse: s-maj=3.2km s-min=2.5km az=134.0, Mining explosion.

ISC 03 14:12:37.6:0.8, 39:92N, 0:02, 29:15E, 0:02, h0km, n46, 0:68/61, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ULDT, ULDT, ORLT, ORLT, IZI, IZI, MDNY, MDNY, MDNY, GEMT, GEMT, TVSB, TVSB, CAVI, CAVI, DURS, DURS, DURS, ADVT, ADVT, DEMI, DEMI, BORA, BORA, BORA, BALB, BALB, BNT, BNT, EDC, EDC, GONE, GONE, ISK, ISK, BALLY, BALLY, BALLY, MRMT, MRMT, KAND, KAND, KAND, KULA, KULA, AKHS, AKHS, AKHS, AKHS

3d 14h

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like AKS, AKS, MANT, MANT.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like WRA, FITZ, ASAR, MKAR, FINES.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like GTOI, GTOI, LUWI, LUWI, MRSI, MRSI, MRSI, MRSI.

ISCJB 03 14:30:53.4, 0.3, 27.19N, 102.94E, h10km, mb4.4/39, MS3.4/17, Error ellipse: s-maj=6.4km

IDC 03 14:30:53.3, 0.6, 27.24N, 103.10E, h0km, mb4.2/21, m1.4/3/21, m1mx3.2/38, mbtmp4.2/21, MS3.4/16, Ms1.3/16, ms1mx3.2/38, Error ellipse: s-maj=19.1km

BUII 03 14:30:55.7, 27.12N, 102.99E, h9km, mb4.6/25, mb4.8/19, ML4.3/20, Ms4.3/23, Ms7.3/23

MOS 03 14:30:56.8, 1.5, 27.20N, 102.87E, h33km, mb4.7/24, Error ellipse: s-maj=17.0km s-min=1.1km az=100.7

NEIC 03 14:30:59.1, 0.9, 27.23N, 103.05E, h43km, mb4.6/9, Error ellipse: s-maj=8.6km s-min=7.7km az=69.0

ISC 03 14:30:55.1, 0.4, 27.27N, 103.09E, h10km, n123, r149/120, mb4.5/39, MS3.4/17, 15C-7D, Yunnan

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like KMI, KMI, KMI, KMI, KMI, KMI, KMI, KMI.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like ENH, ENH, ENH, ENH, ENH, ENH, ENH, ENH.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like LZH, LZH, LZH, LZH, LZH, LZH, LZH, LZH.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CHTO, CHTO, CHTO, CHTO, CHTO, CHTO, CHTO, CHTO.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CMAR, CMAR, CMAR, CMAR, CMAR, CMAR, CMAR, CMAR.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like WHN, WHN, WHN, WHN, WHN, WHN, WHN, WHN.

2010 DEC

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like KKN, DMN, GKN, GKN, GKN, GKN.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like WMQ, WMQ, WMQ, WMQ, WMQ, WMQ.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like SONM, SONM, SONM, SONM, SONM, SONM.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like ULN, ULN, ULN, ULN, ULN, ULN.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like ZAK, ZAK, ZAK, ZAK, ZAK, ZAK.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like TLY, TLY, TLY, TLY, TLY, TLY.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like JUNU, JUNU, JUNU, JUNU, JUNU, JUNU.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like HIA, HIA, HIA, HIA, HIA, HIA.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like MKAR, MKAR, MKAR, MKAR, MKAR, MKAR.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like MKAR, MKAR, MKAR, MKAR, MKAR, MKAR.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like MKAR, MKAR, MKAR, MKAR, MKAR, MKAR.

102

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like OBN, OBN, OBN, OBN, OBN, OBN.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like BILL, BILL, BILL, BILL, BILL, BILL.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like WRAB, WRAB, WRAB, WRAB, WRAB, WRAB.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like WRA, WRA, WRA, WRA, WRA, WRA.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like BRTR, BRTR, BRTR, BRTR, BRTR, BRTR.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like ASAR, ASAR, ASAR, ASAR, ASAR, ASAR.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like AKASG, AKASG, AKASG, AKASG, AKASG, AKASG.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like KIEV, KIEV, KIEV, KIEV, KIEV, KIEV.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like FINES, FINES, FINES, FINES, FINES, FINES.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like ARCES, ARCES, ARCES, ARCES, ARCES, ARCES.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like VRI, VRI, VRI, VRI, VRI, VRI.

DJA 03 14:42:40.4, 0.3, 38.36S, 176.09E, h140km, M4.2/14, mb4.5/4, mB5.0/12, MLv4.0/14, Mw(m)B4.4/2, Mw(p)6.1/1, Jawa

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like Code, Station Name, Time, Res.

WEL 03 14:42:40.4, 0.3, 38.36S, 176.09E, h140km, M4.2/14, mb4.5/4, mB5.0/12, MLv4.0/14, Mw(m)B4.4/2, Mw(p)6.1/1, Jawa

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like Code, Station Name, Time, Res.

Table with columns: NGZ, NMHZ, COVZ, RAHZ, THVZ, HZ, FWVZ, WHVZ, TRVZ, WNVZ, RAGZ, SHGZ, MOVZ, KWHZ, BHZ, MWZ, MWZ, MWZ, ARHZ, WHHZ, MCHZ, VRZ, KRHZ, RIGZ, TKGZ, KNZ, HAZ, TWGZ, KHZ, PNHZ, KAHZ, MHGZ, HWZ, PKGZ, CNGZ, TSZ, LREZ, WPHZ, PUZ, PXZ, NEZ, WMGZ, MXZ, DVHZ, PRHZ, POWZ, ANWZ, PRWZ, MRZ, MRZ, TIWZ, CPWZ, OGWZ, HOWZ, KIW, TMWZ, MTW, CAW, DIWZ, TRWZ, PAWZ, WELZ, MSLW, TCW, PLWZ, TUWZ, NRZ, QNZ, BSWZ, THZ, KHZ, DSZ, LTZ, OXZ, MQZ. Includes station names, coordinates, and various parameters.

JMA 03 14:45:14.9.0.1, 23.86N, 121.62E, h38km, 2km
TAP 03 14:45:15.5, 23.89N, 121.60E, h38km, ML3.0, C
ISC 03 14:45:18.8.1.1, 23.83N, 0122.170E, 0.03, h14km, 9km, n46, e1801/82, 3C-3D, Taiwan

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Lists stations like HWA, HWA, ESF, TEGZ, ESL, ESL, TWD, TWD, EHY, EHY, WHF, WHF, WDT, WDT, ENA, ENA, TWF1, TWF1, TWT, TWT, NNS, NNS, SMLT, SMLT, YUS, YUS, TYC, TYC, TWC, TWC, CHKT, CHKT, ENTT, ENTT, ALS, ALS, TWS, TWS, ELDTW, ELDTW.

Table with columns: NSK, CHNS, TCU, TCU, TWQ1, STYT, STYT, CHN4, CHN4, TWA, TWA, WTP, WTP, TWG, TWG, TWB1, TWB1, CHY1, CHY1, CHY, CHY, NWF, NWF, NWF, NWF, TWK, TWK, CHN1, CHN1, CHN1, CHN1, JYNG, JYNG, JSD, JSD, SSM, SSM, EAST, EAST, EAST, EAST, SCZT, SCZT, IRIS, IRIS, JKRF, JKRF, JIJ, JIJ, JISG, JISG, JTJ, JTJ. Includes station names, coordinates, and various parameters.

IDC 03 14:46:40.8.6.0, 15.04N, 98.69W, h0km, mb3.4/4, mb1 3.7/6, mb1mx3.6/46, mbtpp3.4/6, ML3.3/2, MS3.3/4, Ms1 3.3/4, ms1mx2.9/18, Error ellipse: s-maj=108.8km s-min=43.7km az=9.0

ISC/JB 03 14:46:49.8.1.0, 16.17N, 0108.98W, 0.04, h11km, mb3.4/3, MS3.1/2, Error ellipse: s-maj=11.0km s-min=5.2km az=3.4

MEX 03 14:46:53.0.6.16, 11N, 98.45W, h16km, MD4.1
ISC 03 14:46:51.0.1.4, 16.22N, 0108.50W, 0.05, h11km, n14, mb3.4/3, MS3.4/3, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Lists stations like PNIG, PNIG, TLIG, TLIG, CAIG, CAIG, MEIG, MEIG, ARIG, ARIG, ZLIG, ZLIG, CMIG, CMIG, H06E1, H06E1, TXAR, TXAR, TXAR, TXAR, ANMO, ANMO, PDAR, PDAR, PDAR, PDAR, RPN, RPN, YKA, YKA, ILAR, ILAR.

ISC/JB 03 14:47:31.6.1.0, 36.1S, 02.104.7W, 0.2, h10km, mb3.9/11, MS3.9/12, Error ellipse: s-maj=24.6km s-min=18.6km az=39.7

IDC 03 14:47:32.9.1.9, 35.86S, 104.53W, h0km, mb4.1/10, mb1 4.3/10, mb1mx4.1/32, mbtpp4.1/10, MS3.8/13, Ms1 3.8/13, ms1mx3.7/22, Error ellipse: s-maj=59.6km s-min=21.9km az=29.0

NEIC 03 14:47:33.6.0.7, 36.03S, 104.63W, h10km, mb4.1/1, Error ellipse: s-maj=18.3km s-min=13.7km az=28.0
ISC 03 14:47:33.4.1.1, 36.0S, 02.104.7W, 0.2, h10km, n24, e064/14, mb3.9/11, MS3.9/12, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Lists stations like RPN, RPN, PLCA, PLCA, PLCA, PLCA, RKT, RKT, RKT, RKT, CFAA, CFAA.

Table with columns: CFAA, LVC, LVC, LPAZ, LPAZ, CPUP, CPUP, SIV, SIV, PPT, PPT, BDFB, BDFB, GSPA, GSPA, VNSA, VNSA, URZ, URZ, RPZ, RPZ, TXAR, TXAR, NVAR, NVAR, MAW, MAW, PDAR, PDAR, STKA, STKA, SCHO, SCHO, ASAR, ASAR, BRTR, BRTR, SONMI, SONMI. Includes station names, coordinates, and various parameters.

NIED 03 14:56:00.31.90N, 139.00E, h270km, Mw4.1 Best double couple: Mo:1.55000e+10, N1:171.00000e, S4:0.00000e, A:173.00000e. NP2:266.00000e, S86.00000e, 7.50.00000e

ISC/JB 03 14:56:49.2.0.4, 31.94N, 0.033, 139.01E, 0.06, h295km, mb3.6/2, Error ellipse: s-maj=7.4km s-min=4.6km

JMA 03 14:56:49.7.0.3, 31.89N, 139.01E, h294km, M3.7
IDC 03 14:56:51.4.1.3, 32.00N, 138.75E, h297km, 12km, mb3.5/2, mb1 3.2/6, mb1mx3.3/73, mbtpp4.1/26, Error ellipse: s-maj=17.9km s-min=9.9km az=84.0

ISC 03 14:56:50.5.0.6, 31.99N, 0.06, 138.99E, 0.08, h295km, n48, e138/56, mb3.9/21, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Lists stations like TK01, TK01, TK02, TK02, TTO1, TTO1, JHMK, JHMK, HMMJ, HMMJ, JIE, JIE, BSO1, BSO1, JWZ, JWZ, BSO2, BSO2, JNK, JNK, JAS, JAS, JAO, JAO, JEU, JEU, JRY, JRY, JRY, JRY, JAG, JAG, MJAR, MJAR, MJAR, MJAR, MAT, MAT, JTO, JTO, JFK, JFK, CBJ, CBJ, CBJ, CBJ, JNU, JNU, KSR, KSR, ASAJ, ASAJ, USRK, USRK, MAZ, MAZ, SO2, SO2, CMAR, CMAR, ZALV, ZALV, MKAR, MKAR, KURB, KURB, WRA, WRA, BVAR, BVAR, ASAR, ASAR, ARU, ARU, INK, INK, STKA, STKA, SPITS, SPITS, ARCES, ARCES, FINES, FINES, KBZ, KBZ, AKASE, AKASE, HFS, HFS, NOA, NOA, BRTR, BRTR, GERES, GERES.

HEL 03 14:58:37.5.0.5, 67.83N, 33.72E, h0km, ML2.0, Explosion
NAO 03 14:58:38.3.1.8, 67.70N, 33.59E, ML2.4
CSEM 03 14:58:38.2.0.7, 67.71N, 33.54E, h2km, ML2.4, Error ellipse: s-maj=14.3km s-min=9.6km az=66.0, Mining explosion.
ISC 03 14:58:37.3.2.1, 67.66N, 0.04, 33.8E, 0.1, h0km, n25, e1936/47, Baltic States-Belarus-Northernwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like Vario, Maaselka, Sodankyl, Rovaniemi, Kevo, ARCESS Array S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like KKKI, DMN, PKIN, Pulchoki, Kurbb, GUN, AB31, RAMN, BVAO, BVAR, TAPN, ODAN, AKTO, ZALV, SONM, BRTR, AKASO, FINES, ARCES, HFS, NB2, NOA, TORD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like ARPS, MGCD, TOO, SONM, PETK, MKAR, MKAR, MKAR, BVAR, BVAR, AKTO, ILAR, ARCES, TXAR, etc.

MOS 03 15:39:43.5, 2.7, 48.24N; 156.92E, h30km, mb4.3/1, Error ellipse: s-maj=72.1km s-min=7.9km az=83.3

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like SKR, SKR, SKR, PAU, PAU, PAU, ASAK, ASAK, RUS, RUS, RUS, RUS, PET, PET, UGLR, AVH, AVH, AVH, SMAR, SMAR, KOK, KOK, SDR, SDR, SPN, SPN, GNL, GNL, KZV, KZV, KBTR, KBTR, etc.

IDC 03 14:57:16.6, 1.4, 61.26S; 35.33W, h0km, mb4.0/2, mb1 4.0/2, mb1mx3.7/18, mbtmp3.9/2, Error ellipse: s-maj=97.0km s-min=53.8km az=105.0

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like VNA3, VNA1, VNA2, SNAA, TOR, ASAR, ILAR, etc.

IDC 03 16:02:01.5, 4.0, 14.44N; 91.75W, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.6/22, mbtmp3.3/4, Error ellipse: s-maj=146.7km s-min=67.2km az=44.0, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like TXAR, NVAR, YKA, ILAR, CMAR, etc.

AUST 03 16:04:59.9, 2.3, 6.86S; 102.96E, h24km, Error ellipse: s-maj=1.7km s-min=0.8km az=241.0

IDC 03 16:05:01.1, 0.8, 6.32S; 103.72E, h0km, mb4.3/15, mb1 4.4/15, mb1mx2.4/23, mbtmp4.3/15, MS2.9/4, Ms1 3.0/4, ms1mx2.6/45, Error ellipse: s-maj=34.6km s-min=13.2km az=50.0

ISCJB 03 16:05:03.0, 0.4, 6.58S; 0.04; 103.62E; 0.04, h35km, mb4.2/20, MS2.8/2, Error ellipse: s-maj=6.8km s-min=3.9km az=11.9

DJA 03 16:05:04.1, 2.7, 5.4; 10.4E, h17km, 12km, M4.6/16, mb4.7/10, mb5.1/4, MLv4.5/16, Mw(mb)4.5/4

NEIC 03 16:05:06.0, 0.7, 6.35S; 103.77E, h35km, mb4.4/7, Error ellipse: s-maj=24.7km s-min=6.9km az=221.0

ISC 03 16:05:05.1, 0.6, 6.52S; 0.07; 103.61E; 0.06, h35km, n86, c1945/84, mb4.3/20, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, ISC. Rows include stations like KASI, KASI, LWLI, LWLI, KLI, CGJI, CGJI, MDSI, MDSI, MNAI, MNAI, LHSI, LHSI, SKJI, SKJI, KSI, KSI, TNG, TNG, CNGI, CNGI, PMBI, PMBI, PMBI, PMBI, LEM, LEM, LEM, LEM, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like CISI, XMI, XMSI, PPBI, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like GUMO, MRSI, etc.

Main table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like MJAR, MAT, JNU, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like KAPI, TTSI, STKA, etc.

107

ILAR
Eielson Array 82.52 11 P P 17.55 16.8 +0.8
 0.9m, 0.3s, baz=228, slow=6.8, SNR=4.3
BRTR
Keskin Array B 146.35 31 PKPbc PKPab 18.02 35.6 -0.3
 1.1m, 0.7s, baz=46, slow=2.1, SNR=9.0

IDC 03 17:54:27.9, 7.9, 12.95S, 166.79E, h130km, 81km, mb3.6/5, mb1 3.7/6, mb1mx3.4/36, mbtmp4.0/6, Error ellipse: s-maj=61.6km s-min=28.0km az=156.0, ISCJB 03 17:54:31.5, 1.4, 1.3, 183.0:09.166:9E:0.2, h180km, mb3.7/4, Error ellipse: s-maj=24.6km s-min=11.5km az=166.2

AUST 03 17:55:00.5, 1.7, 16.20S, 165.53E, h302km, 1km, Error ellipse: s-maj=3.1km s-min=1.4km az=4.0, ISC 03 17:54:32.8, 1.6, 1.3, 25.0:167.0E:0.2, h180km, n12, c=087/13, mb3.6/4, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
DZM	Mont Dzumac	8.80	183	P	P	17	56	37	0.0
DZM		1.5m, 0.3s, baz=267, slow=2.2, SNR=4.3			S				17 58 15.1 -0.1
CTA	Charters Tower	20.97	248	P	P	17	59	01.4	-0.8
MTSU	Mount Surprise	22.34	255	P	P	17	59	15.8	-0.3
STKA	Stentons Creek	29.76	227	P	P	18	00	23.2	+0.6
WRA	Warramunga Arr	31.94	254	P	P	18	00	40.4	-1.5
ASAR	Alice Springs	32.95	247	P	P	18	00	49.9	-0.9
KNRA	Kunururra	37.05	261	P	P	18	01	25.2	-0.6
WRKA	Warakurna	38.24	246	P	P	18	01	35.6	-0.2
FITZ	Fitzroy Crossi	40.03	258	P	P	18	01	50.3	-0.3
SOEI	Soe	41.95	270	P	P	18	02	07.8	+1.3
MEEK	Meekatharra	47.11	246	P	P	18	02	48.1	+1.0
ILAR	Eielson Array	85.21	18	P	P	18	06	48.3	-0.3

WEL 03 17:59:37.0, 0.2, 39.56S, 174.82E, h140km, 2km, ML3.6/13, 19C-12D, Error ellipse: s-maj=0.8km s-min=0.8km az=90.0, North Island

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
WAZ	Wanganui	0.23	147	P	P	18	00	10.6	+0.2
LREZ	Lake Rotokare	0.34	288	P	P	17	59	56.6	+0.1
LRZ	Vera Road	0.44	354	P	P	17	59	56.5	-0.4
VRZ	Mangateitei	0.53	71	P	P	18	00	11.7	-1.3
MTVZ	Palmer Road	0.56	293	P	P	17	59	57.4	-0.1
PREZ	Durham Road	0.61	308	P	P	17	59	57.7	-0.2
DREZ	Mangahewa	0.62	321	P	P	17	59	57.7	-0.1
MHEZ	Turoa	0.62	65	P	P	17	59	57.8	-0.4
TRVZ	North Egmont	0.63	297	P	P	17	59	58.0	-0.1
DRZ	Dome Shelter	0.64	64	P	P	17	59	58.0	-0.4
FWWZ	Far West T-bar	0.64	62	P	P	17	59	57.9	-0.4
WNVZ	Whianiao	0.65	69	P	P	17	59	58.0	-0.3
COVZ	Chateau Observ	0.67	57	P	P	17	59	57.9	-0.4
KHEZ	Kahui Hut	0.68	293	P	P	17	59	58.3	-0.1
TUVZ	Taureua	0.69	44	P	P	17	59	57.8	-0.6
TUVZ	Tukino	0.71	66	P	P	17	59	58.5	-0.1
NGZ	Ngauruhoe	0.72	58	P	P	17	59	58.2	-0.5
MOVZ	Motuhanga	0.74	79	P	P	17	59	57.9	-0.3
PKEZ	Pukeiti	0.74	299	P	P	17	59	58.4	-0.4
WTVZ	West Tongariro	0.74	53	P	P	17	59	58.5	-0.4
NMEZ	Namu Road	0.74	281	P	P	17	59	58.4	-0.3
OTVZ	Oturere	0.77	59	P	P	17	59	58.9	-0.2
KRVZ	Karewarewa	0.78	54	P	P	17	59	58.8	-0.5
NWVZ	Newall Road	0.79	291	P	P	17	59	59.1	-0.1
KATZ	Kakaramea	0.90	49	P	P	17	59	59.8	-0.4
BHHZ	Black Hill Sta	0.96	86	P	P	17	59	59.8	-0.7
RITZ	Rihia Road	0.99	54	P	P	18	00	00.6	-0.2
TSZ	Takapari Road	1.01	120	P	P	18	00	00.9	0.0
AMZ				AML	AML	18	00	19.8	
POWZ	Post Office Ro	1.10	139	P	P	18	00	01.6	-0.1
PNHZ	Pukeni	1.12	109	P	P	18	00	01.8	-0.1
KRHZ	Mangatainoka R	1.24	152	P	P	18	00	02.9	-0.2
MWZ	Kaweka Forest	1.25	84	P	P	18	00	03.3	+0.1
DVHZ	Dannevirke	1.27	126	P	P	18	00	03.2	-0.9
KWZ	Otaki Cottage	1.32	168	P	P	18	00	03.7	+0.2
KIHZ	Kapiti Island	1.30	177	P	P	18	00	03.5	-0.2
KIWI				AML	AML	18	00	23.7	
KIWI				AML	AML	18	00	24.3	
PRWZ	Porirua	1.33	139	P	P	18	00	04.1	+0.2
BLKZ	Black Stump Fm	1.35	74	P	P	18	00	07.9	-0.6
BKZ				AML	AML	18	00	22.8	
BKZ				AML	AML	18	00	23.9	
DUVZ	D'Urville Isla	1.42	209	P	P	18	00	04.6	-0.3
HOWZ	Holdsworth Sta	1.44	159	P	P	18	00	04.9	-0.2
MCHZ	McNeill Hill	1.46	96	P	P	18	00	05.9	+0.5
TIWZ	Tintock	1.46	146	P	P	18	00	05.9	-0.1
TIWZ				AML	AML	18	00	26.0	
TIWZ				AML	AML	18	00	26.6	
ANWZ	Angora Road	1.56	126	P	P	18	00	06.5	+0.2
CANN	Cannon Point	1.56	173	P	P	18	00	06.3	-0.1
CAWZ				AML	AML	18	00	29.4	
CAWZ				AML	AML	18	00	30.9	
PRHZ	Birch Farm	1.56	136	P	P	18	00	06.3	-0.2
PRHZ	Porangahau	1.56	117	P	P	18	00	06.5	+0.1
KAHZ	Kahurangi	1.60	99	P	P	18	00	07.1	+0.1
MTWZ	Mount Morrison	1.68	162	P	P	18	00	07.3	-0.4
MTWZ				AML	AML	18	00	31.0	
MTWZ				AML	AML	18	00	31.9	
TCWZ	Tory Channel	1.70	194	P	P	18	00	07.8	-0.2
TCWZ				AML	AML	18	00	32.9	
ARHZ	Aroapaonui	1.71	81	P	P	18	00	08.2	+0.1
WELZ	Wellington	1.72	181	P	P	18	00	07.9	-0.3
WELZ				AML	AML	18	00	31.7	
WELZ				AML	AML	18	00	32.6	
TMWZ	Te Maipa	1.75	152	P	P	18	00	08.3	-0.3
BHWZ	Baring Head	1.84	179	P	P	18	00	09.2	-0.4
BHWZ				AML	AML	18	00	33.8	
BHWZ				AML	AML	18	00	34.9	
PAWZ	Paruawai Farm	1.88	166	P	P	18	00	09.6	-0.4
PAWZ				AML	AML	18	00	32.8	
PAWZ				AML	AML	18	00	34.0	
MSWZ	Moikau Station	1.88	170	P	P	18	00	09.6	-0.4
MSWZ				AML	AML	18	00	34.9	
MSWZ				AML	AML	18	00	35.0	
TRWZ	Traveller	1.95	160	P	P	18	00	10.4	-0.5
TUWZ	Tuamarina	1.98	199	P	P	18	00	10.6	-0.6
TUWZ				AML	AML	18	00	37.7	
TUWZ				AML	AML	18	00	38.5	
NWZ	Nelson	1.99	213	P	P	18	00	10.9	-0.7
PLWZ	Palliser	2.03	171	P	P	18	00	11.2	-0.7
QRZ	Quartz Range	2.16	234	P	P	18	00	12.1	-1.3
URZ	Urewera	2.21	55	P	P	18	00	12.5	-1.5
KNZ	Kokohu	2.28	77	P	P	18	00	13.9	-0.9
RIGZ	Rimuaua	2.44	70	P	P	18	00	16.1	-0.8
PRGZ	Paritū Road	2.46	76	P	P	18	00	17.3	-0.9
THZ	Topohoe	2.64	213	P	P	18	00	18.4	-1.0
HAZ	Te Kaha	2.94	53	P	P	18	00	21.0	-2.1
KHZ	Kahutara	3.01	198	P	P	18	00	23.3	-0.7
KHZ				AML	AML	18	00	59.7	
KHZ				AML	AML	18	00	59.8	
PUZ	Puketiti	3.07	62	P	P	18	00	23.1	-1.8
DSZ	Denimston Nort	3.17	225	P	P	18	00	24.6	-1.5
WMGZ	Waionatani S	3.31	59	P	P	18	00	26.2	-1.7
OXZ	Oxford	4.34	208	P	P	18	00	38.6	-2.3
MQZ	McQueen's Vall	4.45	201	P	P	18	00	39.8	-2.9

JMA 03 18:00:23.1, 0.5, 44.00N, 148.08E, h0km, M3.7, Kuril Islands

2010 DEC

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
NEM2	Nemuro 2	1.81	250	P	P	18	00	55.9	+0.4
NEM2				eS	S	18	01	19.7	+0.6
JRA	Rausu	2.14	269	P	P	18	01	00.6	+0.6
JNK	Nakash	2.47	281	P	P	18	01	05.2	+0.6
JAK	AKkeshi	2.66	249	P	P	18	01	08.2	+1.0
JAK				eS	S	18	01	40.9	+0.8
JTRK	Abashiri-Toko	3.01	271	P	P	18	01	14.1	+2.1
JAR	Ashorobuto	3.21	259	P	P	18	01	16.5	+1.8
JCH	Churui	3.71	250	P	P	18	01	23.4	+1.8
JCH				eS	S	18	01	42.0	+2.0
JNBK	Urakawa-nobuka	4.26	248	P	P	18	01	31.0	-1.8

ISCJB 03 18:00:48.6, 1.0, 32.88N, 0.06, 140.72E, 0.08, h65km, mb3.2/2, Error ellipse: s-maj=10.1km s-min=8.7km az=7.8, IDC 03 18:00:50.9, 3.3, 32.79N, 140.50E, h59km, 27km, mb2.8/2, mb1 3.1/3, mb1mx2.9/34, mbtmp3.1/3, ML3.0/1, Error ellipse: s-maj=65.7km s-min=17.5km az=82.0

JMA 03 18:00:50.5, 0.3, 32.98N, 140.67E, h61km, M3.1, ISC 03 18:00:50.1, 1.4, 32.89N, 0.09, 140.69E:0.10, h65km, n9, c=150/13, Southeast of Honshu

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name						

GRL	Gorelyy	4.11	37	PN	Pn	19 40 40.5 +2.1
GRL				S	Sn	19 41 28.7 +2.6
RUS	Russkaya	4.20	41	eP	Pn	19 40 38.7 -0.8
RUS				eS	Sn	19 41 25.0 -3.1
RUS	Russkaya	4.20	41	PN	Sn	19 40 38.7 -0.8
RUS				S	Sn	19 41 25.0 -3.1
RUS	Russkaya	4.20	41	eP	Pn	19 40 38.7 -0.8
PEAO	Petrovoplovsk-	4.42	30	ePn	Pn	19 40 43.8 +1.4
PETK	Petrovoplovsk-	4.42	30	P	Pn	19 40 43.9 +1.5
	52nm,0.3s,baz=199,slow=14,SNR=437			S	Sn	19 41 37.0 +3.8
PETK						
	3.0nm,0.3s,baz=199,slow=24,SNR=2.1					
PET	Petrovoplovsk	4.70	37	eP	Pn	19 40 46.3 +0.2
PET				eS	Sn	19 41 39.0 -0.8
PET	Petrovoplovsk	4.70	37	ePn	Pn	19 40 46.2 +0.2
PET				eS	Sn	19 41 40.7 +0.9
PET				MLR	MLR	
	comp=Z,400nm,16.0s					
PET	Petrovoplovsk	4.70	37	iP	Pn	19 40 46.2 +0.2
PET				AMB	AMB	19 40 46.8
	comp=Z,200nm,0.4s					
PET				eS	Sn	19 41 41.4 +1.6
PET				A	A	19 41 50.5
	comp=Z,17um,4.0s					
PET				A	A	19 41 58.4
	comp=Z,380nm,0.6s					
PET	Petrovoplovsk	4.70	37	ePn	Pn	19 40 46.4 +0.4
KOK	Koryaka	4.90	35	eP	Pn	19 40 50.8 +2.0
KOK				eS	Sn	19 41 45.5 +0.7
KOK	Koryaka	4.90	35	PN	Sn	19 40 50.8 +2.0
KOK				S	Sn	19 41 45.5 +0.7
KOK	Koryaka	4.90	35	eP	Pn	19 40 50.8 +2.0
UGLR	Uglovaya	4.90	36	eP	Pn	19 40 50.4 +1.5
UGLR				eS	Sn	19 41 45.9 +0.9
AVH	Avacha	4.91	35	eP	Pn	19 40 50.6 +1.6
AVH				eS	Sn	19 41 46.6 +1.4
AVH	Avacha	4.91	35	PN	Sn	19 40 50.6 +1.6
AVH				S	Sn	19 41 46.6 +1.4
SMAR	Somma	4.94	36	eP	Pn	19 40 50.8 +1.3
SMAR				eS	Sn	19 41 45.9 +0.0
SMAR	Somma	4.94	36	PN	Sn	19 40 50.8 +1.3
SMAR				S	Sn	19 41 45.9 +0.0
KRX	Arik	4.95	34	eP	Pn	19 40 51.1 +1.5
KRX				eS	Sn	19 41 45.6 -0.6
SDLR	Sedlovina	4.98	36	eP	Pn	19 40 50.6 +0.7
SDLR				eS	Sn	19 41 45.6 -1.2
SDLR	Sedlovina	4.98	36	PN	Sn	19 40 50.6 +0.7
SDLR				S	Sn	19 41 45.6 -1.2
GNL	Ganally	4.99	28	eP	Pn	19 40 52.1 +2.0
GNL				eS	Sn	19 40 52.1 +2.0
SPN	Mys Shipunski	5.33	43	eP	Pn	19 40 53.3 -1.9
SPN				eS	Sn	19 41 47.9 -6.9
SPN	Mys Shipunski	5.33	43	PN	Pn	19 40 53.3 -1.9
SPN				S	Sn	19 41 47.9 -6.9
KIL	Karymskiy	5.78	34	eS	Sn	19 41 01.0 +1.0
KIL				eS	Sn	19 42 03.5 -2.4
KIL	Karymskiy	5.78	34	PN	Pn	19 41 01.6 +1.0
KIL				S	Sn	19 42 03.5 -2.4
KUR	Kuril'sk	5.86	228	i/PN	Pn	19 41 03.1 +1.4
KUR				S	Sn	19 42 11.7 +3.9
KUR	Kuril'sk	5.86	228	eP	Pn	19 41 03.1 +1.4
KUR				AMB	AMB	19 41 07.8
	comp=Z,90nm,0.3s					
KUR				AMB	AMB	19 41 07.8
	comp=Z,160nm,0.3s					
KUR				iS	Sn	19 42 11.7 +3.9
KUR				A	A	19 42 15.8
	comp=Z,150nm,0.3s					
KUR				A	A	19 42 15.8
	comp=Z,50nm,0.3s					
KZV	Kizimen	6.94	31	eP	Pn	19 41 16.6 +0.5
KZV				eS	Sn	19 42 32.6 -1.2
KZV	Mys Kozlova	7.06	40	eP	Pn	19 41 15.4 -2.2
KZV				eS	Sn	19 42 29.1 -7.4
KZV	Mys Kozlova	7.06	40	PN	Pn	19 41 15.4 -2.2
KZV				S	Sn	19 42 29.1 -7.4
ESO	Esso	7.17	22	eP	Pn	19 41 21.6 +2.5
ESO				eS	Sn	19 41 21.6 +2.5
ESO	Esso	7.17	22	PN	Pn	19 41 21.6 +2.5
ESO				S	Sn	19 41 18.0 -4.0
SHO	Shikotan	7.38	225	eP	Pn	19 41 20.4
SHO				AMB	AMB	19 41 20.4
	comp=Z,200nm,0.3s					
SHO				eS	Sn	19 42 35.9 -8.4
SHO				A	A	19 42 41.0
	comp=Z,170nm,0.4s					
TYV	Tymovskoe	7.45	286	eP	Pn	19 41 26.1 +3.3
KMINR	Kamenistaya	7.45	28	eP	Pn	19 41 24.1 +1.2
KMINR				PN	Pn	19 41 24.1 +1.2
KMINR	Kamenistaya	7.45	28	PN	Pn	19 41 24.1 +1.2
KMINR				S	Sn	19 41 26.2 +1.4
KOZ	Kozyrevsk	7.60	26	eP	Pn	19 41 26.2 +1.4
KOZ				eS	Sn	19 41 27.4 +2.2
KOZ	Kozyrevsk	7.60	26	PN	Pn	19 41 26.2 +1.4
KOZ				S	Sn	19 41 27.4 +2.2
KPT	Kopyto	7.62	27	eP	Pn	19 41 27.4 +2.2
KPT				eS	Sn	19 41 28.8 +2.4
KPT	Kopyto	7.62	27	PN	Pn	19 41 27.4 +2.2
KPT				S	Sn	19 41 28.8 +2.4
KIRB	Krishev	7.65	28	eP	Pn	19 41 28.8 +2.4
KIRB				eS	Sn	19 41 28.8 +2.4
KIRB	Krishev	7.65	28	PN	Pn	19 41 28.8 +2.4
KIRB				S	Sn	19 41 28.8 +2.4
BZMR	Bezmyannaya	7.68	28	eP	Pn	19 41 28.8 +2.4
BZMR				eS	Sn	19 41 28.8 +2.4
BZMR	Bezmyannaya	7.68	28	PN	Pn	19 41 28.8 +2.4
BZMR				S	Sn	19 41 28.8 +2.4
SRDR	Sredinnyy	7.78	24	eP	Pn	19 41 28.8 +2.4
SRDR				eS	Sn	19 41 28.8 +2.4
SRDR	Sredinnyy	7.78	24	PN	Pn	19 41 28.8 +2.4
SRDR				S	Sn	19 41 28.8 +2.4
UGL	Uglegorsk	7.82	272	eP	Pn	19 41 27.4 -0.4
UGL				eS	Sn	19 42 44.4 +0.3
UGL	Uglegorsk	7.82	272	PN	Pn	19 41 27.4 -0.4
UGL				S	Sn	19 42 44.4 +0.3
UCL	Uglegorsk	7.82	272	erx	Pn	19 41 27.4 -0.4
UCL				rx	Pn	19 41 30.9 +2.7
UCL	Uglegorsk	7.82	272	PN	Pn	19 41 27.4 -0.4
UCL				S	Sn	19 41 30.9 +2.7
ZLN	Zelenaya	7.84	29	eP	Pn	19 41 30.9 +2.7
ZLN				eS	Sn	19 41 30.9 +2.7
ZLN	Zelenaya	7.84	29	PN	Pn	19 41 30.9 +2.7
ZLN				S	Sn	19 41 30.9 +2.7
YSS	Yuzh-Sakhalins	7.89	256	ePn	Pn	19 41 41.0 +1.2
YSS				erx	Pn	19 41 41.0 +1.2
YSS	Yuzh-Sakhalins	7.89	256	erx	Pn	19 41 41.0 +1.2
YSS				ePn	Pn	19 41 33.0 +4.2
	comp=Z,53nm,0.9s					
KLY	Klyuchi	8.04	28	eP	Pn	19 41 32.0 +1.2
BDR	Baidaraya	8.43	28	eP	Pn	19 41 36.5 +0.5
SRKR	Sorokina	8.49	28	eP	Pn	19 41 37.4 +0.6
SRKR				PN	Pn	19 41 37.4 +0.6
SMKR	Semkarok	8.52	29	eP	Pn	19 41 38.2 +0.9
SMKR				PN	Pn	19 41 38.2 +0.9
SMKR	Semkarok	8.52	29	PN	Pn	19 41 38.2 +0.9
SMKR				S	Sn	19 41 37.4 -2.1
KBTR	Krutoberegovo	8.69	35	eP	Pn	19 41 37.4 -2.1
KBTR				eS	Sn	19 41 37.4 -2.1
KBTR	Krutoberegovo	8.69	35	PN	Pn	19 41 37.4 -2.1
KBTR				S	Sn	19 41 37.4 -2.1
ASAJ	Asahikawa	9.41	240	P	Pn	19 41 51.0 +1.8
ASAJ				AMB	AMB	19 41 51.0 +1.8
	comp=Z,4.9nm,0.3s,baz=68,slow=14,SNR=38					
ASAJ				S	Sn	19 43 32.1 -1.3
	comp=Z,0.3nm,0.3s,baz=82,slow=15,SNR=1.5					
ASAJ	Asahikawa	9.41	240	ePn	Pn	19 41 51.8 +2.5
ASAJ				S	Sn	19 43 32.1 -1.3
MA2	Magadan	10.41	351	P	Pn	19 42 03.2 +0.9
MA2				LR	LR	19 46 06.0
	comp=Z,1.0nm,0.3s,baz=167,slow=16,SNR=5.0					
MA2				LR	LR	19 46 06.0
	comp=Z,50nm,19.6s,baz=125,slow=37					
ERM	Ermo	11.55	230	i/PN	Pn	19 42 03.9 -0.4
OSSR	Ossora	11.22	25	eP	Pn	19 42 14.8 +1.7
GRNR	Gornyy	11.38	284	eP	Pn	19 42 19.5 -4.0
GRNR				AMB	AMB	19 42 20.1
	comp=Z,50nm,1.0s					
HABR	Khabarovsk	12.49	273	ePn	Pn	19 42 29.6 -0.2
HABR				eS	Sn	19 44 47.5 -0.1
HABR	Khabarovsk	12.49	273	PN	Pn	19 42 29.6 -0.2
HABR				MLR	MLR	19 44 47.5 -0.1
	comp=Z,65nm,17.0s					
HABR	Khabarovsk	12.49	273	eP	Pn	19 42 29.6 -0.2
SEY	Seymchan	13.64	357	P	Pn	19 42 45.7 +1.4
SEY				PN	Pn	19 42 45.7 +1.4
SEY	Seymchan	13.64	357	i/P	Pn	19 42 46.0 +1.7
SEY				eP	Pn	19 42 46.0 +1.7
SEY	Seymchan	13.64	357	erx	Pn	19 42 47.0 -2.1
SEY				AMB	AMB	19 42 53.5
EKMR	Ekimchan	13.69	294	eP	Pn	19 42 53.5
EKMR				AMB	AMB	19 42 53.5
	comp=Z,50nm,0.9s					
EKMR				AMB	AMB	19 42 53.5
	comp=Z,100nm,0.9s					
KLR	Kul'dur	14.51	278	eP	P	19 42 57.5 -0.7
KLR				eP	P	19 42 57.5 -0.7
KLR	Kul'dur	14.51	278	erx	P	19 42 57.5 -0.7
KLR				P	P	19 43 13.6 -0.1
USRK	Usuriysk Ar.	15.91	259	P	P	19 43 13.6 -0.1
USRK				LR	LR	19 49 19.2
	comp=Z,0.8nm,0.3s,baz=63,slow=12,SNR=18					

3d 19h

Table with columns: ARU, SS, SS, 19 59 45.7 +0.3, etc. Lists various stations and their frequencies.

2010 DEC

Table with columns: HVU, Honsel Valley, 61.66 58 eP, P, 19 49 41.8 +1.8, etc. Lists various stations and their frequencies.

110

Table with columns: CLL, Colim, 74.33 336 eP, P, 19 50 58.6 -0.1, etc. Lists various stations and their frequencies.

ISCB J03 19:42:10.5:0.4, 33:11N, 0:02:35.44E, 0:02:11km, 3km, Error ellipse: s-maj=3.8km s-min=2.5km az=34.3 CSEM 03 19:42:10.5:0.2, 33:11N, 35:44E, h0km, 1km, MD2.5, Mw2.2, Error ellipse: s-maj=3.3km s-min=2.2km az=118.0 Gll 03 19:42:10.0:0.0, 33:10N, 35:44E, h2km, 2.5G, Mm2.2/8 NSSC 03 19:42:10.1:0.0, 33:07N, 35:44E, h0km, 2km, ML2.4 GRAL 03 19:42:11.3:0.6, 33:12N, 35:44E, h15km, 3km, MD3.3 ISC 03 19:42:10.7:0.9, 33:12N, 0:02:35.45E, 0:02:11km, 3km, n53, 0:05:57/86, Jordan-Syria region

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HWQ, MARH, DSI, ZALF, HAWK, YTI, etc.

PDG 03 19:48:21.4+0.2, 43.17N:18.81E, h3km, 2km, MD2.6/4, M2.5/13, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

CSEM 03 19:48:21.0+0.2, 43.17N:18.84E, h2km, ML2.5, Error ellipse: s-maj=2.4km s-min=2.4km az=108.0

BEO 03 19:48:22.0+0.3, 43.17N:18.84E, h3km, 3km, ML2.3/1, Error ellipse: s-maj=0.5km s-min=0.5km az=158.4

ISC 03 19:48:21.0+0.3, 43.17N:18.82E, h2km, 2km, MD2.6/4, M2.5/13, Error ellipse: s-maj=0.5km s-min=0.5km az=108.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like UPM, BRY, NIKSIC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like TEKS, GRUS, TRUS, SELS, etc.

CSEM 03 19:51:36.7+0.6, 41.78N:22.07E, h2km, ML2.1, Error ellipse: s-maj=12.8km s-min=6.5km az=31.0

ISCJB 03 19:51:37.1+0.9, 41.82N:0.05+22.01E, 0.07, h6km, Error ellipse: s-maj=9.2km s-min=3.2km az=36.2

BEO 03 19:51:38.2+1.1, 41.78N:22.24E, h2km, 2km, MD2.6/4, M2.5/13, Error ellipse: s-maj=0.5km s-min=0.5km az=158.4

ISC 03 19:51:36.6+1.2, 41.78N:0.06+22.07E, 0.04, h6km, m23, 0575/27, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like SKO, KKB, KKB, etc.

ISC 03 20:03:28.1+2.6, 43.06N:105.01W, h0km, mb2.71, mb1 3.6/3, mb1mx3.3/37, mbtmp3.3/3, ML2.41, MS3.1/5, MS1 3.1/5, ms1mx2.9/10, Error ellipse: s-maj=49.0km

NEIC 03 20:03:30.0+0.5, 43.31N:105.10W, h0km, ML3.3, Error ellipse: s-maj=7.4km s-min=6.6km az=176.0, Suspected Mining explosion.

NEIC 80 km [50 miles] NNE of Douglas. ISCJB 03 20:03:30.4+0.3, 43.49N:103.105+25W, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=3.3km az=158.4

ISC 03 20:03:30.2+0.8, 43.41N:104.105+17W, 0.03, h0km, n58, 1544/48, Wyoming

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like J25A, RSSD, I25A, K22A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CBKS, ECSD, CHMT, HLID, MSU, ELK, etc.

BEO 03 20:20:29.8+0.7, 43.41N:17.57E, h7km, 3km, ML2.8/1, PDG 03 20:20:30.6+0.4, 43.37N:17.66E, h3km, 1km, ML3.2/12, Error ellipse: s-maj=0.6km s-min=1.0km az=0.0

PRU 03 20:20:31.5, 43.49N:18.19E, h0km, Error ellipse: s-maj=4.8km s-min=3.4km az=53.0

ISC 03 20:20:30.9+1.1, 43.43N:102.47+173E, 0.03, h8km, 9km, n85, 1933/120, 24C-20D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like BRY, TREB, UNAC, NIKSIC, etc.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like MOA, VYHS, WTTA, MOTA, KHC, etc.

ISCJB 03 20:20:37.7, 0.7, 34.89N, 0.07, 140.44E, 0.07, h98km, 5km, mb3.2/3, Error ellipse: s-maj=12.5km s-min=8.3km az=35.9

ICC 03 20:20:38.7, 5.1, 34.73N, 140.28E, h84km, 30km, mb2.9/3, mb1.3/1.4, mb1mx2.9/42, mbtmp3.2/4, Error ellipse: s-maj=11.7km s-min=26.2km az=63.0

JMA 03 20:20:38.0, 0.2, 34.96N, 140.47E, h95km, 2km, M3.0, ISC 03 20:20:38.9, 1.1, 34.92N, 0.07, 140.44E, 0.07, h93km, 7km, n18, c050/26, mb3.3/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like BS04, BS03, Katsura, etc.

ICC 03 20:38:30.4, 5.1, 0, 13.53S, 166.54E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.6/3.1, mbtmp3.8/3, Error ellipse: s-maj=370.8km s-min=106.3km az=64.0, Vanuatu Islands

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

SJA 03 20:39:39.7, 0.4, 23.02S, 65.72W, h287km, 12km, ML3.2, MW3.0

ISCJB 03 20:40:30.0, 0.5, 23.03S, 0.03, 66.26W, 0.08, h242km, mb3.5/1, Error ellipse: s-maj=10.4km s-min=4.7km az=2.9

ICC 03 20:39:40.8, 1.2, 22.94S, 66.21W, h228km, 18km, mb3.4/1, mb1.3/3.6, mb1mx3.1/29, mbtmp3.9/6, Error ellipse: s-maj=26.6km s-min=15.1km az=109.0

ISC 03 20:39:40.5, 0.8, 23.04S, 0.05, 66.38W, 0.09, h242km, n16, c1999/24, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like LVC, FSA, CYA, etc.

ISCJB 03 20:49:09.9, 1.0, 6.35S, 0.1, 150.4E, 0.2, h33km, mb3.8/7, MS3.3/3, Error ellipse: s-maj=33.1km s-min=10.3km az=37.0

NEIC 03 20:49:10.7, 0.8, 6.31S, 150.56E, h35km, mb4.3/1, Error ellipse: s-maj=35.1km s-min=12.9km az=123.0

ICC 03 20:49:13.2, 2.6, 6.35S, 150.39E, h46km, 20km, mb3.8/7, mb1.4/0.8, mb1mx3.7/30, mbtmp4.0/8, ML1.9/1, MS3.2/5, Ms1.3/2.5, mb1mx2.9/19, Error ellipse: s-maj=39.0km s-min=15.0km az=120.0

ISC 03 20:49:11.4, 1.1, 6.35S, 0.2, 150.4E, 0.2, h33km, n16, c1935/17, mb3.9/7, MS3.4/3, New Britain region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like HNR, WRAB, WRA, ASAR, STKA, FITZ, etc.

CSEM 03 20:51:15.7, 0.2, 42.34N, 18.92E, h2km, ML2.6, Error ellipse: s-maj=4.2km s-min=3.5km az=48.0

BEO 03 20:51:15.7, 0.7, 42.37N, 18.92E, h0km, ML2.3/1, PDG 03 20:51:15.7, 0.4, 42.34N, 18.91E, h3km, 3km, MD2.6/4, ML2.6/10, Error ellipse: s-maj=0.6km s-min=1.0km az=0.0

ISC 03 20:51:15.7, 1.0, 42.35N, 0.02, 18.93E, 0.02, h3km, 10km, n59, c192/92, 11C-25D, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like BUM, BAJ, CEME, etc.

JMA 03 21:01:43.8, 0.1, 24.53N, 122.63E, h103km, 1km, M2.7, ISCJB 03 21:01:44.0, 0.5, 24.55N, 0.03, 122.67E, 0.02, h95km, 5km, Error ellipse: s-maj=5.9km s-min=2.5km az=169.4

TAP 03 21:01:44.2, 24.57N, 122.63E, h105km, ML3.6, C, ISC 03 21:01:44.7, 1.4, 24.54N, 0.05, 122.67E, 0.02, h96km, 8km, n51, c072/92, SD, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like JYNG, YOJ, EGS, etc.

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

ISC 03 21:05:39.6, 2.0, 6.93S, 128.72E, h0km, mb3.6/1, mb1.3/4.3, mb1mx3.3/2.1, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=131.4km s-min=31.4km az=67.0

ISC 03 21:05:40.9, 1.7, 7.05S, 0.1, 128.7E, 0.1, h10km, n10, c083/7, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like SOEI, FAKI, MTN, etc.

Table with columns: LUWI, FITZ, WRA, WRA, ASAR, ASAR, WSKA, MKAR. Includes station names, times, and other data.

IDC 03 21:15:48.0.2.2, 1.60N, 127.03E, h0km, mb3.3/3, mb1 3.3/3, mb1mx3.3/26, mbtmp3.3/3, Error ellipse: s-maj=184.7km s-min=24.7km az=66.0

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

AUST 03 21:24:58.7.10.0, 6.49N, 126.71E, h0km, 1km, Error ellipse: s-maj=3.1km s-min=1.5km az=36.0

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

IDC 03 21:25:31.3.0.1, 3.61N, 127.03E, 0.05, h48km, mb4.3/19, MS3.0/5, Error ellipse: s-maj=7.0km s-min=5.1km az=157.5

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

IDC 03 21:25:35.1.1.1, 3.44N, 126.94E, h77km, 11km, mb4.3/9, Error ellipse: s-maj=12.2km s-min=6.3km az=66.0

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

IDC 03 21:25:32.8.0.5, 3.60N, 127.00E, 0.07, h48km, n46, e137/43, mb4.2/19, MS3.3/5, Talaud Islands

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

IDC 03 21:45:33.6.3.7, 6.02S, 150.20E, h0km, mb3.0/2, mb1 3.3/3, mb1mx3.2/25, mbtmp3.1/2, Error ellipse: s-maj=142.3km s-min=47.3km az=117.0, New Britain region

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

IDC 03 21:47:36.9.1.9, 0.18N, 126.24E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.2/29, mbtmp3.2/3, Error ellipse: s-maj=176.2km s-min=25.4km az=65.0, Northern Molucca Sea

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

GRAL 03 21:50:09.9.0.3, 34.10N, 36.22E, h34km, 4km, MD2.8, ISCJB 03 21:50:10.4.0.5, 34.00N, 0.02, 36.23E, 0.03, h3km, 6km, Error ellipse: s-maj=4.5km s-min=3.6km az=40.3

CSEM 03 21:50:10.5.0.1, 33.99N, 36.21E, h2km, ML1.4, Error ellipse: s-maj=2.8km s-min=2.3km az=117.0

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

NSCC 03 21:50:10.2.1.3, 34.01N, 36.21E, h4km, 3km, MD1.1, ML1.4, ISCJB 03 21:50:10.4.0.1, 34.01N, 0.02, 36.22E, 0.02, h8km, 9km, n24, e0838/46, Jordan-Syria region

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

DORL Deir Qamar, Error ellipse: s-maj=2.2km s-min=1.7km az=117.0

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

RABH Abou Rabah, Error ellipse: s-maj=2.2km s-min=1.7km az=117.0

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

BIDA Albida, Error ellipse: s-maj=2.2km s-min=1.7km az=117.0

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

ISCJB 03 21:59:07.2.1.3, 13.4N, 0.1, 90.99W, 0.05, h38km, mb3.9/5, MS3.1/2, Error ellipse: s-maj=15.2km s-min=6.4km az=15.4

CASC 03 21:59:09.9.1.5, 31.59N, 90.84W, h32km, 9km, MD3.7, ISCJB 03 21:59:04.9.1.3, 13.33N, 0.1, 91.01W, 0.07, h38km, n22, e174/19, mb4.2/5, AC-3D, Near coast of Guatemala

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

Table with columns: CMIG, TKAL, TXLR, PDAR, NVAR, NVAR, ULM, SCHE, YKA, TORO, WRA, CMAR. Includes station names, times, and other data.

KRSC 03 22:04:16.8.0.5, 55.13N, 160.38E, h-1km, 2km, ML3.7, Kamchatka Peninsula

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

AUST 03 22:12:27.4.18.0, 18.88S, 174.72W, h402km, 4km, Error ellipse: s-maj=6.7km s-min=4.5km az=293.0

IDC 03 22:13:06.5.10.0, 19.40S, 178.12W, h618km, 99km, mb3.3/3, mb1 3.4/4, mb1mx3.0/25, mbtmp4.3/4, Error ellipse: s-maj=120.4km s-min=59.0km az=123.0, Fiji Islands region

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

IDC 03 22:33:00.8.1.0, 34.75N, 30.04E, h0km, mb3.8/5, mb1 3.8/10, mb1mx3.5/48, mbtmp3.8/10, ML2.5, Error ellipse: s-maj=20.8km s-min=18.0km az=171.0

ISCJB 03 22:33:01.2.0.3, 34.67N, 0.03, 30.00E, 0.02, h10km, mb3.8/7, Error ellipse: s-maj=3.8km s-min=2.6km az=21.4

HLW 03 22:33:02.2.35.01N, 29.92E, h31km, 12km, MD3.3, M13.4, ISK 03 22:33:03.2.34.72N, 29.93E, h26km, ML.7

NEIC 03 22:33:04.1.0.1, 34.79N, 30.05E, h26km, 19km, mb4.2/2, Error ellipse: s-maj=10.6km s-min=7.8km az=186.0

CSEM 03 22:33:04.1.0.1, 34.74N, 30.01E, h20km, 13.9km, Error ellipse: s-maj=4.8km s-min=3.2km az=15.0

NSCC 03 22:33:05.0.1.4, 34.63N, 30.42E, h3km, 81km, MD2.0, ML2.2

NIC 03 22:33:07.4.35.00N, 30.05E, h25km, mb4.2, ML3.9, ATH 03 22:33:10.4.34.56N, 29.00E, h5km, MD3.77

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

PDG	Podgorica	0.34	81	JP	Pg	22 49 03.5	-1.7
PDG	Podgorica	0.34	81	JPg	Pg	22 49 03.9	-1.3
TTG	Podgorica	0.34	81	JPg	Pg	22 49 03.9	-1.3
DRME	Dracevica, Mon	0.34	123	JPg	Sg	22 49 04.6	-0.6
DRME	Dracevica, Mon	0.34	123	JPg	Sg	22 49 04.6	-0.6
NKME	Niksic	0.41	16	JPg	Pg	22 49 05.1	-1.3
NKME	Niksic	0.41	16	JPg	Pg	22 49 05.1	-1.3
NKME	Niksic	0.41	16	JPg	Pg	22 49 05.1	-1.3
NKY	Niksic	0.46	18	JPg	Pg	22 49 05.8	-1.6
NKY	Niksic	0.46	18	JPg	Pg	22 49 05.8	-1.6
NKY	Niksic	0.46	18	JPg	Pg	22 49 05.8	-1.6
TREB	Trebinje	0.48	316	JPg	Pg	22 49 06.8	-0.9
TREB	Trebinje	0.48	316	JPg	Pg	22 49 06.8	-0.9
ULC	Ulcinj	0.53	141	JPg	Pg	22 49 07.4	-1.2
ULC	Ulcinj	0.53	141	JPg	Pg	22 49 07.4	-1.2
UPM	Unac-Piva	0.83	5	JPg	Pg	22 49 25.8	+0.5
UPM	Unac-Piva	0.83	5	JPg	Pg	22 49 25.8	+0.5
UPM	Unac-Piva	0.83	5	JPg	Pg	22 49 25.8	+0.5
PVY	Plav	0.88	75	JPg	Pg	22 49 28.2	+0.4
PVY	Plav	0.88	75	JPg	Pg	22 49 28.2	+0.4
PVY	Plav	0.88	75	JPg	Pg	22 49 28.2	+0.4
BEY	Berane	0.95	58	JPg	Pg	22 49 30.0	-0.2
BEY	Berane	0.95	58	JPg	Pg	22 49 30.0	-0.2
BEY	Berane	0.95	58	JPg	Pg	22 49 30.0	-0.2
IVA	Berane	0.95	58	JPg	Pg	22 49 30.0	-0.2
IVA	Berane	0.95	58	JPg	Pg	22 49 30.0	-0.2
PLE	Piljevija	1.05	24	JPg	Pg	22 49 31.0	+0.1
PLE	Piljevija	1.05	24	JPg	Pg	22 49 31.0	+0.1
PEJ	Peje	1.12	76	JPg	Pg	22 49 33.1	+0.6
PEJ	Peje	1.12	76	JPg	Pg	22 49 33.1	+0.6
SJES	Sjenica	1.24	44	JPg	Pg	22 49 38.0	-0.2
SJES	Sjenica	1.24	44	JPg	Pg	22 49 38.0	-0.2
SJES	Sjenica	1.24	44	JPg	Pg	22 49 38.0	-0.2
TIR	Tirane	1.30	142	JPg	Pg	22 49 43.3	+3.3
TIR	Tirane	1.30	142	JPg	Pg	22 49 43.3	+3.3
TIR	Tirane	1.30	142	JPg	Pg	22 49 43.3	+3.3
TIR	Tirane	1.30	142	JPg	Pg	22 49 43.3	+3.3
ZATK	Zatrig	1.35	86	P	Pn	22 49 23.1	-0.3
BBL	Lazići	1.55	16	JPg	Pn	22 49 26.9	+0.7
BBL	Lazići	1.55	16	JPg	Pn	22 49 26.9	+0.7
BBL	Lazići	1.55	16	JPg	Pn	22 49 26.9	+0.7
IVAS	Ivanjica	1.56	39	JPg	Pn	22 49 25.6	-0.6
IVAS	Ivanjica	1.56	39	JPg	Pn	22 49 25.6	-0.6
IVAS	Ivanjica	1.56	39	JPg	Pn	22 49 25.6	-0.6
PEI	Pezze di Greco	1.88	214	JPg	Pn	22 49 29.5	-1.0
SELS	Selova	1.90	63	JPg	Pn	22 49 31.0	+0.1
SELS	Selova	1.90	63	JPg	Pn	22 49 31.0	+0.1
SELS	Selova	1.90	63	JPg	Pn	22 49 31.0	+0.1
BAI	Bar	1.92	229	JPg	Pn	22 49 53.0	-2.2
BAI	Bar	1.92	229	JPg	Pn	22 49 53.0	-2.2
MESG	Mesagne	1.92	202	Pn	Pn	22 49 30.1	-1.0
MESG	Mesagne	1.92	202	Pn	Pn	22 49 30.1	-1.0
MESG	Mesagne	1.92	202	Pn	Pn	22 49 30.1	-1.0
DIVS	Divibare	1.93	26	JPg	Pn	22 49 58.8	+0.9
DIVS	Divibare	1.93	26	JPg	Pn	22 49 58.8	+0.9
DIVS	Divibare	1.93	26	JPg	Pn	22 49 58.8	+0.9
DIVS	Divibare	1.93	26	JPg	Pn	22 49 58.8	+0.9
GJIK	Gjilan	1.95	87	P	Pn	22 49 33.4	+0.7
GJIK	Gjilan	1.95	87	P	Pn	22 49 33.4	+0.7
NOCI	Noci	2.05	220	Pn	Pn	22 49 56.2	-2.4
NOCI	Noci	2.05	220	Pn	Pn	22 49 56.2	-2.4
NOCI	Noci	2.05	220	Pn	Pn	22 49 56.2	-2.4
GRUZ	Gruz	2.06	42	JPg	Pn	22 49 33.0	0.0
GRUZ	Gruz	2.06	42	JPg	Pn	22 49 33.0	0.0
TARI	Taranto	2.17	212	JPg	Pn	22 49 30.2	-4.4
TRUS	Trudelj	2.19	32	JPg	Pn	22 49 34.1	+0.7
TRUS	Trudelj	2.19	32	JPg	Pn	22 49 34.1	+0.7
TRUS	Trudelj	2.19	32	JPg	Pn	22 49 34.1	+0.7
SG1	Monte Sant'Ang	2.23	254	JPg	Pn	22 49 39.1	+0.2
MS1	Monte Sant'Ang	2.23	254	JPg	Pn	22 49 39.1	+0.2
TEKS	Tekeris	2.24	13	JPg	Pn	22 49 36.0	+0.5
TEKS	Tekeris	2.24	13	JPg	Pn	22 49 36.0	+0.5
TEKS	Tekeris	2.24	13	JPg	Pn	22 49 36.0	+0.5
MSAG	Monte S. Angel	2.25	254	JPg	Pn	22 49 36.2	+0.4
MSAG	Monte S. Angel	2.25	254	JPg	Pn	22 49 36.2	+0.4
BARS	Barje	2.27	78	JPg	Pn	22 49 36.9	+1.0
BARS	Barje	2.27	78	JPg	Pn	22 49 36.9	+1.0
CDT	Castel del Mon	2.29	237	JPg	Pn	22 49 35.3	-1.0
MATE	Matera	2.33	223	JPg	Pn	22 49 35.9	-0.9
MATE	Matera	2.33	223	JPg	Pn	22 49 35.9	-0.9
MATE	Matera	2.33	223	JPg	Pn	22 49 35.9	-0.9
BOVS	Bovan	2.47	58	JPg	Pn	22 49 39.0	+0.3
BOVS	Bovan	2.47	58	JPg	Pn	22 49 39.0	+0.3
SVIS	Švijačnik	2.58	42	JPg	Pn	22 49 41.4	+1.2
BLY	Banja Luka	2.65	334	JPg	Pn	22 50 15.1	+1.8
BLY	Banja Luka	2.65	334	JPg	Pn	22 50 15.1	+1.8
BLY	Banja Luka	2.65	334	JPg	Pn	22 50 15.1	+1.8
ACER	Acerenza	2.67	234	JPg	Pn	22 49 44.2	-1.7
ACER	Acerenza	2.67	234	JPg	Pn	22 49 44.2	-1.7
FGSL	Fruska Gora	2.88	14	JPg	Pn	22 49 44.0	-0.5
FGSL	Fruska Gora	2.88	14	JPg	Pn	22 49 44.0	-0.5
FRGS	Fruska Gora	2.88	14	JPg	Pn	22 49 44.0	-0.5
ZAPS	Zavoj	2.96	71	JPg	Pn	22 49 46.8	+1.4
ZAPS	Zavoj	2.96	71	JPg	Pn	22 49 46.8	+1.4
ZAPS	Zavoj	2.96	71	JPg	Pn	22 49 46.8	+1.4
MDRV	Moldovita	3.20	40	JPg	Pn	22 49 26.4	-0.7
MDRV	Moldovita	3.20	40	JPg	Pn	22 49 26.4	-0.7
MDRV	Moldovita	3.20	40	JPg	Pn	22 49 26.4	-0.7
TIP	Timpagrande	3.55	207	JPg	Pn	22 49 53.0	-0.4
TIP	Timpagrande	3.55	207	JPg	Pn	22 49 53.0	-0.4
BZS	Buzias	3.82	31	JPg	Pn	22 49 57.2	-0.1
BZS	Buzias	3.82	31	JPg	Pn	22 49 57.2	-0.1
BZS	Buzias	3.82	31	JPg	Pn	22 49 57.2	-0.1
BZS	Buzias	3.82	31	JPg	Pn	22 49 57.2	-0.1
PKSM	Moragy	3.84	358	JPg	Pn	22 50 42.5	+0.8
PKSM	Moragy	3.84	358	JPg	Pn	22 50 42.5	+0.8
PKSM	Moragy	3.84	358	JPg	Pn	22 50 42.5	+0.8
PTQR	Pietraquaria	4.03	267	JPg	Pn	22 50 00.0	-0.2
PTQR	Pietraquaria	4.03	267	JPg	Pn	22 50 00.0	-0.2
GZR	Gura Zlata	4.17	42	JPg	Pn	22 50 02.5	+0.4
GZR	Gura Zlata	4.17	42	JPg	Pn	22 50 02.5	+0.4
GZR	Gura Zlata	4.17	42	JPg	Pn	22 50 02.5	+0.4
NRCR	Norcica	4.22	278	JPg	Pn	22 50 03.0	+0.1
NRCR	Norcica	4.22	278	JPg	Pn	22 50 03.0	+0.1
BEHE	Becsehely	4.34	341	JPg	Pn	22 50 06.8	+2.4
BEHE	Becsehely	4.34	341	JPg	Pn	22 50 06.8	+2.4

SIRR	Siria	4.40	27	JPg	Pn	22 50 56.4	+0.1
SIRR	Siria	4.40	27	JPg	Pn	22 50 56.4	+0.1
SIRR	Siria	4.40	27	JPg	Pn	22 50 56.4	+0.1
SSFR	Montelago di S	4.55	286	JPg	Pn	22 50 07.8	+0.5
SSFR	Montelago di S	4.55	286	JPg	Pn	22 50 07.8	+0.5
FRON	Frontone	4.60	286	JPg	Pn	22 50 08.4	+0.3
FRON	Frontone	4.60	286	JPg	Pn	22 50 08.4	+0.3
FRON	Frontone	4.60	286	JPg	Pn	22 50 08.4	+0.3
FSSB	Fossombrone	4.61	289	JPg	Pn	22 50 09.1	+1.0
FSSB	Fossombrone	4.61	289	JPg	Pn	22 50 09.1	+1.0
SKDS	Skadanscina	4.69	314	JPg	Pn	22 50 09.5	+0.3
SKDS	Skadanscina	4.69	314	JPg	Pn	22 50 09.5	+0.3
ARR	Arges	5.17	53	JPg	Pn	22 50 17.5	+1.7
ARR	Arges	5.17	53	JPg	Pn	22 50 17.5	+1.7
ARR	Arges	5.17	53	JPg	Pn	22 50 17.5	+1.7
ARR	Arzberg	5.40	336	JPg	Pn	22 50 21.3	+2.3
ARR	Arzberg	5.40	336	JPg	Pn	22 50 21.3	+2.3
MLR	Muntele Rosu	6.02	56	JPg	Pn	22 50 28.3	+0.6
MLR	Muntele Rosu	6.02	56	JPg	Pn	22 50 28.3	+0.6
VYHS	Vyhne	6.12	0	JPg	Pn	22 50 31.3	+4.3
VYHS	Vyhne	6.12	0	JPg	Pn	22 50 31.3	+4.3
STHS	Stebnicka Huta	7.25	13	JPg	Pn	22 50 45.7	+1.4
STHS	Stebnicka Huta	7.25	13	JPg	Pn	22 50 45.7	+1.4
KHC	Kasperske Hory	7.68	333	JPg	Pn	22 52 21.4	+4.1
KHC	Kasperske Hory	7.68	333	JPg	Pn	22 52 21.4	+4.1

NIED 03 23:05:00, 24:00N, 123:60E, h38km, Mw3.9 Best double couple: Mb:27000±1014, M2:27000000±82000000, 1:130.00000°, N2:270.49.00000°, 3:75.00000°, 7:77.00000°

JMA 03 23:05:04.2, 0.1, 23.37N, 123.58E, h32km±1km, M3.6, Southwestern Ryukyu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res		
HATJ	Hateruma jima	0.22	67	P	Pb	23 05 10.6	-0.3
HATJ	Hateruma jima	0.22	67	P	Pb	23 05 10.6	-0.3
IRIF	Iriomote-Funau	0.39	21	P	Sb	23 05 15.5	0.0
IRIF	Iriomote-Funau	0.39	21	P	Sb	23 05 15.5	0.0
JKRS	Kuro-shima	0.47	56	P	Sb	23 05 19.0	-0.1
JKRS	Kuro-shima	0.47	56	P	Sb	23 05 19.0	-0.1
JJ	Ishigaki jima	0.65	53	P	Pb	23 05 21.6	+0.3
JJ	Ishigaki jima	0.65	53	P	Pb	23 05 21.6	+0.3
YOJ	Yonaguni jima	0.71	31	P	Sb	23 05 25.1	-0.9
YOJ	Yonaguni jima	0.71	31	P	Sb	23 05 25.1	-0.9
YONG	Yonagunijimaku	0.75	310	P	Sb	23 05 28.1	+0.1
YONG	Yonagunijimaku	0.75	310	P	Sb	23 05 28.1	+0.1
JYNG	Ishigakijimahi	0.91	47	P	Pn	23 05 29.0	-0.2
JYNG	Ishigakijimahi	0.91	47	P	Pn	23 05 29.0	-0.2
JISG	Tarama	1.22	57	P	Sb	23 05 29.5	-0.2
JISG	Tarama	1.22	57	P	Sb	23 05 29.5	-0.2
JTJ	Irabujima	1.69	59	P	Pb	23 05 32.6	+1.2
JTJ	Irabujima	1.69	59	P	Pb	23 05 32.6	+1.2
JIRB	Gusukube	1.84	64	P	Pb	23 06 01.3	+1.4
JIRB	Gusukube	1.84	64	P	Pb	23 06 01.3	+1.4

MEX 03 23:09:33.0, 4.0, 16.73N, 99:38W, h17km±11km, MD3.6, Near coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	Time	Res		
CAIX	Acapulco	0.98	287	eP	Pg	23 09 36.9	-6.1
CAIX	Acapulco	0.98	287	eP	Pg	23 09 36.9	-6.1

4d 1h

2010 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cibinong, Lembang, Warrungga Arr, etc.

IDC 03:23:55.09.3.1.4.27.75N.89.73E, h0km, mb3.8/4, mb1.3.9/5, mb1mx3.5/30, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=105.7km s-min=24.6km az=54.0

NEIC 04:00:54:21.4.1.7.9.67S:117.03E, h18km, 13km, mb4.3/5, Error ellipse: s-maj=16.0km s-min=8.3km az=222.0

ISC/JB 04:00:54:28.9.0.6.9.55S:0.06E:117.56E:0.05, h71km, n38, n174/39, mb4.4/8, Sumbawa region

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

Table with columns: HNR, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Honiara, Ussuriysk Ar, RAO, etc.

ISC/JB 04:00:59:02.6.0.4.49.46S:0.06E:121.9E:0.1, h10km, mb4.7/19, MS3.5/13, Error ellipse: s-maj=12.6km

NEIC 04:00:59:04.0.7.49.36S:121.84E, h10km, mb4.7/14, Error ellipse: s-maj=18.9km s-min=12.7km az=78.0

ISC 04:00:59:04.5.0.5.49.44S:0.07E:121.7E:0.1, h10km, n60, n185/48, mb4.6/19, MS3.5/13, 2C, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cape Leeuwin, NWA0, TAU, etc.

ISC 04:01:00:41.3.0.7.27.47S:0.06E:137.0W:0.05, h146km, n32, n123/49, mb4.0/4, Catamarca Province

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

ISC/JB 04:01:02:36.0.4.0.33.79N:0.02E:35.78E:0.03, h2km, 5km, Error ellipse: s-maj=6.3km s-min=3.3km az=0.7

ISC 04:01:02:36.8.1.0.33.79N:0.02E:35.77E:0.03, h7km, 8km, n28, n044/56, Jordan-Syria region

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

Table with columns: WMQ, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cibinong, Lembang, etc.

ISC/JB 04:01:00:40.4.0.4.27.47S:0.03E:67.34W:0.05, h146km, mb3.9/4, Error ellipse: s-maj=6.7km s-min=3.3km az=17.9

NEIC 04:01:00:40.5.0.7.27.42S:67.17W, h126km, 10km, mb4.1/3, Error ellipse: s-maj=16.3km s-min=8.4km az=87.0

ISC 04:01:00:41.3.0.7.27.47S:0.06E:137.0W:0.05, h146km, n32, n123/49, mb4.0/4, Catamarca Province

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

ISC/JB 04:01:02:36.0.4.0.33.79N:0.02E:35.78E:0.03, h2km, 5km, Error ellipse: s-maj=6.3km s-min=3.3km az=0.7

ISC 04:01:02:36.8.1.0.33.79N:0.02E:35.77E:0.03, h7km, 8km, n28, n044/56, Jordan-Syria region

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

ISC/JB 04:01:02:36.0.4.0.33.79N:0.02E:35.78E:0.03, h2km, 5km, Error ellipse: s-maj=6.3km s-min=3.3km az=0.7

ISC 04:01:02:36.8.1.0.33.79N:0.02E:35.77E:0.03, h7km, 8km, n28, n044/56, Jordan-Syria region

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

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

ISCJB 04 01:08:39.7±0.4, 50.03N±0.03, 18.49E±0.03, h0km, Error ellipse: s-maj=4.5km s-min=2.2km az=11.6

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

ISC 04 01:08:41.0±0.7, 49.99N±0.03, 18.55E±0.02, h0km, n50, r1500/81, 8C-7D, Czech and Slovak Republics

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

ISC 04 01:15:52.1, 39.19N±1.38E, h5km, MD2.8 DDA 04 01:15:52.4, 39.16N±1.32E, h7km, MD2.6

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

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

NEIC 04 01:13:10.0, 22.60S±0.70, 37W, h31km, ML4.6(GUC), After GUC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06, PB06, PB06, etc.

ISC 04 01:13:09.4, 1.6, 22.59S±0.04, 37W±0.07, h29km±13km, n21, r0599/25, mb4.0/3, 2C-3D, Near coast of northern Chile

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

ISC 04 01:15:52.1, 39.19N±1.38E, h5km, MD2.8 DDA 04 01:15:52.4, 39.16N±1.32E, h7km, MD2.6

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

ISC 04 01:15:52.1, 39.19N±1.38E, h5km, MD2.8 DDA 04 01:15:52.4, 39.16N±1.32E, h7km, MD2.6

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

ISC 04 01:15:52.1, 39.19N±1.38E, h5km, MD2.8 DDA 04 01:15:52.4, 39.16N±1.32E, h7km, MD2.6

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

ISCJB 04 01:53:22.0±0.6, 53.74N±0.03, 1.32E±0.06, h10km, Error ellipse: s-maj=6.5km s-min=3.3km az=141.8

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

ISC 04 01:53:23.1, 53.33N±0.07, 1.23E±0.04, h10km, n120, r184/154, North Sea

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

ISC 04 01:15:52.1, 39.19N±1.38E, h5km, MD2.8 DDA 04 01:15:52.4, 39.16N±1.32E, h7km, MD2.6

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

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GMM Mts of Mourne, GIVF Givet, GRRR Gorron, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VWF Saint-Julien-I, ESParras, SJPFF Ste Jean, etc.

NEIC 04 01:58:59.5, 43:63S:172:52E, h1km, ML3.8(WEL), After WEL. NEIC Felt in Canterbury. WEL 04 01:58:59.5, 43:63S:172:52E, h2km, ML3.7/18:5C, 1D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

BE0 04 02:14:18.5, 0:6, 43:11N:18:85E, h8km, 1.1km, ML1.7/5, Northwestern Balkan Peninsula. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSEM 04 02:15:25.5, 0:3, 50:13N:19:09E, h1km, Error ellipse: s-maj=7.4km s-min=4.1km az=2.0, PRU 04 02:15:26.4, 50:13N:19:09E, h0km, Poland

IDC 04 02:46:40.7, 8:7, 49:56S:123:22E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/18, mbtmp3.4/2, Error ellipse: s-maj=662.2km s-min=73.8km az=100.0, Western Indian-Antarctic Ridge. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAZ Te Kaha, HAZZ Pakihiroa, WNGZ Waioamata S, etc.

ISCJB 04 03:15:14.9, 0:8, 19:90S:0:04, 70:2W:0:1, h59km, 5km, mb4.0/4, Error ellipse: s-maj=16.5km s-min=6.1km az=5.1. NEIC Felt [V] at Huaru, Iquique and Pisagua; [III] at Alto Hospicio and La Tirana; [II] at Camina, Cerro Colorado, Cuya, Mamina and Pozo Almonte.

GUC 04 03:15:15.3, 0:5, 19:89S:0:04, 70:2W:0:1, h49km, 9km, n20, 1:14/25, mb4.0/4, 4d, Near coast of northern Chile. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSCG Pisagua, PB11 IPOC Station P, MNMC Minimimi, etc.

LVC Limon Verde 2.96 156 P Pn 03 16 02.0 +1.6. LVC comp=N, 82nm, 0.3s, baz=327, slow=8.9, SNR=82. LVC comp=N, 273nm, 21.1s, baz=0.5, slow=48. LVC Limon Verde 2.96 156 ePn Pn 03 16 11.1 +0.8.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPVZ La Paz, LPVZ comp=N, 6.1nm, 0.3s, baz=226, slow=3.0, SNR=182, LPVZ comp=N, 135nm, 19.8s, baz=203, slow=43, LVC Las Campanas, etc.

ISCJB 04 03:07:0.4, 0:6, 23:09N:0:04, 122:95E:0:03, h26km, Error ellipse: s-maj=6.5km s-min=3.1km az=161.4. JMA 04 03:07:0.0, 0:4, 23:00N:122:95E, h52km, M2.5. TAP 04 03:06:7.1, 4, 23:00N:122:91E, h54km, 9km, ML3.3, C. Station Name Array 145:03, 24 PKPbc PKPdf

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HATJ Hateruma jima, YJYG Yonagunijimaku, YJYJ Yonaguniji, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, PTL, Penteli, and other station identifiers. Includes stations like SHIIN, ISHIGAKI, PINLANG, etc.

ICD 04 03:42:20.5:1.8, 3.71S:99.42E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.7/41, mbmp3.7/8, Error ellipse: s-maj=68.1km s-min=20.1km az=52.0

ISCJB 04 03:42:23.4:0.8, 3.65S:0.06:99.57E:0.08, h33km, mb3.7/8, Error ellipse: s-maj=12.8km s-min=7.4km

DJA 04 03:42:23.4:2.5, 4.5S:6.9E:1.0, h34km, M3.9/8, MLV3.9/8

ISC 04 03:42:26.0:1.1, 3.59S:0.09:99.6E:0.1, h35km, n19, a102/18, mb3.8/8, Southwest of Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, PTL, Parakevi, etc. Includes stations like Pulau Pagai, Saibi, Padang Panjang, etc.

ICD 04 03:49:04.8:3.4, 6.46S:149.29E, h0km, mb3.3/2, mb1 3.6/4, mb1mx3.5/24, mbmp3.4/4, ML3.1, Error ellipse: s-maj=105.9km s-min=35.7km az=116.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, PTL, Port Moresby, etc. Includes stations like Port Moresby, Warramunga, etc.

BGR 04 03:48:50.3:35.84N:27.53E, h33km, mb4.8 HLW 04 03:49:04.9:36.63N:26.57E, h38km, mb4.8, M4.9 NSCC 04 03:49:05.2:0.8, 36.53N:26.60E, h14km, mb6.3, MD2.3, ML4.3

BUI 04 03:49:06.4:36.59N:26.06E, h131km, mb4.7/29, mb5.0/15 ISCJB 04 03:49:08.2:0.1, 36.41N:0.01:26.39E:0.01, h133km, 1km, mb4.0/78, Error ellipse: s-maj=2.2km s-min=1.5km

CSEM 04 03:49:08.9:0.1, 36.41N:26.42E, h130km, mb4.8/49, Error ellipse: s-maj=2.4km s-min=1.7km az=9.0

ATH 04 03:49:09.0:36.44N:26.39E, h123km, ML4.4 ICD 04 03:49:09.8:0.9, 36.67N:26.29E, h131km, mb4.3/24, mb1 4.4/29, mb1mx4.4/36, mbmp4.7/29, MS2.8/4, Ms1 2.9/4, ms1mx2.5/26, Error ellipse: s-maj=10.8km s-min=8.3km az=136.0

MOS 04 03:49:09.4:1.1, 36.53N:26.39E, h143km, mb4.7/35, Error ellipse: s-maj=5.8km s-min=3.1km az=105.3

PDG 04 03:49:10.2:0.4, 36.39N:25.37E, h13km, 1km, ML4.8/11, Error ellipse: s-maj=24.0km s-min=32.5km az=0.0

NEIC 04 03:49:10.9:36.42N:26.44E, h99km, mb4.8/44, After ATH.

ISK 04 03:49:10.5:36.55N:26.41E, h114km, ML4.3 THE 04 03:49:11.6:36.44N:26.39E, h121km, 2km, ML4.4/8, Error ellipse: s-maj=2.3km s-min=0.6km az=128.0

NIC 04 03:49:12.4:36.52N:26.81E, h27km, mb4.6, ML4.2 DDA 04 03:49:15.2:36.87N:26.72E, h25km, M4.0

ISC 04 03:49:09.2:0.5, 36.46N:0.03:26.39E:0.02, h128km, 3km, n1135, a1923/1303, mb4.7/78, 43C-63D, Dodecanese islands

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, PTL, Penteli, etc. Includes stations like NISIRO, NISYROS ISL, NISYROS ISL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, PTL, Penteli, etc. Includes stations like AKAS, ATHENS, BURDU, etc.

4d 3h

Table with columns: DST, Dursunbey, 3.60 29 ePN, Pn, 03 50 04.4 +0.8, PDO Prodromos, 4.66 299 eP, Pn, 03 50 19.3 +1.6, GULA Gulagac, 6.52 71 ePN, Pn, 03 50 44.0 +1.2

2010 DEC

Table with columns: PDO Prodromos, 4.66 299 eP, Pn, 03 50 19.3 +1.6, GULA Gulagac, 6.52 71 ePN, Pn, 03 50 44.0 +1.2

120

Table with columns: GULA Gulagac, 6.52 71 ePN, Pn, 03 50 44.0 +1.2, HBRG Burj al Arab, 6.54 153 P, Pn, 03 50 41.4 -1.5

Table with columns: Name, Date, Time, Location, and other details. Includes entries like PLE Pljevlja, TCHB Talchebab, TOH TOTAH, etc.

Table with columns: Name, Date, Time, Location, and other details. Includes entries like LIJUV Liptovska Anna, KEST Kesra, MOA Molin, etc.

Table with columns: Name, Date, Time, Location, and other details. Includes entries like BNI Bardonecchia, GRFO Grafenberg, GRFO Grafenberg, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOCHUM-UNIVER, MEMBACH, IAFJ, HGN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MESJ, PTO, EKA, ESK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ODAN, TAPN, ZAK, TSUM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CN2, USRK, KBL, KSH, WMQ, UNLN, ARU, KIEV, BUR04, KOLS, KOLS, KOLS, STHS, STHS, LANS, LANS, VYHS, VYHS, OJC, OJC, DPC, DPC, GERES, PRU, PRU, ILAR, MONP, CLL, CLL, SWSC, BELC, MPMC, ARCS, TUQ, NV01, NVAR, J04D, I04A, G03D, G05D, J05D, R11A, R11A, WVOR, WVOR, DLBC, WUAP, ESDC, G08A, 121A, TX31, TXAR, TXAR, TXAR, MSU, MNTX, MNTX, DUG, DUG, DUG, B10A, LAZ, HLD, HLD, 034A, 933A, 832A, ANMO, ANMO.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ANMO, MVCO, MVCO, 732A, 833A, 934A, 631A, 429A, 530A, 430A, 531A, 632A, 431A, 633A, 532A, 128A, 330A, BSMT, AHD, MSO, MSO, JCT, JCT, S22A, S22A, S22A, JMTT, BLMT, DLMT, 735A, 330A, 331A, YBMT, 432A, REDW, LRM, O20A, O20A, MSTX, MSTX, 534A, MOOW, LOHW, QLMT, 433A, 229A, 332A, 231A, SLMC, WALA, YFT, YMR, BOZ, BOZ, BOZ, SDCO, SDCO, H17A, H17A, Z30A, YNR, 232A, 535A, 333A, 131A, 434A, 434A, T25A, T25A, 738A, ABTX, ABTX, 435B, 233A, ESK, ESK, ESK, Z31A, AMTX, AMTX, Q24A, Q24A, Q24A, X30A, ISCO, ISCO, 133A, Y31A, 335A, 436A, 436A, HKT, HKT, HKT, RLMT, RLMT, GCMT, N23A, N23A, N23A, N23A, EDM.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EDM, 336A, 134A, WHTX, WHTX, Z33A, Y32A, X31A, K22A, K22A, PHWY, V30A, 438A, X32A, EGMT, EGMT, W31A, 337A, 236A, Y33A, Z34A, S28A, YKA, 338A, W32A, 136A, V31A, WMOK, KSCO, KSCO, X33A, 237A, Y34A, R28A, S29A, U31A, 440A, 339A, V32A, W33A, 238A, 137A, X34A, Z36A, Q28A, Q28A, 340A, T31A, U32A, P28A, X35A, W34A, W34A, 138A, V33A, Q29A, V36A, R30A, LAO, LAO, OGN, 139A, J25A, Z38A, X36A, W35A, V34A, V34A, Y37A, Q30A, RSSD, RSSD, N28A, R31A, S32A, I25A, CBKS, CBKS, CBKS, Q29A, U34A, U34A, P30A, J26A, V35A, W36A, Z39A, X37A, H25A.

4d 6h

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes entries like Q31A Ellis, R32A Long Quarter, I26A New Underwood, etc.

2010 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes entries like ULM Lac du Bonnet, D35A Milaca, I38A Scanlan Farm, etc.

126

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes entries like SHO Shikotan, SHO 210nm,1.0s, MYR Muzri, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like COLA College, ILAR Eielson Array, WMQ Urumqi, MKAR Makanchi Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like AKASG Malin Array, KIEV Kiev, OJC Ojcow, KOLS Kolonicke sedl, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ASAR, MSVF Nonsavu, STKA Stephens Creek, SOEI Soe, FITZ Fitzroy Crossi, etc.

IDC 04 08:28:06.3:0.6,5:82S:153°53'E,h0km,mb4.6/20, mb1.4,7/21,mb1mx4.5/44,mbtmp4.6/21,ML2.8/1,MS3.9/24, Ms1 3.9/24,ms1mx3.8/36,Error ellipse: s-maj=23.5km s-min=13.3km az=103.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PMG Port Moresby, PMG Port Moresby, COEN Coen, etc.

4d 9h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ULN Ulanbaatar, SHL Shilong, SONM Songoing Array, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL Collin, GERES GERES Array B, CPUP Villa Florida, etc.

MDD 04 08:31:09.5:2.1, 37.54N:16:21'W, h0km, mb3.0/7, Error ellipse: s-maj=24.2km s-min=13.8km az=133.0, PRXIMO CSEM 04 08:31:17.4:0.7, 37.82N:15:6'W, h10km, ML3.5/10, Error ellipse: s-maj=12.2km s-min=11.8km az=3.0, INMG 04 08:31:17.0:1.2, 37.34N:16:26'W, h10km, ML2.8, Error ellipse: s-maj=14.7km s-min=3.7km az=123.0, ISC 04 08:31:14.7:3.8, 37.75N:0:09.15'W, h2.0, h10km, n56, r1938/80, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PMPST Porto Santo, PMPST Porto Santo, PMAFR Mafrá, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MVO Moncorvo, EAGO Agolada(Pontev), EAGO Agolada(Pontev), etc.

CSEM 04 08:31:31.3:0.3, 49.84N:18:62'E, h1km, Error ellipse: s-maj=16.9km s-min=4.2km az=10.0, PRU 04 08:31:33.8, 49.84N:18:47'E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

IDC 04 08:37:57.2:2.6, 54.29N:85.94E, h0km, mb1.3/1/2, mb1mx3.0/40, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=19.0km s-min=12.2km az=48.0, Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 04 08:57:58.6:14.0, 18:125:166:97E, h0km, mb3.6/3, mb1.3/7/4, mb1mx3.5/30, mbtmp3.5/4, ML2.7/1, Error ellipse: s-maj=237.3km s-min=38.1km az=67.0, Vanuatu Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 04 09:04:30.2:4.0, 36:27N:70:88E, h152km:35km, mb3.4/10, mb1.3/5/14, mb1mx3.2/42, mbtmp3.8/14, Error ellipse: s-maj=27.6km s-min=17.8km az=31.0, ISCJB 04 09:04:33.2:0.4, 36:57N:0:04:71.0E:0:1, h188km, r152/35, mb3.5/9, 2C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CEP Cherat, CHCP Chirah Chowk, SARF Sargodha, etc.

Table with columns: YKA, WRA, ASAR, CSEM, PDG, BEO, ISO, Code, Station Name, Az, Phase ID, Time, Res. Includes data for Yellowknife Ar, Warramunga Arr, Alice Springs, etc.

Main table for Turkey region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Uludag, Orhanelli, Bursa, Iznik, Tavsani, etc.

Main table for Greece region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Thalerio, Anoyia, Sivas, etc.

Main table for Bulgaria region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Unac-Piva, Bratogost, Niksic, etc.

Table for NEIC 04 10:01:33.8... station list. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNPM, BRKL, HOM, etc.

Table for NEIC 10:04:26.0... station list. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNPM, BRKL, HOM, etc.

Main table for Southern Xinjiang region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ, MKAR, ZALV, etc.

Main table for Central Mediterranean Sea region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KYTH, ANKY, PYL, etc.

Main table for AUE, Kenai Peninsula region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AUE, RSO, REF, etc.

4d 11h

Table with columns: WHR, CCB, COLA, COLA, MDM, IL1, ILB, BCAA, IM3, COLD, BM3, TMUT. Includes station names, coordinates, and status.

DDA 04 10:27:03.6, 37.93N, 29.07E, h7km, MD2.7
ISCJB 04 10:27:04.2, 0.5, 37.92N, 0.03, 29.08E, h8km, 5km,
Error ellipse: s-maj=7.9km s-min=4.2km az=173.4

CSEM 04 10:27:04.1-0.2, 37.89N, 29.10E, h10km, MD2.8, Error
ellipse: s-maj=5.3km s-min=3.3km az=88.0
ISK 04 10:27:04.5, 37.88N, 29.00E, h14km, MD2.8
ISC 04 10:27:03.9, 0.9, 37.91N, 0.02, 29.10E, 0.04, h15km, 7km,
n20, c0547/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Denizi, Cakiroluk, Karahalli, Kula-Manisa, Manisa, Golhisar, Zeytinlikoy-Aydi, etc.

ISK 04 10:29:16.2, 38.25N, 37.60E, h5km, MD2.5
CSEM 04 10:29:17.8, 0.6, 38.14N, 37.61E, h5km, MD2.6, Error
ellipse: s-maj=16.0km s-min=11.6km az=108.0

ISCJB 04 10:29:19.4, 0.6, 38.30N, 0.03, 37.71E, 0.04, h0km, 9km,
Error ellipse: s-maj=6.0km s-min=5.1km az=30.3
DDA 04 10:29:20.1, 38.27N, 37.57E, h7km, MD2.6
ISC 04 10:29:18.0, 1.4, 38.24N, 0.05, 37.57E, 0.04, h4km, 13km,
n15, c115/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Akcadag, Darende-Malaty, Gaziantep, Kahramanmaras, Aykinkavak, etc.

CSEM 04 10:38:57.1, 1.1, 49.83N, 18.59E, h1km, ML0.9, Error
ellipse: s-maj=15.9km s-min=10.8km az=88.0
PRU 04 10:39:00.2, 49.87N, 18.42E, h0km
IPEC 04 10:39:58.6, 0.6, 49.84N, 18.54E, h0km, 9km, ML0.9/2,
Error ellipse: s-maj=4.0km s-min=2.1km az=95.0, Czech
and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ostrava-Krasne, VRAC, Dobruska-Polom, etc.

BUC 04 10:42:09.6, 0.3, 45.07N, 28.27E, h2km, 4km, MD1.8/2,
4C-4D, Error ellipse: s-maj=2.9km s-min=1.6km az=0.0,
Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Carcaliu, Dobruska-Polom, Moravsky, etc.

ISC 04 10:43:20.6, 2.6, 17.30S, 175.34W, h245km, 24km,
mb3.5/5, mb1 3.8/7, mb1mx3.4/36, mbtmp4.2/7, Error ellipse: s-maj=99.7km s-min=15.8km az=145.0, Tonga
Islands

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Afiamalu, Stephens Creek, WRR, ASAR, NVAR, ILAR.

ISC 04 10:43:59.1, 2.1, 3.53S, 99.98E, h0km, mb3.7/7, mb1 3.8/7,
mb1mx3.6/36, mbtmp3.7/7, Error ellipse: s-maj=88.4km
s-min=19.2km az=54.0
ISCJB 04 10:44:01.5, 2.0, 3.6S, 0.3, 99.9E, 0.4, h33km, mb3.7/7,
Error ellipse: s-maj=77.4km s-min=16.7km az=145.4
ISC 04 10:44:04.3, 2.2, 3.55S, 0.4, 100.0E, 0.5, h35km, n11,
c0978/8, mb3.7/7, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Diego Garcia H, Diego Garcia H, Warramunga Arr, etc.

ISC 04 10:55:56.9, 0.9, 5.47N, 124.18E, h550km, 137km, mb2.9/8,
mb1 3.0/8, mb1mx2.8/36, mbtmp3.8/8, Error ellipse:
s-maj=91.6km s-min=26.5km az=70.0, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Fitzroy Crossi, WRR, ASAR, STKA, SONM, MKAR, BVAR, AKTO.

ISCJB 04 11:06:54.7, 0.6, 35.89N, 0.05, 140.52E, 0.05, h36km, 7km,
mb3.4/5, Error ellipse: s-maj=9.0km s-min=6.3km az=30.7
JMA 04 11:06:54.8, 35.87N, 140.48E, h34km, 1km, M3.2
JMA 04 11:06:56.6, 7.1, 37.16N, 136.12E, h112km, 47km, mb3.1/5,
mb1 3.5/5, mb1mx3.1/42, mbtmp3.4/5, Error ellipse:
s-maj=66.7km s-min=23.8km az=112.0
ISC 04 11:06:54.9, 1.1, 35.89N, 0.05, 140.49E, 0.05, h29km, 8km,
n12, c117/18, mb3.5/5, 1C-2D, Near east coast of
Indonesia Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Choji, Yasoto, Hitachi, Boso, JHO, JHU, MJAR, MAT, ILAR, WRR, ASAR, NVAR, TXAR.

ISCJB 04 11:09:07.7, 1.4, 43.02N, 0.09, 146.21E, 0.08,
h45km, 20km, Error ellipse: s-maj=15.3km s-min=8.2km
az=157.9
JMA 04 11:09:08.1, 0.1, 43.00N, 146.16E, h47km, 1km, M3.1
SKHL 04 11:09:08.2, 1.1, 44.82N, 146.36E, h32km, 2km, mb4.4/2,
ISC 04 11:09:08.7, 2.1, 43.13N, 0.1, 146.20E, 0.08, h48km, 18km,
n11, c115/17, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nemuro 2, Shikotan, Yuzh-Kuril'sk, etc.

ISC 04 11:12:27.8, 3.0, 6.77S, 155.11E, h0km, mb3.6/3,
mb1 3.2/5, mb1mx3.6/30, mbtmp3.8/4, ML1.9/1, MS3.2/5,
Ms1 3.2/5, ms1mx2.8/29, Error ellipse: s-maj=98.0km
s-min=37.5km az=125.0, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Port Moresby, WRR, ASAR, AFI, URZ, MKAR, TORD.

ISC 04 11:13:57.2, 2.3, 15.27S, 174.26W, h0km, mb4.2/5,
mb1 4.4/5, mb1mx3.9/27, mbtmp4.2/5, Error ellipse:
s-maj=151.9km s-min=28.4km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Charters Tower, Stephens Creek, WRR, ASAR, NVAR.

WEL 04 11:14:43.0, 3.0, 36.53S, 176.79E, h221km, 3km, ML3.5/11,
4C, Error ellipse: s-maj=4.9km s-min=4.6km az=0.0, Off
east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HAZ, MXZ, URZ, WRR, WNGZ, MWZ, PUZ, TKGZ, CNZG, SNZG, RIGZ, CAW, KNZ, BKZ, ARHZ, MHGZ, KWHZ, MCHZ, WNVZ, BHHZ, KRHZ, KAHZ, PFXZ, BHZ, MRZ, OGWZ, KIW, TCU, QZ, THZ, KHZ.

JMA 04 11:30:55.1, 0.1, 25.31N, 143.10E, h83km, M4.2
JMA 04 11:30:56.4, 0.7, 25.65N, 142.67E, h0km, mb3.9/17,
mb1 4.0/19, mb1mx3.9/55, mbtmp3.9/19, ML3.5/1, MS3.9/3,
Ms1 3.9/3, ms1mx2.7/41, Error ellipse: s-maj=23.1km
s-min=15.6km az=83.0
ISCJB 04 11:30:60.0, 0.5, 25.64N, 0.06, 142.7E, 0.1, h38km,
mb4.0/21, MS3.9/3, Error ellipse: s-maj=17.9km
s-min=7.9km az=168.6

NEIC 04 11:31:02.3, 1.1, 25.63N, 142.63E, h41km, 10km, mb4.4/4,
Error ellipse: s-maj=12.8km s-min=7.2km az=82.0
ISC 04 11:31:01.7, 0.7, 25.53N, 0.08, 142.7E, 0.2, h38km, n88,
c154/35, mb4.1/21, MS4.0/3, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Haha-jima-NKT, Chichi jima, Boso 1, JHU, JRY, Hitachi, MJAR, KRSR, KSAR, H1N1, H1N2, H1N3, SONM, WRAN, WRR, FITZ, ASAR, ZALV, ZALV, MKAR, KURK, KURB, ILAR, BVAR, BVAR, KKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELAR Eielson Array, MKAR Makanchi Array, MKAR Makanchi Array, INK Inuvik, etc.

ISK 04 13:17:54.1, 38:57N:37:56E, h2km, MD3.0
DDA 04 13:17:54.4, 38:69N:37:51E, h7km, MD2.8
CSEM 04 13:17:54.0, 38:64N:37:49E, h2km, MD3.0, Error ellipse: s-maj=10.1km s-min=5.9km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DARE Darende-Malaty, CUGUR Gurin S'VAS, AKCD Akcadag, etc.

ISC/JB 04 13:20:32.5, 0.6, 6:97N:0.05x73:03W:0.05, h166km, mb3.6/8, Error ellipse: s-maj=8.2km s-min=6.0km az=111.5

FUNV 04 13:20:32.4, 6:81N:73:16W, h173km, MW3.6, IDC 04 13:20:33.8, 2.8, 6:85N:72:95W, h173km, 27km, mb3.4/8, mb1 3.7/9, mb1mx3.4/26, mbmp3.9/9, MS3.6/1, Ms1 3.9/1, ms1mx2.6/21, Error ellipse: s-maj=35.1km s-min=15.1km az=63.0

ISC 04 13:20:33.0, 0.7, 6:94N:0.07x72:97W:0.07, h166km, n27, a1515/38, mb3.5/8, 2D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAPV Capachio, VIGV El Vigia, SOCV Socops, SDV Santo Domingo, ELOV Elorza, etc.

CSEM 04 13:48:58.0, 0.1, 43:12N:18:76E, h2km, ML3.7, Error ellipse: s-maj=2.6km s-min=2.4km az=177.0
PDG 04 13:48:58.9, 0.3, 43:14N:18:74E, h3km, MD3.7/12, ML3.7/12, Error ellipse: s-maj=0.8km s-min=0.6km az=0.0
LDG 04 13:48:59.0, 0.1, 43:11N:18:87E, h2km, M3.8/19, Error ellipse: s-maj=3.7km s-min=1.8km az=179.0

PRU 04 13:49:01.3, 43:42N:18:82E, h0km
TIR 04 13:49:02.8, 2.4, 42:67N:18:57E, h4km, 75km, ML3.6
ISC 04 13:48:59.2, 0.3, 43:13N:0.01:18:70E:0.02, h6km, 6km, n207, a1974/265, mb3.4/5, 51C-3P, Northwestern Balkan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNAC Unac-Piva, BRAT Bratogost, NIKS Niksic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRES Cresnjev, SRE Strehia, GZR Gura Zlata, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SABA, SABA, SABA, SABA, SABA, ICMP, ICMP, CELP, CELP, CELP, CELP, OBIP, OBIP, SMRT, SMRT, SMRT, SMRT, SMRT, AOPR, AOPR, AOPR, AOPR, LRS, LRS, LRS, LSP, CRPR, CRPR, CRPR, CRPR, AGPR, AGPR, ANWB, SSG, Wally Bob, SSG, Wally Toucher, FNG, Fond-Bernard.

IDC 04 15:46:46.4.1.1, 6:25S:150.47E, h0km, mb4.0/6, mb1.4, 3/7, mb1mx3.8/40, mbtmp4.1/7, ML2.2/1, MS2.9/6, Ms1.2.9/6, ms1mx2.7/30, Error ellipse: s-maj=62.9km s-min=19.6km az=129.0

ISCJB 04 15:46:49.7.0.9, 6:33S:0.3:150.4E:0.3, h33km, mb3.9/5, MS2.5/5, Error ellipse: s-maj=50.8km s-min=11.1km az=44.2

NEIC 04 15:46:51.7.0.8, 6:30S:150.36E, h35km, mb4.1/1, Error ellipse: s-maj=43.6km s-min=12.9km az=131.0

ISC 04 15:46:51.3.1.1, 6:33S:0.3:150.4E:0.3, h33km, n15, 0:112/12, mb4.0/5, MS3.0/5, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, PMG, PMG, PMG, HNR, HNR, GUMO, WRAB, WRA, DZM, ASAR, STKA, STKA, FITZ, RAO, MJAR, ILAR, NVAR, TORD.

SJA 04 15:56:31.0.0.9, 24:15S:66:88W, h199km, 20km, ML2.7, MW2.7

ISCJB 04 15:56:32.0.5.24:18S:0.07:6:98W:0.07, h181km, Error ellipse: s-maj=13.0km s-min=4.4km az=40.9

GUC 04 15:56:33.6.0.6, 23:88S:67.51W, h252km, 17km, ML1.0

ISC 04 15:56:32.4.1.3, 24:15S:0.08:6:92W:0.07, h184km, n10, 0:696/18, Salta Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SML, SML, AZAP, FSA, FSA, FSA, ASB, IPOC Station P, PB06, PB06, PB06, AHML, AHML, PB09, PB09, PB09, PB10, PB10, PB10, PB04, PB04, PB04, PB07, PB07, RCP.

MAN 04 15:58:47.11.17N:124.71E, h19km, mb4.2, ML3.0, MS2.8, 1C-3D, Leyte

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

ISCJB 04 16:03:14.9.0.4, 24:86N:0.03:123.04E:0.02, h129km, 3km, Error ellipse: s-maj=5.7km s-min=2.1km az=163.9

TAP 04 16:03:15.7.24:94N:122.98E, h127km, ML4.1, C JMA 04 16:03:15.2.0.2, 24:90N:123.00E, h129km, 2km, MS3.5

ISC 04 16:03:14.3.1.3, 24:87N:0.05:123.04E:0.03, h138km, n71, 0:1516/131, 1D, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ, YOJ, JYNG, JYNG, IRIF.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF, TWB1, TWB1, HATJ, HATJ, HATJ, JKRS, JKRS, JKRS, Suao, Suao, TWC, TWC, JJJ, JJJ, NWF, NWF, JISG, JISG, TWE, TWE, ENA, ENA, TWA, TWA, TWA, ENT, ENT, ENT, TWS1, TWS1, JTJ, JTJ, TWD, TWD, TWD, TWD, NSK, NSK, NNS, NNS, NNS, HWA, HWA, WHF, WHF, TEGC, TEGC, TEGC, ESL, ESL, TWT, TWT, TWT, JIRB, JIRB, JIRB, JIKM, JIKM, JIMJ, JIMJ, WDT, WDT, WDT, EHY, EHY, EHY, NSY, NSY, TWQ1, TWQ1, TWQ1, JOGS, JOGS, JOGS, SMLT, SMLT, TWF1, TWF1, TWF1, TYC, TYC, TYC, TCU, TCU, TCU, CHKT, CHKT, YUS, YUS, YUS, WNT, WNT, WNT, ALS, ALS, ALS, ELDTW, ELDTW, CHNS, CHNS, CHNS, WGG, WGG, WGG, STYT, STYT, STYT, CHN2, CHN2, CHN2, CHN4, CHN4, CHN4, WTC, WTC, WTC, TWG, TWG, TWG, WTP, WTP, WTP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWK, TWK, CHN1, CHN1, CHN1, WSF, WSF, SGST, SGST, SGST, ECL, ECL, ECL, CHN3, CHN3, SSD, SSD, SSD, LAY, LAY, LAY, TWM1, TWM1, EAST, EAST, EAST, SCZT, SCZT, SCZT, JKE, JKE, JKE, JAGN, JAGN, JUT2, JUT2, JNTH, JNTH, JNTH, JIH, JIH, JOW, JOW, JOKE, JOKE, JTK, JTK, JAMN, JAMN, JAM, JAM, JMZ, JMZ.

IDC 04 16:08:07.9.7.1, 21:28N:143.06E, h353km, 61km, mb3.2/11, mb1.3/31, mb1mx3.1/41, mbtmp3.9/13, Error ellipse: s-maj=49.1km s-min=18.8km az=163.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, MJAR, JNU, JNU, KRSR, KRSR, CMAR, CMAR, ZALV, ZALV, MKAN, MKAN, KURBB, KURBB, ILAR, ILAR, BVAR, BVAR, INK, INK, YAK, YAK, FINES, FINES, NVAR, NVAR.

ISCJB 04 16:08:42.7.0.5, 14:1S:0.1:172.45E:0.09, h604km, mb4.1/15, Error ellipse: s-maj=15.1km s-min=10.5km az=156.5

IDC 04 16:08:43.2.1.4, 14:06S:172.44E, h592km, 16km, mb3.5/15, mb1.3.8/18, mb1mx3.6/32, mbtmp4.6/18, Error ellipse: s-maj=18.0km s-min=11.0km az=148.0

ISC 04 16:08:44.0.1.0.6, 14:1S:0.1:172.43E:0.10, h604km, n27, 0:1515/30, mb4.2/15, 2C, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, HNR, HNR, AFJ, AFJ, URZ, URZ, PMG, PMG, CTA, CTA, STKA, STKA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, ASAR, MJAR, MJAR, PETK, PETK, CMAR, CMAR, NVAR, NVAR, ILAR, ILAR, SONM, SONM, PDAR, PDAR, TXAR, TXAR, YKA, YKA, MKAR, MKAR, ARCES, ARCES, FINES, FINES, NOA, NOA, GERES, GERES, FETA, FETA, DAVA, DAVA, ESDC, ESDC, TORD, TORD.

IDC 04 16:25:20.0.1.9, 18:38S:175.85E, h0km, mb3.7/5, mb1.4/1.5, mb1mx3.8/25, mbtmp3.7/5, MS3.3/10, Ms1.3.3/10, ms1mx3.0/32, Error ellipse: s-maj=123.9km s-min=24.7km az=154.0, Fiji Islands region

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EHY Hungye, TWE Neicheng, NSK Sangungu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like KMPI Kaimana, FAKI Fak Fak, SWI Sorong, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VAM Vamos, THRE Thra Island, SNT Santorini, etc.

DJA 04 17:18:30.0-0.4, 4'S:4'13.5"E, h152km, 7km, M4.5/10, mb4.6/7, mb4.8/4, MLV4.5/10, Mw(mb)4.1/4
IDC 04 17:18:37.1-1.1, 4'83S:133'48E, h0km, mb3.7/5, mb1.4/1.1, mb1mx3.9/44, mbmp4.0/11, ML0.6/6, MS3.5/8,

4d 18h

Table with columns: KPT, KPT, KOZ, SRDR, ESO, ESO, SDRL, SMAR, KRX, AVH, GNL, PETK, PETK, ASAK, APC, MJAR, ILAR, H1N2, H1N3, H1N1, YKA, MKAR, NVAR, CMAR, TXAR, WRA, ASAR. Includes station names, coordinates, and times.

IDC 04 17:34:33.31.4, 1179N-143.46E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/45, mbtm3.5/5, ML3.6/1, Error ellipse: s-maj=42.9km s-min=22.4km az=127.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUM0, WRA, CMAR, BVAR, ILAR.

IDC 04 17:39:16.1.2.7, 0.96S-15.69W, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.5/42, mbtm3.4/45, MS3.5/7, Ms1 3.5/7, ms1mx3.2/29, Error ellipse: s-maj=83.3km s-min=46.3km az=155.0

ISC 04 17:39:17.4.1.8, 1.0S-0147.1.8, 1.0S-0147.1.8, h10km, n20, 01f017, mb4.4/5, MS3.5/7, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10N2, H10N3, H10N1, H10N1A, H10S1, H10S2, TORO, BDFB, KEST, CPUP, LPAZ, GERES, BRTR, PLCA, NOA, FINES, ARCES, ULM, ASAR, WRA.

ISCJB 04 17:39:36.1.0.7, 13.80N-0108.9072W, 0.07, h96km, 6km, mb3.6/6, Error ellipse: s-maj=16.9km s-min=4km az=36.2

IDC 04 17:39:36.8.2.4, 13.89N-90.51W, h86km, 22km, mb3.4/6, mb1 3.6/9, mb1mx3.3/39, mbtm3.7/9, Error ellipse: s-maj=50.9km s-min=16.6km az=35.0

CASC 04 17:39:36.9.2.0, 13.67N-90.78W, h57km, 36km, MD3.4, ML4.2

MEX 04 17:39:42.0.4.0, 13.77N-91.09W, h30km, 36km, MD3.8, ISC 04 17:39:36.5.1.4, 13.8N-011.908W, 0.1, h83km, 10km, n28, 01f3040, mb3.6/6, 1C-5D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IXG, PCG, FUG, NBG, RTR, SBL, SBL, SNJE, BOQS, EGCS, SNET, SNET, LFU, LFRS, LBRS, SNVI, CCIG, PCIG, CMIG, JTS.

2010 DEC

Table with columns: JCR, JCR, CGA2, CBUS, TXAR, TKL, PDAR, NVAR, BBB, YKA, TORO, CMAR. Includes station names, coordinates, and times.

IDC 04 17:56:38.0.5.7, 4.57S-153.52E, h129km, 45km, mb3.2/7, mb1 3.5/8, mb1mx3.3/33, mbtm3.7/8, Error ellipse: s-maj=54.6km s-min=25.9km az=108.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, PMG, WRA, ASAR, STKA, FITZ, SONZ, MKAR, ILAR, TORO.

DJA 04 18:02:46.4.0.3, 2'S-212°E, h10km, M3.5/16, ML3.5/16, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TTSI, TTSI, PCI, SPSI, SPSI, APSI, BNSI, LUWI, BKSI, MRSI, BKB, BSSI, GTOI, KBKI.

AUST 04 18:04:04.7.6.99S-126.52E, h300km, ISCJB 04 18:04:06.9.0.4, 7.28S-0104.61267E, 0.05, h300km, mb3.9/2, Error ellipse: s-maj=6.2km s-min=5.0km az=14.2

IDC 04 18:04:08.2.1.1, 7.38S-126.89E, h279km, 27km, mb3.6/3, mb1 3.7/9, mb1mx3.3/33, mbtm3.4/9, Error ellipse: s-maj=29.6km s-min=12.3km az=117.0

DJA 04 18:04:12.9.0.7, 7'S-4.127°E, h134km, 29km, M4.5/10, mb4.3/4, mb4.0/2, MLV4.7/12, MW(B)3.8/2

IDC 04 18:04:07.9.0.8, 7.35S-0106.126.80E, 0.07, h300km, n32, 01f58/33, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI, SOEI, NLAI, BATI, BATI, BATI, SAUI, SAUI, MASO, BBSI, SANI, LBMI, MTN, FAKI, KAPI, KDU, SIJU, SIJU, SWI, SWI, FITZ, FITZ, WAGI, WAGI, WRA, COEN, ASAR, ASAR, WRKA, QIS, MTSU, PME, CTA, STKA, STKA, CMSA.

144

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TCE, TCE, TPB, GUIV, TRN, TRN, TBH, TBH, GUNV, GUNV, BOT, BOT, TOSP, TOSP, GRW, GRW, ORIV, ORIV, SVB, SVB, SVV, SVV, CUPV, CUPV, BAUV, BAUV.

NEIC 04 18:21:36.0.32, 19N-115.27W, h7km, ML2.8(PAS), ML3.0(1CX), After ECX. ECX 04 18:21:36.0.32, 19N-115.27W, h7km, MD3.0, ML3.2, 6C-8D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG, CPBX, CPBX, CPBX, EMSC, SGL, RDX, RDX, RDX, RDX, ECN, DRE, COA, WESC, WESD, YUH, ECXB, ECXB, COO, RMX, RMX, IBP, GLA, GLA, ZAX, ZAX, CBX, CBX.

ISC 04 18:22:01.6.1.0, 51.99N-169.35W, h0km, mb3.4/6, mb1 3.8/9, mb1mx3.5/47, mbtm3.5/9, ML3.0/3, Error ellipse: s-maj=37.1km s-min=18.7km az=152.0

ISCJB 04 18:22:04.5.0.8, 52.1N-0.2169W, 0.1, h30km, mb3.4/6, Error ellipse: s-maj=25.5km s-min=13.3km az=153.5

ISC 04 18:22:06.1.0.52, 1N-0.2169W, 0.1, h30km, n9, 01f08/9, mb3.4/6, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDAK, KDAK, E10N, E10N, PETK, INK, INK, YKA, NVAR, NVAR, WRA, ASAR.

IDC 04 18:23:31.9.0.9, 52.09N-169.61W, h0km, mb3.7/9, mb1 3.9/11, mb1mx3.6/50, mbtm3.6/11, ML3.5/2, MS3.1/1, Ms1 3.1/1, mb1mx2.4/40, Error ellipse: s-maj=29.1km s-min=18.3km az=166.0

ISCJB 04 18:23:34.7.0.7, 52.2N-011.169.6W, 0.1, h30km, mb3.6/9, MS3.0/1, Error ellipse: s-maj=21.3km s-min=11.9km az=161.8

ISC 04 18:23:36.4.0.9, 52.2N-02.169.6W, 0.1, h30km, n16, 00f85/12, mb3.6/9, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDAK, ILAR, PETK, DLBC, INK, YKA, YBH, H1S1, H1S2, H1S3, PDAR, TXAR, MKAR, FINES, WRA, ASAR.

AUST 04 18:34:31.0.3.0, 9.08S-151.21E, h0km, Error ellipse: s-maj=1.4km s-min=0.8km az=276.0

DJA 04 18:34:32.7.1.9, 5.7S-175.1E, 1.3, h10km, M4.7/14, mb4.5/14, mb6.0/2, MLV4.7/11, MW(B)5.6/2

IDC 04 18:34:32.7.1.0, 8.99S-150.83E, h0km, mb4.1/14, mb1 4.2/17, mb1mx4.1/35, mbtm4.1/17, ML3.0/2, MS3.2/5, Ms1 3.3/5, mb1mx3.0/30, Error ellipse: s-maj=28.6km s-min=15.1km az=112.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
PMG	Port Moresby	3.57 262	Pn	18 35 31.9	+0.9	
PMG	Port Moresby	3.57 262	Pn	18 36 19.6	+7.7	
PMG	Port Moresby	3.57 262	Pn	18 35 32.0	+1.0	
PMG	Port Moresby	3.57 262	ePn	18 35 31.2	+0.3	
PMG	Port Moresby	3.57 262	Sn	18 36 19.6	+7.7	
RABL	Rabaul	4.93 17	P	18 35 49.3	-0.4	
COEN	Coen	8.93 235	P	18 36 44.4	-0.4	
COEN	Coen	8.93 235	ePn	18 36 42.7	-2.1	
HNR	Honiara	9.10 94	LR	18 39 43.7		
MTSU	Mount Surprise	11.06 214	P	18 37 13.9	-0.1	
CTA	Charters Tower	11.90 201	Pn	18 37 24.5	-0.8	
CTAO	Charters Tower	11.90 201	ePn	18 37 25.6	+0.3	
QIS	Mount Isa	15.78 222	Pn	18 38 19.1	+1.4	
EIDS	Eidsvold	16.34 179	ePn	18 38 25.8	+0.9	
RMQ	Roma	17.55 186	P	18 38 32.9	-0.8	
QLP	Quilpie	18.59 199	P	18 38 54.5	+1.6	
WRAB	Tennant Creek	19.25 234	eP	18 38 59.7	0.0	
WRA	Warramunga Arr	19.26 234	P	18 39 00.0	+0.2	
FAKI	Fak Fak	19.34 287	Pn	18 39 01.9	0.0	
MTN	Manton Dam	19.64 257	P	18 39 04.1	+0.1	
MTN	Manton Dam	19.64 257	eP	18 39 03.6	-0.4	
SIJ	Sorong	20.98 291	P	18 39 18.1	-0.5	
SIJ	Sorong	20.99 291	P	18 39 28.1	+9.4	
SWI	Sorong	20.99 291	P	18 39 17.9	-0.7	
AS01	Alice Springs	21.73 226	eP	18 39 27.0	+0.4	
ASAR	Alice Springs	21.73 226	P	18 39 27.1	+0.2	
KNRA	Kunururra	22.48 251	P	18 39 35.0	+0.4	
CMSA	Cobar Meteorol	22.97 191	P	18 39 39.0	-0.5	
STKA	Stevens Creek	24.35 199	P	18 39 52.6	-0.2	
STKA	Stevens Creek	24.35 199	LR	18 49 12.2		
STKA	Stevens Creek	24.35 199	P	18 39 53.3	+0.5	
STKA	Stevens Creek	24.35 199	eP	18 39 53.2	+0.4	
LBMI	Labu	24.57 288	P	18 39 56.7	+1.7	
FITZ	Fitzroy Crossi	26.02 247	P	18 40 07.8	-0.4	
FITZ	Fitzroy Crossi	26.02 247	P	18 40 07.7	-0.4	
FITZ	Fitzroy Crossi	26.02 247	eP	18 40 07.5	-0.6	
SOEI	Soe	26.13 266	P	18 40 09.8	+0.5	
SOEI	Soe	26.13 266	P	18 40 09.4	+0.1	
SOEI	Soe	26.13 266	eP	18 40 09.0	-0.3	
CAN	Canberra	26.30 183	eP	18 40 12.3	+1.7	
WRKA	Warakurna	26.70 230	P	18 40 13.8	-0.5	
BATI	Baumata	26.73 265	P	18 40 15.3	+0.7	
BATI	Baumata	26.73 265	P	18 40 15.3	+0.7	
BBOO	Bucklebo	27.36 208	eP	18 40 18.1	-2.0	
LUWI	Luwuk	28.93 284	P	18 40 39.2	+5.0	
LUWI	Luwuk	28.93 284	eP	18 40 29.9	-4.3	
MEEK	Miekkatharra	35.14 236	P	18 41 28.6	0.0	
JAGI	Jajag, Banyuwa	36.16 268	eP	18 41 34.6	-3.0	
BFZ	Birch Farm	38.88 149	eP	18 41 58.8	-1.4	
RPZ	Rata Peaks	38.90 156	LR	18 54 45.6		
PBKI	Pangkalan Bun	39.34 277	P	18 42 05.4	+1.0	
KSM	Kuching	41.60 282	eP	18 42 23.3	+0.2	
TPI	Tanjungpandan	43.27 275	P	18 42 36.5	-0.2	
MJAR	Matsushiro Arr	46.75 346	P	18 43 04.8	+0.8	
MJAR	Matsushiro Arr	46.75 346	LR	19 01 40.6		
NJ2	Nanjing	50.89 325	eP	18 43 34.4	-1.4	
NJ2	Nanjing	50.89 325	PMZ			
KULM	Kulim	51.50 284	eP	18 43 43.3	-0.4	
USRK	Ussuriysk Arr.	55.96 344	P	18 44 10.7	+0.7	
CMAR	Chiang Mai Arr	57.90 298	P	18 44 27.4	+0.2	
CMAR	Chiang Mai Arr	57.90 298	LR	19 12 14.5		
CD2	Chengdu	59.98 313	eP	18 44 41.7	+0.3	
CD2	Chengdu	59.98 313	sP	18 45 01.0	+4.9	
CD2	Chengdu	59.98 313	PMZ			
HHC	Hu-ho-hao-te	61.29 327	eP	18 44 52.0	+1.8	
HHC	Hu-ho-hao-te	61.29 327	pP	18 45 04.1	+3.2	
HHC	Hu-ho-hao-te	61.29 327	PMZ	18 53 06.4	-1.8	
HHC	Hu-ho-hao-te	61.29 327	LN			
HHC	Hu-ho-hao-te	61.29 327	LE			
HHC	Hu-ho-hao-te	61.29 327	LZ			
PETK	Petrovavsk	62.09 5	P	18 44 56.4	+1.2	
LZH	Lanzhou	62.85 318	eP	18 45 00.3	-0.6	
LZH	Lanzhou	62.85 318	pP	18 45 14.5	+2.9	
LZH	Lanzhou	62.85 318	sP	18 45 20.3	+4.6	
LZH	Lanzhou	62.85 318	eP	18 47 20.5	+1.0	
LZH	Lanzhou	62.85 318	PMZ			
LZH	Lanzhou	62.85 318	PMZ			
LZH	Lanzhou	62.85 318	LN			
LZH	Lanzhou	62.85 318	LE			
LZH	Lanzhou	62.85 318	LZ			
LZH	Lanzhou	62.85 318	PMZ			
SONM	Songino Array	68.78 330	P	18 45 39.4	+0.6	
LSA	Lhasa	68.96 306	eP	18 45 41.0	+0.3	
WMQ	Urumqi	77.43 319	eP	18 46 28.9	-1.1	
WMQ	Urumqi	77.43 319	pP	18 46 42.2	+1.3	
WMQ	Urumqi	77.43 319	sP	18 46 46.3	+1.3	
WMQ	Urumqi	77.43 319	PMZ			
WMQ	Urumqi	77.43 319	PMZ			

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
MAW	Mawson	80.98 203	P	18 46 48.2	-0.6	
QSPA	South Pole Qui	81.04 180	eP	18 46 51.1	+1.8	
MK01	Makanchi Array	82.11 320	eP	18 46 55.5	+0.3	
MKAR	Makanchi Array	82.12 320	P	18 46 55.2	0.0	
MKAR	Makanchi Array	82.12 320	eP	18 46 57.3	+2.1	
ZALV	Zalesovo Beam	83.47 327	P	18 47 01.8	-0.3	
AAK	Ala-Archa	86.04 314	eP	18 47 15.2	-0.3	
EKSZ	Eksin-Say	86.56 314	P	18 47 17.0	-1.0	
ILAR	Eielson Array	86.74 22	P	18 47 17.9	-0.3	
ABKR	Abkulkul array	97.22 319	P	18 48 04.4	-2.8	
TORD	Torodi Arr. Bea	149.35 281	PKPbc	18 54 24.6	+0.3	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
KSRS	Korea Array	16.01 318	LR	19 02 36.6		
WRA	Warramunga Arr	46.35 189	P	19 01 14.8	+0.3	
ASAR	Alice Springs	50.08 189	P	19 01 42.7	-0.6	
KURBB	Kurchatov Array	53.17 315	P	19 02 06.3	+0.2	
ILAR	Eielson Array	58.86 28	P	19 02 47.0	+0.2	
FINES	FINES Array B	74.44 334	P	19 04 48.3	-0.6	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
KSRS	Korea Array	16.01 318	LR	19 02 36.6		
WRA	Warramunga Arr	46.35 189	P	19 01 14.8	+0.3	
ASAR	Alice Springs	50.08 189	P	19 01 42.7	-0.6	
KURBB	Kurchatov Array	53.17 315	P	19 02 06.3	+0.2	
ILAR	Eielson Array	58.86 28	P	19 02 47.0	+0.2	
FINES	FINES Array B	74.44 334	P	19 04 48.3	-0.6	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
NIKH	Nikolski High	0.98 23	Op	19 02 42.9	+1.9	
NIKH	Nikolski High	0.98 23	S	19 02 57.4	+0.7	
OKCE	Okmok Cone E	1.58 30	Pn	19 02 52.8	+1.6	
OKTU	Okmok Mt. Tuli	1.58 33	Pn	19 02 52.9	+0.9	
OKFG	Magazine Ridge	1.65 35	P	19 03 15.7	+1.5	
OKFG	Magazine Ridge	1.65 35	S	19 02 51.8	-0.3	
OKAK	Okmok	1.66 24	P	19 03 02.9	+1.6	
MSON	Makushin Julie	2.33 40	Pn	19 03 04.6	+1.4	
MSW	Makushin Swite	2.46 41	P	19 03 06.0	+1.9	
UNV	Unalakula Valle	2.53 44	Pn	19 03 06.8	+1.8	
UNV	Unalakula Valle	2.53 44	S	19 03 06.3	+1.9	
MTBL	Makushin Table	2.55 41	P	19 03 10.1	+1.8	
ATKA	Atka Island	2.90 274	P	19 03 11.6	+2.0	
ZRO	Akon Zero	3.05 46	Pn	19 03 13.0	+1.8	
AKUT	Akutan	3.05 46	Pn	19 03 13.0	+1.8	
GSTD	Great Sitkin C	4.10 272	P	19 03 27.8	+1.8	
GSKC	Great Sitkin C	4.12 272	P	19 03 27.9	+2.0	
SDPT	Sand Point	6.28 55	ePn	19 03 37.4	+0.8	
KDAK	Kodiak Island	11.27 53	Pn	19 05 02.3	-1.6	
RCO1	Rabbit Creek A	14.09 42	ePn	19 05 41.4	-1.0	
SML	Sawmill	15.04 41	ePn	19 05 56.1	+0.7	
SML	Sawmill	15.04 41	sPn	19 06 37.4	+4.3	
BPAW	Bear Paw Mtn.	15.44 32	ePn	19 06 05.3	+0.1	
KLU	Klutina	15.90 44	ePn	19 06 05.3	-1.3	
MLY	Maly	16.16 29	ePn	19 06 14.2	+0.9	
ILAR	Eielson Array	17.24 34	Pn	19 06 22.4	-1.1	
PETK	Petrovavsk	19.86 286	P	19 06 53.8	-0.2	
INK	Inuvik	23.64 33	P	19 07 32.9	-1.0	
INK	Inuvik	23.64 33	eP	19 07 33.4	-0.5	
YKA	Yellowknife Ar	30.49 48	P	19 08 35.2	-0.5	
LOX	Longmire	31.02 81	P	19 08 38.5	-2.2	
NEW	Newport	33.16 75	eP	19 09 00.6	+1.2	
MCMT	McKenzie Canyo	37.41 78	eP	19 09 36.6	+0.4	
EGMT	Engleton	37.63 72	eP	19 09 38.2	+0.4	
NVAR	Mina Array Bea	37.74 90	P	19 09 39.7	+0.7	
H1S1	WAKE ISLAND Hy	38.36 218	T	19 50 53.2		
H1S2	WAKE ISLAND Hy	38.38 218	T	19 50 54.4		
H1S3	WAKE ISLAND Hy	38.38 218	T	19 51 21.4		
MJAR	Matsushiro Arr	39.61 268	LR	19 25 27.2		
BW06	Boulder Array	40.53 79	eP	19 10 00.5	-1.9	
PDAR	Pinedale Array	40.54 79	eP	19 10 02.9	+0.5	
PDAR	Pinedale Array	40.54 79	LR	19 24 56.3		
O20A	White River Ci	42.88 81	eP	19 10 22.0	+0.4	
PV01	Paradox Valley	43.92 84	eP	19 10 31.1	+1.1	
KSRS	Korea Array	45.36 277	LR	19 29 38.7		
KSCO	Kaye Shedlock	46.99 78	eP	19 10 38.9	-1.5	
TLY	Talaya	50.45 306	LR	19 32 53.3		
SUMG	Summit	51.08 17	eP	19 11 24.9	-0.5	
SONM						

4d 20h

YNR	Norris Junction	38.82	77	eP	P	P	20 10 04.7 +1.5
USRK	Ussuriysk Ar.	38.87	282	P	P	P	20 10 03.2 -0.1
USRK	comp=Z,3.6nm,0.7s,baz=45,slow=7.5,SNR=6.0						20 25 17.4
YES	Vestal, Richgr	38.91	94	P	P	P	20 10 04.1 +0.4
H17A	Grant Village	39.05	77	eP	P	P	20 10 07.0 +1.9
HVU	Hansel Valley	39.17	82	eP	P	P	20 10 06.9 +0.8
HVU	comp=Z,6.0nm,0.8s						
HVU	Hansel Valley	39.17	82	eP	P	P	20 10 06.9 +0.8
GRAC	Grapevine Rang	39.23	91	P	P	P	20 10 06.8 +0.4
MOOV	Moose Ponds	39.30	78	eP	P	P	20 10 07.7 +0.5
ISA	Isabella	39.41	94	eP	P	P	20 10 08.0 0.0
ISA	Isabella	39.41	94	P	P	P	20 10 08.4 +0.4
ISA	Isabella	39.41	94	eP	P	P	20 10 08.0 0.0
ISL	Red Lodge	39.45	75	P	P	P	20 10 08.0 -0.3
RLMT	Red Lodge	39.45	75	eP	P	P	20 10 09.8 +1.4
SBC	Santa Barbara	39.45	96	P	P	P	20 10 08.7 +0.5
REDW	Red Top Meadow	39.45	79	eP	P	P	20 10 08.9 +0.4
LOHW	Long Hollow	39.46	78	eP	P	P	20 10 09.9 +1.4
R11A	Troy Canyon, C	39.49	88	P	P	P	20 10 08.8 0.0
R11A	Troy Canyon, C	39.49	88	eP	P	P	20 10 09.3 +0.5
BGU	Big Grassy Mou	39.51	83	eP	P	P	20 10 09.3 +0.4
ARVC	Arvin	39.54	95	P	P	P	20 10 09.4 +0.5
DAC	Darwin (Calif)	39.55	92	eP	P	P	20 10 10.8 +1.5
DAC	comp=Z,7.0nm,1.0s						
DAC	Darwin (Calif)	39.55	92	eP	P	P	20 10 10.8 +1.5
MJAR	Matsushiro Arr	39.58	268	P	P	P	20 10 09.1 -0.3
MJAR	comp=Z,3.9nm,0.9s,baz=49,slow=7.1,SNR=9.3						20 26 12.2
MJAR	Matsushiro Arr	39.58	268	P	P	P	20 10 09.1 -0.3
MJAR	comp=Z,5.55nm,20.7s,baz=60,slow=36						
MJAR	Matsushiro Arr	39.58	268	P	P	P	20 10 09.1 -0.3
MJAR	comp=Z,4.0nm,0.9s						
MJAR	Matsushiro	39.59	268	eP	P	P	20 10 09.7 +0.3
MAJO	Matsushiro	39.59	268	eP	P	P	20 10 09.7 +0.3
MAJO	comp=Z,287nm,2.5s						
MAJO	Matsushiro	39.59	268	eP	P	P	20 10 09.7 +0.3
MAT	Matsushiro	39.59	268	P	P	P	20 10 08.5 -0.9
MAT	comp=Z,287nm,2.5s						
AHID	Auburn Hatcher	39.63	80	eS	S	S	20 16 11.6 +2.3
AHID	comp=Z,33nm,1.2s						20 10 10.9 +0.9
MPMC	Manual Prospec	39.76	93	P	P	P	20 10 11.2 +0.2
BSC	Santa Cruz Isl	39.80	97	P	P	P	20 10 11.6 +0.5
FURC	Furnace Creek,	39.88	92	P	P	P	20 10 12.2 +0.4
OSI	Osito Adit	39.94	95	P	P	P	20 10 12.8 +0.4
HWTU	Hardware Ranch	40.01	81	eP	P	P	20 10 11.4 -1.7
LRMC	Laurel Mountai	40.01	94	P	P	P	20 10 13.5 +0.4
BLG	Laguna Peak	40.07	96	P	P	P	20 10 13.8 +0.4
DUG	Dugway	40.08	84	eP	P	P	20 10 14.7 +1.1
DUG	comp=Z,1.6nm,1.2s						
DUG	Dugway	40.08	84	P	P	P	20 10 13.5 0.0
DUG	comp=Z,1.6nm,1.2s						
DUG	Dugway	40.08	84	eP	P	P	20 10 14.7 +1.1
MDJ	Mudanjiang	40.09	284	P	P	P	20 10 12.8 -0.6
MDJ	comp=Z,7.0nm,1.2s						
MDJ	Mudanjiang	40.09	284	P	P	P	20 10 12.8 -0.6
MDJ	comp=Z,150nm,4.7s						
MDJ	Mudanjiang	40.09	284	P	P	P	20 10 12.8 -0.6
MDJ	comp=Z,160nm,22.4s						
MDJ	Mudanjiang	40.09	284	P	P	P	20 10 12.8 -0.6
MDJ	comp=Z,210nm,24.6s						
MDJ	Mudanjiang	40.09	284	P	P	P	20 10 12.8 -0.6
EDW2	Edwards Air Fo	40.22	94	P	P	P	20 10 15.2 +0.5
LAO	LASA Array	40.42	72	P	P	P	20 10 16.0 -0.2
LAO	LASA Array	40.42	72	eP	P	P	20 10 17.5 +1.3
DECC	Green Verdugo	40.43	95	P	P	P	20 10 16.7 +0.3
BW06	Boulder Array	40.57	79	eP	P	P	20 10 17.3 -0.4
PDAR	Pinedale Array	40.57	79	P	P	P	20 10 18.4 +0.7
PDAR	comp=Z,7.5nm,0.9s,baz=90s,slow=5.2,SNR=18						20 25 32.6
SHOC	Shoshone	40.61	92	P	P	P	20 10 18.1 +0.3
MWC	Mount Wilson	40.61	95	eP	P	P	20 10 19.4 +1.3
MWC	comp=Z,26nm,1.4s						
MWC	Mount Wilson	40.61	95	eP	P	P	20 10 19.4 +1.3
GSC	Goldstone	40.67	93	eP	P	P	20 10 19.6 +1.1
GSC	comp=Z,19nm,0.9s						
GSC	Goldstone	40.67	93	P	P	P	20 10 18.7 +0.2
GSC	comp=Z,19nm,0.9s						
GSC	Goldstone	40.67	93	eP	P	P	20 10 19.6 +1.1
NLU	North Lily Min	40.67	84	eP	P	P	20 10 18.2 -0.4
DGMT	Dagmar	40.68	68	P	P	P	20 10 17.9 -0.4
BFSC	Mount Baldy Ra	40.85	95	P	P	P	20 10 20.3 +0.3
SHPR	Sheep Range	40.91	90	eP	P	P	20 10 21.3 +0.8
CIS	Catalina Islan	40.95	96	P	P	P	20 10 21.1 +0.4
A25A	Svangstu Ranch	41.06	67	P	P	P	20 10 21.0 -0.4
TUQ	Turquoise Moun	41.13	92	P	P	P	20 10 22.5 +0.2
SCI	San Clemente I	41.15	97	P	P	P	20 10 22.9 +0.5
FCC	Fort Churchill	41.25	50	eP	P	P	20 10 23.1 +0.3
FCC	comp=Z,6.1nm,1.1s						
FCC	Fort Churchill	41.25	50	eP	P	P	20 10 23.1 +0.3
HEC	Hector,Ludlow	41.28	93	P	P	P	20 10 23.7 +0.2
BBRC	Big Bear Solar	41.29	94	P	P	P	20 10 23.8 +0.1
CCUT	Cedar City	41.36	88	eP	P	P	20 10 25.9 +1.6
B25A	Knox Farm, 1.7s	41.37	68	P	P	P	20 10 23.7 -0.3
MSU	Marysvalde	41.49	86	eP	P	P	20 10 26.8 +1.5
MSU	Marysvalde	41.49	86	eP	P	P	20 10 26.8 +1.5
C25A	Freed Ranch, W	41.61	69	P	P	P	20 10 25.6 -0.4
A26A	Wade Farm, Ken	41.69	66	P	P	P	20 10 26.3 -0.3
GMRC	Granite Mounta	41.72	93	P	P	P	20 10 27.2 0.0
P17A	Butcher Ranch,	41.79	83	eP	P	P	20 10 29.2 +1.5
B26A	Jensen Ranch,	41.85	67	P	P	P	20 10 27.4 -0.5
D25A	Fairfield	41.87	69	P	P	P	20 10 27.8 -0.3

2010 DEC

P18A	Preston Nutter	41.99	83	eP	P	P	20 10 31.1 +1.6
PFO	Pinyon Flat Ob	42.01	95	LR	P	P	20 26 59.3
PFO	Pinyon Flat Ob	42.01	95	eP	P	P	20 10 29.2 -0.3
PFO	Pinyon Flat Ob	42.01	95	P	P	P	20 10 29.7 +0.1
PFO	Pinyon Flat Ob	42.01	95	eP	P	P	20 10 29.2 -0.3
BELO	Belle Mtn. Jos	42.03	94	P	P	P	20 10 29.9 +0.2
109C	Camp Elliot, M	42.10	96	P	P	P	20 10 30.6 +0.5
A27A	Leadou Ranch,	42.11	66	P	P	P	20 10 29.6 -0.4
SRU	San Rafael	42.14	84	eP	P	P	20 10 31.4 +0.8
SRU	comp=Z,13nm,0.9s						
SRU	San Rafael	42.14	84	eP	P	P	20 10 31.4 +0.8
BOD	Bodaibo	42.14	309	eP	P	P	20 10 28.3 -1.8
BOD	comp=Z,13nm,0.9s						
BOD	Bodaibo	42.14	309	eP	P	P	20 10 28.3 -1.8
E25A	Miller Ranch,	42.17	70	P	P	P	20 10 30.3 -0.3
C26A	Wahner Farm, P	42.21	68	P	P	P	20 10 30.5 -0.4
B27A	Peters Farms,	42.38	67	P	P	P	20 10 31.9 -0.4
D26A	Manning	42.44	69	P	P	P	20 10 32.4 -0.4
F25A	Bowman	42.45	71	P	P	P	20 10 32.5 -0.3
IRM	Iron Mountain	42.45	93	P	P	P	20 10 33.5 +0.5
K22A	Casper	42.47	77	P	P	P	20 10 33.0 -0.2
K22A	Casper	42.47	77	eP	P	P	20 10 33.4 +0.2
BAR	Barrett	42.51	96	eP	P	P	20 10 34.0 +0.5
BAR	comp=Z,20nm,1.2s						
MONP	Monument Peak	42.52	95	P	P	P	20 10 33.9 +0.2
BC3	Big Chuckawall	42.60	94	P	P	P	20 10 34.4 +0.2
A28A	Rude Farm, Bot	42.68	66	P	P	P	20 10 34.3 -0.4
E26A	Carlson Angus,	42.73	70	P	P	P	20 10 34.8 -0.3
B28A	Duggan Ranch, T	42.87	66	P	P	P	20 10 35.9 -0.3
SWSC	Sam W. Stewart	42.87	95	P	P	P	20 10 36.7 +0.4
G25A	Nevell	42.87	72	P	P	P	20 10 36.0 -0.3
IBP	Imperial Bould	42.88	95	P	P	P	20 10 36.8 +0.3
O20A	White River Ci	42.91	81	P	P	P	20 10 36.6 -0.3
O20A	White River Ci	42.91	81	eP	P	P	20 10 35.9 -1.0
D27A	Center	42.92	68	P	P	P	20 10 36.4 -0.3
F26A	Logepole	42.95	71	P	P	P	20 10 36.6 -0.3
CN2	Changchun	43.02	286	eP	PMZ	P	20 10 41.0 +3.6
H25A	Fruitdale	43.09	73	P	P	P	20 10 37.9 -0.2
Y12C	Blythe	43.11	93	P	P	P	20 10 38.6 +0.3
C28A	Hawauer Farms	43.25	67	P	P	P	20 10 38.9 -0.4
A29A	Manning Farm,	43.26	65	P	P	P	20 10 38.9 -0.5
E27A	Carson	43.27	69	P	P	P	20 10 39.1 -0.4
G26A	Maurine	43.30	71	P	P	P	20 10 39.6 -0.1
F27A	Lemmon	43.31	70	P	P	P	20 10 39.5 -0.3
HIA	Hailar	43.31	296	eP	P	P	20 10 38.6 -1.2
HIA	comp=Z,49nm,1.3s						
HIA	Hailar	43.31	296	eP	P	P	20 10 38.6 -1.2
I25A	Rochford	43.35	73	P	P	P	20 10 40.0 -0.4
GLA	Glamis	43.39	94	P	P	P	20 10 40.9 +0.3
D28A	Regan	43.43	68	P	P	P	20 10 40.4 -0.3
H26A	Fairpoint	43.58	72	P	P	P	20 10 41.6 -0.4
PV04	Paradox Valley	43.58	83	eP	P	P	20 10 42.6 +0.4
PV04	comp=Z,4.1nm,0.8s,baz=292,slow=11,SNR=4.9						20 10 54.5
MDND	Maddock	43.62	66	P	P	P	20 10 41.9 -0.3
MDND	Maddock	43.62	66	eP	P	P	20 10 42.6 +0.3</

4d 20h

2010 DEC

150

JCT	baz=54	Junction City	54.44	85	eP	P	20 12 05.0	-0.3
W38A	baz=54	Poteau	54.49	77	P	P	20 12 05.5	-0.1
NJ2	baz=54	Nanjing	55.40	278	eP	P	20 12 08.1	+2.4
NJ2	comp=Z,18nm,0.6s				PMZ			
Z36A	baz=54	Blue Ridge	54.56	80	P	P	20 12 06.2	+0.1
Y37A	baz=54	Hugo	54.57	78	P	P	20 12 06.1	-0.1
X38A	baz=54	Whitesboro	54.58	77	P	P	20 12 06.1	-0.1
532A	baz=54	Rocksprings	54.62	85	P	P	20 12 06.8	+0.1
433A	baz=55	Art	54.68	84	P	P	20 12 07.0	-0.1
631A	baz=55	Perdido Creek	54.71	86	P	P	20 12 07.4	+0.1
334A	baz=55	Lometa	54.80	83	P	P	20 12 07.8	-0.1
WHTX	baz=55,SNR=7.2	Lake Whitney	54.82	82	P	P	20 12 08.2	+0.2
WHTX	baz=55	Lake Whitney	54.82	82	eP	P	20 12 07.8	-0.2
Z37A	comp=Z,49nm,1.1s	Pogue Cattle C	55.11	79	P	P	20 12 10.1	+0.1
632A	baz=55	Uvalde	55.13	85	P	P	20 12 10.3	+0.1
434A	baz=55	Burnet	55.14	83	P	P	20 12 10.4	+0.1
Y38A	baz=55,SNR=8.9	Idabel	55.15	78	P	P	20 12 10.3	0.0
533A	baz=55	Kerrville	55.19	84	P	P	20 12 10.9	+0.1
SFIN	baz=55	Scholar Farm	55.29	67	P	P	20 12 11.0	-0.3
335A	baz=55	Moody	55.33	82	P	P	20 12 11.7	0.0
236A	baz=55	Katherine and	55.38	81	P	P	20 12 12.0	0.0
MIAR	baz=55	Mount Ida	55.42	77	eP	P	20 12 12.0	-0.3
MIAR	comp=Z,24nm,1.1s	Mount Ida	55.42	77	P	P	20 12 12.2	-0.1
MIAR	baz=55	Mount Ida	55.42	77	eP	P	20 12 12.0	-0.3
Z38A	comp=Z,24nm,1.1s	Mt. Pleasant	55.46	79	P	P	20 12 12.6	0.0
Y39A	baz=55	Lockesburg	55.52	77	P	P	20 12 13.0	-0.1
633A	baz=55	Saathoff Ranch	55.54	85	P	P	20 12 13.2	0.0
732A	baz=55	Laxson Ranch,	55.56	86	P	P	20 12 13.7	+0.3
534A	baz=56	Blanco	55.57	84	P	P	20 12 13.5	0.0
435B	baz=56	Jarrell	55.58	83	P	P	20 12 13.6	0.0
SCO	baz=56	Scoresbysund	55.60	13	iP	P	20 12 13.2	+0.2
SCO					i		20 12 24.1	
SCO	comp=Z,10.0nm,0.8s				pmx	pmx		
SCO	comp=Z,10nm,0.8s	Scoresbysund	55.60	13	iP	P	20 12 13.2	+0.2
336A	baz=56	Riesel	55.62	82	P	P	20 12 13.8	+0.1
HVS	baz=56	Khovu-Aksy	55.63	311	eP	P	20 12 14.3	+0.6
HVS					pmx			
SCHQ	comp=Z,42nm,1.0s	Schefferville	55.77	43	P	P	20 12 14.7	+0.2
SCHQ	comp=Z,3.9nm,0.8s,SNR=4.4	Schefferville	55.77	43	P	P	20 12 14.7	+0.2
SCHQ	baz=56	Schefferville	55.77	43	P	P	20 12 14.7	+0.2
136A	baz=56	Matall Enter	55.80	79	P	P	20 12 15.1	0.0
OLIL	baz=56	Olney	55.81	69	eP	P	20 12 14.4	-0.6
237A	baz=56	Washetta, Mont	55.82	80	P	P	20 12 15.3	+0.1
832A	baz=56	Faith Ranch, C	55.88	87	P	P	20 12 15.9	+0.2
Z39A	baz=56	Irene McRaven,	55.95	78	P	P	20 12 16.0	-0.1
733A	baz=56	Divot King Ran	55.99	86	P	P	20 12 16.7	+0.3
436A	baz=56	Wall Ranch, Ga	56.08	82	P	P	20 12 17.1	+0.1
535A	baz=56	Dale	56.12	83	P	P	20 12 17.6	+0.3
H06E1	baz=56	SOCORRO T-PHAS	56.18	103	T	T	21 13 49.0	
833A	SNR=8.8	Chapparral WMA,	56.21	86	P	P	20 12 18.2	+0.2
238A	baz=56	Jacksonville	56.24	80	P	P	20 12 18.2	0.0
734A	baz=56	La Parita Cree	56.35	85	P	P	20 12 19.3	+0.3
635A	baz=56	Leesville	56.45	84	P	P	20 12 20.0	+0.3
338A	baz=56	Crockett	56.57	81	P	P	20 12 20.5	-0.1
239A	baz=56	Gary	56.62	79	P	P	20 12 20.8	-0.1
NATX	baz=57	Nacogdoches	56.69	80	P	P	20 12 21.4	0.0
933A	baz=57	Laredo	56.79	87	P	P	20 12 22.2	+0.1
636A	baz=57	Smothers Creek	56.82	83	P	P	20 12 22.3	0.0
537A	baz=57	Green Hill Far	56.86	82	P	P	20 12 22.6	0.0
438A	baz=57	Sam Houston St	56.90	81	P	P	20 12 23.0	+0.1
736A	baz=57	Circle Diamond	57.19	84	P	P	20 12 25.1	+0.2
835A	baz=57	Beeville	57.20	85	P	P	20 12 25.2	+0.2
HKT	baz=57	Hockley	57.24	82	eP	P	20 12 25.6	+0.4
HKT	comp=Z,23nm,1.4s	Hockley	57.24	82	eP	P	20 12 25.6	+0.4
538A	comp=Z,23nm,1.4s	Harpers Horsep	57.26	82	P	P	20 12 25.6	+0.1
934A	baz=57	Benavides	57.26	86	P	P	20 12 25.8	+0.3
637A	baz=57	Eagle Lake	57.30	83	P	P	20 12 25.9	+0.2
439A	baz=57	Center Grove,	57.30	81	P	P	20 12 25.9	+0.2
340A	baz=57	Bronson	57.40	79	P	P	20 12 26.4	0.0
034A	baz=57	Hebbronville	57.55	87	P	P	20 12 27.8	+0.3
ZAA0	baz=57	Zalesovo Array	57.62	318	eP	P	20 12 27.0	-0.7
ZALV	baz=57	Zalesovo Beam	57.62	318	P	P	20 12 26.4	-1.2
ZALV	comp=Z,2.0nm,0.5s,SNR=8.7				PcP	PcP	20 13 21.2	+0.8
ZALV	comp=Z,4.9nm,0.9s,SNR=6.1				LR	LR	20 37 57.9	
ZALV	comp=Z,35nm,20.7s,SNR=3.7	Zalesovo Beam	57.62	318	P	P	20 12 26.4	-1.2
ZALV	comp=Z,2.0nm,0.5s				MLR	MLR		
ZALV	comp=Z,2.0nm,0.5s				MLR	MLR		
NVS	comp=Z,356nm,20.7s	Novosibirsk	57.64	319	eP	P	20 12 26.9	-0.8
NVS	comp=N,7.0nm,1.0s				pmx	pmx		
NVS	comp=E,14nm,1.0s				pmx	pmx		
NVS	comp=Z,23nm,1.0s				pmx	pmx		
539A	baz=58	Cross D Ranch,	57.81	81	P	P	20 12 29.3	0.0
440A	baz=58	Kirbyville	57.83	80	P	P	20 12 29.2	-0.2
035A	baz=58	Encino	58.00	86	P	P	20 12 30.9	+0.2
936A	baz=58	North Padre Is	58.14	85	P	P	20 12 31.7	+0.1
540A	baz=58	Vidor	58.19	81	P	P	20 12 31.9	-0.1
ARCES	ARCCESS Array B		58.27	354	P	P	20 12 31.8	-0.2

ARCES	comp=Z,2.4nm,0.4s,SNR=15	ARCCESS Array B	58.27	354	P	P	20 12 31.8	-0.2
ARCES					P	pmx		
WHN	comp=Z,2.0nm,0.4s	Wuhan	58.30	280	P	S	20 12 33.5	+0.8
WHN					S		20 12 32.8	+0.7
WHN					S			
035Z	comp=Z,650nm,17.1s	Hargill	58.36	87	P	P	20 12 33.4	+0.3
LVZ	comp=Z,74nm,1.4s	Lovozero	59.05	350	eP	P	20 12 37.9	+0.4
LVZ					pmx	pmx		
SSLB	comp=Z,59nm,1.7s	Suanglung	59.11	270	eP	P	20 12 38.0	-0.4
XAN	comp=Z,74nm,1.4s	Xi'an	59.11	287	P	P	20 12 38.7	+0.3
XAN					pP	pP	20 12 49.6	-0.4
XAN					S	S	20 12 39.4	-3.3
XAN	comp=Z,41nm,1.3s				PMZ			
XAN	comp=Z,57nm,3.0s				LN			
XAN	comp=Z,320nm,18.3s				LE			
XAN	comp=Z,500nm,17.9s				LZ			
XAN								
TZTN	comp=Z,480nm,17.9s	Tazewell	59.94	68	eP	P	20 12 48.5	+4.5
LRAL	comp=Z,10nm,1.2s	Lakeview Retre	60.40	73	eP	P	20 12 45.7	-1.4
GTA		Gaotai	60.56	297	eP	P	20 12 48.6	+0.2
GTA					pP	pP	20 13 00.1	+0.1
GTA					sP	sP	20 13 05.6	+1.0
GTA					S	S	20 20 57.7	-3.6
GTA					sS	sS	20 21 14.6	-6.1
GTA					SS	SS	20 24 57.2	-2.0
GTA	comp=Z,5.0nm,1.2s				PMZ			
GTA	comp=Z,58nm,5.0s				PMZ			
GTA	comp=Z,740nm,17.1s				LN			
GTA	comp=Z,620nm,17.1s				LE			
GTA					LZ			
BLA	comp=Z,380nm,18.1s	Blacksburg	61.25	66	eP	P	20 12 51.7	-1.3
BLA					pmx	pmx		
BLA	comp=Z,25nm,1.3s	Blacksburg	61.25	66	eP	P	20 12 51.7	-1.3
ENH	comp=Z,25nm,1.3s	Enshi	61.44	283	eP	P	20 12 54.1	-0.3
KMSC	comp=Z,9.8nm,1.0s	Kings Mountain	62.20	68	P	P	20 12 59.1	-0.2
KMSC	baz=62	Kings Mountain	62.20	68	eP	P	20 12 59.0	-0.4
GOGA	comp=Z,204nm,2.5s	Godfrey	62.20	71	eP	P	20 12 57.3	-2.1
GOGA		Godfrey	62.20	71	eP	P	20 12 57.3	-2.1
JSRW		J. Sargeant Re	62.32	64	eP	P	20 13 00.2	+0.1
TIGA	baz=63	Tilton	63.55	72	eP	P	20 13 08.3	-0.1
WMQ		Urumqi	63.68	308	iP	P	20 13 10.0	+0.9
WMQ					pP	pP	20 13 21.8	+0.9
WMQ					pP	pP	20 15 31.9	+2.9
WMQ					eS	eS	20 21 38.8	-1.6
WMQ					SS	SS	20 25 49.5	+1.9
WMQ	comp=Z,15nm,1.3s				PMZ			
WMQ	comp=Z,270nm,6.0s				PMZ			
WMQ	comp=Z,740nm,14.2s				LN			
WMQ	comp=Z,590nm,15.2s				LE			
WMQ	comp=Z,680nm,19.0s				LZ			
BRVK		Borovoye	63.95	324	eP	P	20 13 11.2	+0.5
BRVK					pmx	pmx		
BRVK	comp=Z,41nm,1.2s	Borovoye	63.95	324	eP	P	20 13 10.4	-0.2
SVE	comp=Z,35nm,1.1s	Sverdlovsk	63.96	332	iP	P	20 13 11.4	+0.7
SVE					pmx	pmx		
MKAR	comp=Z,27nm,1.3s	Makanchi Array	63.98	313	P	P	20 13 10.5	-0.6
MKAR	comp=Z,4.2nm,0.9s,SNR=16	Makanchi Array	63.98	313	LR	LR	20 44 20.5	
MKAR	comp=Z,355nm,18.0s,SNR=39	Makanchi Array	63.98	313	eP	P	20 13 10.6	-0.4
MK01		Makanchi Array	63.99	313	eP	P	20 13 10.2	-1.0
CD2		Chengdu	64.39	288	iP	P	20 13 14.6	+0.6
CD2					pP	pP	20 13 26.0	+0.3
CD2					sP	sP	20 13 32.4	+2.1
CD2					PP	PP	20 15 56.4	+7.3
CD2					S	S	20 17 55.0	+6.6
CD2					sS	sS	20 22 03.4	-5.6
CD2	comp=Z,60nm,1.0s				PMZ			
CD2	comp=Z,140nm,5.4s				PMZ			
CD2	comp=Z,430nm,14.5s				LN			
CD2	comp=Z,430nm,19.3s				LE			
CD2	comp=Z,560nm,15.6s				LZ			
ARU		Arti	64.90	333	dIP	P	20 13 17.4	+0.6
ARU					S	S	20 21 56.0	+1.1
ARU	comp=Z,29nm,1.2s	Arti	64.90	333	eP	P	20 13 17.1	+0.3
KLMR	comp=Z,19nm,1.0s	Klimovskoe	65.11	345	eP	P	20 13 17.0	-1.1
KLMR					pmx	pmx		
GYA	comp=Z,33nm,1.4s	Guiyang	65.91	283	iP	P	20 13 24.5	+0.5

Table with columns: OKTU, OKFG, MMSO, MSW, MSW, UNV, UNV, KOPF, ATKA, KDAD, ILAR, PETK, YKA, KSRS, TXAR, TXAR, KURB, BVAR, MKAR, FINES, AKTO, AAK, CMAR, ASAR, ASAR. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DJA, PCI, TTSI, TTSI, APSI, SPSI, SPSI, LUWU, MRSI, BKSI, BKB, BBSI, KBKI, SANI, BBKI.

ISCJB 04 20:27:04.9.0.5.51.96N.0.06.169.52W.0.08, h30km, mb4.0/23, Error ellipse: s-maj=10.0km s-min=4.3km az=144.4

BUII 04 20:27:05.5.52.45N.169.79W, h16km, mb4.8/17, mB5.2/11, Ms4.9/6, Ms7.4/5.6, IDC 04 20:27:07.4.0.8.52.09N.169.45W, h37km, mb3.8/21, mb1.3/9.2/3, mb1mx3.7/63, mbtmp4.0/23, ML3.7/2, Error ellipse: s-maj=22.4km s-min=13.6km az=167.0

NEIC 04 20:27:09.0.52.21N.169.52W, h42km, mb4.5/6, After AZIC

ISC 04 20:27:07.1.0.6.52.09N.0.08.169.48W.0.06, h30km, n58, az=118.62, mb4.1/3, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NIKH, OKSO, OKSO, OKTU, OKFG, OKAK, MMSO, MMSO, MSW, MSW, UNV, UNV, KOPF, ATKA, AKUT, GSTR, SII, KDAD, BPAW, MLY, ILAR, PETK, INK, INK, YKA, H1S1, H1S2, H1S3, BW06, PDAR, PDAR, PV01, KSRS, KSAR, SUMG, SONA, SONM, TX31, TXAR, TXAR, HHC, HHC, HHC, HHC, NJ2, NJ2, ZALV, ARCS, LZH, LZH, LZH, LZH, LZH.

Table with columns: LZH, LZH, WMQ, WMQ, WMQ, BVAR, BRVK, MKAR, FINES, NOA, AKTO, ABKAR, AAK, AAK, KSH, KSH, KSH, KSH, KSH, KSH, KSH, AKASG, CMAR, GERES, BRTR, WRA, ASAR, ASAR. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AKASG, CMAR, GERES, BRTR, WRA, ASAR, ASAR.

IDC 04 20:27:46.1.1.8.5654S.27.45W, h0km, mb4.2/1, mb1.4/2.1, mb1mx3.6/25, mbtmp4.2/1, Error ellipse: s-maj=93.3km s-min=61.0km az=148.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TORO, ILAR, SONM.

ISCJB 04 20:30:25.4.0.8.52.0N.0.1.169.5W.0.2, h30km, mb3.5/9, Error ellipse: s-maj=21.6km s-min=13.3km az=165.4

IDC 04 20:30:28.9.6.9.52.00N.169.48W, h44km, mb3.6/3, mb3.4/9, mb1.3/6/11, mb1mx3.3/61, mbtmp3.6/11, ML3.3/2, Error ellipse: s-maj=34.1km s-min=18.6km az=178.0

ISC 04 20:30:27.7.0.8.52.1N.0.2.169.5W.0.1, h30km, n11, az=148.13, mb3.5/9, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ILAR, PETK, INK, YKA, YBH, PDAR, MKAR, WRA, ASAR, ASAR, TXAR, MKAR, FINES, WRA, ASAR, ASAR.

IDC 04 20:31:01.7.1.9.3.47N.124.17E, h0km, mb3.5/3, mb1.3/7/3, mb1mx3.4/44, mbtmp3.5/3, Error ellipse: s-maj=212.6km s-min=23.8km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA, ASAR, MKAR.

MEX 04 20:35:03.2.0.7.15.34N.93.66W, h16km, 149km, MD3.7, Near coast of Chiapas

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

ISCJB 04 20:47:44.0.8.29.7N.0.1.90.4E.0.2, h8km, mb3.6/8, Error ellipse: s-maj=29.5km s-min=11.9km az=152.8

IDC 04 20:47:45.0.9.29.73N.90.33E, h0km, mb3.6/8, mb1.3/8/10, mb1mx3.6/35, mbtmp3.6/10, ML3.3/2, Error ellipse: s-maj=35.7km s-min=17.3km az=61.0

ISC 04 20:47:45.9.0.2.29.6N.0.1.90.3E.0.2, h8km, n11, az=152.11, mb3.6/3, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SHL, CMAR, MKAR, SONM, KURB, ZALV, GERES, GERES.

Table with columns: WRA, ASAR, TORO, YKA. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GHIR, AHBRAM, BANOM, BANOM, BANOM, KRBR, NAZ, NAZ, ASHO, ASHO, TABS, TABS.

MEX 04 21:04:30.0.6.17.84N.102.83W, h16km, 9km, MD3.7, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MMIG, MMIG, ZIIG, ZIIG, R15V, R15V, EZSV, EZSV, MOIG, MOIG.

IDC 04 21:07:59.2.1.2.37S.100.08E, h0km, mb3.8/8, mb1.4/0.8, mb1mx3.7/39, mbtmp3.9/8, Error ellipse: s-maj=82.4km s-min=17.8km az=6.0

ISCJB 04 21:08:00.9.0.6.2.42S.0.0.100.0E.0.1, h30km, mb4.1/13, Error ellipse: s-maj=16.4km s-min=10.3km az=171.0

NEIC 04 21:08:03.9.0.5.2.39S.100.03E, h35km, mb4.3/4, Error ellipse: s-maj=13.6km s-min=8.5km az=78.0

ISC 04 21:08:03.0.7.2.38S.0.09.100.0E.0.1, h30km, n22, az=087.17, mb4.1/13, IC, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BKNI, COCO, CMAR, PALK, H08S2, H08S3, H08S1, WRA, ASAR, PMG, STKA, SONM, ULN, MKAR, TLY, USRK, ZALV, YAK, MA2, SYO, COLA, TXAR.

IDC 04 21:09:01.6.3.2.15.46S.172.89W, h0km, mb3.8/4, mb1.4/2.4, mb1mx3.7/44, mbtmp3.8/4, MS3.5/3, Ms1.3/5.3, ms1mx2.9/43, Error ellipse: s-maj=163.0km s-min=21.7km az=142.0

ISCJB 04 21:09:03.7.0.6.15.55S.0.1.172.9W.0.1, h29km, mb4.3/13, MS3.5/3, Error ellipse: s-maj=22.9km s-min=9.0km az=41.7

NEIC 04 21:09:04.6.3.4.15.49S.172.85W, h25km, 24km, mb4.5/7, Error ellipse: s-maj=22.8km s-min=9.9km az=132.0

ISC 04 21:09:04.0.8.15.55S.0.1.172.9W.0.2, h29km, n27, az=130.2/4, mb4.4/13, MS3.7/3, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AFI, AFI, AFI, RAU, RAU, PMG, H1N3, H1N1, H1N2, MIDW, WRAB, WRA, ASAR, PFO, LPIG, YSS, NVAR, KSM, HWUT, PV01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, MA2 Great Sand Dun, ILAR Eielson Array, RES Resolute Bay, GERN Obninsk, GERES GERES Array B, BRTR Keskin Array B, SANT Santorini.

AUST 04 21:10:56.4±2.9, 6.65±0.2, 131.19E, h21km, Error ellipse: s-maj=1.4km s-min=0.7km az=284.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, KDU Kakadu, SOEI Soe, KNRA Kunumura, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, WRKA Warakuna, PPI Padang Panjang, MKAR Makanchi Array.

ISK 04 21:13:59.9, 37.86N, 29.96E, h5km, MD2.5, ISCJB 04 21:14:01.4±0.5, 37.86N±0.03, 29.98E±0.03, h2km, 6km, Error ellipse: s-maj=4.5km s-min=3.8km az=144.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, UZP Denizli, BAGO Egridir - ISPA, BAGO Golhisar, GOLH Golhisar, GOLH Golhisar, DNZL Cakirokul, DNZL Cakirokul, DNZL Cakirokul, GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), GLHS Gihisar, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, KORT Korkueki, KORT Korkueki, KORT Korkueki, BOLV Bolvadin, BOLV Bolvadin, KULA Kula-Manisa, KULA Kula-Manisa, MANT Manisa, MANT Manisa, MANT Manisa.

ISC 04 21:14:00.9±1.4, 37.86N±0.02, 29.97E±0.03, h5km±12km, n22, ±0.45/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, UZP Denizli, BAGO Egridir - ISPA, BAGO Golhisar, GOLH Golhisar, GOLH Golhisar, DNZL Cakirokul, DNZL Cakirokul, DNZL Cakirokul, GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), GLHS Gihisar, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, KORT Korkueki, KORT Korkueki, KORT Korkueki, BOLV Bolvadin, BOLV Bolvadin, KULA Kula-Manisa, KULA Kula-Manisa, MANT Manisa, MANT Manisa, MANT Manisa.

ISC 04 21:14:40.4±3.4, 5.58S, 149.49E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.4/33, mbtmp3.6/4, ML2.1/1, Error ellipse: s-maj=109.9km s-min=34.9km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORD Torodi Arr, KAPPAN Kappan, DJA 04 21:17:51.8±0.5, 1.1S±4.12E, h16km±7km, M3.8/12, MLV3.8/12, ISC 04 21:17:51.4±1.5, 1.09S, 120.73E, h0km, mb3.1/3, mb1 3.4/4, mb1mx3.2/38, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=53.9km s-min=22.7km az=71.0, ISCJB 04 21:17:52.2±0.6, 0.97S±0.06, 120.22E±0.06, h35km, mb3.1/3, Error ellipse: s-maj=10.1km s-min=5.8km az=43.6, ISC 04 21:17:53.4±1.2, 0.93S±0.06, 120.23E±0.05, h35km, n14, ±1.59/15, mb3.2/3, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCI Palu, APSI Amparna, TTST Tana Toraja, MRSI Marisa, LUWI Luwuk, SPSI Sidrap Palu, GTOI Gorontalo, KBK Balikpapan, KAPI Kappan, KAPI Kappan, BKSI Butukumba, BKSI Kotabaru, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

0.2nm, 0.5s, baz=134, slow=8.4, SNR=5-4

MEX 04 21:24:14.3±0.6, 17.97N±103.31W, h13km±427km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, MMIG Aquila, RM15, EZSV, EZSV.

ISC 04 21:27:47.3±0.7, 52.02N, 169.48W, h0km, mb4.0/16, mb1 4.2/18, mb1mx4.0/58, mbtmp4.0/18, ML3.8/2, MS3.2/5, Ms1 3.2/5, ms1mx2.8/49, Error ellipse: s-maj=21.3km s-min=14.9km az=176.0, ISCJB 04 21:27:48.9±1.7, 51.84N±0.07, 169.39W±0.09, h27km±12km, mb3.9/17, MS3.2/5, Error ellipse: s-maj=13.5km s-min=5.9km az=145.0, NEIC 04 21:27:49.8±1.1, 51.86N±0.07, 169.37W±0.09, h34km, mb3.8/2, ML3.6(AE)C, After 4.13C

ISC 04 21:27:50.2±1.1, 51.93N±0.1, 169.39W±0.07, h20km±7km, n41, ±1.52/44, mb3.8/17, MS3.2/5, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, NIKH Nikolski High, OKSO Okmok South, OKSO Okmok Mt. Tuli, OKW Okmok W'ing Wal, OKW Magazine Ridge, KCFG, MSON Makushin Julie, MSON Makushin Gods, MSW Makushin Switc, UNV Unalaska Valle, UNV Unalaska Valle, KOFP Korovin Flat P, ATKA Atka Island, AHB Akutan Harbor, AKUT Akutan, SDPT Sand Point, AMKA Amchitka, SEW Seward, BMRM Bremner Ridge, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, INK Inuvik, YKMT Yellowknife Arr, YKMT Yellowknife Arr, YKMT Yellowknife Arr, NVAR Nina Array Bea, H1S1 Wake Island Hy, H1S2 Wake Island Hy, H1S3 Wake Island Hy, PDAR Pinedale Array, SPITS Spitsbergen Arr, SONM Songoing Array, SONM Songoing Array, TXAR Lajitas Array, TXAR Lajitas Array, ZALV Zalusko Beam, ZALV Zalusko Beam, ARCES ARCIS Array B, ARCES ARCIS Array B, MKAR Makanchi Array, FINES FINES Array B, NOAS NORFAR Array B, KANG Chiang Mai Arr, CMAR Chiang Mai Arr, GERES GERES Array B, WRA Warramunga Arr, ASAR Alice Springs, MAW Malin Array B, MAW Malin Array B, NEIC 04 21:37:17.4±2.5, 1.41S, 100.14E, h4km±15km, mb4.1/15, Error ellipse: s-maj=7.9km s-min=5.5km az=73.0, DJA 04 21:37:17.0±2.5, 1.41S±0.10E, h20km, 8km, M4.2/16, mb4.4/3, mb5.2/1, MLV4.2/8, MLV4.2/16, MB(MB)4.6/1, ISC 04 21:37:17.1±0.9, 1.40S±0.10E, h0km, mb4.0/11, mb1 4.0/13, mb1mx3.8/49, mbtmp4.0/13, ML3.9/2, Error ellipse: s-maj=39.6km s-min=14.3km az=58.0, ISC 04 21:37:16.8±0.5, 1.65S±0.04, 99.76E±0.06, h10km, n54, ±1.43/44, mb4.1/26, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, NIKH Nikolski High, OKSO Okmok South, OKSO Okmok Mt. Tuli, OKW Okmok W'ing Wal, OKW Magazine Ridge, KCFG, MSON Makushin Julie, MSON Makushin Gods, MSW Makushin Switc, UNV Unalaska Valle, UNV Unalaska Valle, KOFP Korovin Flat P, ATKA Atka Island, AHB Akutan Harbor, AKUT Akutan, SDPT Sand Point, AMKA Amchitka, SEW Seward, BMRM Bremner Ridge, ILAR Eielson Array, PETK Petropavlovsk, INK Inuvik, INK Inuvik, YKMT Yellowknife Arr, YKMT Yellowknife Arr, YKMT Yellowknife Arr, NVAR Nina Array Bea, H1S1 Wake Island Hy, H1S2 Wake Island Hy, H1S3 Wake Island Hy, PDAR Pinedale Array, SPITS Spitsbergen Arr, SONM Songoing Array, SONM Songoing Array, TXAR Lajitas Array, TXAR Lajitas Array, ZALV Zalusko Beam, ZALV Zalusko Beam, ARCES ARCIS Array B, ARCES ARCIS Array B, MKAR Makanchi Array, FINES FINES Array B, NOAS NORFAR Array B, KANG Chiang Mai Arr, CMAR Chiang Mai Arr, GERES GERES Array B, WRA Warramunga Arr, ASAR Alice Springs, MAW Malin Array B, MAW Malin Array B, NEIC 04 21:37:17.4±2.5, 1.41S, 100.14E, h4km±15km, mb4.1/15, Error ellipse: s-maj=7.9km s-min=5.5km az=73.0, DJA 04 21:37:17.0±2.5, 1.41S±0.10E, h20km, 8km, M4.2/16, mb4.4/3, mb5.2/1, MLV4.2/8, MLV4.2/16, MB(MB)4.6/1, ISC 04 21:37:17.1±0.9, 1.40S±0.10E, h0km, mb4.0/11, mb1 4.0/13, mb1mx3.8/49, mbtmp4.0/13, ML3.9/2, Error ellipse: s-maj=39.6km s-min=14.3km az=58.0, ISC 04 21:37:16.8±0.5, 1.65S±0.04, 99.76E±0.06, h10km, n54, ±1.43/44, mb4.1/26, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SISI Saibi, PPSI Palau Pagai, PPI Padang Panjang, SDSI Sungai Dareh, BKNI Bangkinang, BKNI Bangkinang, BKNI Mandailing Nat, KSI Kapahiang, KSI Gunungsitoli, GSI Gunungsitoli, MNSI Manna, LHSI Lahat, PSI Prapat, MDSI Maura Dua, LWLI Liwa, IPM Ipong, KULM Kulim, CACO West Island, CMAR Chiang Mai Arr, CHTO Chiang Mai Arr, PALK Pallekele, QIZ Qiongzong, FITZ Fitzroy Crossi, TWG Pingnan, LSA Lhasa, NACB Nanganchiao, SISI Saibi, PPSI Palau Pagai, PPI Padang Panjang, SDSI Sungai Dareh, BKNI Bangkinang, BKNI Bangkinang, BKNI Mandailing Nat, KSI Kapahiang, KSI Gunungsitoli, GSI Gunungsitoli, MNSI Manna, LHSI Lahat, PSI Prapat, MDSI Maura Dua, LWLI Liwa, IPM Ipong, KULM Kulim, CACO West Island, CMAR Chiang Mai Arr, CHTO Chiang Mai Arr, PALK Pallekele, QIZ Qiongzong, FITZ Fitzroy Crossi, TWG Pingnan, LSA Lhasa, NACB Nanganchiao.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1W3 Cape Leeuwin H, H1W2 Cape Leeuwin H, H1W1 Cape Leeuwin H, WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alice Springs, PMG Port Moresby, CTAO Charters Tower, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, MAJO Matsushiro, MDJ Mudanjang, USRK Ussuriysk Arr, ZALV Zalusko Beam, ZALV Zalusko Beam, BRVK Borovoye Array, HNR Honiara, YSS Yuzh-Sakhalins, YAK Yakutsk, LSZ Lusaka, BRTR Keskin Array B, SEY Seymchan, QSPA South Pole Qui, TXAR Lajitas Array, CFAA Coronel Fontan, CFAA Coronel Fontan, JCT Junction City, SJC San Juan, IDC 04 21:53:58.0±0.5, 58.51S±25.16W, h0km, mb4.5/15, mb1 4.5/17, mb1mx4.4/30, mbtmp4.5/17, ML4.7/2, MS4.0/13, h0km, 0.5s, baz=184, slow=9.5, SNR=6-7, Error ellipse: s-maj=18.0km s-min=14.0km az=54.0, NEIC 04 21:53:59.7±0.2, 58.62S±25.17W, h10km, mb4.9/11, Error ellipse: s-maj=9.1km s-min=7.0km az=38.0, ISCJB 04 21:54:01.4±0.4, 58.63S±25.37W±0.1, h38km, mb4.6/19, MS4.1/11, Error ellipse: s-maj=11.3km s-min=7.5km az=141.4, AWI 04 21:54:06.0, 58.51S±25.38W, ISC 04 21:54:03.8±0.4, 58.62S±25.34W±0.08, h38km, n95, ±1.93/42, mb4.6/19, MS4.1/11, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNAA Sanae, SNAA Sanae, SNAA Sanae, PMSA Palmer Station, PMSA Palmer Station, EFI East Falkland, H09N1 TRISTAN DA CUN, GSPA South Pole Qui, GSPA South Pole Qui, PLCA Paso Flores, PLCA Paso Flores, MAW Mawson, MAW Mawson, CPUP Villa Florida, CPUP Villa Florida, CFAA Coronel Fontan, LCO Las Campanas, VNSA Vanda, VNSA Vanda, BOSA Boshof, BOSA Boshof, BDFB Brazilia, BDFB Brazilia, LVC Limon Verde, LVC Limon Verde, H10S2 ASCENSION HYDRO52, H10S3 ASCENSION HYDRO51, H10S1 ASCENSION HYDRO50, H10N1 ASCENSION HYDRO51, H10N2 ASCENSION HYDRO51, LPAZ Paso Flores, LPAZ Paso Flores, LPAZ Paso Flores, SAML Samuel, LSZ Lusaka, PTGA Pitanga, DBIC Dimbokro, DBIC Dimbokro, TOAO Torodi Arr, TOAO Torodi Arr, KMBO Kilima Bogo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNAA Sanae, SNAA Sanae, SNAA Sanae, PMSA Palmer Station, PMSA Palmer Station, EFI East Falkland, H09N1 TRISTAN DA CUN, GSPA South Pole Qui, GSPA South Pole Qui, PLCA Paso Flores, PLCA Paso Flores, MAW Mawson, MAW Mawson, CPUP Villa Florida, CPUP Villa Florida, CFAA Coronel Fontan, LCO Las Campanas, VNSA Vanda, VNSA Vanda, BOSA Boshof, BOSA Boshof, BDFB Brazilia, BDFB Brazilia, LVC Limon Verde, LVC Limon Verde, H10S2 ASCENSION HYDRO52, H10S3 ASCENSION HYDRO51, H10S1 ASCENSION HYDRO50, H10N1 ASCENSION HYDRO51, H10N2 ASCENSION HYDRO51, LPAZ Paso Flores, LPAZ Paso Flores, LPAZ Paso Flores, SAML Samuel, LSZ Lusaka, PTGA Pitanga, DBIC Dimbokro, DBIC Dimbokro, TOAO Torodi Arr, TOAO Torodi Arr, KMBO Kilima Bogo.

4d 23h

Table with columns: Call sign, Frequency, Power, Direction, and other technical details for stations in the 4d 23h region.

2010 DEC

Table with columns: Call sign, Frequency, Power, Direction, and other technical details for stations in the 2010 DEC region.

156

Table with columns: Call sign, Frequency, Power, Direction, and other technical details for stations in the 156 region.

PRU 04 22:51:37.2, 49:18N:18:60E, h0km, Czech and Slovak Republics

IDC 04 23:06:01.0, 1.6, 62.98N:151.28W, h83km, 17km, mb3.7/10, mb1.3/8.14, mb1mx3.5/49, mbtmp4.0/14, MS3.4/1, Ms1.3.4/1, ms1mx2.4/47, Error ellipse: s-maj=21.3km s-min=10.4km aze=13.0

ISCJB 04 23:06:03.3, 0.2, 62.98N:0.02:150:90W:0.05, h112km, 2km, mb4.0/11, Error ellipse: s-maj=3.9km s-min=3.1km aze=18.0

NEIC 04 23:06:04.6, 62.95N:150:89W, h115km, MG3.4(AEIC), After AEIC

ISC 04 23:06:04.0, 4.0, 62.96N:103:150:94W:0.03, h118km, 5km, n95, o993/111, mb4.1/11, Central Alaska

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details for stations in the 156 region.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KHIT, BALM, KIAG, EGAK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BOSA, YKA, INK, ILAR, etc.

ICC 04 23:28:07.2, 0.9, 41.35N, 116.28W, h0km, mb2.9/2, mb1 3.3/4, mb1mx3.2/39, mbtmp3.0/4, ML3.9, MS2.5/1, Ms1 2.5/1, ms1mx2.0/16, Error ellipse: s-maj=9.2km s-min=6.9km az=18.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ELK, ELK, ELK, etc.

ICC 04 23:06:43.3, 1.8, 58.65S, 25.26W, h0km, mb3.9/1, mb1 3.9/1, mb1mx3.5/19, mbtmp3.9/1, Error ellipse: s-maj=102.5km s-min=62.2km az=143.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TORD, YKA, INK, SONM, ILAR, etc.

ISK 04 23:08:20.5, 39.88N, 39.03E, h5km, MD2.7 DDA 04 23:08:21.3, 39.87N, 39.07E, h10km, MD3.0 CSEM 04 23:08:21.3, 0.2, 39.88N, 39.08E, h2km, MD2.7, Error ellipse: s-maj=9.9km s-min=3.5km az=110.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KELT, EUMZ, ILIC, ERZN, GUMT, SUSE, BAYT, CUZAR, PTK, ESPY, MACK, KTUT, CUKAN, ELZG, BINT, BNGB, MALT, AKCD, etc.

ICC 04 23:11:22.8, 2.2, 58.71S, 25.32W, h0km, mb4.1/2, mb1 4.1/2, mb1mx3.7/21, mbtmp4.1/2, MS3.0/2, Ms1 2.9/2, ms1mx2.7/18, Error ellipse: s-maj=76.0km s-min=58.3km az=155.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PLCA, BOSA, BDFB, TORD, YKA, INK, ILAR, etc.

MEX 04 23:11:30.9, 0.5, 15.30N, 94.01W, h16km, 348km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PCIG, PCIG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BOZ, CHMT, Q20A, SLMT, etc.

ICC 04 23:28:11.6, 1.1, 41.14N, 102.11630W, h0.02, h3km, 10km, n9, c0958/16, 1D, Nevada

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ELK, ELK, ELK, etc.

ICC 04 23:09:30.0, 0.5, 35.50S, 158.30W, h0km, mb3.9/1, mb1 3.9/1, mb1mx3.5/19, mbtmp3.9/1, Error ellipse: s-maj=102.5km s-min=62.2km az=143.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like NVAR, NLU, HWUT, MSU, AHID, CEDAR, TMUT, CMB, MCMT, REDW, SHPR, SNOW, YBH, YBH, YBH, MOOW, SRU, PDAR, ILAR, H17A, H17A, LRM, BOZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BOZ, CHMT, Q20A, SLMT, etc.

ICC 04 23:40:45.9, 40.30N, 33.86E, h20km, MD2.4 ISCBJ 04 23:40:46.2, 0.7, 40.27N, 0.05, 33.84E, h13km, 12km, Error ellipse: s-maj=8.4km s-min=6.6km az=11.2

DDA 04 23:40:46.1, 40.26N, 33.77E, h27km, MD2.6 CSEM 04 23:40:46.0, 0.2, 40.27N, 33.84E, h13km, MD2.4, Error ellipse: s-maj=6.1km s-min=4.3km az=46.0

ICC 04 23:40:45.1, 1.7, 40.28N, 0.05, 33.82E, h0km, 15km, n9, c0952/17, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CANT, ELDT, CORM, CDAG, AFRS, etc.

ICC 04 23:41:08.7, 0.5, 43.19N, 0.02, 18.86E, h0.04, h7km, 4km, Error ellipse: s-maj=5.0km s-min=2.5km az=26.2

CSEM 04 23:41:09.0, 0.2, 43.18N, 18.87E, h5km, ML2.6, Error ellipse: s-maj=4.8km s-min=2.3km az=116.0

PDG 04 23:41:10.0, 0.2, 43.15N, 18.90E, h3km, 1km, MD2.6/5, ML2.6/11, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

BEO 04 23:41:10.0, 0.3, 43.15N, 18.90E, h1km, 3km, ML2.3/1

ICC 04 23:41:09.3, 0.8, 43.18N, 0.02, 18.89E, h0km, 5km, n45, c0972/85, 16C-10D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like UPM, NKY, BRY, PLE, NKME, NKME, TREB, CEME, CEME, BBLs, BBLs, HCY, HCY, SJEJ, BEY, IVA, PDG, PDG, TGT, BUM, BUM, PVY, PVY, IVAS, IVAS, DRME, DRME, DIVS, DIVS, ULC, ULC, TEKS, TEKS, TRUS, TRUS, BARS, BARS, etc.

IDC 04 23:52:18.7±1.4, 9.02S; 116:78E, h0km, mb3.5/4, mb1 3.9/7, mb1mx3.6/34, mbtmp3.8/7, ML3.9/3, Error ellipse: s-maj=36.5km s-min=20.8km az=58.0

NEIC 04 23:52:19.2±1.4, 9.06S; 116:74E, h6km±10km, mb4.1/5, Error ellipse: s-maj=9.3km s-min=5.9km az=224.0

ISCJB 04 23:52:21.3±1.1, 9.11S; 117:12E, h0km±7km, mb4.1/9, Error ellipse: s-maj=8.3km s-min=4.7km az=17.3

DJA 04 23:52:24.7±0.3, 9.54±1.1E, h10km, M4.2/21, ML4.2/21

AUST 04 23:52:25.0±0.8, 9.89S; 117:45E, h0km

ISC 04 23:52:21.4±1.6, 9.10S; 117:07E, h0km±11km, n36, f139/37, mb3.9/9, Sumbawa region

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

ISCJB 04 23:56:21.3±0.2, 25.45N; 102:109.76W, 0.01, h10km, mb4.8/90, MS4.2/23, Error ellipse: s-maj=3.0km

BUII 04 23:56:22.1, 25.47N; 109:65W, h26km, mb5.2/2, mB5.4/3, Ms5.1/6, Ms7.4/8/7

IDC 04 23:56:22.4±0.6, 25.57N; 109:75W, h0km, mb4.3/19, mb1 4.4/27, mb1mx4.3/54, mbtmp4.3/27, ML3.9/8, MS4.2/27, Ms1.4/27, ms1mx4.1/40, Error ellipse: s-maj=20.8km

GCMT 04 23:56:23.7±0.3, 25.61N; 109:90W, h13km±1km, MW5.0/88, Moment Tensor Solution, s41.c52, s88.c135; Duration: 0

Moment tensor: Scale 10^16Nm; M0: 0.76e11; Mw: 2.7±.11; Mw3: 3.9±.13; Mw: 0.18±.24; Mw2: 2.8±.10; Mw: 0.7±.24; Best double couple: Mw: 2.9200e10

NP1: 157.00000°, 88.90000°, -1.700000°. NP2: 66.00000°, 88.00000°, -1.000000°. Principal axes: T 4.6760, P1g7.0000°, Azm291.0000°; N -0.7710, P1g8.0000°, Azm162.0000°; P -3.9080, P1g8.0000°, Azm22.0000°; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s.

MEX 04 23:56:23.8±0.6, 25.56N; 109:95W, h8km±8km, MD4.6

NEIC 04 23:56:23.6±0.9, 25.43N; 109:90W, h12km±5km, mb4.9/121, MD4.6(MEX), Error ellipse: s-maj=5.3km s-min=3.5km az=220.0

NEIC Felt (I) at Los Mochis, Sinaloa.

ISC 04 23:56:22.7±0.4, 25.42N; 104:109.86W, 0.05, h10km, n725, f1902/706, mb5.0/90, MS4.2/23, Gulf of California

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

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

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

MTUM	Tungsten Hills	14.02 330	ePn	Pn	23 59 44.1 +2.5
P17A	Butcher Ranch,	14.03 357	ePn	Pn	23 59 42.5 +0.7
T30A	Plains	14.07 32	P	Pn	23 59 43.0 +0.9
Z36A	Blue Ridge	14.07 53	P	Pn	23 59 42.7 +0.6
Q24A	Divide	14.08 15	P	Pn	23 59 43.3 +0.8
Q24A	Divide	14.08 15	ePn	Pn	23 59 43.5 +1.1
338A	Crockett	14.10 62	P	Pn	23 59 42.6 +0.1
P18A	Preston Nutter	14.17 359	ePn	Pn	23 59 44.3 +0.6
539A	Cross D Ranch,	14.19 67	P	Pn	23 59 43.5 -0.2
137A	Heron Place, G	14.25 57	P	Pn	23 59 44.1 -0.6
S29A	Ulysses	14.25 29	P	Pn	23 59 44.3 -0.4
W34A	Bridge Creek,	14.29 44	P	Pn	23 59 44.9 -0.2
W34A	Bridge Creek,	14.29 44	eP	P	23 59 50.0 -2.4
X35A	Drake	14.30 48	P	Pn	23 59 45.0 -0.4
U32A	Winter Ranch,	14.35 38	P	Pn	23 59 45.9 0.0
V33A	Lossen Ranch,	14.37 41	P	Pn	23 59 46.1 -0.1
MLAC	Mammoth Lakes	14.37 330	P	Pn	23 59 47.2 +0.8
238A	Jacksonville	14.49 60	P	Pn	23 59 47.2 -0.8
Y36A	Durant	14.50 51	P	Pn	23 59 47.5 -0.6
T31A	Randall Ranch,	14.52 34	P	Pn	23 59 48.5 +0.1
LRV	Little Rabbit	14.55 322	ePn	P	23 59 53.7 -1.6
S30A	Montezuma	14.57 31	P	Pn	23 59 49.2 +0.2
R28A	Tribune	14.57 26	P	Pn	23 59 49.3 +0.2
NLU	North Lily Min	14.61 353	ePn	Pn	23 59 50.6 +0.9
Z37A	Pogue Cattle C	14.63 55	P	Pn	23 59 49.2 -0.6
MPU	Maple Canyon	14.63 355	ePn	Pn	23 59 50.0 0.0
339A	Huntington	14.70 63	P	Pn	23 59 50.8 -0.9
O20A	White River Ci	14.74 5	P	Pn	23 59 52.0 +0.6
O20A	White River Ci	14.74 5	ePn	Pn	23 59 51.8 +0.4
NATX	Nacogdoches	14.76 61	P	Pn	23 59 50.9 -0.7
NATX	Nacogdoches	14.76 61	ePn	P	23 59 56.2 -1.4
ISCO	Idaho Springs	14.78 13	P	Pn	23 59 52.5 +0.4
ISCO	Idaho Springs	14.78 13	ePn	Pn	23 59 52.7 +0.7
NV01	Mina Array Sit	14.81 333	ePn	Pn	23 59 53.6 +1.2
NVAR	Mina Array Bea	14.81 333	Pn	Pn	23 59 53.4 +1.0
NVAR	comp-Z,410nm,18.1s,baz=152,slow=35	14.81 46	P	LR	00 04 55.6
W35A	Tecumseh	14.81 46	P	Pn	23 59 52.0 -0.3
X36A	Centrahoma	14.82 49	P	Pn	23 59 52.0 -0.4
V34A	Guthrie	14.84 43	P	Pn	23 59 52.4 -0.2
V34A	Guthrie	14.84 43	ePn	P	23 59 55.9 -2.6
KSC0	Kaye Shedlock	14.86 22	P	Pn	23 59 53.3 +0.3
KSC0	Kaye Shedlock	14.86 22	ePn	Pn	23 59 55.0 +2.0
U33A	Lingo Farm, Me	14.89 40	P	Pn	23 59 53.0 -0.2
R29A	Marienthal	14.92 28	P	Pn	23 59 53.5 -0.3
DUG	Dugway	14.94 351	P	Pn	23 59 55.0 +0.8
DUG	Dugway	14.94 351	ePn	Pn	23 59 54.9 +0.8
T32A	Huddler Ranch	14.98 36	P	Pn	23 59 54.5 0.0
440A	Kirbyville	15.00 66	P	Pn	23 59 54.0 -0.8
Y37A	Hugo	15.02 52	P	Pn	23 59 54.5 -0.5
331A	Mullinville	15.02 33	P	Pn	23 59 55.2 +0.1
Z38A	Mt. Pleasant	15.13 56	P	Pn	23 59 55.6 -0.8
R30A	Dighton	15.18 30	P	Pn	23 59 57.2 0.0
Q28A	Sharon Springs	15.19 25	P	Pn	23 59 57.7 +0.3
V35A	Meyer Ranch, C	15.21 44	P	Pn	23 59 57.4 -0.3
U34A	Anderson Ranch	15.23 41	P	Pn	23 59 57.7 -0.1
U34A	Anderson Ranch	15.23 41	ePn	P	00 00 00.9 -1.9
W36A	Wetumka	15.23 47	P	Pn	23 59 57.5 -0.4
340A	Bronson	15.26 63	P	Pn	23 59 57.5 -0.8
T33A	Patterson Ranc	15.27 38	P	Pn	23 59 59.4 +1.0
CTU	Camp Tracy	15.31 355	ePn	Pn	23 59 59.8 +0.7
139A	Bunkhouse Ranc	15.33 58	P	Pn	23 59 59.2 +0.1
S32A	Newby Ranch, P	15.36 35	P	Pn	00 00 00.4 +0.8
Q29A	Oakley	15.38 27	P	Pn	23 59 59.1 -0.8
CMB	Columbia Colle	15.42 327	ePn	Pn	00 00 00.5 +0.0
X37A	Clayton	15.51 51	P	Pn	00 00 01.0 -0.6
R31A	Burdett	15.53 32	P	Pn	00 00 02.0 +0.2
Y38A	Idabel	15.63 54	P	Pn	00 00 04.8 +1.7
P28A	Saint Francis	15.67 24	P	Pn	00 00 03.8 +0.1
U35A	Pawnee	15.67 43	P	Pn	00 00 03.4 -0.2
BGU	Big Grassy Mou	15.69 351	ePn	Pn	00 00 03.5 -0.4
Q30A	Quinter	15.77 29	P	Pn	00 00 04.7 -0.3
N23A	Red Feather La	15.77 11	P	Pn	00 00 05.0 -0.2
N23A	Red Feather La	15.77 11	ePn	Pn	00 00 05.9 +0.7
V36A	Jenks	15.80 46	P	Pn	00 00 04.2 -1.1
T34A	McClaskey Farm	15.83 40	P	Pn	00 00 04.7 -1.0
CBK5	Cedar Bluff	15.85 30	P	Pn	00 00 05.7 -0.3
CBK5	Cedar Bluff	15.85 30	ePn	Pn	00 00 05.8 -0.3
ELK	Elko	15.93 345	Pn	Pn	00 00 08.2 +1.1
ELK	Elko	15.93 345	ePn	Pn	00 00 07.4 +0.3
X38A	Whitesboro	15.93 51	P	Pn	00 00 06.1 -0.9
TUL1	Tulsa	15.97 46	P	Pn	00 00 07.0 -0.5
TUL1	Tulsa	15.97 46	ePn	P	00 00 10.2 -0.9
P29A	Atwood	16.01 26	P	Pn	00 00 07.6 -0.4
R32A	Long Quarter,	16.03 33	P	Pn	00 00 07.7 -0.6
Y39A	Lockesburg	16.10 55	P	Pn	00 00 08.3 -0.9
O28A	Krutsinger Ran	16.15 23	P	Pn	00 00 10.2 +0.3
T35A	Sooner Cattle	16.16 42	P	Pn	00 00 09.8 -0.2
Q31A	Ellis	16.16 31	P	Pn	00 00 09.7 -0.3
BMN	Battle Mountai	16.18 339	ePn	P	00 00 14.8 +1.2
HWUT	Hardware Ranch	16.21 355	ePn	Pn	00 00 11.2 +0.5
CMIG	Matias Romero	16.22 118	Pn	Pn	00 00 12.1 +1.3
P30A	Selden	16.23 28	P	Pn	00 00 10.7 -0.2
PHWY	Pilot Hill	16.26 12	ePn	P	00 00 14.9 +0.4
U36A	Oolah	16.31 45	P	Pn	00 00 11.4 -0.4
R33A	Olander Ranch,	16.31 35	P	Pn	00 00 11.4 -0.6
S34A	Willow Spring	16.35 38	P	Pn	00 00 12.2 -0.1
W38A	Poteau	16.36 50	P	Pn	00 00 11.7 -0.8
V37A	Hulbert	16.39 47	P	Pn	00 00 11.8 -1.0
HVU	Hansel Valley	16.50 352	ePn	Pn	00 00 15.0 +0.7
O29A	4D Ranch, Culb	16.51 25	P	Pn	00 00 14.5 +0.1
Q32A	Mettler Ranch,	16.55 32	P	Pn	00 00 14.6 -0.3
P31A	Stockton	16.59 30	P	Pn	00 00 14.7 -0.7
T36A	Boyers Farm, Ca	16.64 42	P	Pn	00 00 15.0 -1.0
R34A	Isabella, Hill	16.70 37	P	Pn	00 00 15.6 -1.2
U37A	Salina	16.71 46	P	Pn	00 00 15.9 -1.1
N28A	Priebben Ranch	16.73 22	P	Pn	00 00 17.3 0.0
MIAR	Mount Ida	16.77 53	P	Pn	00 00 16.9 -0.8
MIAR	Mount Ida	16.77 53	ePn	P	00 00 20.4 +0.4
S35A	Otter Creek Ra	16.79 40	P	Pn	00 00 17.0 -1.0
O30A	MW Ranch, Wils	16.85 27	P	Pn	00 00 18.7 0.0
V38A	Canehill	16.86 48	P	Pn	00 00 17.8 -1.1
Q33A	Cooper Farm,	16.91 34	P	Pn	00 00 18.9 -0.6
NSHM	Saint Helena R	16.93 324	ePn	P	00 00 21.8 0.0
OHCM	Honcut	16.98 328	ePn	sP	00 00 21.5 -0.7
P32A	Huiling Farm,	17.03 31	P	sP	00 00 28.1 +1.8
O31A	Woolen Ranch,	17.13 28	P	Pn	00 00 22.0 -0.3
ORV	Oroville	17.15 328	ePn	Pn	00 00 21.9 -0.6
N29A	Votaw Ranch, W	17.18 24	P	Pn	00 00 22.7 0.0
U38A	Gravette	17.20 47	P	Pn	00 00 22.1 -1.0
S36A	Lake Cedric, C	17.24 41	P	Pn	00 00 22.8 -0.8
T37A	Cheneyville 18	17.27 44	P	Pn	00 00 23.4 -0.6
R35A	Emporia Municipi	17.30 39	P	Pn	00 00 24.8 +0.4
BW06	Boulder Array	17.30 1	ePn	Pn	00 00 23.7 -0.9
PDAR	Pinedale Array	17.30 1	ePn	Pn	00 00 23.8 -0.9
P33A	Williams Farm,	17.32 33	P	Pn	00 00 24.3 -0.3
Q34A	Chapman	17.32 36	P	Pn	00 00 23.9 -0.7
AHID	Auburn Hatcher	17.33 357	ePn	Pn	00 00 24.8 -0.1
N30A	Hueftle Ranch,	17.36 26	P	Pn	00 00 24.9 -0.2
K22A	Casper	17.41 8	P	Pn	00 00 26.0 +0.2
K22A	Casper	17.41 8	ePn	Pn	00 00 24.7 -1.1
M28A	Bar X Bar Ranc	17.42 22	P	Pn	00 00 25.8 -0.1
KSU1	Kansas State U	17.62 36	P	Pn	00 00 28.0 -0.4
KSU1	Kansas State U	17.62 36	ePn	Pn	00 00 28.2 -0.1
O32A	Brookman Farm,	17.69 30	P	Pn	00 00 28.3 -0.9
R36A	Gordon, Harris	17.69 40	P	Pn	00 00 28.9 -0.4
M29A	Burnside Ranch	17.70 23	P	Pn	00 00 28.8 -0.6
S37A	Fort Scott	17.73 42	P	Pn	00 00 28.9 -0.8
Q35A	Mercer Eighty,	17.76 38	P	Pn	00 00 29.8 -0.3
UALR	University of	17.77 54	ePn	P	00 00 33.2 +2.2
P34A	Walnut Farm, R	17.84 35	P	Pn	00 00 30.8 -0.2
N31A	Bailey Ranch,	17.85 28	P	Pn	00 00 31.0 -0.2
Q33A	Hebron	17.86 32	P	Pn	00 00 30.7 -0.7
O03D	Paynes Creek	17.88 329	P	Pn	00 00 32.1 -0.2
REDW	Red Top Meadow	17.92 358	ePn	Pn	00 00 32.0 -0.2
SNOW	Snow King Moun	18.01 358	ePn	Pn	00 00 33.5 0.0
N32A	Stulken Farm,	18.08 29	P	Pn	00 00 33.2 -0.8
R37A	Teagarden Farm	18.08 41	P	Pn	00 00 33.6 -0.4
Q36A	Arnold C. Orve	18.15 38	P	P	00 00 35.3 +0.1
LOHW	Long Hollow	18.16 358	ePn	Pn	00 00 34.3 -0.8
VBMS	Vicksburg	18.24 64	P	Pn	00 00 35.5 -0.5
VBMS	Vicksburg	18.24 64	ePn	P	00 00 40.0 +3.9
P35A	Duane Minner,	18.25 36	P	Pn	00 00 35.7 -0.4
M31A	Lambrecht Ranc	18.27 27	P	Pn	00 00 36.3 0.0
MOOV	Moose Ponds	18.30 358	ePn	Pn	00 00 36.3 -0.6
L29A	Maesberg Ranch	18.32 23	P	Pn	00 00 36.9 -0.1
O34A	Beatrice	18.38 34	P	Pn	00 00 37.2 -0.5
N33A	J Bar K, Exete	18.45 31	P	P	00 00 37.6 -0.8
WVOR	Wild Horse Val	18.45 339	ePn	Pn	00 00 39.0 +0.4
WDC	Whiskeytown Da	18.45 328	ePn	Pn	00 00 39.1 +0.6
HLID	Hailey	18.48 350	P	Pn	00 00 39.5 +0.4
HLID	Hailey	18.48 350	ePn	Pn	00 00 39.2 +0.2
L30A	Spencer Herefo	18.50 24	P	P	00 00 38.8 -0.2
MOD	Modoc	18.57 335	ePn	Pn	00 00 41.1 +0.9
J25A	Sunshine Ranch	18.60 14	P	Pn	00 00 40.2 0.0
MFID	Canas Ranch	18.60 346	ePn	Pn	00 00 41.0 +0.5
K28A	Ten Mile Ranch	18.61 20	P	P	00 00 40.1 -0.2
BGNE	Belgrade	18.67 28	P	P	00 00 40.2 -0.7
BGNE	Belgrade	18.67 28	ePn	Pn	00 00 42.0 +0.7
Q37A	Longview Farm,	18.68 40	P	P	00 00 40.3 -0.7
J26A	Sides Ranch, S	18.69 16	P	P	00 00 40.9 -0.3
P36A	Good Intent, A	18.75 37	P	P	00 00 41.3 -0.5
KMRM	Mall Ridge	18.76 325	ePn	sP	00 00 39.9 -2.1
N02D	Trinity Center	18.84 329	Pn	Pn	00 00 45.8 +1.0
O35A	Humboldt	18.84 35	P	P	00 00 42.0 -0.8
J27A	Elkhorn Farm,	18.92 18	P	P	00 00 43.7 0.0
H17A	Grant Village	18.94 358	P	P	00 00 44.4 +0.3
H17A	Grant Village	18.94 358	eP	Pn	00 00 46.5 +1.8
N34A	Lincoln	18.98 33	P	P	00 00 44.3 0.0
K29A	Lazy Trails An	18.99 22	P	P	00 00 44.8 +0.3
YFT	Old Faithful	19.00 358	eP	Pn	00 00 47.0 +1.5
L31A	Butterfield Fa	19.03 26	P	P	00 00 45.1 +0.3
M04C	Macedo	19.10 332	P	P	00 00 45.7 0.0
K30A	Basset	19.16 24	P	P	00 00 46.1 -0.3
P37A	Lathrop	19.21 39	P	P	00 00 46.5 -0.4
I25A	Rochford	19.21 14	P	P	00 00 46.5 -0.5
L32A	Elgin	19.22 28	P	Pn	00 00 47.6 -0.3
Q38A	Cooks Store, C	19.23 41	P	Pn	00 00 47.6 -0.4
M33A</					

4d 23h

KEBM	Edson Butte	21.08 329	eP	P	00 01 09.1 +1.9
F25A	Bowman	21.10 12	P	P	00 01 07.2 -0.2
M38A	Pleasantville	21.11 37	P	P	00 01 07.1 -0.3
N39A	Derby Farms, D	21.12 39	P	P	00 01 07.2 -0.4
I32A	Karley and Nic	21.13 25	P	P	00 01 07.3 -0.3
H31A	Wolsey	21.14 23	P	P	00 01 08.4 +0.6
G08A	Pilot Rock	21.14 342	eP	P	00 01 08.2 +0.3
J34A	George	21.14 29	P	P	00 01 07.5 -0.3
SLM	Saint Louis	21.16 47	eP	P	00 01 08.8 +0.7
F26A	Lodgepole	21.19 14	P	P	00 01 08.2 -0.2
ECSD	EROS Data Cent	21.23 27	P	P	00 01 08.4 +0.3
ECSD	EROS Data Cent	21.23 27	eP	P	00 01 08.2 -0.5
G29A	Hoven	21.30 20	P	P	00 01 09.6 +0.1
I03D	Drain, OR	21.30 332	P	P	00 01 09.9 +0.5
HRY	Holter Researc	21.31 356	eP	P	00 01 09.8 +0.1
L37A	Phoenix Point	21.31 35	P	P	00 01 09.3 -0.3
LRAL	Lakeview Retre	21.32 64	eP	P	00 01 11.5 +1.7
K36A	Gilmore City	21.34 33	P	P	00 01 09.8 -0.1
F10A	Beach Ranch, E	21.34 346	eP	P	00 01 09.9 -0.2
F27A	Lemmon	21.36 15	P	P	00 01 09.7 -0.5
SIUC	Southern Illin	21.38 50	eP	P	00 01 11.4 +1.0
I33A	Coleman	21.41 27	P	P	00 01 10.4 -0.3
LAO	LASA Array	21.42 7	P	P	00 01 10.6 -0.2
LAO	LASA Array	21.42 7	eP	P	00 01 10.3 -0.6
SCIA	State Center	21.44 36	eP	P	00 01 13.6 +2.6
G30A	Faulkton	21.48 21	P	P	00 01 10.6 -0.9
CROR	Criterion Ridg	21.49 338	P	P	00 01 13.1 +1.4
H32A	Carlson Farm,	21.54 25	P	P	00 01 11.9 -0.2
J35A	Milford	21.54 30	P	P	00 01 11.8 -0.3
G06A	Carlson Farm,	21.60 339	eP	P	00 01 15.9 +3.1
MSO	Missoula	21.61 352	P	P	00 01 12.9 -0.1
MSO	Missoula	21.61 352	eP	P	00 01 12.5 -0.5
CHMT	Chamberlain Mo	21.62 354	eP	P	00 01 13.0 -0.1
F28A	McLaughlin	21.64 17	P	P	00 01 12.9 -0.3
E25A	Miller Ranch,	21.66 12	P	P	00 01 13.4 0.0
H04A	Detroit Lake	21.66 336	eP	P	00 01 16.1 +2.7
WVT	Waverly	21.68 55	eP	P	00 01 14.8 +1.1
I38A	Oak Wood Farm,	21.74 36	P	P	00 01 13.7 -0.5
I34A	Hadley	21.79 28	P	P	00 01 14.6 -0.2
E26A	Carlson Angus	21.82 14	P	P	00 01 14.9 -0.3
G05D	Wamic, OR	21.83 338	P	P	00 01 15.6 +0.4
K37A	Belmond	21.84 34	P	P	00 01 14.8 -0.5
G31A	Conde	21.88 23	P	P	00 01 15.4 -0.3
F29A	Eureka	21.91 19	P	P	00 01 15.4 -0.6
J36A	Seneca 1, Swea	21.92 32	P	P	00 01 15.9 -0.3
H33A	Prehn Over Nor	21.96 26	P	P	00 01 15.9 -0.7
SLMT	Seelye Lake	21.97 353	eP	P	00 01 16.4 0.0
E27A	Carson	21.99 15	P	P	00 01 16.9 0.0
COR	Corvallis	22.01 334	eP	P	00 01 18.1 +1.1
I35A	Creekview Farm	22.03 30	P	P	00 01 17.5 +0.2
G32A	Webster	22.16 24	P	P	00 01 18.3 -0.4
K38A	Parkersburg	22.19 35	P	P	00 01 19.2 +0.1
J37A	Redenius Farm,	22.28 33	P	P	00 01 19.7 -0.3
SWMT	Swartz Lake	22.29 353	eP	P	00 01 19.4 -0.8
D25A	Fairfield	22.30 12	P	P	00 01 19.9 -0.4
HAWA	Hanford	22.31 342	eP	P	00 01 20.3 0.0
H34A	Spellman Lake,	22.34 27	P	P	00 01 20.4 -0.2
E28A	Huff	22.34 17	P	P	00 01 20.5 -0.2
D26A	Manning	22.36 13	P	P	00 01 20.0 -0.9
F31A	Hecla	22.42 22	P	P	00 01 21.1 -0.5
G33A	Ortonville	22.51 25	P	P	00 01 22.2 -0.2
G03D	McMinnville, O	22.52 335	P	P	00 01 22.9 +0.4
E07A	Sunnyside	22.55 342	eP	P	00 01 26.4 +3.4
JTMT	Jette	22.56 352	eP	P	00 01 23.3 +0.2
EGMT	Eagleton	22.56 0	P	P	00 01 23.3 +0.2
EGMT	Eagleton	22.56 0	eP	P	00 01 22.4 -0.7
USIN	University of	22.58 51	eP	P	00 01 23.0 +5.7
I36A	Fitzsimmons Fa	22.60 31	P	P	00 01 23.0 -0.4
E29A	Napoleon	22.63 19	P	P	00 01 23.5 -0.2
D27A	Center	22.64 15	P	P	00 01 23.8 0.0
YBMT	Yellow Bay	22.64 353	eP	P	00 01 24.4 +0.5
OLIL	Olney	22.65 49	eP	P	00 01 25.4 +1.5
BSJK	Bassoo Peak	22.73 351	eP	P	00 01 23.7 -1.2
H35A	Sunnyside Ranc	22.76 29	P	P	00 01 24.8 -0.3
D08A	Wollman Farm,	22.77 344	eP	P	00 01 24.4 -0.8
E30A	Jud	22.78 20	P	P	00 01 24.9 -0.5
SWET	Sewanee	22.80 59	eP	P	00 01 29.5 +3.8
F32A	Veblen	22.82 23	P	P	00 01 25.6 -0.2
J38A	Wedel Dairy, R	22.82 34	P	P	00 01 25.4 -0.4
HDIL	Hopedale	22.84 44	P	P	00 01 25.2 -0.8
C25A	Freed Ranch, W	22.85 12	P	P	00 01 26.0 -0.1
G34A	Benson	22.86 27	P	P	00 01 25.9 -0.3
I37A	Lemmond, Waseca	22.88 32	P	P	00 01 25.9 -0.5
D28A	Regan	22.95 16	P	P	00 01 26.5 -0.6
H36A	Jessenland, He	23.07 30	P	P	00 01 28.0 -0.3
D29A	Pettibone, Tap	23.09 18	P	P	00 01 27.9 -0.6

2010 DEC

F33A	baz=23, SNR=12	23.10 25	P	P	00 01 27.7 -1.0
E31A	Nome	23.16 21	P	P	00 01 28.4 -0.8
C26A	Wahner Farm, P	23.19 13	P	P	00 01 29.7 +0.1
C27A	Saylor Ranch,	23.21 14	P	P	00 01 29.8 0.0
C09A	Chrisman Ranch	23.31 346	eP	P	00 01 31.0 +0.2
LON	Longmire	23.32 339	eP	P	00 01 32.0 +1.0
D30A	Scaban	23.37 19	P	P	00 01 30.6 -0.8
B25A	Knox Farm, Ray	23.41 11	P	P	00 01 31.6 -0.2
I38A	Scanlon Farm,	23.42 33	P	P	00 01 31.3 -0.6
DGMT	Dagmar	23.43 10	P	P	00 01 32.1 +0.1
DGMT	Dagmar	23.43 10	eP	P	00 01 32.1 +0.1
F34A	Alexandria	23.47 26	P	P	00 01 32.3 -0.1
C28A	Hausauer Farms	23.48 16	P	P	00 01 32.4 -0.1
NEW	Newport	23.51 348	P	P	00 01 31.5 -1.3
NEW	Newport	23.51 348	eP	P	00 09 44.1
NEW	Newport	23.51 348	eP	P	00 01 33.2 +0.4
NEW	Newport	23.51 348	eP	P	00 01 33.6 +0.8
H37A	Dierke Farm, C	23.54 31	P	P	00 01 32.7 -0.3
D31A	Mcciaflin, Tow	23.64 21	P	P	00 01 33.6 -0.5
G36A	St. Michael	23.66 29	P	P	00 01 34.1 -0.1
WCI	Wyandotte Cave	23.67 52	eP	P	00 01 37.7 +3.2
E03A	Lebam	23.75 336	eP	P	00 01 36.5 +1.4
E33A	Westby DABS, E	23.77 24	P	P	00 01 34.4 -0.9
F35A	Swanville	23.80 27	P	P	00 01 35.0 -0.6
MDND	Maddock	23.81 17	P	P	00 01 34.6 -1.1
MDND	Maddock	23.81 17	eP	P	00 01 34.4 -1.3
WALA	Waterton Lakes	23.81 353	eP	P	00 01 35.0 -0.8
TIGA	Tifton	23.84 69	eP	P	00 01 34.7 -1.4
TIGA	Tifton	23.84 69	eP	P	00 01 37.2 +1.1
B27A	Peters Farms,	23.92 14	P	P	00 01 36.6 -0.2
BLO	Bloomington	23.94 49	eP	P	00 01 37.7 -0.8
CPCT	Cooper Cave	23.96 59	eP	P	00 01 38.7 +1.4
C30A	Moor Parkin	23.99 19	P	P	00 01 36.5 -0.8
A25A	Svangstu Ranch	24.06 11	P	P	00 01 37.8 -0.3
SPMN	St. Paul	24.07 31	P	P	00 01 37.7 -0.5
SPMN	St. Paul	24.07 31	eP	P	00 01 38.7 +0.5
E34A	Wadena	24.10 25	P	P	00 01 38.1 -0.3
C05A	Tolt Reservoir	24.12 340	eScP	ScP	00 08 58.8 +0.5
SPIN	Scholer Farm	24.15 46	eP	P	00 01 38.3 -0.6
SPIN	Scholer Farm	24.15 46	eP	P	00 01 43.5 +4.5
B28A	Dugan Ranch, T	24.17 16	P	P	00 01 38.6 -0.5
A26A	Wade Farm, Ken	24.22 13	P	P	00 01 38.8 -0.8
F36A	Milaca	24.25 29	P	P	00 01 39.3 -0.5
G0GA	Godfrey	24.28 65	eP	P	00 01 40.8 +0.6
C31A	Landman Farms,	24.30 20	P	P	00 01 39.7 -0.6
D33A	AnnSam, Waubun	24.37 24	P	P	00 01 40.2 -0.8
B35A	Peeot Lakes	24.43 26	P	P	00 01 41.1 -0.5
B29A	Wagenman Farm,	24.44 17	P	P	00 01 40.8 -0.8
A27A	Ledoux Ranch,	24.44 14	P	P	00 01 41.2 -0.4
D34A	Park Rapids	24.56 25	P	P	00 01 42.0 -0.6
TKL	Tuckaleechee C	24.61 59	P	P	00 01 43.0 -0.2
TKL	Tuckaleechee C	24.61 59	eP	P	00 01 45.6 +2.4
A28A	Rude Farm, Bot	24.62 15	P	P	00 01 42.6 -0.6
B30A	Myrvik Farm, E	24.71 19	P	P	00 01 43.6 -0.4
C32A	Crookston	24.72 22	P	P	00 01 43.7 -0.4
B05A	Bryant	24.75 340	P	P	00 01 44.4 +0.1
E36A	McGregor	24.88 28	P	P	00 01 44.8 -0.7
B31A	Greenbush Farm	24.89 20	P	P	00 01 45.2 -0.3
A29A	Manning Farm,	24.89 17	P	P	00 01 44.8 -0.8
C33A	Remer	24.92 23	P	P	00 01 45.3 -0.6
D35A	Remer	25.00 26	P	P	00 01 46.3 -0.3
TZTN	Tazewell	25.06 57	eP	P	00 01 50.7 +3.5
C34A	RKJ Ranch, Bem	25.14 24	P	P	00 01 47.8 -0.1
A30A	Hoffart Farm,	25.16 18	P	P	00 01 47.2 -0.8
B32A	Ashes, Strandq	25.21 21	P	P	00 01 47.9 -0.6
E37A	Wrenshall	25.28 29	P	P	00 01 48.6 -0.6
AGMN	Agassiz Nation	25.35 22	P	P	00 01 49.3 -0.5
AGMN	Agassiz Nation	25.35 22	eP	P	00 01 48.7 -1.1
B33A	Robert and Kas	25.42 23	P	P	00 01 50.1 -0.4
D36A	Goodland	25.44 27	P	P	00 01 50.1 -0.5
A31A	Linda, St. Vin	25.48 20	P	P	00 01 49.9 -1.0
C35A	Jirik Farms, M	25.54 25	P	P	00 01 50.6 -0.9
A32A	Rocking H Ranc	25.68 21	P	P	00 01 51.4 -1.4
D37A	Cotton	25.73 28	P	P	00 01 52.6 -0.7
B34A	Aery, Baudette	25.94 24	P	P	00 01 54.6 -0.5
C36A	Pine Crest Far	26.04 27	P	P	00 01 55.5 -0.4
A33A	Warrod	26.06 22	P	P	00 01 55.8 -0.4
B35A	Bob, Littlefor	26.18 25	P	P	00 01 56.5 -0.8
JSC	Jenkinsville	26.26 64	eP	P	00 02 04.0 +5.8
C37A	Embarrass	26.28 28	P	P	00 01 58.3 +0.1
KM5C	Kings Mountain	26.39 62	eP	P	00 01 57.9 -1.5
KM5C	Kings Mountain	26.39 62	eP	P	00 02 00.1 +0.7
C38A	Sawbill Land.	26.66 29	P	P	00 02 01.2 -0.5
EYMN	Ely	26.74 28	P	P	00 02 01.9 -0.5
EYMN	Ely	26.74 28	eP	P	00 02 03.8 +1.3

ACSO	Alum Creek Sta	26.85 50	eP
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161

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Guam, Zalesovo Beam, ZALV, etc.

CSEM 04 23:59:55.9, 0.3, 43.33N, 46.75E, h2km, mb3.0, E, Error ellipse: s-maj=22.9km s-min=6.2km az=138.0

AZER 04 23:59:56.4, 16.0, 42.92N, 46.43E, h5km, Error ellipse: s-maj=9.3km s-min=7.7km az=24.0

MOS 04 23:59:56.5, 1.5, 43.03N, 46.74E, h12km, mb4.3/1, Error ellipse: s-maj=6.7km s-min=5.1km az=39.4

ISC 04 23:59:56.9, 0.6, 43.10N, 0.02, 46.77E, 0.02, h12km, 5km, n104, r1522/182, 20C-20, Eastern Caucasus

Main table for 161 section, listing stations like DBC, DLMR, KRNK, UNCR, ARK, etc. with their respective data.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LACR, LACR, SEKA, etc.

ISC 05 00:02:15.9, 1.4, 5.76N, 126.82E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.7/40, mbtmp3.5/5, MS2.6/2, Ms1 2.6/2, s-min=17.6km az=68.0, Mindanao

ISC 05 00:03:18.1, 1.5, 30.92S, 177.68W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/40, mbtmp3.9/3, Error ellipse: s-maj=21.6km s-min=31.4km az=124.0

ISC 05 00:03:20.9, 1.4, 30.96S, 177.8W, 0.2, h27km, mb4.2/9, Error ellipse: s-maj=30.7km s-min=9.8km az=10.8

NEIC 05 00:03:22.1, 1.2, 30.85S, 177.77W, 0.2, h27km, n17, r0575/17, mb4.1/9, Kermaec Islands

Main table for 2010 DEC section, listing stations like DAV, GSPH, JOW, FITZ, etc. with their respective data.

5d 0h

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

JMA 05 00:12:59.2, 0.2, 24.16N, 122.17E, h63km, 4km, M2.1

ISC 05 00:13:00.3, 1.0, 24.16N, 122.17E, h63km, 4km, M2.1

ISC 05 00:13:00.3, 1.2, 24.59N, 104.122, 19E, 0.02, h30km, 13km, n22, r062/39, 1C-7D, Taiwan region

Main table for 5d 0h section, listing stations like TWC, ENA, TWB, etc. with their respective data.

ISC 05 00:15:19.0, 0.5, 25.37N, 0.03, 109.82W, 0.05, h10km, mb3.5/3, MS3.6/5, Error ellipse: s-maj=6.2km s-min=4.7km az=10.9

ISC 05 00:15:19.4, 1.3, 25.31N, 109.74W, h0km, mb3.3/2, mb1 3.8/7, mb1mx3.6/48, mbtmp3.4/7, ML3.5/5, MS3.7/11, Ms1 3.7/11, ms1mx3.6/15, Error ellipse: s-maj=25.6km s-min=13.5km az=118.0

MEX 05 00:15:23.3, 0.4, 25.35N, 109.93W, h15km, MD4.2

NEIC 05 00:15:23.3, 25.35N, 109.93W, h15km, mb3.8/2, MD4.2(MEX), After MEX

ISC 05 00:15:20.0, 0.7, 25.36N, 104.109, 93W, 0.04, h10km, n31, r184/33, mb3.5/3, MS3.6/5, Gulf of California

Main table for 5d 0h section, listing stations like LPIG, LPAZ, etc. with their respective data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISA Isabella, NVAR Misra Array Bea, DUG Dugway, etc.

ISCJBJ 05 00:16:07.2±0.3, 51°54'N±0.02, 16°15'E±0.02, h0km, mb3.0/1, Error ellipse: s-maj=2.2km s-min=1.9km az=20.4

CSEM 05 00:16:09.6±0.2, 51°50'N±0.16, 14E, h2km, ML3.8/7, Error ellipse: s-maj=3.7km s-min=2.0km az=13.0

IDC 05 00:16:10.4±0.6, 51°50'N±0.16, 16°03'E, h0km, mb3.3/1, mb1 3.6/9, mb1mx3.3.56, mbtmp3.5/9, ML3.1/8, Error ellipse: s-maj=10.9km s-min=6.3km az=107.0

BGR 05 00:16:11.1±0.3, 51°44'N±1.6, 14E, h1km, ML3.4/16, Error ellipse: s-maj=4.4km s-min=2.2km az=15.0

VIE 05 00:16:12.7±0.4, 51°31'N±1.0, 16°01'E, h0km, mb2.8/5, ml3.2/5, Error ellipse: s-maj=2.9km s-min=2.3km az=106.0

UPP 05 00:16:13.8±0.5, 51°77'N±1.5, 63E, h0km, ML2.6, Suspected explosion

ISC 05 00:16:08.0±0.6, 51°53'N±0.02, 16°14'E±0.02, h0km, n96, r136/178, 4C-12, Poland

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QJC Ojcow, KHC Kasperske Hory, SMOL Smolenice, etc.

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

ISCJBJ 05 00:48:45.1±0.8, 5°59'N±1.1, 149°25'E±0.1, h150km, mb3.7/4, Error ellipse: s-maj=23.3km s-min=9.5km az=39.8

IDC 05 00:48:47.2±0.5, 5°57'N±1.4, 149°20'E, h161km, mb3.5/5, mb1 3.6/7, mb1mx3.2/8, mbtmp3.9/7, Error ellipse: s-maj=49.8km s-min=17.8km az=128.0

AUST 05 00:48:59.5±1.7, 6°50'S±1.0, 149°01'E, h28km, Error ellipse: s-maj=2.8km s-min=1.6km az=236.0

ISC 05 00:48:46.3±1.1, 5°56'S±0.2, 149°3E±0.2, h150km, n14, r059/16, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, COEN Coenen, etc.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC	h	m	s	ISC
HWA	Hwalien	0.18	314	eP	Op	01 04 10.7	-0.4					
HWA	baz=319			eS	Sn	01 04 16.0	-1.9					
TWD	Chiawan	0.27	329	P	Pn	01 04 10.9	0.0					
TWD	baz=331			eS	Sn	01 04 17.3	+0.2					
ESL	Shilin	0.29	263	P	Pn	01 04 10.8	-0.2					
ESL	baz=268			eS	Sn	01 04 17.1	-0.1					
EHY	Hungye	0.52	228	∩P	Pn	01 04 13.1	-0.9					
WHF	Hehuan Shan	0.53	304	∩P	Pn	01 04 13.8	-0.8					
WHF	baz=305			eS	Sn	01 04 22.7	+0.3					
WDT	Danda	0.57	260	∩P	Pn	01 04 14.3	-0.7					
WDT	baz=263			eS	Sn	01 04 22.9	-0.3					
ENA	Nanau	0.57	360	P	Pn	01 04 14.6	-0.2					
ENA	baz=359			eS	Sn	01 04 25.0	+0.2					
TWF1	Yuli	0.65	220	P	Pn	01 04 14.7	-1.1					
TWF1	baz=221			eS	Sn	01 04 24.5	-0.3					
TWT	Tachien	0.66	308	P	Pn	01 04 15.8	-0.3					
TWT	baz=308			eS	Sn	01 04 25.1	-0.2					
NNS	Nan Shan	0.68	330	eP	Pn	01 04 16.1	-0.2					
NNS	baz=330			eS	Sn	01 04 25.7	0.0					
TWC	Suao	0.76	7	eP	Pn	01 04 17.6	+0.3					
TWC	baz=6.0			S	Sn	01 04 28.5	+1.0					
SMLT	Sun Moon Lake	0.77	272	P	Pn	01 04 17.0	-0.6					
SMLT	baz=274			eS	Sn	01 04 28.6	+0.6					
ENTT	Nioudou	0.80	348	∩P	Pn	01 04 17.5	-0.4					
ENTT	baz=348			eS	Sn	01 04 28.6	-0.1					
YUS	Yu-Shan	0.81	244	eP	Pn	01 04 18.3	-0.2					
YUS	baz=245			S	Sn	01 04 28.9	-0.6					
TYC	Yuchr	0.81	274	eP	Pn	01 04 17.7	-0.3					
TYC	baz=275			eS	Sn	01 04 29.0	+0.2					
CHKT	Chengkung	0.83	2051	eP	Pn	01 04 17.5	-0.7					
CHKT	baz=206			eS	Sn	01 04 18.6	-0.2					
TWE	Neicheng	0.87	355	eP	Pn	01 04 18.6	-0.2					
TWE	baz=355			eS	Sn	01 04 30.0	-0.3					
NSK	Sanguang	0.89	337	∩P	Pn	01 04 18.8	-0.4					
NSK	baz=337			eS	Sn	01 04 30.3	-0.7					
ALS	Alishan	0.93	249	eP	Pn	01 04 19.9	0.0					
ALS	baz=250			eS	Sn	01 04 32.1	0.0					
ELDTW	Lidau	0.94	225	eP	Pn	01 04 18.6	-1.2					
ELDTW	baz=226			eS	Sn	01 04 31.6	-0.5					
WNT	Mingjian	0.97	272	eP	Pn	01 04 20.8	+0.7					
WNT	baz=273			eP	Pn	01 04 21.6	+1.0					
EGS	baz=9.0	1.00	10	eP	Pn	01 04 21.6	+1.0					
CHN5	Tsauling	1.01	256	eP	Pn	01 04 21.7	+0.9					
CHN5	baz=257			eS	Sn	01 04 34.8	+1.0					
TWQ1	Liyutan	1.02	299	eP	Pn	01 04 20.8	-0.1					
TWQ1	baz=300			eS	Sn	01 04 34.5	+0.7					
TCU	Taichung	1.02	287	eP	Pn	01 04 21.6	+0.8					
TCU	baz=288			eS	Sn	01 04 35.8	+1.8					
WGK	Gukeng	1.10	262	eP	Pn	01 04 21.9	0.0					
WGK	baz=262			eS	Sn	01 04 22.9	+0.4					
STYT	Tauyuan	1.14	233	eP	Pn	01 04 22.9	+0.4					
STYT	baz=234			eS	Sn	01 04 37.5	+0.6					
CHN4	Tsushan	1.17	245	eP	Pn	01 04 23.3	+0.4					
CHN4	baz=246			eS	Sn	01 04 39.7	+2.1					
WTP	Ta-pu	1.20	240	eP	Pn	01 04 23.6	+0.3					
WTP	baz=241			eS	Sn	01 04 39.9	+1.5					
NWF	Wu-fen Shan	1.21	2	eP	Pn	01 04 23.9	+0.3					
NWF	baz=1.0			eS	Sn	01 04 24.0	0.0					
JYNG	Yonagunijimaku	1.25	61	P	Pn	01 04 39.9	+0.3					
JYNG	baz=62			S	Sn	01 04 42.0	+1.3					
YJW	Hsinying	1.29	243	eS	Sn	01 04 42.0	+1.3					
CHN1	Nanshi	1.30	240	eS	Sn	01 04 42.0	+1.1					
YJW	Yonaguni jima	1.31	62	S	Sn	01 04 41.5	+0.5					
SGST	Jiashian	1.31	235	eP	Pn	01 04 25.6	+0.7					
SGST	baz=235			eS	Sn	01 04 42.7	+1.5					
SCZ	Sandimen	1.50	223	eP	Pn	01 04 29.1	+1.6					
SCZ	baz=223			eS	Sn	01 04 32.8	+1.2					
SSD	Fangliu	1.80	215	eP	Pn	01 04 33.2	+1.2					
SSD	baz=215			P	Pn	01 04 33.2	+0.3					
HATJ	Hateruma jima	1.90	83	P	Pn	01 04 56.3	+0.7					
HATJ	baz=84			S	Sn	01 05 02.1	+1.4					
JKRS	Kuro-shima	2.11	79	P	Pn	01 05 02.1	+1.4					
JKRS	baz=79			S	Sn	01 04 37.7	-0.1					
JIJ	Ishigaki jima	2.25	76	P	Pn	01 05 03.7	-0.6					
JIJ	baz=76			S	Sn	01 04 40.3	-0.3					
JISG	Ishigakijimahi	2.46	72	P	Pn	01 05 08.5	-0.8					
JISG	baz=72			P	Pn	01 05 45.7	+0.2					
JTJ	Tarama	2.81	73	P	Pn	01 05 18.3	-0.2					
JTJ	baz=73			S	Sn	01 05 18.3	-0.4					

IDC 05 01:07:27.1±0.9, 11.84N:43.98E, h0km, mb4.2/18, mb1.4/3/18, mb1mx4.1/43, mbtmp4.2/18, MS3.8/22, Ms1.3/722, ms1mx3.5/42, Error ellipse: s-maj=21.2km s-min=13.6km az=167.0
 ISCJB 05 01:07:27.0±0.4, 11.59N:01.06±44.02E:0.04, h4km, mb4.2/24, MS3.7/19, Error ellipse: s-maj=6.7km s-min=5.4km az=153.4
 CSEM 05 01:07:28.8±0.3, 12.01N:44.09E, h2km, mb4.3/14, Error ellipse: s-maj=11.5km s-min=9.8km az=150.0
 BUJ 05 01:07:28.7, 12.33N:43.84E, h10km, mb4.6/17, mb5.0/10, Ms4.7/5, Ms7.4/6
 NEIC 05 01:07:29.4±0.5, 12.02N:43.97E, h10km, mb4.3/9, Error ellipse: s-maj=12.0km s-min=9.2km az=140.0
 ISN 05 01:07:29.4±1.0, 12.04N:43.84E, h0km, mb4.3/9, ML4.4
 ISC 05 01:07:28.5±0.5, 11.98N:0.08±43.95E:0.07, h4km, n152, a=1935/135, mb4.3/34, MS3.6/19, 25-C-9D, Ethiopia

FURI	Furi	6.03	240	ePn	Pb	01 09 11.3	-3.0					
RAYN	Ar Rayn	11.57	7	ePn	Pn	01 10 09.4	-5.2					
KMBO	Kilima Mbogo	14.62	208	ePn	Pn	01 10 58.2	+1.6					
KMBO	baz=319			Lg	Lg	01 15 10.9						
ASUD	Al Ashudh, Dub	16.56	39	∩P	P	01 11 24.9	+0.6					
FAQ	Al Faqa, Dubai	16.81	39	∩P	P	01 11 25.6	-1.6					
ASHO	Ashiyah	17.06	41	∩P	Pn	01 11 28.3	+0.2					
HATD	Hatta, Dubai	17.21	40	∩P	Pn	01 11 31.1	-0.5					
BANOH	Banai	18.11	38	∩P	Pn	01 11 40.0	-1.1					
MBAR	Mbarara	18.12	227	Lg	Lg	01 16 58.4						
MBAR	baz=249nm, 21.2s, baz=166, slow=32			LR	LR	01 18 31.8						
NSR	Nassriya	19.05	6	eP	x	01 11 52.8						
NSR	baz=249nm, 21.2s, baz=166, slow=32			eSn	x	01 15 28.6						
NSR	Nassriya	19.05	6	eP	Pn	01 11 52.8	+0.4					
EIL	Eilat	19.49	336	Lg	Lg	01 17 51.2						
EIL	baz=249nm, 21.2s, baz=166, slow=32			LR	LR	01 18 04.9						
IPAR	IPars	19.68	24	eP	P	01 11 59.4	+0.4					
IPAR	baz=249nm, 21.2s, baz=166, slow=32			LR	LR	01 11 59.4	+0.4					
IDBR	Idhra	21.11	5	eP	x	01 12 15.0						
IDBR	baz=249nm, 21.2s, baz=166, slow=32			eS	x	01 16 11.5						
ASF	Jabal al Asfar	21.12	343	P	P	01 12 15.8	+1.4					
ASF	baz=249nm, 21.2s, baz=166, slow=32			Lg	Lg	01 18 39.6						
BHD	Baghdad	21.19	1	eP	x	01 12 16.6						
BHD	baz=249nm, 21.2s, baz=166, slow=32			eS	x	01 16 12.8						
BHD	Baghdad	21.19	1	eP	S	01 12 16.6	+1.5					
BHD	baz=249nm, 21.2s, baz=166, slow=32			eS	S	01 16 12.8	+1.5					
IRAM	Rameshah	21.21	20	eP	P	01 12 13.3	-2.2					
IRAM	baz=249nm, 21.2s, baz=166, slow=32			eP	P	01 12 13.4	-2.2					
IPIR	Pirpir	21.57	16	eP	P	01 12 19.0	-0.5					
IPIR	baz=249nm, 21.2s, baz=166, slow=32			eP	P	01 12 19.0	-0.5					
IMEH	Mehriz	21.68										

2010 DEC

5d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TWA Mucha, NSK Sanguang, NNS Nan Shan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H1N1 WAKE ISLAND, WRA Warramunga Arr, etc.

DDA 05 01:25:56.1, 35.69N, 30.76E, h15km, Md3.0
NIC 05 01:26:00.7, 35.14N, 31.48E, h5km, ML3.3
ISK 05 01:26:01.9, 35.09N, 31.66E, h8km, MD3.2

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

IDC 05 01:10:12.5, 1.7, 31.28S, 72.08W, h0km, mb4.2/3,
mb1 4.0/6, mb1mx3.8/28, mbmp4.0/6, ML3.6/3, MS3.6/2

GUC 05 01:10:17.9, 0.7, 31.49S, 71.59W, h27km, kM, ML3.9
ISC 05 01:10:14.3, 2.1, 31.40S, 0.05, 71.91W, 0.08, h13km, 12km,
n39, r1538/35, mb4.3/3, 3C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LSCH La Serena, ROCH El Roble, ROCH El Roble, etc.

ISC/B 05 01:29:09.6, 0.9, 33.24S, 0.06, 70.43W, 0.06, h108km, 6km,
Error ellipse: s-maj=11.7km s-min=5.6km az=138.7

SJA 05 01:29:09.4, 1.4, 33.23S, 70.42W, h103km, 9km, ML2.5,
MW2.7

GUC 05 01:29:10.5, 0.4, 33.21S, 70.48W, h106km, 2km, ML3.5
ISC 05 01:29:08.2, 1.3, 33.24S, 0.07, 70.46W, 0.07,
h108km, 13km, n18, r06/35, 3C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ROCH El Roble, TACH Talagante, TACH Talagante, etc.

comp=Z, 7.4nm, 0.2s

CSEM 05 01:30:44.0, 0.2, 43.10N, 18.73E, h2km, ML2.3, Error
ellipse: s-maj=4.7km s-min=2.2km az=115.0
PDG 05 01:30:45.2, 0.2, 43.07N, 18.77E, h4km, 2km, MD2.4/4,
ML2.3/1, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, etc.

IDC 05 01:31:19.6, 1.5, 25.18N, 109.64W, h0km, mb3.2/1,
mb1 3.5/5, mb1mx3.4/36, mbmp3.1/5, ML3.2/4, MS3.4/6,
Ms1 3.5/2, ms1mx2.3/21, Error ellipse: s-maj=33.0km
s-min=14.7km az=122.0

ISCJB 05 01:31:20.4, 0.8, 25.21N, 109.59W, 0.1, h17km,
mb3.4/1, MS3.3/2, Error ellipse: s-maj=20.5km
s-min=6.6km az=37.9

ISC 05 01:31:22.2, 1.0, 23.33N, 101.1097W, 0.1, h17km, n11,
r184/39, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPIG La Paz, LPIG La Paz, TXAR Lajitas Array, etc.

CSEM 05 01:34:30.8, 0.1, 41.82N, 21.82E, h2km, ML2.3, Error
ellipse: s-maj=3.7km s-min=2.7km az=66.0
ATH 05 01:34:30.5, 41.84N, 21.82E, h5km, MD3.2/18
SKO 05 01:34:31.1, 41.75N, 21.76E, h15km, M2.0, ML2.8

SOF 05 01:34:31.9, 41.84N, 21.86E, h3km, MD2.5
THE 05 01:34:31.9, 41.80N, 21.83E, h0km, 3km, ML2.7/3, Error
ellipse: s-maj=3.2km s-min=1.1km az=310.0

BEO 05 01:34:31.1, 0.4, 41.78N, 21.76E, h5km, 3km, ML2.3/9
ISC 05 01:34:31.4, 1.0, 43.08N, 0.02, 21.81E, 0.02, h11km,
n78, r06/5/109, 1C, Northwestern Balkan Peninsula

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

Table with columns: SKO, Skopje, 0.31 298, P, Pg, 01 34 37.4, -0.1, etc. Lists various stations and their coordinates.

IDC 05 01:35:54.4, 6, 24'22S-179'97W, h472km, 37km, mb3.2/3, mb1 3.4/4, mb1mx3.0/27, mbtmp4.1/4, Error ellipse: s-maj=49.1km s-min=40.9km az=52.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like URZ Urewera, STKA Stephens Creek, etc.

Table with columns: LSPA Little Sitkin, 0.92 87, P, Pn, 02 01 04.0, -1.1, etc. Lists stations like LSPA, AMKA, SEMIS, etc.

NEIC 05 02:01:36.6, 52'19N-177'29E, h36km, ML3.7(AEIC), After AEIC: RT, Islanids

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

ISCJB 05 02:03:58.3, 0.8, 33'11N-0.04, 35'48E, 0.04, h1km, 6km, Error ellipse: s-maj=6.5km s-min=6.0km az=162.1

ISC 05 02:03:58.0, 0.4, 33'09N-35'47E, h9km, 6km, MD2.7, Error ellipse: s-maj=4.9km s-min=3.8km az=15.0

NSCC 05 02:03:59.3, 1.2, 33'10N-35'52E, h4km, 5km, MD1.3, ML1.7, ISC 05 02:03:58.6, 1.1, 33'11N-0.04, 35'47E, 0.03, h4km, 10km, n24, c046/43, Jordan-Syria region

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

ZALF comp=E, 11nm, 0.5s AML AML 02 04 52.1

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

DDA 05 02:04:50.9, 37'92N-35'12E, h7km, Md2.6, CSEM 05 02:04:51.9, 0.5, 37'88N-35'22E, h10km, MD2.5, Error ellipse: s-maj=11.6km s-min=9.9km az=42.0

ISCJB 05 02:04:52.0, 0.6, 37'93N-35'15E, 0.04, h10km, 6km, Error ellipse: s-maj=6.6km s-min=5.0km az=135.7

ISC 05 02:04:52.4, 37'81N-35'14E, h13km, MD2.5, ISC 05 02:04:52.3, 1.3, 37'85N-0.05, 35'10E, 0.03, h7km, 18km, n16, c047/25, Turkey

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

Table with columns: GULE, Gulek, 0.63 205, S, Sb, 02 05 13.9, -0.8, etc. Lists stations like GULE, KOZT, etc.

BUI 05 02:31:13.4, 36'24N-70'32E, h256km, mb4.4/11, mb4.7/7, ISCJB 05 02:31:21.8, 0.3, 36'67N-0.02, 70'87E, 0.05, h268km, 4km, mb3.8/26, Error ellipse: s-maj=6.3km s-min=3.8km

NNC 05 02:31:22.4, 2.8, 36'64N-71'06E, h259km, 27km, mb3.5, mpv4.8, Error ellipse: s-maj=25.5km s-min=18.5km az=6.0

NEIC 05 02:31:22.0, 0.8, 36'63N-70'79E, h266km, 6km, mb4.2/8, Error ellipse: s-maj=16.6km s-min=9.2km az=128.0

IDC 05 02:31:23.1, 1.0, 36'60N-70'92E, h268km, 6km, mb3.6/19, mb1 3.7/26, mb1mx3.5/65, mbtmp4.3/26, Error ellipse: s-maj=11.7km s-min=9.7km az=123.0

ISC 05 02:31:22.5, 0.5, 36'65N-0.04, 70'97E, 0.05, h269km, 5km, n93, r152/108, mb4.0/26, 9C-8D, Hindu Kush region

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

370nm, 4.2s SARG Sargodha, 4.92 163 P Pn 02 32 38.6 +0.6

AMR Almayasha, 5.87 20 P Pn 02 32 49.3 -0.4

UCH Uchtor, 6.21 25 P Pn 02 32 53.9 0.0

KZA Kyzart, 6.36 30 P Pn 02 32 55.4 -0.3

EKS2 Erkin-Say, 6.38 19 P Pn 02 32 55.8 0.0

EKS2 Erkin-Say, 6.38 19 ePn eS 02 32 57.0 -0.3

KK31 Karatay Array, 6.46 357 U Pn 02 32 55.8 -0.8

KK31 Karatay Array, 6.46 357 ePn eS 02 32 55.9 -0.7

KKAR Karatay Array, 6.46 357 ePn eS 02 34 07.4 -0.8

AAK Ala-Archa, 6.57 23 U Pn 02 32 57.9 -0.2

AAK Ala-Archa, 6.57 23 P Pn 02 34 14.5 -0.4

AAK Ala-Archa, 6.57 23 Pn 02 32 58.3 +0.3

AAK Ala-Archa, 6.57 23 Pn 02 34 13.7 -1.2

AAK Ala-Archa, 6.57 23 Pn 02 32 58.4 +0.3

AAK Ala-Archa, 6.57 23 ePn eS 02 32 58.1 0.0

KBK Karagbulak, 6.74 26 P Pn 02 33 00.7 +0.5

ULHL Ulahol, 6.92 34 P Pn 02 33 02.6 +0.1

CHMS Chumysh, 6.98 23 P Pn 02 33 02.7 -0.4

USP Oshnovka, 7.14 21 P Pn 02 33 04.3 -0.8

TKM2 Tokmak 2, 7.21 28 U Pn 02 33 05.9 -0.2

TKM2 Tokmak 2, 7.21 28 U S 02 34 27.9 -1.5

TKM2 Tokmak 2, 7.21 28 P Pn 02 33 06.2 +0.2

TKM2 Tokmak 2, 7.21 28 ePn eS 02 33 06.2 +0.2

SMLA Simla, 7.54 135 U Pn 02 33 11.4 +1.3

SMLA Simla, 7.54 135 U S 02 34 33.1 -3.8

SMLA Simla, 7.54 135 U S 02 34 33.2 -3.7

SMLA Simla, 7.54 135 U AML AML 02 34 38.1

SMLA Simla, 7.54 135 U AML AML 02 34 39.2

KKR Kurukshetra, 8.27 142 eS S 02 34 48.1 -5.6

KHET Khetri, 9.47 153 ePn eS 02 33 33.0 -0.1

KHET Khetri, 9.47 153 eS S 02 35 14.4 -7.0

KHET Khetri, 9.47 153 eS S 02 35 21.9

KHET Khetri, 9.47 153 AML AML 02 35 22.1

NDI New Delhi, 9.52 145 ex P 02 33 42.5 +1.9

NDI New Delhi, 9.52 145 eS S 02 35 15.5 -7.1

KUDL Kundal, 9.67 150 ePn eS 02 33 36.6 -0.2

KUDL Kundal, 9.67 150 eS S 02 35 18.9 -7.1

KUDL Kundal, 9.67 150 AML AML 02 35 27.8

KUDL Kundal, 9.67 150 AML AML 02 35 29.0

GEYT Alibek, 10.32 281 P Pn 02 33 43.2 -1.7

GEYT Alibek, 10.32 281 eS S 02 34 19.7 -0.2

MK01 Makanchi Array, 13.17 36 ePn P 02 34 19.7 -0.2

MK31 Makanchi Array, 13.19 36 U Pn 02 34 20.0 0.0

MKAR Makanchi Array, 13.19 36 P Pn 02 34 20.2 +0.1

MKAR Makanchi Array, 13.19 36 ePn eS 02 34 20.4 +0.3

KOLN Koldanda, 13.87 126 eP P 02 34 32.2 +3.2

GKN Gurkha, 14.40 123 eP Pn 02 34 38.0 +2.9

WMQ Urumqi, 14.63 56 eP P 02 34 37.3 +0.2

WMQ Urumqi, 14.63 56 PMZ 02 34 45.1 +3.1

WMQ Urumqi, 14.63 56 AML AML 02 34 40.1 -0.4

AB31 Akbulak array, 14.95 331 U P 02 34 40.1 -0.4

ABKAR Akbulak array, 14.95 331 eP Pn 02 34 40.4 -0.1

DMN Akbulak array, 14.97 123 eP Pn 02 34 45.1 +3.1

KURBB Kurchatov Arr, 14.99 19 U Pn 02 34 40.4 -0.6

KURBB Kurchatov Arr, 14.99 19 ePn eS 02 34 41.1 +0.2

KURBB Kurchatov Arr, 14.99 19 P Pn 02 34 41.1 +0.2

KURBB Kurchatov Arr, 14.99 19 AML AML 02 37 26.6 +0.7

PKIN Pulchoki, 15.19 122 eP Pn 02 34 47.8 +3.2

PKI Pulchoki, 15.19 122 eP Pn 02 34 47.5 +2.7

GUN Gumba, 15.31 120 eP Pn 02 34 48.5 +2.4

BVA0 Borovoye Arr, 16.38 359 U Pn 02 34 57.7 -0.4

BVA0 Borovoye Arr, 16.38 359 ePn eS 02 34 57.7 -0.4

BVAR Borovoye Arr, 16.38 359 P Pn 02 34 57.2 -1.0

BVAR Borovoye Arr, 16.38 359 eS S 02 37 52.0 -0.8

RAMN Ramite, 16.41 122 eP Pn 02 35 01.0 +2.1

BRVK Borovoye, 16.42 359 U Pn 02 34 57.9 -0.5

BRVK Borovoye, 16.42 359 eP P 02 34 57.4 +0.9

BRVK Borovoye, 16.42 359 eS S 02 37 54.8 +0.1

AKTO Aktyubinsk, 16.64 330 U Pn 02 34 59.0 +0.8

AKTO Aktyubinsk, 16.64 330 P Pn 02 35 00.2 -1.0

AKTO Aktyubinsk, 16.64 330 eS S 02 37 57.6 -1.3

AKTO Aktyubinsk, 16.64 330 eP Pn 02 37 57.6 -1.3

TAPN Tapejung, 16.93 118 eP Pn 02 35 06.5 +1.4

ODAN Odare, 17.01 120 eP Pn 02 35 07.3 +1.3

5d 2h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISCJB 05 02:31:47.6.0.7, 11:68N.08:44.14E.0.06, h4km, mb4.0/17, MS3.5/18, Error ellipse: s-maj=13.4km s-min=7.3km az=151.1

IDC 05 02:31:49.0.1.4, 11:71N.04:05E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.7/59, mbtmp3.9/11, MS3.5/21, Ms1.3.5/21, ms1mx3.3/72, Error ellipse: s-maj=35.0km s-min=15.1km az=164.0

NEIC 05 02:31:50.3.1.0, 11:66N.44:07E, h10km, mb4.3/6, Error ellipse: s-maj=20.5km s-min=11.5km az=162.0

ISC 05 02:31:50.5.1.0, 11:31N.01:44.09E.0.09, h4km, n41, az=147/27, mb4.1/17, MS3.5/18, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, IMEV Mehri, etc.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRNR Obninsk, GERN GERS Array B, DAVOX Davos/Dischmat, etc.

ISCJB 05 02:34:53.6.0.6, 11:93N.0:08:44.04E.0.06, h4km, mb4.2/26, Error ellipse: s-maj=12.3km s-min=7.0km az=149.9

IDC 05 02:34:54.0.9.1, 11:90N.44:03E, h0km, mb4.1/17, mb1.4/217, mb1mx3.9/60, mbtmp4.1/17, Error ellipse: s-maj=21.1km s-min=16.0km az=167.0

NEIC 05 02:34:56.0.0.5, 11:90N.44:02E, h10km, mb4.4/9, Error ellipse: s-maj=10.2km s-min=8.7km az=150.0

ISC 05 02:34:55.1.0.8, 11:91N.01:44.01E.0.08, h4km, n38, az=81/32, mb4.3/26, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, RAYN Ar Rayn, etc.

MAN 05 02:42:36, 17.94N.120.37E, h35km, mb4.4, ML3.2, MS3.1, 1C, Luzon

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABRA Dolores, ABRA Pasuquin, ABYV Conner, etc.

166

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRNR 590nm.0.1s, GRNR 590nm.0.1s, EKMR Ekimchan, etc.

IDC 05 02:44:38.1.39.0, 3:01N.124:58E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.3/40, mbtmp3.5/3, Error ellipse: s-maj=850.4km s-min=228.5km az=155.0, Celebes Sea

WRA Warramunga Arr 24.74 15Z Op ISC h m s ISC 0.2nm, 0.4s, baz=338, slow=9.1, SNR=2.6 P 02 50 29.9 -1.3

ASAR Alice Springs 28.03 16Z P 02 50 29.9 -1.3

STKA Stephens Creek 38.28 15Z P 02 52 02.1 +1.7

IDC 05 02:45:11.2.1.8, 25:06N.109:28W, h0km, mb3.1/1, mb1.3/5.4, mb1mx3.3/40, mbtmp3.1/4, ML3.5/3, MS3.1/1, Ms1.3.1/1, ms1mx2.5/13, Error ellipse: s-maj=40.4km s-min=14.8km az=133.0, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPIG La Paz, LPIG 6.5nm.0.3s, LPIG 6.5nm.0.3s, etc.

SIGU 05 02:49:17.7.45:74N.26:61E, h159km, mb3.6

ISCJB 05 02:49:18.5.0.2, 45:71N.0:26:53E.0.02, h148km, 2km, mb3.4/12, Error ellipse: s-maj=2.9km s-min=2.5km az=42.4

SOF 05 02:49:19.6.0.4, 45:60N.26:48E, h140km, MD3.2

CSEM 05 02:49:19.1.0.2, 45:69N.26:50E, h149km, 1km, MD4.5, Error ellipse: s-maj=3.0km s-min=2.6km az=7.0

BUC 05 02:49:19.1.0.4, 45:70N.26:53E, h155km, 4km, MD4.5/8, Error ellipse: s-maj=3.4km s-min=2.7km az=2.0

IDC 05 02:49:19.6.0.4, 45:72N.26:34E, h140km, 3km, mb3.1/11, mb1.3/0.17, mb1mx3.0/42, mbtmp3.5/17, Error ellipse: s-maj=17.0km s-min=11.1km az=149.0

ISC 05 02:49:19.9.0.6, 45:70N.0:26:52E.0.02, h152km, 4km, n195, r192/276, mb3.4/12, 85C.50D, Romania

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLOST Plostina, PLOST Plostina, VRI Vrincoiaia, etc.

5d 3h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NLAI Namlea, MSAI Masohi, SANI Sanana, etc.

IDC 05 03:04:53.7; 1.4, 24.365S; 67.81W, h216km, 19km, mb2.6/1, mb1 3.1/4, mb1mx3.5/28, mbtmp3.4/4, Error ellipse: s-maj=43.5km s-min=20.0km az=77.0, Chile-Argentina border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, CFAA Coronel Fontan, LPAZ La Paz, etc.

IDC 05 03:05:35.6; 1.4, 34.105S; 72.50W, h0km, mb4.0/5, mb1 3.9/7, mb1mx3.4/40, mbtmp3.9/7, ML3.3/3, Error ellipse: s-maj=53.6km s-min=19.8km az=111.0, ISC:JIB 05 03:05:38.3; 1.2, 34.205S; 0.05; 72.44V.0.06, h23km, 9km, mb4.1/4, Error ellipse: s-maj=9.4km s-min=6.8km az=34.5, GUC 05 03:05:40.0; 0.7, 34.175S; 72.26W, h16km, 3km, ML3.8, ISC 05 03:05:37.1; 2.3, 34.135S; 0.04; 72.38W; 0.08, h7km, 13km, n33, i122/46, mb4.2/4, 3C-6D, Near coast of central Chile

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CHPI Pichilemu, LNV Longovilo, NICH Los Niches, etc.

IDC 05 03:09:26.4; 0.9, 35.745S; 73.34W, h0km, mb4.0/10, mb1 4.1/14, mb1mx4.0/27, mbtmp4.0/14, ML4.3/4, MS3.8/11, Ms1 3.7/11, ms1mx3.5/26, Error ellipse: s-maj=31.2km s-min=15.2km az=98.0, GUC 05 03:09:27.8; 0.6, 35.835S; 73.54W, h38km, 3km, ML4.6, ISC:JIB 05 03:09:28.9; 0.6, 35.755S; 0.04; 73.46W; 0.07, h33km, s-min=5.0km az=77.0, Error ellipse: s-maj=8.3km s-min=5.0km az=77.0, NEIC 05 03:09:28.6; 3.5, 35.895S; 73.21W, h12km, 32km, mb4.1/2, ML4.6(GUC), Error ellipse: s-maj=24.2km s-min=9.1km az=89.0, NEIC Felt [III] at Cobquecura, Concepcion, Quirihue and San

2010 DEC

Pedro de la Paz; [II] at Hualpen, La Laja, Penco, San Rosendo, Talcahuano and Tome, ISC 05 03:09:30.6; 0.7, 35.785S; 0.04; 73.49W; 0.09, h35km, n39, c1559, ch2, mb4.0/13, MS3.8/8, 3C-1D, Off coast of central Chile

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, CPCS San Pedro de C, CCHI Chillan, etc.

IDC 05 03:13:51.5; 2.1, 1.522N; 122.77E, h461km, 27km, mb2.9/6, mb1 3.1/8, mb1mx2.9/37, mbtmp3.9/8, Error ellipse: s-maj=43.6km s-min=12.7km az=75.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISK 05 03:28:44.8; 38.011N; 37.26E, h6km, MD2.9, DDA 05 03:28:45.0; 38.03N; 37.20E, h9km, MD2.9, CSEM 05 03:28:45.0; 2.0, 2.38.02N; 37.23E, h2km, MD2.9, Error ellipse: s-maj=4.2km s-min=3.0km az=142.0, ISC 05 03:28:45.4; 1.1, 38.02N; 0.02; 37.22E; 0.02, h5km, 11km, n31, c974/46, Turkey

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KMRS Kahramanmaras, DARE Darende-Malaty, AKCD Akcaday, etc.

168

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SARI SarDiz-Kayseri, ANDN Andirin, ANDN Andin, etc.

IDC 05 03:45:17.8; 17.27S; 173.30W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/28, mbtmp3.4/3, Error ellipse: s-maj=379.4km s-min=39.9km az=140.0, Tonga Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Ilaral, etc.

IDC 05 03:51:34.8; 2.4, 10.65S; 123.56E, h0km, mb3.9/2, mb1 3.6/4, mb1mx3.4/40, mbtmp3.5/4, ML2.9/2, Error ellipse: s-maj=227.6km s-min=31.4km az=54.0, DJA 05 03:51:39.8; 1.1, 10.5S; 7.12.4E, h10km, M3/3, ISC 05 03:51:37.7; 0.8, 10.56S; 0.06; 123.94E; 0.05, h27km, n10, c25/17, Timor region

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

IDC 05 03:55:10.1; 2.6, 29.93N; 57.57E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/42, mbtmp3.6/6, MS3.1/1, Ms1 3.1/1, ms1mx2.4/0, Error ellipse: s-maj=58.2km s-min=25.7km az=153.0, TEH 05 03:55:12.5; 29.96N; 57.64E, h4km, ML3.7, CSEM 05 03:55:13.9; 0.4, 30.13N; 57.57E, h2km, ML3.7, Error ellipse: s-maj=9.4km s-min=7.2km az=150.0, ISC 05 03:55:11.8; 1.0, 29.91N; 0.04; 57.55E; 0.04, h10km, 7km, n32, i153/35, mb3.6/6, 2C-2D, Southern Iran

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani, CHMN Cheshme madani, KRBR Kerman, etc.

IDC 05 03:56:27.0; 3.0, 3.00S; 155.56W, h0km, mb3.4/3, Error ellipse: s-maj=27.3km s-min=27.3km az=0.0, Zalesovo Beam, 72.30 SPT, 2.5 S, 4.0m, 0.3s, baz=155, slow=7.2, SNR=2.5

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ZHSF Zhabedan, GENO Geno, IDAH Dahanechah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUP, TUP, comp=E, 10.0nm, 0.6s, Tupik, comp=E, 131nm, 1.0s, 5.68 96 ePN Pn, etc.

IDC 05 04:45:14.9, 12.0, 20.16S, 169.91E, h119km, mb3.4/6, mb1 3.5/7, mb1mx3.4/34, mbtmp3.8/7, MS3.5/1, Ms1 3.5/1, ms1mx2.5/22, Error ellipse: s-maj=152.8km s-min=36.0km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, comp=Z, 4.0nm, 0.5s, CTX, Charters Tower, 22.38 266 P, etc.

IDC 05 05:03:04.0, 7.6, 38N, 124.64E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.9/32, mbtmp4.0/10, MS3.1/2, Ms1 3.2/12, ms1mx2.9/37, Error ellipse: s-maj=20.4km s-min=14.3km az=82.0

MAN 05 05:03:04, 6.48N, 124.66E, h2km, mb5.1, ML4.0, MS4.1 MAN INTENSITY III - ISULAN SULTAN KUDARAT & KORONADAL CITY; INTENSITY I - GENERAL SANTOS CITY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH, General Santos, 0.52 145 Op, KCP, Kidapawan, 0.65 42 Op, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAGZ, Pagadian, 1.82 316 eP, CGP, Cagayan de Oro, 1.92 11 eP, etc.

IDC 05 05:03:54.6, 4.0, 18.11S, 178.51E, h578km, mb3.0/2, mb1 3.3/2, mb1mx2.7/24, mbtmp4.0/2, Error ellipse: s-maj=154.3km s-min=26.4km az=154.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GYA, Gyangyung, 26.21 321 eP, GYA, Gyangyung, 26.21 321 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH, 100nm, 3.4s, LE, LZ, TKM2, Tokmak 2, 56.30 318 eP, etc.

IDC 05 05:10:54.8, 1.8, 1.04N, 123.99E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4/29, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=146.3km s-min=23.3km az=66.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ, Fitzroy Crossi, 19.09 175 P, WRA, Warramunga Arr, 23.19 155 P, etc.

NEIC 05 05:50:37.4, 58.689N, 137.36W, h11km, ML2.3(AEIC), ML2.6(OT), After AEIC.

PGC 05 05:50:37.4, 1.5, 58.64N, 137.39W, h1km, ML2.6/3, 134km Wsw of Haines, Ak Southeastern Alaska

ISC 05 05:50:38.9, 1.5, 58.80N, 137.38W, 0.03, h6km, 11km, n17, r194/33, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DHAK, Deception Hill, 0.52 305 Op, P, etc.

IDC 05 06:07:55.5, 1.8, 3.18N, 94.08E, h0km, mb3.9/5, mb1 4.1/7, mb4.2/5, mb5.4/1, MLV4.0/10, MWM(B)4.8/1

ISC 05 06:08:01.4, 1.1, 3.35N, 0.08, 94.3E, 0.1, h28km, n24, r154/118, mb3.9/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNSI, Sinabang, Aceh, 2.20 115 Op, etc.

ASAR 0.9nm,0.5s,baz=294,slow=8.0,SNR=24 PpP P 06 18 01.6 -1.0
ZALV Zalesovo Beam 51.04 353 P P 06 16 59.8 -1.1

MEX 05 06:16:06.5-0.4,14:39N:93:12W,h15km,MD3.8,Near coast of Chiapas
Code Station Name Az AZZ Phase ID Time Res

IDC 05 06:26:37.3-3.7,49:97S:127:69E,h0km,mb3.6/3, mb1 3.9/3,mb1mx3.7/14,mbtmp3.7/3,MS3.2/2,Ms1 3.2/2, ms1mx2.8/16,Error ellipse: s-maj=149.4km

Code Station Name Az AZZ Phase ID Time Res
H01W1 Cape Leeuwin H 18.04 322 T T 06 49 50.1
H01W2 Cape Leeuwin H 18.04 322 T T 06 49 44.9

IS/CJB 05 06:34:37.3-0.5,43:13N:0:02:18:74E,0:04,h1km,7km, Error ellipse: s-maj=5.0km s-min=2.7km az=29.7

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.0-0.3,43:10N:18:70E,h0km,1km,MD2.6/4, ML2.4/13,Error ellipse: s-maj=0.5km s-min=0.3km,ML2.2/1

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.0-0.2,43:10N:18:76E,h2km,ML2.4,Error ellipse: s-maj=4.5km s-min=2.7km az=111.0

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

IS/C 05 06:34:38.1-0.9,43:11N:0:02:18:77E,0:03,h8km,7km, n51,c078/86,11C-14D,Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
UPM Unac-Piva 0.14 47 P P 06 34 40.5 +0.2

JWY Kasumi 0.85 315 S Sg 06 37 15.9 -0.7
KJSM Kasumi 0.85 315 S P 06 37 07.3 -0.4

IDC 05 06:37:01.1-5.7,29:54N:81:83E,h0km,mb3.6/4, mb1 3.6/5,mb1mx3.3/40,mbtmp3.5/5,ML3.4/1,MS3.5/1, Ms1 3.5/1,ms1mx2.3/45,Error ellipse: s-maj=90.3km s-min=51.7km az=179.0

Code Station Name Az AZZ Phase ID Time Res
NDI New Delhi 4.28 256 eP P 06 38 21.5 +0.4

IDC 05 06:37:06.6-1.8,29:89N:0:2:81:95E:0:10,h21km,n8,c093/10,mb3.5/3,Nepal

Code Station Name Az AZZ Phase ID Time Res
NDI New Delhi 4.28 256 eP P 06 38 21.5 +0.4

IDC 05 06:37:06.6-1.8,29:89N:0:2:81:95E:0:10,h21km,n8,c093/10,mb3.5/3,Nepal

Code Station Name Az AZZ Phase ID Time Res
NDI New Delhi 4.28 256 eP P 06 38 21.5 +0.4

WEL 05 06:48:03.8-0.4,38:26S:176:03E,h154km,3km,ML3.7/5, 9C-4D,Error ellipse: s-maj=2.5km s-min=2.5km az=0.0, North Island

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

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MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

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MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

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MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

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Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

Code Station Name Az AZZ Phase ID Time Res
MRHZ Matea Rd 0.65 152 Op P 06 48 30.5 +0.2

KRNET 05 07:02:42.9-0.1,43:34N:80:10E,mb3.3, NNC 05 07:02:44.9-1.4,43:49N:79:88E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=22.2km s-min=4.9km az=146.0

Code Station Name Az AZZ Phase ID Time Res
PDGK Podgornoye 0.42 281f Op P 07 02 52.0 +0.4

Code Station Name Az AZZ Phase ID Time Res
PDGK Podgornoye 0.42 281f Op P 07 02 52.0 +0.4

Code Station Name Az AZZ Phase ID Time Res
PRZ Przhnevsk 1.43 238f Op P 07 03 10.4 +3.3

Code Station Name Az AZZ Phase ID Time Res
PRZ Przhnevsk 1.43 238f Op P 07 03 10.4 +3.3

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
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Code Station Name Az AZZ Phase ID Time Res
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Code Station Name Az AZZ Phase ID Time Res
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Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
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Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Code Station Name Az AZZ Phase ID Time Res
BOOM Boomsboye usch 3.11 257f Op P 07 03 33.9 -1.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMY Shemya, JTM Tenmabayashi, JANG Nango, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, KSMJ, SEHB, KSJJA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC Hu-ho-hao-te, HHC Ulanbaatar, H11S1, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, etc. Includes stations like GCMT Greycliff, YMR Madison River, MLAC Mammoth Lakes, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, etc. Includes stations like B28A Dugan Ranch, COEN Coen, SHPR Sheep Range, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, etc. Includes stations like AGMN Agassiz Nation, I27A Quinn, J26A Sides Ranch, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like UPC, DPC, CLL, BRG, GALL, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ISR, TREC, X38A, Y37A, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BFO, 735A, WATA, etc.

MEX 05 08:52:15.0:0.4, 15.03N-93.20W, h16km, MD3.6, Near coast of Chiapas
Code Station Name Az AZZ Op Phase ID Time Res
PCIG 0.67 359 i P ISC h m s ISC
PCIG 0.52 344 -2.6 P Sg 08 52 34.4 -2.6
CCIG Comitan 1.61 39 P Sg 08 52 39.1 -3.9
CCIG 0.52 358 -4.2 P iS Pn 08 52 38.4 -5.2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUG Fuego 3, PCG Pacaya, NGB Las Nubes, etc.

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

ISCJB 05 09:12:07.3.0.6.5.25S.0.04:131.76E.0.05,h47km, Error ellipse: s-maj=7.6km s-min=6.1km az=10.7

CSEM 05 09:56:27.7.0.2.40.68N.38.85E,h20km,MD2.9, Error ellipse: s-maj=7.1km s-min=3.2km az=53.0

ISC 05 09:12:07.3.0.6.5.25S.0.04:131.76E.0.05,h47km,n13, r158/14, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, FAKI Fak Fak, KMPI Kaimana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESPY Espiye-Giresun, ESPY Espiye-Giresun, GUMT Gumushane, etc.

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

IDC 05 09:18:11.6.1.8.25.16N:109.44W,h0km,mb3.2/1, mb1 3.7/4,mb1mx3.5/36,mbtmp3.2/4,ML3.4/3.0, Error ellipse: s-maj=35.6km s-min=16.9km az=134.0, Gulf of California

ISC 05 10:01:24.3.37.26N:31.88E,h2km,MD2.8 DDA 05 10:01:24.6.37.27N:31.86E,h7km,MD2.8

ISC 05 11:15:33.5.38.40N:37.67E,h2km,MD2.7 DDA 05 11:15:34.1.38.47N:37.65E,h7km,MD2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPJG La Paz, TXAR Lajitas Array, TXAR Mount Surprise, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, AKCD Akcadag, etc.

IDC 05 09:30:46.0.1.8.10.75S:163.20E,h0km,mb3.7/3, mb1 3.8/5,mb1mx3.6/34,mbtmp3.8/5,ML3.9/2,MS3.1/2, MS1 3.1/2,ms1mx2.7/24, Error ellipse: s-maj=46.2km s-min=29.1km az=148.0,Bougainville-Solomon Islands region

ISC 05 10:51:32.4.21.0.23.28S:179.55W,h574km,213km, mb3.2/5,mb1 3.3/5,mb1mx2.9/37,mbtmp4.2/5, Error ellipse: s-maj=148.9km s-min=10.1km az=92.0, South of Fiji Islands

ISC 05 11:15:35.1.1.0.38.43N:0.03:37.68E.0.02,h8km,8km, n20,r0574/34,Turkey

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, AKCD Akcadag, etc.

ISC 05 09:31:57.7.37.51N:38.44E,h7km,MD3.0 ISCJB 05 09:31:58.4.0.8.37.54N:0.05:38.44E.0.04,h6km,8km, Error ellipse: s-maj=8.8km s-min=4.1km az=151.6

ISC 05 11:08:14.5.0.4.67.63N:33.75E,h2km,ML1.9 Explosion CSEM 05 11:08:14.5.0.6.67.59N:33.45E,h2km,ML2.6, Error ellipse: s-maj=10.6km s-min=7.4km az=96.0,Mining explosion.

ISC 05 11:15:33.5.38.40N:37.67E,h2km,MD2.7 DDA 05 11:15:34.1.38.47N:37.65E,h7km,MD2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAB Bozova, ATAB Bozova, URFA Urfa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APZ9 Apatity, APZ9 Apatity, APZ9 Apatity, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 05 11:28:48.3.0.2.43.59S:172.14E,h8km,1km,ML3.6/16, 4C-1D, Error ellipse: s-maj=1.2km s-min=1.0km az=90.0, South Island

5d 12h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include Cannon Point, MLZ, KIWI, MTW, etc.

IDC 05 11:29:33.5-2.9, 29.53N-89.05E, h0km, mb3.2/2, mb1.3/4.4, mb1mx3.2/39, mbtmp3.3/4, ML3.6/2, MS3.3/1, Ms1.3/3.1, ms1mx2.4/22, Error ellipse: s-maj=87.8km s-min=29.0km az=77.0

ISC/JB 05 11:29:37.9-0.7, 29.66N-0.05-88.87E, h0km, h33km, mb3.1/2, MS3.3/1, Error ellipse: s-maj=9.0km s-min=5.8km az=141.3

DMN 05 11:29:40.0-0.4, 29.65N-88.95E, h0km, M4.7/10, Error ellipse: s-maj=8.6km s-min=7.3km az=25.0

ISC 05 11:29:38.4-1.1, 29.66N-0.08-88.98E, h0.05, h35km, n17, r=158/27, Xizang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include TAPN, ODAN, GUN, RAMN, KKN, PKI, PKIN, DMN, GKN, DANN, SHL, KOLN, CMAR, MKAR, SONM, JHJ, ASAR.

IDC 05 11:48:14.3-1.4, 13.35N-120.61E, h0km, mb3.2/4, mb1.3/4.4, mb1mx3.2/39, mbtmp3.2/4, Error ellipse: s-maj=60.6km s-min=22.2km az=61.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CMAR, WRA, SONM, ASAR.

DDA 05 11:57:03.8, 35.77N-36.36E, h6km, Md2.9, NSCC 05 11:57:03.7-1.2, 35.88N-36.38E, h18km, 5km, MD1.2, ML2.0

ISC/JB 05 11:57:05.0-0.5, 35.80N-0.02-36.34E, h7km, 6km, Error ellipse: s-maj=7.4km s-min=3.8km az=6.4

CSEM 05 11:57:04.6, 35.81N-36.37E, h1km, ML2.0, After NSCC

ISC 05 11:57:04.5-0.9, 35.82N-0.02-36.36E, h0.03, h13km, 6km, n27, r=87/54, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include BTCH, SLNF, YAYL, WRDH, ARNB.

2010 DEC

Table with columns: ARNB, Al Arnab, ARNB, Albida, BIDA, BIDA, BIDA, BIDA, BIDA, BIDA, BIDA, KUZU, KUZU, KUZU, HAWK, HAWK, HAWK, HAWK, HAWK, HAWK, SURC, SURC.

IDC 05 11:57:55.8-1.3, 3.335S-141.96E, h0km, mb3.5/4, mb1.3/8.5, mb1mx3.6/28, mbtmp3.6/5, ML3.6/1, MS2.7/2, Ms1.2/7.2, ms1mx2.3/21, Error ellipse: s-maj=32.9km s-min=22.6km az=92.0

ISC/JB 05 11:57:59.4-1.3, 3.45S-0.1-141.9E, h0.2, h33km, mb3.5/4, MS2.4/1, Error ellipse: s-maj=29.4km s-min=15.1km az=177.2

ISC 05 11:58:01.2-1.2, 3.33S-0.1-141.8E, h0.2, h35km, n10, r=0566/8, mb3.6/4, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include JAY, PMG, WRA, FITZ, ASAR, KAPI, MKAR, ILAR, LPAZ, DBIC.

IDC 05 12:23:45.1-17.0, 11.90S-166.83E, h274km, 168km, mb3.0/5, mb1.3/4.5, mb1mx3.1/23, mbtmp3.6/5, Error ellipse: s-maj=149.3km s-min=49.6km az=143.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include WRA, ASAR, ILAR, NVAR, YKA, ARCES.

IDC 05 12:45:07.2-2.9, 19.03S-173.93W, h0km, mb3.7/4, mb1.4/0.4, mb1mx3.6/37, mbtmp3.7/4, MS3.6/1, Ms1.3/6.1, ms1mx2.7/36, Error ellipse: s-maj=290.2km s-min=32.0km az=160.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CTA, ASAR, WRA, GUMO, TXAR.

BJJ 05 12:48:39.5, 21.54S-174.12E, h9km, mb4.9/16, mB5.3/14, Ms5.3/Me7.4/9

GCMT 05 12:48:39.3, 0.6, 22.31S-174.95E, h32km, 2km, MW4.9/62, Moment tensor solution, s32.c36; s62.c84; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.70±.24; Mw=3.11±.20; Mw2=4.0±.19; Mw1.13±.30; Mw1.00±.15; Mw0.75±.28; Best double couple: M=3.19300x10^16 NP1=144.00000°, 889.00000°, 156.00000°. NP2=274.20000°, 866.00000°, 1.00000°. Principal axes: T 2.724, P1g17.0000°, Azm323.0000°; P -3.6450, P1g16.0000°, Azm191.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 05 12:48:39.3, 4.2, 21.88S-174.71E, h15km, 27km, mb4.9/25, Error ellipse: s-maj=11.3km s-min=9.0km az=129.0

ISC/JB 05 12:48:40.5-0.2, 21.95S-0.05-174.60E, h0.06, h33km, mb4.6/30, MS3.8/10, Error ellipse: s-maj=8.8km s-min=6.2km az=39.6

IDC 05 12:48:44.8-4.8, 22.07S-174.49E, h67km, 45km, mb3.9/7, mb1.4/2.9, mb1mx3.8/34, mbtmp4.2/9, ML3.9/2, MS3.8/12, Ms1.3/12, ms1mx3.6/33, Error ellipse: s-maj=31.8km s-min=25.4km az=5.0

ISC 05 12:48:42.1-0.5, 21.36S-0.08-174.72E, h0.08, h35km, n104, r=159/102, mb4.8/30, MS3.9/10, ID, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include MSVF, DZM, DZM, RAO.

180

Table with columns: AFI, URZ, BKZ, THZ, KHZ, OXZ, EIDS, RPZ, ARMA, ODZ, RAR, WHZ, PMG, STKA, TBI, PPT, ASAR, ASAR, WRAB, WRA, WRA, H1N1, H1N2, H1N3, H1N4, FITZ, VVDA, GSPA, GSPA, JNU, NJ2, NJ2, PETJ, CN2, GYA, GYA, GYA, GYA, GYA, SYO, KMI, KMI, CMAR, PASC, ARVC, MWC, BFSC, OHCM, WDC, EDWZ, CMB, ISA, ISA, MONP, O03D, HHC, HHC, HHC, HHC, HHC, BBR, PFO, LRMC, SWSC, CWC, CD2, CD2, MTUM, MPMC, BELC, GSC, GSC, HEC, GLA, GRAC, NV01, NVAR, IRM, SHOC, TUQ, PDMC, LZH, LZH, LZH, LZH.

5d 13h

334A	Lometa	17.22 346	P	Pn	13 43 51.1 -0.1
431A	Sonora	17.29 339	P	Pn	13 43 52.5 +0.4
333A	Richard Sprin	17.40 344	P	P	13 43 54.3 -0.2
TXAR	Lajitas Array	17.41 329	P	Pn	13 43 54.1 +0.4
TXAR	comp=Z,104mm,18.4s,baz=0,slow=41		LR		13 51 47.4
529A	Stev Forest Ra	17.41 334	P	P	13 43 54.2 -0.5
236A	Katherine and	17.55 352	P	P	13 43 56.4 +0.3
430A	Baggett Ranch,	17.61 338	P	P	13 43 56.9 0.0
332A	Millersview	17.66 342	P	P	13 43 57.5 +0.1
WHTX	Lake Whitney	17.70 349	P	P	13 43 57.9 +0.2
429A	Davenport Ranch	17.72 336	P	P	13 43 58.3 +0.3
331A	San Angelo	17.80 340	P	P	13 43 59.4 +0.5
234A	Clairette	17.84 347	P	P	13 43 59.8 +0.4
136A	Ennis	18.02 352	P	P	13 44 01.6 +0.3
139A	Bunkhouse Ranch	18.03 358	P	P	13 44 01.7 +0.3
233A	Rising Star	18.03 345	P	P	13 44 01.9 +0.5
137A	Heron Place, G	18.05 354	P	P	13 44 02.0 +0.4
232A	Coleman	18.11 343	P	P	13 44 03.0 +0.7
330A	Mertzton	18.15 339	P	P	13 44 03.4 +0.6
231A	Bronte	18.35 341	P	Pn	13 44 05.8 +0.6
134A	White-Moore Ra	18.38 348	P	Pn	13 44 06.1 +0.6
LP1G	La Paz	18.42 303	LR	LR	13 49 50.3
329A	Wagon Wheel Ra	18.52 337	P	Pn	13 44 07.9 +0.6
230A	Sterling City	18.57 339	P	Pn	13 44 08.3 +0.5
133A	Hamilton Ranch	18.60 346	P	Pn	13 44 08.6 +0.4
Z37A	Pogue Cattle C	18.63 355	P	P	13 44 10.0 +1.6
Z36A	Blue Ridge	18.79 352	P	Pn	13 44 10.5 +0.1
ABTX	Abilene, Hawle	18.80 344	P	Pn	13 44 10.6 0.0
229A	Bryant Ranch,	18.88 338	P	Pn	13 44 12.2 +0.5
Z35A	Perchaven, S	18.97 350	P	Pn	13 44 12.4 -0.2
131A	Roby	19.06 342	P	Pn	13 44 13.5 -0.3
TIGA	Tifton	19.09 27	P	P	13 44 12.7 -0.3
Z34A	Collier Ranch,	19.12 349	P	Pn	13 44 14.3 -0.1
130A	Snyder	19.17 341	P	Pn	13 44 14.8 -0.2
Z33A	Whitaker Ranch	19.22 347	P	Pn	13 44 15.3 -0.3
Y39A	Lockesburg	19.28 359	P	P	13 44 15.7 +0.6
Y38A	Idabel	19.29 357	P	Pn	13 44 15.9 -0.5
228A	UT Block 9, Go	19.32 336	P	Pn	13 44 16.4 -0.5
Y36A	Durant	19.39 353	P	Pn	13 44 17.1 -0.5
Y37A	Hugo	19.40 355	P	Pn	13 44 17.2 -0.6
Z32A	Haskell	19.41 345	P	Pn	13 44 17.2 -0.6
Y35A	Marietta	19.50 351	P	P	13 44 18.1 +0.7
129A	Stewart Farms,	19.50 339	P	Pn	13 44 18.5 -0.6
Z31A	Sharp Cattle R	19.59 343	P	Pn	13 44 19.4 -0.7
Y34A	Reagan Ranch,	19.66 350	P	P	13 44 19.9 +0.6
128A	Castleberry Fa	19.72 337	P	Pn	13 44 20.9 -0.8
Z30A	Sanderson Ranch	19.86 341	P	P	13 44 22.2 +0.7
MIAR	Mount Ida	19.88 360	P	P	13 44 22.1 +0.5
Y33A	Hilltop Ranch,	19.88 347	P	Pn	13 44 23.3 -0.2
X35A	Drake	19.97 352	P	Pn	13 44 23.8 -0.8
X37A	Clayton	19.99 356	P	Pn	13 44 27.2 +2.4
X38A	Whitesboro	20.03 357	P	P	13 44 23.8 +0.5
Y32A	R-V Farms, Ver	20.06 346	P	P	13 44 24.4 +0.7
X36A	Centrahoma	20.06 353	P	P	13 44 23.7 +0.1
MNTX	Cornudas Mount	20.19 330	P	P	13 44 26.0 +0.9
Y31A	Rekieta Farm,	20.23 344	P	P	13 44 26.3 +0.7
X34A	Smith Ranch, M	20.30 350	P	Pn	13 44 31.5 +3.0
X33A	Lawton	20.37 348	P	P	13 44 27.8 +0.8
W38A	Poteau	20.42 358	P	Pn	13 44 32.5 +2.7
W36A	Wetumka	20.61 354	P	P	13 44 29.8 +0.2
W35A	Tecumseh	20.70 352	P	Pn	13 44 33.9 +0.8
X31A	McDonald Ranch	20.79 345	P	P	13 44 32.3 +0.7
X30A	Coker Ranch, T	20.86 343	P	P	13 44 33.0 +0.7
W34A	Bridge Creek,	20.91 350	P	P	13 44 33.8 +0.9
W33A	Caddo, Fort Co	20.96 349	P	P	13 44 34.1 +0.7
MSTX	Muleshoe	21.04 338	P	P	13 44 37.9 +3.6
W32A	Sentinel	21.09 347	P	P	13 44 35.2 +0.4
V38A	Canehill	21.20 358	P	P	13 44 38.7 +2.7
V37A	Hulbert	21.26 356	P	P	13 44 38.8 +2.3
V35A	Meyer Ranch, C	21.30 353	P	P	13 44 37.5 +0.5
W31A	Holland Ranch,	21.31 345	P	P	13 44 38.0 +0.8
TUL1	Tulsa	21.33 355	P	P	13 44 39.5 +2.1
V34A	Guthrie	21.46 351	P	P	13 44 41.4 +2.6
AMTX	Amarillo	21.50 341	P	P	13 44 39.9 +0.6
V33A	Lossen Ranch,	21.57 349	P	P	13 44 40.7 +0.7
V32A	Arapaho	21.62 348	P	P	13 44 41.1 +0.6
U37A	Salina	21.78 357	P	P	13 44 43.8 +1.7
U38A	Gravette	21.78 358	P	P	13 44 44.1 +1.9
U36A	Oologah	21.81 355	P	P	13 44 44.0 +1.6
V31A	Spring Creek L	21.85 346	P	P	13 44 43.8 +0.9
U35A	Pawnee	21.89 353	P	P	13 44 44.8 +1.6
U34A	Anderson Ranch	22.05 351	P	P	13 44 46.5 +1.4
121A	Cookes Peak, D	22.09 326	P	P	13 44 47.9 +2.2
U33A	Lingo Farm, Me	22.14 350	P	P	13 44 47.7 +1.6

2010 DEC

U32A	Winter Ranch,	22.25 348	P	P	13 44 47.5 +0.2
T35A	Sooner Cattle	22.40 354	P	P	13 44 48.6 -0.2
T37A	Cheyeville 18	22.48 357	P	P	13 44 50.4 +0.7
T36A	Boggs Farm, Ca	22.48 355	P	P	13 44 50.3 +0.6
T34A	McClaskey Farm	22.58 352	P	P	13 44 51.5 +0.8
TKL	Tuckaleechee C	22.74 21	LR	LR	13 55 51.3
U30A	WK&E Inc. Balc	22.76 345	P	P	13 44 53.6 +0.8
T33A	Patterson Ranc	22.80 350	P	P	13 44 54.0 +0.9
U29A	Oasis Ranch, S	22.85 344	P	P	13 44 54.6 +0.9
Y22A	MISS PASSCAL I	22.87 330	P	P	13 44 56.0 +2.0
T32A	Huddler Ranch,	23.01 349	P	P	13 44 55.0 -0.3
T31A	Randall Ranch,	23.08 347	P	P	13 44 56.0 0.0
S37A	Fort Scott	23.11 357	P	P	13 44 56.2 0.0
S36A	Lake Cedric, C	23.12 356	P	P	13 44 56.5 +0.2
S35A	Otter Creek Ra	23.14 354	P	P	13 44 56.8 +0.3
T30A	Plains	23.23 346	P	P	13 44 58.1 +0.6
S34A	Willow Spring	23.24 353	P	P	13 44 57.3 -0.2
ANMO	Albuquerque	23.38 332	P	P	13 44 59.6 +0.5
S32A	Newby Ranch, P	23.52 349	P	P	13 45 00.7 +0.5
T29A	Hugoton	23.52 344	P	P	13 45 01.0 +0.6
S31A	Mullville	23.54 348	P	P	13 45 01.1 +0.6
R36A	Gordon, Harris	23.71 356	P	P	13 45 02.0 -0.1
R34A	Isabella, Hill	23.85 353	P	P	13 45 03.8 +0.4
S29A	Ulysses	23.91 345	P	P	13 45 04.8 +0.8
R33A	Olander Ranch,	23.96 351	P	P	13 45 05.0 +0.6
S28A	Manter	24.09 344	P	P	13 45 06.0 +0.3
R32A	Long Quarter,	24.18 350	P	P	13 45 06.9 +0.4
R31A	Burdett	24.20 348	P	P	13 45 07.3 +0.6
Q37A	Longview Farm,	24.21 358	P	P	13 45 05.8 -0.9
Q35A	Meser Eighty,	24.28 355	P	P	13 45 07.3 -0.1
Q38A	Cooks Store, C	24.28 360	P	P	13 45 07.4 0.0
Q36A	Arnold C. Orve	24.34 356	P	P	13 45 06.8 -1.1
R30A	Dighton	24.35 347	P	P	13 45 08.5 +0.4
Q39A	Willow Grove F	24.37 1	P	P	13 45 08.2 0.0
Q34A	Chapman	24.43 354	P	P	13 45 08.3 -0.4
T25A	Trinidad	24.46 339	P	P	13 45 11.4 +2.1
Q33A	Connelly Farm,	24.61 352	P	P	13 45 10.2 -0.2
214A	Organ Pipe Nat	24.68 318	P	P	13 45 12.1 +0.9
R29A	Marshall	24.68 346	P	P	13 45 11.6 +0.5
Q32A	Meitler Ranch,	24.71 351	P	P	13 45 11.3 0.0
CBKS	Cedar Bluff	24.75 348	P	P	13 45 12.0 +0.3
R28A	Tribune	24.77 344	P	P	13 45 12.3 +0.3
P39A	Salisbury	24.82 1	P	P	13 45 11.9 -0.3
Q31A	Ellis	24.87 349	P	P	13 45 12.8 0.0
P37A	Lathrop	24.92 359	P	P	13 45 12.8 -0.3
P35A	Duane Minner,	24.95 355	P	P	13 45 13.1 -0.3
P38A	Dawn	24.95 0	P	P	13 45 13.2 -0.2
P36A	Good Intent, A	24.98 357	P	P	13 45 13.5 -0.3
P34A	Walnut Farm, R	25.04 354	P	P	13 45 14.6 +0.4
Q29A	Oakley	25.09 346	P	P	13 45 15.2 +0.4
W18A	Petrified Fore	25.11 327	P	P	13 45 15.5 +0.3
P32A	Hutting Farm,	25.34 351	P	P	13 45 17.2 +0.2
P31A	Stockton	25.37 349	P	P	13 45 17.6 +0.3
SDCO	Great Sand Dun	25.40 337	P	P	13 45 18.0 +0.2
O38A	Galt	25.44 0	P	P	13 45 17.8 -0.1
Q28A	Sharon Springs	25.46 345	P	P	13 45 18.7 +0.6
O36A	Bolow	25.48 357	P	P	13 45 17.6 -0.7
O37A	Wolven Farm, M	25.49 359	P	P	13 45 18.0 -0.3
P30A	Selden	25.55 348	P	P	13 45 19.4 +0.4
KSCO	Kaye Sheddok	25.62 343	P	P	13 45 20.8 +1.1
O33A	Hebron	25.64 353	P	P	13 45 20.0 +0.3
O34A	Beatrice	25.65 354	P	P	13 45 19.8 0.0
O35A	Humboldt	25.67 356	P	P	13 45 19.3 -0.7
P29A	Atwood	25.76 347	P	P	13 45 21.4 +0.5
S22A	4UR Ranch, Cre	25.91 335	P	P	13 45 23.2 +0.7
O32A	Brockman Farm,	25.91 352	P	P	13 45 22.4 +0.2
P28A	Saint Francis	25.92 345	P	P	13 45 23.6 +1.3
O31A	Woolen Ranch,	25.97 350	P	P	13 45 23.4 +0.7
N37A	Lee Farms, Mou	26.08 359	P	P	13 45 23.6 -0.1
N38A	Joess South For	26.11 1	P	P	13 45 24.0 +0.1
O30A	MW Ranch, Wils	26.13 349	P	P	13 45 24.5 +0.3
HDIL	Hopedale	26.14 7	P	P	13 45 24.1 -0.1
N36A	Muff Farm, Cla	26.16 358	P	P	13 45 24.2 -0.2
MVCO	Mesa Verde	26.18 332	P	P	13 45 26.3 +1.5
N39A	Derby Farms, D	26.21 2	P	P	13 45 24.6 -0.3
O29A	4D Ranch, Culb	26.23 347	P	P	13 45 25.6 +0.6
N35A	Tabor	26.25 356	P	P	13 45 25.1 -0.1
N33A	J Bar K, Exete	26.28 353	P	P	13 45 25.9 +0.4
N34A	Lincoln	26.29 355	P	P	13 45 25.0 -0.6
WUAZ	Wupatki	26.29 326	P	P	13 45 27.2 +1.4
Q24A	Divide	26.36 339	P	P	13 45 27.8 +1.2
O28A	Krutsinger Ran	26.45 346	P	P	13 45 20.7 +3.6
GLA	Glamis	26.69 317	P	P	13 45 30.4 +1.1
M37A	Fruite Farm,	26.73 359	P	P	13 45 29.5 0.0

N30A	Hueffle Ranch,	26
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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like VES, F35A, F33A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NOA, ARCES, DBIC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CEYT, KZOT, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RTLL, CFAA, Coronel Fontan, etc.

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

IDC 05 16:51:00.3;7.2;288S;179.66W, h593km, 99km, mb2.9/5, mb1 3.2/6, mb1mx2.9/36, mbtmp3.9/6, Error ellipse: s-maj=80.3km s-min=31.8km az=2.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ, STKA, ASAR, WRA, NVAR, CMAR, FINES, AKASG, BRTR, etc.

IDC 05 17:13:35.1;4.7;16.04S;176.14W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.7/36, mbtmp4.1/4, Error ellipse: s-maj=150.5km s-min=93.6km az=157.0, Fiji Islands

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

IDC 05 17:19:03.0;0.9;65.79N;102.29E, h0km, mb2.0/0.2, h25km, 5km, mb2.0/0.2, h180N/159, Finland-Karelia border region

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

DDA 05 16:51:37.5;39.78N;39.19E, h7km, MD2.7

ISCJB 05 16:51:38.2;0.6;39.80N;0.03;39.16E;0.04, h2km, 7km, Error ellipse: s-maj=5.5km s-min=4.4km az=10.5

CSEM 05 16:51:38.6;0.2;39.81N;39.16E, h2km, MD2.7, Error ellipse: s-maj=7.6km s-min=3.4km az=103.0

ISK 05 16:51:39.6;39.77N;39.34E, h13km, MD2.7

ISC 05 16:51:38.2;0.2;39.79N;0.03;39.13E;0.03, h8km, 13km, n17, c0574/30, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KELT, ERZN, ILIC, SUSE, PERTK, PTK, BAYT, CUZAR, MACK, TRABZON, ELZG, CUKAN, MALT, MALTY, etc.

ISC 05 17:19:03.0;0.9;65.79N;102.29E, h0km, mb2.0/0.2, h25km, 5km, mb2.0/0.2, h180N/159, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSF, KUT, KASMA, KURVINEN, RIEKKI, TAIVALKOSKI, LIIKASENVAARA, etc.

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

AUST 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

ISCJB 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

NEIC 05 17:20:45.6;1.2;2.43N;127.09E, h53km, 11km, mb4.4/9, Error ellipse: s-maj=12.8km s-min=6.9km az=72.0

DJA 05 17:20:48.3;0.5;2.2N;127.7E, h48km, 54km, M3.9/3, mb4.1/2, MLV3.8/3

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HAMF, TRO, HFS, SPA0, etc.

ISCJB 05 16:51:50.8;1.2;38.83N;0.03;26.30E;0.05, h11km, 16km, n16, c0544/24, Aegean Sea

ISC 05 16:51:50.8;1.2;38.83N;0.03;26.30E;0.05, h11km, 16km, n16, c0544/24, Aegean Sea

ISC 05 16:51:51.1;1.0;38.84N;0.03;26.29E, h2km, MD2.7, Error ellipse: s-maj=5.7km s-min=3.5km az=70.0

ISC 05 16:51:51.1;1.0;38.84N;0.03;26.29E, h2km, MD2.7, Error ellipse: s-maj=5.7km s-min=3.5km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SIGR, URLA, DKL, AYVALIK, IZMIR, DGB, EZN, AYDB, etc.

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

AUST 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

ISCJB 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

NEIC 05 17:20:45.6;1.2;2.43N;127.09E, h53km, 11km, mb4.4/9, Error ellipse: s-maj=12.8km s-min=6.9km az=72.0

DJA 05 17:20:48.3;0.5;2.2N;127.7E, h48km, 54km, M3.9/3, mb4.1/2, MLV3.8/3

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VRF, SGF, SGA, SPA0, etc.

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

AUST 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

ISCJB 05 17:20:44.0;3.0;2.57N;126.72E, h0km, Error ellipse: s-maj=2.7km s-min=1.1km az=279.0

NEIC 05 17:20:45.6;1.2;2.43N;127.09E, h53km, 11km, mb4.4/9, Error ellipse: s-maj=12.8km s-min=6.9km az=72.0

DJA 05 17:20:48.3;0.5;2.2N;127.7E, h48km, 54km, M3.9/3, mb4.1/2, MLV3.8/3

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TERNATE, SANGIHE, LABUHA, GORONTALO, SANANA, SORONG, SUI, etc.

SJA 05 17:03:11.6;1.0;27.88S;69.07W, h129km, 14km, ML3.7, MW3.2, 2D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AGUA, ACLA, CYA, AMOG, AVFE, etc.

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

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

ISC 05 17:20:46.0;0.4;2.51N;127.07E, h0km, mb3.3/2, mb1 4.3/23, mb1mx4.1/46, mbtmp4.3/23, ML3.1/1, MS3.1/5, Ms1 3.1/5, ms1mx2.7/26, Error ellipse: s-maj=23.4km s-min=11.2km az=75.0

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

5d 19h

Table with columns: KKK, DMN, GKN, DANN, KOLN, KDAD, KDAK, KDAD, MTN, TKM2, KSH, AAK, MDM, BVAR, ILAR, ILAR, ILAR, KWAR, FITZ, WRAB, WRA, WRA, INK, INK, ARU, ASAR, ASAR, PALK, GEYT, RES, RES, KLMR, ARCES, ARCES, YKA, YKA, DAG, DAG, STKA, STKA, VRH, VRH, LPSR, LPSR, FINES, FINEF, KBZ, KBZ, KIV, KIV. Each row contains station name, frequency, power, and other technical details.

2010 DEC

Table with columns: IPIR, SUMG, SUMG, IVIS, IDHR, AKASA, KIEV, KIEV, NOB2, NOB2, NOA, NOA, NOA, NOA, NVAR, BRTR, BRTR, KOLS, KOLS, KOLS, STHS, STHS, STHS, LANS, LANS, DPC, DPC, ULM, ULM, VYHS, VYHS, VYHS, CLL, CLL, CLL, KHC, KHC, GERES, GERES, BFO, ANMO, TXAR, H06N, H06S1, TORD, DBIC, DBIC, LPAZ, LPAZ, LPAZ, SKHL, JMA, ISC, Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Contains station data for various regions and specific technical parameters.

190

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Contains station data for Northern Algeria, Quesada, and East coast of South Island regions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MONP Monument Peak, RDX Rancho Dawling, BAR Barrett, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBSI Waikabuka, BASI Baing, TWSI Taliwang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TROA Torquist, LVC Limon Verde, LVC Limon Verde, etc.

ISC 05 20:24:29.2.5.9.5.22S.133.61E, h0km, mb3.9/1, mb1.3/3, mb1mx3.2/18, mbtmp3.2/3, ML3.0/2, Error ellipse: s-maj=336.2km s-min=33.4km az=77.0, Aru Islands region

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

MEX 05 20:42:20.0.4.15.55N.95.71W, h3km, g6km, MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HUIG Huatulco, PCIG Pinotepe, etc.

ISC 05 20:51:33.6.38.56N.39.50E, h13km, MD2.9, DDA 05 20:51:33.7.38.56N.39.54E, h7km, MG3.3, CSEM 05 20:51:33.7.0.2.38.52N.39.52E, h10km, MD2.9, Error ellipse: s-maj=3.8km s-min=3.5km az=31.0, ISC 05 20:51:34.1.0.9.38.56N.0.02.39.50E.0.02.0.02, h14km, 7km, n33, e073/49, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, etc.

ISC 05 19:38:07.4.28.0.25.38S.174.91W, h0km, mb3.9/4, mb1.0/4.0, mb1mx3.8/29, mbtmp3.9/4, Error ellipse: s-maj=514.3km s-min=147.0km az=81.0, South of Tonga Islands

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

ISC 05 20:42:40.0.1.6.33.28S.0.04.72.10W, h0.06, h20km, g8km, mb3.9/6, MS3.5/3, Error ellipse: s-maj=9.3km s-min=6.1km az=30.1, NEIC 05 20:42:41.0.33.27S.72.05W, h41km, mb4.1/2, After GUR. NEIC Felt (I) at Valparaiso and (II) at El Tabo and Vina del Mar. ISC 05 20:42:41.3.0.4.33.27S.72.05W, h41km, 2km, ML4.1, GUC 05 20:42:40.0.1.6.33.28S.0.04.72.04W.0.05, h18km, g8km, n49, e149/49, mb4.1/6, MS3.5/3, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LNV Longovilo, ROCI El Roble, etc.

ISC 05 21:15:00.8.2.0.53.15N.167.85W, h0km, mb3.6/6, mb1.3/9.8, mb1mx3.6/40, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=37.9km s-min=30.4km az=9.0, ISCJB 05 21:15:12.7.0.5.53.50N.1.1.167.7W.0.2.1, h105km, 3km, mb3.6/8, Error ellipse: s-maj=27.8km s-min=5.7km az=149.4, NEIC 05 21:15:14.1.53.13N.167.22W, h70km, MG3.5(AEIC), After AEIC, ISC 05 21:15:13.5.0.8.53.4N.0.2.167.6W.0.1, h98km, g6km, n27, e071/37, mb3.5/6, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OKFG Magazine Ridge, OKFG Magazine Ridge, etc.

ISC 05 19:43:20.8.2.9.6.35S.146.84E, h0km, mb3.3/2, mb1.3/5.4, mb1mx3.3/28, mbtmp3.3/4, ML3.2/1, MS3.9/1, Ms1.9.9/1, ms1mx2.7/14, Error ellipse: s-maj=55.3km s-min=21.6km az=75.0, Eastern New Guinea region

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

comp=E, 4um, 0.6s, AUSA Uspallata, 2.48 66 eP, 20 43 23.4 -0.7, AUSA Cerro ARCO, 2.65 81 eP, 20 43 25.7 +1.3, AAGR Agrelo, 2.70 87 eP, 20 43 28.3 +0.3, RTLS Leoncito, 2.75 58 eP, 20 43 26.8 -2.0, RTLS Salagasta, 2.79 77 eP, 20 43 28.2 -1.1, RTLS Cerro Valdivia, 3.28 65 eP, 20 43 34.3 +3.7, RTLL Cerro Villucun, 3.59 58 eP, 20 43 38.1 +3.1, RTLL Coronel Fonn, 3.63 64 eP, 20 43 35.4 -0.7, CFAA comp=E, 1.2nm, 0.3s, baz=222, slow=14, SNR=4=4, CFAA comp=E, 1.8nm, 0.3s, baz=347, slow=18, SNR=4=1, CFAA comp=E, 4.4nm, 20.5s, baz=271, slow=45, CFAA AOGNA, 3.81 53 eP, 20 43 38.4 +3.0, ACAN Cantantall, 4.21 78 eP, 20 43 46.1 +2.7, ACAN Las Campanas, 4.41 15 eP, 20 43 46.9 +0.6, LCO Las Campanas, 4.41 15 eP, 20 43 44.5 -1.8, AVFE Valle Fertil, 4.69 57 eP, 20 43 53.1 +3.0, AVFE comp=Z, 1.63nm, 0.5s, AGUA GUANDACOL, 4.85 40 eP, 20 43 55.4 +3.1, ACHE CHERO, 5.02 67 eP, 20 43 59.1 +4.4, ACLE CERRO LA CRUZ, 5.81 50 eP, 20 44 06.8 +1.4, CYA Choya, 7.21 50 eP, 20 44 20.4 -0.7, PLCA Paso Flores, 7.53 171 P, 20 44 30.8 +1.8, PLCA comp=Z, 0.9nm, 0.3s, baz=356, slow=12, SNR=26, PLCA comp=Z, 0.1nm, 0.3s, baz=132, slow=22, SNR=3.6, PLCA comp=Z, 1.1nm, 0.3s, baz=132, slow=22, SNR=3.6, PLCA

5d 21h

Table with station names and coordinates: NEW Newport, PDAR Pinedale Array, TXAR Lajitas Array, MKAR Makanchi Array.

ATH 05 21:22:46.9, 40°28'N, 20°07'E, h5km, 3km, MD3.5/25
IDC 05 21:22:48.3, 1.6, 40°24'N, 20°28'E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3.2/32, mbtmp3.3/5, ML3.4/1, Error ellipse: s-maj=34.4km s-min=24.3km az=88.0

TIR 05 21:22:49.0, 40°16'N, 20°34'E, h34km, ML3.5
THE 05 21:22:49.8, 40°22'N, 20°13'E, h0km, 3km, ML3.2/5, Error ellipse: s-maj=3.8km s-min=1.2km az=296.0

CSEM 05 21:22:50.5, 0.2, 40°16'N, 20°17'E, h2km, ML3.2, Error ellipse: s-maj=4.4km s-min=3.2km az=79.0
ISC 05 21:22:49.3, 1.1, 40°18'N, 02°20'18E, 0.02, h5km, 0km, n152, r139/188, mb3.4/4, 2C-9D, Greece-Albania border region

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

Continuation of station list table with various station codes and names like KZAN, KZNI, KZNR, etc.

2010 DEC

Main station list table for 2010 DEC with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

WEL 05 21:31:19.6, 0.2, 43°47'S x 172°72'E, h10km, 1km, ML3.7/19, 2C-1D, Error ellipse: s-maj=1.9km s-min=1.1km az=90.0, South Island

Main station list table for South Island with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

IDC 05 21:37:08.5, 1.6, 2°02'N, 127°69'E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/34, mbtmp3.5/4, Error ellipse: s-maj=150.2km s-min=21.1km az=69.0

ISC/CBJ 05 21:37:22.0, 0.9, 1°89'N, 0°06'126.75E, 0.06, h100km, mb3.4/4, Error ellipse: s-maj=9.4km s-min=8.1km az=21.9
DJA 05 21:37:29.0, 0.6, 1°N, 5°12'7E, h55km, 8km, M3.7/10, mb3.6/5, mb4.7/1, MLV3.8/10, Mw(mB)4.0/1

Main station list table for New Zealand with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

192

Table with station names and coordinates: SWI Sorong, MSAI Masochi, WPAI Ampama, ARSI Warramunga Arr, ASAR Alice Springs, SOMN Songino Array, MKAR Makanchi Array.

WEL 05 21:42:27.8, 0.0, 41°18'S x 174°64'E, h33km, ML3.7/33, 10C-5D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, Cook Strait

Main station list table for Cook Strait region with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

MOS 05 21:44:33.4, 1.7, 36°27'S x 101°10'W, h10km, mb5.6/48, MS5.4/13, Error ellipse: s-maj=16.0km s-min=6.8km az=93.6

IDC 05 21:44:33.0, 2.5, 36°00'S x 100°77'W, h0km, mb4.9/20, mb1 5.0/21, mb1mx4.9/32, mbtmp4.9/21, ML4.6/1, MS5.3/19, Ms1 5.2/19, ms1mx5.1/23, Error ellipse: s-maj=14.8km s-min=13.6km az=57.0

BUI 05 21:44:34.5, 36°30'S, 101°20'W, h5km, mb5.5/32, Ms5.6/32, Ms7.5/39

IS/CBJ 05 21:44:34.0, 2.0, 36°44'S, 101°10'W, h10km, mb5.2/71, MS5.3/48, Error ellipse: s-maj=8.6km s-min=5.7km az=168.1

NEIC 05 21:44:34.0, 0.0, 36°34'S, 101°15'W, h15km, Moment Tensor Solution, s20 Moment tensor: Scale 10^17Nm; Mn=0.42; Mw=1.46; Mo=1.88; Ms=1.89; Ms9=9.17; Mw=1.24; Best double couple: Ms8.600000 x 10^17, NP1: s, 96.000000; 881.000000; -1.69.000000; NP2: s, 4.000000; 3.79.000000; -1.8.000000; Principal axes: T: 9.540000, Plg2.000000, Azm230.000000; N: 0.120000, Plg76.000000, Azm134.000000; P: -9.660000, Plg14.000000, Azm320.000000;

GCMT 05 21:44:35.9, 0.1, 36°22'S, 101°08'W, h10km, Mw5.9/137, Moment Tensor Solution, s133,c290; s137,c460; Duration: 2s2 Moment tensor: Scale 10^17Nm; Mn=0.98±0.06; Mw=0.90±0.06; Mo=1.87±0.07; Ms=0.86±0.14; Mw=0.94±0.06; Ms=0.43±0.15; Best double couple: Ms9.782000 x 10^17, NP1: s, 94.000000; 889.000000; 2.175.000000; NP2: s, 184.000000; 885.000000; 1.1.000000; Principal axes: T: 10.297000, Ms5.000000; Azm=9.000000; N: -1.039000, Plg85.000000; Azm259.000000; P: -9.268000, Plg3.000000; Azm139.000000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface/mantle waves, cutoff=50s.

Main station list table for Cook Strait region with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC.

Code	Station Name	°	AZ	Phase	ID	Time	Res	ISC
RPN	n728.0260/690,mb5.4/70,MS5.4/49,19C-11D,Southeast of Easter Island			Op	ISC	h	m	s
RPN	Rapa Nui	11.56	320	P	Pn	21 47	20.1	0.0
RPN	comp=Z,3.7um,20.8s,baz=85,slow=31			LR	LR	21 50	25.4	
RPN	Rapa Nui	11.56	320	P	Pn	21 47	20.1	0.0
RPN	comp=Z,4.0nm,0.3s			pmax	pmax			
RPN	comp=Z,3.7um,20.8s			MLR	MLR			
RPN	Rapa Nui	11.56	320	Pn	Pn	21 47	21.0	+0.9
RPN	comp=Z,5um,2.2s,SNR=11			Pn	Pn	21 47	20.1	0.0
RPN	Rapa Nui	11.56	320	ePn	Pn	21 47	20.1	0.0
PLCA	Paso Flores	24.19	110	P	P	21 49	50.2	-1.5
PLCA	comp=Z,2.2nm,0.9s,baz=288,slow=8.4,SNR=20			LR	LR	21 55	50.9	
PLCA	Paso Flores	24.19	110	eP	P	21 49	52.3	+0.6
PLCA	comp=Z,2um,19.5s,baz=296,slow=28			LR	LR			
PLCA	Paso Flores	24.19	110	eP	P	21 49	50.2	-1.5
PLCA	Las Campanas	26.48	83	eP	P	21 50	10.9	-1.8
PLCA	comp=Z,5.4nm,1.1s			LR	LR			
LOO	comp=Z,4um,20.1s			LR	LR			
PTCN	Pitcairn Islan	27.29	286	eP	P	21 50	17.6	-2.1
PTCN	comp=Z,6um,19.0s			LR	LR			
CFAA	Coronel Fontan	27.52	90	P	P	21 50	18.4	-3.5
CFAA	comp=Z,0.8nm,0.2s,baz=265,slow=9.5,SNR=10			LR	LR	21 57	29.8	
CFAA	Coronel Fontan	27.52	90	eP	P	21 50	18.4	-3.5
LVC	Limon Verde	30.96	73	P	P	21 50	49.6	-3.1
LVC	comp=Z,1.06nm,1.1s,baz=236,slow=8.5,SNR=9.2			LR	LR	22 00	16.4	
LVC	Limon Verde	30.96	73	eP	P	21 51	00.0	+7.3
LVC	comp=Z,2.6um,18.0s,baz=244,slow=31			LR	LR			
LVC	Limon Verde	30.96	73	PFAKE	P	21 51	00.0	+7.3
TRQA	comp=Z,7um,19.0s			LR	LR			
TRQA	Tornquist	31.01	105	eP	P	21 50	51.7	-1.0
TRQA	comp=Z,3.6nm,1.0s			LR	LR			
RKT	Rikitea	32.10	285	eP	P	21 51	01.4	-1.0
RKT	comp=Z,2.21nm,1.4s			eS	S	21 56	10.2	-4.6
RKT	Rikitea	32.10	285	eP	P	21 51	01.4	-1.0
RKT	comp=Z,984nm,26.7s			eLQ	LQ	21 57	58.6	
RKT	Rikitea	32.10	285	eT	T	22 24	12.7	
EFI	East Falkland	33.97	131	eP	P	21 51	19.3	+0.9
EFI	comp=Z,4.6nm,1.0s			pmax	pmax			
EFI	East Falkland	33.97	131	eP	P	21 51	18.2	-0.2
EFI	comp=Z,7.9nm,1.1s			LR	LR			
LPAZ	La Paz	35.35	64	P	P	21 51	28.6	-2.8
LPAZ	comp=Z,5.7nm,1.1s,baz=234,slow=5.6,SNR=21			LR	LR	22 03	05.3	
LPAZ	La Paz	35.35	64	eP	P	21 51	27.9	-3.5
LPAZ	comp=Z,2um,19.8s,baz=222,slow=32			LR	LR			
LPAZ	La Paz	35.35	64	eP	P	21 51	27.9	-3.5
LPAZ	comp=Z,6.1nm,1.0s			pmax	pmax			
LPAZ	La Paz	35.35	64	eP	P	21 51	27.9	-3.5
CPUP	Villa Florida	38.36	88	P	P	21 51	51.8	-4.5
CPUP	comp=Z,3.3nm,0.9s,baz=237,slow=11,SNR=8.0			PcP	PcP	21 54	11.4	+1.5
CPUP	Villa Florida	38.36	88	eP	P	21 51	51.8	-4.5
CPUP	comp=Z,7.7nm,0.9s,baz=265,slow=9,SNR=4.6			ePcP	ePcP	21 54	11.4	+1.5
CPUP	Villa Florida	38.36	88	eP	P	21 51	51.8	-4.5
CPUP	comp=Z,1.2nm,0.3s			ePcP	ePcP	21 52	14.3	-2.5
SIV	San Ignacio	40.81	71	P	P	21 52	14.3	-2.5
SIV	comp=Z,2.9nm,0.6s,baz=240,slow=5,SNR=18			eS	S	21 59	04.9	-3.2
TBI	Tubuai	43.54	273	eS	S	22 02	41.1	
TBI	comp=Z,3um,27.8s			eLQ	LQ	22 04	31.9	
TBI	Tubuai	43.54	273	eT	T	22 38	35.9	
TBI	comp=Z,8um,38.8s			eLR	LR			
TBI	Tubuai	43.54	273	eT	T	22 38	35.9	
SAML	Samui	43.84	61	eP	P	21 52	37.0	-4.5
SAML	comp=Z,52nm,1.0s			LR	LR			
SAML	Samui	43.84	61	eP	P	21 52	37.0	-4.5
SAML	comp=Z,3um,22.0s			LR	LR			
MEH	Mehetia	45.24	281	eP	P	21 52	51.8	-0.9
MEH	comp=Z,4.4nm,1.1s			eLR	LR	22 05	59.4	
MEH	Mehetia	45.24	281	eT	T	22 42	04.8	
TVO	Taravao	46.23	280	eT	T	22 42	04.8	
TVO	comp=Z,1.1nm,0.3s			T	T	22 42	04.8	
VAH	Vaihoa	46.39	284	eT	T	22 42	04.8	
VAH	comp=Z,7.5nm,0.3s			T	T	22 42	04.8	
TIAR	Tiarei	46.43	280	eT	T	22 42	04.8	
TIAR	comp=Z,2.2nm,0.2s			P	P	21 53	02.6	-0.5
PAE	Paea	46.56	280	eT	T	22 42	18.4	
PAE	comp=Z,1.7nm,1.0s			eT	T	22 42	18.4	
PAE	Paea	46.56	280	eT	T	22 42	18.4	
PAE	comp=Z,2.2nm,0.3s			eT	T	22 42	18.4	
PPT2	Papeete2	46.60	280	eP	P	21 53	02.7	-0.8
PPT2	comp=Z,1.38nm,1.4s			eS	S	21 59	47.6	-5.0
PPT2	Papeete2	46.60	280	eP	P	21 53	02.7	-0.8
PPT2	comp=Z,5um,26.0s			eLQ	LQ	22 03	27.7	
PPT2	Papeete2	46.60	280	eT	T	22 42	20.8	
PPT2	comp=Z,5um,26.2s			eLR	LR	22 05	59.4	
PPT2	Papeete2	46.60	280	eT	T	22 42	20.8	
PPT2	comp=Z,5um,24.8s,baz=111			eT	T	22 42	20.8	
PPT2	Papeete2	46.60	280	eT	T	22 42	20.8	
PPT2	comp=Z,4.7nm,0.2s			P	P	21 53	02.8	-0.7
PPT2	Papeete2	46.60	280	P	P	21 53	02.8	-0.7
PPT2	comp=Z,4.1nm,0.9s,baz=201,slow=1.9,SNR=3.8			LR	LR	22 06	16.5	
PPT2	Papeete2	46.60	280	P	P	21 53	02.8	-0.7
PPT2	comp=Z,2um,21.3s,baz=120,slow=28			P	P	21 53	02.8	-0.7
PPT2	Papeete2	46.60	280	eP	P	21 53	07.0	+0.4
HOPE	Hope Point	47.07	134	eP	P	21 53	07.0	+0.4
HOPE	comp=Z,2.25nm,0.9s			LR	LR			
JTS	JuntasAbangare	48.76	21	P	P	21 53	18.9	-1.2
JTS	comp=Z,15nm,1.0s,baz=348,slow=2.2,SNR=5.6			P	P	21 53	18.9	-1.2
JTS	JuntasAbangare	48.76	21	eP	P	21 53	18.9	-1.2
JTS	comp=Z,6.9nm,1.1s			pmax	pmax			
JTS	JuntasAbangare	48.76	21	eP	P	21 53	18.9	-1.2
JTS	comp=Z,7um,18.0s			LR	LR			
BDFB	Brasilia	51.24	81	P	P	21 53	35.0	-4.2
BDFB	comp=Z,2.1nm,0.7s,baz=245,slow=8.1,SNR=19			LR	LR	22 13	22.4	
BDFB	Brasilia	51.24	81	eP	P	21 53	35.2	-4.0
BDFB	comp=Z,3um,18.5s,baz=231,slow=34			pmax	pmax			
BDFB	Brasilia	51.24	81	eP	P	21 53	35.2	-4.0
BDFB	comp=Z,4.3nm,0.8s			LR	LR			
BDFB	Brasilia	51.24	81	eP	P	21 53	35.2	-4.0
BDFB	comp=Z,5um,20.0s			LR	LR			
TGUH	Tequicalpa,Un	51.75	17	eP	P	21 53	42.5	-0.3
TGUH	comp=Z,3um,19.0s			LR	LR			
PTGA	Pitinga	51.95	57	P	P	21 53	38.7	-5.6
PTGA	comp=Z,3.3nm,0.5s,baz=170,slow=7.6,SNR=12			LR	LR	21 53	37.5	-6.9
PTGA	Pitinga	51.95	57	eP	P	21 53	37.5	-6.9
PTGA	comp=Z,4um,19.0s			LR	LR			
CMIG	Matias Romero	53.43	7	LR	LR	21 50	43.1	
CMIG	comp=Z,4um,21.2s,baz=170,slow=30			LR	LR			
QSPA	South Pole Qui	53.90	180	P	P	21 53	58.9	+0.6
QSPA	comp=Z,2.1nm,0.9s,baz=116,slow=4.2,SNR=22			LR	LR	21 54	10.0	+1.2
QSPA	South Pole Qui	53.90	180	PFAKE	P	21 54	10.0	+1.2
QSPA	comp=Z,4um,20.0s			LR	LR			
H06S1	SOCORRO T	55.54	349	T	T	22 53	52.4	
H06S1	SNR=52			T	T	22 53	57.7	
H06E1	SOCORRO T-PHASE	55.58	349	T	T	22 53	57.7	
H06E1	SNR=87			T	T	21 54	19.2	+3.3
VNDA	Vanda	56.38	195	P	P	21 54	19.2	+3.3
VNDA	comp=Z,5.0nm,1.1s,baz=114,slow=4.5,SNR=4.1			LR	LR	22 14	10.6	

VNDA	Vanda	56.38	195	eP	P	21 54	17.5	+1.6
VNDA	comp=Z,3um,18.2s,baz=98,slow=31			P	P	21 54	17.5	+1.6
VNDA	Vanda	56.38	195	eP	P	21 54	17.5	+1.6
VNDA	comp=Z,6.1nm,0.9s,baz=242,slow=4.7,SNR=8.5			P	P	21 54	18.7	+1.7
VNDA	Vanda	56.38	195	eP	P	21 54	17.5	+1.6
VNDA	Neumayer Olymp	56.52	157	P	P	21 54	20.0	-1.2
VNDA	Neumayer-Stat	57.12	157	P	P	21 54	24.5	+1.9
VNDA	Neumayer-Watz	57.32	157	P	P			
VNDA	comp=Z,2um,19.5s,baz=296,slow=28			P	P	21 54	27.5	-3.4
VNDA	Sanae	58.48	158	P	P	21 54	32.0	+1.2
VNDA	Sanae	58.48	158	P	P	21 54	29.7	-1.1
VNDA	comp=Z,6.1nm,0.9s,baz=242,slow=4.7,SNR=8.5			pmax	pmax			
VNDA	Sanae	58.48	158	eP	P	21 54	30.5	-0.3
VNDA	Sanae	58.48	158	eP	P	21 54	30.5	-0.3
VNDA	comp=Z,11nm,1.0s			LR	LR			
VNDA	Sanae	58.48	158	eP	P	21 54	42.8	-0.9
VNDA	comp=Z,2um,21.0s			LR	LR	21 54	48.4	+1.2

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical parameters. Includes stations like Obninsk, Batrach Moscow, RABH Arabou Rabah, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical parameters. Includes stations like CD2, SOEI, BATTI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical parameters. Includes stations like SOEI, BATTI, GUMU, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like KSH Kashi, KSH 370nm.5.3s, KSH 210nm.4.6s, etc.

DDA 05 22:24:25.9, 39.60N, 26.87E, h7km, MD2.8
ISCJB 05 22:24:26.0, 0.4, 39.61N, 0.03, 26.87E, 0.04, h9km, 6km,
Error ellipse: s-maj=5.2km s-min=4.7km az=14.9

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like AYVA Ayvalik, EZN Ezine, DKL Dikili, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like MAN 05 22:36:19, 13.38N, 120.55E, h35km, mb4.0, ML2.7, MS2.4, 1D, Mindoro

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like IDC 05 22:42:25.2, 2.0, 37.71N, 74.03W, h0km, mb3.4/3, mb1 3.5/5, mb1mx3.4/2.1, mbtmp3.2/5, ML2.9/2.0, Error ellipse: s-maj=43.9km s-min=31.5km az=75.0, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like NEIC 05 23:03:08.7, 17.80N, 101.43W, h27km, MD4.3(MEX), After MEX, MEX 05 23:03:08.7, 0.5, 17.80N, 101.43W, h27km, 6km, MD4.3, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like TLIG Tlapa, TLIG 2.74 94, TLIG 1R15V, etc.

JMA 05 23:10:16.6, 0.5, 36.30N, 144.32E, h51km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ONAJ Iwakimizuishiy, ONAJ JFJ, ONAJ Hitachi, etc.

PGC 05 23:15:01.2, 0.6, 59.53N, 138.68W, h1km, ML2.0, 6.53km, Ene of Yakutat, Al, Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like PNL Peninsula, PNL PNL, PCA Pinnacle, etc.

IDC 05 23:20:11.5, 0.5, 35.44N, 28.50E, h0km, mb4.4/2.8, mb1 4.5/3.8, mb1mx3.4/1.4, mbtmp4.4/3.8, ML4.2/9, MS4.0/1.3, Ms1 4.0/1.3, ms1mx3.8/3.6, Error ellipse: s-maj=11.5km s-min=10.2km az=168.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

NEIC 05 23:20:16.0, 0.2, 35.29N, 28.57E, mb4.8/4.5, Error ellipse: s-maj=4.6km s-min=2.9km az=189.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like CSEM 05 23:20:17.0, 0.1, 35.31N, 28.63E, h44km, 1km, mb4.5/3.3, Error ellipse: s-maj=2.8km s-min=1.8km az=20.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like NIC 05 23:20:20.0, 35.57N, 28.93E, h32km, mb4.8, ML4.6, Error ellipse: s-maj=3.1km s-min=1.0km az=198.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

NEIC 05 23:03:08.7, 17.80N, 101.43W, h27km, MD4.3(MEX), After MEX, MEX 05 23:03:08.7, 0.5, 17.80N, 101.43W, h27km, 6km, MD4.3, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like LAST Lasithi, GCAM G?zelcam?, GCAM G?zelcam?, etc.

PGC 05 23:15:01.2, 0.6, 59.53N, 138.68W, h1km, ML2.0, 6.53km, Ene of Yakutat, Al, Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like PNL Peninsula, PNL PNL, PCA Pinnacle, etc.

IDC 05 23:20:11.5, 0.5, 35.44N, 28.50E, h0km, mb4.4/2.8, mb1 4.5/3.8, mb1mx3.4/1.4, mbtmp4.4/3.8, ML4.2/9, MS4.0/1.3, Ms1 4.0/1.3, ms1mx3.8/3.6, Error ellipse: s-maj=11.5km s-min=10.2km az=168.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

NEIC 05 23:20:16.0, 0.2, 35.29N, 28.57E, mb4.8/4.5, Error ellipse: s-maj=4.6km s-min=2.9km az=189.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like CSEM 05 23:20:17.0, 0.1, 35.31N, 28.63E, h44km, 1km, mb4.5/3.3, Error ellipse: s-maj=2.8km s-min=1.8km az=20.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like NIC 05 23:20:20.0, 35.57N, 28.93E, h32km, mb4.8, ML4.6, Error ellipse: s-maj=3.1km s-min=1.0km az=198.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

NEIC 05 23:03:08.7, 17.80N, 101.43W, h27km, MD4.3(MEX), After MEX, MEX 05 23:03:08.7, 0.5, 17.80N, 101.43W, h27km, 6km, MD4.3, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residuals. Includes stations like ARG Arkhangelos, ARG ARG, ARG ARG, etc.

EREA	Eretia	4.86 311	ePN	Pn	23 21 28.0	+0.7	comp=N,242nm,0.3s	SLNF	AML	AML	23 23 02.6	FNA	Florina	7.89 316	P	Pn	23 22 09.5	+0.5	
EREA	Eretia	4.86 311	ePN	Pn	23 21 28.0	+0.7						SGD	Sagiada	7.92 305	P	Pn	23 22 09.7	+0.5	
KRND	KRANIDI	4.86 297	ePN	Pn	23 21 28.2	+0.9	comp=E,911nm,0.5s	SLNF	AML	AML	23 21 45.1	SGD	Sagiada	7.92 305	P	Pn	23 22 09.7	+0.5	
KRND	KRANIDI	4.86 297	P	Pn	23 21 28.0	+0.7		SLNF			23 21 45.1	HBST	Basata	7.99 138	P	Pn	23 22 09.7	+0.5	
KRND	KRANIDI	4.86 297	P	Pn	23 21 28.0	+0.7		GLL	Jalajah	6.29 154	P	Pn	baz=139						
KERG	Konya-Eregli	4.93 63	P	Sn	23 22 22.1	-1.5		GLL	Jalajah	6.29 154	P	Pn	comp=E,190um,0.4s,logAT=5.7, baz=139	HBST		AMP	Sn	23 23 00.0	
KERG	Konya-Eregli	4.93 63	P	Sn	23 21 29.6	+1.3		MAKR	Makrakomi, Fth	6.35 307	ePN	Pn		HBST	baz=139				
KERG	Konya-Eregli	4.93 63	P	Sn	23 22 22.7	-1.5		MAKR	Makrakomi, Fth	6.35 307	P	Pn		NUB	Basata	7.99 138	P	Pn	23 22 09.7
LTBO	Tobruq	5.08 232	iP	Pn	23 21 31.4	+1.1		MAKR	Makrakomi, Fth	6.35 307	ePN	Pn		NUB	Basata	7.99 138	P	Pn	23 22 11.6
								MAKR	Makrakomi, Fth	6.35 307	P	Pn		HBST	baz=141				
VILL	Villa	5.11 305	P	Pn	23 21 31.6	+0.8		RLS	Riolos of Patr	6.35 298	ePN	Pn		HBST	Jabal Katrina	8.17 144	P	Pn	23 22 12.3
VILL	Villa	5.11 305	P	Pn	23 21 31.6	+0.8		RLS	Riolos of Patr	6.35 298	P	Pn		HBST	baz=146				
VILL2	Platees	5.17 306	ePN	Pn	23 21 31.6	+0.1		RLS	Riolos of Patr	6.35 298	P	Pn		HBST	baz=146				
VLK	Loutraki	5.27 302	P	Pn	23 21 33.7	+0.7		RLS	Riolos of Patr	6.35 298	ePN	Pn		HBST	Jabal Katrina	8.17 144	P	Pn	23 22 12.3
VLK	Loutraki	5.27 302	P	Pn	23 21 33.8	+0.7		RLS	Riolos of Patr	6.35 298	ePN	Pn		HBST	baz=146				
LIA	Limnos Island	5.32 330	ePN	Pn	23 21 33.5	-0.1		BRBR	Barbar	6.37 105	P	Pn		HBST	baz=146				
LIA	Limnos Island	5.32 330	P	Pn	23 21 33.7	+0.1		BRBR	Barbar	6.37 105	eS	Sn	23 23 53.7	-6.0					
LIA	Limnos Island	5.32 330	P	Pn	23 21 33.7	+0.1		BRBR	Barbar	6.37 105	eS	Sn	23 23 53.7	-6.0					
VLX	Vlachokerasia	5.42 294	ePN	Pn	23 21 36.2	+1.0	comp=E,133nm,0.7s	BRBR	Barbar	6.37 105	eS	Sn	23 23 10.8						
VLX	Vlachokerasia	5.42 294	P	Pn	23 21 35.6	+0.4		BRBR	Barbar	6.37 105	eP	Pn	23 21 48.1	-0.1					
VLX	Vlachokerasia	5.42 294	P	Pn	23 21 35.6	+0.4		BTCH	Batrach	6.44 81	eP	Pn	23 21 48.1	-0.1					
VLX	Vlachokerasia	5.42 294	P	Pn	23 21 36.2	+1.0		BTCH	Batrach	6.44 81	eS	Sn	23 22 53.9	-7.4					
PROD	Prodromos	5.44 304	ePN	Pn	23 21 36.1	+0.8	comp=N,614nm,0.8s	BTCH	Batrach	6.44 81	eS	Sn	23 23 07.4						
PROD	Prodromos	5.44 304	ePN	Pn	23 21 36.1	+0.8		BTCH	Batrach	6.44 81	eS	Sn	23 23 07.4						
THAL	Thalero	5.49 301	ePN	Pn	23 21 36.8	+0.8	comp=N,431nm,0.4s	BTCH	Batrach	6.44 81	eS	Sn	23 23 17.4						
THAL	Thalero	5.49 301	P	Pn	23 21 36.8	+0.8		BTCH	Batrach	6.44 81	eS	Sn	23 23 17.4						
THAL	Thalero	5.49 301	P	Pn	23 21 36.8	+0.8		BTCH	Batrach	6.44 81	eS	Sn	23 23 17.4						
SMIA	Simia	5.59 311	ePN	Pn	23 21 38.3	+1.0	comp=N,336nm,0.6s	EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
SMIA	Simia	5.59 311	P	Pn	23 21 38.1	+0.8		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
SMIA	Simia	5.59 311	P	Pn	23 21 38.1	+0.8		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
SMIA	Simia	5.59 311	P	Pn	23 21 38.1	+0.8		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
ATAL	Atalanti	5.59 309	ePN	Pn	23 21 38.1	+0.7		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
ATAL	Atalanti	5.59 309	ePN	Pn	23 21 38.1	+0.7		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
BR231	Keskin MP Arra	5.61 35	ePN	Pn	23 21 42.2	+4.6		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
SKIA	Skiathos	5.62 315	ePN	Pn	23 21 38.4	+0.7		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
SKIA	Skiathos	5.62 315	ePN	Pn	23 21 38.4	+0.7		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
ANTO	Ankara	5.63 35	ePN	Pn	23 21 40.3	+2.3		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
ANTO	Ankara	5.63 35	ePN	Pn	23 21 40.3	+2.3		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
ANTO	Ankara	5.63 35	ePN	Pn	23 21 40.3	+2.3		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	P	Pn	23 21 39.6	+1.0		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	P	Pn	23 21 39.6	+1.0		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	P	Pn	23 21 39.6	+1.0		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					
GUR	Goura	5.67 299	ePN	Pn	23 21 40.0	+1.4		EVCH	Evrytania	6.44 81	ePN	Pn	23 21 48.1	-0.9					

6d 0h

Table of astronomical observations for 6d 0h, listing stations like SCO, WMQ, VMO, etc., with columns for station name, coordinates, and observation data.

2010 DEC

Main table of astronomical observations for 2010 DEC, listing stations like ILAR, ULM, MJAR, etc., with columns for station name, coordinates, and observation data.

200

Table of astronomical observations for 200, listing stations like YUK, UGL, ULE, etc., with columns for station name, coordinates, and observation data.

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res. Includes stations like Songino Array, Talaya, Tin City, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res. Includes stations like Dease Lake, Borovoye Array, Chiang Mai, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res. Includes stations like DUG, Warramunga Arr, Black Hills, etc.

ISCJB 06 01:28:58.0, 0.6, 3.1415: 0.06:143.5E:0.1, h25km, mb4.2/13, Error ellipse: s-maj=16.8km s-min=8.3km az=15.0

IDC 06 01:29:03.2, 2.7, 3.51S: 143.59E, h57km, 22km, mb3.9/12, m1 4.0/14, m1mx3.9/36, mbtm4.2/14, M4.0/1, MS2.9/1, Ms1 2.9/1, ms1tm2.4/35, Error ellipse: s-maj=20.7km s-min=13.5km az=60.0

NEIC 06 01:29:06.9, 1.2, 3.45S: 143.31E, h86km, 11km, mb4.3/4, Error ellipse: s-maj=13.4km s-min=9.9km az=70.0

ISC 06 01:28:59.0, 0.7, 3.45S: 143.39E: 0.08, h25km, n31, 15/23, mb4.4/13, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res. Includes stations like JAY, PMG, PMG, WRA, WRA, WRA, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like GYU, KUN, XAN, KSAR, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like HBR, KLR, SON, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like BILL, IKAZ, ISHM, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like HSN, TWM1, SCLT, TAI1, TATO, TWA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like QIZ, JUNU, GIA, Guiyang, KSAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like GTOI, MRSI, ASAJ, KLR, etc.

6d 2h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BRVK Borovoye, ASAR Alice Springs, etc.

2010 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VYHS Moragy, PKSM Moragy, etc.

206

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MKAR Makanchi Array, KURBS Kurchatov Arr, etc.

ASQU	936nm,0.8s		Sg	Sb	02 48 44.6 -0.2	ABTA	Abfaltersbach	2.46 16 Pn	Pn	02 49 03.7 +0.9	HAU	Haudompre	5.09 317 ePn	Pn	02 49 38.7 -0.1
POP	Popiglio	0.64 238 P	Pb	Pb	02 48 35.7 -0.8	RORO	Rocca Rossa	2.49 265 P	Pn	02 49 03.9 +0.9	HAU	Haudompre	5.09 317 ePn	Pn	02 49 38.7 -0.1
BDI	Bagni Di Lucca	0.73 244 Pg	Pg	Pb	02 48 37.6 -0.5	RORO	Rocca Rossa	2.49 265 S	Sn	02 49 32.8 +0.2	LANF	Langenberg	5.25 332 P	Pn	02 49 41.3 +0.3
BDI	Bagni Di Lucca	0.73 244 Pg	Pg	Pb	02 48 37.6 -0.5	LSR	Lussari	2.53 34 ePn	Pn	02 49 03.6 -0.2	LANF	Langenberg	5.25 332 P	Pn	02 49 41.3 +0.3
ADRI	Adria, Italy	0.74 291 ePg	Pn	Pn	02 48 40.0 +0.0	LSR	Lussari	2.53 34 ePn	Pn	02 49 03.6 -0.2	THEF	They Montfort	5.42 317 P	Pn	02 49 43.9 +0.6
ADRI	Adria, Italy	0.74 29 eSg	Sn	Sn	02 48 51.8 +2.1	ACOM	Acomizza, Ital	2.58 32 ePn	Pn	02 49 04.5 0.0	THEF	They Montfort	5.42 317 P	Pn	02 49 43.9 +0.6
ADRI	Adria, Italy	0.74 29 eSg	Sn	Sn	02 48 51.7 +2.1	ACOM	Acomizza, Ital	2.58 32 ePn	Pn	02 49 04.5 0.0	KTD	Kalmit	5.46 336 P	Pn	02 49 44.1 +0.1
ERBM	Eremo	0.78 273 Pg	Pg	Pn	02 48 40.1 +0.4	PGF	Pioggia	2.59 226 ePn	Pn	02 49 07.4 +0.1	LASF	Ste Croix	5.50 269 ePn	Pn	02 49 44.2 -0.3
ERBM	Eremo	0.78 273 Pg	Pg	Pn	02 48 40.1 +0.4	PGF	Pioggia	2.59 226 eSg	Sn	02 49 33.8 -1.5	TOD	Tromm	5.54 341 P	Pn	02 49 44.8 -0.2
RSM	Repubblica di	0.82 124 Pg	Pn	Pn	02 48 41.2 +1.0	PGF	Pioggia	2.59 226 eSg	Sn	02 49 33.8 -1.5	TREC	Trest	5.62 28 eSg	Sx	02 50 48.3 -1.5
RSM	Repubblica di	0.82 124 Pg	Pn	Pn	02 48 41.2 +1.0	RISI	Rein	2.59 9 ePn	Pn	02 49 05.9 +1.2	TREC	Trest	5.62 28 S	Sx	02 50 48.3 -1.5
RSM	Repubblica di	0.82 124 Pg	Pn	Pn	02 48 41.2 +1.0	IMI	Imperia	2.64 261 P	Pn	02 49 36.6 0.0	PAGF	Fort de Pagny	5.77 318 ePn	Pn	02 49 48.5 +0.4
VLC	Villacollemand	0.84 255 Pg	Pb	Pb	02 48 40.0 +0.1	IMI	Imperia	2.64 261 S	Sn	02 49 07.9 +1.9	PAGF	Fort de Pagny	5.77 318 ePn	Pn	02 49 48.5 +0.4
VLC	Villacollemand	0.84 255 Pg	Pb	Pb	02 48 40.0 +0.1	FETA	Feichten	2.69 349 ePn	Pn	02 49 07.9 +1.9	PAGF	Fort de Pagny	5.77 318 ePn	Pn	02 49 48.5 +0.4
VLC	Villacollemand	0.84 255 Pg	Pb	Pb	02 48 40.0 +0.1	FETA	Feichten	2.69 349 Pn	Pn	02 49 07.9 +1.9	PAGF	Fort de Pagny	5.77 318 ePn	Pn	02 49 48.5 +0.4
MAIM	Mastiano	0.87 237 Pg	Pg	Pb	02 48 40.2 -0.3	NEGI	Seborga	2.79 260 P	Pn	02 49 08.5 +1.2	PLDF	Plantade	5.79 289 P	Pn	02 49 49.1 +0.6
MAIM	Mastiano	0.87 237 Pg	Pg	Pb	02 48 40.2 -0.3	NEGI	Seborga	2.79 260 S	Sn	02 49 10.6 +2.0	PLDF	Plantade	5.79 289 P	Pn	02 49 49.1 +0.6
MAIM	Mastiano	0.87 237 P	S	Sb	02 48 40.6 +0.1	WTTA	Wattenberg	2.88 21 ePn	Pn	02 49 10.6 +2.0	PLDF	Plantade	5.79 289 P	Pn	02 49 49.1 +0.6
MAIM	Mastiano	0.87 237 P	S	Sb	02 48 54.4 +1.7	WTTA	Wattenberg	2.88 21 Pn	Pn	02 49 10.6 +2.0	SMF	Signal de Mont	5.84 295 ePn	Pn	02 49 49.0 -0.1
PARC	Parchiule	0.91 144 Pg	Pg	Pb	02 48 40.0 -1.1	WTTA	Wattenberg	2.88 21 Pn	Pn	02 49 10.6 +2.0	SMF	Signal de Mont	5.84 295 ePn	Pn	02 49 49.0 -0.1
PARC	Parchiule	0.91 144 Pg	Pg	Pb	02 48 40.0 -1.1	TRAV	Traversella	2.90 294 P	Pn	02 49 08.0 -0.7	SMF	Signal de Mont	5.84 295 ePn	Pn	02 49 49.0 -0.1
PARC	Parchiule	0.91 144 Pg	Pg	Pb	02 48 40.0 -1.1	TRAV	Traversella	2.90 294 P	Pn	02 49 08.0 -0.7	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PRMA	PARMA	0.93 294 Pg	Pn	Pn	02 48 43.3 +1.7	ENR	Entraque	2.94 268 P	Pn	02 49 09.2 -0.1	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PRMA	PARMA	0.93 294 Pg	Pn	Pn	02 48 43.3 +1.7	ENR	Entraque	2.94 268 S	Sn	02 49 11.7 +1.9	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PII	Pisa	0.97 227 Pg	Pg	Pb	02 48 41.5 -0.7	MOTA	Moosalm	2.97 355 Pn	Pn	02 49 11.7 +1.9	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PII	Pisa	0.97 227 Pg	Pg	Pb	02 48 41.5 -0.7	MOTA	Moosalm	2.97 355 Pn	Pn	02 49 11.7 +1.9	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
TEOL	Teolo	0.98 7 Pg	Pg	Pn	02 48 42.3 0.0	MOTA	Moosalm	2.97 355 Pn	Pn	02 49 11.7 +1.9	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
TEOL	Teolo	0.98 7 Pg	Pg	Pn	02 48 42.3 0.0	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
BACM	Baccana	1.03 264 P	Pb	Pb	02 48 44.6 +1.3	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
GRAM	Gratiara	1.03 264 P	Pb	Pb	02 48 44.6 +1.3	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PESA	Pesaro	1.06 114 Pg	Pg	Pb	02 48 45.2 +1.5	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PESA	Pesaro	1.06 114 Pg	Pg	Pb	02 48 45.2 +1.5	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PIEI	Pieia	1.13 139 Pg	Pn	Pn	02 48 44.5 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
PIEI	Pieia	1.13 139 Pg	Pn	Pn	02 48 44.5 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ATPC	Poggio Castell	1.14 143 Pg	Pg	Pn	02 48 44.7 +0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ATPC	Poggio Castell	1.14 143 Pg	Pg	Pn	02 48 44.7 +0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
FSSB	Fossombrone	1.15 127 Pg	Pg	Pb	02 48 45.7 +0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
FSSB	Fossombrone	1.15 127 Pg	Pg	Pb	02 48 45.7 +0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
CODM	Codolo	1.19 271 P	P	Pb	02 48 48.9 +3.0	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ATVO	AVT- Monte Val	1.20 147 Pg	Pg	Pn	02 48 45.8 +0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ATVO	AVT- Monte Val	1.20 147 Pg	Pg	Pn	02 48 45.8 +0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MARN	Marana (Italy)	1.27 351 ePg	Pb	Pb	02 48 47.5 +0.3	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MARN	Marana (Italy)	1.27 351 ePg	Pb	Pb	02 48 47.5 +0.3	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SASS	Sassa	1.27 208 Pg	Pg	Pn	02 48 46.0 -0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SASS	Sassa	1.27 208 Pg	Pg	Pn	02 48 46.0 -0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
GRFL	Gerfalco	1.30 197 Pg	Pg	Pn	02 48 46.4 -0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
GRFL	Gerfalco	1.30 197 Pg	Pg	Pn	02 48 46.4 -0.4	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SSFR	Montelago di S	1.33 135 Pg	Pg	Pb	02 48 48.9 +0.6	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SSFR	Montelago di S	1.33 135 Pg	Pg	Pb	02 48 48.9 +0.6	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ARVD	Arcevia	1.37 130 Pg	Pg	Pb	02 48 49.0 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
ARVD	Arcevia	1.37 130 Pg	Pg	Pb	02 48 49.0 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
BALD	Monte Baldo	1.38 340 ePg	Pb	Pb	02 48 49.4 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
BALD	Monte Baldo	1.38 340 ePg	Pb	Pb	02 48 49.4 +0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SALO	Salr	1.41 331 Pg	Pg	Pb	02 48 48.9 -0.8	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
SALO	Salr	1.41 331 Pg	Pg	Pb	02 48 48.9 -0.8	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MSSA	Maissana	1.43 268 Pg	Pg	Pb	02 48 50.9 +0.9	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MSSA	Maissana	1.43 268 Pg	Pg	Pb	02 48 50.9 +0.9	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MTLO	Montello	1.49 161 ePg	Pn	Pn	02 48 49.5 +0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MTLO	Montello	1.49 161 ePg	Pn	Pn	02 48 49.5 +0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MTLO	Montello	1.49 161 ePg	Pn	Pn	02 48 49.5 +0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
CGRP	Cima Grappa	1.51 8 ePg	Pn	Pn	02 48 49.6 -0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
CGRP	Cima Grappa	1.51 8 ePg	Pn	Pn	02 48 49.6 -0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
CGRP	Cima Grappa	1.51 8 ePg	Pn	Pn	02 48 49.6 -0.1	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
DDS	Dosso del Somm	1.51 352 ePg	Pn	Pn	02 48 49.8 0.0	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
DDS	Dosso del Somm	1.51 352 ePg	Pn	Pn	02 48 49.8 0.0	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MAGA	Magasa	1.52 336 Pg	Pg	Pn	02 48 49.7 -0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MAGA	Magasa	1.52 336 Pg	Pg	Pn	02 48 49.7 -0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MGAB	Montegabbione	1.54 163 Pg	Pg	Pn	02 48 50.9 +0.9	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
MGAB	Montegabbione	1.54 163 Pg	Pg	Pn	02 48 50.9 +0.9	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
VARN	Col Varnada, M	1.66 151 ePg	Pn	Pn	02 48 51.5 -0.2	SATI	Passo dei Sala	2.97 301 P	Pn	02 49 09.2 -0.8	SFTF	Sextfontaines	5.88 313 ePn	Pn	02 49 50.0 +0.3
VARN	Col Varnada, M	1.66 151 ePg													

6d 2h

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTA Charters Tower, CTAO Charters Tower, CTAG Charters Tower, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IPM comp=2.3,9nm,0.5s, G08A Pilot Rock, E07A Sunnyside, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH BRVK Borovoye, BRVK Borovoye, KKAR Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VRAC Vranov, VYHS Vyhne, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga, FINES Fines, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NICH Chinadas Maip, RCDM Chinas Angustu, etc.

SJA 06 03:02:13.5:0.3, 32.04S:68.00W, h27km, ML3.4, MW3.5

GUC 06 03:02:15.5:0.1, 31.24S:68.44W, h150km, ML4.4

ISC 06 03:02:13.5:1.8, 32.03S:0.04, 68.00W, 0.04, h7km, n18km, n14, c0583/23, 5C-1D, Mendoza Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CFAA Coronel Fontan, RTVC Cerro Valdivia, etc.

ISC 06 03:47:09.4:1.4, 33.98S:72.41W, h0km, mb4.0/3, mb1.3/9.6, mb1mx3.7/2.1, mbtmp3.6/6, ML3.5/4, MS3.7/3, Ms1.3/7.3, ms1mx3.1/2.6, Error ellipse: s-maj=4.9, s-min=22.0km az=110.0

GUC 06 03:47:10.7:0.4, 34.03S:72.45W, h15km, 18km, ML3.9

ISCJB 06 03:47:11.9:1.4, 34.09S:0.07, 72.41W, 0.09, h27km, 10km, mb4.1/2, MS3.7/1, Error ellipse: s-maj=14.8km, s-min=8.9km az=135.2

ISC 06 03:47:12.7:2.2, 34.12S:0.08, 72.4W, 0.1, h24km, 13km, n27, c1948/34, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHPI Pichilemu, RCDM Rinconada Maip, etc.

ISC 06 03:58:19.6:0.5, 14.87S:0.05, 167.47E:0.08, h129km, mb4.4/2.1, Error ellipse: s-maj=10.8km s-min=6.4km az=167.3

BUI 06 03:58:21.0, 14.96S:167.70E, h154km, mb4.6/1.9, mb4.9/1.3

IDC 06 03:58:21.4:1.9, 14.88S:167.47E, h134km, 15km, mb4.2/1.6, mb1.4/3.18, mb1mx4.2/3.0, mbtmp4.6/1.8, MS2.9/1, ms1.2/2.9/1, ms1mx2.4/2.5, Error ellipse: s-maj=17.8km s-min=11.6km az=77.0

NEIC 06 03:58:28.1:1.4, 14.86S:167.46E, h149km, 12km, mb4.7/1.1, Error ellipse: s-maj=11.2km s-min=8.4km az=71.0

ISC 06 03:58:20.8:0.5, 14.87S:0.06, 167.49E:0.09, h129km, n54, c1962/64, mb4.4/2.0, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, etc.

IDC 06 03:05:31.4:3.7, 31.37S:177.55W, h0km, mb3.7/2, mb1.4/0.3, mb1mx3.6/3.2, mbtmp3.8/3, ML4.3/1, MS3.3/3, Ms1.3/1.3, ms1mx2.7/3.0, Error ellipse: s-maj=84.4km s-min=37.2km az=122.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO 94nm, etc.

GUC 06 03:56:28.3:0.5, 34.00S:72.27W, h8km, 6km, ML3.5

ISC 06 03:56:25.3:3.0, 33.97S:0.06, 72.5W:0.2, h17km, n15, c1979/16, 5C-2D, Off coast of central Chile

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

ISC 06 03:56:28.3:0.5, 34.00S:72.27W, h8km, 6km, ML3.5

ISC 06 03:56:25.3:3.0, 33.97S:0.06, 72.5W:0.2, h17km, n15, c1979/16, 5C-2D, Off coast of central Chile

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

Table with columns: HFS, AKASG, EKA, TXAR, GERE, BRTR, WRA, ASAR, ESDC, etc. Each row contains station name, frequency, power, and other technical details.

IDC 06:06:02:18.4a.1.1, 3.84S:100.00E, h0km, mb4.0/12, mb1.4/1.4, mb1mx4.0/37, mbtmp4.1/14, ML3.7/2, MS3.4/4, Ms1.3/4, ms1mx2.9/24, Error ellipse: s-maj=37.8km s-min=15.3km az=52.0

ISCJB 06:06:02:20.1a.0.6, 3.73S:0.05E, 99.47E:0.05, h10km, mb4.1/23, MS3.3/4, Error ellipse: s-maj=8.1km s-min=5.4km az=135.8

NEIC 06:06:02:23.1a.3.7, 3.85S:100.01E, h31km, 24km, mb4.6/5, Error ellipse: s-maj=30.3km s-min=7.4km az=49.0

DJA 06:06:02:24.7.0.5, 4.3S:10.0E, h14km, M4.5/21, mb4.4/10, mb6.0/2, MLv4.0/10, MLV6.2/1, Mw(MB)5.7/2

ISC 06:06:02:22.0.0.7, 3.63S:0.06E, 99.46E:0.07, h10km, m63, s184/48, mb4.1/23, MS3.4/4, Southwest of Sumatera

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists numerous stations across various regions.

Summary table for Junction City, 147.68 32 ePKPdf, PKPbc, ePKPbc, PKIKP, 06 22 02.9 -2.0, 06 22 04.6 -3.1, 06 22 06.7 -3.0

DDA 06:06:33:02.9, 37.86N:27.32E, h7km, MD2.7
ISCJB 06:06:33:03.1a.0.4, 37.86N:0.03E, h20km, 4km, Error ellipse: s-maj=4.5km s-min=3.8km az=40.6
ISK 06:06:33:03.4, 37.91N:27.36E, h20km, MD2.5
CSEM 06:06:33:03.2, 37.87N:27.33E, h10km, MD2.7, Error ellipse: s-maj=5.2km s-min=4.1km az=69.0
ISC 06:06:33:02.9, 3.874N:0.02E, 27.33E:0.03, h14km, 7km, n42, c06160, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations in Turkey and other regions.

ISCJB 06:06:41:22.8.0.2, 46.033N:0.009E, 677E:0.01, h4km, 2km, Error ellipse: s-maj=1.7km s-min=1.4km az=11.1
CSEM 06:06:41:23.8.0.1, 46.011N:0.04E, h8km, ML3.4/39, Error ellipse: s-maj=1.5km s-min=1.2km az=110.0
LDG 06:06:41:24.6.0.1, 46.011N:6.91E, h2km, MD3.5/3, MI3.4/39, Error ellipse: s-maj=1.3km s-min=1.0km az=119.0
ZUR 06:06:41:24.7, 46.03N:6.91E, h4km, 1km, ML3.2/20
GER 06:06:41:24.8, 46.02N:6.92E, h2km, ML2.7
STR 06:06:41:25.1a.0.1, 46.04N:6.79E, h10km, MI3.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
PRU 06:06:41:28.9, 46.16N:6.95E, h28km
ISC 06:06:41:24.0.0.8, 46.040N:0.01E, 6.83E:0.01, h8km, 5km, n239, s1818/369, 37C-11D, Switzerland

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations in Switzerland, France, and other regions.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations in various regions including VANNI, LSD, LKBD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLDF La Plantade, SMRF Simiane la Rot, THEF They Montfort, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOTa Moosalm, KTD Kalmit, WTTA Wattenberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLSS Milas, ZEY zmir, URLA Izmir, etc.

ISK 06 07:11:25.7, 37.76N:26.93E, h8km, MD2.6
CSEM 06 07:11:27.4, 0.8, 37.79N:27.00E, h13km, 2km, MD2.6,
Error ellipse: s-maj=19.3km s-min=5.5km az=70.0

ISCJB 06 07:11:30.3, 0.5, 37.87N:0.03:27.32E:0.05, h7km, 7km,
Error ellipse: s-maj=7.0km s-min=4.1km az=154.1
DDA 06 07:11:30.8, 0.9, 37.87N:0.03:27.26E:0.03, h13km, 7km,
n20, s104/34, Turkey

ISCJB 06 07:12:18.7, 0.5, 14.60N:0.04:123.51E:0.06, h33km,
mb4.0/11, MS3.5/2, Error ellipse: s-maj=8.1km
s-min=5.3km az=155.2

IDC 06 07:12:19.0, 0.7, 14.30N:123.48E, h51km, 7km, mb3.7/11,
mb1.3/8.12, mb1mx3.6/4.7, mbtmp4.0/12, MS2.5/2,
ms1.2/6.2, ms1mx2.4/4.2, Error ellipse: s-maj=37.8km
s-min=11.9km az=69.0

MAN 06 07:12:19.1, 14.46N:123.44E, h72km, mb4.6, ML3.5, MS3.5
MAN INTENSITY III - NAGA CITY
ISC 06 07:12:19.2, 0.6, 14.43N:0.05:123.45E:0.05, h33km, n35,
s159/35, mb4.2/11, 4C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVCP Virac, GQP Guinayangan, AUQP San Andres, etc.

IDC 06 06:46:41.8, 1.8, 2.45N:126.21E, h0km, mb3.5/4,
mb1.3/7.4, mb1mx3.5/5.1, mbtmp3.5/4, Error ellipse:
s-maj=186.1km s-min=21.7km az=66.0, Northern
Molucca Sea

ISK 06 07:08:49.4, 37.79N:26.98E, h2km, MD2.6
ISCJB 06 07:08:53.6, 0.6, 37.85N:0.04:27.32E:0.05, h8km, 7km,
Error ellipse: s-maj=7.5km s-min=6.3km az=156.9
DDA 06 07:08:53.8, 37.84N:27.31E, h8km, MD2.9
CSEM 06 07:08:53.5, 0.4, 37.83N:27.29E, h12km, MD2.6, Error
ellipse: s-maj=12.3km s-min=7.4km az=57.0

ISC 06 07:08:53.8, 1.0, 37.86N:0.03:27.31E:0.04, h10km, 10km,
n18, s975/24, Turkey

GRAL 06 07:14:35.3, 3.0, 34.05N:35.28E, h13km, 6km, MD3.0
NSSC 06 07:14:36.3, 1.2, 33.77N:35.92E, h0km, 3km, ML1.8
CSEM 06 07:14:36.6, 0.2, 33.77N:35.91E, h8km, ML1.8, Error
ellipse: s-maj=4.0km s-min=2.9km az=98.0
ISCJB 06 07:14:37.3, 0.5, 33.77N:0.02:35.88E:0.04, h16km, 13km,
Error ellipse: s-maj=5.5km s-min=3.9km az=4.2

ISC 06 07:14:36.2, 1.3, 33.76N:0.02:35.91E:0.03, h8km, 11km,
n26, s961/49, Jordan-Syria region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BHL, DORL, Deir Qamar, BARB, etc.

NIED 06:07:26:00, 40.80N, 143.20E, h32km, Mw3.7 Best double couple: M4.47000x1014 NP1.137.00000, s28.00000, lambda20.00000...

JMA 06:07:26:58.3-0.3, 40.80N, 143.22E, h13km, 4km, M3.7, 1C-1D, Off east coast of Honshu

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

NIED 06:07:30:00, 40.80N, 143.20E, h26km, Mw5.7 Best double couple: M4.05000x1017 NP1.151.00000, s28.00000, lambda33.00000...

IDC 06:07:30:28.6-0.4, 40.84N, 143.05E, h0km, mb5.2/37, Mb1 5.2/42, mb1mx5.2/50, mbtmp5.1/42, ML4.4/4, MS5.5/37, Ms1 5.5/37, ms1mx5.3/46, Error ellipse: s-maj=11.8km s-min=10.0km az=137.0

BUI 06:07:30:28.2, 40.80N, 143.16E, h18km, mb5.6/93, mb5.7/68, Ms5.9/97, Ms7 5.7/88

JMA 06:07:30:29.8-0.2, 40.80N, 143.22E, h7km, 3km, M5.8 JMA Felt III J1

ISCJUB 06:07:30:31.9-0.5, 40.86N, 01.143.08E, 01.02, h30km, 3km, mb5.5/383, MS5.5/431, Error ellipse: s-maj=2.6km s-min=1.6km az=144.0

GCMT 06:07:30:32.7-0.1, 40.89N, 143.26E, h24km, Mw5.7/128, Moment Tensor Solution. s108.c225; s128.c337; Duration: 1s8 Moment tensor: Scale 10^17Nm; Mn=2.79e-04; M0=0.03e-03; M00=2.82e-03; Mn1.84e-05; M00=0.63e-02; M00=3.46e-05; Best double couple: M4.86000x1017 NP1.125.00000, s72.00000, lambda98.00000, NP2.179.00000, s20.00000, lambda65.00000, Principal axes: T 4.8570, Plg62.0000, Azm308.0000; N 0.0030, Plg8.0000, Azm2.0000; P -4.8630, Plg27.0000, Azm108.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 06:07:30:32.7-0.1, 40.90N, 142.97E, h22km, mb5.6/251, Error ellipse: s-maj=3.5km s-min=2.2km az=146.0, Moment Tensor Solution. s90 Moment tensor: Scale 10^17Nm; Mn=2.16; M00=0.03; M00=2.18; M00=1.96; M00=1.49; M00=3.15; Best double couple: M4.50000x1017 NP1.199.00000, s18.00000, lambda78.00000, NP2.32.00000, s73.00000, lambda94.00000, Principal axes: T 4.1300, Plg62.0000, Azm308.0000; N 0.7600, Plg4.0000, Azm210.0000; P -4.8800, Plg28.0000, Azm119.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

NEIC 06:07:30:32.0-0.0, 40.88N, 142.99E, h21km, Moment Tensor Solution. s37 Moment tensor: Scale 10^17Nm; Mn=2.01; M00=0.01; M00=2.00; M00=2.07; M00=0.57; M00=2.99; Best double couple: M4.20000x1017 NP1.131.00000, s17.00000, lambda99.00000, NP2.178.00000, s17.00000, lambda58.00000, Principal axes: T 4.2200, Plg58.0000, Azm314.0000; N -0.0600, Plg9.0000, Azm210.0000; P 1.6000, Plg30.0000, Azm114.0000; MOS 06:07:30:33.0-0.9, 40.99N, 142.97E, h36km, mb5.8/109, MS5.7/73, Error ellipse: s-maj=5.7km s-min=3.8km az=101.8

2010 DEC

MOS Felt (I) at Yuzhno-Kuril'sk BGR 06:07:30:39.1, 41.89N, 143.78E, h33km, mb5.7, Ms6.0 ISC 06:07:30:32.0-0.4, 40.89N, 0.02-143.13E, 0.03, h23km, 2km, h22km; p-P, n1666, e1311/1669, mb5.6/403, MS5.5/437, 99C-49D, Off east coast of Honshu

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

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

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

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

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

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

6d 7h

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KS01, KS01, KS01, etc.

SCIA	baz=83 State Center comp=Z,121nm,1.4s	83.09	39	eP	P	07 42 57.0 +1.2
SCIA				LR	LR	
P34A	comp=Z,2um,22.0s Walnut Farm, R baz=83, SNR=5.8	83.11	42	P	P	07 42 55.6 -0.3
S31A	baz=83 Mullinville	83.14	45	P	P	07 42 56.3 0.0
FUORN	comp=Z,72nm,0.9s	83.28	329	eP	P	07 42 57.8 +0.7
FUORN				LR	LR	
FYTO	comp=Z,4um,21.0s Fytoko, Voloc	83.28	318	P	P	07 42 56.7 -0.2
FYTO		83.28	318	P	P	07 42 56.7 -0.2
U30A	baz=83 WK&E Inc. Balk Tirane	83.30	47	P	P	07 42 57.1 0.0
TIR	baz=83 Tirane	83.33	321	eP	P	07 42 57.2 +0.1
TIR				pmax	pmax	
TIR	comp=Z,258nm,1.5s			MLR	MLR	
TIR	comp=Z,6um,22.0s Tirane	83.33	321	eP	P	07 42 57.2 +0.1
TIR	comp=Z,258nm,1.5s			LR	LR	
TIR	comp=Z,6um,22.0s			LR	LR	
S32A	comp=Z,2um,22.0s Newby Ranch, P	83.37	45	P	P	07 42 57.7 +0.3
T31A	baz=83 Randall Ranch, P	83.42	46	P	P	07 42 58.0 +0.3
R33A	baz=83, SNR=6.1 Olander Ranch, P	83.43	44	P	P	07 42 57.9 +0.2
NEST	baz=83 Nestorio	83.47	319	P	P	07 42 57.9 -0.1
M38A	baz=83 Pleasantville	83.48	39	P	P	07 42 58.0 +0.1
N37A	baz=83, SNR=5.3 Lee Faris, Mou	83.50	40	P	P	07 42 58.2 +0.3
Q34A	baz=83, SNR=7.3 Chapman	83.52	43	P	P	07 42 57.8 -0.3
P35A	baz=83 Duane Minner,	83.53	42	P	P	07 42 57.9 -0.2
SMIA	baz=83 Simia	83.54	317	P	P	07 42 58.1 -0.1
KSU1	baz=83 Kansas State U	83.55	43	P	P	07 42 58.3 0.0
KSU1	baz=83 Kansas State U	83.55	43	eP	P	07 42 58.5 +0.2
KSU1	comp=Z,18nm,0.7s			LR	LR	
O36A	comp=Z,4um,22.0s Bolckow	83.60	41	P	P	07 42 58.2 -0.3
JFWS	baz=83 Jewell Farm	83.67	36	PFAKE	LR	07 43 10.0 +1.1
JFWS				LR	LR	
TUE	comp=Z,2um,22.0s Stuetta	83.75	330	eP	P	07 42 59.9 +0.5
TUE	comp=Z,46nm,1.0s			LR	LR	
T32A	comp=Z,8um,19.0s Huddler Ranch, P	83.76	45	P	P	07 42 59.5 0.0
ATAL	baz=84, SNR=6.3 Atalanti	83.78	317	P	P	07 42 58.8 -0.6
ATAL	Atalanti	83.78	317	P	P	07 42 58.8 -0.6
LKR	Lokris	83.82	317	P	P	07 42 58.8 -0.8
R34A	baz=84 Isabella, Hill	83.82	43	P	P	07 42 59.7 0.0
V30A	baz=84 Spur Ranch, Mi	83.84	47	P	P	07 43 00.4 +0.5
U31A	baz=84 Nine Bar Ranch, P	83.86	46	P	P	07 43 00.4 +0.4
P36A	baz=84 Good Intent, A	83.87	41	P	P	07 42 59.9 0.0
AGG	baz=84, SNR=1.1 Agios Georgios	83.88	318	eP	pmax	07 42 59.5 -0.5
AGG				pmax	pmax	
AGG	comp=Z,55nm,1.1s Agios Georgios	83.88	318	eP	P	07 42 59.9 -0.2
AMTX	comp=Z,55nm,1.2s Amarillo	83.92	48	P	P	07 43 00.7 +0.4
AMTX	comp=Z,32nm,1.1s Amarillo	83.92	48	eP	LR	07 43 01.5 +1.2
AMTX				LR	LR	
N38A	comp=Z,1um,21.0s Jones South For	83.94	39	P	P	07 43 00.6 +0.4
MSTX	baz=84 Muleshoe	83.95	50	P	P	07 43 00.8 +0.3
MSTX	baz=84, SNR=8.2 Muleshoe	83.95	50	eP	P	07 43 01.5 +1.0
MSTX	comp=Z,36nm,1.1s			LR	LR	
HEX	comp=Z,1um,20.0s Exmoor	83.97	340f	eP	P	07 43 00.3 +0.1
Q37A	baz=84, SNR=6.0 Wolven Farm, M	83.98	40	P	P	07 43 00.7 +0.3
MAKR	baz=84, SNR=6.0 Makrakomi, Fth	83.99	318	P	P	07 42 59.9 -0.7
MAKR	Makrakomi, Fth	83.99	318	P	P	07 42 59.9 -0.7
MNTX	baz=84, SNR=10 Cornudas Mount	84.02	53	P	P	07 43 01.4 +0.6
MNTX	baz=84, SNR=10 Cornudas Mount	84.02	53	eP	P	07 43 02.0 +1.2
MNTX	comp=Z,58nm,1.4s			LR	LR	
Q35A	comp=Z,800nm,20.0s Mercer Eighty,	84.03	42	P	P	07 43 00.8 0.0
HIZ	baz=84 Hauti	84.18	155	PFAKE	LR	07 43 10.0 +8.9
HIZ				LR	LR	
T33A	comp=Z,2um,20.0s Patterson Ranc	84.20	45	P	P	07 43 01.5 -0.2
SANT	baz=84 Santorini	84.21	314	PFAKE	LR	07 43 10.0 +8.3
SANT				LR	LR	
N39A	comp=Z,2um,19.0s Derby Farms, D	84.23	39	P	P	07 43 01.8 +0.1
Q36A	baz=84, SNR=5.3 Arnold C. Orve	84.24	42	P	P	07 43 01.7 -0.1
V31A	baz=84, SNR=6.2 Spring Creek L	84.30	47	P	P	07 43 03.2 +1.0
U32A	baz=84 Winter Ranch, P	84.31	46	P	P	07 43 02.7 +0.4
W30A	baz=84 Crockett Farms	84.32	48	P	P	07 43 02.3 +0.3
S34A	baz=84 Willow Spring	84.34	44	P	P	07 43 02.6 +0.3
Q38A	baz=84 Galt	84.34	40	P	P	07 43 02.7 +0.4
R35A	baz=84 Emporia Munci	84.35	43	P	P	07 43 02.8 +0.4
VLDQ	baz=84 Val d'Or	84.37	26	eP	P	07 43 01.5 -0.7
VLDQ	comp=Z,45nm,1.0s			LR	LR	
DSL	comp=Z,3um,18.0s Palaoia Diesel	84.42	319	P	P	07 43 02.6 -0.2
DSL	Palaoia Diesel	84.42	319	P	P	07 43 02.6 -0.2
KALE	baz=84 Kalithea	84.46	317	P	P	07 43 01.9 -1.1
KALE	baz=84, SNR=5.3 Kalithea	84.46	317	P	P	07 43 01.9 -1.1
SERG	baz=84 Sergoula	84.48	317	P	P	07 43 02.0 -1.1
SGD	baz=84 Sagiada	84.48	319	P	P	07 43 03.1 +0.1
PMOR	baz=84 Pomarioiree	84.55	115	eT	T	09 15 57.1
DYA	comp=Z,17nm,0.2s Yadsworth	84.58	340	eP	P	07 43 03.9 +0.7
DYA				AMB	AMB	07 43 05.0
DYA	comp=Z,118nm,1.4s			AMS	AMS	08 25 00.2
DYA	comp=Z,3um,17.9s Yadsworth	84.58	340	eP	P	07 43 04.7 +1.4
SENI	comp=Z,158nm,1.3s Lac Senin/3ane	84.61	331	eP	P	07 43 04.5 +0.7
SENI	comp=Z,59nm,1.2s			LR	LR	
SENI	comp=Z,5um,19.0s			LR	LR	
LAKA	baz=84 Lakka	84.65	317	P	P	07 43 02.8 -1.1
W31A	baz=84, SNR=11 Holland Ranch, P	84.67	47	P	P	07 43 04.8 +0.7
URZ	baz=84, SNR=11 Urewera	84.68	154	PFAKE	LR	07 43 20.0 +1.6
URZ				LR	LR	
VAL	comp=Z,2um,20.0s Valentia	84.69	344	eP	P	07 43 05.5 +1.8
G30A	baz=84 Coker Ranch, T	84.69	48	P	P	07 43 04.4 +0.2
XUR	baz=84 Goura	84.70	317	P	P	07 43 03.0 -1.3
GUR	baz=84 Goura	84.70	317	P	P	07 43 03.0 -1.3
R36A	baz=84 Gordon, Harris	84.70	42	P	P	07 43 04.2 0.0
KLV	baz=84, SNR=7.6 Kalavryta, Ach	84.71	317	P	P	07 43 02.8 -1.5
KLV	baz=84, SNR=7.6 Kalavryta, Ach	84.71	317	P	P	07 43 02.8 -1.5
U33A	baz=84, SNR=11 Lingo Farm, Me	84.75	45	P	P	07 43 04.9 +0.4
S35A	baz=84 Otter Creek Ra	84.77	43	P	P	07 43 04.7 +0.2

V32A	baz=85, SNR=19 Arapaho	84.78	46	P	P	07 43 04.3 -0.3
PDO	baz=85, SNR=9.2 Prodromos	84.79	318	P	P	07 43 04.3 -0.3
T34A	baz=85, SNR=6.8 McCleary Farm	84.81	44	P	P	07 43 04.6 -0.1
Q37A	baz=85 Longview Farm, P	84.81	41	P	P	07 43 04.9 +0.1
RLS	baz=85 Rilos of Patr	85.05	318	P	P	07 43 06.0 +0.1
RLS	baz=85 Rilos of Patr	85.05	318	P	P	07 43 06.0 +0.1
R37A	baz=85 Teagarden Farm	85.06	42	P	P	07 43 06.2 +0.3
X31A	baz=85 McDonald Ranch	85.06	48	P	P	07 43 05.8 -0.3
U34A	baz=85, SNR=9.2 Anderson Ranch	85.06	45	P	P	07 43 06.4 +0.4
U34A	baz=85, SNR=9.2 Anderson Ranch	85.06	45	eP	P	07 43 07.0 +1.0
U34A	comp=Z,150nm,1.5s			LR	LR	
128A	comp=Z,1um,19.0s Castleberry Fa	85.08	50	P	P	07 43 06.8 +0.5
LAST	baz=85, SNR=9.9 Lasitini	85.09	313	P	P	07 43 07.4 +1.2
LAST	baz=85, SNR=9.9 Lasitini	85.09	313	eP	P	07 43 07.0 +0.7
LAST	comp=Z,133nm,1.1s			LR	LR	
Y30A	comp=Z,2um,19.0s Staffer Catt	85.09	49	P	P	07 43 06.6 +0.3
W32A	baz=85 Sentinel	85.11	47	P	P	07 43 06.6 +0.3
S36A	baz=85 Lake Cedric, C	85.11	43	P	P	07 43 06.3 0.0
V33A	baz=85, SNR=8.9 Lossen Ranch, P	85.11	46	P	P	07 43 06.2 -0.1
CCA1	baz=85 Carmenellis	85.14	340	eP	P	07 43 06.5 +0.4
CCA1				AMB	AMB	07 43 07.4
CCA1	comp=Z,129nm,1.5s			AMS	AMS	08 24 19.6
PPT	comp=Z,3um,17.1s Papeete	85.21	118	LR	LR	08 15 14.7
PPT2	comp=Z,8um,20.4s, baz=300,slow=32 Papeete2	85.23	118	eS	S	07 53 33.2 -2.8
PPT2	comp=Z,2um,29.2s			eSS	SS	07 59 13.1 +2.2
PPT2	comp=Z,567nm,24.5s			eLR	LR	08 10 01.3
PPT2	comp=Z,8um,21.0s, baz=316 Papeete2	85.23	118	eT	T	09 16 48.1
T35A	comp=Z,5.4nm,0.3s Soor Cattle	85.24	44	P	P	07 43 07.1 +0.2
VLC	baz=85, SNR=10 Villacollemand	85.27	328	PFAKE	LR	07 43 20.0 +1.3
VLC				LR	LR	
BKZ	comp=Z,2um,19.0s Black Stump Fm	85.30	155	PFAKE	LR	07 43 20.0 +1.3
BKZ				LR	LR	
IDI	comp=Z,3um,22.0s Anoyia	85.32	314	eP	P	07 43 07.1 -0.2
IDI	comp=Z,107nm,1.2s			LR	LR	
MATE	comp=Z,3um,20.0s Matera	85.37	322	P	P	07 43 07.6 +0.2
Z28A	UT Block 9, Go	85.38	51	P	P	07 43 08.2 +0.4
Z30A	baz=85, SNR=12 Sanderson Ranch	85.39	49	P	P	07 43 08.1 +0.3
Y31A	baz=85, SNR=5.2 Rekieta Farm, P	85.39	48	P	P	07 43 08.3 +0.6
VLS	baz=85, SNR=6.0 Valsamata	85.41	318	P	P	07 43 07.2 -0.5
VLS	Valsamata	85.41	318	P	P	07 43 07.2 -0.5
VLS	Valsamata	85.41	318	P	P	07 43 07.2 -0.5
129A	baz=85, SNR=6.5 Stewart Farm, P	85.44	50	P	P	07 43 08.2 +0.2
T36A	baz=85, SNR=11 Stoggs Farm, Ca	85.47	43	P	P	07 43 08.4 +0.4
S37A	baz=85, SNR=11 Fort Scott	85.48	42	P	P	07 43 08.1 0.0
W33A	baz=85, SNR=8.5 Cadeo, Fort Co	85.51	46	P	P	07 43 08.8 +0.6
V34A	baz=85, SNR=8.5 Guthrie	85.52	45	P	P	07 43 08.7 +0.4
V34A	baz=85, SNR=11 Guthrie	85.52	45	eP	P	07 43 09.2 +0.9
V34A	comp=Z,168nm,1.8s			LR	LR	
U35A	comp=Z,2um,19.0s Pawnee	85.54	44	P	P	07 43 08.8 +0.4
X32A	baz=85, SNR=11 Elmer	85.60	47	P	P	07 43 09.3 +0.6
WMOK	baz=85 Wichita Moun	85.65	47	eP	pmax	07 43 09.7 +0.7
WMOK	comp=Z,40nm,1.4s			pmax	pmax	
WMOK	comp=Z,40nm,1.4s			LR	LR	
WMOK	comp=Z,40nm,1.4s			LR	LR	
Y32A	comp=Z,1um,19.0s R-V Farms, Ver	85.82	48	P	P	07 43 10.3 +0.5
W34A	baz=86 Bridge Creek, P	85.83	46	P	P	07 43 10.4 +0.6
W34A	baz=86, SNR=6.0 Bridge Creek	85.83	46	eP	P	07 43 10.9 +1.1
W34A	comp=Z,78nm,1.4s			LR	LR	
Z31A	comp=Z,2um,20.0s Sharp Cattle R	85.93	49	P	P	07 43 10.6 +0.2
V35A	baz=86, SNR=8.8 Meyer Ranch, C	85.94	45	P	P	07 43 10.9 +0.6
X33A	baz=86 Lawton	85.95	47	P	P	07 43 10.9 +0.5
Z29A	baz=86 Bryant Ranch, P	85.95	51	P	P	07 43 10.9 +0.3
BNI	baz=86 Bardonecchia	85.96	331	eP	pmax	07 43 10.7 +0.2
BNI				pmax	pmax	
BNI	comp=Z,60nm,1.2s			MLR	MLR	
BNI	comp=Z,6um,20.0s Bardonecchia	85.96	331	eP	P	07 43 10.7 +0.2
BNI	comp=Z,60nm,1.2s			LR	LR	
HDIL	comp=Z,6um,20.0s Hopedale	85.98	37	eP	P	07 43 09.6 -0.9
HDIL	comp=Z,142nm,1.8s			LR	LR	
130A	comp=Z,2um,19.0s Snyder	85.98	50	P	P	07 43

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like 136A Ennis, MIAR Mount Ida, Y39A Lockesburg, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like KVTX Kingsville, ODNJ Ogdensburg, LUPA Lehigh Unvers, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like TOB5 Torodi Ar. Sit, TOB3 Torodi Ar. Sit, TOB4 Torodi Ar. Sit, etc.

IDC 06 07:39:46.5:0.9, 40.83N:143.14E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.8/57, mbtmp3.9/14, ML3.6/2, Error ellipse: s-maj=24.4km s-min=17.8km az=103.0

ISCJB 06 07:39:48.0:0.6, 40.83N:0.05:143.3E:0.1, h30km, mb3.9/16, Error ellipse: s-maj=12.3km s-min=5.3km az=20.2

NEIC 06 07:39:49.0:2.4, 40.88N:143.16E, h16km:14km, mb4.3/3, Error ellipse: s-maj=21.5km s-min=10.4km az=113.0

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

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PPSI Pulau Pagai, MASI Maura Aman, Be, KSI Kapahiang, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KDM Kudat, UMPA Umpang Tak, BKSI Bulukumba, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CD2, GKN, ENH, KOLN, WHN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Sufi-Kurgan, Podgornoye, Cobar Meteorol, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NVS Khabarovsk, HBR HBR, BRVK Borovoye, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VVND Vanda, AKASG Malin Army Be, KIEV Kiev, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, PKP, PKPpdf, Azimuth, Elevation, PKP, PKPpdf. Rows include stations like Dugway, Carlson Angus, Regan, Ashes, Strandq, Carson, Goldstone, Buchanan, Maurine, Dupree, Jud, RKJ Ranch, Black Hills, Black Hills, Jirik Farms, Casper, Marysvalle, Marysvalle, Fairport, Rochford, Pinyon Flat Ob, Pinyon Flat Ob, Park Rapids, Belle Mtn. Jos, New Underwood, Westby DABS, Quinn, Faulkton, White River Ci, 5 Mile Ranch, Midland, Allard Ranch, Red Feather La, Oacoma, Pohn Over Nor, Royce, Wessing, Watkins, Paradox Valley, Dallas, Sunnyside Ranch, EROS Data Cent, 4UR Ranch, Tucson, Tucson, Oakley, Tribune, Stockton, Pleasantville, LPM, S28A, S29A, S31A, S30A, R32A, P37A, Q35A, T31A, T32A, U31A, R36A, Q38A, Q39A, R37A, M31X, V31A, S36A, MNTX, MNTX, R38A, V32A, W31A, T35A, T36A, V33A, V34A, Y30A, CCM, CCM, 128A, W33A, OLIL, U36A, Y31A, V35A, WMOK, WMOK, X30A, X32A, W34A.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, PKP, PKPpdf, Azimuth, Elevation, PKP, PKPpdf. Rows include stations like Bridge Creek, Salina, UT Block 9, Go, Stewart Farms, Tulsa, Tulsa, Lawton, Gravette, Jenks, Tecumseh, Sharp Cattle R, Hulbert, Smith Ranch, Southern Illin, Snyder, Smith Ranch, Southern Illin, Wyandotte Cave, Wyandotte Cave, Bryant Ranch, Hilltop Ranch, University of, W36A, Canell, Haskell, Roby, Wagon Wheel Ra, Drake, Sterling City, Reagan Ranch, Whitaker Ranch, Centrahoma, Abilene, Hawle, Abilene, Hawle, Mertzon, Lajitas Array, Marietta, Poteau, Bronte, Collier Ranch, Clayton, Davenport Ranc, J. Sargeant Re, Hamilton Ranch, Whitesboro, Stev Forest Ra, Durant, Perchaen, San, Baggett Ranch, Coleman, San Angelo, Glass, University of, UTM, Hugo, Gosnell, White-Moore Ra, Rising Star, Millersview, Blue Ridge, J-C Ranch, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, HALT Halls, Sonora, Waverly, Waverly, UALR University of, Clairette, Merard, Lockesburg, Fazzell, Richland Sprin, Rocksprings, Lake Whitney, Junction City, Junction City, Junction City, Pleasant, Ennis, Lometa, Art, Rock Springs, Heron Place, G, Perdo Creek, Burnet, Moody, Oxford, Oxford, Oxford, Cooper Cave, Kerrville, Uvalde, Uvalde.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, PKP, PKPpdf, Azimuth, Elevation, PKP, PKPpdf. Rows include stations like Sewanee, Riesel, Jarrell, Blanco, Chaparral Ranch, Gary, Kings Mountain, Kings Mountain, Wall Ranch, Nacogdoches, Nacogdoches, Crockett, Dale, Faith Ranch, Divot King Ran, Chaparral WMA, La Parita Cree, Center Grove, Smothers Creek, Hockley, Hockley, Laredo, Tilden, Vicksburg, Kirbyville, Eagle Lake, Circle Diamond, Lakeview Retre, Beeville, Cross D Ranch, Godfrey, Godfrey, Benavides, Hebronnville, Encino, Limon Verde, Hargill, Tifton.

IDC 06 08:14:57.52.3,3141'Sx177.26'W,h0km,mb3.6/2, mb1.3/9,mb1mx3.7/26,mbtmp3.7/3,ML2.9/1,Error

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, PKP, PKPpdf, Azimuth, Elevation, PKP, PKPpdf. Rows include stations like URZ Urewera, URZ, ASAR, WRA, AKASO.

ISCJB 06 08:46:37.40.0.5,32.40'N,0.04.93'65E,0.08,h10km, mb3.9/12,MS4.1/1,Error ellipse: s-maj=10.1km

IDC 06 08:46:37.50.0.8,32.39'N,93.63'E,h0km,mb3.9/12, mb1.4/0.16,mb1mx3.8/54,mbtmp3.8/16,ML3.5/4,MS4.1/1, MS1.4.1/1,ms1mx3.1/50,Error ellipse: s-maj=34.6km

s-min=5.3km az=25.7, s-min=15.3km az=50.0, B.06 08:46:39.5,22.55'N,93.51'E,h0km,ML3.6/3

ISC 06 08:46:39.0.7,32.38'N,0.06.93.67'E,0.09,h10km,n29, s-r126/28,mb4.0/12,Xizang

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, PKP, PKPpdf, Azimuth, Elevation, PKP, PKPpdf. Rows include stations like LSA Lhasa, LSA, LSA, SHL, TAPN, ODAN, GUMBA, RAMM, KKN, PKI, PKIN, GKN, KOLN, WMQ, CMAR, MKAR, SONM, AAK, KURBS, ZALV, BVAR, AKASO, BATI, FINES, HFS, NOA, WRA.

6d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TERO, CINGI, ARVD, GUMA.

CSEM 06 11:49:46.2, 42.80N, 13.00E, h9km, MD2.0/4, After ROM ROM 06 11:49:46.2, 42.80N, 13.00E, h9km, MD2.0/4, M12.0/5, Error ellipse: s-maj=1.0km s-min=0.7km az=83.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NRCA, LNSS, CEMI, SMA1, CEXS, SNTG, TERO, GUMA.

HEL 06 11:58:22.9, 0.4, 59.14N, 28.09E, h0km, ML2.0, Explosion UPP 06 11:58:31.2, 6.5936N, 27.30E, h0km, ML1.8, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VSU, PVF, SRPE, MEF, MTSE, FIAO, KAF, KEF, RAU, SUF, AAL, JOF, NRT, GRAU, NYNU, FLYU, GOTU, BACU, UMAU, BURU, HASU.

HEL 06 11:58:43.5, 0.2, 67.66N, 20.83E, h0km, ML1.5, Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LANU, HEF, KIF, KALU, SGF, RNF, ARO, KEV, VRF, MSF, VAF.

ISCBJ 06 11:58:46.2, 0.9, 11.9N, 0.3, 44.1E, 0.1, h4km, mb3.6/5, Error ellipse: s-maj=51.7km s-min=10.2km az=164.6, IDIC 06 11:58:47.1, 1.1, 11.88N, 44.12E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/37, mbtmp3.6/5, Error ellipse: s-maj=65.0km s-min=20.7km az=168.0, ISC 06 11:58:47.6, 1.0, 11.9N, 0.4, 44.1E, 0.1, h4km, n6, s1978/7, mb3.8/5, Western Gulf of Aden

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATD, TORD, CMAR, WRA, ASAR.

IDC 06 11:59:20.4, 2.2, 11.98N, 44.21E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/38, mbtmp3.7/4, Error ellipse: s-maj=65.6km s-min=31.9km az=180.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATD, BRTR, TORD, CMAR, SONM.

MEX 06 12:00:12.6, 0.5, 16.36N, 98.03W, h5km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TLIG, TPIG, MEIG, ARIG.

ISN 06 12:18:06.0, 1.1, 11.77N, 41.81E, h0km, 19km, ISCBJ 06 12:18:15.7, 0.6, 11.94N, 10.44E, 0.07, h4km, mb3.9/12, MS3.8/13, Error ellipse: s-maj=15.4km s-min=7.8km az=149.8

IDC 06 12:18:16.5, 0.9, 11.87N, 43.99E, h0km, mb4.0/12, mb1 4.1/13, mb1mx3.9/35, mbtmp3.9/13, ML3.5/1, MS3.9/16, M1 3.9/16, ms1mx3.6/37, Error ellipse: s-maj=23.7km s-min=11.4km az=161.0

ISC 06 12:18:17.6, 0.7, 12.00N, 0.1, 44.05E, 0.08, h4km, n31, s1953/17, mb4.0/12, MS3.8/13, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATD, BRTR, FURI, KMBO, MBAR, NSR, EIL, BHD, MMLAI, IKRK, MSL, GEYT, BRTR, BRTR, LSZ, KBZ, MATP, AAK, AKASE, TORD, BOSA, GERES, GERES, MKAR, ESCD, FINES, ZALV, ZALV, ZALV, NOA, SONM, YAK, WRA, ASAR.

GUC 06 12:24:26.0, 0.6, 35.84S, 73.06W, h21km, 8km, ML3.9, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COCH, CCSP, CCHI, TALC, CHPI, NICH.

GUC 06 12:24:26.0, 0.6, 35.84S, 73.06W, h21km, 8km, ML3.9, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COCH, CCSP, CCHI, TALC, CHPI, NICH.

232

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDGK, KNDC, MK31, TKM2, TKM2, AAK, MNAS, MKURB, OTUK, KK31.

NNC 06 12:26:31.9, 0.8, 44.56N, 79.40E, h14km, 7km, mb3.8, mpv3.3, 9C-7D, Error ellipse: s-maj=5.5km s-min=2.4km az=85.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDGK, KNDC, MK31, TKM2, TKM2, AAK, MNAS, MKURB, OTUK, KK31.

ISCBJ 06 12:29:43.8, 0.8, 11.7N, 0.1, 44.09E, 0.07, h10km, mb3.9/10, MS3.3/4, Error ellipse: s-maj=21.8km s-min=8.8km az=167.1, IDIC 06 12:29:43.4, 1.0, 11.56N, 44.00E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.8/42, mbtmp3.9/10, MS3.5/6, M1 3.5/6, ms1mx3.0/43, Error ellipse: s-maj=30.5km s-min=15.3km az=175.0

ISC 06 12:29:45.4, 1.1, 11.36N, 0.2, 44.07E, 0.10, h10km, n21, s0666/11, mb3.9/10, MS3.3/4, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATD, KMBO, NSR, EIL, IBDR, BHD, MMLAI, IKRK, MSL, GEYT, BRTR, BRTR, LSZ, TORD, GERES, MKAR, ZALV, NOA, WRA, ASAR.

GUC 06 12:30:08.7, 0.6, 21.96S, 68.90W, h125km, 3km, ML3.6, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB09, PB07, PB06, PB10, PB11, PSCG.

IDC 06 12:37:13.1, 0.7, 52.03N, 169.54W, h0km, mb4.4/28, mb1 4.5/30, mb1mx4.4/55, mbtmp4.4/30, ML4.1, MS3.6/4, M1 3.6/4, ms1mx3.1/18, Error ellipse: s-maj=19.7km s-min=12.2km az=168.0

BUI 06 12:37:13.0, 52.04N, 169.70W, h10km, mb4.9/28, mb5.1/3, MS4.9/4, MS7 4.7/4, ISCBJ 06 12:37:16.8, 0.3, 52.06N, 169.59W, 0.04, h30km, mb4.6/65, MS3.7/6, Error ellipse: s-maj=7.1km s-min=2.7km az=159.2, NEIC 06 12:37:16.9, 51.99N, 169.44W, h23km, mb4.6/32, ML3.9(AIC), After AIC.

MOS 06 12:37:17.6, 1.1, 52.29N, 169.74W, h33km, mb5.0/23, Error ellipse: s-maj=10.8km s-min=7.0km az=95.5, ISC 06 12:37:18.0, 0.5, 52.81N, 168.82W, 0.04, h30km, n191, s1924/193, mb4.7/65, MS3.7/6, 12C-3D, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIKH, OKSO, OKCE, OKTU, OKRE, OKGF, NSOM, MSOD, MCIR, MSW, UNV.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like UNV, KOSE, KOPF, ATKA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like TUC, KSCO, ANMO, ECSD, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like LSA, LSHA, LSA, etc. Includes a large block of text at the bottom with call signs and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IRAM, BHD, IPIR, IZEF, IKLH, MMAI, etc.

ISCJB 06 12:55:03.04.0.5, 11:95N:0:08''44.10E:0:06, h4km, mb4.1/16, MS3.6/11, Error ellipse: s-maj=12.5km s-min=7.4km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, DAMY, FURI, KMBO, NSR, EIL, etc.

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

DJA 06 13:08:02.4.0.8, 9°S, -117°E, h24km, 7km, M4.1/7, MLv4.1/7, Umbra region

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

ISCJB 06 13:08:22.4.1.0, 11:81N:0:24''44.15E:0:08, h4km, mb3.8/6, MS3.2/2, Error ellipse: s-maj=25.3km s-min=6.6km az=157.5

ISCJB 06 13:08:22.9.1.6, 11:67N:44:10E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.6/49, mbtmp3.6/6, MS3.2/2, Ms1.3/3.2, ms1mx2.8/30, Error ellipse: s-maj=41.9km s-min=16.6km az=165.0

ARO 06 13:08:24.7.12, N:86.4, E:4.2, h15km, 99km, ML4.3, ISC 06 13:08:24.3.1.0, 11:81N:0:11''44.07E:0:08, h4km, n14, o:88R/15, mb4.0/10, Western Gulf of Aden

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

ISCJB 06 13:14:49.8.1.1, 47:05N:0:05:83E:0:1, h10km, mb3.8/1, Error ellipse: s-maj=11.1km s-min=5.6km az=27.0

ISCJB 06 13:14:51.3.1.8, 47:09N:83:79E, h0km, mb3.8/1, mb1.3/9.6, mb1mx3.4/55, mbtmp3.5/6, ML3.1/5, Error ellipse: s-maj=16.5km s-min=9.5km az=106.0

NNC 06 13:14:55.6.1.2, 47:00N:83:53E, h16km, 6km, mb4.0, mpv3.7, Error ellipse: s-maj=8.0km s-min=6.8km az=129.0

ISC 06 13:14:51.4.1.5, 47:01N:0:08:83E:0:09, h10km, n17, o:150Z/19, 6C-12D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31, MK31, MKAR, PDGK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BVAR, BVAR, AKTO, NB2, NOA.

ISCJB 06 13:15:32.0.0.7, 12:02N:0:14''44.05E:0:08, h4km, mb3.9/10, mb3.4/9, Error ellipse: s-maj=21.2km s-min=8.4km az=154.0

ISCJB 06 13:15:32.8.0.9, 11:92N:44:03E, h0km, mb3.9/10, mb1.4/0.0, mb1mx3.7/51, mbtmp3.9/10, MS3.5/11, Ms1.3.5/11, ms1mx3.2/38, Error ellipse: s-maj=28.1km s-min=15.2km az=160.0

ISC 06 13:15:33.4.0.9, 11:91N:0:24''44.03E:0:10, h4km, n20, o:88R/12, mb4.0/10, MS3.4/8, Western Gulf of Aden

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

ISCJB 06 13:16:00.8.1.5, 9:03S: 127:30E, h0km, mb3.7/3, mb1.4/0.7, mb1mx3.7/34, mbtmp3.8/7, ML3.7/4, MS2.9/1, Ms1.2.9/1, ms1mx2.3/7, Error ellipse: s-maj=34.9km s-min=24.1km az=74.0

ISCJB 06 13:16:03.5.0.8, 9:17S:0:07:127:39E:0:07, h33km, mb3.6/3, Error ellipse: s-maj=11.2km s-min=7.3km az=71.0

AUST 06 13:16:12.9.0.0, 9:64S: 127:00E, h39km, 1km, Error ellipse: s-maj=3.5km s-min=1.2km az=19.0

ISC 06 13:16:05.3.1.1, 9:15S:0:09:127:38E:0:10, h35km, n12, o:1949/14, mb3.8/3, Timor Sea

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

ISCJB 06 13:40:44.2.0.9, 11:81N:0:24''44.11E:0:08, h10km, mb3.8/8, MS3.2/10, Error ellipse: s-maj=25.9km s-min=8.6km az=161.4

ISCJB 06 13:40:44.1.1.2, 11:71N:44:06E, h0km, mb3.8/8, mb1.4/0.8, mb1mx3.7/32, mbtmp3.8/8, MS3.3/11, Ms1.3.7/11, ms1mx3.0/40, Error ellipse: s-maj=35.3km s-min=15.5km az=168.0

ISC 06 13:40:45.6.1.1, 11:71N:0:24''44.06E:0:09, h10km, n21, o:86G/10, mb3.9/8, MS3.1/10, Western Gulf of Aden

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Urumqi, Kurchatov Arra, Borovoye Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SVRH, KIZIT, Yozgat, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CALA, ROSA, ROSA, etc.

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

ISCJB 06 14:58:57.5, 0.8, 11.8N, 0.1:44.09E:0.07, h10km, mb3.7/10, MS3.4/5, Error ellipse: s-maj=21.7km s-min=8.7km az=163.3

ISC 06 14:58:57.2, 1.0, 11.76N, 44.05E, h0km, mb3.8/10, mb1.3/9.10, mb1mx3.7/43, mbtp3.7/10, MS3.5/6, MS1.3/4.6, ms1mx2.9/44, Error ellipse: s-maj=28.6km s-min=15.4km az=173.0

ISC 06 14:58:58.7, 1.0, 11.77N, 02:44.04E:0.09, h10km, n16, 1510/12, mb3.8/10, MS3.4/5, Western Gulf of Aden

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ATD, KMBD, GEYT, etc.

ISK 06 15:14:09.8, 39.88N, 33.07E, h3km, MD2.9
ISCJB 06 15:14:10.5, 0.6, 39.87N, 0:03.33:1.1E:0.04, h2km, 7km, Error ellipse: s-maj=5.0km s-min=4.8km az=12.4
DDA 06 15:14:10.1, 39.86N, 33.05E, h7km, MI3.2
CSEM 06 15:14:10.5, 0.1, 39.88N, 33.08E, h5km, MD2.9, Error ellipse: s-maj=2.8km s-min=2.5km az=78.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LOD, AFSR, AFAR, etc.

BYKL 06 15:26:18.9, 0.6, 52.26N, 97.94E
ISC 06 15:26:19.0, 0.6, 52.25N, 97.92E, h0km, mb3.7/14, mb1.3/9.21, mb1mx3.7/33, mbtp3.7/21, ML3.3/7, MS3.2/15, MS1.3/2.15, ms1mx3.0/42, Error ellipse: s-maj=16.8km s-min=8.4km az=8.0

ASRS 06 15:26:21.0, 1.6, 52.59N, 97.72E, h15km, Ms3.7/5
MOS 06 15:26:20.7, 1.5, 52.38N, 97.92E, h22km, mb4.3/8, Error ellipse: s-maj=9.6km s-min=7.1km az=23.9
BUJ 06 15:26:25.6, 52.10N, 97.33E, h15km, mb3.9/4, mb4.5/4, ML4.4/1, Ms4.0/2, Ms7.3/2

ISC 06 15:26:20.6, 0.4, 52.35N, 0:06.97, 85E:0.03, h10km, n99, 15161/99, mb3.8/16, MS3.1/11, 4C-4D, Tuva-Yarutia-Mongolia border region

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

ISC 06 15:14:10.7, 1.1, 39.89N, 0:03.33:08E:0.03, h7km, 10km, n29, 0952/39, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LOD, AFSR, AFAR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IRK, CERR, CERR, etc.

Table of station data for the 6d 16h section, including columns for station name, coordinates, and various parameters like SNR and frequency.

Main table of station data for the 2010 DEC section, including columns for station name, coordinates, and various parameters like SNR and frequency.

Table of station data for the 238 section, including columns for station name, coordinates, and various parameters like SNR and frequency.

ISCB 06 16:02:19.0-0.4, 33:61N, 131:87E, 0:03, h81km, 4km, mb3.5/3, Error ellipse: s-maj=5.8km s-min=4.4km az=21.9

JMA 06 16:02:19.3, 33:63N, 131:88E, h72km, 1km, M3.4 Broadband fault plane solution: P waves, NP1: e=233.00000, s=57.00000, r=99.00000, NP2: e=36.00000, s=84.00000, r=1.76.00000, Principal axes: T P1=76.00000, Szm1=170.00000, N P1=8.00000, Azm48.00000, P1=12.00000, Azm316.00000

JMA Felt 1/1, ISCB 06 16:02:19.0-0.9, 33:61N, 131:88E, 0:04, h74km, 7km, n48, e049/61, mb3.6/3, 4C-5D, Kyushu

Table of station data for the 238 section, including columns for station name, coordinates, and various parameters like SNR and frequency.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like PCPH Palayan, BALP Baler, SCZP Santa Cruz, etc.

NEIC 06 16:18:26.9.0.6 6.2'28S, 149.54'E, h35km, mb4.6/3, Error ellipse: s-maj=17.9km s-min=9.9km az=118.0

ISCJB 06 16:18:27.0.0.6 6.2'7S, 0.07'149.4E, 0.1, h49km, mb4.2/10, MS2.8/6, Error ellipse: s-maj=16.0km s-min=7.4km az=25.4

IDC 06 16:18:28.5.2.1, 6.34S, 149.55E, h53km, 19km, mb3.9/10, mb1.4/1.1, mb1mx3.8/42, mbtmp4.3/11, ML2.9/1, MS2.8/10, Ms1 2.8/7, ms1mx2.6/36, Error ellipse: s-maj=24.3km s-min=11.6km az=122.0

AUST 06 16:19:06.8.1.6 8.58S, 147.40E, h109km, Error ellipse: s-maj=2.9km s-min=1.5km az=260.0

ISC 06 16:18:28.6.0.7, 6.33S, 0.08'149.5E, 0.1, h49km, n31, r+161/31, mb4.2/10, MS2.8/6, New Britain region

Main table of station data for the left column, including stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table of station data for the middle column, including stations like BUM Brajici-Budva, BUM Brajici-Budva, BUM Brajici-Budva, etc.

IDC 06 16:45:22.4.2.5, 15.15S, 173.63W, h0km, mb3.8/4, mb1.4/2.5, mb1mx3.8/28, mbtmp3.9/5, ML4.7/1, MS3.6/3, Ms1 3.6/3, ms1mx2.9/27, Error ellipse: s-maj=149.9km s-min=21.5km az=149.0, Tonga Islands

Table of station data for the middle column, including stations like AFI Afiamalu, AFI Urewera, URZ Urewera, etc.

ISCJB 06 16:49:49.0.0.6 43.04N, 0.02'18.70E, 0.04, h3km, 6km, Error ellipse: s-maj=5.6km s-min=2.9km az=21.8

PDG 06 16:49:49.5.0.1, 43.02N, 18.71E, h9km, 1km, MD2.4/3, ML2.3/1.1, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

CSEM 06 16:49:49.3.0.2, 43.01N, 18.71E, h15km, ML2.3, Error ellipse: s-maj=5.6km s-min=2.8km az=105.0

BE0 06 16:49:50.1.0.4, 43.00N, 18.72E, h7km, 4km, ML2.1/8

ISC 06 16:49:49.5.0.9, 43.02N, 0.02'18.71E, 0.03, h10km, 7km, n44, c070/74, 8C-16D, Northwestern Balkan Peninsula

Main table of station data for the middle column, including stations like BRY Bratogost, UPM Unac-Piva, UPM Unac-Piva, etc.

Table of station data for the right column, including stations like ULC Ulcinj, ULC Ulcinj, ULC Ulcinj, etc.

NNC 06 17:15:50.1.1.3, 36.73N, 70.93E, h150km, 26km, mb2.8, mpv3.6, Error ellipse: s-maj=17.0km s-min=10.3km az=73.0

IDC 06 17:15:51.5.5.8, 36.81N, 70.86E, h154km, 30km, mb3.6/4, mb1.3/3.11, mb1mx3.0/65, mbtmp3.8/11, Error ellipse: s-maj=75.3km s-min=24.3km az=151.0

ISC 06 17:15:50.1.1.3, 36.73N, 70.93E, 0.1, h150km, n17, c054/22, mb4.0/4, 3C-5D, Hindu Kush region

Main table of station data for the right column, including stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, MNAS Manas, etc.

ISCJB 06 17:16:42.0.1.1, 51.60N, 0.05'16.03E, 0.06, h0km, Error ellipse: s-maj=7.0km s-min=4.3km az=26.2

CSEM 06 17:16:42.0.6.0.51, 6.13N, 16.03E, h2km, ML3.0/7, Error ellipse: s-maj=9.6km s-min=5.7km az=179.0

PRU 06 17:16:44.3.51, 59N, 16.05E, h0km

VE 06 17:16:47.5.0.4, 51.27N, 16.18E, h0km, mb2.5/2, ml2.2/4, Error ellipse: s-maj=2.6km s-min=2.2km az=97.0

Suspected Mining induced, ISC 06 17:16:44.0.1.5, 51.50N, 0.07'16.02E, 0.04, h0km, n22, c0896/47, 3C-1D, Poland

Main table of station data for the right column, including stations like KSP Ksiaz, KSP Upiace, UPC Upiace, etc.

mb1 4.5/12, mb1mx4.2/40, mbtmp4.3/12, ML3.7/1, MS3.6/15, Ms1 3.6/15, ms1mx3.4/26, Error ellipse: s-maj=75.7km s-min=23.9km az=142.0

NEIC 06 17:18:23.9.1.1, 21:155x174.09E, h10km, mb4.4/4, Error ellipse: s-maj=35.8km s-min=14.7km az=151.0

ISC 06 17:18:26.1.1.0, 21:1S.0.2x172.2E.0.1, h24km, n36, <176/23, mb4.4/13, MS3.6/11, Vanuatu Islands Region

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

ISC/JB 06 17:19:34.0.7.4, 9N.0.1x127.0E.0.2, h76km, mb3.7/9, Error ellipse: s-maj=31.4km s-min=7.7km az=143.7

IDC 06 17:19:38.4.3.8, 7.8N.127.05E, h101km, mb3.5/9, mb1 3.6/10, mb1mx3.4/54, mbtmp3.9/10, Error ellipse: s-maj=55.0km s-min=15.4km az=69.0

ISC 06 17:19:36.3.0.8, 4.3N.102.126.9E.0.2, h76km, n11, <152/12, mb3.9/9, IC, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Talaud Islands region.

PRU 06 17:20:38.7.1.51, 56N.16.11E, h0km CSEM 06 17:20:38.1.0.6, 51.56N.16.09E, h2km, ML2.7/4, Error ellipse: s-maj=8.2km s-min=5.3km az=7.0

ISC 06 17:20:37.8.1.9, 51.559N.0.09.16.09E.0.05, h0km, n16, <64/30, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Poland.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Poland (continued).

ISC/JB 06 17:26:05.9.0.4, 51.52N.0.02.16.11E.0.02, h0km, mb3.7/1, Error ellipse: s-maj=3.3km s-min=2.0km az=14.9

IPEC 06 17:26:06.7.0.3, 51.61N.16.20E, h0km, ML3.0/3, Error ellipse: s-maj=3.3km s-min=1.7km az=66.0

CSEM 06 17:26:07.6.0.2, 51.53N.16.09E, h2km, ML3.8/11, Error ellipse: s-maj=3.9km s-min=2.3km az=13.0

IDC 06 17:26:08.7.0.7, 51.47N.16.01E, h0km, mb3.6/1, mb1 3.7/8, mb1mx3.4/53, mbtmp3.6/8, ML3.1/7, MS2.9/1, Ms1 2.8/1, ms1mx2.1/36, Error ellipse: s-maj=1.16km s-min=7.5km az=112.0

BGR 06 17:26:09.6.0.3, 51.45N.16.06E, h1km, ML3.4/17, Error ellipse: s-maj=5.6km s-min=2.2km az=16.0

VIE 06 17:26:11.4.0.4, 51.24N.16.11E, h0km, mb2.9/6, m3.2/6, Error ellipse: s-maj=2.7km s-min=2.4km az=159.0

Suspected Mining Induced. ISC 06 17:26:16.6.0.7, 51.556N.0.03.16.12E.0.02, h0km, n84, <190/15, 4C-12D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Poland (continued).

DDA 06 17:45:57.3.7, 46N.35.90E, h7km, Md2.5

ISC/JB 06 17:45:58.0.1.2, 37.4N.0.1x35.84E.0.05, h22km, 10km, Error ellipse: s-maj=20.7km s-min=7.0km az=0.8

ISC 06 17:45:58.0.1.2, 37.5N.0.1x35.88E.0.04, h18km, 3km, n6, <64/41, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Turkey.

MEX 06 18:35:40.7.0.2, 18.49N.103.67W, h9km, MD3.5, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Mexico.

IDC 06 18:42:29.3.61.0, 22.43S.177.65W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/38, mbtmp3.6/8, Error ellipse: s-maj=1123.0km s-min=165.5km az=86.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Fiji Islands.

IDC 06 18:43:59.1.1.9, 52.03N.169.52W, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.4/61, mbtmp3.6/6, ML3.3/1, Error ellipse: s-maj=51.3km s-min=26.6km az=153.0

ISC/JB 06 18:44:02.4.1.5, 51.9N.0.1x169.5W.0.2, h40km, 11km, mb3.6/5, Error ellipse: s-maj=24.7km s-min=9.1km az=145.0

NEIC 06 18:44:02.6.1.5, 50N.169.44W, h34km, ML2.8(AEIC), After

ISC 06 18:44:03.3.3.6, 52.0N.0.2x169.6W.0.1, h29km, 22km, n20, <68/22, mb3.6/5, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Fox Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for various regions including Moltenice, Wetzell, Liptovska Anna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Turkey (continued).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Mexico (continued).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Fiji Islands (continued).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Fox Islands (continued).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for various regions including Nikh, Okmok, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, BVAR Borovoye Array, FINES FINES Array B, ASAR Alice Springs.

BUI 06 18:53:44.8, 11:82S; 107:18E, h20km, mb4.7/25, mB5.0/16, M5.0/1

ISCJB 06 18:53:49.6, 0.1, 10:84S; 0:04, 107:47E; 0:03, h10km, mb4.5/32, MS3.4/9, Error ellipse: s-maj=6.5km

s-min=4.2km az=19.0

IDC 06 18:53:50.0, 1.0, 10:80S; 107:48E, h0km, mb4.2/14, mb1.4/17, mb1mx4.2/42, mbtmp4.3/17, ML4.4/3, MS3.4/13, M1.3/4/13, ms1mx3.2/33, Error ellipse: s-maj=36.7km

s-min=14.3km az=43.0

NEIC 06 18:53:51.3, 0.5, 10:88S; 107:42E, h10km, mb4.8/10, Error ellipse: s-maj=12.5km s-min=7.1km az=20.0

MOS 06 18:53:52.2, 1.4, 10:92S; 107:42E, h33km, mb5.2/11, Error ellipse: s-maj=16.1km s-min=9.2km az=116.6

AUST 06 18:53:54.7, 10:84S; 107:29E, h30km, mb4.5/21, MS3.4/9, Error ellipse: s-maj=12.5km s-min=7.1km az=20.0

DJA 06 18:53:56.0, 0.3, 11:53.0; 107:7E, h74km, 12km, M5.2/23, mb5.2/16, mB9.9, MLV3.9/14, Mw(m)B1.5/12

ISC 06 18:53:51.5, 0.5, 10:79S; 107:46E; 0:05, h10km, n131, r160/123, mb4.6/32, MS3.4/9, 1C-14D, South of Jawa

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Christmas Isla, Christmas Isla, XMIS Christmas Isla, CISI Cismopet, Garu, CISI Cismopet, Garu, CUNJ Cibinong, SKJ Sukabumi, LEM Lembang, LEM Lembang, UGM Uluwatu, UGM Uluwatu, PCJ Pacitan, CGJ Cibinong, WOJ Wonorejo, SBJ Serang, SBJ Pagerwojo, PWJ Pagerwojo, NGJ Ngawi, UWJ Ujung Watu, TBJ Tambak Boyo, KWI Kota Agung, LASI Liwa, BLJ Banyuglugur, JAGI Jagaj, MDSI Maura Dua, ABJI Asem Bagus, MNAI Manna, IGBI Denpasar, DNP Denpasar, LHS Lahat, KSH Kapaliang, PBKI Pangkalan Bun, TWSI Taliwang, Sumb, COCO West Island, GIRL Giriala, KAPI Kappang, BKS Butukumba, TTSI Tana Toraja, MMRI Maumere, MMRI Maumere, BATI Baumata, BATI Baumata, PSI Prapra, PSI Prapra, IPM Iph, SOEI Soe, SOEI Soe, TPTI TPTI, MRSI Marisa, MEEK Meekatharra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, GTOI Gorontalo, TRTT Trang, SANI Sanana, KNRA Kunurra, LBTI Labuha, LNTI Ternate, WRKA Warakurna, WRA Warrungarra, ASAR Alice Springs, ASAR Alice Springs.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like UTTA Utatarid, CMAR Chiang Mai Arr, CMAR Stephens Creek, CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, STKA Stephens Creek, STKA Stephens Creek, WTKN Wuhan, ODAN Odare, TAPN Taplejung, RAMM Ramite, LSA Lhasa, LSA Lhasa, LSA Lhasa, LSA Lhasa, PKI Pulchoki, PKIN Phulchoki, GUN Gumba, DMN Daman, KKN Kakani, GUMO Guam, GKN Gorkha, XAN Xi'an, XAN Xi'an, XAN Xi'an, KOLN Koldanda, DANN Dangding, GTA Gaotai, GTA Gaotai, MJAR Matsushiro Arr, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, SONM Sonm, SONM Sonm, ULN Ulanbaatar, ULN Ulanbaatar, USRK Ussuriysk Arr, EKSE Erkin-Say, EKSE Erkin-Say, MKAR Makanchi Array, MKAR Makanchi Array, KLR Kut'dud, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, KURK Kurchatov, KURK Kurchatov, GEYT Geysir, GEYT Geysir, ZALV Zaleskiy Beam, RAYN Ar Rayn, KMBO Kilima Mbogo, BVAR Borovoye Array, BRVK Borovoye, ABKAR Akbulak array, YAK Yakutsk, YAK Yakutsk, BOSA Boshof, BOSA Boshof, ARU Aru, ARU Aru, ARU Aru, KBZ Khabaz, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, VRH Novokhopovsk, VRH Novokhopovsk, VRH Novokhopovsk, VRH Novokhopovsk, BRTR Keskin Arr, VSR Storozhevo, VSR Storozhevo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VSR, OBN Obninsk, OBN Obninsk, KLMR Klimovskoe, KLMR Klimovskoe, YKA Yellowknife Arr, TXAR Lajitas Array, JCT Junction City, JCT Junction City, DJA 06 19:02:27.8, 0.6, 1'S; 2'12.7E, h12km, 5km, M4.2/14, mb4.5/6, mB5.1/3, MLV3.9/14, Mw(m)B1.5/12, ISCJB 06 19:02:28.1, 0.5, 1.19S; 0:04, 127:01E; 0:04, h50km, 9km, mb3.6/4, MS3.7/1, Error ellipse: s-maj=7.1km s-min=6.2km az=168.4, IDC 06 19:02:30.2, 2.2, 1.33S; 127:03E, h54km, 25km, mb3.3/4, mb1.3/6.7, mb1mx3.4/37, mbtmp3.3/17, ML3.7/3, MS3.7/1, M1.3/7/1, ms1mx2.5/19, Error ellipse: s-maj=19.2km s-min=13.9km az=162.0, ISC 06 19:02:29.4, 1.1, 1.21S; 0:04, 127:10E; 0:05, h44km, 14km, n19, r187/23, mb3.6/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LBMI Labuha, LBMI Labuha, SANI Sanana, SANI Sanana, TINTI Ternate, TINTI Ternate, NLAI Namlea, NLAI Namlea, MSAI Masohi, MSAI Masohi, SIJI Sorong, SIJI Sorong, MRSI Marisa, MRSI Marisa, APSI Ampang, APSI Ampang, PCI Palu, PCI Palu, TTSI Tana Toraja, TTSI Tana Toraja, SPSI Sidrap Palu, SPSI Sidrap Palu, BKSI Bulukumba, BKSI Bulukumba, KAPI Kappang, KAPI Kappang, WRA Warrungarra Arr, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, JHJ Hachiojima 2, JHJ Hachiojima 2, SONM Songoing Arr, SONM Songoing Arr, MKAR Makanchi Array, MKAR Makanchi Array.

DJA 06 19:06:53.8, 0.4, 7'S; 4:10'E, h10km, M3.7/10, MLV3.7/10, Jawa

ISK 06 19:12:26.9, 39:65N; 38:23E, h4km, MD2.7, DDA 06 19:12:27.4, 39:59N; 38:24E, h7km, MD2.8, CSEM 06 19:12:27.5, 0.3, 39:61N; 38:23E, h5km, MD2.7, Error ellipse: s-maj=6.7km s-min=5.3km az=61.0, ISCJB 06 19:12:28.0, 0.6, 39:62N; 0:03, 38:23E; 0:04, h12km, 5km, Error ellipse: s-maj=6.1km s-min=4.2km az=136.9, ISC 06 19:12:28.0, 1.0, 39:61N; 0:03, 38:23E; 0:03, h15km, 6km, n23, r090/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CGJ Cibinong, CGJ Cibinong, SKJ Sukabumi, SKJ Sukabumi, Serang, Serang, CNJ Cibinong, CNJ Cibinong, CBJ Citeko, CBJ Citeko, LEM Lembang, LEM Lembang, KASI Kota Agung, KASI Kota Agung, CISI Cismopet, Garu, CISI Cismopet, Garu, LWLI Liwa, LWLI Liwa, MDSI Maura Dua, MDSI Maura Dua, ILIC ilic-Erzincan, ILIC ilic-Erzincan, ILIC ilic-Erzincan, CUZAR ZARA_SIVAS, CUZAR ZARA_SIVAS, REFA Refahiye_ERZ, REFA Refahiye_ERZ, REFA Refahiye_ERZ, SUSE Susehri, SUSE Susehri, SUSE Susehri, SUSE Susehri, KELT Kelkit, KELT Kelkit, KELT Kelkit, SVSK Karacayir, SVSK Karacayir, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, ERZIN Erzincan, ERZIN Erzincan, PTK Pertek, PTK Pertek, ELZG Elazig, ELZG Elazig, ELZG Elazig, MALT Malatya, MALT Malatya, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri.

NIED 06 19:16:00.41, 50N; 142:10'E, h47km, Mw3.9, Best double couple: M8.90000; 1014 NP1; 197.00000; 8.1200000; 1.83.00000; NP2; 24.00000; 371.00000; 1.92.00000; ISCJB 06 19:16:55.6, 0.4, 41:54N; 0:03, 142:12E; 0:06, h59km, mb4.0/17, MS2.9/2, Error ellipse: s-maj=7.0km s-min=4.3km az=26.8, JMA 06 19:16:56.0, 0.1, 41:55N; 142:08E, h63km, 3km, M3.7, Broadband fault plane solution: P waves: NP1: 197.00000; 8.1200000; 1.83.00000; NP2: 24.00000; 371.00000; 1.92.00000; NP3: 131.00000; 311.00000; 1.21.00000; Principal axes: T P1g48.00000; Azm301.00000; N P1g11.00000;

Azm199.0000°; P Plg40.0000°; Azm100.0000°; JMA Felt J1, IDC 06 19:16:58.5-1.6, 41.59N-142.12E, h75km, 13km, mb3.7/17, mb1 3.8/22, mb1mx3.7/46, mbtmp4.0/22, MS2.6/6, Ms1 2.9/6, ms1mx2.7/34, Error ellipse: s-maj=17.5km s-min=10.3km az=120.0

ISC 06 19:16:56.8-0.6, 41.55N-142.04E, h105km, n44, c087/40, mb4.0/17, 3C-7D, Hokkaido region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters for the 6d 20h period.

PGC 06 19:18:12.1-3.9, 58.58N-137.23W, h1km, ML3.8/5, 132km Wsw of Haines, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the PGC event.

IDC 06 19:18:35.9-0.9, 58.59N-137.28W, h0km, mb3.6/8, mb1 3.8/13, mb1mx3.8/43, mbtmp3.6/13, ML3.2/5.3, Ms1.7, s-maj=8.2km az=23.0

PGC 06 19:18:36.8-1.9, 58.58N-137.31W, h1km, ML3.9/12, 133km Wsw of Haines, Ak Southeastern Alaska

NEIC 06 19:18:37.4, 58.58N-137.23W, h13km, ML3.7(AEIC), ML3.9(OTT), After AEIC.

ISC 06 19:18:36.3-1.6, 58.61N-137.32W, h0.03km, h3km, n10km, n85, c1909/94, mb3.8/8, MS3.0/4, Southeastern Alaska

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC event.

BAGL Bagley Icefield 3.07 310 P Pn 19 19 27.0 +1.3 BARK Barkley Ridge 1.9 306 P Pn 19 19 28.5 +1.0 KULT Kullteth River 3.21 303 P Pn 19 19 28.1 +0.3 ISLE Juniper Island 3.24 310 P Pn 19 19 29.4 +1.2 BARN Barnard Glacier 3.29 320 P Pn 19 19 29.5 +0.5

GRIN Grindle Hills 3.49 301 P Pn 19 19 32.8 +1.2 BALM Baldy 3.51 316 P Pn 19 19 31.8 -0.1 BALM Baldy 3.51 316 P Pn 19 19 32.5 +0.5 KHIT Khitsoe Hills 3.54 304 P Pn 19 19 33.5 +1.3 MOOSE Moose Creek 3.54 335 P Pn 19 19 35.1 +1.1

DLBC 14nm, 0.3s, baz=341, slow=26, SNR=6.0 Lg Sn 19 20 21.6 -0.1 DLBC 38nm, 0.3s, baz=182, slow=16, SNR=10.0 Lg Sn 19 20 35.3 DLBC Dease Lake 3.83 90 P Pn 19 19 36.4 +0.2

DLBC Dease Lake 3.83 90 P Pn 19 19 36.4 +0.2 DLBC Dease Lake 3.83 90 P Pn 19 19 36.4 +0.2 YUK1 Sand Pete Hill 3.89 337 P Pn 19 19 37.6 +0.4

RCO1 Rabbit Creek A 6.73 297 ePn Pn 19 19 15.9 0.0 BRLK Bradley Lake 7.07 285 P Pn 19 20 20.3 -0.3 MCK McKinley 7.60 317 ePn Pn 19 20 29.9 +0.2

ILAR Eielson Array 7.67 328 Pn Pn 19 20 28.9 +0.1 ILAR 0.1nm, 0.3s, baz=150, slow=12, SNR=16 Sn 19 21 54.7 -1.4 ILAR 0.1nm, 0.3s, baz=147, slow=19, SNR=4.1 Lg Lg 19 22 40.4

TRF Thorofore Moun 7.94 313 P Pn 19 20 33.9 +1.2 KODK Kodiak Island 8.11 271 Pn Pn 19 20 34.2 -0.6 KODK Kodiak Island 8.11 271 Pn Sn 19 22 00.9 -6.0

INX 9.88 8 Pn Pn 19 21 01.1 +2.1 INK 0.2nm, 0.3s, baz=268, slow=18, SNR=3.5 Lg Lg 19 23 48.5 INK 0.2nm, 0.3s, baz=274, slow=18, SNR=3.5 Lg Lg 19 25 17.2

RES Resolute Bay 22.46 28 Lg Lg 19 33 16.9 PDAR Pinedale Array 23.43 120 P P 19 23 47.0 +0.3 NVAR Mina Array Bea 23.64 140 P P 19 23 49.9 +1.0

ULM Lac du Bonnet 25.15 91 Lg Lg 19 34 19.1 H1N2 Wake Island Hy 55.72 251 T T 20 27 37.2 H1N3 Wake Island Hy 55.73 250 T T 20 27 37.6

H1N1 Wake Island Hy 55.74 251 T T 20 27 38.5 H1S1 Wake Island Hy 56.86 250 T T 20 29 02.8 H1S2 Wake Island Hy 56.87 250 T T 20 29 14.2

H1S3 Wake Island Hy 56.88 250 T T 20 29 04.8 SONM Songoing Array 61.74 317 P P 19 28 55.8 0.0 ZALV Zalesovo Beam 67.5 334 P P 19 29 02.2 -0.1 MKAR Makanchi Array 70.00 332 P P 19 29 48.9 0.0

ARTV Artvin 1.56 275 iP Pn 19 39 56.3 +0.4 ARTV 1.56 275 iS Sn 19 40 16.5 +0.1 DAGI Agillar 1.57 271 P Pn 19 39 56.2 +0.2 DAGI 1.57 271 S Pn 19 40 17.5 +0.5 ONI Oni 1.58 345 P Pn 19 39 58.0 +0.6 ONI 1.58 345 S Pn 19 40 18.8 +0.1

WEL 06 19:50:31.4-0.2, 36.36S-176.49E, h212km, 3km, ML3.8/15, 2D Error ellipse: s-maj=3km s-min=4.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the WEL event.

MEX 06 20:02:50.3-0.4, 16.39N-99.41W, h10km, 22km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

IDC 06 20:11:47.9-1.7, 0.2242S-175.16W, h0km, mb4.1/5, mb1 4.2/5, mb1mx3.9/30, mbtmp4.1/5, Error ellipse: s-maj=330.2km s-min=138.2km az=83.0, Tonga Islands region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

DDA 06 20:11:47.9-37.52N-38.76E, h13km, Md3.1, ISK 06 20:11:47.4, 37.55N-38.80E, h5km, MD2.9, NSCC 06 20:11:47.6-2.2, 36.30N-37.84E, h184km, 20km, ML2.5, CSEM 06 20:11:47.8-0.2, 37.55N-38.84E, h2km, MD2.9, Error ellipse: s-maj=4.8km s-min=3.8km az=101.0

ISC 06 20:11:47.0-9.37, 53N-02.38E, h0.02km, h10km, 7km, n52, c087/78, Turkey

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC event.

comp=E, 111nm, 0.4s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLMH, KMRS, HCB, KUZU, AYKD, MARD, ALMNKUR, etc.

IDC 06 20:30:13.15.0.29,495x178.11W,10km,mb3.7/2, mb1 4.0/2,mb1mx3.6/27,mbtbp3.7/2,Error ellipse: s-maj=234.5km s-min=78.0km az=165.0, Kermadec Islands

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

ISCJB 06 20:31:38.2.0.4,28.12N,0.05:66.53E,0.04,h10km, mb4.0/24,MS3.4/16,Error ellipse: s-maj=7.3km s-min=4.8km az=174.4

IDC 06 20:31:39.0.0.8,28.15N,66.38E,h0km,mb3.9/20, mb1 4.1/22,mb1mx3.9/51,mbtbp3.9/22,ML3.5/2,MS3.5/18, Ms1 3.5/18,ms1mx2.4/6,Error ellipse: s-maj=18.7km s-min=13.0km az=70.0

NEIC 06 20:31:40.0.0.6,28.23N,66.39E,h10km,mb4.0/7,Error ellipse: s-maj=10.9km s-min=8.8km az=18.0

ISC 06 20:31:40.2.0.6,28.15N,0.08:66.44E,0.05,h10km,n57, o154/54,mb4.1/24,MS3.5/16,4C-2D,Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THW, SARP, CEP, CHCP, SMLA, ASHO, GEYT, KOLN, DANN, KKRAR, EKS2, AAK, GKN, DMN, KKN, PKI, GUN, RAMN, ODAN, TAPN, RAYN, ABKAR, LSA, MKAR, AKTO, AKTO, KURBB, KURK, KBZ, PALK, BVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRVK, AIL, EDL, ARU, ZALV, ZMAR, CMAR, AKASG, SONM, SONM, ULN, FINES, FINES, GERES, ARCES, ARCES, KEST, NOA, NOARSAR, NOA, KSAR, KRSR, YAK, KLR, TORD, MA2, WRA, WRA, ASAR, ILAR, YKA, etc.

MAN 06 20:39:35,17.12N,119.60E,h14km,mb5.0,ML3.9,MS4.1, 1C,Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOLD, ABRA, ABRA, BCPH, BCPH, CONNER, CAUP, BALP, etc.

ATH 06 21:09:33.4,40.23N,19.89E,h9km,1km,MD3.2/12 TIR 06 21:09:35.4,1.8,39.99N,19.77E,h14km,ML2.7 CSEM 06 21:09:36.0,4.0,11N,20.03E,h2km,MD3.2,Error ellipse: s-maj=10.0km s-min=5.0km az=97.0

ISC 06 21:09:37.0.1.2,40.07N,0.03:20.03E,0.04,h6km,11km, n36,+136/47,Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEK, KEK, KEK, SGD, SGD, SGT, IGT, IGT, JAN, JAN, NEST, OHR, OHR, OHR, DSI, DSI, DSI, FNA, FNA, TIR, TIR, TIR, KZN, KZN, THL, THL, THL, PDD, PDD, EVR, EVR, LIT, LIT, MAK, MAK, VLS, VLS, GRG, GRG, AGG, AGG, KNT, KNT, DRO, DRO, etc.

AUST 06 21:13:16.9,17.67S,179.93E,h600km IDC 06 21:13:19.3,30.0,17.46S,179.42E,h594km,229km, mb3.6/8,mb1 3.7/6,mb1mx3.2/34,mbtbp4.6/6,Error ellipse: s-maj=312.0km s-min=61.9km az=82.2

ISC 06 21:13:19.7,17.85S,0.4:179.80W,0.3,h600km,n23, o452/22,mb4.2/6,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EIDS, ARMA, RMQ, MGCD, CTAO, MTSU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMSA, QLP, COEN, STKA, STKA, BBOO, WRA, ASAR, KDU, MNTN, WRKA, KNRA, SIJI, FITZ, FITZ, MEEK, UGM, etc.

ISCJB 06 21:13:15.5,1.2,5:87S,0.10:146.3E,0.2,h52km,mb3.5/4, Error ellipse: s-maj=24.3km s-min=11.3km az=159.2, IDC 06 21:13:20.6,5.1,6:05S,146.40E,h95km,54km,mb3.2/4, mb1mx3.4/6,mb1mx3.2/31,mbtbp3.5/6,MS2.9/1,Ms1 2.9/1, ms1mx2.4/12,Error ellipse: s-maj=44.0km s-min=28.9km az=146.0

ISC 06 21:13:16.7,1.3,5:95S,0.1:146.3E,0.2,h52km,n8,+f109/8, mb3.7/4,Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, PMG, HNR, WRA, ASAR, FITZ, CMAR, ILAR, TORD, etc.

IDC 06 21:22:52.0,1.9,0:50N,125.88E,h0km,mb3.3/3, mb1 3.5/3,mb1mx3.3/27,mbtbp3.3/3,Error ellipse: s-maj=185.5km s-min=25.1km az=65.0,Northern Molucca Sea

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

NEIC 06 21:24:17.3,2.6,23:71S,179.37W,h476km,21km, mb4.8/24,1,Error ellipse: s-maj=33.2km s-min=11.3km az=53.0

AUST 06 21:24:20.2,2.9,23:67S,178.20W,h633km,Error ellipse: s-maj=3.8km s-min=1.9km az=36.0

ISCJB 06 21:24:22.8,0.4,23.88S,0.05:179.87W,0.07,h518km, mb4.3/28,Error ellipse: s-maj=8.4km s-min=6.9km az=27.1

IDC 06 21:24:22.5,1.2,23:97S,179.80W,h500km,12km, mb3.6/13,mb1 3.9/16,mb1mx3.7/24,mbtbp4.5/16,Error ellipse: s-maj=17.6km s-min=14.0km az=146.0

ISC 06 21:24:23.0,0.5,23:90S,0.07:179.87W,0.08,h518km, n69,+f197/16,mb4.5/28,1D,South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO, AFI, AFI, DZM, URZ, URZ, URZ, BFZ, THZ, KHZ, LTZ, ARMA, EIDS, EIDS, CTAO, QLP, MTSU, PMG, PMG, STKA, COEN, COEN, BBOO, ASO1, ASAR, ASAR, WRA, WRA, etc.

Table with columns: DID, Didima, Azim, Azim, Pn, Pn, 00 04 57.5 +0.1, 00 05 04.3 0.0, 00 05 04.3 0.0

NIED 07 00:36:00, 32° 60'N, 132° 10'E, h38km, Mw4.2 Best double couple: M2, 39000, 1015, NP1, 220, 0000, 343, 00000, 1, 48, 00000, NP2, 348, 00000, 360, 0000, 1, 122, 00000

ISCJB 07 00:36:44.1-0.4, 32° 46'N, 132° 00'E, 0.04, h29km, mb4.2/20, MS3.2/10, Error ellipse: s-maj=5.5km s-min=5.1km az=143.0

WRA Warramunga Arr 14.03 136 P Op ISC h m s ISC 0.2mm, 0.3s, baz=314, slow=13, SNR=11

ASAR Alice Springs 16.57 147 Pn Pn 01 01 18.3 +0.2

MKAR Makanchi Arr 67.53 30 P P 01 08 23.1 0.0

JMA 07 00:36:47.6, 32° 62'N, 132° 06'E, h35km, 1km, M4.1 Broadband fault plane solution: P waves, NP1: 337, 00000, 81, 00000, 1, 114, 00000, NP2: 229, 00000, 325, 00000, 1, 21, 00000, Principal axes: T P1g32.0000, Azim87.0000, N P1g24.0000, Azm341.0000, P P1g48.0000, Azm222.0000, JMA Felt III J1

NEIC 07 00:36:48.5, 1.1, 32° 65'N, 132° 07'E, h58km, 12km, mb4.1/7 Error ellipse: s-maj=13.9km s-min=10.0km az=213.0

ISC 07 00:36:46.6, 0.5, 32.59N, 132.03E, 0.03, h29km, n57, r1930/51, mb4.1/20, MS3.1/10, 7C-2D, Shikoku

Main table listing station names, coordinates, and seismic data for stations like Kitakata, Usuki, Tsuno, etc.

Table with columns: NVAR, Mina Array Bea, 83.76 48 P P, 00 49 12.4 -1.0, 0.4mm, 0.8s, baz=279, slow=12, SNR=3.0

IDC 07 00:57:24.2, 2.2, 9.91S, 124° 12'E, h0km, Mb3.3/1, mb1 3.5/3, mb1mx3.3/26, mbtmp3.3/3, ML3.3/4.2, Error ellipse: s-maj=264.6km s-min=32.2km az=55.0, Timor region

WRA Warramunga Arr 14.03 136 P Op ISC h m s ISC 0.2mm, 0.3s, baz=314, slow=13, SNR=11

ASAR Alice Springs 16.57 147 Pn Pn 01 01 18.3 +0.2

MKAR Makanchi Arr 67.53 30 P P 01 08 23.1 0.0

IDC 07 01:14:30.9, 0.8, 13.94N, 145° 04'E, h139km, 5km, mb3.1/4, mb1 3.4/4, mb1mx3.0/38, mbtmp3.5/4, MS2.9/1, Ms1 2.9/1, ms1mx2.2/12, Error ellipse: s-maj=110.4km s-min=20.6km az=113.0, Mariana Islands

GUMO Guam 0.39 205 Op P ISC h m s ISC 0.3mm, 0.3s, baz=326, slow=9.6, SNR=25

H1S3 WAKE ISLAND Hy 21.27 75 T T 01 41 24.9

H1S2 WAKE ISLAND Hy 21.29 75 T T 01 41 25.2

H1N1 WAKE ISLAND Hy 21.68 72 T T 01 42 30.7

H1N2 WAKE ISLAND Hy 21.69 72 T T 01 42 32.3

H1N3 WAKE ISLAND Hy 21.70 72 T T 01 42 33.4

WRA Warramunga Arr 35.28 198 P 01 21 11.7 -0.8

ASAR Alice Springs 38.93 196 P P 01 21 43.7 +0.3

ILAR Eileison Arr 68.18 25 P P 01 25 14.9 -1.0

NVAR Mina Array Bea 66.58 51 P P 01 26 59.1 +0.1

TORD Torii A. Bea 134.80 305 PKP PKPdf 01 33 35.6 +1.4

ISK 07 01:18:34.6, 39° 97'N, 26° 84'E, h3km, MD2.9 DDA 07 01:18:34.9, 39° 95'N, 26° 90'E, h7km, MD2.9 CSEM 07 01:18:35.0, 1.1, 39° 97'N, 26° 85'E, h2km, MD2.9, Error ellipse: s-maj=2.4km s-min=1.8km az=97.0

ISC 07 01:18:35.2, 1.2, 39.95N, 102° 26.87E, 0.02, h2km, 13km, n51, r0953/66, Turkey

GELI Tayfur-Gelibol 0.54 326 Op P ISC h m s ISC 0.2mm, 0.5s, baz=348, slow=3.5, SNR=3.0

GELI Tayfur-Gelibol 0.54 326 Op P ISC h m s ISC 0.1mm, 0.3s, baz=17, slow=13, SNR=4.3

BALY Balya 0.61 110 P P 01 18 54.6 -0.3

BALY Balya 0.61 110 P P 01 18 47.0 +0.1

BALY Balya 0.61 110 P P 01 18 47.6 -0.3

GONE Gonen-Balikesi 0.63 81 Op P ISC h m s ISC 0.1mm, 0.5s, baz=350, slow=8.6, SNR=3.8

GONE Gonen-Balikesi 0.63 81 Op P ISC h m s ISC 0.1mm, 0.5s, baz=350, slow=8.6, SNR=3.8

BOZC Bozcaada 0.64 260 P S P 01 18 57.2 -1.2

AYVA Ayvalik 0.66 192 P S P 01 18 47.6 -0.2

AYVA Ayvalik 0.66 192 P S P 01 18 56.7 +0.3

ERIK Eriki-Kesan 0.77 339 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

ERIK Eriki-Kesan 0.77 339 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

RKY Sarkoy-Tekirda 0.77 18 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

RKY Sarkoy-Tekirda 0.77 18 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

SART Tekirdag 0.77 18 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

SART Tekirdag 0.77 18 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

BALB Balikesir 0.84 112 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

BALB Balikesir 0.84 112 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

MRMT Marmara Adasi 0.85 40 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

MRMT Marmara Adasi 0.85 40 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

EDC Edincik 0.85 62 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

EDC Edincik 0.85 62 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

DKL Dikili 0.88 178 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

DKL Dikili 0.88 178 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

DKL Dikili 0.88 178 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

SIGR SIGRI 1.08 227 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

SIGR SIGRI 1.08 227 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

SIGR SIGRI 1.08 227 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

ALN Alexandroupoli 1.13 326 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

ALN Alexandroupoli 1.13 326 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

CRLT Corlu 1.35 29 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

CRLT Corlu 1.35 29 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

BLCB Balçova 1.57 175 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

BLCB Balçova 1.57 175 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

MDNY Mudanya-Bursa 1.60 74 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

MDNY Mudanya-Bursa 1.60 74 Op P ISC h m s ISC 0.1mm, 0.6s, baz=304, slow=5.4, SNR=16

Main table listing station names, coordinates, and seismic data for stations like Ishigaki jima, Iriomote-Funau, Kuro-shima, etc.

ISCJB 07 01:23:19.6, 0.6, 37° 93'N, 103° 29.46E, 0.04, h3km, 8km, Error ellipse: s-maj=6.0km s-min=4.6km az=164.6

ISC 07 01:23:19.2, 37.94N, 29.42E, h9km, MD2.8 DDA 07 01:23:19.3, 37.91N, 29.46E, h7km, MD2.8 CSEM 07 01:23:19.4, 0.2, 37.92N, 29.46E, h12km, MD2.7, Error ellipse: s-maj=5.1km s-min=3.3km az=96.0

7d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KJB Kayabe, JOSH Okushiri-Mats, YJG Yagishiri, etc.

IDC 07 01:29:25.2-1.9, 5.52N-126.17E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/36, mbtmp3.7/4, Error ellipse: s-maj=190.2km s-min=25.6km az=66.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, MKAR Makanchi Array, etc.

IDC 07 01:53:06.5-6.8, 6.27N-92.96E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/46, mbtmp3.4/4, Error ellipse: s-maj=336.6km s-min=24.4km az=58.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

CASC 07 01:53:51.4-2.8, 8.24N-82.97W, h6km, 12km, MD3.0, 2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRU2 Volcan, CTRC Cotoan, etc.

MEX 07 01:56:36.1-0.6, 25.41N-109.48W, h7km, 23km, MD3.9, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SLBS Sierra La Lagu, HP1G, etc.

IDC 07 02:12:55.3-7.0, 0.141S-132.96E, h0km, mb4.2/2, mb1 4.1/4, mb1mx3.7/30, mbtmp3.9/4, ML3.7/2, Error ellipse: s-maj=109.3km s-min=26.2km az=15.0

DJA 07 02:13:00.4-0.6, 0.7S-13.3E, h10km, M4.2/8, mb4.5/4, ML4.0/8

ISC 07 02:13:00.8-1.6, 0.45S-11.132.76E, h0.06, h32km, n17, r152/17, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SIJI Sorong, SWI Sorong, etc.

IDC 07 02:26:34.5-5.1, 2.67S-102.51E, h0km, mb3.7/4,

2010 DEC

mb1 3.8/4, mb1mx3.4/38, mbtmp3.7/4, Error ellipse: s-maj=273.5km s-min=23.1km az=53.0, ISCBJ 07 02:26:40.2-0.6, 3.30S-101.83E, h83km, 6km, mb3.8/4, Error ellipse: s-maj=13.0km s-min=5.5km az=41.0, DJA 07 02:26:41.2-0.5, 3.34S-101.77E, h71km, 9km, n17, r152/15, mb3.8/4, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MASI Maura Aman, Be, MASI KSI, etc.

NIED 07 02:27:00.44:00N-147.90E, h44km, Mw3.9 Best double couple: Mb8.210000*10^14 NP1.8233.00000, 820.00000, 1.137.00000, NP2.05.00000, 877.00000, 1.75.00000

ISCBJ 07 02:27:13.5-0.7, 4.43N-104.148E, h64km, 5km, mb3.9/20, Error ellipse: s-maj=9.2km s-min=5.0km az=35.6

JMA 07 02:27:13.5-0.3, 4.398N-147.92E, h0km, M4.9 MOS 07 02:27:14.1-1.4, 4.456N-148.03E, h66km, mb4.1/9, Error ellipse: s-maj=11.5km s-min=8.9km az=108.4

SKHAL 07 02:27:14.1-0.3, 4.440N-148.11E, h66km, 3km, mb5.1/5 IDC 07 02:27:18.0-2.4, 4.452N-148.04E, h90km, 20km, mb3.5/18, mb1 3.7/22, mb1mx3.6/42, mbtmp3.8/22, MS2.8/6, Ms1 2.8/6, ms1mx2.6/35, Error ellipse: s-maj=19.3km s-min=13.2km az=151.0

ISC 07 02:27:14.5-1.1, 4.439N-105.148E, h0.07, h60km, 9km, n95, r143/103, mb3.7/20, 2D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KUR Kuril'sk, KUR Kuril'sk, etc.

NEM2 Nemuro 2 1.99 240 P N 02 27 44.6 -1.1

JRA Rausu 2.19 259 P N 02 27 49.5 +1.1

JNK Nakash 2.57 253 P N 02 27 54.2 +0.6

JAK Akkeshi 2.83 242 P N 02 27 56.8 -0.4

JJK Ashirihito 3.04 264 P N 02 28 00.9 +0.8

JAR Ashorobuto 3.81 252 P N 02 28 05.0 +1.1

JCH Churui 3.87 246 P N 02 28 11.6 +0.1

JKK2 Kamakawa 2 3.88 264 P N 02 28 14.0 +2.3

ASAJ Asahikawa 3.96 268 P N 02 28 15.5 +2.8

ASAJ comp=E, 4.2nm, 0.3s, baz=124, slow=28, SNR=1.6

ASAJ comp=E, 161nm, 20.7s, baz=131, slow=40

JSE Erimo 3.97 280 P N 02 28 14.2 +1.4

ERM Erimo 4.32 238 P N 02 28 19.8 +2.2

ERN Erimo 4.32 238 P N 02 28 19.8 +2.2

JNBK Urakawa-nobuka 4.43 243 P N 02 28 18.9 -0.2

246

KLR Kul'dur 12.20 299 P Pn 02 30 08.6 +3.3 comp=Z, 0.1nm, 0.3s, baz=97, slow=19, SNR=4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KLR Kul'dur, KLR Kul'dur, etc.

ILAR Elselon Array 40.57 37 P P 02 34 47.5 -0.2

ZALV Zalesovo Beam 41.16 307 P P 02 36 48.6 -2.2

MKAR Makanchi Array 44.90 297 P P 02 35 20.0 0.0

MKAR comp=Z, 1.1nm, 0.6s, baz=112, slow=9.0, SNR=7.5

MKAR Makanchi Array 44.90 297 P P 02 35 23.2 +0.2

MKAR comp=Z, 1.0nm, 0.6s

MKAR Makanchi Array 44.90 297 P P 02 35 23.2 +0.2

INK Inuvik 45.51 31 P P 02 35 27.9 +0.5

INK Inuvik 45.51 31 P P 02 35 27.9 +0.5

KUR Kurchatov 45.74 304 P P 02 35 30.1 +0.6

KUR Kurchatov 45.74 304 P P 02 35 30.1 +0.6

KUR Kurchatov 45.74 304 P P 02 35 30.1 +0.6

KUR Kurchatov 45.74 304 P P 02 35 30.1 +0.6

CMAR Chiang Mai Arr 48.36 254 P P 02 35 51.8 +1.5

CMAR Chiang Mai Arr 48.36 254 P P 02 35 51.8 +1.5

BVAR Borovoye Array 49.63 309 P P 02 37 19.1 -1.1

BVAR comp=Z, 1.7nm, 0.5s, baz=141, slow=7.1, SNR=3.9

GVN Gumba 51.66 273 P P 02 36 15.7 0.0

RAMN Ramite 51.71 272 P P 02 36 16.0 +0.1

KKN Kakani 52.16 274 P P 02 36 19.4 +0.2

PKI Pulchoki 52.19 273 P P 02 36 19.5 -0.1

PKIN Phulchoki 52.20 273 P P 02 36 20.1 +0.5

DMN Daman 52.39 274 P P 02 36 21.4 +0.4

GKN Gorkha 52.49 274 P P 02 36 21.9 +0.3

KOLN Koldanda 53.27 275 P P 02 36 28.5 +0.3

YKA Yellowknife Arr 54.89 34 P P 02 36 38.4 0.0

YKA Yellowknife Arr 54.89 34 P P 02 36 38.4 0.0

YKA Yellowknife Arr 54.89 34 P P 02 36 38.4 0.0

YKA Yellowknife Arr 54.89 34 P P 02 36 38.4 0.0

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

ARCES ARCES Array B 58.88 340 P P 02 37 06.0 -0.6

CSEM 07 02:34:06.4-0.3, 39.59N-38.22E, h20km, MD2.8, Error ellipse: s-maj=8.3km s-min=6.4km az=55.0

ISK 07 02:34:06.4-0.3, 39.55N-38.29E, h27km, MD2.8

DDA 07 02:34:06.5-0.3, 39.60N-38.23E, h7km, MD2.9

ISCBJ 07 02:34:07.0-0.4, 39.60N-0.03-38.24E, h23km, 5km, Error ellipse: s-maj=5.8km s-min=4.3km az=22.0

ISC 07 02:34:06.6-1.1, 39.59N-0.03-38.24E, h0.18km, 6km, n32, r196/48, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ILIC ilic-Erzincan, ILIC ilic-Erzincan, etc.

CPUP	comp=Z,0.2nm,0.3s,baz=352,slow=9.5,SNR=43	04 18 18.4 +0.5	129A	Stewart Farms, baz=58	57.30 329 P	P	04 24 14.8 -0.7	baz=64	Q24A	Divide	63.98 331 P	P	04 25 01.2 +0.2
PTGA	comp=Z,0.2nm,0.3s,baz=293,slow=12,SNR=5.2	04 18 54.2 -1.0	X33A	Lawton	57.33 333 P	P	04 24 14.5 -1.0	baz=64	Q24A	Divide	63.98 331 eP	P	04 25 01.4 +0.4
BDFB	comp=Z,2.6nm,0.3s,baz=207,slow=1.2,SNR=52	04 19 24.8 -0.9	V36A	baz=58	57.34 336 P	P	04 24 15.1 -0.5	comp=Z,6.0nm,2.5s	L31A	Butterfield Fa	64.01 337 P	P	04 25 00.7 -1.0
TRQA	comp=Z,2.3nm,0.7s,baz=261,slow=13,SNR=44	04 19 32.2 +1.1	Z30A	Sanderson Ranch	57.48 330 P	P	04 24 15.9 -0.8	baz=64	L30A	Spencer Herefo	64.15 337 P	P	04 25 01.4 -0.4
PLCA	comp=Z,1.6nm,1.1s	04 19 43.5 +0.9	X32A	Elmer	57.57 332 P	P	04 24 16.4 -0.8	baz=64	I35A	Creekview Farm	64.18 341 P	P	04 25 01.3 -0.5
PLCA	comp=Z,3.9nm,1.0s,baz=20,slow=11,SNR=42	04 23 23.0 +0.5	U37A	Salina	57.57 337 P	P	04 24 16.4 -0.9	baz=65	OGNE	Ogallala	64.22 334 P	P	04 25 02.0 -0.3
RCBR	comp=Z,1.5nm,0.7s,baz=126,slow=1.9,SNR=9.0	04 21 29.5 -0.4	Y31A	Rekieta Farm, baz=58	57.63 331 P	P	04 24 17.1 -0.6	baz=65	MVCO	Mesa Verde	64.25 327 P	P	04 25 01.8 -0.9
RCBR	comp=Z,4.1nm,0.5s,baz=257,slow=6.6,SNR=9.4	04 21 28.9 -1.0	W33A	Caddo, Fort Co	57.83 333 P	P	04 24 18.8 -0.3	baz=65	J33A	Davis	64.35 339 P	P	04 25 02.0 -0.9
034A	comp=Z,4.0nm,0.4s	04 23 31.2 +0.2	V34A	Guthrie	58.02 335 P	P	04 24 19.5 -0.9	baz=65	K31A	O'Neill	64.37 338 P	P	04 25 02.2 -0.9
736A	baz=52	04 23 37.5 +0.7	V34A	O'Neill	58.02 335 eP	P	04 24 18.9 -1.4	baz=65	H36A	Jessenland, He	64.52 342 P	P	04 25 02.4 -1.6
834A	Tilden	04 23 37.7 +0.7	X31A	McDonald Ranch	58.05 332 P	P	04 24 20.1 -0.6	baz=65	WUAZ	Wupatki	64.55 324 P	P	04 25 04.9 +0.3
636A	Smothers Creek	04 23 40.5 +0.5	T37A	Cheneville 18	58.14 338 P	P	04 24 20.0 -1.1	comp=Z,7.1nm,1.0s	WUAZ	Wupatki	64.55 324 eP	P	04 25 04.2 -0.4
537A	Green Hill Far	04 23 41.4 +0.1	W32A	Sentinel	58.14 333 P	P	04 24 20.5 -0.8	baz=65	ECSD	EROS Data Cent	64.60 340 P	P	04 25 03.5 -1.0
833A	Chaparral WMA,	04 23 41.5 +0.2	U35A	Pawnee	58.16 336 P	P	04 24 20.5 -0.9	baz=65	I34A	Hadley	64.63 340 P	P	04 25 04.0 -0.8
734A	La Parita Cree	04 23 41.3 -0.1	X30A	Coker Ranch, T	58.31 331 P	P	04 24 21.5 -1.0	baz=65	J32A	Parkston	64.70 339 P	P	04 25 04.3 -0.9
635A	Leesville	04 23 41.7 -0.3	V33A	Lossen Ranch,	58.32 334 P	P	04 24 21.2 -1.3	baz=65	K30A	Bassett	64.73 337 P	P	04 25 04.7 -0.8
340A	Bronson	04 23 42.3 +0.1	MNTX	Cornudas Mount	58.38 326 P	P	04 24 21.9 -1.1	baz=65	SPMN	St. Paul	64.78 343 P	P	04 25 04.4 -1.3
438A	Sam Houston St	04 23 43.3 +0.5	MNTX	Cornudas Mount	58.38 326 eP	P	04 24 21.3 -1.7	baz=65	ISCO	Idaho Springs	64.86 331 P	P	04 25 06.5 -0.2
832A	Faith Ranch, C	04 23 43.0 -0.3	T36A	Boggs Farm, Ca	58.44 337 P	P	04 24 22.9 -0.4	baz=65	H35A	Sunnyside Ranch	64.90 341 P	P	04 25 05.6 -0.9
733A	Divot King Ran	04 23 42.9 -0.4	W31A	Holland Ranch,	58.50 332 P	P	04 24 23.1 -0.7	baz=65	I33A	Coleman	64.94 340 P	P	04 25 06.0 -0.8
732A	Laxson Ranch,	04 23 45.8 -0.2	U34A	Anderson Ranch	58.54 335 P	P	04 24 23.5 -0.5	baz=65	SMCO	Snowmass	65.01 330 eP	P	04 25 08.2 +0.4
633A	Saathoff Ranch	04 23 46.4 -1.0	V32A	Arapaho	58.56 333 P	P	04 24 23.7 -0.4	comp=Z,5.2nm,0.6s	K29A	Lazy Trails An	65.07 337 P	P	04 25 07.6 -0.1
534A	Blanco	04 23 47.8 -0.5	S37A	Fort Scott	58.67 335 P	P	04 24 23.9 -1.0	baz=66	I32A	Karley and Nic	65.14 339 P	P	04 25 07.2 -0.9
632A	Uvalde	04 23 49.5 -0.4	U33A	Lingo Farm, Me	58.78 335 P	P	04 24 24.7 -0.9	baz=66	H34A	Spellman Lake,	65.16 341 P	P	04 25 07.4 -0.7
237A	Washetta, Mont	04 23 52.0 +0.3	MSTX	Muleshoe	58.83 329 P	P	04 24 25.3 -0.8	baz=66	J30A	Dallas	65.25 337 P	P	04 25 08.1 -0.7
631A	Perdido Creek	04 23 51.4 -0.8	MSTX	Muleshoe	58.83 329 eP	P	04 24 24.8 -1.4	baz=66	G35A	Watkins	65.27 342 P	P	04 25 08.3 -0.5
138A	Matatali Enter	04 23 53.9 +0.2	T34A	McClasky Farm	58.91 336 P	P	04 24 25.9 -0.6	baz=66	IBP	Imperial Bould	65.37 319 P	P	04 25 09.8 -0.1
532A	Rocksprings	04 23 53.8 -0.2	S36A	Ed Cedric, C	58.92 337 P	P	04 24 25.9 -0.6	baz=66	H33A	Prehn Over Nor	65.48 340 P	P	04 25 09.8 -0.5
236A	Katherine and	04 23 53.7 -0.3	V31A	Spring Creek L	58.95 333 P	P	04 24 26.6 -0.3	baz=66	I31A	Royce Wessing	65.52 339 P	P	04 25 09.5 -1.0
433A	Art	04 23 54.3 -0.5	AMTX	Amorillo	59.05 331 P	P	04 24 26.7 -0.9	baz=66	H32A	Carlson Farm,	65.56 340 P	P	04 25 10.1 -0.7
137A	Heron Place, G	04 23 55.4 +0.1	U32A	Winter Ranch,	59.10 334 P	P	04 24 26.9 -1.0	baz=66	F36A	Milaca	65.57 343 P	P	04 25 09.7 -1.1
334A	Lometa	04 23 54.8 -0.6	S35A	Otter Creek Ra	59.15 337 P	P	04 24 27.7 -0.5	baz=66	J29A	Okreek	65.63 337 P	P	04 25 10.7 -0.6
JCT	Junction City	04 23 56.1 +0.3	R36A	Gordon, Harris	59.41 338 P	P	04 24 29.3 -0.7	baz=66	MONP	Monument Peak	65.73 319 P	P	04 25 13.1 +0.7
531A	Rocksprings	04 23 56.6 0.0	T31A	Randall Ranch,	60.00 334 P	P	04 24 34.1 +0.1	baz=66	G33A	Ortonville	65.84 341 P	P	04 25 11.4 -1.1
WHTX	Lake Whitney	04 23 56.8 -0.1	Q35A	Mercer Eighty,	60.08 338 P	P	04 24 34.6 0.0	baz=66	F35A	Swanville	65.87 342 P	P	04 25 11.7 -1.0
WHTX	Lake Whitney	04 23 56.0 -0.9	S32A	Newby Ranch, P	60.20 335 P	P	04 24 35.3 -0.1	baz=66	N23A	Red Feather La	65.88 332 P	P	04 25 12.8 -0.4
136A	Ennis	04 23 56.9 -0.1	Q34A	Chapman	60.47 337 P	P	04 24 36.6 -0.6	baz=66	J28A	Allard Ranch,	65.99 336 P	P	04 25 13.2 -0.4
333A	Richland Sprin	04 23 56.9 -1.0	KSU1	Kansas State U	60.51 337 P	P	04 24 37.5 0.0	baz=66	E36A	McGregor	66.10 343 P	P	04 25 13.7 -0.5
432A	Menard	04 23 57.3 -0.8	R32A	Long Quarter,	60.73 335 P	P	04 24 38.6 -0.4	baz=66	J27A	Elkhorn Farm,	66.14 336 P	P	04 25 14.5 -0.1
234A	Clairette	04 23 59.1 -0.1	T29A	Hugoton	60.75 332 P	P	04 24 38.7 -0.5	baz=66	I29A	Vivian Onida	66.15 337 P	P	04 25 14.0 -0.6
530A	J-C Ranch, Com	04 23 58.9 -0.5	S30A	Montezuma	60.79 333 P	P	04 24 38.8 -0.8	baz=66	109C	Camp Elliot, M	66.16 318 P	P	04 25 14.2 -0.6
431A	Sonora	04 23 59.4 -0.4	Q33A	Connelly Farm,	60.88 336 P	P	04 24 39.4 -0.6	baz=66	G32A	Webster	66.24 340 P	P	04 25 14.4 -0.8
332A	Millersview	04 24 00.1 -0.8	R31A	Burdett	60.94 335 P	P	04 24 40.1 -0.4	baz=66	O20A	White River Ci	66.37 330 P	P	04 25 16.0 -0.2
MIAR	Mount Ida	04 24 00.7 -0.8	P34A	Walnut Farm, R	60.98 337 P	P	04 24 40.0 -0.6	baz=66	F33A	5 Mile Ranch,	66.37 341 P	P	04 25 14.8 -1.1
Z36A	Blue Ridge	04 24 01.2 -0.3	S29A	Ulysses	61.05 333 P	P	04 24 41.1 -0.2	baz=66	E35A	Pequot Lakes	66.46 343 P	P	04 25 15.5 -1.0
233A	Rising Star	04 24 01.0 -0.8	N37A	Lee Paris, Mou	61.14 340 P	P	04 24 40.7 -1.0	baz=66	GMRC	Granite Mounta	66.53 321 P	P	04 25 17.2 -0.1
529A	Stev Forest Ra	04 24 01.9 -0.6	Q32A	Meitler Ranch,	61.16 336 P	P	04 24 40.9 -1.0	baz=66	J26A	Sides Ranch, S	66.62 335 P	P	04 25 17.8 +0.1
134A	White-Moore Ra	04 24 02.0 -0.5	R30A	Dighton	61.25 334 P	P	04 24 41.9 -0.7	baz=66	H29A	Onida	66.63 338 P	P	04 25 17.0 -0.7
430A	Baggett Ranch,	04 24 02.1 -0.6	S28A	Manter	61.37 332 P	P	04 24 42.6 -0.9	baz=66	D36A	Goodland	66.68 344 P	P	04 25 17.2 -0.6
331A	San Angelo	04 24 02.0 -0.8	N36A	Muff Farm, Cla	61.44 339 P	P	04 24 42.8 -0.9	baz=66	G30A	Faulton	66.69 339 P	P	04 25 17.3 -0.6
232A	Coleman	04 24 03.1 -0.4	ANMO	Albuquerque	61.46 327 eP	P	04 24 43.9 -0.3	baz=66	E33A	Westby DABS, E	66.88 341 P	P	04 25 17.8 -1.4
TXAR	Lajitas Array	04 24 03.0 -0.7	CBKS	Cedar Bluff	61.48 335 P	P	04 24 43.8 -0.3	baz=66	C37A	Embarrass	66.93 345 P	P	04 25 18.3 -1.1
Y37A	Hugo	04 24 03.5 0.0	Q31A	Ellis	61.50 335 P	P	04 24 43.8 -0.4	baz=66	EYMN	Ely	66.96 345 P	P	04 25 18.3 -1.4
429A	Davenport Ranch	04 24 03.3 -0.8	M37A	Trindle Farm,	61.67 340 P	P	04 24 44.4 -0.9	baz=66	HEC	Hector,Ludlow	66.97 321 P	P	04 25 20.5 +0.4
Z35A	Perchaven, San	04 24 04.2 -0.2	P32A	Huitting Farm,	61.72 336 P	P	04 24 44.8 -0.8	baz=66	H28A	Mission Ridge	66.97 337 P	P	04 25 19.0 -0.8
133A	Hamilton Ranch	04 24 04.6 -0.7	N35A	Tabor	61.72 339 P	P	04 24 44.8 -0.8	baz=66	F31A	Hecla	67.02 340 P	P	04 25 19.1 -1.0
X38A	Whitesboro	04 24 04.9 -0.8	Q33A	Hebron	61.72 337 P	P	04 24 44.9 -0.7	comp=Z,7.4nm,2.9s	CCUT	Cedar City	67.12 324 eP	P	04 25 21.7 +0.5
330A	Mertzson	04 24 05.2 -0.8	Q30A	Quinter	61.81 334 P	P	04 24 46.2 -0.2	baz=66	C36A	Pine Crest Far	67.13 344 P	P	04 25 19.7 -1.0
231A	Bronte	04 24 04.9 -1.1	P31A	Stockton	61.94 335 P	P	04 24 46.6 -0.5	baz=66	TUO	Turquoise Moun	67.13 321 P	P	04 25 21.3 +0.2
X37A	Clayton	04 24 06.5 -0.1	R28A	Tribune	61.96 333 P	P	04 24 46.6 -0.7	baz=66	MSU	Marysvale	67.16 326 eP	P	04 25 21.1 -0.3
Z34A	Collier Ranch,	04 24 06.5 -0.2	N34A	Lincoln	61.99 338 P	P	04 24 46.3 -1.2	comp=Z,4.4nm,1.2s	F30A	Leo	67.26 339 P	P	04 25 21.3 -0.3
Y35A	Marietta	04 24 07.3 +0.1	L38A	Oak Wood Farm,	62.00 342 P	P	04 24 46.4 -1.0	baz=68	G28A	Parade	67.28 337 P	P	04 25 21.9 +0.2
W38A	Poteau	04 24 07.0 -0.3	Q32A	Brockman Farm,	62.14 337 P	P	04 24 47.7 -0.7	baz=68	SNA4	Sanae	67.39 161 P	P	04 25 23.7 +1.5
ABTX	Abilene, Hawle	04 24 07.4 -0.5	T25A	Trinidad	62.16 330 P	P	04 24 48.9 0.0	comp=Z,6.3nm,0.6s	SNA4	Sanae	67.39 161 eP	P	04 25 22.0 -0.2
ABTX	Abilene, Hawle	04 24 07.1 -0.8	N33A	J Bar K, Exete	62.25 338 P	P	04 24 48.6 -0.6	comp=Z,7.3nm,0.7s	BFSC	Mount Baldy Ra	67.40 319 P	P	04 25 23.6 +0.8
Z33A	Whitaker Ranch	04 24 08.4 -0.5	M35A	Neola	62.27 339 P	P	04 24 48.6 -0.7	baz=68	I25A	Rochford	67.47 335 P	P	04 25 23.5 +0.3
329A	Wagon Wheel Ra	04 24 08.8 -0.6	O30A	MW Ranch, Wils	62.77 335 P	P	04 24 52.3 -0.4	baz=68	F29A	Eureka	67.54 339 P	P	04 25 23.2 -0.2
X36A	Centrahoma	04 24 08.5 -0.8	K37A	Belmond	62.78 341 P	P	04 24 51.6 -1.0	baz=68	K22A	Casper	67.55 332 P	P	04 25 23.4 -0.3
Y34A	Reagan Ranch,	04 24 09.1 -0.7											

7d 4h

Table with columns: ID, Name, Time, Az, El, P, M, Az, El, P, M, Az, El, P, M. Contains data for stations like Huff, Manual Prospec, Landman Farms, etc.

2010 DEC

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, H, M, S, ISC. Contains data for stations like Nanjing, Cerro Calan, Penololen, etc.

250

Table with columns: ID, Name, Time, Az, El, P, M, Az, El, P, M, Az, El, P, M. Contains data for stations like La Plata, Paso Flores, Mirnyy, etc.

Table with columns: BRTR, comp, Z, 0.7nm, 0.9s, baz=159, slow=3.8, SNR=4.6, PP, PP, 05 49 19.4 -2.0, etc.

Table with columns: BVAR, Borovoye Array, 127.62 48, PKIKP, PKPdf, 05 50 09.2 +0.7, etc.

Table with columns: MJAR, Matushiro Arr, 148.97 119, PKP2, PKPbc, 05 50 50.4 -1.4, etc.

IDC 07 05:33:16.5.3.2, 11'30N:44'18E, h0km, mb3.7/6, mb3.7/6, mb1mx3.5/1, mbtmp3.7/6, Error ellipse: s-maj=85.9km s-min=30.7km az=162.0, Western Gulf of Aden

IDC 07 05:39:32.0e.1.5.33'13N:141'183E, h0km, mb3.7/6, mb1 3.8/7, mb1mx3.6/48, mbtmp3.7/7, ML3.5/1, Error ellipse: s-maj=37.1km s-min=19.5km az=58.0

JMA 07 05:39:32.5e.0.3.33'18N:141'90E, h16km, M3.4, ISCJBJ 07 05:39:32.0e.9.33'15N:0'05:141'9E:0.1, h40km, mb3.6/6, Error ellipse: s-maj=12.6km s-min=6.9km

ISC 07 05:39:37.1.3.33'16N:0'07:141'8E:0.1, h40km, n14, s122/19, mb3.6/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, BSO1, Boso 1, 1.64 336 P, etc.

ISCJBJ 07 05:58:43.7e.0.5.16'71N:0'04:95'27W:0.03, h70km, 6km, mb3.6/3, Error ellipse: s-maj=7.4km s-min=4.5km az=19.5

IDC 07 05:58:44.0e.0.7.17'15N:94'90W, h89km, 5km, mb3.1/4, mb1 3.6/6, mb1mx3.3/33, mbtmp3.6/6, Error ellipse: s-maj=57.1km s-min=12.2km az=68.0

MEX 07 05:58:44.8e.0.5.16'93N:95'15W, h94km, 17km, MD4.4, NEIC 07 05:58:44.8.16'93N:95'15W, h94km, MD4.4(MEX), After MEX.

ISC 07 05:58:44.7e.0.7.16'79N:0'05:95'22W:0.03, h81km, 7km, n88, s171/90, mb4.0/3, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time Res, CMIG, Matias Romero, 0.43 47 Op, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ZALV Zalesovo Beam, BVAR Borovoye Array, BRTR Keskin Array, TXAR Lajitas Array.

ISCJB 07 08:10:30.40.3.0, 19:22S:0.04:67.00W:0.05, h240km, 4km, mb3.0/1.1, Error ellipse: s-maj=8.2km s-min=5.1km az=153.3

GUC 07 08:10:31.20.5.0, 19:33S:67.09W, h240km, ML5.0, IDC 07 08:10:31.20.0.8, 19:10S:66.89W, h251km, 6km, mb3.7/1.1, mb1.3/8.1b, mb1mx3.8/3.4, mbtmp4.3/1.8, Error ellipse: s-maj=12.8km s-min=10.1km az=63.0

ISC 07 08:10:31.30.7.0, 19:23S:0.05:67.00W:0.06, h256km, 7km, r35.5, r19:44/47, mb4.0/1.1, 7C, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MMMC Minimini, PB13 IPOC Station P, PB11 IPOC Station P, PB01 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PSGC Pisagua, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YJA Yavi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB09 IPOC Station P, PB09 Coronel Fontan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LVC Limon Verde.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB06 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB04 IPOC Station P, ASTB Santa Barbara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AZAP Zapla, SLA San Lorenzo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SIV San Ignacio.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FSA Catayete, AHML Horco Molle, CYA Choya, CPUP Villa Florida.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CFAA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BDFB Brasilia.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PTGA Pitinga.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RCBR Riachuelo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DBIC Dimbokro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PDAR Pinedale Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ULM Lac du Bonnet.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NVAR Mina Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TORO Torodi Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BOSA Boshof.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ESDC Sonseca Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga Arr.

NNC 07 08:17:50.14.5.38, 10N:72.93E, h0km, mb4.0, mpv4.0, Error ellipse: s-maj=35.3km s-min=29.8km az=126.0

IDC 07 08:17:51.4.3.6, 38:08N:74.39E, h129km, 31km, mb3.6/9.0, mb1.3/6.14, mb1mx3.4/4.7, mbtmp4.0/1.4, Error ellipse: s-maj=26.8km s-min=17.6km az=20.0

ISCJB 07 08:17:52.30.3.38, 23N:0.03:74.43E:0.06, h158km, mb3.7/9.0, Error ellipse: s-maj=6.9km s-min=3.8km az=167.7

BUJ 07 08:17:53.1.38:35N:74.53E, h141km, mb4.6/11

ISC 07 08:17:53.80.6.3, 38:23N:0.05:74.45E:0.08, h158km, n48, r157/50, mb3.9/9.4, 4C-5D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSH Kashi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSH Kashi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSH Kashi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSH Kashi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSH Kashi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SFK Sufi-Kurgan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SFK Sufi-Kurgan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ZKA Kyzart.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AML Almayashu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include UCH Uchtor.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ULHL Ulahol.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KBK Karagobdula.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include EK2S Erkin-Say.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MNAS Manase.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MNAS Manase.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CHCP Chirah Chowk, TKM2 Tokmak 2.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TKM2 Tokmak 2, CHMS Chumysh, CEP Cherat, KK31 Karatay Array, THW Thamme Wali, SARP Sargodha, MKAR Makanchi Array, WMQ Wurochi, GEYT Aitбек, KOLN Koldanda, KOLN Koldanda, GKN Gorkha, GKN Gorkha, DMN Daman, PKIN Phulkoti, GUN Gumba, PKI Pichkoti, BVAR Borovoye Array, BVAR Borovoye Array, AB31 Akbulak array, RAMN Ramite, TAPN Tapejlung, ODAN Odare, AKTO Aktjyubinsk, AKTO Aktjyubinsk, ZALV Zalesovo Beam, SONM Songo Aray, FINES FINESS Array B, ARCES ARCESS Array B, NB22 NORSAR Subra, NOA NORSAR Array B, TORO Torodi Ar, TORO Torodi Ar, YKA Yellowknife Ar, WRA Warramunga Ar, ASAR Alice Springs.

ISCJB 07 08:26:20.4.0.2, 61:27N:0.02:156W:0.04, h78km, 3km, mb3.0/1.0, Error ellipse: s-maj=3.3km s-min=2.7km

IDC 07 08:26:20.9.1.5, 61:35N:151.11W, h57km, 16km, mb3.6/10.0, mb1.3/8.14, mb1mx3.5/4.1, mbtmp3.9/1.4, MS2.9/1, Ms1.2/9.1, ms1mx2.3/3.4, Error ellipse: s-maj=18.5km s-min=9.3km az=108.0

NEIC 07 08:26:22.1.1:61:28N:150:62W, h58km, ML3.8(AEIC), After AEIC

NEIC Felt [I] at Anchorage, Chugiak, Eagle River, Elmendorf AFB and Palmer. Also felt at Fort Richardson, Girdwood, Wasilla and Willow.

ISC 07 08:26:21.50.8.6, 61:28N:0.03:150:60W:0.03, h66km, 6km, n117, r0566/125, mb4.0/10, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FIB Fire Island, RC01 Rabbit Creek A, STLK Strandline Lak, CGLM Capps Glacier, SPU Mount Spurr, CRP Crater Peak, CRP Crater Peak, NCG North Capps Gf, CKN Chakachata No, PMR Palmer, PMR Palmer, SKLM Sklak Lake, CLKM Chakachamma La, EGLL Barrie Glacier, CUT Chitina, PWL Port Wells, SML Sawmill, SML Sawmill, DFR Drift River, SEW Seaward, SEW Seaward, RDN Redoubt North, RSO Redoubt South, BRLK Bradley Lake, BRLK Bradley Lake, SML Sheep Creek Mo, SCHM Homer, HOM Homer, IVE Iliamna Volcan, ILW Iliamna West, CNPM China Pool, CNPM China Pool, PPLA Purkeypile, PPLA Purkeypile, JPK Jack Peak, VLZ Valdez, EGLL Barrie Glacier, OPT Oil Point, TRF Thorofare Moun, HIN Hinchinbrook I, CAST Castle Rocks, CAST Castle Rocks, KLU Klutina, RND Reindeer, KTH Kantishna Hill, PDB Pedro Bay, DIV Divide, DHY Devil Highway, AUL Augustine Lava, SVW Spargroveh, EYAK Cordova Ski Ar, PS11 TAPS Pump St11, MCK McKinley, BRLK Barik Lamechumin, CDD Cape Douglas, MID Middleton Isla, HARP HAARP, BPAW Bear Paw Mtn, FOPK Fourpeaked Vol, FOPK Fourpeaked Vol, PAX Paxson, GOAT Goat Mountain, TCOI Talatina.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAGM Ragged Moutai, TTA Tatalina, PS10 TAPS Pump St10, GLR Gilahina Bitter, WRH Wood River Hill, KAHG Katmai Harder, VRDI Verde Repeater, BERG Berg Lake, HDA Harding Lake, KAWH Katmai, CKB Clear Creek Bu, CKB Clear Creek Bu, KDAA Katmai, MCARA McArthur VSAT, CROM Crotchet, KHIT Kitro Hills, PS08 TAPS Pump Stn8, GRIN Grindlie Hills, KVTA Katmai Vly 10, MLV Manleyville Ar, COLA College, MDM Murphy Dome, KELA Mount Kelaz, KABR Katmai Barrier, DOTT Dot Lake, IL1 Iliamna, ILAR Eielson Array, BALM Baldy, KIAG Kiagna River, BARK Barkley Ridge, ISLE Juniper Island, BAGL Bagley Icefield, OHAK O'Hara, BARN Barnard Glacie, GRNC Granite Creek, MESA MESA, MESA Beaver Creek A, CTGM Chitina Glacie, CSEA Chaska City Sr, PS06 TAPS Pump Stn6, RKAV Rock Avalanche, LOGN Logan Glacier, PLK4 Peulik 4, TABL Table Mountain, EGAK Eagle, DAWY Dawson, COLD Coldfoot, SKAG Skagway, TNA Tin City, INK Inok, INK Inok, DLBC Dease Lake, YKA Yellowknife Ar, NVAR Nuna Array B, TXAR Lajitas Array, ARCES ARCESS Array B, KSRS Korea Array, KSAR Wonju Array B, SONM Songo Aray, NOA NORSAR Array B, FINES FINESS Array B, MKAR Makanchi Array, AKASO Main Array B.

WEL 07 08:30:16.40.1, 40:20S:174:24E, h98km, 1km, ML3.5/16, 7C-5D, Error ellipse: s-maj=0.9km s-min=0.4km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DUWZ D'Urville Isla, DUWZ D'Urville Isla, WAZ Wanganui, WAZ Wanganui, LREZ Lake Rotokare, KIWZ Kapiti Island, NIWZ Namu Road, PREZ Palmer Road, KHEZ Kahui Hut, NEZ North Egmont, OGWZ Otaki Gorge, NWEZ Newall Road, DREZ Durham Road, TORY Tory Channel, TCW TCW, TCW TCW, PKE Pukeiti, CAW Cannon Point, CAW Cannon Point, MRZ Mangatainoka R, MRZ Mangatainoka R, MRZ Mangahewa, MRZ Vera Head, WEL Wellington, POWZ Post Office Ro, POWZ Holdsworth Sta, NOWZ Nelson, MTWZ Mangateitei, TUWZ Tuamarina, TUWZ Tuamarina, TUWZ Tuamarina, BHW Baring Head, BHW Baring Head, TSZ Takapari Road, TSZ Takapari Road, TRW Turao, TRW Mount Morrison, MTWZ Mangateitei, MTWZ Mangateitei, WNWZ Wahianoa, PRWZ Port Road, DRZ Dome Shelter, TWIWZ Tintock, TWIWZ Far West T-bar, TWIWZ Whangaehu Hut, MOVZ Moawhango, MOVZ Moawhango, CONZ Chateau Observ, TWIZ Tukiwa, MSWZ Moikau Station, MSWZ Moikau Station, MSWZ Taurewa, MSWZ Ngauruhoe, PAWZ Parurwai Farm, PAWZ Parurwai Farm, PAWZ Parurwai Farm, OTVZ West Tongariro, OTVZ Oturere, CHLZ Chalk Bluffs, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSWZ, KRWZ, TMWZ, BHHZ, PLWZ, BFZ, BFZ, KATZ, ANWZ, KRHZ, HIZ, PRHZ, KWHZ, THZ, WATZ, PZK, BKZ, BKZ, KAHZ, TLZ, KHZ, KHZ, DSZ, TOZ, URZ, KBKZ, MKAZ, ETAZ, WIAZ, ABZ, KUZ, WVZ, WCVZ, FVZ, ODZ.

CSEM 07 08:56:42.9, 37.03N, 35.75E, h5km, MD2.4, After ISK
ISK 07 08:56:42.9, 37.03N, 35.75E, h5km, MD2.4, Turkey
Code Station Name Az Phase ID Time Res

ISC 07 09:00:28.7, 2.3, 6.82S, 132.09E, h0km, mb3.4/1, mb1 3.7/5, mb1mx3.5/24, mbtmp3.6/5, ML3.7/4, Error ellipse: s-maj=95.4km s-min=24.8km az=85.0, Tanimbar Islands region

ISC 07 09:20:22.5, 3.5, 5.94S, 149.66E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.4/36, mbtmp3.5/4, ML1.9/1, Error ellipse: s-maj=100.3km s-min=43.2km az=113.0, New Britain region

ISC 07 09:21:52.9, 3.5, 5.94S, 150.11E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.5/38, mbtmp3.6/4, ML2.0/1, Error ellipse: s-maj=106.3km s-min=42.9km az=118.0, New Britain region

ISC 07 09:24:32.1, 5.1, 35.87N, 70.05E, h113km, 35km, mb3.4/3, mb1 3.4/8, mb1mx3.1/50, mbtmp3.8/8, Error ellipse: s-maj=65.9km s-min=23.8km az=151.0

ISC 07 09:24:35.9, 0.6, 36.41N, 0.04, 69.86E, 0.06, h150km, mb3.2/2, Error ellipse: s-maj=6.3km s-min=5.9km az=7.2
ISC 07 09:24:40.3, 4.2, 36.09N, 69.64E, h102km, 91km, mb3.3, mbtmp3.8, Error ellipse: s-maj=32.5km s-min=30.8km az=176.0

2010 DEC
GEYT Alibeck 9.55 283 P Pn 09 26 49.4 -1.2
GEYT 1.4nm, 0.3s, baz=92, slow=29, SNR=2.5
MK31 Malakanchi Array 13.96 38 P Sn 09 28 33.9 -2.4
MKAR Makanchi Array 13.96 38 P Pn 09 27 53.6 +2.5
KOLN Koldanda 14.40 122 P P 09 27 48.0 +0.2
AB31 Akbulak array 14.82 334 P P 09 28 00.5 -0.2
GKN Gorkha 14.98 120 eP P 09 28 01.8 -0.9
KURBB Kurchatov Arra 15.58 21 P P 09 28 10.9 +1.9
PULCHOI Pulchoi 15.78 119 eP P 09 28 11.1 -0.7
GUMBA Gumba 15.91 117 eP P 09 28 12.4 -0.9
AKTO Aktuybinsk 16.50 332 P Pn 09 28 24.0 +4.7
AKTO 2.2nm, 1.0s 16.50 332 P S 09 31 11.5 -1.1
AKTO 4.4nm, 0.3s, baz=147, slow=11, SNR=6.9
RAMN Ramite 17.00 119 P Pn 09 28 24.3 -1.4
TAPN Tappejlung 17.56 116 eP P 09 28 29.4 -2.0
ZALV Zalesovo Beam 20.44 26 P Pn 09 29 04.2 -1.6
NOA NORFAR Array B 43.98 323 P P 09 32 31.0 +2.3
TORO Torodi Arr. Bea 64.83 268 P P 09 35 00.1 +0.4

IDC 07 09:38:26.2, 0.3, 55.72S, 26.75W, h0km, mb5.1/15, mb1 5.1/16, mb1mx5.0/21, mbtmp5.0/16, ML3.7/1, MS4.4/19, Ms1 4.4/19, ms1mx4.4/19, Error ellipse: s-maj=18.7km s-min=12.9km az=51.0
ISC/JB 07 09:38:30.3, 0.3, 55.68S, 0.05, 26.8W, 0.1, h33km, mb5.2/32, MS4.7/92, Error ellipse: s-maj=9.2km s-min=5.7km az=147.1
BUJ 07 09:38:30.3, 55.70S, 26.80W, h26km, mB5.5/22, Ms5.4/23, Ms7.5/124
AWI 07 09:38:31.0, 55.75S, 26.80W
MOS 07 09:38:31.4, 2.2, 55.98S, 27.02W, h39km, mb5.4/10, Error ellipse: s-maj=23.5km s-min=11.4km az=101.5
GCMT 07 09:38:32.3, 0.2, 55.81S, 26.47W, h25km, MW5.0/79, Moment Tensor Solution, s51.c75; s79.c110; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.08±15; Mw-0.56±14; Mw-2.52±12; Mw-1.53±30; Mw-2.34±18; Mw-2.24±24; Best double couple: M-0.544000, 1.016 NP1: 0.4, 0.00000, 0.62, 0.00000, 1.53, 0.00000. NP2: 0.241, 0.00000, 0.45, 0.00000, 1.138, 0.00000. Principal axes: T 4.8410, P1g5.60000, Azm224.0000, N -0.5960, P1g32.0000, Azm23.0000, P -4.2460, P1g9.0000, Azm119.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
NEIC 07 09:38:32.3, 1.4, 55.78S, 26.71W, h40km, 12km, mb5.4/19, MS4.8/73 Error ellipse: s-maj=9.8km s-min=7.2km az=225.0
ISC 07 09:38:33.0, 1.3, 55.76S, 0.07, 26.89W, 0.07, h44km, 11km, n376, 0.1516/348, mb5.4/31, MS4.8/92, 13C-5D, South Sandwich Islands region

HOPE Hope Station 5.72 281 Op Pn 09 39 56.4 +1.2
HOPE Hope Point 5.72 281 ePn Pn 09 39 55.4 +0.2
HOPE Neumayer-Stat 17.00 159 P Pn 09 40 52.8 -6.7
VNA3 Neumayer-Stat 17.00 159 P Pn 09 42 28.2 -0.3
VNA3 Neumayer-Watz 17.00 158 P Pn 09 42 29.9 +0.1
VNA3 Neumayer-Watz 17.00 158 P Pn 09 42 33.2 +0.3
EPI East Falkland 18.81 270 eP P 09 42 48.8 +0.3
EPI 1.1m, 0.5s
SNA4 Snae 18.94 157 P Pn 09 42 51.2 +0.4
SNA4 Snae 18.94 157 P Pn 09 42 47.9 -1.9
SNA4 Snae 18.94 157 P Pn 09 47 14.4 +0.6
SNA4 Snae 18.94 157 P Pn 09 48 46.4 +0.4
SNA4 Snae 18.94 157 P Pn 09 42 48.4 -1.5
SNA4 Snae 18.94 157 P Pn 09 42 48.6 -1.3
SNA4 Snae 18.94 157 P Pn 09 46 20.5 -1.2
SNA4 Snae 18.94 157 P Pn 09 47 14.4 +0.6
PMSA Palmer Station 20.22 229 P Pn 09 43 04.2 +0.5
PMSA Palmer Station 20.22 229 P Pn 09 43 04.4 +0.7
NVL N'zarevskaya 22.41 147 eP P 09 43 27.2 -0.1
NVL N'zarevskaya 22.41 147 eP P 09 47 30.0 -0.3
TRQA Torquist 29.37 292 eP P 09 44 32.5 +0.9
TRQA Torquist 29.37 292 eP P 09 47 37.5 +0.6
SYO Syowa Base 31.70 141 eP P 09 44 50.4 -1.4
SYO Syowa Base 31.70 141 eP P 09 44 55.8 +4.0
SYO Syowa Base 31.70 141 eP P 09 47 41.3 -1.0
PLCA Paso Flores 32.12 279 P Pn 09 44 54.3 -1.7
PLCA Paso Flores 32.12 279 P Pn 09 47 44.4 +0.2
PLCA Paso Flores 32.12 279 P Pn 09 58 38.2
QSPA South Pole Qui 34.49 180 PFAKE LR 09 45 30.0 +1.4
CPUP Villa Florida 36.75 311 P P 09 45 36.0 +0.1
CPUP Villa Florida 36.75 311 P P 09 47 58.1 +0.6
CPUP Villa Florida 36.75 311 P P 10 00 12.6
MAW Mawson 40.28 144 P P 09 46 05.1 +0.1
MAW Mawson 40.28 144 P P 09 48 07.8 0.0
MAW Mawson 40.28 144 P P 10 00 56.8
SUC Sutherland 40.40 75 PFAKE LR 09 46 20.0 +1.3
LCO Las Campanas 40.95 292 eP P 09 46 11.4 0.0
SHEL Horse Pasture 42.90 31 P P 09 46 28.7 +1.6
SHEL Horse Pasture 42.90 31 P P 09 46 27.8 +0.7
BDFB Brasilia 43.20 330 P P 09 46 28.9 -0.7
LVC Limon Verde 45.30 300 LR 10 05 21.9
LVC Limon Verde 45.30 300 LR 09 46 48.4 +1.8
BOSA Boshof 45.73 76 P P 09 46 44.4 -5.4
BOSA Boshof 45.73 76 P P 10 03 18.6
SBA Scott Base 46.38 184 eP P 09 46 55.7 +1.6
SBA Scott Base 46.38 184 eP P 09 46 54.3 +0.2

SBA Scott Base 46.38 184 eP P 09 46 54.3 +0.2
SBA Scott Base 46.38 184 eP P 09 46 54.3 +0.2
VNDA Vanda 46.87 183 P P 09 46 58.1 +0.2
VNDA Vanda 46.87 183 P P 10 07 01.6
H10S2 ASCENSION HYDR47.67 16 T T 10 38 32.2
H10S3 ASCENSION HYDR47.68 16 T T 10 38 30.5
H10S1 ASCENSION HYDR47.69 16 T T 10 38 35.9
ASCN Ascension 48.73 17 PFAKE LR 09 47 20.0 +7.0
H10N1 ASCENSION HYDR48.79 16 T T 10 39 58.8
H10N3 ASCENSION HYDR48.79 16 T T 10 39 59.3
H10N2 ASCENSION HYDR48.81 16 T T 10 40 00.2
TSMU Tsumeb 49.39 61 eP P 09 47 16.9 -1.3
TSMU Tsumeb 49.39 61 eP P 10 03 54.1
RCBR Riachuelo 50.31 348 LR LR 10 03 54.1
LPAZ La Paz 50.35 305 P P 09 47 27.2 +1.1
LPAZ La Paz 50.35 305 P P 10 08 05.8
SAML Samuel 54.72 314 eP P 09 47 58.1 +0.4
SAML Samuel 54.72 314 eP P 09 47 58.1 +0.4
LSZ Lusaka 58.11 69 eP Pmax 09 48 20.5 -1.6
LSZ Lusaka 58.11 69 eP Pmax 09 48 20.5 -1.6
LSZ Lusaka 58.11 69 eP P 09 48 20.4 -1.6
PTGA Pitinga 61.05 321 P P 09 48 41.5 -0.6
PTGA Pitinga 61.05 321 eP P 09 48 42.0 -0.1
LIC Lamto 64.36 24 eP P 09 49 07.3 +3.2
KIC Kosan Boko 64.56 25 eP P 09 49 04.7 -0.7
TIC Toumbouctou 64.77 24 eP P 09 49 05.9 -0.9
DBIC Dimbokro 64.83 24 P P 09 49 06.1 -1.1
DBIC Dimbokro 64.83 24 P P 10 10 35.8
ABPO Ambohimanpon 65.57 88 PFAKE LR 09 50 20.0 +7.7
ABPO Ambohimanpon 65.57 88 PFAKE LR 09 50 00.0 +8.5
MBAR Mbarara 71.86 63 PFAKE LR 09 50 00.0 +8.5
MBAR Mbarara 71.86 63 PFAKE LR 09 50 00.0 +8.5
TORO Torodi Arr. Bea 72.72 29 P P 09 48 55.6 -0.6
TORO Torodi Arr. Bea 72.72 29 P P 10 17 05.2
GRGR Grenville 73.63 204 eP P 09 50 02.6 +1.0
SDV Santo Domingo 73.93 315 P P 09 50 03.7 +0.1
SDV Santo Domingo 73.93 315 P P 09 50 04.0 +0.5
SDV Santo Domingo 73.93 315 P P 09 50 09.6 +0.9
KMBO Kilima Mbojo 74.78 69 P P 10 21 11.4
KMBO Kilima Mbojo 74.78 69 P P 09 50 10.2 +1.5
KMBO Kilima Mbojo 74.78 69 P P 09 50 10.2 +1.5
SABA Saba 79.29 325 eP P 09 50 35.3 +1.7
STVI Saint Thomas 80.53 324 eP P 09 50 40.8 +0.5
SJJ San Juan 80.72 322 PFAKE LR 09 50 50.0 +8.8
RKT Rikitea 80.76 242 eLR LR 10 16 00.7
RKT Rikitea 80.76 242 eT T 11 19 16.9
JTS JuntasAbangare 81.50 302 P P 09 50 45.6 0.0
JTS JuntasAbangare 81.50 302 P P 09 50 46.7 +1.1
JTS JuntasAbangare 81.50 302 P P 09 50 47.6 +2.1
MSEY Mahe Island 81.86 86 PFAKE LR 09 51 00.0 +1.2
TAM Tamarassat 82.96 30 eP P 09 50 53.0 -0.1
TAM Tamarassat 82.96 30 eP P 09 50 53.0 -0.1
TAM Tamarassat 82.96 30 eP P 09 50 53.0 -0.1
SDDR SDDR 83.37 318 eP P 09 50 55.7 +0.5
SDDR SDDR 83.37 318 eP P 09 51 20.0 +1.6
MTDJ Mount Denham 85.17 312 PFAKE LR 09 51 20.0 +1.6
GTBY Guantanamo Bay 85.71 315 PFAKE LR 09 51 20.0 +1.3
TGUH Tegucigalpa, Un 85.80 302 eP P 09 51 08.9 +1.1
TBI Tubuai 87.40 231 eP P 09 19 04.4
CAN Canberra 89.21 177 PFAKE LR 09 51 30.0 +6.1
BBOO Buckleboe 90.58 166 eP P 09 51 30.1 -0.2
RTC Rabat Center 91.02 17 PFAKE LR 09 51 40.0 +8.1
STKA Stephens Creek 92.16 170 P P 09 51 37.0 -0.6
STKA Stephens Creek 92.16 170 P P 10 32 04.5
PPT2 Papeete 92.49 233 eLR LR 10 21 26.5
PPT Papeete 92.51 233 LR LR 10 25 54.6
KESK Kesara 96.24 29 LR LR 10 31 36.8
ESDC Sonseca Array 97.05 18 LR LR 10 31 22.1
CLTB Cattabellotta 99.05 31 PFAKE LR 09 52 20.0 +1.1
ASAR Alice Springs 99.21 162 P Pdf 09 52 08.9 -1.0
ASAR Alice Springs 99.21 162 P P 09 56 11.9 +0.1
ASAR Alice Springs 99.21 162 P P 10 08 33.3 -0.3
ASAR Alice Springs 99.21 162 P P 10 16 48.9 -5.5
ASAR Alice Springs 99.21 162 P P 09 52 20.0 +8.3
RAYN Rayn 99.81 63 PFAKE LR 09 52 20.0 +7.7
TIP Timpagrade 101.60 33 PFAKE LR 09 52 30.0 +1.0

Table with columns: TIP, comp-Z, call sign, frequency, power, status, and other details. Includes stations like SANT Santorini, CUC Castrocuvo, KVTX Kingsville, etc.

Table with columns: call sign, frequency, power, status, and other details. Includes stations like H29A Onida, BBRC Big Bear Solar, D33A AnnSam, etc.

Table with columns: call sign, frequency, power, status, and other details. Includes stations like OBN Obninsk, LKWW Lake, DGMT Dagmar, etc.

7d 10h

Table with columns: BRVK, Borovoye, 134.45, 57, PKP, PKPpdf, LR, 09 57 45.5 +0.5, etc. Includes stations like Borovoye Array, Guiyang, Kurchatov, etc.

2010 DEC

Table with columns: BJT, Baijiatatau, 151.08, 107, ePKP, PKPpdf, LR, 09 58 14.2 -0.2, etc. Includes stations like Beijing, Redoubt South, etc.

260

Table with columns: WRA, Warramunga Arr, 47.96, 186, P, 09 58 09.9 -0.4, etc. Includes stations like Kurbs, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK, H11N2, H11N3, H11N1.

ISC/JB 07 10:25:13.5:0.5, 39.29N:04.0:40.37E:0.05, h10km, Error ellipse: s-maj=6.2km s-min=4.2km az=43.0

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

IDC 07 10:42:21.3:2.7, 51.93N:178.86W, h0km, mb3.0/3, mb1 3.6/4, mb1mx3.3/45, mbtmp3.3/4, ML2.5/1, Error ellipse: s-maj=73.7km s-min=41.9km az=2.0

ISC/JB 07 10:42:33.2:0.7, 51.41N:0.06:175.54W:0.05, h10km, mb3.2/2, Error ellipse: s-maj=8.4km s-min=4.4km az=167.1

NEIC 07 10:42:34.2:51.41N:175.50W, h26km, ML3.1(AEIC), After AEIC

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

ISC/JB 07 10:45:25.1:0.8, 12.01N:0.1:44.04E:0.09, h4km, mb3.7/11, MS3.4/8, Error ellipse: s-maj=22.1km s-min=8.2km az=150.5

IDC 07 10:45:26.0:1.1, 11.97N:44.01E, h0km, mb3.7/11, mb1 3.8/11, mb1mx3.6/43, mbtmp3.7/11, MS3.5/10, Ms1 3.5/10, ms1mx3.1/38, Error ellipse: s-maj=28.4km s-min=17.8km az=161.0

ISC 07 10:45:26.2:0.9, 11.93N:0.1:44.0E:0.1, h4km, n23, c0956/15, mb3.9/11, MS3.4/8, Ethiopia

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

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

ISC/JB 07 10:59:54.8:0.5, 40.22N:0.03:28.77E:0.05, h0km, Error ellipse: s-maj=6.2km s-min=3.6km az=33.1

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

DDA 07 11:19:41.8, 38.42N:26.66E, h18km, Md2.9

ISC 07 11:19:42.2, 38.51N:26.75E, h5km, MD2.9

CSEM 07 11:19:42.0:3, 38.40N:26.67E, h5km, MD2.9, Error ellipse: s-maj=6.6km s-min=3.9km az=53.0

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

CSEM 07 11:21:24.0, 39.56N:29.64W, h10km, ML2.9, After PDA

PDA 07 11:21:24.0:0.9, 39.55N:29.64W, h10km, MD3.5, ML2.9, Error ellipse: s-maj=21.7km s-min=8.0km az=52.0

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

IDC 07 11:24:13.0:0.7, 18.97N:145.62E, h193km, 7km, mb3.7/22, mb1 3.9/25, mb1mx3.8/47, mbtmp4.3/25, MS3.2/3, Ms1 3.2/3, ms1mx2.7/30, Error ellipse: s-maj=13.4km s-min=7.2km az=88.0

ISC/JB 07 11:24:13.0:0.4, 18.93N:0.04:145.6E:0.1, h214km, mb3.9/23, Error ellipse: s-maj=15.4km s-min=5.5km az=178.0

ISC 07 11:24:14.5:0.5, 18.94N:0.05:145.5E:0.1, h214km, n36, c1938/39, mb4.0/23, Mariana Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S3, H11S1, H11S2, etc.

ISC/JB 07 11:51:52.5:1.2, 30.18N:51.81E, h0km, mb3.9/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML2.9/1, MS2.7/1, Ms1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=37.3km s-min=24.9km az=153.0

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

ISC/JB 07 11:51:52.5:1.2, 30.18N:51.81E, h0km, mb3.9/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML2.9/1, MS2.7/1, Ms1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=37.3km s-min=24.9km az=153.0

ISC/JB 07 11:51:52.5:1.2, 30.18N:51.81E, h0km, mb3.9/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML2.9/1, MS2.7/1, Ms1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=37.3km s-min=24.9km az=153.0

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

ISC/JB 07 11:51:52.5:1.2, 30.18N:51.81E, h0km, mb3.9/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML2.9/1, MS2.7/1, Ms1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=37.3km s-min=24.9km az=153.0

ISC/JB 07 11:51:52.5:1.2, 30.18N:51.81E, h0km, mb3.9/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML2.9/1, MS2.7/1, Ms1 2.9/1, ms1mx2.3/39, Error ellipse: s-maj=37.3km s-min=24.9km az=153.0

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

7d 13h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARU Arti, TOR Diordi Arr, BRVK Borovoye, etc.

20 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARU Arti, TOR Diordi Arr, BRVK Borovoye, etc.

264

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like DYPD, GEVA, ITBZ, IAZR, etc.

2010 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like BHD, IBDR, GEY, EIL, AKTO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like RMX, ECXB, IBP, etc.

7d 15h

Table with columns: LOD, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lodumlu, Eldivan, Af-ar-Bala, Kaman, Cicekdag, etc.

DJA 07 14:12:01.0-0.3, N12.2-9.9E, h10km, M3.5/9, MLV3.5/9, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mandailing Nat, Sibolga, Gunungsitoli, Saibi, Padang Panjang, etc.

ISCJB 07 14:14:35.0-0.3, 37.87N, 0.04-2.37E, h0.04, h6km, 6km, Error ellipse: s-maj=6.9km s-min=4.9km az=18.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G7zelcam1, G7zelcam2, zmir, Zeytinkoy-Aydi, etc.

DDA 07 14:14:35.3, 37.85N, 2.34E, h7km, MD2.6, Error ellipse: s-maj=1.7km s-min=7.2km az=30.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G7zelcam1, G7zelcam2, zmir, Zeytinkoy-Aydi, etc.

DDA 07 14:22:40.6, 38.90N, 35.60E, h6km, MD2.9, Error ellipse: s-maj=7.5km s-min=3.8km az=23.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bunyan, Pinarbasi, Sarikisa-SIVAS, Yozgat, etc.

ISC 07 14:22:41.6, 0.3833N, 0.03-35.63E, h0.02, h9km, 8km, n36, c0611/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bunyan, Pinarbasi, Sarikisa-SIVAS, Yozgat, etc.

ISCJB 07 14:23:49.5, 0.23, 80S, 0.07, 179.65W, 0.10, h500km, mb4, 1/11, Error ellipse: s-maj=12.8km s-min=7.9km az=31.8

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

2010 DEC

AUST 07 14:23:50.8, 23.66S, 179.83E, h450km, ISC 07 14:23:50.2, 0.7, 23.83S, 0.09, 179.6W, 0.11, h500km, n29, c1841/30, mb4.0/11, South of Fiji Islands

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

DDA 07 14:35:15.4, 38.23N, 34.02E, h3km, MD2.7, Error ellipse: s-maj=6.2km s-min=5.3km az=141.6

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

DDA 07 14:35:15.4, 38.23N, 34.02E, h3km, MD2.8, Error ellipse: s-maj=4.4km s-min=4.1km az=124.0

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

ISC 07 15:01:06.2, 24.0, 17.78S, 171.49W, h0km, mb3.9/4, mb1 4/14, mb1mx3.7/8S, mbmtmp4.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.5/29, Error ellipse: s-maj=449.3km s-min=156.7km az=73.0, Tonga Islands region

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

ISCJB 07 15:05:41.2, 0.3, 37.12N, 0.03, 71.86E, 0.04, h150km, mb3.9/18, Error ellipse: s-maj=4.1km s-min=3.5km az=162.9

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

ISC 07 15:05:41.3, 0.5, 37.05N, 0.05, 71.90E, 0.05, h150km, n98, Error ellipse: s-maj=20.6km s-min=17.8km az=63.0

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

1535/98, mb4.0/18, 8C-14D, Afghanistan-Tajikistan

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Cherat, Chirah Chowk, etc.

7dW 16h

Table with columns: Dawy, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Dawson, DAWY, DAWY.

SJA 07 15:55:45.0,4.24,14S:66:20W,h274km,11km,ML2,9, MW3.3
ISCJB 07 15:55:50.2,0.6,24:01S:07:66:87W,0.06,h181km, Error ellipse: s-maj=11.3km s-min=5.4km az=32.4

GUC 07 15:55:51.2,0.4,23:75N:67:32W,h238km,13km,ML4,1
ISC 07 15:55:49.1,1.3,24.04S:07:66:77W,0.06,h181km,n15, 116, 05:38/26, Turkey

Main station list for the 7dW 16h section, including stations like SLA, AZAP, ASTB, FSA, etc.

ISK 07 16:05:05.8,38:74N:29:82E,h5km,MD2.4
DDA 07 16:05:06.6,38:72N:29:78E,h7km,MD2.6

CSEM 07 16:05:06.5,0.1,38:71N:29:80E,h2km,MD2.6, Error ellipse: s-maj=3.2km s-min=2.5km az=127.0

ISC 07 16:05:06.4,1.3,38:72N:03:29:81E,0.04,h4km,14km, n16, 05:38/26, Turkey

Station list for the 7dW 16h section, including stations like KHAL, DEMI, KULA, MANT, BORA, etc.

PRU 07 16:15:32.8,43:67N:17:83E,h2km
PDG 07 16:15:32.7,0.2,43:62N:17:40E,h4km,ML2.9/13, Error ellipse: s-maj=0.6km s-min=0.7km az=0.0

BEO 07 16:15:32.9,0.3,43:68N:17:33E,h7km,4km,ML2.6/1
CSEM 07 16:15:33.9,0.3,43:67N:17:56E,h2km,ML2.6, Error ellipse: s-maj=7.5km s-min=3.6km az=57.0

VIE 07 16:15:36.1,1.0,43:88N:17:62E,h10km,mb2.8/3,ml2.7/3, Error ellipse: s-maj=11.0km s-min=9.9km az=40.0

ISC 07 16:15:33.8,1.2,43:75N:02:17:80E,0.03,h0km,10km, n78, 05:34/121, 27C-4ZD, Northwestern Balkan Peninsula

Main station list for the 7dW 16h section, including stations like BANJA, BRY, UNAC, etc.

2010 DEC

Station list for the 2010 DEC section, including stations like Podgorica, Sjenica, Ivanjica, etc.

GUC 07 16:31:31.1,0.4,20:21S:69:24W,h98km,4km,ML3.5, 2C-2D, Northern Chile

Station list for the 2010 DEC section, including stations like PB01, PSCG, MNMC, etc.

DDA 07 16:31:41.5,41:04N:43:97E,h7km,MD2.8
TIF 07 16:31:41.4,41:10N:43:99E,h7km,2km

CSEM 07 16:31:41.9,0.2,41:05N:43:97E,h2km,MD2.8, Error ellipse: s-maj=6.0km s-min=5.5km az=146.5

ISCJB 07 16:31:42.0,0.8,41:04N:03:43:98E,0.04,h1km,7km, Error ellipse: s-maj=6.7km s-min=4.0km az=179.1

ISC 07 16:31:42.0,1.1,41:05N:03:43:98E,0.03,h10km,9km, n16, 05:45/31, Turkey-Georgia-Armenia border region

Station list for the 2010 DEC section, including stations like BGD, EAK, AKH, etc.

ISCJB 07 16:34:16.5,0.6,35:29N:0:05:92:28W,0.03,h10km, Error ellipse: s-maj=6.7km s-min=4.0km az=179.1

NEIC 07 16:34:16.0,35:31N:92:31W,h5km,MD2.6(CERI), After CERI

NEIC Felt at Greenbrier. ISC 07 16:34:16.1,0.9,35:29N:0:06:92:33W,0.03,h10km,n14, 1527/19, Arkansas

Station list for the 2010 DEC section, including stations like UALR, MIAR, HBAR, etc.

268

Station list for the 268 section, including stations like W38A, GNAR, U38A, etc.

ISCJB 07 16:35:00.7,0.1,25:10S:08:178:6W,0.2,h400km, mb3.7/3, Error ellipse: s-maj=19.0km s-min=11.0km az=2.3

IDC 07 16:35:04.2,2.0,25:05S:178:70W,h414km,27km,mb3.4/3, mb1 3.7/7, mb1mx3.3/45, mb1bmx4.5/7, Error ellipse: s-maj=38.6km s-min=27.1km az=156.0

ISC 07 16:35:02.4,1.0,25:15S:0:09:178:8W,0.1,h400km,n9, 116, 05:10/10, mb3.7/3, South of Fiji Islands

Station list for the 268 section, including stations like RAO, AFI, URZ, etc.

ISK 07 16:36:33.8,35:32N:28:46E,h6km,MD3.3
DDA 07 16:36:36.3,35:34N:28:38E,h28km,MD3.3

CSEM 07 16:36:37.8,0.3,35:42N:28:48E,h10km,MD3.5, Error ellipse: s-maj=8.4km s-min=3.3km az=155.0

ATH 07 16:36:38.8,35:40N:28:47E,h38km,4km,MD3.5, Error ellipse: s-maj=39.2,0.8,35:33N:0:06:28:49E,0.05,h36km, Error ellipse: s-maj=10.0km s-min=9.0km az=153.7

ISC 07 16:36:41.4,1.4,35:43N:0:06:28:49E,0.04,h36km,n46, 116, 05:56/6, Eastern Mediterranean Sea

Main station list for the 268 section, including stations like ARG, KSL, AKAS, etc.

MAN 07 16:56:08.9,00N:124:22E,h33km,mb4.3,ML3.2,MS3.0, 1C,Mindanao

Station list for the 268 section, including stations like CGP, MSLP, BUKP, etc.

ISC 07 16:58:48.6,0.9,51:54N:0:04:16:10E,0:03,h0km,n14, 116, 05:10/10, Poland

Station list for the 268 section, including stations like KSP, UPIC, DPC, etc.

GOPC	ePg	Pg	16 59 23.5	-0.1
GOPC	eSg	Sb	16 59 46.3	0.0
comp=Z,15nm,0.6s				
PRU	ePg	Pg	16 59 23.4	-0.4
PRU	ex	Sb	16 59 40.3	0.0
PRU	eSg	Sb	16 59 46.8	+0.1
comp=Z,26nm,0.5s				
CLL	ePn	Pn	16 59 23.0	0.0
CLL	ePg	Pg	16 59 26.0	0.0
CLL	iSg	Sg	16 59 52.9	+1.6
comp=Z,19nm,0.5s				
OKC	ePn	Pn	16 59 25.4	-0.2
OKC	ePg	Pb	16 59 28.8	+0.5
OKC	eSg	Sb	16 59 55.4	0.0
comp=Z,15nm,0.5s				
OJC	ePg	Pg	16 59 40.2	+0.1
OJC	eSg	Sg	17 00 14.8	-0.2
KHC	ePn	Pn	16 59 36.8	+0.7
KHC	ePg	Pb	16 59 42.3	+1.1
KHC	eSg	Sb	17 00 11.0	-0.6
KHC	eLg	Lg	17 00 20.8	-0.9
comp=Z,12nm,0.5s				
LANS	ePn	Pn	16 59 40.2	-0.2
LANS	ePg	Pg	16 59 52.2	+1.9
LANS	eSg	Sb	17 00 31.4	-0.6
LANS	eLg	Lg	16 59 49.5	+0.5
BSD	iS	Sn	17 00 26.9	-3.1
STHS	ePn	Pn	16 59 50.3	+0.4
STHS	ePg	Pg	17 00 03.2	-0.3
STHS	eSg	Sb	17 00 56.7	+2.5
STHS	eLg	Lg	17 01 18.1	

IDC 07 17:09:55.8,-1.5, 30.2'N;130.98'E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.3/40, mbtmp3.5/5, ML2.4/1, MS3.3/10, Ms1 3.3/10, ms1mx3.0/36, Error ellipse: s-maj=72.2km s-min=22.1km az=75.0

ISCJB 07 17:09:58.5,-1.2, 30.63'N;131.61'E, h0.0, h41km, 12km, mb3.6/4, MS3.3/8, Error ellipse: s-maj=13.9km s-min=5.6km az=24.6

JMA 07 17:09:58.0,-0.1, 30.61'N;131.59'E, h29km, 2km, M3.4, ISC 07 17:00:02.1, 4.30666'N;107.4315'E, 0.1, h38km, 3km, n25, c095/55, mb3.6/4, MS3.3/8, Ykushu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
JTN	Tanegashima 3	0.46	27	Op	Pn	17 10 08.5	-1.6
JTN				S	Sn	17 10 16.3	-1.0
JTSR	Tashiro 2	0.72	315	P	Pn	17 10 12.8	-1.0
JTSR				S	Sn	17 10 33.3	+0.2
JNAR	Kushima-Naru	0.89	347	P	Pn	17 10 15.3	-0.5
JNAR				eS	Sn	17 10 28.6	+0.7
JYAK	Yakushimahirau	0.96	244	P	Pn	17 10 16.3	-0.8
JYAK				eS	Sn	17 10 31.2	+1.7
JKC	Kuchinoerabu	1.15	261	P	Pn	17 10 19.7	0.0
JKC				eS	Sn	17 10 35.9	+1.7
JSU	Zuzyuama	1.24	313	P	Pn	17 10 20.4	-0.6
JSU				eS	Sn	17 10 37.5	+1.0
JTZ	Takazaki	1.29	344	P	Pn	17 10 21.5	-0.2
JTZ				eS	Sn	17 10 38.9	+1.2
JTSN	Tsuno	1.58	360	P	Pn	17 10 25.1	-0.6
JTSN				eS	Sn	17 10 42.5	+0.3
JNO	Nakanoshima	1.63	241	eS	Sn	17 10 47.4	+1.3
JZO	Okuchi	1.67	332	P	Pn	17 10 26.8	-0.1
JZO				eS	Sn	17 10 48.2	+1.1
JNO	Nakatsue	2.52	348	Pn	Pn	17 10 38.8	+0.2
JNO				Sn	Sn	17 11 08.1	+0.2
JNO				Sn	Sn	17 11 08.1	+0.2
KSRS	Korea Array	7.40	337	LR	LR	17 14 56.2	
MJAR	Matsushiro Arr	8.10	42	LR	LR	17 15 42.8	
GUMO	Guam	20.59	141	LR	LR	17 20 40.4	
SOMM	Songtao Array	25.76	319	LR	LR	17 27 02.4	
TLY	Talaya	29.39	324	LR	LR	17 29 25.6	
CMAR	Chiang Mai Arr	31.90	255	LR	LR	17 31 07.5	
ZALV	Zalesovo Beam	66.93	338	LR	LR	17 36 04.9	
MKAR	Makanchi Array	40.94	307	LR	LR	17 36 10.2	
BVAR	Borovoye Array	49.02	316	P	P	17 18 42.3	-0.8
WRA	Warramunga Arr	50.38	177	P	P	17 18 53.7	0.0
ASAR	Alice Springs	48.59	177	P	P	17 19 21.4	+0.4
GEYT	Alibeck	59.65	299	LR	LR	17 49 39.3	
ARCES	ARCES Array B	66.93	338	LR	LR	17 54 10.5	
BRTR	Reskin Array B	76.59	308	P	P	17 21 47.2	+0.2

IDC 07 17:21:06.0,-2.2, 28.06'S;64.29'E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.5/34, mbtmp3.7/4, MS2.5/1, Ms1 2.7/1, ms1mx2.4/33, Error ellipse: s-maj=77.2km s-min=30.0km az=39.0, Indian Ocean Triple Junction

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
H0S81	Diego Garcia H	21.73	22	T	T	17 48 10.9	
H0S82	Diego Garcia H	21.74	22	T	T	17 48 12.9	
H0S83	Diego Garcia H	21.75	22	T	T	17 48 14.1	
CMAR	Chiang Mai Arr	31.93	40	P	P	17 50 54.6	0.0
CMAR				LR	LR	17 51 37.5	
ASAR	Alice Springs	48.59	177	P	P	17 31 28.4	-0.3
WRA	Warramunga Arr	63.74	100	P	P	17 31 40.0	-0.1
BRTR	Reskin Array B	73.23	336	P	P	17 32 38.2	-0.8
YKA	Yellowknife Arr	145.56	359	PKPbc	PKPab	17 40 46.4	+0.5

ISK 07 17:29:20.9, 39.21'N;25.24'E, h27km, MD3.1, ISCJB 07 17:29:21.7, 0.7, 39.19'N;0.02, 25.75'E, 0.0/4, h1km, 5km, Error ellipse: s-maj=13.5km s-min=3.5km az=160.7

THE 07 17:29:21.9, 39.20'N;25.79'E, h0km, ML2.3/5, Error ellipse: s-maj=0.9km s-min=0.4km az=98.0

DDA 07 17:29:21.2, 39.19'N;25.73'E, h7km, MD3.0, CSEM 07 17:29:21.0, 0.4, 39.20'N;25.71'E, h2km, ML2.3, Error ellipse: s-maj=9.0km s-min=6.2km az=60.0

ISC 07 17:29:21.2,-1.0, 39.20'N;102.25, 75E, 0.0/3, h5km, 7km, n48, c058/66, Aegean Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
SIGR	SIGRI	0.08	84	P	Pn	17 29 23.2	+0.2
SIGR				S	Sg	17 29 24.3	0.0
SIGR	SIGRI	0.08	84	P	Pn	17 29 23.2	+0.2
SIGR				S	Sg	17 29 24.3	0.0
PRK	Paraskevi	0.41	84	P	Pn	17 29 29.4	+0.3
PRK				S	Sg	17 29 29.4	+0.3
PRK	Paraskevi	0.41	84	P	Pn	17 29 29.4	+0.3
PRK				S	Sg	17 29 29.4	+0.3
BOZC	Bozcaada	0.68	20	P	Pn	17 29 34.9	+0.4
BOZC				S	Sb	17 29 44.9	-0.4
AYVA	Ayvalik	0.74	81	P	Pn	17 29 35.5	+0.1
AYVA				S	Sb	17 29 44.9	-0.4
AYVA	Ayvalik	0.74	81	iP	Pn	17 29 35.5	+0.1
AYVA				iS	Sb	17 29 46.7	-0.3
LIA	Limnos Island	0.82	328	P	Pn	17 29 38.1	+0.1
LIA				S	Sb	17 29 51.0	-1.0
CHOS	Chios Island	0.85	163	P	Pn	17 29 38.1	+0.6
CHOS				S	Sb	17 29 50.5	+0.3
CHOS	Chios island	0.85	163	P	Pn	17 29 38.1	+0.6
CHOS				S	Sb	17 29 50.5	+0.3
URLA	Izmir	1.07	141	iP	Pn	17 29 41.9	+0.2
URLA				iS	Sb	17 29 56.4	-0.1

URLA	Izmir	1.07	141	iP	Pg	17 29 41.9	+0.2
URLA				iS	Sb <td>17 29 56.4</td> <td>-0.1</td>	17 29 56.4	-0.1
ZEY	zmir	1.13	148	P	Pg <td>17 29 43.1</td> <td>+0.3</td>	17 29 43.1	+0.3
SMTH	Samothraki Isl	1.28	353	P	Sg <td>17 29 45.7</td> <td>+0.1</td>	17 29 45.7	+0.1
SMTH				S	Sn <td>17 29 49.0</td> <td>0.0</td>	17 29 49.0	0.0
SMTH	Samothraki Isl	1.28	353	P	Pb <td>17 29 45.7</td> <td>+0.1</td>	17 29 45.7	+0.1
SMTH				S	Sn <td>17 30 04.5</td> <td>+1.2</td>	17 30 04.5	+1.2
GELI	Tayfur-Gelibol	1.32	25	ePn	Pb <td>17 29 46.4</td> <td>-0.1</td>	17 29 46.4	-0.1
GELI	Tayfur-Gelibol	1.32	25	ePn	Pb <td>17 29 46.4</td> <td>-0.1</td>	17 29 46.4	-0.1
AOS	Alonnisos	1.45	269	P	Pg <td>17 29 49.0</td> <td>0.0</td>	17 29 49.0	0.0
AOS	Alonnisos	1.45	269	P	Pg <td>17 29 49.0</td> <td>0.0</td>	17 29 49.0	0.0
DGB	zmir	1.45	142	P	Pn <td>17 29 47.6</td> <td>-0.5</td>	17 29 47.6	-0.5
BALY	Balya	1.54	69	iP	Pn <td>17 29 49.2</td> <td>-0.3</td>	17 29 49.2	-0.3
BALY	Balya	1.54	69	iP	Pn <td>17 29 49.2</td> <td>-0.3</td>	17 29 49.2	-0.3
ERIK	Erikli-Kesan	1.58	22	ePn	Pg <td>17 29 50.7</td> <td>-0.2</td>	17 29 50.7	-0.2
ERIK				eS	Sn <td>17 30 11.7</td> <td>-0.3</td>	17 30 11.7	-0.3
ERIK	Erikli-Kesan	1.58	22	ePn	Pg <td>17 29 50.7</td> <td>-0.2</td>	17 29 50.7	-0.2
ERIK				eS	Sn <td>17 30 11.7</td> <td>-0.3</td>	17 30 11.7	-0.3
ALN	Alexandroupoli	1.71	8	ePn	Pn <td>17 29 50.9</td> <td>-0.8</td>	17 29 50.9	-0.8
ALN	Alexandroupoli	1.71	8	ePn	Pn <td>17 29 50.9</td> <td>-0.8</td>	17 29 50.9	-0.8
ALN	Alexandroupoli	1.71	8	P	Sg <td>17 29 51.7</td> <td>0.0</td>	17 29 51.7	0.0
ALN	Alexandroupoli	1.71	8	P	Sg <td>17 29 51.7</td> <td>0.0</td>	17 29 51.7	0.0
BALB	Balikesir	1.71	75	ePn	Pg <td>17 29 55.0</td> <td>+1.0</td>	17 29 55.0	+1.0
BALB	Balikesir	1.71	75	ePn	Pg <td>17 29 55.0</td> <td>+1.0</td>	17 29 55.0	+1.0
GONR	Gonen-Balikesi	1.72	60	ePn	Pg <td>17 29 54.9</td> <td>+0.7</td>	17 29 54.9	+0.7
GONR	Gonen-Balikesi	1.72	60	ePn	Pg <td>17 29 54.9</td> <td>+0.7</td>	17 29 54.9	+0.7
OUR	Ouranopolis	1.77	310	ePn	Pn <td>17 29 46.4</td> <td>-6.1</td>	17 29 46.4	-6.1
RKY	Sarkoy-Tekirda	1.85	36	ePn	Pb <td>17 29 55.3</td> <td>-0.2</td>	17 29 55.3	-0.2
RKY	Sarkoy-Tekirda	1.85	36	ePn	Pb <td>17 29 55.3</td> <td>-0.2</td>	17 29 55.3	-0.2
EDC	Edincik	1.99	54	ePn	Pb <td>17 29 58.5</td> <td>+0.6</td>	17 29 58.5	+0.6
EDC				eS	Sn <td>17 30 11.7</td> <td>-0.3</td>	17 30 11.7	-0.3
MRMT	Marmara Adasi	1.99	45	ePn	Pb <td>17 29 57.9</td> <td>-0.1</td>	17 29 57.9	-0.1
MRMT	Marmara Adasi	1.99	45	ePn	Pb <td>17 29 57.9</td> <td>-0.1</td>	17 29 57.9	-0.1
AYDB	Zeytinli-Aydi	2.10	126	ePn	Pb <td>17 29 59.7</td> <td>-0.1</td>	17 29 59.7	-0.1
AYDB	Zeytinli-Aydi	2.10	126	ePn	Pb <td>17 29 59.7</td> <td>-0.1</td>	17 29 59.7	-0.1
EDRB	Edirne	2.75	16	ePn	Pb <td>17 30 06.2</td> <td>+0.3</td>	17 30 06.2	+0.3
EDRB				eS	Sn <td>17 30 11.7</td> <td>-0.3</td>	17 30 11.7	-0.3
ARMT	Armutlu	2.76	59	ePn	Pb <td>17 30 09.5</td> <td>-1.5</td>	17 30 09.5	-1.5
ARMT	Armutlu	2.76	59	ePn	Pb <td>17 30 09.5</td> <td>-1.5</td>	17 30 09.5	-1.5
TVSB	Tavasani	2.89	84	ePn	Pb <td>17 30 12.1</td> <td>-1.2</td>	17 30 12.1	-1.2
TVSB	Tavasani	2.89	84	ePn	Pb <td>17 30 12.1</td> <td>-1.2</td>	17 30 12.1	-1.2

IDC 07 17:32:22.6,-2.5, 19.87'S;173.71'W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.8/21, mbtmp3.6/5, MS3.1/2, Ms1 3.0/2, ms1mx2.6/32, Error ellipse: s-maj=197.1km s-min=23.4km az=155.0, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
PPT	Papeete	22.96	88	LR	LR	17 43 26.9	
STKA	Stephens Creek	41.69	244	LR	LR	17 54 35.3	
ASAR	Alice Springs	48.59	256	P	P	17 41 07.9	-0.4
ASAR				PcP	PcP	17 42 34.5	+0.3
WRA	Warramunga Arr	48.68	261	P	P	17 41 08.4	-0.7
NVAR	Norfolk Array	77.84	41	P	P	17 44 22.9	+0.5
TXAR	Lajitas Array	83.34	56	P	P	17 44 52.4	+0.4
PDAR	Pinedale Array	85.77	42	P	P	17 45 02.4	-1.8
BRTR	Reskin Array B	149.29	316	PKPbc	PKPbc	17 52 14.8	+0.9

CSEM 07 17:42:21.0, 39.90'N;29.47'W, h10km, ML3.1, After PDA, PDA 07 17:42:21.0, 0.9, 39.90'N;29.47'W, h10km, MD3.8, ML3.1, Error ellipse: s-maj=26.3km s-min=8.0km az=63.0, Azores Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
CALA	Caldeira	1.44	155	eS	Pn	17 42 45.5	-4.8
CALA	Caldeira	1.44	155	eS	Pn	17 42 58.9	-7.4
CALA	Caldeira	1.44	155	eS	Pn	17 42 42.5	-4.9
ROSA	Rosais	1.51	141	eS	Sn	17 42 58.9	-7.4
ROSA				A	A	17 43 00.2	-7.7
ROSA				A	A	17 43 01.5	
ROSA				Sn	Sn	17 43 00.2	-7.7
PICO	Pico	1.61	150	eS	Pn	17 42 45.4	-4.2
PICO	Pico	1.61	150	eS	Pn	17 43 03.1	-7.4
PICO	Pico	1.61	150	eS	Pn	17 42 45.4	-4.2
PICO	Pico	1.61	150	eS	Pn	17 43 03.1	-7.4
PCAN	Candelaria	1.62	152	eS	Pn	17 42 44.6	-5.1
PCAN				A	A	17	

		2010 DEC										7d 18h													
277	BTO	Baotou	41.04	276	eP	P	18 25	23.6	+0.7	K04D	Chiloquin, OR	45.50	75	P	P	18 25	57.8	-1.1	LZH		sS	sS	18 33	17.2	-2.4
	KIP	Kipapa	41.12	130	eP	P	18 25	24.5	+0.9	YBH	Yreka Blue Hor	45.53	77	LR	LR	18 41	43.4		LZH		sS	SS	18 36	30.2	-8.7
	KIP	comp=Z,1µm,1.6s				MLR	MLR			YBH	Yreka Blue Hor	45.53	77	eP	P	18 25	59.5	+0.4	LZH	comp=Z,340nm,1.3s		PMZ			
	KIP	comp=Z,8µm,19.0s								YBH	Yreka Blue Hor	45.53	77	eP	P	18 25	59.5	+0.4	LZH	comp=Z,870nm,4.2s					
	KIP	comp=Z,1µm,1.6s	41.12	130	eP	P	18 25	24.5	+0.9	YBH	comp=Z,1.75nm,1.3s								LZH	comp=Z,9µm,15.0s		LN			
	SSE	Sheshan	41.13	256	UP	P	18 25	26.4	+2.8	YBH	Yreka Blue Hor	45.53	77	eP	P	18 25	59.5	+0.4	LZH	comp=Z,7µm,14.2s		LE			
	SSE	comp=Z,41nm,1.0s				PMZ				M02C	Callahan	45.67	77	P	P	18 27	47.5	+2.1	LZH	comp=Z,1.0µm,16.3s					
	SSE	comp=Z,210nm,3.5s								TATO	Taipei	45.68	250	eP	LR	18 26	01.1	+0.8	LZH	comp=Z,7µm,14.2s		LE			
	HON	Honolulu	41.22	130	eP	P	18 25	26.3	+2.0	TATO	comp=Z,1.75nm,1.3s								LZH	comp=Z,7µm,14.2s		LZ			
	HON	comp=Z,730nm,1.4s								WALA	Waterton Lakes	45.80	63	eP	P	18 26	00.6	-0.6	LZH	comp=Z,7µm,14.2s		LE			
	HON	Honolulu	41.22	130	eP	P	18 25	26.3	+2.0	WALA	comp=Z,639nm,1.4s								LZH	comp=Z,7µm,14.2s		LE			
	HON	comp=Z,732nm,1.5s								I07A	Izoh	45.84	72	eP	P	18 26	01.6	+0.1	LZH	comp=Z,7µm,14.2s		LE			
	A04D	Lummi Island	41.28	69	P	P	18 25	23.4	-1.2	F10A	Beach Ranch, E	45.91	69	eP	P	18 26	01.7	-0.4	LZH	comp=Z,7µm,14.2s		LE			
	A04D	baz=41								KMRM	Mall Ridge	45.94	79	eP	P	18 26	03.4	+1.0	LZH	comp=Z,7µm,14.2s		LE			
	NLWA	Neilton Lookou	41.40	71	eP	P	18 25	26.2	+0.6	KMRM	comp=Z,2.26nm,1.2s								LZH	comp=Z,7µm,14.2s		LE			
	NLWA	comp=Z,372nm,1.3s								YHNB	Yeheng	45.99	250	eP	LR	18 26	02.6	-0.3	LZH	comp=Z,7µm,14.2s		LE			
	NLWA	comp=Z,6µm,22.0s								YHNB	comp=Z,4µm,22.0s								LZH	comp=Z,7µm,14.2s		LE			
	TIY	Taiyuan	41.53	270	eP	S	18 25	27.2	+0.3	M04C	Macdoel	45.99	76	P	P	18 26	02.0	-0.8	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,250nm,1.5s				PMZ				N02D	Trinity Center	46.02	78	P	P	18 26	02.9	-0.1	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,15.3s				LN				BSMT	Bassoo Peak	46.07	65	eP	P	18 26	02.7	-0.7	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LE				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,3µm,14.9s				LZ				XAN	XAN	46.12	269	P	P	18 26	03.5	-0.3	LZH	comp=Z,7µm,14.2s		LZ			
	TIY	comp=Z,6µm,17.2s				LZ				XAN	XAN														

7d 18h

Table with columns for ID, Name, Address, and various numerical values. Includes entries like R30A Dighton, M35A Neola, S29A Ulysses, etc.

2010 DEC

Table with columns for ID, Name, Address, and various numerical values. Includes entries like MSTX Muleshoe, CPXK Cap Rock, T33A Patton Ranc, etc.

280

Table with columns for ID, Name, Address, and various numerical values. Includes entries like ODAN Odare, NC602 NORSTAR Array S, SDKM Sandakan, etc.

232A	Coleman	65.46	69	P	P	18 28 21.7	-0.8	KHLT	Khaolaem Dam	66.77	263	P	P	18 28 33.6	+2.6	NATX	comp=Z,4µm,22.0s		LR	LR	
331A	San Angelo	65.48	70	P	P	18 28 21.8	-0.8	SNART	Snartemo	66.80	350	eP	P	18 28 32.2	+1.6	536A	Bastrop	68.27	69	P	P
UMPA	Umpang Tak	65.50	264	P	P	18 28 25.9	+3.0	LMQ	La Malbaie	66.80	39	eP	P	18 28 30.7	-0.1	PCI	comp=Z,128nm,1.8s,comp=Z,2µm	68.31	235	P	P
AAM	Ann Arbor	65.52	51	eP	P	18 28 23.1	+0.5	SRDT	SRDT	66.82	262	P	P	18 28 32.9	+1.6	MCD	Coleburn Disti	68.33	356	eP	P
AAM	comp=Z,282nm,1.4s							631A	Perdido Creek	66.84	72	P	P	18 28 30.2	-1.2	833A	Chaparral WMA,	68.34	71	P	P
AAM	comp=Z,5µm,19.0s							NACGM	Naroch	66.86	337	eP	LR	18 28 30.0	-1.1	WVT	Waverly	68.38	58	eP	P
AAM	Ann Arbor	65.52	51	eP	P	18 28 23.1	+0.5	NACGM	Lockesburg	66.88	64	P	P	18 28 30.0	-1.1	WVT	comp=Z,146nm,1.3s	68.38	58	eP	P
AAM	comp=Z,282nm,1.4s							Y39A	Storozhevoye	66.88	328	eP	P	18 28 30.3	-0.9	WVT	comp=Z,146nm,1.3s				
AAM	comp=Z,5µm,19.0s							VSR	comp=N,40nm,0.8s					18 30 58.5		PQI	Presque Isle	68.39	38	eP	PP
NAYO	Nakonayok	65.57	260	P	P	18 28 25.1	+1.8	VSR	comp=E,20nm,0.8s							734A	La Parita Cree	68.40	71	P	P
Z35A	Perchaven, San	65.56	66	P	P	18 28 22.2	-1.5	VSR	comp=Z,50nm,0.8s							635A	Leesville	68.41	70	P	P
UTHA	Uthaitani	65.67	263	P	P	18 28 25.6	+1.7	VSR	comp=N,50nm,1.4s							MUD	Monsted U'grnd	68.43	348	/P	P
X37A	Clayton	65.70	64	P	P	18 28 23.0	-0.9	VSR	comp=Z,90nm,1.4s							MUD	Monsted U'grnd	68.43	348	/P	P
LPSR	Galich'ya Gora	65.75	329	eP	P	18 28 22.3	-1.6	VSR	comp=N,30nm,1.5s							SUU	Suwalki	68.47	339	eP	LR
LPSR	comp=Z,40nm,1.1s							VSR	comp=E,30nm,1.3s							SUU	Suwalki	68.47	339	eP	LR
LPSR	comp=N,30nm,1.5s							VSR	comp=Z,4µm,20.0s							SUU	Suwalki	68.47	339	eP	LR
LPSR	comp=E,20nm,1.5s							VSR	comp=N,2µm,20.0s							MDO	Dochfou	68.52	356	eP	P
LPSR	comp=Z,2µm,15.0s							VSR	comp=N,2µm,20.0s							438A	Sam Houston St	68.61	67	P	P
LPSR	comp=N,2µm,14.0s							Z38A	Mt. Pleasant	66.94	65	P	P	18 28 30.5	-1.4	MDV	Middlebury	68.65	43	eP	P
LPSR	comp=E,11µm,20.0s							MICGM	Minsk	66.98	337	eP	P	18 28 31.0	-0.8	339A	Huntington	68.65	66	P	P
Y36A	Durant	65.75	65	P	P	18 28 23.5	-0.8	MICGM	comp=Z,0.2nm,1.0s							537A	Green Hill Far	68.67	68	P	P
233A	Rising Star	65.77	69	P	P	18 28 23.9	-0.6	MICGM	comp=N,0.3nm,1.2s							636A	Smothers Creek	68.73	69	P	P
W38A	Poteau	65.78	63	P	P	18 28 23.5	-1.0	MICGM	comp=N,0.3nm,1.2s							735A	Kenedy	68.81	70	P	P
134A	White-Moore Ra	65.80	66	P	P	18 28 24.0	-0.6	MICGM	comp=N,0.3nm,1.2s							OXF	Oxford	68.86	60	eP	P
332A	Millersview	65.80	70	P	P	18 28 23.9	-0.8	MICGM	comp=N,0.3nm,1.2s							OXF	comp=Z,813nm,1.3s	68.86	60	eP	P
BL5S	Bliss	65.81	350	eP	S	18 28 23.6	-0.6	MICGM	comp=N,0.3nm,1.2s							OXF	Oxford	68.86	60	eP	P
BL5S	Bliss	65.81	350	eP	S	18 28 23.6	-0.6	MICGM	comp=N,0.3nm,1.2s							340A	Bronson	68.94	65	P	P
431A	Sonora	65.85	71	P	P	18 28 24.3	-0.8	MICGM	comp=N,0.3nm,1.2s							LBNH	Lisbon	68.95	42	eP	P
530A	J-O Ranch, Com	65.86	72	P	P	18 28 24.0	-1.1	MICGM	comp=N,0.3nm,1.2s							LBNH	comp=Z,110nm,1.0s	68.95	42	eP	P
HPIG	comp=E,107nm,1.3s							MNK	comp=Z,3.2nm,18.0s	66.98	337	eP	P	18 28 31.0	-0.8	933A	Laredo	68.96	72	P	P
SLBS	Sierra La Lagu	65.89	83	eP	P	18 28 26.1	+0.7	MNK	comp=Z,3.2nm,18.0s							439A	Center Grove,	68.96	66	P	P
X38A	Whitesboro	65.93	64	P	P	18 28 24.5	-0.9	MNK	comp=Z,3.2nm,18.0s							834A	Tilden	68.96	71	P	P
Y37A	Hugo	66.04	65	P	P	18 28 25.0	-1.1	MNK	comp=Z,3.2nm,18.0s							ACCN	Adirondack Com	68.96	44	eP	P
VRH	Novokhoporsky	66.09	327	eP	P	18 28 24.0	-2.2	MNK	comp=Z,3.2nm,18.0s							BINY	Binghamton	68.98	46	eP	P
VRH	comp=Z,60nm,0.6s							MNK	comp=N,300nm,1.2s						538A	Harpers Horsep	69.01	67	P	P	
VRH	comp=N,80nm,1.5s							MNK	comp=N,300nm,1.2s						HKT	Hockley	69.04	68	eP	P	
VRH	comp=E,50nm,1.6s							MNK	comp=N,300nm,1.2s						HKT	comp=Z,370nm,1.6s	69.04	68	eP	P	
VRH	comp=N,3µm,15.0s							MNK	comp=N,300nm,1.2s						PKME	comp=Z,370nm,1.6s	69.11	40	eP	P	
VRH	comp=Z,3µm,15.0s							MNK	comp=N,300nm,1.2s						PKME	Peaks-Kenny Ph	69.11	40	eP	P	
VRH	comp=E,2µm,14.0s							MNK	comp=N,300nm,1.2s						PKME	comp=Z,188nm,1.4s			LR	LR	
MRSI	Marisa	66.10	233	P	P	18 28 27.3	+0.6	PARMO	Parma	67.00	59	eP	P	18 28 31.6	-0.7	736A	Circle Diamond	69.14	69	P	P
PMG	Port Moresby	66.10	204	/P	P	18 28 27.3	+0.7	USIN	University of	67.02	57	eP	P	18 28 31.1	-1.2	637A	Eagle Lake	69.16	69	P	P
PMG	comp=Z,631nm,1.3s							137A	Heron Place, G	67.03	66	P	P	18 28 31.4	-1.1	835A	Beeville	69.23	70	P	P
PMG	comp=Z,144nm,1.2s							434A	Burnet	67.04	69	P	P	18 28 31.7	-0.9	HNN	Hanover	69.25	43	eP	P
PMG	comp=Z,2µm,22.0s							LUWI	Luwuk	67.05	232	P	P	18 28 33.0	+0.3	SBUM	Sibu	69.26	244	/P	P
PMG	comp=Z,2µm,22.0s							VORD	Divnogorie	67.06	328	eP	P	18 28 30.9	-1.5	SBUM	Sibu	69.26	244	/P	P
KMY	Karmoy	66.13	351	eP	P	18 28 25.4	-0.9	VORD	comp=N,20nm,0.6s							MCWV	Mont Chateau	69.36	50	eP	P
Z36A	Blue Ridge	66.15	66	P	P	18 28 25.6	-1.2	VORD	comp=Z,20nm,0.6s							934A	Benavides	69.39	71	P	P
432A	Menard	66.16	70	P	P	18 28 26.3	-0.7	VORD	comp=Z,20nm,0.6s							440A	Kirbyville	69.43	66	P	P
135A	Vickery Place,	66.17	67	P	P	18 28 26.2	-0.8	VORD	comp=E,30nm,0.9s							SSPA	Standing Stone	69.44	48	eP	P
234A	Clairette	66.20	68	P	P	18 28 26.4	-0.8	VORD	comp=Z,4µm,18.0s							539A	Cross D Ranch,	69.51	67	P	P
IZAR	Zarasai	66.20	338	eP	IAMB	18 28 26.8	0.0	VORD	comp=N,2µm,15.0s							WVL	Waterville	69.56	41	eP	P
IZAR	comp=Z,24nm,0.8s							236A	Katherine and	67.07	67	P	P	18 28 31.5	-1.3	737A	Port Lavaca	69.63	69	P	P
PLVO	Plevna	66.20	45	eP	P	18 28 26.7	-0.3	BNDI	Bandanaira	67.08	223	P	P	18 28 34.3	+1.4	SAUI	Saumlaki	69.69	220	P	P
OLIL	Olney	66.21	56	eP	P	18 28 25.9	-1.3	NLAI	Namae	67.08	227	P	P	18 28 34.6	+1.7	SAUI	Saumlaki	69.69	220	eP	P
333A	Richland Sprin	66.26	69	P	P	18 28 26.4	-1.2	335A	Moody	67.14	68	P	P	18 28 32.3	-0.9	034A	Hebronville	69.71	72	P	P
531A	Rocksprings	66.28	71	P	P	18 28 27.1	-0.8	UALR	University of	67.14	62	eP	P	18 28 33.3	+0.1	EAB	Aberfoyle	69.78	356	eP	P
ISAL	Salakas	66.39	338	eP	IAMB	18 28 28.0	0.0	533A	Kerville	67.19	70	P	P	18 28 32.6	-1.0	KVXT	Kingsville	69.78	71	eP	P
ISAL	comp=Z,20nm,0.9s							632A	Uvalde	67.21	71	P	P	18 28 33.0	-0.7	KVXT	comp=Z,440nm,1.4s			LR	LR
MSAI	Masohi	66.41	225	P	P	18 28 30.5	+1.9	138A	Mattalal Enter	67.34	65	P	P	18 28 33.3	-1.1	AFI	Afiamaul	69.83	160	P	LR
SIUC	Southern Illin	66.45	58	eP	P	18 28 28.0	-0.7	Z39A	Irene McRaven,	67.37	64	P	P	18 28 33.6	-1.0	AFI	comp=Z,2µm,19.0s	69.83	160	P	LR
JCT	Junction City	66.45	70	eP	P	18 28 27.7	-1.2	ACSO	Alum Creek Sta	67.46	52	eP	P	18 28 33.0	-2.2	540A	Vidor	69.84	66	P	P
JCT	comp=Z,290nm,1.2s							WCI	Wyandotte Cave	67.48	56	eP	P	18 28 33.0	-2.3	ESY	Stoneypath	69.97	355	eP	P
JCT	comp=Z,3µm,20.0s							WCI	comp=Z,302nm,1.4s						738A	Farr-Stevens R	70.00	67	P	P	
JCT	Junction City	66.45	70	eP	P	18 28 27.7	-1.2	WCI	Wyandotte Cave	67.48	56	eP	P	18 28 33.0	-2.3	BKB	Balikpang	70.04	237		

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Manton Dam, VRAC Tifton, LEOM Leova, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ISR Istrita, HARR Harsova, DZM Mont Dzumac, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CADS Cadrq, RCLA Racherla, RCLA RCLA, etc.

7d 18h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like CHBY, KOZT, NVR, KIZT, SKO, VLC, etc.

2010 DEC

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like DID, DLD, VLS, VLS, PBRO, etc.

284

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PTCN, PTCN, SNZO, SNZO, ANWB, etc.

Table with columns: PFO, Pinyon Flat Ob, 58.84 284 eP, P, 20 51 18.7 +0.7, etc. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like TMT, TMTI, TMTII, etc.

Table with columns: LUWI, NLAI, NLAI, KKM, KSM, WRAB, etc. Includes station codes and coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like GTOI, GTOI, LUWI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like PMG, PMG, WRAB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like RSSD, LAO, LAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes station codes like RAO, RAO, NIUE, etc.

7d 21h

ASAR Alice Springs 68.70 105 P P 21 36 05.2 +0.8
WRA Warramunga Arr 70.90 101 P P 21 36 17.3 -0.7
ILAR Eielson Array 147.00 17 PKPbc PKPbc 21 44 41.5 -0.9

ISCJB 07 21:29:42.0.0.5, 45.98N, 0.04, 106.63W, 0.05, h0km, Error ellipse: s-maj=5.7km s-min=4.5km az=174.8
IDC 07 21:29:42.8.1.4, 45.57N, 106.43W, h0km, mbt 3.4/2, mb1mx3.1/50, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=6.19km s-min=9.8km az=135.0

NEIC 07 21:29:42.9.0.7, 45.98N, 106.61W, h0km, ML2.7, Error ellipse: s-maj=5.7km s-min=9.2km az=153.0, Suspected Mining explosion

NEIC 10 km [5 miles] N of Colstrip. ISC 07 21:29:42.8.0.9, 45.95N, 0.05, 106.63W, 0.04, h0km, n19, c1548/27, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RLMT Red Lodge, RSSD Black Hills, EGMT Eagleton, etc.

LDG 07 21:30:51.4.0.2, 44.40N, 111.64E, h10km, ML2.7/15, Error ellipse: s-maj=2.0km s-min=2.0km az=92.0

ISCJB 07 21:30:52.1.0.3, 44.39N, 0.02, 111.45E, 0.03, h30km, 2km, Error ellipse: s-maj=4.0km s-min=3.5km az=179.3

ROM 07 21:30:52.4.0.1, 44.35N, 111.52E, h22km, 2km, MD2.5/10, MD2.3/11, Error ellipse: s-maj=2.3km s-min=2.0km az=64.0

CSEM 07 21:30:52.2.0.1, 44.35N, 111.49E, h20km, ML2.6/13, Error ellipse: s-maj=3.5km s-min=3.0km az=9.0

PRU 07 21:30:55.6, 44.46N, 111.65E, h20km, ISC 07 21:30:52.1.0.9, 44.37N, 0.02, 111.50E, 0.02, h25km, 5km, n63, c0996/103, 13, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTRZ Monterenzio, IMOL Imola, FIU Minerbio Fiu, CMPO Campotopo, FVND Fontana Vidola, ZCCA Zocca, SFI Santa Sofia, ASQU Asqua, POPM Popiglio, BDI Bagni Di Lucca, MAIM Mastiano, PARC Parchiule, TEOL Teolo, PIEI Pieia, FSSB Fossombrone, MARN Marana, SSFR Montelago di S, RNI Roncone, ZOU Zouplian, ABTA Abtalarbach, PGF Pioggiola, PGF Pioggiola.

2010 DEC

RISI Rein 2.61 9 Pg Pn 21 31 35.2 +2.4
RISI Rein 2.61 9 Pg Pn 21 31 35.2 +2.4
RISI Rein 2.61 9 ePn Pn 21 31 35.7 -2.5

SBF Sospel 2.97 262 ePn Pn 21 31 38.2 +0.5
SBF Sospel 2.97 262 ePn Pn 21 31 38.2 +0.5
SBF Sospel 2.97 262 ePn Pn 21 31 38.2 +0.5

MBDF Montbardon 3.40 278 ePn Pn 21 31 44.1 +0.5
MBDF Montbardon 3.40 278 ePn Pn 21 31 44.1 +0.5
MBDF Montbardon 3.40 278 ePn Pn 21 31 44.1 +0.5

LPG La Plagne 3.55 290 ePn Pn 21 31 46.2 +0.3
LPG La Plagne 3.55 290 ePn Pn 21 31 46.2 +0.3
LPG La Plagne 3.55 290 ePn Pn 21 31 46.2 +0.3

LPL La Plagne 3.57 290 ePn Pn 21 31 47.4 +0.3
LPL La Plagne 3.57 290 ePn Pn 21 31 47.4 +0.3
LPL La Plagne 3.57 290 ePn Pn 21 31 47.4 +0.3

FRF La Foret Royal 3.60 259 ePn Pn 21 31 46.8 +0.6
FRF La Foret Royal 3.60 259 ePn Pn 21 31 46.8 +0.6
FRF La Foret Royal 3.60 259 ePn Pn 21 31 46.8 +0.6

LMR La Moure 3.76 256 ePn Pn 21 31 48.8 +0.4
LMR La Moure 3.76 256 ePn Pn 21 31 48.8 +0.4
LMR La Moure 3.76 256 ePn Pn 21 31 48.8 +0.4

ORIF Orif 4.05 280 ePn Pn 21 31 52.8 +0.3
ORIF Orif 4.05 280 ePn Pn 21 31 52.8 +0.3
ORIF Orif 4.05 280 ePn Pn 21 31 52.8 +0.3

KHC Kasperske Hory 4.97 16 ePn Pn 21 32 06.2 +1.1
KHC Kasperske Hory 4.97 16 ePn Pn 21 32 06.2 +1.1
KHC Kasperske Hory 4.97 16 ePn Pn 21 32 06.2 +1.1

CFD Champ du Feu 4.98 326 ePn Pn 21 32 04.8 -0.5
CFD Champ du Feu 4.98 326 ePn Pn 21 32 04.8 -0.5
CFD Champ du Feu 4.98 326 ePn Pn 21 32 04.8 -0.5

SMF Signal de Mont 5.84 296 ePn Pn 21 32 17.0 0.0
SMF Signal de Mont 5.84 296 ePn Pn 21 32 17.0 0.0
SMF Signal de Mont 5.84 296 ePn Pn 21 32 17.0 0.0

LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3
LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3
LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3

LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3
LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3
LOR Lormes 6.07 301 ePn Pn 21 32 19.9 -0.3

AVF Avril sur Loir 6.21 296 ePn Pn 21 32 21.8 -0.2
AVF Avril sur Loir 6.21 296 ePn Pn 21 32 21.8 -0.2
AVF Avril sur Loir 6.21 296 ePn Pn 21 32 21.8 -0.2

ISCJB 07 21:32:56.4.0.5, 43.11N, 0.02, 187.76E, 0.04, h7km, 4km, Error ellipse: s-maj=4.8km s-min=2.7km az=20.4

CSEM 07 21:32:56.9.0.2, 43.10N, 0.02, 187.77E, h5km, ML2.6, Error ellipse: s-maj=4.6km s-min=2.6km az=103.0

PDG 07 21:32:57.3.0.3, 43.09N, 187.77E, h4km, 1km, MD2.7/5, MD2.6/11, Error ellipse: s-maj=0.4km s-min=0.8km az=0.0

BE0 07 21:32:57.2.0.6, 43.08N, 187.75E, h11km, 3km, ML2.3/1, ISC 07 21:32:57.1.0.9, 43.09N, 0.02, 187.80E, 0.03, h6km, 8km, n60, c0667/97, 27C-6D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, etc.

OHR Ohrid 2.49 142 i Pn Pg 21 33 44.5 +0.3
OHR Ohrid 2.49 142 i Pn Pg 21 33 44.5 +0.3
OHR Ohrid 2.49 142 i Pn Pg 21 33 44.5 +0.3

MDVR Moldovita 2.71 50 i Pn Pg 21 33 41.1 0.0
MDVR Moldovita 2.71 50 i Pn Pg 21 33 41.1 0.0
MDVR Moldovita 2.71 50 i Pn Pg 21 33 41.1 0.0

ZAPS Zavoj 2.83 85 ePn Pn 21 33 42.4 -0.3
ZAPS Zavoj 2.83 85 ePn Pn 21 33 42.4 -0.3
ZAPS Zavoj 2.83 85 ePn Pn 21 33 42.4 -0.3

PKSM Moragy 3.12 358 i Pn Pn 21 33 46.6 -0.1
PKSM Moragy 3.12 358 i Pn Pn 21 33 46.6 -0.1
PKSM Moragy 3.12 358 i Pn Pn 21 33 46.6 -0.1

BZS Buzias 3.24 38 i Pn Pn 21 33 48.7 +0.3
BZS Buzias 3.24 38 i Pn Pn 21 33 48.7 +0.3
BZS Buzias 3.24 38 i Pn Pn 21 33 48.7 +0.3

ISCJB 07 21:44:47.2.0.3, 7.20S, 0.03, 129.65E, 0.04, h139km, mb3.8/6, Error ellipse: s-maj=5.5km s-min=4.7km az=151.4

IDC 07 21:44:47.8.2.0, 7.15S, 129.65E, h131km, 1.7km, mb3.6/6, mb1 3.9/10, mb1mx3.6/34, mbtmp4.3/10, Error ellipse: s-maj=22.4km s-min=15.4km az=88.0

DJA 07 21:44:49.2.0.3, 7.2S, 131.0E, h143km, 7km, M4.7/19, mb4.6/19, mb5.3/9, MLV4.7/17, Mw(mb)4.8/9

AUST 07 21:44:50.3.0.0, 7.42S, 129.67E, h130km, Error ellipse: s-maj=1.0km s-min=0.8km az=237.0

ISC 07 21:44:49.4.0.6, 7.17S, 0.07, 129.68E, 0.06, h139km, n53, c150/52, mb3.7/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, BNDI Bandanaira, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NVAR, PDAR, SCHG, etc.

ISCJB 07 21:53:59.3, 0.9, 34.1, 35S, 0.04, 72.44W, 0.05, h24km, 6km, mb4.3/12, MS3.8/4, Error ellipse: s-maj=7.9km s-min=5.9km az=39.7

GUC 07 21:54:00.7, 0.5, 34.26S, 72.27W, h24km, 3km, ML4.3 NEIC 07 21:54:00.0, 34.26S, 72.27W, h24km, mb4.7/9, ML4.3(GUC), After GUC.

NEIC Felt [I] at San Antonio. IDC 07 21:54:02.1, 0.9, 34.35S, 72.19W, h29km, 5km, mb3.9/7, mb1.4, 0/11, mb1mx3.9/25, mbtmp4.0/11, ML3.8/4, MS3.5/6, Ms1.3, 5/6, ms1mx3.3/21, Error ellipse: s-maj=26.2km s-min=19.1km az=77.3

ISC 07 21:54:01.7, 0.7, 34.32S, 0.04, 72.30W, 0.07, h29km, 4km, mb3.9/11, mb4.3/13, MS3.7/4, 4C-15D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations like CHPI, NICH, TACH, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WRA, ZALV, MKAR, etc.

SJA 07 22:04:17.2, 2.1, 31.05S, 71.26W, h9km, 12km, ML2.5, MW2.7 GUC 07 22:04:20.5, 0.3, 34.79S, 72.02W, h17km, 9km, ML2.9

ISC 07 22:04:16.4, 2.6, 31.25S, 0.08, 71.7W, 0.11, h31km, 16km, n14, +016/18, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists stations like ROCI, PEL, RTLS, etc.

AUST 07 22:25:32.3, 3.48S, 131.51E, h0km IDC 07 22:25:33.7, 0.9, 3.31S, 131.34E, h0km, mb4.0/11, mb1.4, 2/14, mb1mx1.4/33, mbtmp4.1/14, ML4.2/3, MS3.1/4, Ms1.3, 1/4, ms1mx2.7/34, Error ellipse: s-maj=29.3km s-min=17.1km az=90.0

ISCJB 07 22:25:34.0, 4.0, 3.3, 4.7S, 0.03, 131.18E, 0.04, h24km, mb4.4/19, MS3.0/2, Error ellipse: s-maj=5.3km s-min=4.4km az=152.3

DJA 07 22:25:39.5, 0.4, 3.3, 5.6, 13.1E, h49km, 67km, M4.3/10, mb4.5/2, MLV4.2/10 NEIC 07 22:25:39.4, 1.0, 3.50S, 131.23E, h49km, 10km, mb4.5/15, Error ellipse: s-maj=9.7km s-min=8.3km az=59.0

ISC 07 22:25:36.2, 0.4, 3.4, 3.7S, 0.04, 131.18E, 0.04, h24km, n75, +183/75, mb4.3/19, Irian Jaya region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations like FAKI, BNDI, MSAI, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Lists stations like IPM, KULM, GSI, etc.

NNC 07 22:26:24.0, 4.0, 7.43, 43N, 78.46E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=18.0km s-min=2.6km az=179.0

KRNET 07 22:26:24.0, 3.0, 4.3, 36N, 78.45E, h0km, mb2.8, ISC 07 22:26:24.1, 3.4, 33.9D, 0.05, 78.46E, 0.03, h7km, 12km, n31, +1936/45, 36C-9D, Lasekkyk-Kulog region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations like PDGK, PRZ, KNDC, etc.

7d 23h

Table with columns: KK31, OTUK, OTAK, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes data for stations like Otayu, Otak, and Otuk.

ISCJB 07 22:27:07.9.0.3, 15:13S:0.06:173:92W:0.06, h30km, mb5.1/39, MS3.7/6, Error ellipse: s-maj=10.5km s-min=6.5km az=143.4

AUST 07 22:27:07.9.6.8, 15:15S:173:94W, h3km, Error ellipse: s-maj=1.9km s-min=1.2km az=24.0

NEIC 07 22:27:12.0.1.5, 15:19S:173:93W, h49km, 14km, mb5.3/28, Error ellipse: s-maj=14.2km s-min=7.0km az=131.0

IDC 07 22:27:12.8.3.0, 15:15S:173:93W, h51km, 27km, mb4.3/13, mb1.4/4.13, mb1mx4.0/34, mbtmp4.5/13, ML5.3/1, MS3.6/7, Ms1.3.6/7, ms1mx3.1/35, Error ellipse: s-maj=23.4km s-min=15.0km az=139.0

ISC 07 22:27:09.8.0.4, 15:16S:0.08:173:90W:0.08, h30km, n109, e17/199, ms2/38, MS3.7/6, 14C-7D, Tonga Islands

Main table of station data for the 7d 23h period, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like AFI, NIUE, NZSV, etc.

2010 DEC

Table of station data for the 2010 DEC period, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR, MKK2, MKAR, etc.

MAN 07 22:54:34.10.17N, 126:42E, h16km, mb4.5, ML3.4, MS3.3, 2C, Philippine Islands

Table of station data for the MAN event, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SCPH, SCBH, etc.

IDC 07 22:55:16.7.1.3, 18:70S:173:68W, h0km, mb4.4/6, mb1.4/6.6, mb1mx4.1/33, mbtmp4.4/6, MS3.4/7, Ms1.3.4/7, ms1mx3.1/32, Error ellipse: s-maj=52.2km s-min=23.9km az=127.0

ISCJB 07 22:55:17.5.0.5, 18:69S:0.07:173:45W:0.09, h28km, mb5.0/28, MS3.6/5, Error ellipse: s-maj=23.5km s-min=12.7km

NEIC 07 22:55:20.7.2.6, 18:74S:173:43W, h37km, 23km, mb4.8/17, Error ellipse: s-maj=16.0km s-min=11.2km az=106.0

AUST 07 22:55:21.6.4.0, 18:62S:172:54W, h96km, Error ellipse: s-maj=2.9km s-min=1.6km az=244.0

ISC 07 22:55:19.6.0.7, 18:85S:0.1:173:4W:0.1, h28km, n67, e131/156, mb5.0/28, MS3.6/5, 1C-1D, Tonga Islands

Main table of station data for the 2010 DEC period, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like NIUE, AFI, NIUE, etc.

290

Table of station data for the 290 period, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WR1, WRA, KDU, etc.

IDC 07 23:05:26.6.3.1, 11:27S:120:74E, h0km, mb3.6/10, mb1.3/6.3, mb1mx3.3/24, mbtmp3.4/3, ML3.1/2, Error ellipse: s-maj=262.6km s-min=32.1km az=49.0, South of Sumba

Table of station data for the IDC event, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, MKAR, etc.

IDC 07 23:52:18.8.0.9, 57:20N:33:36W, h0km, mb3.6/10, mb1.3/12, mb1mx3.6/44, mbtmp3.7/12, ML2.8/2, MS3.3/25, Ms1.3.2/25, ms1mx3.6/44, Error ellipse: s-maj=29.6km s-min=15.9km az=4.0

ISCJB 07 23:52:19.7.0.6, 57:3N:0.1:33:44W:0.1, h14km, mb3.6/12, MS3.3/22, Error ellipse: s-maj=18.3km s-min=10.8km az=1.7

ISC 07 23:52:21.3.0.8, 57:2N:0.1:33:44W:0.09, h14km, n32, e117/115, mb3.7/12, MS3.3/22, Reykjanes Ridge

Main table of station data for the 290 period, including columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like BORG, SFJD, FRB, etc.

ISCJB 08 02:42:20.5:0.3, 0.17S:0.03:123.85E:0.02, h121km, 3km, mb4.6/6A, Error ellipse: s-maj=4.4km s-min=3.6km az=24.8

NEIC 08 02:42:21.5:0.7, 0.15S:123.80E, h118km, 6km, mb4.7/2I, Error ellipse: s-maj=7.7km s-min=5.6km az=73.0

AUST 08 02:42:23.0:0.0, 0.20S:123.93E, h125km, Error ellipse: s-maj=1.0km s-min=0.7km az=34.0

DJA 08 02:42:23.1:0.2, 0.12S:124.4E, h64km, 6km, M4.9/27, mb5.1/25, mb5.4/17, MLV.2/27, Mw(mb)4.8/17, Mwpp.1/1

MOS 08 02:42:23.5:1.1, 0.13S:123.67E, h152km, mb4.7/22, Error ellipse: s-maj=14.1km s-min=6.7km az=109.0

ISC 08 02:42:21.1:0.5, 0.23S:123.85E:0.04, h111km, 4km, h197, s153/230, mb4.7/64, 4C-6D, Minahassa Peninsula, Sulawesi

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

Table with columns: LOEI, Loei, 28.38 310, P, P, 02 48 04.0 -1.2. Lists seismic events with station codes and magnitudes.

Table with columns: HABR, MLR, MLR, KLR, Kuldur, 49.74 7 P, P, 02 51 01.3 -0.7. Lists seismic events with station codes and magnitudes.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HLID, S22A, S22A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, AAK, TKM2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MQZ, McQueen's Vall, Oxford, etc.

NEIC 08 02:49:14.4, 43:61S:172:40E, h5km, ML3.8(WEL), After WEL. NEIC Felt at Christchurch. WEL 08 02:49:14.4, 43:61S:172:40E, h5km, 2km, ML3.8(2), 6C-4D, Error ellipse: s-maj=1.5km s-min=0.8km az=90.0, South Island

ISC/JB 08 03:03:24.3, 0.5, 50.08N, 184.38E, 0.03, h0km, Error ellipse: s-maj=5.3km s-min=2.9km az=4.2. CSEM 08 03:03:25.3, 0.2, 50.05N, 184.38E, h1km, ML2.5/8. IPEC 08 03:03:25.3, 0.2, 50.04N, 184.48E, h1km, ML1.5/3. Error ellipse: s-maj=2.1km s-min=1.1km az=160.0. PRU 08 03:03:26.9, 50.05N, 183.8E, h0km. ISC 08 03:03:25.2, 0.9, 50.07N, 184.43E, 0.02, h0km, m22, 0984/36, Poland

Table with columns: UPC, Uptime, comp, Sg, 03 04 17.3 +0.4, etc.

IDC 08 03:23:36.47.6.644S:144.04E,h0km,mb4.1/1, mb1 3.3/3,mb1mx3.2/29,mbtmsp3.2/3,ML3.1.2,Error ellipse: s-maj=286.2km s-min=34.3km az=101.0,New Guinea

ISCJB 08 03:38:04.3.0.6.6:95S:0.07:156.4E:0.1,h150km,mb4.0/21,Error ellipse: s-maj=16.0km s-min=7.6km az=29.0

NEIC 08 03:38:08.4.2.4.6:92S:156.18E,h168km,19km,mb4.3/4, Error ellipse: s-maj=19.3km s-min=10.0km az=96.0

IDC 08 03:38:10.3.2.3.6:99S:156.17E,h186km,19km,mb3.8/19, mb1 3.9/21,mb1mx3.7/44,mbtmsp4.3/21,Error ellipse: s-maj=19.8km s-min=9.8km az=123.0

ISC 08 03:38:05.70.6.7.05:0.1:156.41E:0.10,h150km,n47, a15250,mb4.1/21,Bougainville-Solomon Islands region

Main table for 297 page with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

GUC 08 03:51:26.20.4.33:63S:71.96W,h34km,6km,ML3.3 ISC 08 03:51:27.0.2.0.33:74S:0.04:71.84W,0.07,h13km,14km,n18,i1535/30,Near coast of central Chile

Table for 2010 DEC page, top section with columns: CHPI, RCMD, RCDM, etc.

ISK 08 03:54:38.0.38:59N:25:41E,h10km,ML3.5 ISCJB 08 03:54:38.70.5.38:62N:0.01:25.45E:0.01,h9km,q4km, Error ellipse: s-maj=2.4km s-min=1.9km az=172.5

CSEM 08 03:54:38.50.1.38:59N:25:43E,h2km,ML3.7,Error ellipse: s-maj=2.3km s-min=1.8km az=169.0

ATH 08 03:54:39.0.38:62N:25:52E,h33km,1km,MD3.0/20, ML3.5

DDA 08 03:54:39.4.38:65N:25:55E,h36km,MD3.5 THE 08 03:54:40.7.38:61N:25:53E,h25km,2km,ML3.7/6,Error ellipse: s-maj=2.7km s-min=0.8km az=90.0

ISC 08 03:54:39.8:1.1.38:61N:0.02:25.48E:0.02,h19km,3km,n294,o09/317,8C-5D,Aegean Sea

Main table for 2010 DEC page, bottom section with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

Main table for 8d 3h page with columns: GCAM, GCAM G?zelcam?, GCAM, etc.

CHKT	baz=319	1.27 224	eP	Pn	04 45 05.7 -0.7
CHKT	baz=224		eS	Sb	04 45 21.2 -1.7
SSLB	baz=224	1.28 260	ePn	Pn	04 45 06.8 +0.2
SSLB			eS	Sb	04 45 23.3 0.0
SMLT	Sun Moon Lake	1.31 265	iP	Pb	04 45 08.1 +0.4
SMLT	baz=253		S	Sb	04 45 24.8 +0.4
IRIF	Iriomote-Funau	1.32 76	P	Sb	04 45 07.7 -0.1
IRIF			S	Sb	04 45 24.9 +0.5
HATJU	Hateruma jima	1.35 88	S	Pb	04 45 08.3 +0.2
HATJU			S	Sb	04 45 25.0 +0.5
TYC	Yuchr	1.35 266	iP	Pb	04 45 08.4 +0.1
TYC	baz=263		S	Sn	04 45 24.7 -0.4
NSST	Nanjuang	1.36 297	iP	Pb	04 45 09.2 +0.7
NSST	baz=293		S	Sb	04 45 26.2 +0.7
TWS1	Kuanvynshan	1.36 323	eP	Pn	04 45 08.0 +0.2
TWS1	baz=333		eS	Sg	04 45 26.9 -0.8
YUS	Yu-Shan	1.37 248	P	Pb	04 45 09.0 +0.1
YUS	baz=246		S	Sn	04 45 25.8 -0.4
NCU	National Centr	1.41 313	eP	Pb	04 45 09.4 0.0
TCW	Chenhua	1.42 332	eP	Pg	04 45 10.4 -0.6
TWY			eS	Sg	04 45 28.6 -0.9
ELDTW	Lidau	1.46 236	eP	Pn	04 45 06.9 -2.2
TWQ1	Liyutan	1.46 283	iP	Pg	04 45 11.2 -0.5
TWQ1	baz=280		S	Sg	04 45 31.0 +0.3
ALS	Alishan	1.48 251	iP	Pb	04 45 10.9 +0.1
ALS	baz=249		S	Sb	04 45 29.8 +0.4
NSY	Sanyi	1.49 286	eP	Pb	04 45 11.3 +0.7
NSY	baz=283		eS	Sg	04 45 31.1 -0.5
WNT	Mingjian	1.51 265	iP	Pb	04 45 11.9 +0.8
WNT	baz=263		S	Sg	04 45 31.5 -0.9
TCU	Taichung	1.52 275	eP	Pb	04 45 11.4 +0.2
TCU	baz=273		eS	Sg	04 45 31.6 -0.9
JKRS	Kuro-shima	1.55 81	P	Pb	04 45 11.4 -0.3
JKRS			S	Sg	04 45 32.3 -1.3
CHNS	Tsauling	1.57 255	iP	Sb	04 45 32.7 +1.0
CHNS	baz=243		S	Sb	04 45 32.7 +1.0
PCYT	Pengchayiu	1.63 352	P	Pn	04 45 11.3 0.0
WGK	Gukung	1.65 259	eP	Pb	04 45 14.5 +1.1
WGK	baz=257		S	Sb	04 45 35.5 +1.6
TWG	Pinlang	1.66 224	eP	Pn	04 45 11.5 -0.3
TWG	baz=235		eS	Pn	04 45 10.7 -1.0
TWG	Pinlang	1.66 224	ePn	Sn	04 45 31.5 -1.1
STYT	Tauyuan	1.67 240	iP	Pb	04 45 13.2 -0.6
STYT	baz=229		eS	Sb	04 45 35.1 +0.5
JIJ	Ishigaki jima	1.69 78	P	Pn	04 45 12.5 +0.3
JIJ			S	Sb	04 45 34.6 -0.6
TPUB	Ta-pu	1.71 246	ePn	Pb	04 45 14.2 -0.3
TPUB			S	Sb	04 45 36.1 +0.3
CHN4	Tsashan	1.72 248	P	Pb	04 45 14.9 +0.2
CHN4	baz=247		eS	Sb	04 45 37.8 +1.8
WTP	Ta-pu	1.75 244	iP	Pb	04 45 15.1 -0.1
WTP	baz=244		S	Sb	04 45 37.6 +0.8
CHN2	Minshiu	1.77 255	eP	Pb	04 45 15.8 +0.4
CHN2	baz=253		eS	Sg	04 45 39.3 -1.2
CHY	Chiayi	1.82 254	eP	Pb	04 45 16.2 -0.1
CHY	baz=253		eS	Sb	04 45 39.2 +0.4
TKW	Hsiinying	1.84 247	eP	Pb	04 45 16.7 -0.1
TKW	baz=246		S	Sb	04 45 39.9 +0.3
CHN1	Nanshi	1.85 244	eP	Pb	04 45 16.4 -0.4
CHN1	baz=243		eS	Sb	04 45 40.6 +1.0
SGST	Jiashian	1.85 240	P	Pb	04 45 17.3 +0.4
SGST	baz=231		eS	Sb	04 45 41.6 +1.9
WTCT	Ta-ch'eng	1.88 266	eP	Pb	04 45 17.2 -0.2
WTCT	baz=277		eS	Sb	04 45 41.3 +0.8
ECL	Tainai	1.89 222	eP	Pb	04 45 14.4 -0.6
JISG	Ishigakijimahi	1.90 72	P	Pn	04 45 15.5 +0.5
JISG			S	Sb	04 45 38.6 +0.1
WSF	Szhu	1.97 259	eP	Sb	04 45 18.1 -0.7
WSF	baz=258		eS	Sb	04 45 44.4 +1.4
SSD	Sandimen	2.01 231	eP	Pb	04 45 18.6 -1.0
SSD	baz=225		eS	Sb	04 45 44.5 +0.3
LAY	Lan-yu	2.09 200	eP	Pn	04 45 17.1 -0.7
LAY	baz=201		S	Sb	04 45 19.0 +1.0
TAW	Tawu	2.11 219	eP	Pn	04 45 19.0 +1.0
TAW	baz=229		S	Sb	04 45 21.6 +0.2
TWMT	Shoushan	2.11 236	eP	Pb	04 45 18.7 +0.6
TWMT	baz=205		S	Sb	04 45 21.4 +1.5
EAST	Anshuo	2.12 220	eP	Pn	04 45 18.7 +0.6
EAST	baz=220		S	Sb	04 45 48.1 +0.8
JTJ	Tarama	2.25 73	P	Pn	04 45 22.3 -1.7
JTJ			S	Sb	04 45 22.3 -1.7
SCZT	Fangliu	2.27 224	eP	Sb	04 45 51.0 -0.7
SCZT	baz=219		eS	Sb	04 45 26.5 -1.1
HEN	Hengchun	2.48 217	eP	Pb	04 45 21.7 -0.6
HEN	baz=217		eS	Sb	04 45 55.6 +2.7
TSEB	Hengchuen, Pin	2.48 212	eP	Pb	04 45 21.7 -0.6
TSEB	baz=215		eS	Sb	04 45 24.0 +0.7
TWK1	Hengchun	2.49 215	eP	Pn	04 45 24.0 +0.7
TWK1	baz=216		eS	Sn	04 45 54.0 +0.7
WDGT	Dungji	2.56 253	eP	Pn	04 45 25.2 +1.0
WDGT	baz=241		eS	Sb	04 45 55.3 +0.4
PNG	Penghu	2.58 261	eP	Pn	04 45 25.3 +0.9
PNG	baz=259		eS	Sn	04 45 56.6 +1.2
JIRB	Irabujima	2.72 72	P	Pn	04 45 27.4 +1.1
JIRB			S	Sb	04 45 59.6 +0.9
JKJM	Ikemajima	2.81 71	P	Pn	04 45 29.0 +1.4
JKJM			S	Sb	04 46 01.8 +0.8
JMJ	Miyako jima 2	2.82 73	S	Pn	04 45 28.5 +0.8
JMJ	baz=76		S	Sn	04 46 02.0 +0.7
JOGS	Gusukube	2.90 75	S	Sn	04 46 04.9 +1.5

QZH	Quanzhou	3.53 286	iP	Pn	04 45 37.3 -0.2
QZH			Sn	Sn	04 46 16.2 -2.6
QZH	400nm, 1.1s		SME		
KNM	Kinmen	3.58 277	eP	Pn	04 45 40.1 +1.9
JKE	Kume jima 2	4.65 59	P	Pn	04 45 55.1 +2.2
JKE	comp=Z, 128nm, 19.1s, baz=292, slow=40	11.78 36	LR	LR	04 52 17.2
KSAR	Wonyu Array Be	14.21 18	Pn	Pn	04 48 04.2 +0.3
KSRS	Korea Array	14.23 18	Pn	Pn	04 48 04.2 0.0
KSRS	0.2nm, 0.3s, baz=226, slow=13, SNR=3.1		LR	LR	04 54 08.3
JHJ	Hachijo jima 2	17.80 55	LR	LR	04 56 07.0
JHJ	comp=Z, 79nm, 18.8s, baz=204, slow=41		P	P	04 48 54.8 +2.8
KMI	Kunming	17.86 278	P	P	04 49 01.1 +4.1
KMI			pP	pP	04 49 04.2 +4.9
KMI			S	S	04 52 13.3 +3.1
KMI			SnSn	SnSn	04 52 39.3 +1.5
KMI	5.0nm, 1.0s		PMZ		
KMI	50nm, 4.2s		LN		
KMI	160nm, 9.6s		LE		
KMI	210nm, 11.5s		LZ		
CMAR	Matsushiro Arr	18.52 44	LR	LR	04 56 36.0
CMAR	comp=Z, 47nm, 21.6s, baz=215, slow=39		P	P	04 49 45.0 +2.9
CMAR	1.0nm, 0.3s, baz=54, slow=11, SNR=5.7		LR	LR	04 59 15.3
GUMO	Guam	23.69 112	LR	LR	04 58 05.7
GTA	Gaotai	24.45 314	eP	P	04 50 03.1 +1.5
GTA			pP	pP	04 50 06.0 0.0
GTA			sP	sP	04 50 09.1 0.0
GTA	4.0nm, 1.0s		PMZ		
ASAJ	Asahikawa	26.03 35	LR	LR	05 00 22.3
ASAJ	comp=Z, 79nm, 20.1s, baz=198, slow=37		LR	LR	05 01 34.2
KLR	Kul'dur	26.24 14	LR	LR	05 01 34.2
KLR	comp=Z, 78nm, 19.0s, baz=194, slow=39		P	P	04 50 23.2 -0.8
SOMN	Songino Array	26.94 336	P	P	04 50 23.2 -0.8
SOMN	3.2nm, 0.6s, baz=150, slow=10, SNR=2.2		LR	LR	05 02 35.8
SOMN	comp=Z, 63nm, 19.4s, baz=166, slow=40		P	P	04 52 08.9 -0.7
MKAR	Makanchi Array	39.19 316	P	P	04 54 20.8 +1.1
MKAR	1.9nm, 0.7s, baz=105, slow=9.4, SNR=18		PcP	PcP	04 50 20.7
MPK	Makapuu	39.43 43	LR	LR	05 09 20.7
MPK	0.3nm, 0.4s, baz=83, slow=4.2, SNR=4.0		LR	LR	04 52 23.4 -1.6
PETK	Petropavlovsk-	39.43 320	P	P	04 52 23.4 -1.6
PETK	comp=Z, 31nm, 18.9s, baz=216, slow=38		LR	LR	05 10 27.2
ZALV	Zalesovo Beam	40.96 327	P	P	04 52 40.2 -0.7
ZALV	3.2nm, 0.6s, baz=110, slow=7.5, SNR=10.0		LR	LR	04 52 40.2 -0.9
ZALV	comp=Z, 31nm, 19.9s, baz=71, slow=38		P	P	04 52 59.9 0.0
KURK	Kurchatov	42.90 320	P	P	04 53 24.2 -0.8
KURK	comp=Z, 47nm, 21.6s, baz=215, slow=39		P	P	04 53 27.9 +0.7
KURK	1.3nm, 0.7s, baz=345, slow=8.6, SNR=14		P	P	04 54 24.2 -0.8
BVAR	Borovoye Array	48.47 321	P	P	04 53 27.9 +0.7
BVAR	1.3nm, 0.7s, baz=106, slow=9.4, SNR=6.1		P	P	04 54 08.2 -0.6
ASAR	Alice Springs	48.71 166	P	P	04 54 18.3 0.0
ASAR	0.5nm, 0.5s, baz=342, slow=7.5, SNR=8.3		P	P	04 54 20.4 +0.7
ABKAR	Abkukal array	54.31 314	eP	P	04 54 20.4 +0.7
ABKAR	1.4nm, 0.4s		P	P	04 54 32.1 +0.5
AKTO	Aktubinsk	55.63 316	P	P	04 55 32.1 +0.5
AKTO	0.6nm, 0.3s, baz=67, slow=7.7, SNR=2.7		P	P	04 55 51.4 -1.4
GEYT	Alibek	55.78 301	P	P	04 56 05.2 -1.5
GEYT	1.8nm, 0.5s, baz=69, slow=7.7, SNR=3.0		P	P	04 56 19.9 -0.2
KBZ	Khabaz	66.40 309	P	P	04 56 44.4 -1.1
KBZ	1.6nm, 0.9s, baz=158, slow=8.6, SNR=4.0		P	P	04 57 04.5 -1.5
ILAR	Eielson Array	68.88 27	P	P	04 57 10.1 -1.1
ILAR	0.3nm, 0.9s, baz=207, slow=5.7, SNR=3.4		P	P	04 57 24.2 +0.6
SPITS	Spitsbergen Ar	69.87 348	P	P	04 58 08.4 -1.1
SPITS	6.5nm, 0.9s, baz=50, slow=6.7, SNR=5.5		P	P	
FINES	FINES Array B	72.12 330	P	P	
FINES	2.4nm, 0.8s, baz=51, slow=5.5, SNR=3.5		P	P	
ASF	Jabal al Asfar	73.97 299	P	P	
ASF	1.2nm, 0.7s, baz=358, slow=4.9, SNR=4.5		P	P	
BRTR	Reskin Array B	74.11 307	P	P	
BRTR	2.6nm, 0.8s, baz=101, slow=4.9, SNR=16		P	P	
NOA	NORSTAR Array B	78.86 332	P	P	
NOA	0.6nm, 0.5s, baz=113, slow=9.0, SNR=6.2		P	P	
YKA	Yellowknife Ar	82.72 23	P	P	
YKA	0.2nm, 0.6s, baz=308, slow=4.8, SNR=4.9		P	P	
GERES	GERES Array B	83.64 321	P	P	
GERES	0.2nm, 0.4s, baz=4.8, slow=1.2, SNR=3.6		P	P	
KMBO	Kilma Mbogo	85.85 257	P	P	
KMBO	0.5nm, 0.3s, baz=72, slow=6.7, SNR=4.4		P	P	
NVAR	Nina Array Bea	95.84 43	P	P	
NVAR	0.3nm, 0.7s, baz=282, slow=5.4, SNR=2.0				

HIZ	Haititi	19.33 203	Pn	Pn	05 12 31.6 +0.8
HIZ			eP	Pn	05 12 32.0 +1.2
BKZ	Black Stump Fm	19.36 199	eP	P	05 12 29.7 +0.3
BKZ	27nm, 0.5s				
VRZ	Verd Road	19.90 203	Pn	P	05 12 36.2 +1.0
BFZ	Birch Farm	20.83 198	Pn	P	05 12 43.6 -1.5
BFZ			S	S	05 16 21.4 -1.1
MRZ	Mangatainoka R	21.01 199	ePn	P	05 12 44.4 -2.7
MRZ			eS	S	05 16 22.5 -1.4
HOWZ	Holdsworth Sta	21.25 199	Pn	P	05 12 48.3 -1.4
MTW	Mount Morrison	21.49 199	Pn	P	05 12 52.0 0.0
TCW	Tory Channel	21.93 201	Pn	P	05 12 54.0 -2.8
QRZ	Quartz Range	22.22 205	Pn	P	05 12 59.3 -0.6
TUWZ	Tuamarina	22.23 201	Pn	P	05 12 57.4 -2.7
TUWZ			Pn	Pn	05 12 57.6 -2.5
THZ	Topouse	22.89 203	Pn	P	05 13 05.1 -1.9
THZ	Topouse	22.89 203	eP	P	05 13 07.4 +0.4
DSZ	Dennistown Nort	23.29 205	ePn	P	05 13 09.3 -1.5
DSZ	123nm, 1.1s	24.25 100	eP	P	05 13 17.2 -2.4
TBI			eLR	LR	05 19 00.5
TBI	219nm, 34.2s	24.25 100	eT	T	05 37 38.9
OZX	Oxford	24.57 202			

MAW	baz=39,SNR=118	39.32 143	eP	P	05 32 01.8 +0.7
MAW	Mawson				
MAW	comp=Z,73nm,1.2s				
MAW			PcP		
MAW			S		
ACLC	CERRO LA CRUZ	39.61 295	eP	P	05 34 10.4 +1.5
CYA	Choya	39.84 298	eP	P	05 37 55.9 -3.9
SUR	Sutherland	39.91 73	LR	LR	05 32 02.7 -1.3
SUR	comp=Z,5um,21.2s,baz=212,slow=30				05 32 03.5 -2.3
SUR	Sutherland	39.91 73	LR	LR	05 44 55.2
SUR	comp=Z,646nm,1.0s,SNR=6.2				05 32 07.4 +0.8
SUR	Sutherland	39.91 73	eP	P	05 32 07.7 +1.1
CVNA	Calvinia	40.06 71	iP	AMB	05 32 08.0 +0.2
CVNA	comp=Z,2um,2.6s				05 32 10.0
KOMG	Komagags	40.22 67	iP	AMB	05 32 08.2 -0.8
KOMG	comp=Z,2um,2.7s				05 32 10.8
AGUA	GUANDACOL	40.33 294	eP	P	05 32 09.6 -0.4
VCA	Vinchina	40.80 295	eP	P	05 32 13.6 -0.3
AHML	Horco Molle	40.99 299	eP	P	05 32 13.1 -2.3
LCO	Las Campanas	41.85 292	eP	P	05 32 19.7 -2.9
LCO	comp=Z,165nm,1.0s				
LCO	comp=Z,31um,18.0s				
FSA	Cafayete	41.90 299	eP	P	05 32 20.3 -2.7
SOE	Somerset East	42.21 78	eP	AMB	05 32 24.1 -1.2
SOE	comp=Z,160nm,1.1s				05 32 28.0
GRM	Grahamstown	42.27 79	eP	AMB	05 32 25.4 -0.5
GRM	comp=Z,160nm,1.2s				05 32 28.1
SLA	San Lorenzo	42.81 301	eP	P	05 32 28.9 -1.5
ALOL	LOMAS DE OLMED	42.87 303	eP	P	05 32 31.5 +0.8
ASTB	Santa Barbara	42.99 303	eP	P	05 32 31.5 -0.3
AZAP	Zapla	43.03 302	eP	P	05 32 31.2 -1.1
SHEL	Horse Pasture	43.14 29	iP	P	05 32 35.6 +2.6
SHEL	Horse Pasture	43.14 29	P	P	05 32 33.6 +0.6
SHEL	comp=Z,4um,0.8s,SNR=3.9				
SHEL	Horse Pasture	43.14 29	eP	P	05 32 33.0 0.0
SHEL	comp=Z,530nm,0.9s				
SHEL	comp=Z,23um,22.0s				
HVD	Gariep Dam	43.80 76	iP	AMB	05 32 38.2 -0.1
HVD	comp=Z,1um,2.6s				05 32 39.9
BDFB	Brasilia	44.13 328	P	P	05 32 40.5 -0.6
BDFB	comp=Z,44nm,0.8s,baz=159,slow=7.4,SNR=5.4				
BDFB	comp=Z,45nm,0.8s,baz=172,slow=5.0,SNR=3.3				05 34 26.4 +0.6
BDFB	comp=Z,49um,19.1s,baz=168,slow=35				05 50 36.8
BDFB	Brasilia	44.13 328	P	P	05 32 40.5 -0.6
BDFB	comp=Z,45nm,0.8s				05 34 26.4
BDFB	comp=Z,44nm,0.8s				
BDFB	comp=Z,45nm,0.8s				
BDFB	comp=Z,49um,19.1s				
BDFB	Brasilia	44.13 328	eP	P	05 32 42.0 +0.9
BDFB	comp=Z,607nm,1.7s				
BDFB	Yavi	44.99 303	eP	P	05 34 26.4 +0.6
YJA	Boshof	45.23 74	P	P	05 32 47.4 -0.9
BOSA	Bosof	45.23 74	P	P	05 32 48.9 -0.9
BOSA	comp=Z,64nm,1.0s,baz=211,slow=7.9,SNR=4.6				05 47 49.7
BOSA	comp=Z,55um,21.6s,baz=216,slow=31				
BOSA	Bosof	45.23 74	P	P	05 32 48.9 -0.9
BOSA	comp=Z,64nm,1.0s				
BOSA	Bosof	45.23 74	P	P	05 32 49.0 -0.7
BOSA	comp=Z,45nm,0.8s,SNR=4.6				
BOSA	Bosof	45.23 74	iP	AMB	05 32 48.9 -0.9
BOSA	comp=Z,1um,2.5s				05 32 50.7
BOSA	Bosof	45.23 74	eP	P	05 32 49.1 -0.7
SBA	Scott Base	45.76 184	eP	P	05 32 54.6 +1.4
SBA	comp=Z,360nm,1.2s				
SBA	Scott Base	45.76 184	eP	P	05 32 54.6 +1.4
SBA	comp=Z,358nm,1.3s				
SBA	comp=Z,32um,18.0s				
KSD	Kokstad	45.98 80	eP	AMB	05 32 55.9 +0.2
KSD	comp=Z,52nm,1.1s				05 32 59.3
WIN	Windhoek	46.02 61	eP	AMB	05 32 54.9 -1.2
WIN	comp=Z,393nm,3.1s				05 32 57.4
VNDA	Vanda	46.23 182	P	P	05 32 57.5 +0.7
VNDA	comp=Z,157nm,0.7s,baz=184,slow=7.0,SNR=2.97				
VNDA	Vanda	46.23 182	eP	P	05 51 22.5
VNDA	comp=Z,17um,20.5s,baz=159,slow=35				
VNDA	Vanda	46.23 182	eP	P	05 32 57.6 +0.7
VNDA	comp=Z,890nm,1.7s				
VNDA	Vanda	46.23 182	eP	P	05 32 57.5 +0.7
LVC	Limon Verde	46.24 299	eP	P	05 32 57.8 -0.1
LVC	comp=Z,889nm,1.8s				
LVC	Limon Verde	46.24 299	eP	P	05 32 57.8 -0.1
LVC	comp=Z,3um,0.8s,baz=145,slow=7.9,SNR=4.62				
LVC	Limon Verde	46.24 299	eP	P	05 32 57.2 -0.7
LVC	Limon Verde	46.24 299	eP	P	05 32 57.4 -0.5
LVC	comp=Z,636nm,0.8s				
LVC	comp=Z,8um,20.0s				
SEK	Senekal	46.73 76	iP	AMB	05 33 00.9 -0.7
SEK	comp=Z,2um,2.7s				05 33 02.8
PRYS	Parys	47.70 75	iP	AMB	05 33 07.3 -1.8
PRYS	comp=Z,109nm,1.2s				05 33 11.1
H10S2	ASCENSION HYDR4.13	15	T	T	06 26 23.3
H10S2	baz=189,slow=75,SNR=133				
WDLM	Western Deep L	48.13 74	eP	P	05 33 10.7 -1.9
WDLM	comp=Z,58nm,0.8s				05 33 29.9
H10S3	ASCENSION HYDR4.14	15	T	T	06 26 23.6
H10S3	baz=189,slow=75,SNR=143				
H10S1	ASCENSION HYDR4.15	15	T	T	06 26 28.4
H10S1	baz=189,slow=75,SNR=125				
LBTB	Lobatse	48.30 71	eP	P	05 33 13.1 -0.7
LBTB	comp=Z,162nm,1.1s				
LBTB	Lobatse	48.30 71	iP	AMB	05 33 12.9 -0.8
LBTB	comp=Z,127nm,1.0s				05 33 15.4
LBTB	Lobatse	48.30 71	eP	P	05 33 13.1 -0.7
LBTB	comp=Z,162nm,1.1s				
KSR	Koster	48.31 73	eP	AMB	05 33 12.8 -1.1
KSR	comp=Z,675nm,2.6s				05 33 14.6
MIR	Mirnyy	49.05 152	iP	P	05 33 28.0 +9.2
MIR	comp=Z,510nm,1.0s				
TSUM	Tsumeb	49.13 59	eP	P	05 33 19.5 -0.7
TSUM	comp=Z,797nm,2.6s				
SLR	Silverton	49.15 75	iP	AMB	05 33 19.2 -1.1
SLR	comp=Z,2um,2.7s				05 33 20.7
ASCN	Ascension	49.18 15	eP	P	05 33 20.5 0.0
ASCN	comp=Z,433nm,1.3s				
ASCN	comp=Z,9um,18.0s				
H10N1	ASCENSION HYDR9.25	15	T	T	06 27 31.1
H10N1	baz=189,slow=75,SNR=150				
H10N3	ASCENSION HYDR9.25	15	T	T	06 27 51.1
H10N3	baz=189,slow=75,SNR=139				
H10N2	ASCENSION HYDR9.15	15	T	T	06 27 48.9
H10N2	baz=189,slow=75,SNR=158				
POGA	Pongola	49.65 79	eP	P	05 33 24.1 +0.2
POGA	comp=Z,248nm,2.2s				05 33 25.8
CNG	Changalane	50.81 79	eP	P	05 33 31.5 -1.2
CNG	comp=Z,568nm,3.0s				05 33 33.9
RCBR	Riachuelo	51.12 347	P	P	05 33 35.6 +0.5
RCBR	comp=Z,18nm,0.8s,baz=166,slow=8.6,SNR=10.0				
RCBR	Riachuelo	51.12 347	eP	P	05 34 50.9 +0.4
RCBR	comp=Z,41nm,0.9s,baz=174,slow=6.2,SNR=5.2				
RCBR	Riachuelo	51.12 347	eP	P	05 33 35.6 +0.5
RCBR	comp=Z,452nm,2.3s				

RCBR	comp=Z,11um,18.0s				
RCBR	La Paz	51.31 304	P	P	05 34 50.9 +0.4
RCBR	comp=Z,259nm,0.5s,baz=161,slow=6.1,SNR=81.8				
LPAZ	La Paz	51.31 304	P	P	05 33 36.7 -0.6
LPAZ	comp=Z,18nm,1.1s,baz=303,slow=17,SNR=5.9				05 50 48.0 0.0
LPAZ	La Paz	51.31 304	P	P	05 59 25.0
LPAZ	comp=Z,7um,18.1s,baz=158,slow=41				
LPAZ	La Paz	51.31 304	P	P	05 33 36.7 -0.6
LPAZ	comp=Z,259nm,0.5s				05 40 54.8 0.0
LPAZ	comp=N,18nm,1.1s				
LPAZ	La Paz	51.31 304	P	P	05 33 37.0 -0.3
LPAZ	comp=Z,7um,18.1s				
LPAZ	La Paz	51.31 304	eP	P	05 33 37.2 0.0
LPAZ	La Paz	51.31 304	eP	P	05 33 36.9 -0.3
LPAZ	comp=Z,432nm,0.9s				05 40 54.8 0.0
LPAZ	Matopo	53.58 71	LR	LR	05 53 13.5
LPAZ	comp=Z,26um,20.9s,baz=221,slow=32				
PAF	Port-aux-Franc	53.70 126	PFAKE	LR	05 34 10.0 +1.6
PAF	comp=Z,15um,20.0s				
SAML	Samlu	55.69 313	eP	P	05 34 07.7 -1.0
SAML	comp=Z,283nm,1.0s				
SAML	Lusaka	57.71 67	eP	P	05 34 23.0 -0.3
SAML	comp=Z,13um,22.0s				
LSZ	Lusaka	57.71 67	eP	P	05 34 22.6 -0.6
LSZ	comp=Z,69nm,1.2s				
LSZ	Lusaka	57.71 67	P	P	05 34 26.8
LSZ	SNR=26				
LSZ	Lusaka	57.71 67	eP	P	05 34 23.0 -0.3
LSZ	comp=Z,69nm,1.2s				
LSZ	Lusaka	57.71 67	eP	P	05 34 23.0 -0.3
PTGA	Pitinga	62.01 320	eP	P	05 34 51.5 -1.1
PTGA	comp=Z,18um,18.0s				
PTGA	comp=Z,206nm,1.0s				
PTGA	comp=Z,22um,20.0s				
LIC	Lamto	64.70 23	eP	P	05 35 09.8 -0.5
LIC	comp=Z,303nm,0.8s				
KIC	Kosan Boka	64.89 23	eP	P	05 35 10.6 -1.0
KIC	comp=Z,437nm,0.8s				
ABPO	Ambohimpanom	64.90 87	eP	P	05 35 13.4 +1.5
ABPO	comp=Z,91nm,1.1s				
ABPO	Ambohimpanom	64.90 87	eP	P	05 35 13.0 +1.1
ABPO	comp=Z,36nm,1.1s,SNR=1.6				
ABPO	Ambohimpanom	64.90 87	eP	P	05 35 13.4 +1.5
ABPO	comp=Z,91nm,1.1s				
TIC	Toumodi	65.11 23	eP	P	05 35 12.5 -0.5
TIC	comp=Z,194nm,0.9s,baz=171,slow=6.3,SNR=162				
DBIC	Dimbokro	65.17 23	eP	P	05 35 13.1 -0.3
DBIC	comp=Z,194nm,0.9s,baz=171,slow=6.3,SNR=162				
DBIC	Dimbokro	65.17 23	P	P	05 58 37.5
DBIC	comp=Z,19um,18.6s,baz=182,slow=31				
DBIC	Dimbokro	65.17 23	P	P	05 35 13.1 -0.3
DBIC	comp=Z,194nm,0.9s				
DBIC	Dimbokro	65.17 23	iP	P	05 35 12.8 -0.6
DBIC	Dimbokro	65.17 23	eP	P	05 35 12.8 -0.6
DBIC	comp=Z,195nm,0.8s				
DBIC	Dimbokro	65.17 23	eP	P	05 58 37.5
DBIC	comp=Z,30um,21.2s,baz=216,slow=31				

URZ	Urewera	83.72 198	PN	P	05 37 00.3 -0.7
URZ	Urewera	83.72 198	eP	P	05 37 00.7 -0.2
HIZ	Hauti	83.83 196	PN	P	05 36 59.9 -1.6
HIZ	Hauti	83.83 196	eP	P	05 37 01.1 -0.5
HIZ	comp=Z,128nm,1.1s		LR	LR	
RKGY	Rocky Gully	83.91 150	P	P	05 37 01.9 -0.1
EDRZ	Edcumbe	83.93 198	PN	P	05 37 02.1 -0.1
MARZ	Manawaha	84.06 198	PN	P	05 37 02.1 -0.7
OPRZ	Ohinepanea	84.21 197	PN	P	05 37 02.9 -0.6
SDDR	Presa de Saban	84.34 317	eP	P	05 37 03.8 -0.4
SDDR	comp=Z,9.0m,21.0s		LR	LR	
NWAO	Narogin (SRO)	85.56 149	P	P	05 37 09.8 -0.6
NWAO	Narogin (SRO)	85.56 149	eP	P	05 37 10.0 -0.4
NWAO	Narogin (SRO)	85.56 149	eP	P	05 37 10.2 -0.2
NWAO	Narogin (SRO)	85.56 149	P	P	05 37 10.3 -0.1
NWAO	Narogin (SRO)	85.56 149	mb		05 37 12.8
NWAO	Narogin (SRO)	85.56 149	eP	P	05 37 10.0 -0.4
NWAO	comp=Z,76nm,1.1s		LR	LR	
TOO	Toolangi	86.06 173	P	P	05 37 12.4 -0.4
ARPS	Mount Arapiles	86.55 170	P	P	05 37 14.7 -0.5
GRTK	Grand Turk	86.59 318	eP	P	05 37 13.5 -1.8
GRTK	comp=Z,312nm,1.4s		LR	LR	
GTBY	Quantanamo Bay	86.68 314	eP	P	05 37 17.2 +1.5
MILA	Mila	86.77 176	P	P	05 37 16.5 +0.1
TGUH	Teguicigalpa,Un	86.82 301	eP	P	05 37 17.4 +0.8
TGUH	comp=Z,149nm,0.9s		LR	LR	
KLBR	Kellerberrin	86.97 149	P	P	05 37 17.4 +0.1
OZU	Omahuta	87.25 196	eP	P	05 37 18.2 -0.4
SNET	Serv Nac Est T	87.44 299	PFAKE	LR	05 37 30.0 +1.0
TBI	Tubuai	87.51 230	eP	P	05 37 20.9 +0.9
TBI	comp=Z,138nm,1.0s		PP	PP	05 40 40.4 -3.9
TBI	comp=Z,928nm,27.5s		eS	S	05 47 57.9 -1.2
TBI	comp=Z,6.0m,28.5s		eLR	LR	06 05 00.6
BLDU	Ballidu	87.58 148	P	P	05 37 20.1 -0.2
KMBL	Kambalda	88.29 153	P	P	05 37 23.9 +0.2
CAN	Canberra	88.49 176	eP	P	05 37 25.0 +0.3
CAN	Canberra	88.49 176	eP	P	05 37 24.9 +0.3
CNB	Canberra Magne	88.51 176	P	P	05 37 25.4 +0.6
MORW	Morawa	88.83 147	P	P	05 37 26.2 -0.1
YNG	Young	89.48 175	P	P	05 37 29.5 +0.2
BBOO	Buckleboo	89.75 165	P	P	05 37 30.2 -0.4
BBOO	Buckleboo	89.75 165	eP	P	05 37 30.1 -0.4
MGCD	Mangra Creek	90.67 177	P	P	05 37 35.0 +0.2
MDT	Midelt	90.68 18	P	P	05 37 36.6 +2.0
MDT	comp=Z,66nm,0.8s,baz=194,slow=4.0,SNR=83		LR	LR	06 12 43.7
MDT	Midelt	90.68 18	P	P	05 37 36.6 +2.0
CCIG	Comitan	91.08 298	eP	P	05 37 37.9 +0.9
STKA	Stephens Creek	91.37 169	P	P	05 37 37.9 -0.2
STKA	comp=Z,2.1nm,0.7s,baz=171,slow=4.1,SNR=18		LR	LR	06 18 50.4
STKA	Stephens Creek	91.37 169	P	P	05 37 37.9 -0.2
STKA	comp=Z,2.1nm,0.7s		pmx	pmx	
STKA	comp=Z,2.5nm,18.4s,baz=183,slow=36		MLR	MLR	
STKA	Stephens Creek	91.37 169	P	P	05 37 38.1 0.0
STKA	Stephens Creek	91.37 169	eP	P	05 37 38.3 +0.2
DAMY	Dhamar	91.39 66	eP	P	05 37 44.1 +5.6
RAO	Raoul Island	91.46 204	PFAKE	LR	05 37 50.0 +1.2
MEEK	Meekatharra	91.88 148	P	P	05 37 40.1 -0.4
CMSA	Cobar Meteorol	92.07 173	P	P	05 37 41.1 -0.2
LHI	Lord Howe Isla	92.31 184	PFAKE	LR	05 37 50.0 +7.6
PPT2	Papeete2	92.64 232	ePP	PP	05 41 15.9 -9.5
PPT2	comp=Z,1.1m,26.2s		eSKSac	SKSac	05 48 14.8 -1.1
PPT2	Papeete2	92.64 232	eP	PS	05 50 00.7 -0.3
PPT2	comp=Z,2.8m,30.5s		eLR	LR	06 07 24.5
PPT2	Papeete2	92.64 232	eLR	LR	06 07 24.5
PPT	Papeete	92.66 232	SK	LR	06 11 40.8
ARMA	Armidale	93.46 178	eP	P	05 37 49.1 +1.2
CMLA	Cha da Macela	93.83 0	PFAKE	LR	05 38 00.0 +1.1
GIRL	Giralda	94.25 143	P	P	05 37 51.7 +0.2
PFVI	Vila Bisbo	94.29 13	eP	P	05 37 54.1 +3.1
PFVI	Vila Bisbo	94.29 13	PFAKE	LR	05 38 00.0 +9.0
BBSR	BB Station	94.47 328	PFAKE	LR	05 38 00.0 +8.0
MORF	Marmelete	94.48 14	eP	P	05 37 54.0 +2.0
MORF	Marmelete	94.48 14	eP	P	05 37 53.2 +1.1
MORF	MORF	94.48 14	eS	SKSac	05 48 28.4 +3.8
MORF	MORF	94.48 14	eS	AMS	06 14 44.4
MORF	Marmelete	94.48 14	eS	SKSac	05 37 53.1 +1.1
MORF	MORF	94.48 14	eS	SKSac	05 48 28.4 +3.8
ROSA	Rosais	94.81 358	PFAKE	LR	05 38 00.0 +6.6
MESJ	Messejana	95.07 14	eP	P	05 37 57.0 +2.4
MESJ	Messejana	95.07 14	eP	P	05 37 55.5 +0.9
MESJ	MESJ	95.07 14	eS	SKSac	05 48 30.8 +3.2
MESJ	MESJ	95.07 14	eS	AMS	06 15 52.5
MESJ	Messejana	95.07 14	eP	P	05 37 55.4 +0.9
TLIG	Tipapa	95.38 294	eP	P	05 48 30.7 +3.2
PBAR	Barancos	95.56 13	eP	P	05 37 57.0 +0.3
LIS	Lisbon	95.81 13	eS	SKSac	05 48 34.8 +3.3
LIS	Lisbon	95.81 13	eS	AMS	06 14 13.0
WRKA	Warakurna	95.89 156	P	P	05 37 58.6 -0.4
KEST	Kesra	96.50 28	P	P	05 37 02.7 +1.4

KEST	comp=N,13um,21.5s,baz=152,slow=32	LR	LR	06 16 02.0	
KEST	Kesra	96.50 28	eP	P	05 38 03.6 +2.3
QLP	Quilpie	96.87 171	P	P	05 38 03.3 -0.1
PAB	San Pablo	97.30 16	PFAKE	LR	05 38 20.0 +1.5
MBWA	Marble Bar	97.37 148	eP	P	05 38 05.2 -0.5
MBWA	comp=Z,31nm,1.0s		LR	LR	
ESDC	Sonseca Array	97.49 17	P	Pdf	05 38 06.9 +1.2
ESDC	Sonseca Array	97.49 17	P	Pdf	05 38 06.9 +1.2
ESDC	comp=Z,3.9nm,0.8s,baz=190,slow=4.7,SNR=14		PKKPbc	PKKPbc	05 54 41.4 -0.6
ESDC	comp=Z,1.3nm,0.6s,baz=9.5,slow=3.1,SNR=5.3		LR	LR	06 18 07.8
ESDC	comp=Z,4.0m,20.1s,baz=165,slow=33		LR	LR	
ESDC	Sonseca Array	97.49 17	P	Pdf	05 38 06.9 +1.2
EST9	SONSECA Array	97.52 17	eP	Pdf	05 38 06.8 +1.0
MTE	Manteigas	97.68 14	eP	P	05 38 06.0 -0.4
WDD	Weid Dalam	98.06 32	PFAKE	LR	05 38 20.0 +1.2
ASAR	Alice Springs	98.36 161	P	P	05 38 09.2 -1.0
ASAR	comp=Z,38nm,1.1s,baz=189,slow=4.6,SNR=67		PP	PP	05 42 08.4 -0.8
ASAR	comp=Z,9.8nm,0.8s,baz=188,slow=7.0,SNR=9.1		SKSac	SKSac	05 48 49.3 +3.2
ASAR	comp=Z,3.0nm,0.8s,baz=168,slow=6.7,SNR=4.9		PKKPbc	PKKPbc	05 54 39.6 0.0
ASAR	comp=Z,4.4nm,0.8s,baz=9.8,slow=2.3,SNR=23		PKPPK P	PKPPK P	06 02 54.2 -6.6
ASAR	comp=Z,1.6nm,0.9s,baz=2.4,slow=2.9,SNR=6.1		LR	LR	06 22 08.3
ASAR	Alice Springs	98.36 161	P	P	05 38 09.2 -1.0
ASAR	ASAR	98.36 161	S	SKSac	05 42 08.5
ASAR	ASAR	98.36 161	S	SKSac	05 48 49.3 +3.2
ASAR	comp=Z,38nm,1.1s		pmx	pmx	
ASAR	comp=Z,10.0nm,0.8s		pmx	pmx	
ASAR	comp=N,3.0nm,0.9s		smx	smx	
ASAR	comp=Z,4.0nm,0.8s		pmx	pmx	
ASAR	Alice Springs	98.36 161	P	SKSac	05 38 09.2 -1.0
ASAR	ASAR	98.36 161	S	SKSac	05 48 49.3 +3.2
AS31	Alice Springs	98.36 161	PFAKE	LR	05 38 20.0 +1.0
AS31	AS31	98.36 161	LR	LR	
AS01	Alice Springs	98.37 161	eP	P	05 38 08.3 -1.9
EIDS	Eidsvold	98.48 177	eP	Pdf	05 38 10.7 +0.1
MOIG	Morelia	98.49 293	PFAKE	LR	05 38 20.0 +9.1
MOIG	MOIG	98.49 293	LR	LR	
CLTB	Caltabellotta	99.28 30	PFAKE	LR	05 38 30.0 +1.6
CLTB	CLTB	99.28 30	LR	LR	
RAYN	Ar Rayn	99.51 62	eP	Pdf	05 38 18.3 +3.2
RAYN	RAYN	99.51 62	LR	LR	
VSL	Villasalto	100.06 27	PFAKE	LR	05 38 30.0 +1.3
VSL	VSL	100.06 27	LR	LR	
NHSC	New Hope	100.46 316	PFAKE	LR	05 38 30.0 +1.1
NHSC	NHSC	100.46 316	LR	LR	
IDI	Anoyia	100.91 40	PFAKE	LR	05 38 30.0 +9.0
IDI	IDI	100.91 40	LR	LR	
LAST	Lasithi	101.01 41	PFAKE	LR	05 38 30.0 +8.5
LAST	LAST	101.01 41	LR	LR	
DZM	Mont Dzumac	101.14 191	eLR	LR	06 11 22.5
BRAL	Brewton	101.43 310	PFAKE	LR	05 38 30.0 +6.7
BRAL	BRAL	101.43 310	LR	LR	
CNNC	Cliffs of the	101.49 319	PFAKE	LR	05 38 30.0 +6.5
CNNC	CNNC	101.49 319	LR	LR	
ZAIG	Zacatecas	101.77 293	PFAKE	LR	05 38 40.0 +1.5
ZAIG	ZAIG	101.77 293	LR	LR	
JSC	Jenkinsville	101.92 316	PFAKE	LR	05 38 40.0 +1.5
JSC	JSC	101.92 316	LR	LR	
FITZ	Fitzroy Crossi	101.92 152	ePdif	Pdif	05 38 27.0 +1.0
FITZ	FITZ	101.92 152	LR	LR	
GOGA	Godfrey	102.02 314	PFAKE	LR	05 38 40.0 +1.4
GOGA	GOGA	102.02 314	LR	LR	
WRA	Warramunga Arr	102.07 161	P	Pdf	05 38 25.4 -1.3
WRA	Warramunga Arr	102.07 161	P	Pdf	05 42 39.3 +1.9
WRA	comp=Z,9.2nm,1.0s,baz=190,slow=6.1,SNR=7.6		SKSac	SKSac	05 49 02.4 -1.9
WRA	comp=Z,3.2nm,1.2s,baz=174,slow=5.5,SNR=7.6		PKKPbc	PKKPbc	05 54 29.4 +1.8
WRA	comp=Z,6.1nm,0.8s,baz=0.2,slow=3.1,SNR=30		PKPPK P	PKPPK P	06 02 42.1 -1.2
WRA	Warramunga Arr	102.07 161	P	Pdf	05 38 25.4 -1.3
WRA	WRA	102.07 161	S	SKSac	05 49 02.4 -1.9
WRA	WRA	102.07 161	S	SKSac	05 49 02.4 -1.9
WRA	WRA	102.07 161	S	SKSac	05 49 02.4 -1.9
WRA	comp=Z,8.0nm,0.8s		pmx	pmx	
WRA	comp=Z,9.0nm,1.0s		smx	smx	
WRA	comp=Z,6.0nm,0.8s		pmx	pmx	
WRA	Warramunga Arr	102.07 161	P	Pdf	05 38 25.4 -1.3
WRA	WRA	102.08 161	P	Pdf	05 49 02.4 -1.9
WRAB	Warrab Tennant Creek	102.08 161	eP	Pdf	05 49 02.4 -1.9
WRAB	WRAB	102.08 161	eP	Pdf	05 38 26.5 -0.3
WRAB	WRAB	102.08 161	eP	Pdf	05 38 26.4 -0.4
WRAB	WRAB	102.09 40	PFAKE	LR	05 38 40.0 +1.4
WRAB	WRAB	102.09 40	LR	LR	
XMIS	Christmas Isla	102.14 131	PFAKE	LR	05 38 40.0 +1.3
XMIS	XMIS	102.14 131	LR	LR	
CUC	Castrouccio	102.27 31	PFAKE	LR	05 38 40.0 +1.3
CUC	CUC	102.27 31	LR	LR	
KMSC	Kings Mountain	102.70 316	PFAKE	LR	05 38 40.0 +1.1
KMSC	KMSC	102.70 316	LR	LR	
AGG	Agios Georgios	103.40 36	PFAKE	LR	05 38 40.0 +8.1
AGG	AGG	103.40 36	LR	LR	
MSVF	Nonsavu	103.48 203	PFAKE	LR	05 38 40.0 +6.9
MSVF	MSVF	103.48 203	LR	LR	
CSS	Prodhromos	103.84 46	PFAKE	LR	05 38 50.0 +1.6
CSS	CSS	103.84 46	LR	LR	
CBN	Corbin	103.95 320	PFAKE	LR	05 38 50.0 +1.6
CBN	CBN	103.95 320	LR	LR	
VBMS	Vicksburg	103.96 308	PFAKE	LR	05 38 50.0 +1.5
VBMS	VBMS	103.96 308	LR	LR	
TRD	Trivandrum	104.01 96	eP	Pdf	05 38 35.3 +0.1
TRD	TRD	104.01 96	eP	AMS	06 22 27.4
BLA	Blacksburg	104.18 318	PFAKE	LR	05 38 50.0 +1.5
BLA	BLA	104.18 318	LR	LR	
AFI	Afiatalu	104.44 214	PFAKE	LR	05 38 50.0 +1.3
AFI	AFI	104.44 214	LR	LR	
HKT	Hockey	104.46 303	PFAKE	LR	05 38 50.0 +1.3
HKT	HKT	104.46 303	LR	LR	
SSB	Saint Sauver	104.47 22	PFAKE	LR	05 38 50.0 +1.3
SSB	SSB	104.47 22	LR	LR	
SSB	comp=Z,9.0m,22.0s		LR	LR	

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like F26A Lodgepole, NB002 NORSAR Array S, D28A Regan, etc.

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like C25A Freed Ranch, UMPA Umpang Tak, SMLA Simla, etc.

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like O03D Paynes Creek, LBCM Butte Creek, DAV DAVO City, etc.

Table with columns: MDJ USRK, Mudanjiang, 160.44 117, ePKPdf, PKPdf, 05 44 31.5 +0.5, 05 45 15.4 -0.6, etc.

Table with columns: YAK Yakutsk, 166.23 56, PKPab, PKPab, 05 45 37.6 +0.4, 05 44 31.7 -4.1, etc.

Table with columns: YAK Yakutsk, 166.23 56, PKPab, PKPab, 05 45 37.6 +0.4, 05 44 31.7 -4.1, etc.

Table with columns: YAK Yakutsk, 166.23 56, PKPab, PKPab, 05 45 37.6 +0.4, 05 44 31.7 -4.1, etc.

Table with columns: YAK Yakutsk, 166.23 56, PKPab, PKPab, 05 45 37.6 +0.4, 05 44 31.7 -4.1, etc.

Table with columns: YAK Yakutsk, 166.23 56, PKPab, PKPab, 05 45 37.6 +0.4, 05 44 31.7 -4.1, etc.

Table with columns: Code Station Name, SNAIA Sanae, 18.10 157, Op, ISC, P, 05 40 42.1 +0.5, etc.

Table with columns: Code Station Name, SNAIA Sanae, 18.10 157, Op, ISC, P, 05 40 42.1 +0.5, etc.

Table with columns: Code Station Name, SNAIA Sanae, 18.10 157, Op, ISC, P, 05 40 42.1 +0.5, etc.

Table with columns: Code Station Name, SNAIA Sanae, 18.10 157, Op, ISC, P, 05 40 42.1 +0.5, etc.

Table with columns: Code Station Name, SNAIA Sanae, 18.10 157, Op, ISC, P, 05 40 42.1 +0.5, etc.

Table with columns: SNAIA Sanae, 18.10 157, ePn, Pn, 05 50 16.0 -1.4, etc.

Table with columns: SNAIA Sanae, 18.10 157, ePn, Pn, 05 50 16.0 -1.4, etc.

Table with columns: SNAIA Sanae, 18.10 157, ePn, Pn, 05 50 16.0 -1.4, etc.

Table with columns: SNAIA Sanae, 18.10 157, ePn, Pn, 05 50 16.0 -1.4, etc.

Table with columns: SNAIA Sanae, 18.10 157, ePn, Pn, 05 50 16.0 -1.4, etc.

8d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pinedale Array, Manning, Hardware Ranch, etc.

2010 DEC

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

308

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOSA, Boshof, SBA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Manning, HWUT, BGU, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sheep Creek Mo, SCM, DHY, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PVCC Panska Ves, PRU, BRG, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KDM, KKM, KKM, KKM, KKM, NLA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like QIZ, GZH, GZH, GZH, JAGI, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Sparrevohn, Mirny, Old Harbor, David-gareji, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Sochi, Diyarbakir, Tamitsa, Galich'ya Gora, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Mawson, Keskin Array B, Keskina, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MLR Muntele Rosu, PSZ Piszkesteto, and various international stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PSZ Piszkesteto, YVY Valandovo, and various international stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CLL comp=N,2um,20.0s, G03D McMinVine, and various international stations.

8d 6h

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Status. Includes listings like ELK Elko, EDW2 Edwards Air Fo, R19C Furnace Creek, etc.

2010 DEC

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Status. Includes listings like S22A 4UR Ranch, J27A Elkhorn Farm, D31A Woodliff, etc.

316

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Features, and Status. Includes listings like H36A Jessenland, N32A Stuken Farm, K34A Le Mars, etc.

Table with columns: ID, Name, Value, Count, Status, Date, and other details. Includes entries like W32A Sentinel, R35A Emporia Muni, O37A Wolves Farm, etc.

Table with columns: ID, Name, Value, Count, Status, Date, and other details. Includes entries like Z36A Blue Ridge, 732A Laxson Ranch, WHTX Lake Whitney, etc.

Table with columns: ID, Name, Value, Count, Status, Date, and other details. Includes entries like CMIG Matias Romero, CMIG Coleyville, CMIG Matias Romero, etc.

8d 7h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BDFB, PTGA, and ILAR.

IDC 08 06:47:24.9.1.5,56.27S:25.56W,h0km,mb3.8/2, mb1 3.9/2,mb1mx3.7/29,mbtmp3.8/2,ML2.9/1, Error ellipse: s-maj=56.1km s-min=38.8km az=54.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNA, LPAZ, and ILAR.

ISCJB 08 07:02:21.7.0.4,32.22N:0.02:115.27W:0.03,h19km,4km, Error ellipse: s-maj=4.2km s-min=3.6km az=11.0 ECX 08 07:02:22.8.0.6,32.21N:115.29W,h6km,MD2.7,ML2.9 NEIC 08 07:02:22.0.32.21N:115.31W,h10km,ML2.8(PAS), ML3.0(ECX), After ECX.

MEX 08 07:02:23.3.0.9,32.22N:115.31W,h5km,MD3.8 ISC 08 07:02:23.3.0.9,32.22N:0.02:115.28W:0.02,h17km,7km,n44,0971/61,8C-14D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CPBX, MBIG, and MURC.

ISCJB 08 07:06:08.5.0.5,32.23N:0.02:115.29W:0.03,h10km,4km, Error ellipse: s-maj=3.8km s-min=3.6km az=162.1 ECX 08 07:06:09.0.6,32.21N:115.29W,h6km,MD3.0,ML3.1 NEIC 08 07:06:09.0,32.22N:115.29W,h5km,ML2.9(ECX), ML2.9(PAS), After ECX.

MEX 08 07:06:10.8.0.4,32.23N:115.29W,h21km,11km,MD3.8 ISC 08 07:06:10.8.0.4,32.22N:0.02:115.29W:0.02,h17km,7km,n42,0972/58,5C-11D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ECXB, IBP, and SWSC.

ISCJB 08 07:06:08.5.0.5,32.23N:0.02:115.29W:0.03,h10km,4km, Error ellipse: s-maj=3.8km s-min=3.6km az=162.1 ECX 08 07:06:09.0.6,32.21N:115.29W,h6km,MD3.0,ML3.1 NEIC 08 07:06:09.0,32.22N:115.29W,h5km,ML2.9(ECX), ML2.9(PAS), After ECX.

MEX 08 07:06:10.8.0.4,32.23N:115.29W,h21km,11km,MD3.8 ISC 08 07:06:10.8.0.4,32.22N:0.02:115.29W:0.02,h17km,7km,n42,0972/58,5C-11D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CBX, SPIG, and SWSC.

ISCJB 08 07:04:29.3.0.5,32.22N:0.02:115.26W:0.03,h13km,4km, Error ellipse: s-maj=4.5km s-min=3.7km az=157.0 ECX 08 07:04:30.8.0.6,32.21N:115.29W,h6km,MD2.9,ML3.1 NEIC 08 07:04:30.0,32.20N:115.31W,h10km,ML3.0(PAS), ML3.2(ECX), After ECX.

MEX 08 07:04:31.4.0.3,32.22N:115.27W,h3km,MD3.4 ISC 08 07:04:29.3.0.5,32.22N:0.02:115.27W:0.03,h14km,25km,n44,0975/57,9C-12D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MBIG, CPBX, and MURC.

ISCJB 08 07:02:02.8.0.5,39.07N:0.02:37.42E:0.04,h1km,11km, Error ellipse: s-maj=5.5km s-min=3.9km az=1.7 ISK 08 07:52:02.3.0.9,39.05N:37.44E,h16km,MD2.8 DDA 08 07:52:02.5,39.06N:37.43E,h7km,MD3.0 CSEM 08 07:52:02.3.0.4,39.01N:37.32E,h10km,MD2.8, Error ellipse: s-maj=12.9km s-min=8.8km az=83.0 ISC 08 07:52:02.9.1.1,39.04N:0.02:37.32E:0.03,h9km,10km,n17,01955/32,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TJJG, SPIG, and MURC.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ECXB, RMX, and IBP.

ISCJB 08 07:02:21.7.0.4,32.22N:0.02:115.27W:0.03,h19km,4km, Error ellipse: s-maj=4.2km s-min=3.6km az=11.0 ECX 08 07:02:22.8.0.6,32.21N:115.29W,h6km,MD2.7,ML2.9 NEIC 08 07:02:22.0.32.21N:115.31W,h10km,ML2.8(PAS), ML3.0(ECX), After ECX.

MEX 08 07:02:23.3.0.9,32.22N:115.31W,h5km,MD3.8 ISC 08 07:02:23.3.0.9,32.22N:0.02:115.28W:0.02,h17km,7km,n44,0971/61,8C-14D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TJJG, SPIG, and SWSC.

ISCJB 08 07:06:08.5.0.5,32.23N:0.02:115.29W:0.03,h10km,4km, Error ellipse: s-maj=3.8km s-min=3.6km az=162.1 ECX 08 07:06:09.0.6,32.21N:115.29W,h6km,MD3.0,ML3.1 NEIC 08 07:06:09.0,32.22N:115.29W,h5km,ML2.9(ECX), ML2.9(PAS), After ECX.

MEX 08 07:06:10.8.0.4,32.23N:115.29W,h21km,11km,MD3.8 ISC 08 07:06:10.8.0.4,32.22N:0.02:115.29W:0.02,h17km,7km,n42,0972/58,5C-11D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ECXB, IBP, and SWSC.

ISCJB 08 07:04:29.3.0.5,32.22N:0.02:115.26W:0.03,h13km,4km, Error ellipse: s-maj=4.5km s-min=3.7km az=157.0 ECX 08 07:04:30.8.0.6,32.21N:115.29W,h6km,MD2.9,ML3.1 NEIC 08 07:04:30.0,32.20N:115.31W,h10km,ML3.0(PAS), ML3.2(ECX), After ECX.

MEX 08 07:04:31.4.0.3,32.22N:115.27W,h3km,MD3.4 ISC 08 07:04:29.3.0.5,32.22N:0.02:115.27W:0.03,h14km,25km,n44,0975/57,9C-12D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MBIG, CPBX, and MURC.

ISCJB 08 07:02:02.8.0.5,39.07N:0.02:37.42E:0.04,h1km,11km, Error ellipse: s-maj=5.5km s-min=3.9km az=1.7 ISK 08 07:52:02.3.0.9,39.05N:37.44E,h16km,MD2.8 DDA 08 07:52:02.5,39.06N:37.43E,h7km,MD3.0 CSEM 08 07:52:02.3.0.4,39.01N:37.32E,h10km,MD2.8, Error ellipse: s-maj=12.9km s-min=8.8km az=83.0 ISC 08 07:52:02.9.1.1,39.04N:0.02:37.32E:0.03,h9km,10km,n17,01955/32,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TJJG, SPIG, and MURC.

ISCJB 08 07:02:02.8.0.5,39.07N:0.02:37.42E:0.04,h1km,11km, Error ellipse: s-maj=5.5km s-min=3.9km az=1.7 ISK 08 07:52:02.3.0.9,39.05N:37.44E,h16km,MD2.8 DDA 08 07:52:02.5,39.06N:37.43E,h7km,MD3.0 CSEM 08 07:52:02.3.0.4,39.01N:37.32E,h10km,MD2.8, Error ellipse: s-maj=12.9km s-min=8.8km az=83.0 ISC 08 07:52:02.9.1.1,39.04N:0.02:37.32E:0.03,h9km,10km,n17,01955/32,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TJJG, SPIG, and MURC.

ISCJB 08 07:02:02.8.0.5,39.07N:0.02:37.42E:0.04,h1km,11km, Error ellipse: s-maj=5.5km s-min=3.9km az=1.7 ISK 08 07:52:02.3.0.9,39.05N:37.44E,h16km,MD2.8 DDA 08 07:52:02.5,39.06N:37.43E,h7km,MD3.0 CSEM 08 07:52:02.3.0.4,39.01N:37.32E,h10km,MD2.8, Error ellipse: s-maj=12.9km s-min=8.8km az=83.0 ISC 08 07:52:02.9.1.1,39.04N:0.02:37.32E:0.03,h9km,10km,n17,01955/32,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TJJG, SPIG, and MURC.

IDC 08 07:21:32.6.1.2,56.31S:25.29W,h0km,mb3.9/3,

318

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Vnda, LPaz, and Yka.

ISCJB 08 07:34:29.8.1.9,44.74S:29.79W,h0km,mb4.2/4, mb1 4.3/5,mb1mx3.8/28,mbtmp4.1/5,ML3.7/2, Error ellipse: s-maj=70.9km s-min=25.1km az=110.0 ISC 08 07:34:29.8.1.9,44.74S:29.79W:0.4,h35km,n8,01922/7, mb4.2/4, Off coast of southern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PLCA, CFSA, and LVC.

ISCJB 08 07:36:48.4.0.9,56.34S:25.37W,h0km,mb4.3/4, mb1 4.2/5,mb1mx3.8/29,mbtmp4.1/5,ML3.0/1, Error ellipse: s-maj=36.1km s-min=23.9km az=62.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SNA, QSPA, and LVC.

ISCJB 08 07:31:21.3.0.5,35.97N:0.04:140.13E:0.06,h77km,4km, mb3.8/11, Error ellipse: s-maj=8.1km s-min=5.9km az=15.6 JMA 08 07:43:23.1,36.01N:140.08E,h62km,1km,MB3.4 Broadband fault plane solution: P waves. NP1: 0.359,0.0000,0.866,0.0000,0.80,0.0000. NP2: 0.263,0.0000,0.826,0.0000,0.111,0.0000. Principal axes: P:203.0000, Azm:250.0000, N:Plg:0.0000, Azm:0.0000, P:Plg:20.0000, Azm:97.0000, JMA Felt 1/1, IDC 08 07:43:24.9.2.2,35.98N:139.91E,h93km,16km,mb3.5/11, 0.2m,0.6s,baz=198,slow=5.3,SNR=5.5 mb1 3.7/12,mb1mx3.4/54,mbtmp3.8/12, Error ellipse: s-maj=25.9km s-min=16.7km az=78.0 ISC 08 07:43:22.0.9,35.99N:0.04:140.11E:0.06,h69km,7km,n26,0987/36,mb3.9/11,1C-5D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JYT, JAG, and JRY.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JRY, JKT, and JOD.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JOD, JBS, and JYN.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JYN, JIM, and JFY.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JFY, JJK, and JFT.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JFT, JMA, and MJAR.

ISCJB 08 07:02:02.8.0.5,39.07N:0.02:37.42E:0.04,h1km,11km, Error ellipse: s-maj=5.5km s-min=3.9km az=1.7 ISK 08 07:52:02.3.0.9,39.05N:37.44E,h16km,MD2.8 DDA 08 07:52:02.5,39.06N:37.43E,h7km,MD3.0 CSEM 08 07:52:02.3.0.4,39.01N:37.32E,h10km,MD2.8, Error ellipse: s-maj=12.9km s-min=8.8km az=83.0 ISC 08 07:52:02.9.1.1,39.04N:0.02:37.32E:0.03,h9km,10km,n17,01955/32,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUKAN kangal_SIVAS, CUGUR Gurin_S'VAS, DARE Darende-Malaty, etc.

BUJ 08 07:53:11.8, 24:17N; 121:85E, h7km, ML3.7/4
JMA 08 07:53:13.1, 24:16N; 121:75E, h19km, ML3.6
TAP 08 07:53:13.5, 24:20N; 121:80E, h17km, ML4.2, 1B
ISCJB 08 07:53:14.4, 0.3, 24:21N; 0.01; 121:86E; 0.02, h19km, 3km, mb3.7/10, MS4.0/1, Error ellipse: s-maj=3.1km s-min=2.0km az=38.2

IDC 08 07:53:22.6, 6.4, 24:09N; 121:87E, h103km, 61km, mb3.5/10, mb1 3.6/11, mb1mx3.3/62, mbtmp3.8/11, MS4.1/1, Ms1.4/1, ms1mx3.1/46, Error ellipse: s-maj=39.5km s-min=15.7km az=64.0

ISC 08 07:53:13.4, 0.8, 24:18N; 0.02; 121:84E; 0.02, h18km, 2km, n80, c085/130, mb3.8/10, 10C-10D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHP Heping Village, EHP Chiawan, ENA Nanau, HWA Hwalien, TWC Suao, etc.

Table with columns: YUS, Yu-Shan, Time, Res. Includes stations like YUS Yu-Shan, YOJ Yonuguni jima, YOJ Yonuguni jima, WNT WNT, ALS Alishan, etc.

ISCJB 08 08:03:53.8, 1.1, 15:09S; 0.09; 72:0W; 0.2, h124km, mb3.6/5, Error ellipse: s-maj=21.1km s-min=13.1km

IDC 08 08:03:54.6, 4.2, 15:11S; 71:98W, h117km, 36km, mb3.5/5, mb1 3.6/10, mb1mx3.4/42, mbtmp4.0/10, MS3.0/1, Ms1.3/0.1, ms1mx3.0/20, Error ellipse: s-maj=35.6km s-min=21.9km az=114.0

ISC 08 08:03:55.2, 1.3, 15:15S; 0.1; 72:0W; 0.2, h124km, n11, c1926/11, mb3.7/5, Southern Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ La Paz, LVC Limon Verde, SIV San Ignacio, CFAA Coronel Fontan, etc.

Table with columns: PLCA Pazo Flores, DBIC Diboboko, TORD Torodi Ar. Bea, YKA Yellowknife Ar. Includes time and residue values.

1.6nm, 0.4s, baz=247, slow=14, SNR=3.4

1.3nm, 0.8s, baz=352, slow=7.1, SNR=2.8

1.1nm, 0.8s, baz=254, slow=4.8, SNR=9.5

0.2nm, 0.6s, baz=139, slow=4.5, SNR=4.2

IDC 08 08:04:15.0, 0.8, 56:26S; 25:48W, h0km, mb4.0/6, mb1 4.1/7, mb1mx3.8/34, mbtmp3.9/7, ML3.2/1, MS4.3/1, Ms1 4.3/1, ms1mx3.3/24, Error ellipse: s-maj=31.5km s-min=18.6km az=59.0

ISCJB 08 08:04:17.7, 0.9, 56:33S; 0.1; 25:5W; 0.4, h29km, mb4.1/7, MS4.3/1, Error ellipse: s-maj=33.8km s-min=13.6km az=150.2

ISC 08 08:04:19.4, 0.9, 56:33S; 0.2; 25:6W; 0.2, h29km, n12, c090/11, mb4.1/7, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAA Sanae, QSPA South Pole Qui, CPUP Villa Florida, CFAA Coronel Fontan, LVC Limon Verde, VNSA Vanda, SIV San Ignacio, LPAZ La Paz, TORD Torodi Ar. Bea, YKA Yellowknife Ar, SONM Songo Array, ILAR Eielson Array.

IDC 08 08:05:19.8, 0.7, 56:35S; 25:44W, h0km, mb4.4/7, mb1 4.4/8, mb1mx4.0/33, mbtmp4.3/8, ML3.0/1, Error ellipse: s-maj=25.9km s-min=18.2km az=66.0

ISCJB 08 08:05:22.4, 0.8, 56:33S; 0.1; 25:4W; 0.3, h29km, mb4.2/8, Error ellipse: s-maj=25.7km s-min=13.3km az=153.5

ISC 08 08:05:24.1, 0.8, 56:45S; 0.1; 25:5W; 0.2, h29km, n12, c059/12, mb4.4/8, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAA Sanae, QSPA South Pole Qui, CPUP Villa Florida, CFAA Coronel Fontan, LVC Limon Verde, VNSA Vanda, LPAZ La Paz, DBIC Diboboko, TORD Torodi Ar. Bea, YKA Yellowknife Ar, SONM Songo Array, ILAR Eielson Array.

ISCJB 08 08:10:16.6, 0.6, 49:88N; 0.05; 18:50E; 0.03, h0km, Error ellipse: s-maj=7.5km s-min=3.1km az=178.8

CSEM 08 08:10:17.5, 0.2, 49:86N; 18:51E, h1km, ML2.7/6, Error ellipse: s-maj=7.5km s-min=3.0km az=177.0

IPEC 08 08:10:17.4, 0.2, 49:83N; 18:58E, h2km, 4km, ML1.5/3, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0

PRU 08 08:10:18.3, 49:86N; 18:51E, h0km, n19, ISC 08 08:10:17.4, 0.9, 49:85N; 0.07; 18:54E; 0.02, h0km, n19, c079/32, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, OJC Ojcow, KRLC Krailky, NIE Niedzica, VRAC Vranov, DPC Dobruska-Polom, KRUC Kravsky, UPC Upipe, PRU Pruhonice, KHC Kasperske Hory, YKA Yellowknife Ar.

0.6nm,0.4s,baz=146,slow=7.3,SNR=6.0
TORD Torodi Arr Bea 72.76 28 P PKP 10 08 21.4 +0.4
 0.3nm,0.5s,baz=210,slow=6.6,SNR=3.5
YKA Yellowknife Arr 136.91 317 PKP 10 16 13.3 -0.7
 0.1nm,0.5s,baz=117,slow=2.2,SNR=2.9
SONM Songoing Array 149.83 86 PKPbc PKPbc 10 16 41.4 -0.7
 0.3nm,0.5s,baz=212,slow=5.7,SNR=3.2
ILAR Eielson Array 150.91 311 PKPbc PKPbc 10 16 43.9 -0.1
 0.7nm,0.9s,baz=176,slow=1.3,SNR=6.6

GUC 08 09:58:40.6-0.3,23.91S:67.67W,h236km,gbkm,ML3.8, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PB06	IPOC Station P	2.13	304	Op	ISC	09 59 24.8	+1.4
PB06		eS		S		09 59 58.6	+1.8
PB06		eS		AML		10 00 00.9	
PB10	IPOC Station P	2.68	278	eP	Pn	09 59 30.5	+1.8
PB10		eS		AML		10 00 08.3	+1.8
PB10		eS		AML		10 00 15.5	
PB04	IPOC Station P	2.78	304	eP	Pn	09 59 32.2	+2.2
PB04		eS		AML		10 00 11.2	+3.3
PB04		eS		AML		10 00 17.0	
PB07	IPOC Station P	7.99	316	eP	Pn	09 59 34.5	+2.1
PB07		eS		AML		10 00 15.5	+2.4
PB07		eS		AML		10 00 18.7	
PB01	IPOC Station P	3.32	329	eP	Pn	09 59 38.1	+2.1
PB01		eS		AML		10 00 21.9	+2.3
PB01		eS		AML		10 00 23.3	
MNMC	Minimini	5.09	339	eP	Pn	10 00 01.1	+3.6
MNMC		eS				10 01 02.1	+3.6

IDC 08 09:59:55.3-1.9,56.62S:25.54W,h0km,mb4.0/2, mb1.4/1.2,mb1mx3.7/2.1,mbtmp4.0/2,MS3.8/1,Ms1.3.8/1,ms1mx3.2/2.1,Error ellipse: s-maj=81.1km s-min=42.9km az=8.0,South Sandwich Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
QSPA	South Pole Qui	33.63	180	Op	LR	10 19 20.0	
LPAZ	La Paz	51.45	304	P		10 09 03.0	+0.1
TORD	Torodi Arr Be	73.11	28	P		10 11 27.3	0.0
SONM	Songoing Array	149.85	86	PKPbc	PKPbc	10 19 46.3	-0.2
ILAR	Eielson Array	151.18	311	PKPbc	PKPbc	10 19 48.2	-0.7

IDC 08 10:02:04.2-1.1,30.98S:177.59W,h0km,mb4.1/4, mb1.4/3.4,mb1mx4.0/2.4,mbtmp4.1/4,Error ellipse: s-maj=32.6km s-min=20.9km az=84.0

NEIC 08 10:02:09.2-0.8,30.85S:177.68W,h35km,mb4.1/3,Error ellipse: s-maj=18.4km s-min=14.4km az=98.0

ISC 08 10:02:05.5-1.2,30.98S:0.06:177.7W,0.2,h10km,n22, r=109/10,mb4.2/7,Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RAO	Raoul Island	1.73	355	Pn	Pb	10 02 36.8	-0.6
RAO		143nm,0.3s,baz=112,slow=13,SNR=8.8					
RAO		197nm,0.3s,baz=129,slow=21,SNR=7.6					
RAO	Raoul Island	1.73	355	ePn	Pn	10 02 35.3	-0.3
RAO		eS				10 03 01.1	+0.1
WMGZ	Waionmatatini S	7.53	204	Pn	Sg	10 03 50.6	-4.8
HAZ	Te Kaha	7.71	207	ePn	Pn	10 03 53.2	-4.6
HAZ		89nm,0.6s,baz=111,slow=8.0,SNR=4.7				10 06 11.1	-1.8
PKGZ	Pakihoro	7.71	205	Pn	Pn	10 03 52.3	-5.6
PUZ	Puketiti	7.81	204	Pn	Pn	10 03 54.2	-5.1
CNGZ	Carnagh Statio	8.20	203	Pn	Pn	10 03 59.3	-5.2
MWZ	Matawai	8.31	207	Pn	Pn	10 04 00.9	-5.2
URZ	Urewera	8.41	209	Pn	Pn	10 04 00.9	-6.5
URZ		0.2nm,0.5s,baz=271,slow=1.9,SNR=5.1					
URZ	Urewera	8.41	209	Pn	Pn	10 04 01.0	-6.5
URZ		0.9nm,0.5s					
SNZG	Shannon Statio	8.77	206	ePn	Pn	10 04 06.5	-6.0
ARMA	Armidale	26.31	263	eP	P	10 07 42.7	+1.1
EIDS	Eidsvold	27.99	274	eP	P	10 07 55.7	-0.9
STKA	Stephens Creek	34.57	258	P	P	10 08 57.0	+2.5
ASAR	Alice Springs	43.30	267	P	P	10 10 08.6	+0.8
WRAB	Tennant Creek	44.34	273	eP	P	10 10 15.8	-0.3
WRA	Warramunga Arr	44.34	273	P	P	10 10 16.6	+0.4
QSPA	South Pole Qui	59.14	180	P	P	10 12 07.4	+1.2
FINES	FINESS Array B	145.76	340	PKPbc	PKPbc	10 21 43.5	-1.0
AKASG	Malin Array Be	151.82	329	PKPbc	PKPbc	10 21 60.0	-0.3
BRTR	Keskin Array B	153.07	298	PKPbc	PKPbc	10 22 03.2	-0.4
TORD	Torodi Arr Be	162.25	178	PKPbc	PKPbc	10 22 54.2	-0.6

IDC 08 10:02:56.0-1.4,30.24S:178.00W,h0km,mb4.2/4, mb1.4/3.4,mb1mx4.0/2.3,mbtmp4.2/4,MS3.7/1,Ms1.3.7/1,ms1mx3.1/2.7,Error ellipse: s-maj=42.6km s-min=36.0km az=30.0

ISC 08 10:03:02.5-1.6,30.25S:0.3:178.0W,0.3,h50km,n9, r=352/7,mb4.1/4,Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RAO	Raoul Island	0.92	4	Op	LR	10 03 39.8	
RAR	Rarotonga	18.66	66	LR	LR	10 14 25.0	
STKA	Stephens Creek	34.54	257	P	P	10 09 46.0	-0.2
ASAR	Alice Springs	43.13	267	P	P	10 10 58.1	-0.1
WRA	Warramunga Arr	44.10	272	P	P	10 11 06.5	+0.5
QSPA	South Pole Qui	59.94	180	P	P	10 13 03.4	+0.1
FINES	FINESS Array B	144.94	340	PKPbc	PKPbc	10 22 33.1	-0.2
AKASG	Malin Array Be	151.12	323	PKPbc	PKPbc	10 22 49.9	+0.2
BRTR	Keskin Array B	152.50	299	PKPbc	PKPbc	10 22 53.1	-0.3

WEL 08 10:04:02.8-0.4,35.75S:177.64E,h217km,gbkm,ML3.5/4, Error ellipse: s-maj=9.5km s-min=9.2km az=90.0,Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MXZ	Matakaoa Point	1.89	164	Op	Pn	10 04 42.0	+0.6
MXZ		0.9nm,0.5s,baz=111,slow=8.0,SNR=4.7				10 05 11.0	-0.7
HAZ	Te Kaha	2.01	177	Op	Pn	10 05 14.3	+0.7
WMGZ	Waionmatatini S	2.16	163	Pn	Pn	10 04 43.8	-0.4
PUZ	Puketiti	2.37	168	Pn	Pn	10 04 46.7	+0.3
PUZ		0.9nm,0.5s,baz=98,slow=7.3,SNR=2.8				10 05 19.7	-0.7
URZ	Urewera	2.54	189	Pn	Pn	10 04 48.3	+0.2
URZ		0.2nm,0.5s,baz=189,slow=1.4,SNR=2.8				10 05 23.9	+0.4
URZ	Urewera	2.54	189	S	S	10 05 24.3	+0.7
MWZ	Matawai	2.58	182	Pn	Pn	10 04 48.5	-0.1
MWZ		0.9nm,0.5s,baz=112,slow=7.9,SNR=6.1				10 05 24.7	+0.2
CNGZ	Carnagh Statio	2.77	171	Pn	Pn	10 04 50.9	+0.3
RIGZ	Rimuhau	2.95	178	Pn	Pn	10 04 52.0	-0.8

ISCJB 08 10:13:15.7-0.5,7.83S:0.07:122.85E,0.05,h250km,

mb3.6/3, Error ellipse: s-maj=10.1km s-min=6.1km az=32.9
DJA 08 10:13:16.4-0.4,8.5S:5.12:3E,h260km,6km,M4.1/1/3, mb4.2/7,mb4.9/4,MLV4.0/1/3,Mv(mb)4.2/4
IDC 08 10:13:17.8-4.7,8.19S:122.40E,h256km,46km,mb3.3/3, mb1.3.6/5,mb1mx3.2/30,mbtmp4.1/5, Error ellipse: s-maj=91.8km s-min=11.7km az=59.0
AUST 08 10:13:19.1-0.0,7.95S:123.02E,h274km, Error ellipse: s-maj=1.4km s-min=1.0km az=235.0
ISC 08 10:13:16.2-0.7,7.86S:0.07:122.80E,0.08,h250km,n28, r=123/30,mb3.5/3,Flores Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MMRI	Maumere	0.95	216	Op	Pn	10 13 52.6	+1.7
EDFI	Ende, Flores	1.41	231	P	Pn	10 13 54.9	+0.9
SOEI	Soe	2.38	143	P	Pn	10 14 03.2	+0.9
SOEI		1.6nm,0.5s,baz=117,slow=2.2,SNR=2.9				10 14 40.0	+1.2
BATI	Baumata	2.48	160	P	Pn	10 14 04.2	+0.9
BSSI	Bau Bau, Buton	2.86	306	P	Pn	10 14 07.9	+0.7
BASI	Baing, Sumba	3.21	223	P	Pn	10 14 12.2	+1.2
BKSI	Bulukumba	3.67	313	P	Pn	10 14 16.8	+0.7
TWSI	Taliwang, Sumb	5.92	261	P	Pn	10 14 44.2	+0.8
IGBI	Denpasar	7.64	262	P	Pn	10 15 04.3	-0.6
MTN	Manoton Dam	9.57	122	P	Pn	10 15 28.2	-1.2
KNRA	Kunurra	9.72	144	P	Pn	10 15 29.9	-1.3
FITZ	Fitzroy Crossi	10.55	165	P	Pn	10 15 41.2	-0.5
FAKI	Fak Fak	10.61	63	P	Pn	10 15 42.4	-0.1
FAKI	Fak Fak	10.61	63	P	Pn	10 15 41.6	-0.9
KDU	Kakao	10.66	118	P	Pn	10 15 43.0	0.0
PCJI	Pacitan	11.52	268	P	Pn	10 15 54.2	+0.4
WRA	Warramunga Arr	16.41	138	P	Pn	10 16 51.6	-1.6
WRA		2.1nm,0.3s,baz=318,slow=12,SNR=6.5				10 19 52.6	+2.1
WRKA	Warakurna	17.87	164	P	Pn	10 17 08.8	-1.5
ASAR	Alice Springs	18.98	147	P	Pn	10 17 20.4	-3.0
ASAR		2.2nm,0.3s,baz=335,slow=11,SNR=12.4				10 20 42.0	+0.4
MEEK	Meekatharra	19.10	192	P	Pn	10 17 22.4	-2.2
QIS	Mount Isa	20.58	130	P	P	10 17 36.6	0.0
COEN	Coen	20.89	109	P	P	10 17 40.3	+0.4
STKA	Stephens Creek	29.62	146	P	P	10 18 59.5	+1.1
STKA		3.5nm,0.4s,baz=326,slow=8.9,SNR=18				10 18 59.6	+1.1
SONM	Songoing Array	57.32	347	P	Pn	10 22 41.2	+2.9
MKAR	Makanchi Array	65.24	331	P	P	10 23 32.1	+1.0
ZAAO	Zalesovo Array	69.39	337	P	P	10 23 56.8	0.0
TORD	Torodi Arr Be	121.96	281	PKP	PKPpdf	10 31 41.8	+0.1

NNC 08 10:34:15.0-2.8,42.31N:80.85E,h0km,mb3.5,mpv3.3, 6C-4D, Error ellipse: s-maj=20.2km s-min=18.8km az=18.0,Kyrgyzstan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PDGK	Podgornoye	1.43	316	Op	Pn	10 34 40.6	-1.5
PDGK		12nm,0.4s				10 35 01.2	0.0
TKM2	Tokmak 2	3.93	281	Op	Pn	10 35 18.8	+2.0
TKM1	Tokmak 1	7.0nm,0.3s				10 36 16.8	
MK31	Makanchi Array	4.60	12	Op	Pn	10 35 25.4	-0.4
MK31		1.8nm,0.5s,baz=184,slow=13,SNR=30				10 36 22.9	+2.9
MK31		11nm,0.7s				10 36 39.6	
AAK	Ala-Archa	4.71	272	Op	Pn	10 35 29	

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sonseca Array, Malin Array Be, ULM, YKA, BRTR, ILAR, PDAR, PDAR, TORD, BVAR, TXAR, KURBB, CMIG, MKAR, SONM, KSRS, PALK, WRA, ASAR, etc.

ICC 08 10:50:40.1, 1.9, 8.08S, 126.86E, h0km, mb3.4/1, mb1 3.3/3, mb1mx3.3/34, mbtmp3.3/3, ML3.5/2, Error ellipse: s-maj=215.2km s-min=31.6km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SAUI, MTN, KDU, FAKI, KNRA, WRA, ASAR, etc.

ICC 08 11:00:29.1, 0.8, 56.34S, 25.49W, h0km, mb4.4/5, mb1 4.4/6, mb1mx3.9/20, mbtmp4.3/6, ML3.5/1, MS2.4/1, MS1 2.4/1, ms1mx2.3/21, Error ellipse: s-maj=34.5km s-min=20.7km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SNA, TRQA, QSPA, SUR, LVC, VNA, LPZ, TORD, KULM, SPMM, YKA, SONM, ILAR, etc.

ICC 08 11:02:29.8, 1.6, 36.02N, 4.14E, h0km, mb3.3/3, mb1 3.4/5, mb1mx3.2/38, mbtmp3.4/5, ML3.7/2, Error ellipse: s-maj=31.1km s-min=26.4km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKET, ADJB, EMHD, SEMT, SERA, DFRA, CASM, EBNR, CAEH, ETRT, EANR, CMAH, OKGL, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EIBI, USTO, ETOS, ETOS, ETOS, KEST, KEST, OLHC, OLHC, OLHC, EMUR, EMUR, ENIJ, ENIJ, ENIJ, ENIJ, ENIJ, ETOB, ETOB, ETOS, ETOS, EMOS, EMOS, EMOS, EHUE, EHUE, EBER, EBER, EBER, EBER, ERTA, ERTA, EPOB, EPOB, EPOB, EPOB, CFON, CFON, CFON, EQES, EQES, EMIR, EMIR, EMIR, EGUA, EGUA, SELV, SELV, SELV, EJON, EJON, SJAF, SJAF, CLLI, CLLI, CLLI, CSOR, CSOR, ETOR, ETOR, EMUJ, EMUJ, EADA, EADA, ESDC, ESDC, ESDC, GUD, GUD, IELO, IELO, ATE, ATE, EAR1, EAR1, EAR1, ECAL, ECAL, TORD, AKASA, MKAR, etc.

DJA 08 11:03:06.4, 0.5, 8.54S, 10.6E, h10km, M3.7/6, mb4.2/1, ML3.5/6, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBJI, CISI, CISI, LEM, LEM, MDSI, MDSI, PCJI, etc.

ICC 08 11:06:02.0, 0.8, 56.34S, 25.34W, h0km, mb4.2/5, mb1 4.2/6, mb1mx3.7/33, mbtmp4.1/6, ML2.7/1, Error ellipse: s-maj=35.9km s-min=20.7km az=73.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SNA, SNA, SNA, VNA, VNA, LVC, LVC, LPZ, LPZ, TORD, TORD, YKA, YKA, INK, INK, SONM, SONM, ILAR, ILAR, etc.

ICC 08 11:09:23.0, 0.6, 31.04S, 177.73W, h0km, mb4.4/11, mb1 4.6/11, mb1mx3.4/32, mbtmp4.4/11, MS4.2/3, MS1 4.2/3, ms1mx3.8/15, Error ellipse: s-maj=19.8km s-min=18.0km az=104.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUZ, PUZ, OUZ, OUZ, MWZ, MWZ, URZ, URZ, STKA, STKA, ASAR, ASAR, WRA, WRA, FITZ, FITZ, QSPA, QSPA, JNU, JNU, PLCA, PLCA, ASAJ, ASAJ, NVAR, NVAR, FINES, FINES, TORD, TORD, etc.

ICC 08 11:09:24.9, 0.6, 31.25S, 177.77W, h0km, mb4.4/11, mb1 4.6/11, mb1mx3.4/32, mbtmp4.4/11, MS4.2/3, MS1 4.2/3, ms1mx3.8/15, Error ellipse: s-maj=19.8km s-min=18.0km az=104.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, RAO, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUZ, PUZ, TWGZ, TWGZ, MWZ, MWZ, URZ, URZ, URZ, URZ, OUZ, OUZ, RIGZ, RIGZ, NFK, NFK, MOZ, MOZ, RPZ, RPZ, DZM, DZM, DZM, TBI, TBI, TBI, PAE, PAE, PPT2, PPT2, PPT2, RMQ, RMQ, MEH, MEH, etc.

USP	baz=19	↑/S	Sn	11 41 19.5 +2.3
USP	baz=19	↑/S	Sn	11 40 29.9 +1.8
USP	Ospenovka	4.24 17 P	Pn	11 40 28.2 +1.7
USP	SNR=5			
TKM2	Tokmak 2	4.26 29 ↑Pn	Pn	11 40 29.2 +1.7
TKM2	comp=E,50nm,0.6s			
TKM2	↑/Lg	Lg		11 41 31.1
TKM2	Tokmak 2	4.26 29 ePn	Pn	11 40 29.2 +1.7
TKM2	Tokmak 2	4.26 29 ↑/P	Pn	11 40 29.2 +1.7
TKM2	baz=32			
TKM2	↑/S	Sn		11 41 20.7 +2.7
TKM2	Tokmak 2	4.26 29 P	Pn	11 40 29.8 +2.2
TKM2	SNR=16			
TKM2	Tokmak 2	4.26 29 ePn	Pn	11 40 29.2 +1.7
TKM2	KNDK	5.09 37 ↑/Pg	Pb	11 40 52.8 +1.6
TKM2	comp=E,126nm,0.6s			
KNDK	↑/Lg	Lg		11 41 57.3
AAA	Alma-Ata	5.12 37 ePn	Pb	11 40 52.9 +1.2
AAA	↑/S	Sb		11 41 57.1 +3.3
AAA	comp=Z,205nm,0.7s			
AAA	↑/S	Sb		11 40 52.9 +1.2
AAA	↑/S	Sb		11 41 57.1 +3.3
PRZ	Przheval'sk	5.37 51 ↑/eP	Pn	11 40 42.0 -0.7
PRZ	baz=54			
PRZ	↑/eS	Sn		11 41 51.1 +5.9
CEP	Cherati	5.44 188 P	Pb	11 40 53.4 -3.8
CHP	Chirath Chowk	5.58 176 P	Pb	11 40 54.4 -5.0
THW	Thamme Wali	6.47 188 P	Pb	11 41 05.0 +7.3
PDGK	Podgornoye	6.51 49 ↑/Pn	Pn	11 40 59.3 +1.1
PDGK	comp=E,9.4nm,0.5s			
PDGK	↑/Lg	Lg		11 42 40.2
SARP	Sargodha	7.29 181 P	Pn	11 41 15.4 +6.5
OTUK	Ortayu	9.02 358 ↑/Pn	Pn	11 41 32.6 0.0
OTUK	comp=E,2.2nm,0.6s			
OTUK	↑/Lg	Lg		11 43 58.4
OTUK	Ortayu	9.02 358 i P	Pn	11 41 32.6 0.0
OTUK	↑/Pn	Pn		11 41 32.6 0.0
MK31	Makanchi Arr	10.28 40 Pn	Pn	11 41 52.0 +2.1
MK31	comp=Z,2.0nm,0.5s			
MK31	Makanchi Arr	10.28 40 Pn	Pn	11 41 52.0 +2.1
MK31	comp=Z,2.2nm,0.6s,ba=214,slow=14,SNR=28			
MK31	↑/Lg	Lg		11 44 42.3
MKAR	Makanchi Arr	10.28 40 Pn	Pn	11 41 51.9 +2.0
MKAR	comp=Z,0.3nm,0.3s,ba=217,slow=14,SNR=22			
MKAR	↑/Lg	Lg		11 44 49.3
MKAR	Makanchi Arr	10.28 40 Pn	Pn	11 41 52.7 +2.8
MKAR	comp=Z,0.3nm,0.3s,ba=221,slow=30,SNR=5.4			
IMYA	Miami	10.28 40 eP	Pn	11 41 52.7 +2.8
IMYA	↑/S	Sb		11 41 52.4 +0.1
IPAY	Payeh	11.23 260 eP	Pn	11 42 02.4 -0.8
IAKL	Akhelmad	11.37 261 eP	Pn	11 42 04.7 -0.4
GEYT	Alibek	11.54 268 Pn	Pn	11 42 11.0 +3.8
GEYT	comp=Z,2.1nm,0.3s,ba=85,slow=9.1,SNR=4.6			
GEYT	↑/S	Sn		11 44 14.0 -2.7
ISFR	Sfrayin	11.83 264 eP	Pn	11 42 12.2 +0.9
KURBB	Kurchatov Arr	12.10 18 Pn	Pn	11 42 12.1 -2.6
KURBB	comp=Z,0.1nm,0.3s,ba=211,slow=8.8,SNR=4.8			
KURBB	↑/Lg	Lg		11 45 37.8
KURK	Kurchatov	12.21 18 Pn	Pn	11 42 12.1 -4.0
KURK	Kurchatov	12.21 18 Pn	Pn	11 42 12.1 -4.0
KURK	↑/S	Sb		11 45 37.8
AB31	Akbulak array	13.58 322 Pn	Pn	11 42 32.2 -2.7
AB31	comp=Z,1.8nm,0.3s,ba=127,slow=14,SNR=89			
AB31	↑/S	Sn		11 45 00.0 -6.3
ABKAR	Akbulak array	13.58 322 ePn	Pn	11 42 32.3 -2.6
ABKAR	comp=Z,4.8nm,0.4s			
ABKAR	↑/S	Sb		11 44 54.5 -1.2
BVAO	Borovoye Arr	13.89 354 ↑/Pn	Pn	11 42 35.5 -3.7
BVAO	comp=Z,5.2nm,0.5s,ba=166,slow=11,SNR=15			
BVAR	Borovoye Arr	13.89 354 Pn	Pn	11 42 36.7 -2.5
BVAR	comp=Z,0.5nm,0.3s,ba=164,slow=12,SNR=11			
BVAR	↑/Lg	Lg		11 46 43.3
BRVK	Borovoye	13.94 354 eP	Pn	11 42 35.3 -4.5
BRVK	comp=Z,4.0nm,0.3s,ba=136,slow=22,SNR=11			
BRVK	Borovoye	13.94 354 Pn	Pn	11 42 39.3 -0.5
BRVK	Borovoye	13.94 354 ePn	Pn	11 42 37.8 -2.0
AKTO	Aktyubinsk	15.29 322 ↑/Pn	Pn	11 42 59.3 +1.0
AKTO	comp=Z,1.9nm,0.6s			
AKTO	↑/S	Sn		11 45 41.2 -7.0
AKTO	Aktyubinsk	15.29 322 Pn	Pn	11 42 56.0 -2.2
AKTO	comp=Z,0.4nm,0.3s,ba=131,slow=11,SNR=6.2			
AKTO	↑/S	Sn		11 45 41.2 -7.0
AKTO	Aktyubinsk	15.29 322 Pn	Pn	11 42 56.0 -2.2
AKTO	comp=Z,0.5nm,0.3s,ba=187,slow=23,SNR=5.7			
AKTO	↑/S	Sn		11 45 41.2
AKTO	↑/S	Sb		11 45 41.2
ZALV	Zalesovo Beam	16.86 25 Pn	Pn	11 43 17.8 -0.5
ZALV	comp=Z,0.9nm,0.3s,ba=213,slow=11,SNR=24			
ZALV	Zalesovo Beam	16.86 25 eP	Pn	11 43 19.8 -0.7
ZALV	comp=Z,1.0nm,0.3s			
NVS	Novosibirsk	17.14 21 eP	Pn	11 43 21.5 -0.4
HVS	Khovu-Aksy	18.89 44 i P	Pn	11 43 46.9 +3.4
HVS	↑/S	Sb		11 43 46.9 +3.4
ARU	Arti	19.60 336 P	P	11 43 50.5 -0.2
ARU	comp=Z,0.0nm,0.3s,ba=287,slow=19,SNR=2.1			
ARU	Arti	19.60 336 eP	Pn	11 43 52.1 +0.1
ARU	↑/S	Sb		11 47 32.7 +0.3
ARU	↑/S	Sb		11 47 32.7 +0.3
ARU	comp=Z,2.2nm,2.5s			
ARU	Arti	19.60 336 eP	Pn	11 43 51.6 -0.4
GTA	Gaotai	20.91 81 eP	Pn	11 44 06.8 +1.6
GTA	↑/S	Sb		11 44 16.4 +1.1
GTA	↑/S	Sb		11 44 20.1 +1.4
GTA	comp=Z,1.5nm,1.0s			
GTA	↑/S	Sb		11 44 19.0 +6.8
GTA	comp=Z,7.2nm,4.0s			
GTA	↑/S	Sb		11 44 19.0 +6.8
GTA	comp=Z,1.80nm,15.2s			
GTA	↑/S	Sb		11 44 19.0 +6.8
GTA	comp=Z,1.70nm,18.5s			
GTA	↑/S	Sb		11 44 19.0 +6.8
GNI	Garni	21.55 281 P	P	11 44 19.0 +6.8
GNI	comp=Z,5.9nm,0.5s,ba=58,slow=9.5,SNR=4.1			
GNI	Garni	21.55 281 P	P	11 44 19.0 +6.8
GNI	↑/S	Sb		11 44 19.0 +6.8
KBZ	Khabaz	22.76 291 P	P	11 44 26.1 +1.3
KBZ	comp=Z,6.0nm,0.5s			
KBZ	Khabaz	22.76 291 P	P	11 44 26.2 +1.3
KBZ	comp=Z,1.3nm,0.7s,ba=124,slow=11,SNR=3.2			
KBZ	Khabaz	22.76 291 P	P	11 44 26.2 +1.3
NEY	Neytrino	22.88 290 eP	P	11 44 29.4 +3.0
NEY	comp=Z,1.0nm,0.7s			
KIV	Kislovodsk	22.91 292 eP	P	11 44 29.5 +2.9
KIV	comp=Z,1.0nm,0.9s			
ZAK	Zakamensk	24.18 53 eP	P	11 44 38.5 -0.7
ZAK	comp=Z,3.0nm,1.0s			
SONM	Songino Array	25.69 59 P	P	11 44 53.3 +0.4
SONM	comp=Z,1.8nm,0.6s,ba=268,slow=11,SNR=13			
SONM	Songino Array	25.69 59 eP	P	11 44 53.2 +0.4
SONM	comp=Z,2.0nm,0.6s			
ULN	Ulanbaatar	26.13 59 eP	P	11 44 57.0 +0.1
ULN	comp=Z,5.0nm,0.9s			
ULN	Ulanbaatar	26.13 59 eP	P	11 44 57.0 +0.1
ULN	comp=Z,4.8nm,0.9s			
BRTR	Keskin Array B	30.04 28 P	P	11 45 31.9 0.0
BRTR	comp=Z,0.2nm,0.3s,ba=104,slow=9.5,SNR=2.2			
BRTR	Keskin Array B	30.04 284 eP	P	11 45 40.8 +8.9
BRTR	comp=Z,1.0nm,0.6s			
CMAR	Chiang Mai Arr	30.70 125 P	P	11 45 36.9 -0.8
CMAR	comp=Z,0.9nm,0.5s,ba=313,slow=9.9,SNR=7.9			
CMAR	Chiang Mai Arr	30.70 125 eP	P	11 45 38.4 +0.7

CMAR	comp=Z,1.0nm,0.5s			
AKASG	Main Array Be	32.42 305 P	P	11 45 52.9 +0.4
AKASG	comp=Z,0.2nm,0.4s,ba=78,slow=6.9,SNR=3.5			
AKASG	Main Array Be	32.42 305 P	P	11 45 52.9 +0.4
AKASG	comp=Z,1.0nm,0.4s			
FINES	FINES Array B	36.06 324 P	P	11 46 24.2 +0.3
FINES	comp=Z,1.4nm,0.4s,ba=113,slow=10,SNR=12			
FINES	↑/LR	LR		12 00 26.4
FINES	FINES Array B	36.06 324 eP	P	11 46 24.2 +0.3
FINES	comp=Z,5.2nm,1.8s,ba=316,slow=35			
FINES	↑/Pn	Pn		11 46 24.2 +0.3
ARCES	ARCCESS Array B	39.19 336 P	P	11 46 50.9 +0.4
ARCES	comp=Z,1.4nm,0.5s,ba=109,slow=8.1,SNR=11			
ARCES	ARCCESS Array B	39.19 336 eP	P	11 46 52.9 +2.5
ARCES	comp=Z,1.0nm,0.5s			
KLR	Kul'dur	42.44 56 P	P	11 47 17.0 -0.5
KLR	comp=Z,2.2nm,0.5s,ba=284,slow=6.8,SNR=13			
KLR	Kul'dur	42.44 56 P	P	11 47 17.0 -0.5
GERES	GERESS Array B	42.55 303 eP	P	11 47 19.7 +1.2
GERES	comp=Z,0.8nm,0.5s,ba=80,slow=8.3,SNR=6.0			
GERES	GERESS Array B	42.55 303 eP	P	11 47 20.1 +1.6
GERES	comp=Z,1.0nm,0.5s			
TIXI	Tiksi	42.72 23 eP	P	11 47 18.5 -0.9
TIXI	comp=Z,2.0nm,0.6s			
TIXI	Tiksi	42.72 23 eP	P	11 47 18.4 -0.9
TIXI	comp=Z,2.5nm,0.6s			
NB2	NORSAR Subarra	43.09 321 P	P	11 47 22.1 -0.5
NB2	comp=Z,1.3nm,0.5s,ba=89,slow=7.9			
NOA	NORSAR Array B	43.09 321 P	P	11 47 22.2 -0.4
NOA	comp=Z,0.9nm,0.5s,ba=92,slow=7.9,SNR=4.3			
NOA	↑/LR	LR		12 06 17.7
NOA	NORSAR Array B	43.09 321 eP	P	11 47 24.3 +1.7
NOA	comp=Z,1.0nm,0.5s			
BILL	Bilbino	55.55 271 eP	P	11 48 59.5 +1.8
BILL	comp=Z,2.0nm,1.0s			
BILL	Bilbino	55.55 271 eP	P	11 48 59.5 +1.8
BILL	↑/S	Sb		11 51 05.3
BILL	↑/S	Sb		11 56 33.6 -1.0
TORD	Torodi Arr. Bea	67.18 269 P	P	11 50 17.2 0.0
TORD	comp=Z,1.0nm,0.5s,ba=54,slow=5.6,SNR=11			
ILAR	Eielson Array	71.77 17 P	P	11 50 43.4 -1.5
ILAR	comp=Z,1.2nm,0.8s,ba=319,slow=4.7,SNR=19			
ILAR	Eielson Array	71.77 17 eP	P	11 50 43.3 -1.5
ILAR	comp=Z,1.0nm,0.7s			
PMR	Palmer	73.94 19 eP	P	11 50 52.0 -5.7
PMR	comp=Z,4.0nm,0.6s			
PMR	Palmer	73.94 19 eP	P	11 50 52.0 -5.7
PMR	comp=Z,3.7nm,0.6s			
YKA	Yellowknife Arr	78.45 3 P	P	11 51 22.7 -0.6
YKA	comp=Z,0.7nm,0.7s,ba=351,slow=5.7,SNR=8.2			
YKA	Yellowknife Arr	78.45 3 P	P	11 51 22.7 -0.6
YKA	comp=Z,1.0nm,0.7s			
WRA	Warramanga Arr	82.29 123 P	P	11 51 44.2 -0.4
WRA	comp=Z,0.8nm,0.8s,ba=325,slow=5.0,SNR=12			
WRA	Warramanga Arr	82.29 123 eP	P	11 51 43.2 -1.4
WRA	comp=Z,1.0nm,0.5s			
ASAR	Alice Springs	84.70 126 P	P	11 51 56.6 -0.3
ASAR	comp=Z,0.3nm,0.7s,ba=312,slow=4.4,SNR=4.2			

IDC 08 11:53:33.1-1.9, 56:36S; 25:63W, h0km, mb3.9/1,
 mb1 3.9/1, mb1mx3.6/16, mbtmpp3.9/1, Error ellipse:
 s-maj=108.7km s-min=69.8km az=138.0, South
 Sandwich Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC	ISC
TORD	Torodi Arr. Bea	72.92 28	Op	P	12 04 03.9	0.0	0.0
YKA	Yellowknife Arr	136.99 31	PKP	Pdf	12 11 55.8	-0.4	-0.4
SONM	Songino Array	149.86 86	PKP	Pbc	12 12 23.9	-0.4	-0.4
ILAR	Eielson Array	150.97 31	PKP	Pbc	12 12 25.9	-0.3	-0.3

IDC 08 11:53:37.0-0.8, 39:41N; 71:90E, h0km, mb3.7/9,
 mb1 3.8/16, mb1mx3.7/48, mbtmpp3.7/16, ML3.5/7, Error
 ellipse: s-maj=15.8km s-min=12.9km az=142.0
 KRNET 08 11:53:40.1-1.3, 39:18N; 71:84E, h0km, mb4.2,
 NNC 08 11:53:41.5-2.1, 39:18N; 71:98E, h0km, mb4.3, mpv4.0,
 Error ellipse: s-maj=17.6km s-min=7.4km az=19.0
 MOS 08 11:53:41.6-2.4, 39:53N; 71:67E, h32km, mb3.8/4, Error
 ellipse: s-maj=18.0km s-min=9.6km az=89.2
 IDC 08 11:53:39.2-1.1, 39:77N; 0:04, 71:87E, h0.03, h8km, 6km,
 n76, +1998/87, mb3.6/11, 36C-25D, Tajikistan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC	ISC
BTK	Batken	0.86 290	Op	P	11 53 55.2	-0.5	-0.5
BTK	bat=288						
BTK	↑/S	Sb		11 54 08.3	+0.2	+0.2	
OHH	Osh	1.03 43	↑/P	Pn	11 53 59.3	-0.1	-0.1
OHH	baz=45						
OHH	↑/S	Sb		11 54 19.3			

ASAR Alice Springs 85.58 126 P P 12 06 15.9 -2.2

ISCJB 08 12:05:44.5:0.4, 40.56N:0.03:38.30E:0.03, h0km, Error ellipse: s-maj=4.0km s-min=3.3km az=160.8

ISC 08 12:05:44.3, 40.50N:38.31E, h7km, MD2.9

DDA 08 12:05:44.8, 40.58N:38.27E, h7km, MD2.8

CSEM 08 12:05:44.7, 40.53N:38.29E, h1km, MD2.8, Error ellipse: s-maj=5.1km s-min=4.2km az=4.0, Mining explosion.

ISC 08 12:05:44.1:0.8, 40.51N:0.03:38.29E:0.02, h0km, n24, 0.057/40, Turkey

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

ISC 08 12:33:28.4:1.9, 56.38S:25.79W, h0km, mb3.9/2, mb1 4.1/2, mb1mx3.7/22, mbtmp3.9/2, Error ellipse: s-maj=79.0km s-min=42.5km az=6.0, South Sandwich Islands region

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

ISC 08 12:39:01.7:9.8, 23.75S:179.69W, h539km, 109km, mb3.5/5, mb1 3.6/6, mb1mx3.1/37, mbtmp4.5/6, Error ellipse: s-maj=93.8km s-min=45.0km az=17.0, South of Fiji Islands

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

ISC 08 12:42:16.2:0.7, 56.36S:25.41W, h0km, mb4.5/6, mb1 4.4/7, mb1mx3.9/31, mbtmp4.3/7, ML3.6/1, MS3.2/3, Ms1 3.2/3, ms1mx2.9/19, Error ellipse: s-maj=33.5km s-min=18.4km az=80.0

NEIC 08 12:42:17.5:0.4, 56.33S:25.49W, h10km, mb4.7/3, Error ellipse: s-maj=14.0km s-min=9.2km az=72.0

ISCJB 08 12:42:18.4:0.6, 56.32S:0.08:25.4W:0.2, h29km, mb4.6/10, MS3.2/3, Error ellipse: s-maj=18.0km s-min=11.4km az=171.4

ISC 08 12:42:20.3:0.7, 56.4S:0.1:25.5W:0.2, h29km, n23, 0.062/17, mb4.5/10, MS3.3/3, South Sandwich Islands region

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

DDA 08 12:45:32.5:1.7, 17.47N:101.55W, h0km, mb3.7/3, mb1 4.0/5, mb1mx3.6/37, mbtmp3.6/5, ML3.3/2, MS3.2/7, Ms1 3.2/7, ms1mx3.0/33, Error ellipse: s-maj=45.7km s-min=28.1km az=59.0

ISCJB 08 12:45:36.2:0.5, 17.75N:0.05:101.34W:0.3, h25km, mb3.5/3, MS3.1/3, Error ellipse: s-maj=7.9km s-min=3.4km az=9.5

MEX 08 12:45:39.0:0.5, 17.68N:101.37W, h40km, 5km, MD4.3

NEIC 08 12:45:39.0, 17.68N:101.37W, h40km, MD4.3, (MEX), After MEX.

ISC 08 12:45:37.2:0.8, 17.72N:0.05:101.35W:0.03, h25km, n29, 0.18/34/42, mb3.6/3, MS3.1/3, Near coast of Guatemala

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

ISC 08 13:11:44.8:2.4, 50.80N:172.58W, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.4/35, mbtmp3.0/5, ML3.8/1, Error ellipse: s-maj=62.2km s-min=32.2km az=10.0

NEIC 08 13:11:46.2:0.9, 50.77N:172.44W, h10km, ML3.2(AEIC), Error ellipse: s-maj=18.9km s-min=6.7km az=4.0

ISCJB 08 13:11:48.4:0.9, 50.78N:172.68W:0.09, h33km, mb3.4/4, Error ellipse: s-maj=15.8km s-min=6.9km az=16.1

ISC 08 13:11:49.8:1.1, 50.81N:172.65W:0.07, h35km, n20, 0.1906/23, mb3.4/4, Andreon Islands

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

DDA 08 13:12:46.5, 38.05N:34.86E, h7km, MD2.7

ISCJB 08 13:12:47.9:0.6, 38.00N:0.04:34.87E:0.04, h11km, 6km, Error ellipse: s-maj=6.1km s-min=5.6km az=22.7

CSEM 08 13:12:47.8:0.3, 38.01N:34.86E, h15km, MD2.6, Error ellipse: s-maj=6.4km s-min=5.1km az=31.0

ISC 08 13:12:47.7:0.9, 37.99N:0.03:34.85E:0.03, h15km, 7km, n18, 0.060/32, Turkey

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

Table with columns: YESY, KOZT, KOZT, etc. Lists stations like Yesilyurt, Kozan, etc.

ISC 08 13:15:13.3:2.0, 56.53S:25.46W, h0km, mb3.8/2, mb1 3.9/2, mb1mx3.7/16, mbtmp3.8/2, Error ellipse: s-maj=80.0km s-min=44.7km az=6.0, South Sandwich Islands region

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

ISC 08 13:24:41.1:418.0, 2.33S:8.28W, h0km, Error ellipse: s-maj=184.8km s-min=136.4km az=43.0, South Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I50GB, I17CI, I11CV, etc.

ISC 08 13:29:50.8, 38.54N:37.55E, h2km, MD2.7

CSEM 08 13:29:51.6:0.3, 38.65N:37.50E, h2km, MD2.7, Error ellipse: s-maj=9.7km s-min=6.5km az=179.0

DDA 08 13:29:52.4, 38.61N:37.50E, h7km, MD2.7

ISC 08 13:29:51.5:1.1, 38.63N:0.03:37.49E:0.03, h2km, 9km, n16, 0.191/30, Turkey

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

ISC 08 13:40:15.0:1.4, 1.97S:99.47E, h30km, mb3.9/11, mb1 4.1/11, mb1mx3.9/41, mbtmp3.9/11, MS2.8/2, Ms1 2.9/2, ms1mx2.4/36, Error ellipse: s-maj=70.9km s-min=14.5km az=55.0

ISCJB 08 13:40:17.5:0.6, 1.97S:0.06:99.51E:0.18, h30km, mb4.1/13, MS2.7/1, Error ellipse: s-maj=13.5km s-min=5.5km az=143.9

NEIC 08 13:40:20.9:1.3, 1.89S:99.59E, h42km, 10km, mb4.2/3, Error ellipse: s-maj=23.8km s-min=6.6km az=56.0

DJA 08 13:40:20.2:0.4, 2.54x10.0E, h23km, 7km, ML3.9/16, mb4.0/6, MLV3.8/2, MLV4.1/16

ISC 08 13:40:19.5:0.7, 1.92S:0.09:99.5E:0.1, h30km, n36, 0.087/37, mb4.0/13, Southern Sumatra

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

ISC 08 13:40:20.2:0.4, 2.54x10.0E, h23km, 7km, ML3.9/16, mb4.0/6, MLV3.8/2, MLV4.1/16

ISC 08 13:40:19.5:0.7, 1.92S:0.09:99.5E:0.1, h30km, n36, 0.087/37, mb4.0/13, Southern Sumatra

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

DDA 08 13:42:46.5, 38.05N:34.86E, h7km, MD2.7

ISCJB 08 13:42:47.9:0.6, 38.00N:0.04:34.87E:0.04, h11km, 6km, Error ellipse: s-maj=6.1km s-min=5.6km az=22.7

CSEM 08 13:42:47.8:0.3, 38.01N:34.86E, h15km, MD2.6, Error ellipse: s-maj=6.4km s-min=5.1km az=31.0

ISC 08 13:42:47.7:0.9, 37.99N:0.03:34.85E:0.03, h15km, 7km, n18, 0.060/32, Turkey

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

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABKAR, FINES, ARCES, TXAR, and JCT.

Table for MEX 08 14:03:00.6-0.4, 15.66N-96.07W, h6km, 3km, MD4.0, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

BE0 08 14:03:44.9-0.8, 43.90N-16.44E, h5km, 1km, ML3.5/1
ISCJB 08 14:03:47.9-0.7, 44.01N-0.02-16.61E-0.03, h8km, 4km,
Error ellipse: s-maj=3.6km s-min=2.5km az=141.8

Table for Peninsula. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BLY, BRY, UPM, BOJ, BOJ2, BOJ3, BBL, BBL2, HCY, HCY2, HCY3, HCY4, NIK, NIK2, NIK3, PLE, PLE2, PLE3, TEKS, TEKS2, CEME, BUM, BUM2, BUM3, NMS, DIVS, DIVS2, DIVS3, DIVS4, DIVS5, DIVS6, DIVS7, DIVS8, DIVS9, DIVS10, DIVS11, DIVS12, DIVS13, DIVS14, DIVS15, DIVS16, DIVS17, DIVS18, DIVS19, DIVS20, DIVS21, DIVS22, DIVS23, DIVS24, DIVS25, DIVS26, DIVS27, DIVS28, DIVS29, DIVS30, DIVS31, DIVS32, DIVS33, DIVS34, DIVS35, DIVS36, DIVS37, DIVS38, DIVS39, DIVS40, DIVS41, DIVS42, DIVS43, DIVS44, DIVS45, DIVS46, DIVS47, DIVS48, DIVS49, DIVS50, DIVS51, DIVS52, DIVS53, DIVS54, DIVS55, DIVS56, DIVS57, DIVS58, DIVS59, DIVS60, DIVS61, DIVS62, DIVS63, DIVS64, DIVS65, DIVS66, DIVS67, DIVS68, DIVS69, DIVS70, DIVS71, DIVS72, DIVS73, DIVS74, DIVS75, DIVS76, DIVS77, DIVS78, DIVS79, DIVS80, DIVS81, DIVS82, DIVS83, DIVS84, DIVS85, DIVS86, DIVS87, DIVS88, DIVS89, DIVS90, DIVS91, DIVS92, DIVS93, DIVS94, DIVS95, DIVS96, DIVS97, DIVS98, DIVS99, DIVS100.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PKST, TAR, MDVR, MDV, MDV2, MDV3, MDV4, MDV5, MDV6, MDV7, MDV8, MDV9, MDV10, MDV11, MDV12, MDV13, MDV14, MDV15, MDV16, MDV17, MDV18, MDV19, MDV20, MDV21, MDV22, MDV23, MDV24, MDV25, MDV26, MDV27, MDV28, MDV29, MDV30, MDV31, MDV32, MDV33, MDV34, MDV35, MDV36, MDV37, MDV38, MDV39, MDV40, MDV41, MDV42, MDV43, MDV44, MDV45, MDV46, MDV47, MDV48, MDV49, MDV50, MDV51, MDV52, MDV53, MDV54, MDV55, MDV56, MDV57, MDV58, MDV59, MDV60, MDV61, MDV62, MDV63, MDV64, MDV65, MDV66, MDV67, MDV68, MDV69, MDV70, MDV71, MDV72, MDV73, MDV74, MDV75, MDV76, MDV77, MDV78, MDV79, MDV80, MDV81, MDV82, MDV83, MDV84, MDV85, MDV86, MDV87, MDV88, MDV89, MDV90, MDV91, MDV92, MDV93, MDV94, MDV95, MDV96, MDV97, MDV98, MDV99, MDV100.

Table for MEX 08 14:03:00.6-0.4, 15.66N-96.07W, h6km, 3km, MD4.0, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISCJB 08 14:03:47.9-0.7, 44.01N-0.02-16.61E-0.03, h8km, 4km,
Error ellipse: s-maj=3.6km s-min=2.5km az=141.8
VIE 08 14:03:48.3-1.7, 43.83N-17.26E, h10km, mb3.3/15,
m16.6/14, m33.4/2, Error ellipse: s-maj=18.8km
s-min=15.1km az=65.0

Table for MEX 08 14:03:00.6-0.4, 15.66N-96.07W, h6km, 3km, MD4.0, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISCJB 08 14:03:48.5-1.1, 43.98N-0.02-16.72E-0.03, h5km, 8km,
n154, r1958/196, 32C-25D, Northwestern Balkan

Table for MEX 08 14:03:01.0-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISC 08 14:18:28.0-3.8, 26N-38.36E, h5km, MD2.6
CSEM 08 14:18:28.6-0.3, 38.24N-38.41E, h5km, MD3.0, Error
ellipse: s-maj=9.2km s-min=5.1km az=32.0

Table for MEX 08 14:03:01.0-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISC 08 14:18:30.1-3.8, 08N-38.24E, h3km, MD3.0
ISC 08 14:18:28.5-1.2, 38.17N-0.03-38.34E-0.02, h8km, 10km,
n26, r099/45, Turkey

Table for MEX 08 14:03:01.0-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, ASAR2, ASAR3, ASAR4, ASAR5, ASAR6, ASAR7, ASAR8, ASAR9, ASAR10, ASAR11, ASAR12, ASAR13, ASAR14, ASAR15, ASAR16, ASAR17, ASAR18, ASAR19, ASAR20, ASAR21, ASAR22, ASAR23, ASAR24, ASAR25, ASAR26, ASAR27, ASAR28, ASAR29, ASAR30, ASAR31, ASAR32, ASAR33, ASAR34, ASAR35, ASAR36, ASAR37, ASAR38, ASAR39, ASAR40, ASAR41, ASAR42, ASAR43, ASAR44, ASAR45, ASAR46, ASAR47, ASAR48, ASAR49, ASAR50, ASAR51, ASAR52, ASAR53, ASAR54, ASAR55, ASAR56, ASAR57, ASAR58, ASAR59, ASAR60, ASAR61, ASAR62, ASAR63, ASAR64, ASAR65, ASAR66, ASAR67, ASAR68, ASAR69, ASAR70, ASAR71, ASAR72, ASAR73, ASAR74, ASAR75, ASAR76, ASAR77, ASAR78, ASAR79, ASAR80, ASAR81, ASAR82, ASAR83, ASAR84, ASAR85, ASAR86, ASAR87, ASAR88, ASAR89, ASAR90, ASAR91, ASAR92, ASAR93, ASAR94, ASAR95, ASAR96, ASAR97, ASAR98, ASAR99, ASAR100.

NEIC 08 14:07:56.4, 15.70N-96.12W, h8km, MD4.4, After MEX.
MEX 08 14:07:56.4+1.1, 15.70N-96.12W, h8km, 10km, MD4.4, Near coast of Oaxaca

Table for MEX 08 14:07:56.4+1.1, 15.70N-96.12W, h8km, 10km, MD4.4, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

MEX 08 14:12:53.8-0.3, 15.65N-96.06W, h2km, MD3.6, Near coast of Oaxaca

Table for MEX 08 14:12:53.8-0.3, 15.65N-96.06W, h2km, MD3.6, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

MEX 08 14:14:03.1-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca

Table for MEX 08 14:14:03.1-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISC 08 14:18:28.0-3.8, 26N-38.36E, h5km, MD2.6
CSEM 08 14:18:28.6-0.3, 38.24N-38.41E, h5km, MD3.0, Error
ellipse: s-maj=9.2km s-min=5.1km az=32.0

Table for MEX 08 14:14:03.1-0.4, 15.65N-96.04W, h7km, 3km, MD4.1, Near coast of Oaxaca. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISC 08 14:18:30.1-3.8, 08N-38.24E, h3km, MD3.0
ISC 08 14:18:28.5-1.2, 38.17N-0.03-38.34E-0.02, h8km, 10km,
n26, r099/45, Turkey

Table for MEX 08 14:18:28.5-1.2, 38.17N-0.03-38.34E-0.02, h8km, 10km, n26, r099/45, Turkey. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISCJB 08 14:35:19.6-1.1, 38.50N-0.05-22.26E-0.05, h2km, 12km,
Error ellipse: s-maj=8.0km s-min=5.8km az=159.3

Table for MEX 08 14:35:19.6-1.1, 38.50N-0.05-22.26E-0.05, h2km, 12km, Error ellipse: s-maj=8.0km s-min=5.8km az=159.3. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

CSEM 08 14:35:19.2-0.2, 38.51N-22.26E, h18km, 1km, ML1.6/3, Error
ellipse: s-maj=2.4km s-min=0.6km az=159.0

Table for MEX 08 14:35:19.2-0.2, 38.51N-22.26E, h18km, 1km, ML1.6/3, Error ellipse: s-maj=2.4km s-min=0.6km az=159.0. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 08 14:05:00.4-66.0, 14.61S-169.12E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.6/40, mbtmp3.7/3, MS3.0/1, M31 3.0/1,
ms1mx2.4/25, Error ellipse: s-maj=119.0km
s-min=119.3km az=66.0, Vanuatu Islands

Table for IDC 08 14:05:00.4-66.0, 14.61S-169.12E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/40, mbtmp3.7/3, MS3.0/1, M31 3.0/1, ms1mx2.4/25, Error ellipse: s-maj=119.0km s-min=119.3km az=66.0, Vanuatu Islands. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

8d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BBOO Buckleboo, JMBI JAMBI, STKA Stephens Creek, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PATY Pattaya, MILA Mila, LHMI Lhok Sumawe, etc.

338

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSBON Boeun, KSKOJ Gongju, KSCOA Cheonan, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like White River Ci, Kesra, Paradox Valley, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Brookman Farm, McGregory, Sunnyside, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Marmelete, Gary, Vila Bisbo, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include Cape Leeuwijn H, Warramunga Arr, Alarm Springs, Songo Array, Makanchi Array, Zalesovo Beam.

IDC 08 17:08:47.0:2.0, 0.42N, 126.37E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.1/50, mbtmp3.2/3, Error ellipse: s-maj=174.7km s-min=26.5km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Alarm Springs, Makanchi Array.

DJA 08 17:16:11.1:0.8, 8.7S, 7.10E, h10km, M4.6/10, mb4.7/4, MLV4.5/10

IDC 08 17:16:12.1:1.1, 8.07S, 102.95E, h0km, mb3.9/14, mb1 4.0/14, mb1mx3.8/63, mbtmp3.9/14, Error ellipse: s-maj=45.4km s-min=14.0km az=45.0

NEIC 08 17:16:13.5:0.6, 8.05S, 103.08E, h10km, mb4.4/3, Error ellipse: s-maj=23.8km s-min=8.0km az=223.0

ISCJB 08 17:16:15.6:0.6, 7.85S, 0.07E, 103.18E, 0.06, h33km, mb4.0/16, Error ellipse: s-maj=10.9km s-min=6.4km az=35.9

AUST 08 17:16:33.0:1.2, 9.24S, 104.77E, h189km, Error ellipse: s-maj=2.1km s-min=1.3km az=238.0

ISC 08 17:16:18.8:0.8, 7.71S, 0.09E, 103.27E, 0.10, h35km, n43, r1542/36, mb4.0/16, Southwest of Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include Kasi Kota Agung, CGJI Cibinong, LWLI Liwa, MDSI Maura Dua, SKJI Sukabumi, MNAI Manna, XMSI Christmas Isla, XMI Christmas Isla, CBJI Citeko, CNJI Cibinong, LHSI Lahat, LEM Lembang, LEM Lembang, PCJI Pacitan, BATI Baatuta, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, WRA Warramunga Arr, WRAB Tennant Creek, ASAR Alarm Springs, STKA Stephens Creek, SONM Songo Array, MKAR Makanchi Array, KURBS Kurchatov Arr, KURK Kurchatov, ZALV Zalesovo Beam, BVAR Borovoye Array, ABKAR Akbulak array, ARU Arti, MMAI Mount Meron Arr, BRTR Keskini Array B, TXAR Lajitas Array.

ISCJB 08 17:16:36.6:0.5, 36.14N, 0.04E, 70.87E, 0.06, h188km, mb3.5/7, Error ellipse: s-maj=7.6km s-min=5.0km az=152.3

IDC 08 17:16:38.2:2.9, 36.36N, 71.04E, h204km, 25km, mb3.2/8, mb1 3.2/12, mb1mx2.9/54, mbtmp3.7/12, Error ellipse: s-maj=31.7km s-min=17.1km az=140.0

NNC 08 17:16:43.1:2.7, 36.87N, 70.69E, h191km, 38km, mb2.5, mpv3.5, Error ellipse: s-maj=30.6km s-min=19.1km az=57.0

ISC 08 17:16:37.0:7.7, 36.52N, 0.07E, 70.87E, 0.07, h188km, n28, r141/34, mb3.6/7, GC-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include Sufi-Kurgan, SFK Sufi-Kurgan, MNAS Manas, MNAS Manas, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, GEYT Alibek.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include Makanchi Array, Makanchi Array, KOLN Koldana, GKN Gorkha, DMN Damai, KKN Kakani, AB31 Akbulak array, AB31, KURBS Kurchatov Arr, KURBK Kurchatov, PKI Pulchoki, GUN Gumb, RAMN Ramite, TAPAN Taplejung, ODAN Odare, ZALV Zalesovo Beam, BRTR Keskini Array B, FINES FINESS Array B, ARCAS ARCESS Array B, NOA NORARS Array B, TORD Torodi Arr, MATP Matopo, YKA Yellowknife Arr.

IDC 08 17:18:55.4:0.4, 19.87S, 174.37W, h0km, mb4.4/21, mb1 4.6/24, mb1mx4.5/35, mbtmp4.4/24, ML4.3/3, MS3.8/21, Ms1 3.8/21, ms1mx3.7/35, Error ellipse: s-maj=19.2km s-min=12.9km az=143.0

BGR 08 17:18:57.0, 19.97S, 174.30W, h33km, BUJ 08 17:18:58.2, 19.96S, 174.59W, h20km, mb4.9/20, ms2.5/15, Ms5.2/4, Ms7.4/6

NEIC 08 17:18:58.3:4.1, 19.86S, 174.41W, h18km, 20km, mb5.1/8, Error ellipse: s-maj=11.0km s-min=6.3km az=136.0

NEIC Felt at Pangai. AUST 08 17:18:58.7:8.2, 19.94S, 173.96W, h29km, Error ellipse: s-maj=2.4km s-min=1.3km az=358.0

ISCJB 08 17:19.0:2.0, 3.19S, 0.08E, 174.45W, 0.06, h42km, mb4.7/33, MS3.9/20, Error ellipse: s-maj=6.1km az=153.9

ISC 08 17:19:01.7:0.4, 19.88S, 0.08E, 174.31W, 0.08, h42km, n25, r115/190, mb4.6/32, MS3.9/21, 23C-12D, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include NIUE Niue, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, MSVF Nonsavu, RAR Raronga, RAR Raronga, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ Urewera, URZ Urewera, TBI Tubuai, TBI Tubuai, TBI Tubuai, PAE Paea, PPT2 Papeete, PPT2 Papeete, MEH Metheh, RPZ Rapa Peaks, HNR Honiara, TAOE Nuku Hiva Isla, RKT Rikitea, RKT Rikitea, RKT Rikitea, CTA Charters Tower, CTA Charters Tower, CMAO Cobar Meteorol, MTSU Mount Surprise, STKA Stephens Creek, STKA Stephens Creek, ASAR Alarm Springs, ASAR Alarm Springs, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, MTN Mantion Dam, WRKA Warakuma, SIJI Sorong, SWI Sorong, FITZ Fitzroy Crossi, VVDA Vanda, VVDA Vanda.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include SOEI Soe, DAV Davao City (W), QSPA South Pole Qui, QSPA South Pole Qui, MJAR Matsushiro Arr, MJAR Matsushiro Arr, H06S1 SOCORRO T, H06E1 SOCORRO T-PHAS3, MONP Monument Peak, EDW2 Edwards Air Fo, IBP Imperial Bould, ISA Isabela, LEM Lembang, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PETK Petropavlovsk-, PETK Petropavlovsk-, LRMC Laurel Mountai, N02D Trinity Center, BC3 Big Chuckawall, MPMC Mineral Prospec, HEK Hector, Ludlow, TUQ Tuquise Moun, NVAR Mira Array Bea, NVAR Mira Array Bea, 21AA Organ Pipe Nat, PDMCI Parker Dam, LAK, TPNV Toppog Spring, KRSR Korea Array, KSAR Kusanj Array Be, KDAK Kodiak Island, J05D Fort Rock, OR, R11A Troy Canyon, C, USRK USSuriysk Arr, NJ2 Nanjing, 121A Cookes Peak, D, MAW Maxwell, MNTX Cornudas Mount, HLID Hailey, HLID Hailey, TXAR Lajitas Array, TXAR Lajitas Array, LPM Los Pinos Town, CN2 Changchun, CN2 Changchun, CN2 Changchun, PV01 Paradox Valley, NEW Newport, WHN Wuhan, TRF Thorofore Moun, MCMT McKenzie Canyo, S22A 4UR Ranch, Cre, O20A White River Ci, MCK McKinley, 429A Davenport Ranc, 530A J-C Ranch, Com, 329A Wagon Wheel Ra, QLMT Ethquake Lak, PDAR Piedale Array, PDAR Piedale Array, CMIG Matias Romero, 631A Perdido Creek, SDCO Great Sand Dun, DOT Dot Lake, MSTX Muleshoe, 531A Rocksprings, COLA College, 632A Uvalde, ILAR Eilsion Array, ILAR Eilsion Array, 21CA Paso Flores, 21CA Bronte, BJI Beijing, 433A Art, SYO Syowa Base, ABTX Abite, Hawle, Z32A Haskell, GYA Guyang, GYA Guyang, GYA Guyang, GYA Guyang, GYA GUYANG, XAN Xi'an.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNA, SNA, PMSA, QSPA, MAW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURB, CDB, QG, WMQ, YKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG, YJY, YON, TWB1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MCJ, BBJ, MBJ, STA, STH, HOJ, Hope, GWJ, Greenw, YHJ, Yallahs, CMJ, Castle Mountai.

SJA 08 18:39:47.8±0.3, 30.05Sx71.14W, h33km, ML2.6, MW2.7
ISCJB 08 18:39:54.9±0.6, 29.37S±0.05, 70.67W±0.07, h94km, Error ellipse: s-maj=9.3km s-min=3.3km az=160.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like LCO, LCO, LCO, LSCH, VACH, TLL, TLL, TLL, VCA, VCA, AMOG, MOGNA, RTLS, Leonicito, AVFE, Valle Fertli, AVFE, AVFE, AACL, CERRO LA CRUZ.

NEIC 08 18:40:58.2±1.0, 56.62N±134.01W, h10km, ML3.0(OTT), Error ellipse: s-maj=13.0km s-min=6.8km az=63.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WRAP, Wrangell Islan, CRAG, Craig, SKAG, Skagway, DLBC, Dease Lake, DLBC, Dease Lake, DLBC, Pleasant Camp, PLBC, Pleasant Camp, PLBC, Pleasant Camp, DHAK, Deception Hill, DHAK, Whitehorse, WHY, Whitehorse, WHY, Whitehorse, WHY, Whitehorse, PNI, Peninsula, YUK7, Dusty Glacier, HNT, Haines Junctio, HNT, Haines Junctio, YUK5, Granite Creek, YUK5, Granite Creek, YUK4, Talbot Arm, YUK4, Talbot Arm, YUK4, Talbot Arm, YUK3, Moose Creek, YUK3, Moose Creek, YUK2, White River, YUK2, White River, YUK1, Sand Pete Hill, YUK1, Sand Pete Hill.

IDC 08 18:51:35.4±1.6, 3.32S, 129.54E, h0km, mb3.8/4, mb1.4/1.5, mb1mx3.6/32, mbtmp3.9/5, ML4.4/1, Error ellipse: s-maj=102.4km s-min=20.6km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SANI, Sanana, MTN, Manton Dam, KNU, Kakadu, KRA, Kununurra, FITZ, Fitzroy Crossi, WRA, Warrungarra Arr, WRA, Mount Isa, QIS, Mount Surpise, MTSU, Alice Springs, ASAR, ASAR, ASAR, WRKA, Warakurna, STKA, Stephens Creek, STKA, Stephens Creek, ARPS, Mount Arapiles, CMAR, Chiang Mai Arr, MKAR, Makanchi Array, IDC 08 18:54:24.1±1.0, 29.03N±94.86E, h0km, mb3.5/8, mb1.3/6.9, mb1mx3.4/42, mbtmp3.5/9, ML3.5/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/38, Error ellipse: s-maj=51.6km s-min=16.4km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like LSA, Lhasa, SHL, Shillong, CMAR, Chiang Mai Arr, MKAR, Makanchi Array, SONM, Songoing Array, AAK, Ala-Archa, TLY, Talaya, KURBB, Kurchatov Arr, ZALV, Zalesov Beam, KRSR, Korea Array, AKASE, Malin Array Be, ARCES, ARCES Array B, WRA, Warrungarra Arr, ASAR, Alice Springs.

IDC 08 19:05:40.1±0.5, 56.31S±25.53W, h0km, mb4.4/13, mb1.4/3.14, mb1mx3.2/5, mbtmp4.4/14, ML3.8/1, MS3.8/12, Ms1.3/8.12, ms1mx3.2/18, Error ellipse: s-maj=18.5km s-min=14.9km az=42.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like HOPE, Hope Point, SNAAS, Snaae, SNAA, Snaae, PMSA, Palmer Station, PMSA, Palmer Station, TRQA, Torquait, PLCA, Pasifloa, GSPA, South Pole Qui, CPUP, Villa Florida, CFAA, Coronel Fenton, MAW, Mawson, MAW, Mawson, SUR, Sutherland, BDBF, Brasilia, BOSA, Boshof, BOSA, Limon Verde, LVC, Limon Verde, VNDA, Vanda, VNDA, IPOS, IPOS Station P, PB07, IPOS Station P, PB07, IPOS Station P, PB01, IPOS Station P, H10S2, ASCENSION HYDRM4.04, H10S3, ASCENSION HYDRM4.04, H10S1, ASCENSION HYDRM4.05, SIV, San Ignacio, PB11, IPOS Station P, H10N1, ASCENSION HYDRM9.16, H10N3, ASCENSION HYDRM9.16, H10N2, ASCENSION HYDRM9.17, LPAZ, La Paz, LPAZ, La Paz, SAML, Samuel, PTGA, Piting 320, LIC, Lamto, KIC, Karam Boka, TIC, Toundi, DBIC, Dimbokro, DBIC, Dimbokro, TORD, Torodi Ar. Be, TORD, Torodi Ar. Be, TORD, Kilima Mbogo, PPT, Papeete, ASAR, Alice Springs, WRA, Warrungarra Arr, NVAR, Minn Array Be, CMAR, Chiang Mai Arr, KKAR, Karatay Array, BVAR, Borovoye Array, YKA, Yellowknife Ar, YKA, Yellowknife Ar, YKA, Yellowknife Ar, ZALV, Zalesov Beam, SONM, Songoing Array, ILAR, Eielson Array.

IDC 08 19:05:42.7±0.4, 56.36S±25.52W, h0km, mb5.0/4, Error ellipse: s-maj=10.1km s-min=6.2km az=224.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KFL, Anninata, KFL, Anninata, KFL, Anninata, VLS, Valsamata, VLS, Valsamata, VLS, Valsamata, VLS, Valsamata, KFI, Anninata, AMT, Artemida-Makis, AMT, Artemida-Makis, AMT, Artemida-Makis, RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Araxos, AXS, Araxos, PXL, PYLOS, PXL, PYLOS, PXL, PYLOS, DRO, Drossia, DRO, Drossia, DRO, Drossia, DRO, Drossia, ITM, Ithomi, ITM, Ithomi, ITM, Ithomi, PDO, Prodomros, PDO, Prodomros, PDO, Prodomros, PVO, Paravola, PVO, Paravola, PVO, Paravola, PVO, Rodini, RDI, Rodini, RDI, Rodini, LAKA, Lakka, LAKA, Lakka.

ISCJB 08 19:07:42.3±0.5, 16.1S±174.52W±0.08, h175km, mb3.9/7, Error ellipse: s-maj=16.8km s-min=7.4km az=150.1

AUST 08 19:07:43.5±10.0, 16.06S±174.30W, h180km, Error ellipse: s-maj=4.8km s-min=1.8km az=255.0

IDC 08 19:07:43.4±2.1, 16.26S±174.43W, h170km±20km, mb3.7/7, mb1.4/0.9, mb1mx3.6/29, mbtmp4.3/9, MS2.8/1, Ms1.2/8.1, ms1mx2.5/26, Error ellipse: s-maj=36.4km s-min=14.6km az=138.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like AFI, Afiamaul, AFI, Afiamaul, NIUE, Niue, DZM, Mont Dzumac, URZ, Urewera, CMSA, Cobar Meteorol, QLP, Quilpie, STKA, Stephens Creek, STKA, Stephens Creek, BBOO, Buckleboe, WRA, Warrungarra Arr, WRA, Warrungarra Arr, WRA, Warrungarra Arr, ASAR, Alice Springs, MTN, Manton Dam, WTKA, Warakurna, KNRA, Kununurra, FITZ, Fitzroy Crossi, SOEI, Soe, MEEK, Meekeatharra, KLBR, Kellerberrin, ILAR, Eielson Array, PDAR, Pinedale Array, PPI, Padang Panjang, CMAR, Chiang Mai Arr, KMBO, Kilima Mbogo, BRTR, Keskii Array B, ASF, Jabal al Asfar, MMAI, Mount Meron.

ATH 08 19:18:15.9, 37.31N±20.21E, h10km±2km, ML3.4

IDC 08 19:18:16.3±1.0, 37.44N±20.39E, h0km, mb3.6/8, mb1.3/6.13, mb1mx3.4/50, mbtmp3.5/13, ML3.3/5, Error ellipse: s-maj=18.7km s-min=17.8km az=171.0

CSEM 08 19:18:16.6±0.3, 37.32N±20.28E, h2km, ML3.7, Error ellipse: s-maj=6.3km s-min=3.4km az=35.0

THE 08 19:18:17.3, 37.36N±20.31E, h0km±3km, ML3.7/6, Error ellipse: s-maj=3.7km s-min=1.4km az=230.0

ISC 08 19:18:16.6±1.4, 37.33N±20.03, 27E±0.03, h5km±gkm, n218, r1902/265, mb3.7/8, 8C-2D, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KFL, Anninata, KFL, Anninata, KFL, Anninata, VLS, Valsamata, VLS, Valsamata, VLS, Valsamata, KFI, Anninata, AMT, Artemida-Makis, AMT, Artemida-Makis, AMT, Artemida-Makis, RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Riolos of Patr, RLS, Araxos, AXS, Araxos, PXL, PYLOS, PXL, PYLOS, PXL, PYLOS, DRO, Drossia, DRO, Drossia, DRO, Drossia, ITM, Ithomi, ITM, Ithomi, ITM, Ithomi, PDO, Prodomros, PDO, Prodomros, PDO, Prodomros, PVO, Paravola, PVO, Paravola, PVO, Paravola, PVO, Rodini, RDI, Rodini, RDI, Rodini, LAKA, Lakka, LAKA, Lakka.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ISRV, ISHM, IMEH, MSB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YBH, LHEM, HUMO, VSP, etc.

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

IDC 08 20:49:13.1±2.7, 28.28S:74.89E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/32, mbtmp3.6/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/49, Error ellipse: s-maj=58.4km s-min=31.2km az=13.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H08S2, H08S1, H08S3, MATP, etc.

IDC 08 20:53:00.4±0.8, 56.47S:25.58W, h0km, mb4.0/6, mb1 4.1/7, mb1mx3.8/21, mbtmp3.9/7, ML3.4/1, MS4.0/2, Ms1 4.0/2, ms1mx3.0/20, Error ellipse: s-maj=32.7km s-min=19.1km az=64.0

NEIC 08 20:53:02.0±0.6, 56.44S:25.57W, h10km, mb4.7/2, Error ellipse: s-maj=23.9km s-min=11.0km az=59.0

ISCJB 08 20:53:03.0±0.9, 60.55S:01.256W, h29km, mb4.1/7, MS4.0/2, Error ellipse: s-maj=32.8km s-min=13.1km az=149.8

ISC 08 20:53:04.9±0.9, 56.55S:01.257W, h0.2, n19, c068/12, mb4.1/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNA, GSPA, QSPA, CPUP, etc.

ISCJB 08 19:50:09.8±0.5, 42.09N:0.05±142.58E, h73km, 3km, mb3.5/10, Error ellipse: s-maj=7.9km s-min=5.5km az=155.2

JMA 08 19:50:10.7±0.2, 42.11N:142.62E, h64km, 2km, M3.6 Broadband fault plane solution: P waves. NP1: 0.6, 0.0000°, 883.00000°, 9.6, 0.00000°. NP2: 0.141, 0.00000°, 89.00000°, 146.00000°. Principal axes: T P1g51.00000°, Azm283.00000°, N P1g6.00000°, Azm185.00000°, P P1g38.00000°, Azm90.00000°

JMA Felt J1, IDC 08 19:50:12.6±1.8, 42.20N:142.66E, h84km, 13km, mb3.4/10, mb1 3.5/13, mb1mx3.4/36, mbtmp3.7/13, MS3.0/1, Ms1 3.0/1, ms1mx2.4/32, Error ellipse: s-maj=21.8km s-min=13.1km az=113.0

ISC 08 19:50:10.4±0.8, 42.09N:0.05±142.58E, h0.4, h64km, 6km, n32, c092/32, mb3.5/10, 5C-6D, Hokkaido region

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

DJA 08 20:24:30.1±0.9, 8°S:17°11'8"E, h127km±12km, M3.5/9, mb3.9/1, MLv3.4/9, Sumbawa region

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

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

IDC 08 20:34:29.4±2.4, 13.54S:166.56E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/35, mbtmp3.6/4, ML3.2/1, Error ellipse: s-maj=56.4km s-min=43.4km az=118.0, Vanuatu Islands

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

CASC 08 20:38:23.6±2.1, 11.06N:85.56W, h165km, 9km, MD3.9, 1C, Azores Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GB1A, BUEV, LAPC, etc.

CSEM 08 20:45:58.8, 39.35N:29.80W, h10km, ML2.6, After PDA PDA 08 20:45:58.8±0.9, 39.35N:29.80W, h10km, MD3.5, ML2.6, Error ellipse: s-maj=21.6km s-min=8.2km az=43.0, Azores Islands

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

ISCJB 08 21:04:07.5±1.1, 26.7S:0.2±71.9E, h10km, mb3.8/12, MS3.7/11, Error ellipse: s-maj=38.3km s-min=18.7km

IDC 08 21:04:07.4±1.4, 26.71S:71.81E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.7/50, mbtmp3.8/10, MS3.7/11, Ms1 3.7/11, ms1mx3.4/37, Error ellipse: s-maj=46.2km s-min=24.5km az=23.0

GCMT 08 21:04:08.0±0.6, 26.19S:71.87E, h14km, 1km, MW4.8/74, Moment Tensor Solution. s25,c26; s74,c101; Duration: 0.309t; Scale 10^16Nm; Mr-1.63z; 17; Mw0.42z; 22; Best double couple: Mo1.80400x10^16 Np1.5±165.00000; 850.00000; 1.62.00000; NP2: 0.300, 0.00000; 348.00000; 1.19.00000; Principal axes: 1.7040, P1g1.0000; Azm239.0000; N 0.1930; P1g21.0000; Azm330.0000; P -1.9030; P1g69.0000; Azm146.0000; nstai refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

ISC 08 21:04:09.3±0.9, 26.72S:71.85E, h10km, mb4.3/2, Error ellipse: s-maj=30.3km s-min=17.3km az=28.0

ISC 08 21:04:09.4±1.4, 26.75S:0.3±71.9E, h10km, n31, c084/17, mb3.9/12, MS3.7/11, 3C-1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, OPO, etc.

IDC 08 20:18:55.2±2.7, 40.50N:125.01W, h0km, mb3.2/3, mb1 3.5/7, mb1mx3.4/35, mbtmp3.2/7, ML3.5/4, MS2.9/5, Ms1 2.9/5, ms1mx2.7/14, Error ellipse: s-maj=31.2km s-min=18.9km az=86.0

NEIC 08 20:18:56.1, 40.35N:125.28W, h20km, MW3.9(BRK), After NCECD.

NEIC Felt [I] at Eureka. Also felt at Blue Lake, Carlotta, McKinleyville, Rio Dell and Whitehorn.

ISC 08 20:18:56.5±2.7, 40.52N:0.08±125.1W, h11km±14km, n42, c124/36, Off coast of northern California

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

355

Table listing radio stations including BUTP, SCPH, MSLP, MUSAN, etc., with columns for call letters, frequency, power, and other technical details.

2010 DEC

Table listing radio stations under the heading 'MEX 08 23:02:04.0.4, 15°64'N-96°41'W, h27km,5km, MD4.3'. Includes stations like PANG, HUIG, OXBJ, etc., with columns for code, station name, and technical specifications.

8d 23h

Table listing radio stations under the heading 'ARIG, PLIG, TLIG, etc.'. Includes stations like BJIJ, MOS, NEIC, etc., with columns for code, station name, and technical specifications.

8d 23h

Table with columns: SISI, Salbi, 23.74 258 P, P, 23 53 45.9 -0.3, etc. Lists various satellite stations and their coordinates.

2010 DEC

Table with columns: STKA, STKA, 39.89 154 eP, P, 23 56 03.8 +1.3, etc. Lists satellite stations and their coordinates.

356

Table with columns: EKS2, Erkin-Say, 57.91 319 eP, P, 23 58 16.3 +1.2, etc. Lists satellite stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like HAWK, BIDA, SLNF, ARNB, BRBR, TCHB, KMBO, etc.

CSEM 08 23:51:38.2, 39:51N, 29.62W, h10km, ML2.4, After PDA, PDA 08 23:51:38.2, 1.4, 39:51N, 29.62W, h10km, M3.6, ML2.4, Error ellipse: s-maj=26.3km s-min=12.3km az=56.0, Azores Islands

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

KRNET 08 23:53:24.0, 1.39, 70N, 73.35E, mb2.5, NNC 08 23:53:25.1, 1.8, 39.69N, 73.49E, h0km, mb2.8, mpv2.6, Error ellipse: s-maj=33.6km s-min=8.9km az=94.0, ISC 08 23:53:23.9, 2.9, 39.7N, 0.1, 73.33E, 0.06, h6km, 12km, n15, e158/28, 12C-19D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ARK, AML, NRN, KZA, MNAS, etc.

ISC JB 09 00:01:22.7, 0.9, 9.20N, 0.04, 126.71E, 0.07, h4km, 8km, mb3, 9/16, Error ellipse: s-maj=11.0km s-min=6.1km az=166.0, MAN 09 00:12:22.9, 22N, 126.52E, h1km, mb5.0, ML3.9, MS4.0, MAN INTENSITY III - TANDAG SURIGAO DEL SUR, IDC 09 00:01:27.4, 2.6, 9.14N, 126.62E, h90km, 24km, mb3.7/16, M1 3.9/17, ms1mx3/746, mbtmp4, 1/17, MS3.6/13, M1 3.6/13, ms1mx3/344, Error ellipse: s-maj=27.1km s-min=12.0km az=72.0, ISC 09 00:01:23.7, 1.7, 9.22N, 0.04, 126.69E, 0.10, h52km, 15km, n50, e144/47, mb4.0/16, MS3.6/11, 6C-3D, Mindanao

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

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

DJA 09 00:03:07.8, 0.3, 4.3S, 103.3E, h10km, M3.8/8, MLv3.8/8, Southern Sumatera

ISC JB 09 00:10:11.4, 4.0, 6.81S, 0.04, 129.4E, 0.1, h139km, mb3.7/4, Error ellipse: s-maj=14.1km s-min=6.0km az=7.0, IDC 09 00:10:12.5, 2.3, 6.76S, 129.59E, h147km, 28km, mb3.6/4, mb1 3.7/8, mb1mx3/340, mbtmp4/0.8, Error ellipse: s-maj=41.5km s-min=13.6km az=83.0, AYT 09 00:20:12.4, 6.98S, 129.03E, h100km, ISC 09 00:20:12.3, 0.8, 6.80S, 0.06, 129.4E, 0.1, h139km, n18, e195/10, mb3.7/4, Banda Sea

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

KRNET 09 00:38:14.3, 0.1, 39.08N, 70.41E, mb2.9, NNC 09 00:38:15.2, 2.5, 38.90N, 70.53E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=21.4km s-min=13.8km az=9.0, ISC 09 00:38:19.5, 1.3, 39.17N, 0.07, 70.58E, 0.08, h10km, n14, e190/26, 11C-15D, Tajikistan

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

PGC 09 00:53:26.1, 0.5, 30N, 136.43W, h1km, ML2.0/7, 71km west of Haines, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PLBC, YUK7, etc.

9d 1h

Table with columns: PCA, Pinnacle, 2.10 294, Pn, Pn, 00 54 02.8 -0.2, etc.

WEL 09 00:53:58.3-0.1, 43.59Sx172.05E, h5km, ML3.5/12, 2C-2D, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0, South Island

Main station list for WEL, including Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, etc.

MAN 09 00:58:22.9, 28N, 126.43E, h0km, mb4.1, ML2.9, MS2.7, 1C, Mindanao

Station list for MAN, including Butuan, Surigao, Musuan, etc.

PDG 09 01:00:27.0-2.0, 43.02N, 18.71E, h11km, 1km, MD2.2/1, ML2.1/11, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0

CSEM 09 01:00:27.0-2.0, 43.01N, 18.73E, h2km, ML2.1, Error ellipse: s-maj=5.0km s-min=3.0km az=106.0

BEO 09 01:00:28.0-0.6, 43.00N, 18.75E, h6km, 5km, ML2.0/9

ISC 09 01:00:27.9-1.0, 43.01N, 02.1873E, h0.03, h6km, 10km, n42, c0983/72, 13C-8D, Northwestern Balkan Peninsula

Main station list for PDG, CSEM, BEO, and ISC, including Bratogost, Unac-Piva, Niksic, etc.

BUC 09 01:02:21.6-0.4, 45.29N, 24.09E, h6km, 2km, MD2.2/2, 6C-10D, Error ellipse: s-maj=5.2km s-min=1.5km az=1.0, Romania

Station list for BUC, including Lotru.

2010 DEC

Table with columns: LOT, Lotru, 0.28 305, S, Sg, 01 02 32.2 +1.2, etc.

ISCJB 09 01:14:42.4-0.6, 38.42N, 103.98E, 0.06, h10km, mb3.9/14, MS3.1/2, Error ellipse: s-maj=7.9km s-min=4.7km az=147.9

BUI 09 01:14:44.8, 38.55N, 104.00E, h8km, ML3.9/17, MS3.6/4, Ms7.3/5/4

IDC 09 01:14:47.5-5.6, 38.50N, 103.98E, h30km, 41km, mb3.7/16, mb1.3/8/19, mb1mx3.6/5.1, mbtmp3.8/19, ML3.5/3, MS3.1/4, Ms1.3/2/4, ms1mx2.6/38, Error ellipse: s-maj=20.3km s-min=14.5km az=48.0

ISC 09 01:14:44.7-0.6, 38.50N, 106.00E, 0.06, h10km, n33, c0975/35, mb3.9/14, 6C-1D, Western Nei Mongol

Main station list for ISCJB, BUI, IDC, and ISC, including Lanzhou, Gaotai, etc.

ISCJB 09 01:14:46.7-0.6, 37.49N, 103.38E, 0.03, h5km, 5km, Error ellipse: s-maj=4.8km s-min=3.8km az=15.4

ISK 09 01:14:46.7, 37.53N, 38.69E, h6km, MD2.8

NSSC 09 01:14:46.0-1.2, 37.20N, 39.22E, h25km, 999km, MD1.8, ML1.9

CSEM 09 01:14:47.0-2.0, 37.51N, 38.69E, h5km, MD2.8, Error ellipse: s-maj=4.8km s-min=4.5km az=154.0

DDA 09 01:14:48.2, 37.52N, 38.54E, h7km, Md2.9

ISC 09 01:14:46.7-0.9, 37.48N, 102.38E, 0.02, h11km, 6km, n48, c0937/77, Turkey

358

Main station list for 358, including URFA, MALT, GZT, AKCD, etc.

NEIC 09 01:15:49.7, 51.39N, 130.85W, h10km, MW4.0(OTT), After OTT

PGC 09 01:15:49.7, 51.39N, 130.85W, h10km, ML3.7/23, MW4.0, 206km Wsw of Bella Bella, Bc Haida Gwaii Region

IDC 09 01:15:50.9, 51.31N, 130.53W, h0km, mb3.4/2, mb1.3/8.5, mb1mx3.4/43, mbtmp3.5/5, ML3.6/3, MS3.0/4, Ms1.3/1/4, ms1mx2.9/14, Error ellipse: s-maj=43.5km s-min=24.2km az=41.0

ISC 09 01:15:49.2, 51.41N, 130.72W, 0.04, h2km, 12km, n59, c2017/5, Queen Charlotte Islands region

Main station list for NEIC, PGC, IDC, and ISC, including Barry Inlet, Bella Bella, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, DPC Dobruska-Polom, etc.

ICD 09 02:32:45.70.0.9, 15.035x179.51W, h0km, mb3.7/6, mb1 4.1/6, mb1mx3.8/36, mbtmp3.7/6, MS3.3/4, Ms1 3.3/4, ms1mx2.9/32, Error ellipse: s-maj=42.2km s-min=22.2km az=139.0

ISC/JB 09 02:32:49.4.0.9, 15.05:0.2x179.6W:0.2, h33km, mb3.6/6, MS3.3/2, Error ellipse: s-maj=33.9km s-min=19.7km az=44.0

ISC 09 02:32:50.9.0.9, 15.15:0.2x179.5W:0.2, h35km, n10, r15047, mb3.7/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewha, etc.

PDG 09 02:38:56.6.0.2, 43.03N:18.66E, h9km, 2km, MD2.7/4, ML2.6/13, Error ellipse: s-maj=0.3km s-min=0.7km az=0.0

CSEM 09 02:38:57.1.0.2, 42.99N:18.75E, h2km, ML2.6, Error ellipse: s-maj=3.8km s-min=2.4km az=107.0

BEO 09 02:38:58.3.0.5, 43.00N:18.78E, h10km, 3km, ML2.5/1, ISC 09 02:38:57.5.1.0, 43.00N:0.2x18.74E:0.2, h6km, 8km, n68, r092101, 23C-18D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRY Bratogost, BRY Bratogost, UPM Unac-Piva, etc.

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

ICD 09 02:43:07.8.1.8, 4.85S:133.66E, h0km, mb3.9/2, mb1 4.3/6, mb1mx3.9/42, mbtmp4.2/6, ML4.3/4, MS3.2/5, Yonicega Creek, Error ellipse: s-maj=66.1km s-min=26.0km az=70.0

ISC/JB 09 02:43:13.2.1.2, 5.15S:0.1x133.8E:0.1, h32km, mb3.7/2, MS3.1/3, Error ellipse: s-maj=17.2km s-min=11.5km az=136.2

AUST 09 02:43:22.4.5.95S:134.05E, h15km, ISC 09 02:43:15.0.1.5, 5.35S:0.1x133.9E:0.1, h32km, n20, r172/15, MS3.1/3, Aor Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDU Kakadu, MTN Manton Dam, SANI Sanar, etc.

PDG 09 02:53:36.9.0.5, 40.77N:0.02x33.57E:0.05, h7km, 4km, Error ellipse: s-maj=6.0km s-min=3.6km az=21.2

ISC 09 02:53:36.1.0.4, 78N:33.56E, h5km, MD3.0, DDA 09 02:53:36.9.0.1, 40.73N:33.64E, h7km, MD2.8

CSEM 09 02:53:36.9.0.1, 40.77N:33.55E, h8km, MD3.0, Error ellipse: s-maj=3.9km s-min=2.9km az=111.0

ISC 09 02:53:37.0.1.0, 40.77N:0.02x33.55E:0.03, h10km, 8km, n39, r069/54, Turkey

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

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

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

ICD 09 02:55:47.4.1.1, 56.35S:25.32W, h0km, mb4.0/3, mb1 4.0/4, mb1mx3.4/29, mbtmp3.9/4, ML3.1/1, Error ellipse: s-maj=45.7km s-min=25.8km az=76.0, South Sandwich Islands region

ISC 09 02:55:15.7.1.1, 42.56N:0.08x43.49E:0.04, h12km, 8km, n28, r0960/50, ID, Western Caucasus

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

ICD 09 02:56:25.1.1.1, 56.27S:25.20W, h0km, mb4.2/4, mb1 4.1/5, mb1mx3.6/30, mbtmp4.1/5, ML3.0/1, Error ellipse: s-maj=38.2km s-min=26.1km az=87.0

ISC/JB 09 02:56:29.3.1.1, 56.35S:0.1x25.3W:0.3, h40km, mb4.0/3, Error ellipse: s-maj=28.3km s-min=19.1km az=162.8

ISC 09 02:56:30.9.0.1, 56.45S:0.2x25.4W:0.3, h40km, n7, r065/6, mb4.2/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAA Snaae, PMSA Palmer Station, GSPA South Pole Qui, etc.

ICD 09 02:57:27.3.0.5, 56.33S:25.38W, h0km, mb4.6/13, mb1 4.6/14, mb1mx3.4/28, mbtmp4.5/14, ML3.6/1, MS3.4/4, Ms1 3.5/4, ms1mx3.2/20, Error ellipse: s-maj=17.9km s-min=15.1km az=58.0

ISC/JB 09 02:57:29.0.4.0, 56.38S:0.06x25.5W:0.1, h29km, mb4.6/19, MS3.4/3, Error ellipse: s-maj=10.0km s-min=7.8km az=140.5

NEIC 09 02:57:30.6.2.5, 56.38S:25.41W, h22km, 17km, mb4.6/8, Error ellipse: s-maj=9.1km s-min=6.0km az=217.0

AWI 09 02:57:48.2.58.57S:28.38W, ISC 09 02:57:31.5.0.4, 56.40S:0.09x25.59W:0.08, h29km, n60, r083/54, mb4.5/19, MS3.5/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Error ellipse: s-maj=5.4km s-min=3.9km az=61.0
DJA 09:04:04.06.3.0.2.7.S.3.12.5E. h543km.4km. M5.0/42,
m5.3/42.mB5.5/38.MLV5.7/18.Mv(m)B4.9/38
ISCJB 09:04:04.06.2.0.2.7.19S.0.02.125.09E.0.02.h544km.2km,
m4.8/109. Error ellipse: s-maj=3.8km s-min=2.9km
az=161.0

ISC 09:04:04.06.3.0.3.7.20S.0.03.125.14E.0.04.h534km.3km,
h719.0.1910/787.mB4.9/108.16C-13D.Banda Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists various stations like SOEI, BBSI, MMRI, BATI, etc.

Table with columns: Station Name, Az, El, Phase ID, Time, Res, ISC. Lists stations like BTM, KKM, KKM, SBUM, JAY, KDM, TBP, etc.

Table with columns: Station Name, Az, El, Phase ID, Time, Res, ISC. Lists stations like YHNB, ARPS, ARMA, ARMA, JOW, YNG, etc.

MJAR	Matsushiro Arr	45.20 15 P	P	04 11 35.0 -0.6
MJAR	comp-Z,56nm,0.7s,baz=191,slow=8.7,SNR=92		PcP	
MJAR	comp-Z,8.0nm,0.9s,baz=187,slow=4.5,SNR=4.5		ScP	04 13 05.0 +0.5
MJAR	comp-Z,5.5nm,0.7s,baz=187,slow=4.5,SNR=7.6		ScP	04 13 06.2 -0.1
MAJO	Matsushiro	45.20 15 P	P	04 11 35.1 -0.5
MAJO	comp-Z,66nm,0.8s		pmax	
MAJO	Matsushiro	45.20 15 eP	P	04 11 35.1 -0.5
MAJO	comp-Z,66nm,0.8s		pmax	
MAT	Matsushiro	45.20 15 P	P	04 11 35.2 -0.4
SEHB	SEOHWA	45.33 3 P	P	04 11 38.5 +1.9
LZH	Lanzhou	47.48 336 ↑P	P	04 11 53.9 +0.8
LZH		04 13 14.2 +1.3	PcP	
LZH		04 13 34.3 +1.9	pP	
LZH		04 13 54.7 +3.2	PP	
LZH		04 16 16.0 +0.1	ScP	
LZH		04 18 07.4 -1.2	S	
LZH		04 21 07.5 -0.6	sS	
LZH		04 21 46.1 +0.3	SS	
LZH	comp-Z,140nm,1.3s		PMZ	
LZH	comp-Z,430nm,5.2s		PMZ	
BJT	Baijiatau	47.71 351 eP	P	04 11 54.3 -0.2
BJT	comp-Z,101nm,1.1s		pmax	
BJT	Baijiatau	47.71 351 eP	P	04 11 54.3 -0.2
BJT	comp-Z,101nm,1.1s		pmax	
BJI	Beijing	47.73 351 P	P	04 11 54.0 -0.6
BSJ			PMZ	
LJA	Lhasa	49.13 320 P	P	04 12 06.8 +1.0
LJA	comp-Z,61nm,1.1s		PMZ	
LJA	Lhasa	49.13 320 eP	P	04 12 06.5 +0.7
LJA	comp-Z,74nm,0.6s		pmax	
LJA	Lhasa	49.13 320 eP	P	04 12 06.5 +0.7
LJA	comp-Z,69nm,0.6s		pmax	
LJA	Lhasa	49.13 320 eP	P	04 12 07.3 0.0
LJA	comp-Z,69nm,0.6s		pmax	
HHC	Hu-ho-hao-te	49.42 346 eP	P	04 12 07.3 0.0
HHC			pP	04 13 48.0 +0.3
HHC			S	04 18 34.9 +0.1
HHC			PMZ	
HHC	comp-Z,33nm,1.0s		PMZ	
HHC	comp-Z,150nm,4.6s		PMZ	
MSHR	Mys Shuitsa	49.84 6 eP	P	04 12 10.2 -0.1
ODAN	Odare	49.84 314 i/P	P	04 12 11.3 +0.4
ODAN	comp-Z,82nm,0.5s		pmax	
TAPN	Taplejung	49.82 315 i/P	P	04 12 11.8 +0.3
TAPN	comp-Z,58nm,0.4s		pmax	
RAMN	Ramite	50.46 314 i/P	P	04 12 16.1 +0.7
RAMN	comp-Z,167nm,0.6s		pmax	
CN2	Changchun	50.76 0 i/P	P	04 12 19.9 +2.9
CN2			eSP	04 14 59.0 +2.3
CN2			eS	04 18 56.0 +3.3
CN2			PMZ	
CN2	comp-Z,20nm,0.8s		PMZ	
CN2	comp-Z,300nm,4.0s		PMZ	
USRK	Ussuriysk Ar.	51.53 6 P	P	04 12 22.9 +0.3
USRK	comp-Z,60nm,0.6s,baz=189,slow=6.9,SNR=167		ScP	
USRK	comp-Z,3.5nm,0.7s,baz=217,slow=4.8,SNR=4.9		ScP	04 16 33.1 +0.1
GURK	Gumba	51.53 314 i/P	P	04 12 23.7 +0.3
GURK	comp-Z,94nm,0.5s		pmax	
PKI	Pulchoki	51.68 314 i/P	P	04 12 24.4 0.0
PKI	comp-Z,69nm,0.5s		pmax	
PKIN	Phulchoki	51.69 314 i/P	P	04 12 24.6 +0.2
PKIN	comp-Z,22nm,0.4s		pmax	
MDJ	Mudanjiang	51.73 4 P	P	04 12 24.9 +0.9
MDJ			sP	04 15 02.1 -2.0
MDJ			S	04 19 10.1 +4.4
MDJ			ScS	04 21 18.0 +0.6
MDJ	comp-Z,200nm,0.9s		PMZ	
MDJ	Mudanjiang	51.73 4 eP	P	04 12 24.5 +0.6
MDJ	comp-Z,180nm,3.9s		pmax	
KKN	Kakani	51.90 314 i/P	P	04 12 26.0 +0.2
KKN	comp-Z,35nm,0.5s		pmax	
DMN	Daman	51.92 314 i/P	P	04 12 26.3 +0.3
DMN	comp-Z,45nm,0.6s		pmax	
GTA	Gaotai	51.97 335 i/P	P	04 12 26.6 +0.6
GTA			PcP	04 13 30.7 +1.3
GTA			pP	04 14 10.9 +3.0
GTA			sP	04 15 08.3 +2.1
GTA			ScP	04 16 35.9 +0.6
GTA			S	04 19 10.5 +1.1
GTA			ScS	04 21 18.2 -1.4
GTA			sS	04 22 14.4 +1.6
GTA			SS	04 22 59.1 +2.7
GTA	comp-Z,55nm,1.1s		PMZ	
GTA	comp-Z,200nm,5.2s		PMZ	
DGAR	Diego Garcia	52.24 266c i/P	P	04 12 28.2 0.0
DGAR	comp-Z,163nm,0.8s		pmax	
DGAR	Diego Garcia	52.24 266 eP	P	04 12 27.8 -0.4
DGAR	comp-Z,163nm,0.8s		pmax	
GKN	Gorkha	52.49 314 i/P	P	04 12 30.3 +0.3
GKN	comp-Z,78nm,0.4s		pmax	
KOLN	Koldanda	53.10 313 i/P	P	04 12 34.8 +0.4
KOLN	comp-Z,40nm,0.4s		pmax	
DANN	Dangsing	53.32 313 i/P	P	04 12 36.3 +0.2
DANN	comp-Z,40nm,0.4s		pmax	
ASAJ	Asahikawa	53.46 16 eP	P	04 12 37.2 +0.9
ASAJ	comp-Z,69nm,0.7s		pmax	
RPZ	Rata Peaks	54.10 140 eP	P	04 12 42.1 +1.0
RPZ	comp-Z,66nm,0.7s		pmax	
THZ	Tophouse	54.44 137 eP	P	04 12 44.2 +0.8
THZ	comp-Z,94nm,1.5s		pmax	
BKZ	Black Stump Fm	55.94 133 eP	P	04 12 54.8 +0.8
BKZ	comp-Z,365nm,2.5s		pmax	
URZ	Urewera	56.08 132 eP	P	04 12 55.1 +0.2
URZ	comp-Z,23nm,0.4s		pmax	
HABR	Khabarovsk	56.12 8 eP	P	04 12 53.7 -1.1
HABR			e	04 13 43.6
HABR			ePP	04 14 38.1 -0.9
HABR			e	04 15 06.5
HABR			eSP	04 15 36.6 -0.1
HABR			eS	04 20 01.4 -1.7
HABR			eSS	04 23 59.4 -1.5
HABR			pmax	
HABR	comp-E,11nm,0.8s		pmax	
HABR	comp-N,17nm,0.8s		pmax	
HABR	comp-Z,69nm,0.8s		pmax	
YSS	Yuzh-Sakhalins	56.14 14 i/P	P	04 12 55.0 0.0
YSS	comp-Z,80nm,0.8s		pmax	
YSS	Yuzh-Sakhalins	56.14 14 eP	P	04 12 55.3 +0.3
YSS	comp-Z,80nm,0.7s		pmax	
HIA	Hailar	56.42 356 eP	P	04 12 57.3 +0.3
HIA	comp-Z,104nm,1.4s		pmax	
HIA	Hailar	56.42 356 eP	P	04 12 57.3 +0.3
HIA	comp-Z,104nm,1.4s		pmax	
KLR	Kul'dur	56.49 5 i/P	P	04 12 57.7 +0.3
ULN	Ulaanbaatar	57.11 346d eP	P	04 13 02.5 +0.6
ULN	comp-Z,38nm,1.0s		pmax	
ULN	Ulaanbaatar	57.11 346 eP	P	04 13 02.3 +0.3
ULN	comp-Z,57nm,1.1s		pmax	
ULN			ePcP	04 13 49.4 +0.2
ULN			P	04 13 03.1 +0.3
SONM	Songino Array	57.24 345 P	P	04 16 58.4 +0.1
SONM	comp-Z,23nm,0.7s,baz=164,slow=8.5,SNR=72		ScP	
SONM	comp-Z,1.6nm,0.6s,baz=164,slow=8.5,SNR=3		ScP	04 13 03.4 +0.5
SONA1	Songino Array	57.25 345 eP	P	04 13 03.4 +0.5
SONA1	comp-Z,2.0nm,0.7s,baz=164,slow=8.5,SNR=3		ScP	04 13 23.2 +3.6
TYV	Tymovskoe	59.78 13 eP	P	04 13 23.2 +3.6
TYV	comp-Z,35nm,0.8s		pmax	
ZAK	Zakamensk	60.40 344 eP	P	04 13 23.8 -0.1
ZAK	comp-Z,10.0nm,1.2s		pmax	
ZAK			pmax	
ZAK	comp-Z,7.0nm,1.1s		pmax	
WMQ	Urumqi	61.03 330 i/P	P	04 13 28.8 +0.6

WMQ			PcP	04 14 03.9 -1.1
WMQ			pP	04 15 16.6 +1.8
WMQ			S	04 21 05.0 -0.8
WMQ			sS	04 24 18.2 +1.6
WMQ	comp-Z,34nm,1.0s		PMZ	
WMQ	comp-Z,180nm,4.2s		PMZ	
TLY	Talaya	61.49 345 eP	P	04 13 32.3 +1.4
TLY	comp-Z,26nm,1.4s		pmax	
TLY	Talaya	61.49 345 P	P	04 13 32.6 +1.7
TLY	comp-Z,2117nm,0.5s,SNR=5.1		P	
TLY	Talaya	61.49 345 eP	P	04 13 31.5 +0.6
TLY	comp-Z,8.4nm,0.5s		pmax	
NKL	Nikolayevsk	61.55 11 i/P	P	04 13 32.2 +1.0
NKL	comp-Z,290nm,0.8s		pmax	
NKL	comp-N,40nm,0.9s		pmax	
MOY	Mondy	62.19 343 eP	P	04 13 36.6 +0.9
MOY	comp-Z,48nm,1.4s		pmax	
CLNS	Chul'man	63.81 360 i/P	P	04 13 46.8 +0.9
CLNS	comp-Z,25nm,0.9s		pmax	
CLNS	comp-E,10.0nm,0.9s		pmax	
CLNS	comp-N,15nm,0.9s		pmax	
HVS	Khovu-Aksy	64.11 339d i/P	P	04 13 48.6 +0.7
HVS	comp-Z,52nm,0.9s		pmax	
KSH	Kashi	64.98 320 P	P	04 13 54.1 +0.3
KSH			eP	04 15 43.1 +0.8
KSH			ePP	04 16 27.0 +1.0
KSH			eS	04 16 40.2 +1.5
KSH			ePcS	04 18 23.9
KSH			eSS	04 21 46.7 -7.4
KSH			PMZ	04 26 21.1 +1.5
KSH	comp-Z,42nm,0.7s		PMZ	
KSH	comp-Z,220nm,4.2s		PMZ	
PDGK	Podgornoye	65.11 325 i/P	P	04 13 54.0 -0.3
PDGK	comp-Z,16nm,0.8s		pmax	
BOD	Bodaibo	65.43 353 i/P	P	04 13 56.3 +0.3
BOD	comp-Z,54nm,1.0s		pmax	
BOD	Makanchi Array	65.82 329 eP	P	04 13 58.2 -0.5
BOD	comp-Z,39nm,0.6s,baz=128,slow=7.7,SNR=348		pmax	
BOD	Makanchi Array	65.84 329 eP	P	04 13 59.1 +0.3
BOD	comp-Z,51nm,0.5s,baz=204,slow=5.0,SNR=58		pmax	
BOD	Makanchi Array	65.84 329 eP	P	04 13 59.4 +0.5
BOD	MAK2	66.01 329 eP	P	04 14 00.2 +0.3
BOD	comp-Z,20nm,0.7s		pmax	
PEAO	Petropavlovsk-	66.11 21 eP	P	04 14 01.5 +1.1
PETK	Petropavlovsk-	66.11 21 P	P	04 14 01.6 +1.1
MRIV	Mauritius Mete	66.60 251 eP	P	04 14 04.4 +0.3
SFK	Sufi-Kurgan	66.85 319 i/P	P	04 14 06.0 +0.5
SFK	comp-Z,7.0nm,0.5s		pmax	
KZA	Kyzart	66.87 322 P	P	04 14 07.0 +1.1
KZA	SNR=9.9		P	
TKM2	Tokmak 2	67.14 323 eP	P	04 14 07.5 +0.2
TKM2	comp-Z,9.0nm,0.6s		pmax	
TKM2	Tokmak 2	67.14 323 P	P	04 14 07.8 +0.6
TKM2	SNR=8.2		P	
TKM2	Tokmak 2	67.14 323 eP	P	04 14 07.5 +0.2
TKM2	comp-Z,9.1nm,0.6s		pmax	
KBL	Kabul	67.26 312 eP	P	04 14 08.3 +0.1
KBL	comp-Z,14nm,0.8s		pmax	
KBL	Kabul	67.26 312 eP	P	04 14 08.2 0.0
KBL	SNR=3.2		P	
KBL	Kabul	67.26 312 eP	P	04 14 08.3 +0.1
KBL	comp-Z,14nm,0.8s		pmax	
KBK	Karagaybulak	67.39 322 P	P	04 14 09.6 +0.9
KBK	SNR=7		P	
AAK	Ala-Archa	67.65 322d i/P	P	04 14 10.9 +0.6
AAK	comp-Z,38nm,0.7s		pmax	
AAK	Ala-Archa	67.65 322 P	P	04 14 11.0 +0.6
AAK	comp-Z,163nm,0.5s,SNR=12		pmax	
AAK	Ala-Archa	67.65 322 P	P	04 14 11.3 +1.0
AAK	SNR=14		P	
AAK	Ala-Archa	67.65 322 eP	P	04 14 10.9 +0.6
AAK	comp-Z,17nm,0.8s		pmax	
AAL</				

9d 4h

I05D	Terrebonne, OR	111.76	45	PKIKP	PKIKP	04 21 41.1 +0.5
J05D	Fort Rock, OR	112.05	46	PKIKP	PKIKP	04 21 41.9 +0.6
PKM	Peak Mountain	114.59	55	PKIKP	PKIKP	04 21 47.0 +0.4
NVAR	Minna Array Bea	115.18	51	PKP	PKPpdf	04 21 48.8 +1.2
NPVR	comp=Z,1.5nm,0.7s,baz=256,slow=2.3,SNR=12					
ISV	comp=Z,1.8nm,0.8s,baz=268,slow=6.9,SNR=6.7					
ISA	Isabella	115.55	54	PKIKP	PKIKP	04 21 49.1 +0.8
CIS	Catalina Islan	115.97	56	PKIKP	PKIKP	04 21 49.9 +0.8
EDW2	Edwards Air Fo	116.07	55	PKIKP	PKIKP	04 21 50.2 +0.9
MSO	Missoula	116.14	41	PKIKP	PKIKP	04 21 49.3 +0.2
GRAC	Grapevine Rang	116.58	52	PKIKP	PKIKP	04 21 50.4 +1.0
LRMC	Laurel Mountai	116.21	54	PKIKP	PKIKP	04 21 50.3 +0.7
MPMC	Manual Prospec	116.26	53	PKIKP	PKIKP	04 21 50.9 +1.2
HLID	Hailey	116.80	45	PKIKP	PKIKP	04 21 52.1 +1.5
MURC	Murietta	116.93	56	PKIKP	PKIKP	04 21 51.7 +0.8
GSC	Goldstone	116.95	54	PKIKP	PKIKP	04 21 52.3 +1.3
EKA	Eskdalemair Ar	116.97	330	PKP	PKPpdf	04 21 49.8 -0.4
TPNV	comp=Z,0.5nm,0.5s,baz=38,slow=3.6,SNR=5.2					
TPNV	Topopah Spring	117.07	52	PKIKP	PKIKP	04 21 52.5 +1.2
SHOC	Shoshone	117.26	53	PKIKP	PKIKP	04 21 52.6 +1.1
R11A	Troy Canyon, C	117.28	51	PKIKP	PKIKP	04 21 52.6 +0.9
PFO	Pinyon Flat Ob	117.54	56	PKIKP	PKIKP	04 21 53.1 +0.9
TUO	Turquoise Moun	117.63	54	PKIKP	PKIKP	04 21 53.3 +0.9
MONP	Monument Peak	117.70	57	PKIKP	PKIKP	04 21 53.7 +1.0
BELC	Belle Mtn. Jos	117.85	55	PKIKP	PKIKP	04 21 54.0 +1.1
GMRC	Granite Mounta	117.97	54	PKIKP	PKIKP	04 21 54.3 +1.3
BC3	Big Chuckwall	118.36	56	PKIKP	PKIKP	04 21 54.8 +1.0
EGMT	Eagleton	118.38	39	PKIKP	PKIKP	04 21 53.7 +0.4
IRM	Iron Mountain	118.51	55	PKIKP	PKIKP	04 21 55.0 +1.0
DUG	Dugway	118.90	48	PKIKP	PKIKP	04 21 55.3 +0.6
REDW	Red Top Meadow	119.33	44	ePKPpdf	PKPpdf	04 21 56.0 +0.5
HWUT	Hardware Ranch	119.39	46	ePKPpdf	PKPpdf	04 21 56.1 +0.5
PDAR	Pinedale Array	120.42	44	PKP	PKPpdf	04 21 57.6 0.0
comp=Z,2.0nm,0.7s,baz=221,slow=0.7,SNR=18						
PKKbPbc						
PKKbPbc						
comp=Z,1.6nm,0.5s,baz=120,slow=3.6,SNR=14						
214A	Organ Pipe Nat	120.87	57	PKIKP	PKIKP	04 21 59.0 +0.3
SRU	San Rafael	120.90	48	ePKIKP	PKPpdf	04 21 58.9 +0.3
SRU	San Rafael	120.90	48	ePKIKP	PKPpdf	04 21 58.9 +0.3
LAO	LASA Array	121.11	39	PKIKP	PKIKP	04 21 59.3 +0.6
WUAZ	Wupatki	121.23	53	PKIKP	PKIKP	04 22 00.3 +0.8
WUAZ	Wupatki	121.23	53	ePKPpdf	PKIKP	04 22 00.3 +0.8
A25A	Swampy Ranch	121.95	35	PKIKP	PKIKP	04 22 00.8 +0.5
B25A	Knox Farm, Ray	122.25	36	PKIKP	PKIKP	04 22 01.6 +0.7
Q20A	White River Ci	122.25	47	PKIKP	PKIKP	04 22 02.2 +0.8
Q20A	White River Ci	122.25	47	ePKPpdf	PKPpdf	04 22 01.8 +0.7
K22A	Casper	122.55	43	PKIKP	PKIKP	04 22 01.8 0.0
A26A	Wade Farm, Ken	122.59	35	PKIKP	PKIKP	04 22 01.8 +0.3
PV01	Paradox Valley	122.66	49	ePKPpdf	PKPpdf	04 22 02.9 +0.9
D25A	Fairfield	122.69	37	PKIKP	PKIKP	04 22 02.3 +0.5
E25A	Miller Ranch,	122.94	38	PKIKP	PKIKP	04 22 02.8 +0.4
MVCO	Mesa Verde	123.00	50	PKIKP	PKIKP	04 22 03.8 +0.8
MVCO	Mesa Verde	123.00	50	ePKPpdf	PKPpdf	04 22 01.9 -0.8
F25A	Bowman	123.17	39	PKIKP	PKIKP	04 22 03.2 +0.4
D26A	Manning	123.27	37	PKIKP	PKIKP	04 22 03.3 +0.3
E26A	Carlson Angus	123.53	38	PKIKP	PKIKP	04 22 04.0 +0.5
G25A	Newell	123.53	39	PKIKP	PKIKP	04 22 03.7 +0.1
N23A	Red Feather La	123.62	45	PKIKP	PKIKP	04 22 04.3 +0.1
H25A	Fruite Lake	123.67	40	PKIKP	PKIKP	04 22 04.1 +0.2
B28A	Dugan Ranch, T	123.77	35	PKIKP	PKIKP	04 22 04.4 +0.5
I25A	Rochford	123.85	41	PKIKP	PKPpdf	04 22 03.9 -0.2
J25A	Sunshine Ranch	124.07	42	PKIKP	PKIKP	04 22 04.7 -0.1
F22A	Leurton	124.08	38	PKIKP	PKPpdf	04 22 04.4 +0.2
S27A	AW Ranch, Cre	124.08	49	PKIKP	PKIKP	04 22 06.6 +1.4
E27A	Carson	124.09	37	PKIKP	PKIKP	04 22 04.7 +0.1
TORD	Tordi Ar. Bea	124.12	281	PKP	PKPpdf	04 22 05.2 +0.1
comp=Z,2.2nm,0.6s,baz=77,slow=1.2,SNR=25						
TORD	comp=Z,1.0nm,0.6s,baz=77,slow=2.1,SNR=4.0					
2C8A	Hausauer Farms	124.10	36	PKIKP	PKIKP	04 21 52.8 +0.1
A29A	Manning Farm,	124.15	34	PKIKP	PKPpdf	04 22 04.4 +0.1
H26A	Fairpoint	124.20	40	PKIKP	PKIKP	04 22 05.1 +0.2
ESDC	Sonsec Array	124.21	314	PKP	PKPpdf	04 22 04.7 -0.1
comp=Z,0.6nm,0.6s,baz=26,slow=1.7,SNR=4.4						
ISCO	Idaho Springs	124.26	46	PKIKP	PKIKP	04 22 05.5 0.0
B29A	Wagenman Farm,	124.33	34	PKIKP	PKIKP	04 22 05.5 +0.6
G27A	Dupree	124.37	39	PKIKP	PKIKP	04 22 05.4 +0.2
I26A	New Underwood	124.41	41	PKIKP	PKIKP	04 22 05.5 +0.1
J26A	Sides Ranch, S	124.58	41	PKIKP	PKIKP	04 22 05.7 -0.1
H27A	Hoves	124.63	40	PKIKP	PKIKP	04 22 05.9 +0.1
A30A	Hoffart Farm,	124.65	33	PKIKP	PKIKP	04 22 05.8 +0.2
F28A	McLaughlin	124.84	38	PKIKP	PKIKP	04 22 06.3 +0.2
121A	Cookes Park, D	124.88	55	PKIKP	PKIKP	04 22 07.5 +0.7
B30A	Myrivik Farm, E	124.91	34	PKIKP	PKIKP	04 22 06.0 -0.1
I27A	Quinn	124.91	40	PKIKP	PKIKP	04 22 06.7 +0.3
SDCO	Great Sand Dun	125.08	49	PKIKP	PKIKP	04 22 07.4 +0.3
G28A	Parade	125.15	39	PKIKP	PKIKP	04 22 06.9 +0.1
ULM	Lac du Bonnet	125.17	31	PKP	PKPpdf	04 22 05.9 -0.2
comp=Z,2.5nm,0.6s,baz=31,slow=0.8,SNR=13						
C30A	Mose, Pekin	125.24	35	PKIKP	PKPpdf	04 22 06.5 +0.1
ANMO	Albuquerque	125.26	52c	PKIKP	PKPpdf	04 22 06.2 -0.9
ANMO	comp=Z,8.0nm,1.2s					
H32A	Mission Ridge	125.28	39	PKIKP	PKIKP	04 22 07.0 0.0
B31A	Greenbush Farm	125.30	34	PKIKP	PKIKP	04 22 07.0 +0.1
J27A	Elkhorn Farm,	125.31	41	PKIKP	PKIKP	04 22 08.0 +0.8
D30A	Buchanan	125.40	36	PKIKP	PKIKP	04 22 07.2 0.0

2010 DEC

I28A	Midland	125.50	40	PKIKP	PKIKP	04 22 07.4 -0.1
C31A	Landman Farms,	125.61	34	PKIKP	PKPpdf	04 22 07.2 +0.1
E30A	Jud	125.63	36	PKIKP	PKIKP	04 22 07.5 -0.1
A32A	Rocking H Ranc	125.64	33	PKIKP	PKPpdf	04 22 07.0 -0.1
J28A	Allard Ranch,	125.73	41	PKIKP	PKIKP	04 22 08.1 +0.1
H29A	Onida	125.80	39	PKIKP	PKIKP	04 22 08.0 -0.1
F30A	Leo	125.91	37	PKIKP	PKIKP	04 22 09.0 +0.7
B32A	Ashes, Strandq	125.92	33	PKIKP	PKPpdf	04 22 07.6 0.0
K28A	Ten Mile Ranch	125.97	41	PKIKP	PKIKP	04 22 08.4 -0.1
D31A	McClaffin, Tow	126.03	35	PKIKP	PKIKP	04 22 08.5 +0.1
I29A	Vivian Onida	126.04	39	PKIKP	PKIKP	04 22 08.4 -0.1
T25A	Trinidad	126.10	49	PKIKP	PKIKP	04 22 09.4 +0.2
E31A	Nome	126.20	164	PKP	PKIKP	04 22 08.7 -0.1
G30A	Faulton	126.21	38	PKIKP	PKIKP	04 22 08.7 -0.1
A33A	Warroad	126.22	32	PKIKP	PKPpdf	04 22 08.3 +0.1
J29A	Shroek	126.33	40	PKIKP	PKPpdf	04 22 08.7 +0.1
F31A	Hecla	126.36	37	PKIKP	PKIKP	04 22 08.9 -0.2
K29A	Lazy Trails An	126.64	41	PKIKP	PKIKP	04 22 09.7 -0.1
N28A	Pribbeno Ranch	126.76	44	PKIKP	PKPpdf	04 22 09.8 +0.2
B34A	Aery, Baudette	126.88	32	PKIKP	PKPpdf	04 22 09.4 0.0
J30A	Dallas	126.89	40	PKIKP	PKPpdf	04 22 08.6 -1.1
MDT	Midett	126.98	306	PKP	PKPpdf	04 22 11.1 +0.8
comp=Z,0.9nm,0.8s,baz=299,slow=1.1,SNR=4.9						
D33A	AnnSam, Waubun	127.03	34	PKIKP	PKIKP	04 22 10.4 0.0
MXNT	Cornudas Mount	127.07	56	PKIKP	PKIKP	04 22 11.5 +0.6
MXNT	Cornudas Mount	127.07	56	ePKPpdf	PKPpdf	04 22 11.3 +0.9
P28A	Saint Francis	127.08	45	PKIKP	PKPpdf	04 22 10.4 +0.1
G32A	Webster	127.13	37	PKIKP	PKIKP	04 22 10.7 0.0
A30A	Basset	127.13	41	PKIKP	PKIKP	04 22 10.9 +0.1
I31A	Royce, Wessing	127.14	39	PKIKP	PKIKP	04 22 10.8 0.0
Q28A	Wells Springs	127.24	46	PKIKP	PKIKP	04 22 11.5 +0.3
C34A	RKJ Ranch, Bem	127.24	33	PKIKP	PKIKP	04 22 10.5 -0.3
E33A	Westby DABS, E	127.31	35	PKIKP	PKIKP	04 22 10.9 -0.1
L30A	Spencer Herefo	127.41	41	PKIKP	PKPpdf	04 22 10.6 -0.2
D34A	Park Rapids	127.42	34	PKIKP	PKPpdf	04 22 10.6 0.0
B35A	Bob, Littlefor	127.44	32	PKIKP	PKPpdf	04 22 10.6 +0.1
O29A	4D Ranch, Culb	127.51	44	PKIKP	PKPpdf	04 22 11.0 -0.1
F33A	1 Mile Ranch,	127.52	36	PKIKP	PKIKP	04 22 11.3 -0.1
R28A	Tribune	127.55	46	PKIKP	PKIKP	04 22 11.8 0.0
H32A	Carroll Farm,	127.57	38	PKIKP	PKIKP	04 22 11.3 -0.3
C35A	Jirik Farms, M	127.72	33	PKIKP	PKPpdf	04 22 11.0 -0.1
E34A	Wadena	127.77	34	PKIKP	PKIKP	04 22 11.7 -0.2
S28A	Manter	127.79	47	PKIKP	PKPpdf	04 22 11.9 +0.2
G33A	Ortonville	127.79	36	PKIKP	PKIKP	04 22 11.8 -0.1
I32A	Karley and Nic	127.81	38	PKIKP	PKIKP	04 22 12.0 -0.1
L31A	Butterfield Fa	127.88	41	PKIKP	PKPpdf	04 22 11.9 +0.3
H33A	Prehn Over Nor	127.89	37	PKIKP	PKIKP	04 22 12.2 -0.1
Q29A	Oakley	127.92	45	PKIKP	PKPpdf	04 22 12.1 +0.3
O30A	AW Ranch, Wils	128.00	44	PKIKP	PKPpdf	04 22 12.1 +0.2
D35A	Remer	128.05	33	PKIKP	PKPpdf	04 22 11.7 -0.1
P30A	Selden	128.15	44	PKIKP	PKIKP	04 22 13.1 +0.1
E35A	Pequot Lakes	128.17	34	PKIKP	PKPpdf	04 22 12.3 +0.3
M31A	Lambrecht Ranc	128.19	42	PKIKP	PKPpdf	04 22 12.4 +0.1
K32A	Verdigre	128.19	40	PKIKP	PKPpdf	04 22 1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KRHZ Kereru, KAHZ Kahuranaki, PXZ Pawanui, etc.

IDC 09 06:11:28.4:1.4, 14:65S:166:64E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.7/27, mbtm3.7/5, ML3.7/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/26, Error ellipse: s-maj=49.1km s-min=28.9km az=128.0

ISCJBJ 09 06:11:31.3:1.3, 14:95S:0:08:166:7E:0.2, h36km, mb3.6/4, Error ellipse: s-maj=32.3km s-min=11.7km az=175.2

ISC 09 06:11:33.3:1.2, 14:9S:0:1x166:7E:0.3, h36km, n7, az=150/7, mb3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DZM Mont Dzumac, DZM baz=360, slow=19, SNR=2.3, etc.

ISK 09 06:29:53.2, 35:87N:30:52E, h11km, MD3.4

ISCJBJ 09 06:29:54.3:1.2, 35:91N:0:09:30:54E:0.05, h10km, Error ellipse: s-maj=13.8km s-min=5.0km az=14.7

CSEM 09 06:29:54.5:0.6, 35:92N:30:58E, h10km, MD3.1, Error ellipse: s-maj=16.5km s-min=7.0km az=10.0

DDA 09 06:29:56.8, 36:12N:30:69E, h9km, MD3.1

ISC 09 06:29:59.1:1.3, 35:91N:0:08:30:57E:0.04, h10km, n27, az=090/34, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include AKAS Kas, ANTA Antalya, ANTB Antalya, etc.

TIF 09 06:42:59.2, 42:58N:42:37E, h16km, 1km

DDA 09 06:42:59.7, 42:56N:42:32E, h32km, Md2.8

CSEM 09 06:42:59.6:0.2, 42:56N:42:34E, h2km, ML2.3, Error ellipse: s-maj=4.2km s-min=3.1km az=119.0

MOS 09 06:43:01.9:1.6, 42:58N:42:49E, h12km, mb3.8/1, Error ellipse: s-maj=7.9km s-min=6.8km az=74.9

ISC 09 06:42:59.8:1.0, 42:55N:0:02:42:36E:0.02, h8km, 8km, n71, az=084/119, 3C-4D, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CHVG Ch'k'valeri, NEY Neytrino, ONI Oni, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ARTV Artvin, ARTV Artvin, AKH Akhalkalaki, etc.

BGD Bogdanovka, 1.58 144 P, P, 06 43 29.5 +0.2

BDV Bademkaya, 1.61 198 P, S, 06 43 28.5 +0.1

DBAD Bademkaya, 1.61 198 I, S, 06 43 28.5 +0.1

DDM Demirkent, 1.72 196 P, S, 06 43 30.5 +0.4

DUS Dusheti, 1.80 104 P, S, 06 43 33.1 0.0

DUS Dusheti, 1.80 104 P, S, 06 43 33.1 0.0

DUS Dusheti, 1.80 104 P, S, 06 43 33.1 0.0

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

DLG Delisi, 1.95 114 P, S, 06 43 34.4 -1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DIVS Divibare, ULJC Ulcinj, ULUC Ulcinj, etc.

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

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WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

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WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

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WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

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WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

WARR Warrangula, 1.92 323 P, S, 06 49 17.9 +1.1

IDC 09 07:03:21.3:1.0, 7:98Sx118:16E, h160km, 119km, mb2.9/2, mb1.3/1.4, mb1mx2.9/46, mbtm3.4/4, Error ellipse: s-maj=200.6km s-min=40.8km az=46.0

DJA 09 07:03:29.2:1.3, 8:52Sx23:117E, h182km, 15km, Md2.9/5, ML2.9/5

ISC 09 07:03:19.6:1.4, 8:35S:0:2:117E:0.2, h145km, n6, az=231/6, Sumbawa region

TWIS Taliwang, Sumb, 1.00 241 P, S, 06 47 02.0 -0.4

FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

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FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

FITZ Fitzroy Crossi, 12.42 143 P, S, 06 47 14.2 +2.7

NEIC 09 07:11.0, 32:60N:115:79W, h3km, ML3.8(PAS), ML3.9(ECK), After ECX.

NEIC Felt [I] at Mexicali, Felt [III] at Calexico and El Centro and [II] at Imperial and San Diego, California. Also felt at La Jolla, National City, Poway and San Diego.

ECX 09 07:09:11.7, 7:0.6, 32:61N:115:78W, h3km, MD3.7, ML3.9

MEX 09 07:09:12.9, 0.3, 32:72N:115:77W, h16km, 10km, MD3.8

ISC 09 07:10:8.0, 8:32S:0:02:115:78W:0.02, h11km, 5km, n72, az=041/123, 12C-4D, California-Baja California border region

SGL Mount Signal, 0.07 341 P, S, 06 47 12.8 +5.5

YUH Yula Desert, 0.14 296 P, S, 06 47 14.3 +0.2

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

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WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

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WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

WESC Westside Schoo, 0.18 12 P, S, 06 47 14.6 -0.1

9d 8h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PFO Pinyon Flat Ob, ECXB El Chintero, Belle Mtn. Jos, San Pedro Mart, etc.

NNC 09 07:24:16.5:0.5, 50.00N-78.68E, h0km, mb3.6, mpv3.2, 14C-8D, Error ellipse: s-maj=5.8km s-min=2.5km az=88.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

2010 DEC

Table with columns: BVA0, S, Sn, Time, Res. Includes stations like BVA0 3.0nm, 0.5s, baz=116, slow=22, SNR=6.3, etc.

PGC 09 07:35:54.2:1.4, 58.80N*137.50W, h5km, ML2.3/7, 126km East of Yakutat, AK Southeastern Alaska,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLBC Pleasant Camp, PNL Peninsula, etc.

IDC 09 07:43:44.0:2.0, 18.03S*178.42W, h553km, 25km, mb3.4/9, mb1.3/7.10, mb1mx3.4/28, mbtmp4.3/10, Error ellipse:

ISCJB 09 07:43:44.3:0.7, 18.2S:0.2:178.3W:0.2, h579km, mb3.8/8, Error ellipse: s-maj=31.4km s-min=13.5km az=141.2

ISC 09 07:43:45.4:0.8, 18.1S:0.2:178.3W:0.2, h579km, n12, 138/13, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

IDC 09 07:51:13.9:2.0, 23.03S:69.69W, h0km, mb3.8/2, mb1.4/0.3, mb1mx3.5/27, mbtmp3.7/3, ML3.7/1, Error ellipse:

ISCJB 09 07:51:18.1:0.7, 22.62S:0.0:70.27W:0.08, h29km, g10km, mb3.5/2, Error ellipse: s-maj=13.8km s-min=6.1km az=10.6

GUC 09 07:51:18.2:0.5, 22.58S:70.28W, h34km, 1km, ML3.8

ISC 09 07:51:18.1:1.2, 22.66S:0.05:70.27W:0.08, h29km, g10km, n11, 09N6/16, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB06 IPOC Station P, etc.

IDC 09 07:55:02.8:0.7, 56.37S:25.69W, h0km, mb4.2/8, mb1.4/3.9, mb1mx3.9/25, mbtmp4.2/9, ML3.8/1, M53.6/2, Ms1.3/5.2, ms1mx2.9/20, Error ellipse: s-maj=26.3km

ISCJB 09 07:55:05.3:0.7, 56.4S:0.1:25.7W:0.3, h29km, mb4.1/9, M53.6/2, Error ellipse: s-maj=24.4km s-min=12.6km az=155.0

ISC 09 07:55:07.1:0.7, 56.4S:0.1:25.8W:0.2, h29km, n16, 09N11/14, mb4.2/9, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SNA4 Snares, GSPA South Pole Qui, CPUP Villa Florida, etc.

370

Table with columns: TORD Torodi Arr. Bea, ATD ATE Tunnel, MDT Midlet, FINES FINESS Array B, ARCES ARCESS Array B, YKA Yellowknife Arr, ILAR Eielson Array, etc.

ISCJ 09 08:01:28.9:0.6, 34.06N:0.03:36.14E:0.04, h15km, 4km, Error ellipse: s-maj=5.2km s-min=4.4km az=2.2

NSSC 09 08:01:28.7:2.9, 34.08N:36.16E, h16km, 8km, ML1.7

CSEM 09 08:01:28.7:0.1, 34.05N:36.15E, h10km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.4km az=118.0

GRAL 09 08:01:29.4:0.4, 34.07N:36.11E, h19km, 13km, MD2.8

ISC 09 08:01:28.1:1.1, 34.06N:0.03:36.13E:0.03, h21km, 1km, n23, 08N14/2, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HWQ Hawqa, MARH Ras Al Marh, MARH, etc.

NNC 09 08:12:35.4:1.5, 36.53N:70.48E, h103km, 45km, mb3.0, mpv3.5, 6C-3D, Error ellipse: s-maj=16.6km s-min=12.0km az=105.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, MNAS Manas, MNAS Karatay Array, etc.

IDC 09 08:35:25.2:5.2, 20.00S:178.54W, h600km, 62km, mb3.0/7, mb1.3/7, mb1mx3.2/22, mbtmp3.9/7, Error ellipse: s-maj=179.9km s-min=53.4km az=154.0, Fiji Islands region

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

CSEM 09 08:56:21.8:0.7, 39.57N:29.71W, h10km, ML3.5, After PDA PDA 09 08:56:21.8:0.7, 39.57N:29.71W, h10km, MD3.5, ML3.5, Error ellipse: s-maj=7.7km s-min=5.2km az=53.0, Azores Islands

Table with columns: MONP, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Barrett, Big Chuckawall, Blythe, Camp Elliot, Pinyon Flat Ob, etc.

ISC 09 10:02:42.2±1.6, 54.26N-86.20E, h0km, mb1 3.6/2, mb1mx3.2/35, mbtmp3.6/2, ML3.1/2, 3C-2D, Error ellipse: s-maj=19.0km s-min=11.8km az=55.0, Southwestern Siberia

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

ISCJB 09 10:14:16.1±1.9, 39.33N-0.05-29.79W, h13km, mb4, 3/23, MS3.7/19, Error ellipse: s-maj=10.5km s-min=9.8km az=32.2

CSEM 09 10:14:14.8±0.2, 39.35N-29.69W, h2km, mb5 0/7, Error ellipse: s-maj=11.4km s-min=4.7km az=43.0

ISC 09 10:14:15.0±0.7, 39.52N-29.83W, h0km, mb4 1/17, mb1 4.2/18, mb1mx4.0/23, mbtmp4.1/18, ML4.6/1, MS3.7/20, Ms1 3.7/20, ms1mx3.6/30, Error ellipse: s-maj=18.6km s-min=14.7km az=176.0

NEIC 09 10:14:16.0±0.3, 39.53N-29.82W, h10km, mb4.8/4, Error ellipse: s-maj=9.7km s-min=6.2km az=185.0

PDA 09 10:14:16.6±1.4, 39.57N-29.73W, h10km, MD3.8, ML3.8, Error ellipse: s-maj=11.4km s-min=3.3km az=27.2

ISC 09 10:14:16.7±1.6, 39.58N-29.74W, h0.06, h13km, gkm, n79, c134/79, mb4.2/23, MS3.7/19, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Cedros, Caldeira, Pico, FLORES T-PHASE, etc.

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

NNC 09 10:23:00.3±2.0, 51.14N-73.80E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=27.5km s-min=15.4km az=11.0

ISC 09 10:23:07.0±1.0, 51.71N-74.34E, h0km, mb3.2/1, mb1 3.0/5, mb1mx3.0/42, mbtmp2.8/5, ML2.4/4, MS2.2/1, Ms1 2.2/1, ms1mx1.9/20, Error ellipse: s-maj=27.1km s-min=9.2km az=26.0

ISC 09 10:22:59.8±1.2, 51.11N-0.07-73.89E±0.07, h10km, n13, c116/9, 6C-5D, Central Kazakhstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like El Cayaco, Mezcala, Puente Sto Nin, etc.

MEX 09 10:49:20.6±0.4, 16.87N×100.10W, h13km, mb3.5/3, mb1 3.8/5, mb1mx3.6/32, mbtmp3.7/5, ML3.9/2, MS3.1/2, Ms1 3.1/2, ms1mx2.5/20, Error ellipse: s-maj=63.0km s-min=24.3km az=69.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like El Cayaco, Mezcala, Puente Sto Nin, etc.

ISC 09 10:54:24.7±1.6, 1.47N-122.72E, h0km, mb3.5/3, mb1 3.8/5, mb1mx3.6/32, mbtmp3.7/5, ML3.9/2, MS3.1/2, Ms1 3.1/2, ms1mx2.5/20, Error ellipse: s-maj=63.0km s-min=24.3km az=69.0, Minahassa Peninsula, Sulawesi

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

OTT 09 10:58:14.2±0.8, 70.37N-63.79W, h18km, ML3.5/3, Baffin Bay, 180km east from Clyde River, Nu Eastern Arctic Background Seismic Zone, Baffin Bay

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

NNC 09 11:19:05.9±2.2, 38.31N×71.36E, h0km, mb3.9, mpv3.5, 7C-5D, Error ellipse: s-maj=15.9km s-min=12.3km az=10.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Sufi-Kurgan, MNAS, Karatay Array, etc.

GUC 09 11:21:37.4±0.6, 20.86S-69.26W, h103km, gkm, ML3.9, Northern Chile

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

ISC 09 11:33:51.0±0.6, 37.42S×78.10E, h0km, mb4.4/14, mb1 4.1/14, mb1mx3.4/31, mbtmp4.4/14, MS4.1/15, Ms1 4.1/15, ms1mx3.8/27, Error ellipse: s-maj=20.8km s-min=17.3km az=177.0

ISCJB 09 11:33:51.4±0.4, 0.37S×0.09W, h12E±0.10, h13km, mb4.5/22, MS4.2/15, Error ellipse: s-maj=12.7km s-min=10.6km az=159.5

NEIC 09 11:33:52.6±0.3, 37.49S×78.10E, h10km, mb4.8/9, Error ellipse: s-maj=9.6km s-min=7.6km az=176.0

ISC 09 11:33:53.2±0.5, 37.55S±0.1x78.12E±0.1, h13km, n46, c059/31, mb4.6/22, MS4.1/15, Mid-Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK comp=Z, 6.0m, 0.3s, PET Petrovavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR comp=Z, 1.0m, 0.7s, IDC 09 11:54:01.7:8.0, 20.35Sx176.52W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRSC 09 11:49:20.5: 7.4, 48.74N:155.38E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 30.51 158 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISK 09 12:46:09.4, 40.85N:27.77E, etc.

9d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCK McKinley, WLY Manley, MKR Makanchi Array, etc.

ISK 09 14:00:52.3, 40.06N, 32.36E, h13km, MD2.6
DDA 09 14:00:52.1, 39.78N, 32.32E, h7km, MD2.6
ISCJB 09 14:00:53.4, 0.8, 39.97N, 0.04, 32.32E, 0.04, h5km, 7km, Error ellipse: s-maj=7.5km s-min=5.5km az=169.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOD Lodumlu, AUMIH MIHALICIK, AFSR Afar-Bala (A), etc.

CSEM 09 14:12:24.0, 0.4, 38.20N, 36.27E, h2km, MD2.7, Error ellipse: s-maj=12.0km s-min=6.9km az=110.0
ISCJB 09 14:12:27.3, 0.7, 38.04N, 0.03, 36.18E, 0.07, h10km, 7km, Error ellipse: s-maj=9.0km s-min=5.2km az=5.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SARH SarD1z-Kayseri, ANDN Andirir, KOZT Kozan, etc.

IDC 09 14:17:30.4, 3.9, 16.21N, 85.38W, h0km, mb3.5/5, mb1 4.0/7, mb1mx3.7/39, mbtmpp3.7/77, ML4.1/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/21, Error ellipse: s-maj=81.2km s-min=35.4km az=171.0
ISCJB 09 14:17:36.2, 1.5, 16.5N, 0.1, 85.66W, 0.09, h33km, mb4.0/8, Error ellipse: s-maj=19.5km s-min=9.4km az=150.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCIG Comitán, CMIG Matias Romero, CMIG Matias Romero, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLIG Tlapa, 637A Eagle Lake, LRAL Lakeview Retre, etc.

IDC 09 14:29:00.1, 1.1, 38.20N, 21.56E, h0km, mb3.6/7, mb1 3.6/9, mb1mx3.5/46, mbtmpp3.5/9, ML3.0/2, MS2.5/3, Ms1 2.6/3, ms1mx2.3/40, Error ellipse: s-maj=24.5km s-min=20.4km az=68.0
ISCJB 09 14:29:01.3, 0.3, 38.10N, 0.01, 21.58E, 0.02, h8km, 2km,

376

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, etc.

ellipse: s-maj=67.2km s-min=19.2km az=151.0
ISCJB 09 15:48:15.5:1.1,36:25N:0:09:70:32E:0.08,h110km,
mb3.2/1,Error ellipse: s-maj=14.0km s-min=6.4km
az=149.0
NMC 09 15:48:19.0:1.8,36:35N:70:52E,h138km,42km,mb3.2,
mpv4.0,Error ellipse: s-maj=19.8km s-min=14.8km
az=88.0
ISC 09 15:48:16.1:1.7,36:2N:0:1:70:36E:0.09,h110km,n19,
c0589/24,7C-3D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like SFK, AML, MNAS, MNAS, UCH, KK31, KK31, EKS2, KZA, AAK, AAK, AAK, AAK, USP, TCM2, TCM2, GEYT, GEYT, MKAR, AB31, KURBB, BVAR, ZALV, TORD.

AUST 09 15:53:03.6:0.0,4:58S:133:53E,h182km,Error ellipse:
s-maj=1.9km s-min=1.2km az=230.0
IDC 09 15:53:04.3:2.2,5:30S:131:84E,h0km,mb3.7/3,
mb1.3/9,mb1mx3.6/43,mbtmp3.6/6,ML4.0/3,Error
ellipse: s-maj=13.7km s-min=25.9km az=78.0
ISC 09 15:53:05.2:1.4,4:74S:0:09:133:42E:0.2,h25km,n12,
c1582/11,mb3.7/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like FAKI, BNDI, SIJI, SWI, SANI, KDU, COEN, WRA, ASAR, MKAR, KURBB, BVAR.

BUI 09 15:54:33.6:3:80N:82:60W,h10km,mb5.4/5,Ms5.3/3,
Ms7.5/0/3
ISCJB 09 15:54:35.0:0.6,3:9N:0:1:82:6W:0:1,h14km,mb4.3/17,
MS3.5/4,Error ellipse: s-maj=20.1km s-min=9.3km
az=141.3
IDC 09 15:54:34.2:1.5,3:93N:82:53W,h0km,mb3.7/6,mb1.4/0.6,
mb1mx3.7/41,mbtmp3.8/6,MS3.5/7,Ms1.3/7,
ms1mx3.3/27,Error ellipse: s-maj=68.0km s-min=21.5km
az=46.0
NEIC 09 15:54:35.6:0.5,3:85N:82:59W,h10km,mb4.5/12,Error
ellipse: s-maj=19.1km s-min=8.4km az=58.0
ISC 09 15:54:35.2:0.8,3:8N:0:1:82:7W:0:2,h14km,n34,
c1588/27,mb4.5/17,MS3.5/4, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like BCIP, JTS, JTS, ATAH, CMIG, PTGA, PTGA, SAML, LPAZ, LPAZ, SIV, H06E1, MIAR, TXAR, BNM, ANMO, T2SA, CPUP, SDCO, WUAZ, SMCO, SRU, RSSD, PDAR, TRQA.

Table with columns: BGU, HVU, NV01, NVAR, ULM, ILAR, WMQ, HHC, HHC, HHC, HHC, NJ2, LZH, LZH, LZH, LZH. Rows include stations like Big Grassy Mou, Hansel Valley, Mima Array Sit, Mima Array Bea, Lac du Bonnet, Santaio Array, Urumqi, Hu-ho-hao-te, 75nm, 8.0s, 160nm, 18.0s, 250nm, 19.6s, 210nm, 16.0s, Nanjing, Lanzhou, 100nm, 18.0s, 110nm, 17.8s, 150nm, 20.1s.

JMA 09 15:59:58.7:0.2,24:59N:121:94E,h73km,2km,M2.4
ISCJB 09 15:59:59.5:0.5,24:63N:0:04:122:00E:0.02,h67km,5km,
Error ellipse: s-maj=6.3km s-min=3.1km az=162.7
TAP 09 15:59:59.6:2.4:65N:121:95E,h67km,1km,ML3.2,D
ISC 09 15:59:59.9:1.4,24:63N:0:05:121:99E:0.03,h66km,8km,
n3, c0566/70,1C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like TWC, TWC, EGS, EGS, ILA, ILA, ENA, ENA, TWE, TWE, TWS1, TWS1, TWTB1, TWTB1, ENTT, ENTT, NWF, NWF, NSK, NSK, NNS, NNS, NNS, NNS, TWD, TWD, TWS1, TWS1, TWS1, TWS1, NCU, NCU, TWT, TWT, TWT, TWT, JYNG, JYNG, NSTT, NSTT, YOJ, YOJ, ESL, ESL, TWQ1, TWQ1, WDT, WDT, WDT, WDT, SMLT, SMLT, TYC, TYC, TYC, TYC, TWF, TWF, YUS, YUS, ALS, ALS, CHN5, CHN5, CHN5, CHN5, WKG, WKG, IRIF, IRIF, CHKT, CHKT, ELDT, ELDT, HATJ, HATJ, CHN4, CHN4, CHN4, CHN4, STYT, STYT, STYT, STYT, WTP, WTP, WTP, WTP, KRS, KRS, CHN1, CHN1, CHN1, CHN1, JIJ, JIJ, JIJ, JIJ, JISG, JISG.

Table with columns: SSD, Sandimen, 2.25 214 eP, Pn, 16 02 59.3 +1.4, 16 03 02.7 +1.0, 16 03 10.3 +1.4, 16 03 10.1 +1.1, 16 03 10.1 +0.3, 16 06 20.2 -0.3, 16 13 47.7 -0.8, 16 13 47.6 -4.6. Rows include stations like Sandimen, Afiamalu, Warramunga Arr, Stephens Creek, Alice Springs, Sorong, Mima Array Bea, Lajitas Array, Eielson Array, Pinedale Array, Torodi Ar, Be.

NMC 09 16:12:55.1:2.4,38:85N:70:55E,h0km,mb3.7,mpv3.4,
Error ellipse: s-maj=18.4km s-min=11.1km az=22.0
ISC 09 16:12:54.7:2.9,38:7N:0:2:70:52E:0.08,h17km,n15,
c1583/21,5C-6D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like SFK, MNAS, MNAS, AML, KK31, UCH, EKS2, KZA, AAK, AAK, AAK, AAK, CHMS, USP, TCM2, TCM2, AB31, AB31.

MEX 09 16:17:40.1:0.5,16:55N:93:85W,h114km,9km,MD3.9,
Chiapas region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like PCIG, PCIG, PCIG, CCG.

IDC 09 16:19:07.7:3.6,35:97N:71:53E,h0km,mb3.8/6,
mb1.3/8,mb1mx3.6/45,mbtmp3.8/9,ML3.6/3,Error
ellipse: s-maj=17.0km s-min=28.5km az=133.0
NMC 09 16:19:24.9:4.0,37:14N:70:79E,h0km,mb3.7,mpv3.4,
Error ellipse: s-maj=32.3km s-min=23.1km az=167.0
ISC 09 16:19:10.3:0.9,36:24N:0:08:71:35E:0.08,h10km,n26,
c1599/24,mb3.8/5,7C-3D,Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like SFK, MNAS, MNAS, AAK, AAK, AAK, KK31, KK31, SMLA, SMLA, SMLA, SMLA, GEYT, GEYT, KOLN, GKN, DMN, KKN, PKIN, PKI, GUN, AB31, AB31, RAMM, TAPN, BVAR, AKTO.

Table of astronomical observations for 9d 16h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

ISCJB 09 16:27:20.8 ± 1.9, 36:4N; 0:1x40:22E:0:06, h9km, 17km, Error ellipse: s-maj=19.3km s-min=7.7km az=173.6

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

IDC 09 16:28:59.8 ± 3.7, 38:03N; 144:49E, h0km, mb3.4/4, mb1.3/0.5, mb1mx3.3/40, mbtrmp3.4/5, ML3.0/1, Error ellipse: s-maj=91.3km s-min=34.3km az=152.0

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

MOS 09 16:29:26.0 ± 0.5, 43:07N; 146:17E, h28km, mb4.2/1, Error ellipse: s-maj=57.9km s-min=20.8km az=92.3

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

9d 20h

Table of astronomical observations for 9d 20h, listing stations like CMAR, CHIAI, LZH, etc., with columns for station name, coordinates, and observation details.

2010 DEC

Table of astronomical observations for 2010 DEC, listing stations like BOSA, KSAR, KSRK, etc., with columns for station name, coordinates, and observation details.

388

Table of astronomical observations for 388, listing stations like HMBC, LVC, PB11, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like CMAR, APSI, UTHA, LUWI, LBM, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like ARU, IALA, IFIR, IPAR, ISRV, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like UPCE, STHS, GOPC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRAC Vranov, ARSA Arzberg, MORC Moravsky Berou, MOA Mollin, etc.

Code Station Name Azimuth Phase ID Time Res
SFK Sufi-Kurgan 4.29 24 Op Pn 22 13 13.8 +2.9
SFK 5.9nm,0.3s
MNAS Manas 6.44 9 Op S 22 13 40.1 +0.2

Code Station Name Azimuth Phase ID Time Res
SFK Sufi-Kurgan 4.29 24 Op Pn 22 13 13.8 +2.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFAK Sufi-Kurgan, MNAS Manas, AAK Ala-Archa, etc.

Code Station Name Azimuth Phase ID Time Res
SFAK Sufi-Kurgan 4.29 24 Op Pn 22 13 13.8 +2.9

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZEY Zeytinok-Aydi, IZM Izmir, DGB Zmir, etc.

Code Station Name Azimuth Phase ID Time Res
ZEY Zeytinok-Aydi 1.44 55 Op Pn 22 15 52.2 -0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, ATAH Atahualpa, PTGA Pitinga, etc.

Code Station Name Azimuth Phase ID Time Res
ATAH Atahualpa 5.15 331 P Pn 22 31 28.0 +0.7

Code Station Name Azimuth Phase ID Time Res
ATAH Atahualpa 5.15 331 P Pn 22 31 28.0 +0.7

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

Code Station Name Azimuth Phase ID Time Res
TLIG Tiapa 0.87 353 Op Pn 22 32 52.4 -3.2

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

Code Station Name Azimuth Phase ID Time Res
MEIG Mezcala 1.65 318 Op Pn 22 32 52.5 -3.6

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

Code Station Name Azimuth Phase ID Time Res
CAIG El Cayaco 1.76 282 Op Pn 22 33 12.4 -4.9

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

Code Station Name Azimuth Phase ID Time Res
PLIG Platanillo 1.96 330 Op Pn 22 33 57.7 -2.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARIG Puento Sto Nin, ARIG Puento Sto Nin, ARIG Puento Sto Nin, etc.

Code Station Name Azimuth Phase ID Time Res
ARIG Puento Sto Nin 2.39 311 Op Pn 22 33 02.7 -3.5

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

Code Station Name Azimuth Phase ID Time Res
PRK Paraskevi 0.40 359 Op Pn 22 41 13.7 +0.2

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

Code Station Name Azimuth Phase ID Time Res
CHOS Chios island 0.49 202 Op Pn 22 41 19.2 +0.2

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

Code Station Name Azimuth Phase ID Time Res
SIGR SIGRI 0.50 318 Op Pn 22 41 15.7 -0.2

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

Code Station Name Azimuth Phase ID Time Res
AYVA Ayvalik 0.56 34 P Pn 22 41 16.5 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZEY Zeytinok-Aydi, ZEY Zeytinok-Aydi, ZEY Zeytinok-Aydi, etc.

Code Station Name Azimuth Phase ID Time Res
ZEY Zeytinok-Aydi 1.44 55 Op Pn 22 15 52.2 -0.4

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRMT Marmara Adasi, ALN Alexandroupoli, ALN Alexandroupoli, etc.

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
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Code Station Name Azimuth Phase ID Time Res
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Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Code Station Name Azimuth Phase ID Time Res
MRMT Marmara Adasi 2.03 29 Op Pn 22 41 39.6 +0.4

Table with columns for station code, name, frequency, and signal strength. Includes stations like GTA, DYBB, KOPT, BAYT, ERZN, PALK, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like CM01, KRTS, HAVZ, KMI, KML, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like XAN, MDUB, SUTC, CMBY, SHUT, etc.

395

Table with columns: Call, Colim, Frequency, Power, Modulation, and other parameters. Includes entries like CLL, Kautokino, ROTZ, KSI, HAMF, etc.

2010 DEC

Table with columns: Call, Frequency, Power, Modulation, and other parameters. Includes entries like BLSS, MEM, JOW, BNI, BNI, etc.

9d 23h

Table with columns: Call, Frequency, Power, Modulation, and other parameters. Includes entries like POLO, POLO, POLO, etc.

10d 1h

2010 DEC

Table with columns: COLA, College, 79.44, 16ceP, P, 23 29 37.8 -0.6, etc. Includes various station names like COLA, WRH, ILI, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes station names like BATI, BATI, MMRI, MTN, etc.

Table with columns: WIL2, Platees, 0.56 262, ePN, Pg, 01 36 10.8 -0.6, etc. Includes station names like WIL2, NAIG, Nisos Aigina, etc.

ISC/JB 09 23:22:37.4-0.6, 7.50S:0.06x125:4E:0.09, h450km, mb3.5/2, Error ellipse: s-maj=11.5km s-min=8.5km az=4.0

ISC 09 23:22:38.1-1.1, 7.68S:125.12E:h452km, 13km, mb3.1/2, mb1 3.4/7, mb1mx3/0.44, mbtrmp4.2/7, Error ellipse:

PDG 10 01:36:31.8-0.2, 42.34N:18.94E, h3km, 1km, MD3.1/7, ML3.1/9, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes station names like BUM, Brajici-Budva, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CEME Cevo, DRME Dracevica, MON, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ABTA Abfaltersbach, BURAR Bucovina Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, GELI Tayfur-Gelibol, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GSI Gunungstition, MNSI Mandailing Nat, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NEZ North Egmont, KHEZ Kahui Hut, etc.

TAP 10 02:33:19.4, 24.762N, 122.46E, h20km, 1km, ML2.6, D
JMA 10 02:33:19.8, 0.1, 24.68N, 122.45E, h9km, M1.6
ISC 10 02:33:19.5, 1.1, 24.73N, 122.46E, 0.03, h16km, 10km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like EGS, TWB1, JYNG, YOJ, TWC, NWF, ENA, TWE, NSK, NNS, IRIF, TWT.

KRNET 10 02:34:53.1, 0.1, 42.93N, 76.61E, h14km, mb3.3
ISCJB 10 02:34:54.0, 0.6, 42.97N, 0.04, 76.61E, 0.03, h10km, 6km,
mb3.8/1, Error ellipse: s-maj=6.1km s-min=3.6km

NNC 10 02:34:54.4, 0.2, 43.11N, 76.50E, h5km, 1km, mb3.6,
mpv3.2, Error ellipse: s-maj=4.6km s-min=1.2km az=163.0
MOS 10 02:34:54.0, 1.5, 43.13N, 76.56E, h17km, mb4.0/1, Error
ellipse: s-maj=12.2km s-min=10.5km az=56.4

ISC 10 02:34:53.3, 1.1, 42.98N, 0.03, 76.62E, 0.02, h9km, 9km,
n53, f102/79, 31C-40D, Lake Issyk-Kul region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KNDK, AAA, BOOM, TKM2, KBK, KZA, CHMS, PRZ, USP, AAK, NNR, UCH, ARLS, EKS2, PDGK, AML.

Station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AML, MNAS, SFK, KK31, MK31, OTUK, KURBB, VOSK, BVA0, BRVK, BRYK, KIV, ABPO.

ISCJB 10 02:35:35.2, 0.5, 43.14N, 0.02, 18.85E, 0.04, h4km, 4km,
Error ellipse: s-maj=4.6km s-min=2.7km az=22.6
PDG 10 02:35:35.7, 0.2, 43.12N, 18.84E, h13km, MD2.6/4,
ML2.5/12, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

CSEM 10 02:35:35.3, 0.2, 43.14N, 18.84E, h5km, ML2.5, Error
ellipse: s-maj=5.0km s-min=2.8km az=110.0
BEO 10 02:35:36.0, 0.5, 43.08N, 18.86E, h3km, 2km, ML2.3/1
ISC 10 02:35:35.8, 0.9, 43.12N, 18.87E, 0.03, h11km, 8km,
n49, f0875/92, 16C-8D, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NKY, BRY, PLE, CEME, PDG, TITG, BEY, IVA, SJSJ, BUM, BBL, PNY, DRME, IVAS, ULC, DIVS, TEKS, GRUS, TRUS, TRU, SELS.

Station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BLY, FGSL, FRGS, BARS, KUBS, ZAPS.

ISCJB 10 03:19:03.8, 0.5, 37.70N, 0.05, 77.35E, 0.08, h10km,
mb3.7/8, MS3.1/3, Error ellipse: s-maj=8.8km s-min=6.6km
az=5.2

BUI 10 03:19:04.5, 37.59N, 77.36E, h10km, mb4.2/1, ML3.9/7,
MS3.9/1, Ms7.3/8/1
IDC 10 03:19:05.7, 1.6, 37.57N, 77.36E, h21km, 4km, mb3.6/7,
mb1.3/7/13, mb1mx3.5/4/5, mbmp3.7/13, ML3.2/6, MS3.1/6,
Mb1.3/1/6, ms1mx2.7/5/4, Error ellipse: s-maj=27.3km
s-min=23.6km az=151.0

MNC 10 03:19:08.9, 2.1, 37.91N, 77.33E, h5km, 8km, mb4.2,
mpv3.9, Error ellipse: s-maj=15.9km s-min=9.4km
az=172.0

ISC 10 03:19:05.3, 0.7, 37.62N, 0.05, 77.53E, 0.07, h10km, n43,
f1976/50, mb3.8/8, MS3.0/3, 13C-11D, Southern Xinjiang

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSH, SFK, ULHL, KZA, UCH, CHCP, AML, KBK, TKM2, AAK, AAL, AAK, PDGK, SMLA, THW, SARP, KK31, MK31, MKAR, WMO, OTUK, KURBB, GEYT, BVAR, ZALV, AB31, AKTO, AKTO, ARU, TLY, SONM, HHC, HHC, PALK, FINES, FINES, ARCES, ARCES.

comp-Z:2.7nm,0.9s,baz=93,slow=7.2,SNR=1.5

NOA	NORSAR Array B	46.66 322	P	P	03 27 32.5	-1.2
NOA	comp-Z:0.7nm,0.7s,baz=90,slow=7.9,SNR=2.9					
NOA	comp-Z:0.7nm,0.5s,baz=90,slow=7.9,SNR=2.2					
TORD	Torodi Ar. Bea	70.93 272	P	P	03 29 30.2	-2.6
YKA	Yellowknife Ar	79.75 6	P	P	03 31 11.8	-1.2
YKA	comp-Z:0.7nm,0.6s,baz=345,slow=5.3,SNR=6.8					
YKA	comp-Z:0.8nm,0.6s,baz=346,slow=5.4,SNR=9.4					

ISCJ 10 03:24:52.0:0.8, 15:38Sx172:16W,h0km,mb4,1/7, mb1 4.3/7, mb1mx3.9/35, mbtmp4.1/7, MS3.5/2, Ms1 3.5/2, ms1mx2.9/29, Error ellipse: s-maj=35.0km s-min=17.2km s-z=12.0

ISCJ 10 03:24:54.6:0.8, 15:38S:0:2:172:4W:0:2, h23km, mb4,1/9, MS3.5/2, Error ellipse: s-maj=34.4km s-min=12.1km s-z=9.5

NEIC 10 03:24:57.6:0.5, 15:56Sx172:14W,h35km,mb4.4/3, Error ellipse: s-maj=26.3km s-min=13.1km az=140.0

ISC 10 03:24:56.0:0.8, 15:38S:0:2:172:2W:0:2, h23km, n20, az=156/14, mb4.2/9, Samoa Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
AFI	Afiatalu	1.47 17	Op	ISC	03 25 20.1	-1.1
PPT	Papeete	21.83 99	LR	Pn	03 37 02.6	
PPT2	Papeete2	21.83 99	LR	Pn	03 34 22.4	
URZ	Urewera	24.71 200	P	P	03 30 16.8	+1.3
URZ	Urewera	24.71 200	P	P	03 30 14.4	-1.1
H1S12	WAKE ISLAND Hy	39.50 328	T	T	04 13 14.0	
H1S13	WAKE ISLAND Hy	39.51 328	T	T	04 13 12.6	
H1S14	WAKE ISLAND Hy	39.52 328	T	T	04 13 14.0	
STKA	Stephens Creek	45.06 240	P	P	03 33 10.2	-0.1
WRAB	Tennant Creek	50.96 257	P	P	03 33 55.4	-0.9
WRA	Warramunga Arr	50.97 257	P	P	03 33 56.2	-0.1
ASAR	Alice Springs	51.22 252	P	P	03 33 58.0	-0.2
NVAR	Mina Array Bea	73.51 41	P	P	03 36 28.5	+1.2
TXAR	Lajitas Array	79.62 36	P	P	03 37 01.9	-1.1
NEW	Newport	80.01 34	LR	LR	04 05 47.4	
MCK	McKinley	80.84 10	P	P	03 37 07.2	-0.4
ILAR	Eielson Array	82.16 11	P	P	03 37 16.0	+1.5
GERES	GERES Array B	146.22 353	PKPbc	PKPbc	04 34 36.2	+0.9
BRTR	Keskin Array B	146.81 322	PKPbc	PKPbc	04 34 38.5	+0.5
TORD	Torodi Ar. Bea	173.71 109	PKPab	PKPab	04 36 32.8	-1.7

ISCJ 10 03:54:09.5:0.3, 13:70S:0:04:166:64E:0:06, h33km, mb4,6/30, MS3.9/22, Error ellipse: s-maj=7.8km s-min=6.3km az=110.0

ISC 10 03:54:11.6:2.3, 13:69S:166:82E, h44km,18km,mb4.2/14, mb1 4.3/16, mb1mx4.1/35, mbtmp4.4/16, ML2.5/1, MS3.9/23, Ms1 3.9/23, ms1mx3.8/35, Error ellipse: s-maj=25.4km s-min=16.6km az=110.0

NEIC 10 03:54:14.9:1.5, 13:70S:166:66E, h71km,12km,mb4.7/19, Error ellipse: s-maj=10.3km s-min=10.0km az=101.0

BUI 10 03:54:19.1, 13:80S:166:60E, h126km,mb4.7/28, mb5.0/18

AUST 10 03:54:21.3, 13:96S:166:42E, h100km

ISC 10 03:54:10.4:0.4, 13:87S:0:06:166:89E:0:07, h35km, n104, az=159/100, mb4.6/30, MS4.0/22, 1D, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
HNR	Honiara	8.00 301	P	Pn	03 56 04.2	0.0
HNR	Honiara	8.00 301	P	Pn	03 57 30.6	-2.9
HNR	Honiara	8.00 301	eP	Pn	03 56 04.0	-0.2
HNR	Honiara	8.00 301	ePn	Pn	03 56 03.8	-0.4
HNR	Honiara	8.00 301	ePn	Pn	03 57 30.6	-2.9
DZM	Mont Dzumac	8.37 183	ePn	Sn	03 56 10.9	+1.6
DZM	Mont Dzumac	8.37 183	P	Sn	03 57 40.3	-2.4
DZM	Mont Dzumac	8.37 183	P	Pn	03 56 12.0	+2.6
DZM	Mont Dzumac	8.37 183	P	Sn	03 57 41.6	-1.0
MSVF	Nonsavu	11.48 112	ePn	Pn	03 57 04.3	+1.2
EIDS	Eidsvold	18.88 230	eP	Pn	03 58 30.8	+2.1
EIDS	Eidsvold	18.88 230	eP	Pn	03 58 29.6	+0.9
PMG	Port Moresby	19.78 280	P	P	03 58 38.3	+0.5
PMG	Port Moresby	19.78 280	P	LR	04 06 06.7	
AFI	Afiatalu	20.73 93	P	Pn	03 58 53.5	+2.8
AFI	Afiatalu	20.73 93	P	LR	04 04 47.3	
AFI	Afiatalu	20.73 93	P	Pn	03 58 54.0	+3.3
CTA	Charters Tower	20.74 249	P	P	03 58 48.7	+0.5
CTAO	Charters Tower	20.74 249	eP	P	03 58 46.8	-1.4
RMQ	Roma	21.23 230	P	P	03 58 50.8	-2.7
ARMA	Armidale	21.82 218	P	P	03 59 01.8	+2.0
ARMA	Armidale	21.82 218	eP	P	03 59 01.8	+2.0
MTSU	Mount Surprise	21.85 255	P	P	03 59 05.6	+2.2
COEN	Coen	23.02 266	P	P	03 59 14.4	+1.7
COEN	Coen	23.02 266	eP	P	03 59 13.7	+1.0
MGCD	Mangrove Creek	24.18 214	P	P	03 59 25.7	+2.1
QLP	Quilpie	24.79 235	P	P	03 59 29.8	+0.6
URZ	Urewera	26.12 161	LR	LR	04 03 25.3	
CMSA	Cobar Meteorol	26.35 224	P	P	03 59 44.4	+1.1
CAN	Canberra	26.92 214	eP	P	03 59 47.9	-0.6
QKS	Mount Isa	26.93 251	P	P	03 59 48.4	-0.3
STKA	Stephens Creek	29.41 228	P	P	04 00 11.3	+0.6
STKA	Stephens Creek	29.41 228	P	LR	04 11 11.8	
STKA	Stephens Creek	29.41 228	P	P	04 00 11.4	+0.7
STKA	Stephens Creek	29.41 228	P	P	04 00 11.4	+0.7
RPZ	Rata Pease	30.16 174	LR	LR	04 11 50.2	
WRAB	Tennant Creek	31.73 256	P	P	04 00 29.1	-2.2
WRA	Warramunga Arr	31.74 254	P	P	04 00 29.6	-1.8
WRA	Warramunga Arr	31.74 254	P	PcP	04 03 21.9	-0.6
WRA	Warramunga Arr	31.74 254	P	ScP	04 07 02.9	-0.5
WRA	Warramunga Arr	31.74 254	P	LR	04 12 57.7	
ARPS	Mount Arapiles	32.10 220	P	P	04 00 36.1	+1.7

RAR	Rarotonga	32.63 108	LR	LR	04 11 31.0	
ASO1	Alice Springs	32.67 247	eP	PcP	04 00 37.5	-2.1
ASO1	Alice Springs	32.72 247	eP	PcP	04 00 38.6	-1.5
ASAR	Alice Springs	32.72 247	eP	PcP	04 00 38.6	-1.4
ASAR	Alice Springs	32.72 247	eP	PcP	04 03 24.4	-0.9
ASAR	Alice Springs	32.72 247	eP	PcP	04 07 06.2	-0.6
ASAR	Alice Springs	32.72 247	eP	PcP	04 13 06.1	
GUMO	Guam	34.77 320	LR	LR	04 13 58.0	
FAKI	Fak Fak	35.84 284 <td>P</td> <td>P</td> <td>04 01 09.4</td> <td>+2.2</td>	P	P	04 01 09.4	+2.2
FAKI	Fak Fak	35.84 284 <td>eP</td> <td>P</td> <td>04 01 06.6</td> <td>-0.5</td>	eP	P	04 01 06.6	-0.5
WRKA	Warakuma	38.00 247 <td>P</td> <td>P</td> <td>04 01 24.1</td> <td>-1.3</td>	P	P	04 01 24.1	-1.3
FITZ	Fitzroy Crossi	39.66 258 <td>LR</td> <td>LR</td> <td>04 18 02.8</td> <td></td>	LR	LR	04 18 02.8	
PPT	Papeete	42.04 101 <td>LR</td> <td>LR</td> <td>04 15 56.4</td> <td></td>	LR	LR	04 15 56.4	
PPT2	Papeete2	42.04 101 <td>eS</td> <td>LQ</td> <td>04 08 13.0</td> <td>-3.3</td>	eS	LQ	04 08 13.0	-3.3
PPT2	Papeete2	42.04 101 <td>eS</td> <td>LQ</td> <td>04 12 10.7</td> <td></td>	eS	LQ	04 12 10.7	
PPT2	Papeete2	42.04 101 <td>eS</td> <td>LR</td> <td>04 13 54.0</td> <td></td>	eS	LR	04 13 54.0	
TBI	Tubuai	42.36 110 <td>eLQ</td> <td>LQ</td> <td>04 12 12.2</td> <td></td>	eLQ	LQ	04 12 12.2	
TBI	Tubuai	42.36 110 <td>eLQ</td> <td>LR</td> <td>04 14 03.8</td> <td></td>	eLQ	LR	04 14 03.8	
BATI	Baumata	42.39 270 <td>LR</td> <td>P</td> <td>04 19 46.5</td> <td></td>	LR	P	04 19 46.5	
MEEK	Meekeatharra	46.86 246 <td>P</td> <td>P</td> <td>04 02 37.1</td> <td>-0.4</td>	P	P	04 02 37.1	-0.4
KAPI	Kappang	47.22 276 <td>LR</td> <td>LR</td> <td>04 21 06.7</td> <td></td>	LR	LR	04 21 06.7	
KAPI	Kappang	47.22 276 <td>eP</td> <td>P</td> <td>04 02 39.5</td> <td>-0.9</td>	eP	P	04 02 39.5	-0.9
NWAO	Narrogin (SRO)	48.98 336 <td>P</td> <td>P</td> <td>04 02 53.1</td> <td>-0.7</td>	P	P	04 02 53.1	-0.7
RKT	Rikitea	55.66 310 <td>eLR</td> <td>LR</td> <td>04 20 14.4</td> <td></td>	eLR	LR	04 20 14.4	
MIJAR	Matsushiro Arr	56.80 332 <td>P</td> <td>P</td> <td>04 03 50.4</td> <td>-0.9</td>	P	P	04 03 50.4	-0.9
LEM	Lembang	58.60 270 <td>P</td> <td>P</td> <td>04 04 03.8</td> <td>-0.9</td>	P	P	04 04 03.8	-0.9
KSRS	Korea Array	62.66 326 <td>LR</td> <td>LR</td> <td>04 30 60.0</td> <td></td>	LR	LR	04 30 60.0	
VNDA	Vanda	63.91 181 <td>LR</td> <td>LR</td> <td>04 30 31.0</td> <td></td>	LR	LR	04 30 31.0	
NJ2	Nanjing	64.66 316 <td>PMZ</td> <td>LR</td> <td>04 04 45.3</td> <td>+0.4</td>	PMZ	LR	04 04 45.3	+0.4
USRK	Ussuriysk Arr	65.78 339 <td>P</td> <td>P</td> <td>04 04 52.5</td> <td>+0.7</td>	P	P	04 04 52.5	+0.7
USRK	Ussuriysk Arr	65.78 339 <td>P</td> <td>LR</td> <td>04 31 38.8</td> <td></td>	P	LR	04 31 38.8	
PETK	Petropavlovsk-	66.97 354 <td>LR</td> <td>LR</td> <td>04 27 43.7</td> <td></td>	LR	LR	04 27 43.7	
IPM	Ipoh	67.78 281 <td>eP</td> <td>P</td> <td>04 05 04.6</td> <td>-0.8</td>	eP	P	04 05 04.6	-0.8
CN2	Changchun	68.55 329 <td>eP</td> <td>P</td> <td>04 05 09.6</td> <td>+0.1</td>	eP	P	04 05 09.6	+0.1
CN2	Changchun	68.55 329 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		
KLR	Kul'dur	69.89 336 <td>P</td> <td>P</td> <td>04 05 18.4</td> <td>+0.7</td>	P	P	04 05 18.4	+0.7
GSI	Gumungotiso	70.24 276 <td>eP</td> <td>P</td> <td>04 05 20.1</td> <td>-0.5</td>	eP	P	04 05 20.1	-0.5
GYA	Guiyang	70.81 305 <td>eP</td> <td>P</td> <td>04 05 24.5</td> <td>+0.5</td>	eP	P	04 05 24.5	+0.5
GYA	Guiyang	70.81 305 <td>eP</td> <td>PcP</td> <td>04 05 56.4</td> <td>+1.2</td>	eP	PcP	04 05 56.4	+1.2
GYA	Guiyang	70.81 305 <td>eP</td> <td>PP</td> <td>04 06 10.0</td> <td>+3.1</td>	eP	PP	04 06 10.0	+3.1
GYA	Guiyang	70.81 305 <td>eP</td> <td>PP</td> <td>04 08 04.8</td> <td>+3.4</td>	eP	PP	04 08 04.8	+3.4
GYA	Guiyang	70.81 305 <td>eP</td> <td>S</td> <td>04 14 27.8</td> <td>-9.3</td>	eP	S	04 14 27.8	-9.3
GYA	Guiyang	70.81 305 <td>eP</td> <td>SKIP</td> <td>04 15 11.0</td> <td>+6.7</td>	eP	SKIP	04 15 11.0	+6.7
KMI	Kunming	73.44 302 <td>P</td> <td>P</td> <td>04 05 53.3</td> <td>+1.3</td>	P	P	04 05 53.3	+1.3
KMI	Kunming	73.44 302 <td>P</td> <td>Pmax</td> <td></td> <td></td>	P	Pmax		
KMI	Kunming	73.44 302 <td>P</td> <td>Pmax</td> <td></td> <td></td>	P	Pmax		
KMI	Kunming	73.44 302 <td>P</td> <td>PMZ</td> <td>04 05 41.0</td> <td>+1.1</td>	P	PMZ	04 05 41.0	+1.1
KMI	Kunming	73.44 302 <td>P</td> <td>PMZ</td> <td></td> <td></td>	P	PMZ		
CMAR	Chiang Mai Arr	74.15 294 <td>eP</td> <td>P</td> <td>04 05 44.6</td> <td>+0.7</td>	eP	P	04 05 44.6	+0.7
CMAR	Chiang Mai Arr	74.15 294 <td>eP</td> <td>P</td> <td>04 05 45.4</td> <td>+1.3</td>	eP	P	04 05 45.4	+1.3
CMAR	Chiang Mai Arr	74.15 294 <td>eP</td> <td>P</td> <td>04 39 24.2</td> <td></td>	eP	P	04 39 24.2	
CHTO	Chiang Mai	74.31 294 <td>eP</td> <td>P</td> <td>04 05 44.3</td> <td>-0.5</td>	eP	P	04 05 44.3	-0.5
CHTO	Chiang Mai	74.31 294 <td>eP</td> <td>P</td> <td>04 05 58.0</td> <td>+2.3</td>	eP	P	04 05 58.0	+2.3
CHTO	Chiang Mai	74.31 294 <td>eP</td> <td>P</td> <td>04 05 48.1</td> <td>+2.3</td>	eP	P	04 05 48.1	+2.3
HHC	Hu-ho-hao-tse	74.54 320 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		
HHC	Hu-ho-hao-tse	74.54 320 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		
HHC	Hu-ho-hao-tse	74.54 320 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		
GSPA	South Pole Base	76.35 180 <td>eP</td> <td>P</td> <td>04 05 56.0</td> <td>+0.1</td>	eP	P	04 05 56.0	+0.1
LZH	Lanzhou	77.34 312 <td>eP</td> <td>P</td> <td>04 06 03.7</td> <td>+1.7</td>	eP	P	04 06 03.7	+1.7
LZH	Lanzhou	77.34 312 <td>eP</td> <td>sP</td> <td>04 06 35.3</td> <td>+2.2</td>	eP	sP	04 06 35.3	+2.2
LZH	Lanzhou	77.34 312 <td>eP</td> <td>sP</td> <td>04 06 49.0</td> <td>+3.2</td>	eP	sP	04 06 49.0	+3.2
ULN	Ulaanbatay	81.07 324 <td>eP</td> <td>P</td> <td>04 06 22.4</td> <td>+0.4</td>	eP	P	04 06 22.4	+0.4
SONM	Songino Array	81.43 324 <td>P</td> <td>P</td> <td>04 06 23.8</td> <td>-0.1</td>	P	P	04 06 23.8	-0.1
SONM	Songino Array	81.43 324 <td>P</td> <td>LR</td> <td>04 40 59.6</td> <td></td>	P	LR	04 40 59.6	
TTA	Tatiana	81.61 16 <td>eP</td> <td>P</td> <td>04 06 27.3</td> <td>+2.8</td>	eP	P	04 06 27.3	+2.8
GTA	Gataina	81.67 314 <td>eP</td> <td>P</td> <td>04 06 26.5</td> <td>+1.1</td>	eP	P	04 06 26.5	+1.1
GTA	Gataina	81.67 314 <td>eP</td> <td>sP</td> <td>04 06 58.4</td> <td>+2.2</td>	eP	sP	04 06 58.4	+2.2
GTA	Gataina	81.67 314 <td>eP</td> <td>sP</td> <td>04 07 12.3</td> <td>+3.2</td>	eP	sP	04 07 12.3	+3.2
GTA	Gataina	81.67 314 <td>eP</td> <td>sS</td> <td>04 16 28.0</td> <td>-7.8</td>	eP	sS	04 16 28.0	-7.8
GTA	Gataina	81.67 314 <td>eP</td> <td>PMZ</td> <td>04 17 17.7</td> <td>+2.8</td>	eP	PMZ	04 17 17.7	+2.8
GTA	Gataina	81.67 314 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		
GTA	Gataina	81.67 314 <td>eP</td> <td>PMZ</td> <td></td> <td></td>	eP	PMZ		

Table with 5 columns: ABTA, Abfalterbach, 5.83 312, Pn, 05 39 49.0 +0.6

IDC 10 05:42:27.4.6.1, 21'45S-170'85E, h0km, mb3.4/2, mb1 3.6/2, mb1mx3.5/30, mbtmp3.4/2, Error ellipse: s-maj=273.8km s-min=53.9km az=152.0, Southeast of Loyalty Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

NEIC 10 05:42:33.9, 59'36N, 135'15W, h0km, mb4.5/75, MW4.4, ML4.2(AEIC), MW4.7(OTT), Moment Tensor Solution. s21 Moment tensor: Scale 10^15Nm; Mw:4.59; M0:0.00; Mw-4.59; Mw:0.31; Mw-0.26; Mw:0.81; Best double couple: Mw:4.700000, 1015; NP1:180.00000, 84.000000, 185.000000; NP2:187.00000, 85.000000, 79.000000; Principal axes: T 4.6800, P1g84.0000, Azm30.0000; N 0.0000, P1g3.0000, Azm184.0000; P -4.6800, P1g5.0000, Azm94.0000; After AEIC.

NEIC Felt [IV] at Skagway, [III] at Haines and [II] at Juneau. Also felt at Douglas and Sitka. Felt at Whitehorse, Canada.

BUJ 10 05:42:33.5, 59'40N, 135'20W, h5km, mb4.9/30, mB5.3/17, Ms5.2/6, Ms7.4/4

IDC 10 05:42:35.0, 0.4, 59'44N, 135'01W, h0km, mb4.4/30, mb1 4.5/36, mb1mx4.4/57, mbtmp4.4/36, ML4.4/6, MS3.7/17, Ms1 3.8/17, ms1mx3.6/45, Error ellipse: s-maj=12.3km s-min=6.2km az=36.0

ISCJB 10 05:42:34.8, 0.1, 59'44N, 0.02, 135'18W, 0.03, h10km, mb4.5/88, MS3.7/14, Error ellipse: s-maj=3.0km s-min=1.3km az=34.9

PGC 10 05:42:34.6, 0.0, 59'33N, 135'16W, h1km, ML4.6/12, Mw4.7, 24km Nne of Haines, Ak Southeastern Alaska

MOS 10 05:42:35.0, 0.9, 59'53N, 135'08W, h12km, mb4.8/29, Error ellipse: s-maj=14.6km s-min=5.1km az=109.4

ISC 10 05:42:35.9, 0.3, 59'39N, 0.03, 135'16W, 0.03, h10km, m637, s1929/643, mb4.6/89, MS3.7/14, 8C-7D,

Main table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

Main table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

Main table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

MDND	Maddock	23.73 103	P	P	05 47 49.0 +1.1
MDND	Maddock	23.73 103	eP	P	05 47 49.7 +1.7
E27A	Carson	23.75 108	P	P	05 47 49.3 +1.1
G25A	Newell	23.76 113	P	P	05 47 49.1 +0.8
DUG	Dugway	23.82 134	eP	P	05 47 51.2 +2.2
DUG	Dugway	23.82 134	eP	pmx	05 47 50.8 +1.9
DUG	Dugway	23.82 134	eP	P	05 47 51.1 +2.2
F27A	Lemmon	23.93 110	P	P	05 47 50.7 +0.8
B30A	Myrvik Farm, E	23.97 101	P	P	05 47 50.9 +0.6
E28A	Huff	24.07 107	P	P	05 47 51.9 +0.7
ULM	Lac du Bonnet	24.08 95	P	P	05 47 51.6 +0.4
ULM	Lac du Bonnet	24.08 95	P	LR	05 47 51.6 +0.4
ULM	Lac du Bonnet	24.08 95	P	LR	05 47 51.6 +0.4
ULM	Lac du Bonnet	24.11 94	P	P	05 47 51.4 +0.2
H25A	Fruitland	24.11 94	P	P	05 47 52.7 +1.1
ILON	Igloolik, Nuna	24.26 44	P	P	05 47 52.9 +0.2
D29A	Pettibone, Tap	24.27 105	P	P	05 47 53.7 +0.7
RSSD	Black Hills	24.28 115	eP	P	05 47 54.5 +1.1
RSSD	Black Hills	24.28 115	eP	pmx	05 47 54.5 +1.1
RSSD	Black Hills	24.28 115	eP	P	05 47 54.5 +1.1
NLU	North Lily Min	24.30 133	eP	P	05 47 56.0 +2.4
K22A	Casper	24.31 121	P	P	05 47 54.2 +0.6
K22A	Casper	24.31 121	eP	P	05 47 54.2 +0.6
B31A	Greenbush Farm	24.33 100	P	P	05 47 53.7 +0.2
G27A	Dupree	24.33 110	P	P	05 47 54.0 +0.3
C30A	Mose, Pekin	24.39 102	P	P	05 47 54.5 +0.3
MPU	Maple Canyon	24.41 132	eP	P	05 47 56.4 +1.8
H26A	Fairpoint	24.40 113	P	P	05 47 55.8 +0.6
I25A	Rochford	24.50 115	P	P	05 47 56.4 +1.1
R11A	Troy Canyon, C	24.50 141	P	P	05 47 57.0 +1.6
R11A	Troy Canyon, C	24.50 141	eP	P	05 47 58.1 +2.7
MTUM	Tungsten Hills	24.52 147	eP	P	05 47 57.3 +1.8
F28A	McLaughlin	24.54 108	P	P	05 47 56.2 +0.7
E29A	Napoleon	24.59 106	P	P	05 47 56.9 +0.9
A32A	Rocking H Ranch	24.59 98	P	P	05 47 57.9 +1.9
D30A	Buchanan	24.66 104	P	P	05 47 57.6 +1.1
C31A	Landman Farms,	24.71 101	P	P	05 47 57.7 +0.8
LRV	Little Rabbit	24.75 152	eP	P	05 47 59.2 +1.8
H27A	Howes	24.81 112	P	P	05 47 58.8 +0.8
B32A	Ashes, Strandq	24.91 99	P	P	05 47 59.8 +1.0
E30A	Jud	25.00 105	P	P	05 48 00.6 +1.0
F29A	Eureka	25.02 107	P	P	05 48 01.0 +1.2
G28A	Parade	25.04 110	P	P	05 48 01.2 +1.2
A33A	Warroad	25.14 97	P	P	05 48 01.6 +0.7
GRAC	Grapevine Rang	25.19 145	P	P	05 48 03.9 +2.5
EUNU	Eureka	25.21 18	P	P	05 48 03.3 +1.9
I27A	Quinn	25.25 113	P	P	05 48 02.6 +0.7
P18A	Preston Nutter	25.28 130	eP	P	05 48 03.2 +0.7
H28A	Mission Ridge	25.29 110	P	P	05 48 03.1 +0.8
RCTC	Rector, Farmer	25.31 149	P	P	05 48 04.3 +1.9
AGMN	Agassiz Nation	25.32 98	P	P	05 48 03.0 +0.6
J26A	Sides Ranch, S	25.35 115	P	P	05 48 03.5 +0.6
E31A	Nome	25.47 104	P	P	05 48 04.6 +0.7
B33A	Robert and Kas	25.47 98	P	P	05 48 04.5 +0.6
CWC	Cottonwood Cre	25.50 147	P	P	05 48 05.6 +1.2
MSU	Marysvale	25.53 135	eP	P	05 48 05.7 +1.0
MSU	Marysvale	25.53 135	eP	P	05 48 05.7 +1.0
TPNV	Topopah Spring	25.57 143	eP	P	05 48 06.9 +1.8
TPNV	Topopah Spring	25.57 143	eP	pmx	05 48 06.9 +1.8
TPNV	Topopah Spring	25.57 143	P	P	05 48 06.0 +0.9
TPNV	Topopah Spring	25.57 143	eP	P	05 48 06.9 +1.8
SRU	San Rafael	25.62 131	eP	pmx	05 48 07.7 +2.2
SRU	San Rafael	25.62 131	eP	pmx	05 48 07.7 +2.2
O20A	White River Ci	25.65 127	P	P	05 48 06.3 +0.5
PTRM	Twissleman Ran	25.68 151	eP	P	05 48 08.4 +2.5
H29A	Onida	25.71 109	P	P	05 48 06.8 +0.7
I28A	Midland	25.72 112	P	P	05 48 06.8 +0.6
F31A	Hecla	25.78 105	P	P	05 48 07.4 +0.7
VES	Vestal, Richgr	25.79 149	P	P	05 48 08.8 +2.0
DAC	Darwin (Calif)	25.80 146	eP	pmx	05 48 07.9 +0.8
DAC	Darwin (Calif)	25.80 146	eP	pmx	05 48 07.8 +0.8
DAC	Darwin (Calif)	25.80 146	eP	P	05 48 07.8 +0.8
B34A	Aery, Baudette	25.81 97	P	P	05 48 07.6 +0.7
G30A	Faulkton	25.86 107	P	P	05 48 08.9 +1.4
PHWY	Pilot Hill	25.87 121	eP	P	05 48 08.6 +0.7
J27A	Elkhorn Farm,	25.89 114	P	P	05 48 08.9 +1.1
CCUT	Cedar City	25.97 138	eP	P	05 48 11.6 +2.9
N23A	Red Frontier La	25.99 122	P	P	05 48 09.5 +0.5
MPMC	Manus Prospec	26.03 146	P	P	05 48 11.4 +2.2
D33A	AnnSam, Waubun	26.09 100	P	P	05 48 09.3 +0.2
I29A	Vivian Onida	26.12 111	P	P	05 48 10.6 +0.8
J28A	Allard Ranch,	26.12 113	P	P	05 48 11.0 +1.1
ISA	Isabella	26.12 148	eP	pmx	05 48 10.8 +0.9
ISA	Isabella	26.12 148	eP	pmx	05 48 10.8 +0.9
ISA	Isabella	26.12 148	eP	P	05 48 12.3 +2.4
ISA	Isabella	26.12 148	eP	P	05 48 10.8 +0.9
SOLO	Sioux Lookout	26.16 92	P	P	05 48 10.5 +0.4
PKLO	Pickle Lake	26.16 88	P	P	05 48 12.7 +1.4
BILL	Bilbino	26.31 314f	eP	P	05 48 17.5
BILL	Bilbino	26.31 314f	eP	P	05 48 17.5
BILL	Bilbino	26.31 314f	eP	P	05 48 17.5
BILL	Bilbino	26.31 314f	eP	P	05 48 52.0

BILL	comp=Z,15nm,0.8s		pmx	pmx	
BILL	comp=Z,169nm,15.0s		MLR	MLR	
BILL	comp=Z,18nm,1.0s	26.31 314	eP	P	05 48 12.4 +1.1
F32A	Veblen	26.33 104	P	P	05 48 12.5 +0.8
B35A	Bob, Littlefor	26.36 96	P	P	05 48 12.6 +0.7
E33A	Westby DABS, E	26.45 102	P	P	05 48 13.9 +1.2
SUSD	South Dakota S	26.46 108	P	P	05 48 13.7 +0.9
LRMC	Laurel Mountai	26.52 147	P	P	05 48 15.4 +1.9
SHOC	Shoshone	26.53 144	P	P	05 48 16.1 +2.5
J29A	Okreek	26.57 111	P	P	05 48 14.6 +0.7
G32A	Webster	26.58 105	P	P	05 48 14.4 +0.4
I30A	Oacoma	26.62 110	P	P	05 48 15.1 +0.8
C35A	Jirik Farms, M	26.66 98	P	P	05 48 16.2 +1.5
PV09	Paradox Valley	26.69 130	eP	P	05 48 16.4 +1.0
F33A	5 Mile Ranch	26.67 103	P	P	05 48 18.2 +2.6
GSC	Goldstone	26.93 145	eP	pmx	05 48 19.6 +2.3
GSC	Goldstone	26.93 145	eP	pmx	05 48 19.6 +2.3
GSC	Goldstone	26.93 145	eP	P	05 48 19.6 +2.3
D35A	Remer	27.04 99	P	P	05 48 19.0 +1.0
K29A	Lazy Trails An	27.06 112	P	P	05 48 19.5 +1.1
TUQ	Turquoise Moun	27.07 144	P	P	05 48 19.9 +1.4
G33A	Ortonville	27.15 104	P	P	05 48 21.8 +2.8
H32A	Carlson Farm,	27.15 106	P	P	05 48 19.8 +0.7
E35A	Pequot Lakes	27.22 100	P	P	05 48 20.1 +0.5
PV01	Paradox Valley	27.23 130	eP	P	05 48 21.1 +1.0
H33A	Prehn Over Nor	27.37 105	P	P	05 48 21.6 +0.5
D36A	Goodland	27.42 98	P	P	05 48 21.9 +0.4
GMRC	Granite Mounta	27.76 144	P	P	05 48 25.9 +1.2
D37A	Cotton	27.81 97	P	P	05 48 25.8 +0.8
H34A	Spellman Lake,	27.85 104	P	P	05 48 25.4 0.0
MVCO	Mesa Verde	28.06 130	P	P	05 48 28.3 +0.8
N28A	Pribbeno Ranch	28.12 117	P	P	05 48 28.0 +0.2
ECSD	EROS Data Cent	28.12 107	P	P	05 48 27.8 0.0
ECSD	EROS Data Cent	28.12 107	eP	P	05 48 27.9 +0.2
O28A	Krulsinger Ran	28.46 118	P	P	05 48 31.4 +0.5
WUAZ	Wupatki	28.49 136	P	P	05 48 32.5 +1.2
PFO	Pinyon Flat Ob	28.62 146	LR	LR	06 00 53.5
L32A	Elgin	28.74 111	P	P	05 48 34.1 +0.8
P28A	Saint Francis	28.92 118	P	P	05 48 35.9 +0.9
SPMN	St. Paul	28.95 100	P	P	05 48 35.2 +0.2
L33A	Hoskins	28.97 110	P	P	05 48 35.9 +0.5
Y12C	Blythe	29.06 143	P	P	05 48 37.7 +1.6
BGNE	Belgrade	29.13 112	P	P	05 48 37.2 +0.4
BGNE	Belgrade	29.13 112	eP	P	05 48 37.8 +1.0
P29A	Atwood	29.27 117	P	P	05 48 38.7 +0.6
SWSC	Sam W. Stewart	29.43 145	P	P	05 48 41.2 +1.7
K35A	Storm Lake	29.55 106	P	P	05 48 41.0 +0.6
L34A	Svendsen Farm,	29.56 109	P	P	05 48 41.2 +0.6
O31A	Woolen Ranch,	29.57 115	P	P	05 48 41.5 +0.9
P30A	Selden	29.63 116	P	P	05 48 41.9 +0.6
Q29A	Oakley	29.82 118	P	P	05 48 44.2 +1.2
R28A	Tribune	29.90 120	P	P	05 48 44.5 +0.8
O32A	Brockman Farm,	29.97 113	P	P	05 48 45.0 +0.7
K36A	Gilmore City	30.00 106	P	P	05 48 45.4 +1.0
P31A	Stockton	30.04 115	P	P	05 48 45.9 +1.0
R29A	Marienthal	30.13 119	P	P	05 48 46.5 +0.8
COWI	Conover	30.20 95	eP	P	05 48 45.5 +0.7
K37A	Belmond	30.30 105	P	P	05 48 47.6 +0.5
P32A	Huiting Farm,	30.32 114	P	P	05 48 48.0 +0.6
N34A	Lincoln	30.36 110	P	P	05 48 48.5 +0.8
O33A	Hebron	30.44 113	P	P	05 48 49.2 +0.9
CBKS	Cedar Bluff	30.45 117	P	P	05 48 48.6 +0.1
R30A	Dighton	30.63 118	P	P	05 48 51.2 +1.1
L37A	Phoenix Point,	30.72 106	P	P	05 48 51.5 +0.7
N35A	Tabor	30.76 109	P	P	05 48 51.9 +0.8
O34A	Beatrice	30.78 111	P	P	05 48 51.6 +0.3
ANMO	Albuquerque	30.84 130	LR	LR	06 01 42.7
ANMO	Albuquerque	30.84 130f	eP	pmx	05 48 53.2 +1.1
ANMO	Albuquerque	30.84 130f	eP	pmx	05 48 53.2 +1.1
Q32A	Meitler Ranch,	30.85 115	P	P	05 48 53.2 +1.2
P33A	Williams Farm,	30.90 113	P	P	05 48 53.5 +1.1
R31A	Galt	30.97 117	P	P	05 48 54.3 +1.2
S30A	Montezuma	31.08 119	P	P	05 48 55.3 +1.2
M37A	Trindle Farm,	31.12 107	P	P	05 48 55.1 +1.0
N36A	Muff Farm, Cla	31.12 109	P	P	05 48 55.1 +0.8
Q33A	Cornelly Farm,	31.18 114	P	P	05 48 55.8 +0.9
R32A	Long Quarter,	31.24 116	P	P	05 48 56.3 +0.9
214A	Organ Pipe Nat	31.26 141	P	P	05 48 57.8 +2.2
KAPO	Kapusking	31.40 85	P	P</	

Table with columns for station name, frequency, power, and other technical details. Includes stations like SP5I Sidrap Palu, KAP1 Kappang, WBSI Waikabubak, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARPS Mount Arapiles, MGCD Mangrove Creek, UTHA Uthaitani, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK comp=N,12nm,1.2s, YAK comp=E,7.0nm,1.1s, MK01 Makanchi Array, etc.

KRSC 10 06:11:18.6i,0.9,55:52N,162:66E,h79m,13km,ML4.9
BUJ 10 06:11:19.2,55:50N,162:67E,h89m,mb4.7/23,mb5.2/19,
Ms4.9/12,Ms7.4/5.7
MOS 10 06:11:21.1,1.1,3.55:53N,162:33E,h82km,mb4.5/31,Error
ellipse: s-maj=7.3km,s-min=4.7km,az=83.9
NEIC 10 06:11:22.0,0.7,55:64N,162:20E,h72km,7km,mb4.9/55,
Error ellipse: s-maj=7.1km,s-min=3.9km,az=167.0
IDC 10 06:11:22.5,2.7,55:73N,162:16E,h70km,28km,mb3.9/25,
mb1.4/29,mb1mx4.1/35,mbtop4.3/29,MS3.6/20,
Ms1.3/6.20,ms1mx3.5/36,Error ellipse: s-maj=15.3km
s-min=9.9km,az=158.0
ISCJB 10 06:11:22.3,0.2,55:55N,0:02,162:23E,0:04,h91km,2km,
mb4.6/81,Error ellipse: s-maj=4.1km,s-min=2.9km
az=135.5
ISC 10 06:11:22.4,0.5,55:53N,0:03,162:41E,0:03,h78km,4km,
n293,1640/327,mb4.6/83,12C-4D,Near east coast of

Table with columns for Code, Station Name, Phase ID, Time, Res, and other technical details. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like KRSR, KMNK, KMNK, KLY, KLY, KLY, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like USRK, RSO, RSO, SPU, OHAK, BPAW, KDAA, KDAA, KDAA, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like SPB2, SPB3, SPB3, EDM, EDM, EDM, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KSH, KKAR, MSU, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CONA, BRTR, UOSS, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MDT, EKA, SCHO, etc.

Table with columns: STATION, TIME, RES, and other parameters. Includes stations like KURBB, MK31, MKAR, MKAR.

ISCJB 10 08:56:04.7-1.4, 44.05N-108:146:90E-0.10, h83km, 8km, Error ellipse: s-maj=16.4km s-min=6.5km az=139.1

Main table for station data in the 409 section, including columns for Code, Station Name, Time, Res, and various parameters.

GUC 10 09:12:53.1-0.4, 19:57S-70:61W, h38km, 2km, ML3.6, 2D, Near coast of northern Chile

Table for station data in the GUC section, including stations like PSGC, PB11, MNMC, etc.

ISCJB 10 09:12:58.0-0.6, 39:15N-101:00:88E-0.06, h10km, mb3.5/2, MS2.7/1, Error ellipse: s-maj=8.6km s-min=4.6km az=42.1

IDC 10 09:12:59.5-2.8, 39:11N-101:01E, h0km, mb3.4/2, mb1.3/6, mb1mx3.4/4, mbmtpp3.5/6, ML3.3, MS2.9/3, Ms1.3/0.3, ms1mx2.5/4, Error ellipse: s-maj=52.5km s-min=24.5km az=18.0

BUI 10 09:13:01.2-0.29, 28N-100:84E, h6km, ML3.8/1.3, Ms3.6/3, Ms7.3/3.1

ISC 10 09:13:00.7-0.9, 39:13N-100:88E-0.07, h10km, n12, c#142/12, 1C, Gansu

Main table for station data in the 409 section, including stations like GTA, LZH, LZH, LZH, etc.

MOS 10 09:14:57.3-1.4, 54:94N-109:68E, h10km, mb4.1/1, Error ellipse: s-maj=75.8km s-min=27.8km az=140.4

BYKL 10 09:14:57.6-0.3, 54:79N-109:64E

ISC 10 09:14:57.6-1.2, 54:76N-109:90E-0.03, h5km, 10km, n29, c#250/54, 4C-2D, Lake Baykal region

Table with columns: Code, Station Name, Time, Res, and other parameters.

Table with columns: STATION, TIME, RES, and other parameters. Includes stations like YLYR, NIZ, NIZ, NIZ, etc.

YLYR Ulyunkhan 0.74 80 P/Pg P/Sb 09 15 12.9 +1.1 09 15 24.3 +0.9

YLYR 62nm,0.1s Smax

NIZ Nizh Angarsk 1.04 349 e/Pg P/Sg 09 15 16.3 -1.3 09 15 29.5 -1.6 09 15 36.2

NIZ 32nm,0.2s max

NIZ 103nm,0.2s

SYVR Suvo 1.10 177 P/Pg P/Sg 09 15 18.7 0.0 09 15 34.3 +1.3 09 15 39.5

SYVR 37nm,0.3s max

SYVR 310nm,0.5s max

KMO KMO KMO KMO 80nm,0.2s Smax

YOA Uoyan 1.73 36 e/Sg P/Sg 09 15 23.4 -0.2 09 15 24.9 +1.4 09 15 42.4 +0.8

YOA 186nm,0.8s max

YOA 628nm,0.5s max

OGRR Ongureny 1.76 232 e/Pg P/Sn 09 15 28.0 -0.7 09 15 29.7 09 15 50.8 -0.7

OGRR 41nm,0.1s Smax

OGRR 204nm,0.2s Smax

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 29.0 +0.3 09 15 29.7 09 15 52.3

OGRR 37nm,0.3s pmax

OGRR 310nm,0.5s pmax

OGRR 80nm,0.2s Smax

YOA Uoyan 1.73 36 e/Sg P/Sg 09 15 23.4 -0.2 09 15 24.9 +1.4 09 15 42.4 +0.8

YOA 186nm,0.8s max

YOA 628nm,0.5s max

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 28.0 -0.7 09 15 29.7 09 15 50.8 -0.7

OGRR 41nm,0.1s Smax

OGRR 204nm,0.2s Smax

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 29.0 +0.3 09 15 29.7 09 15 52.3

OGRR 37nm,0.3s pmax

OGRR 310nm,0.5s pmax

OGRR 80nm,0.2s Smax

YOA Uoyan 1.73 36 e/Sg P/Sg 09 15 23.4 -0.2 09 15 24.9 +1.4 09 15 42.4 +0.8

YOA 186nm,0.8s max

YOA 628nm,0.5s max

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 28.0 -0.7 09 15 29.7 09 15 50.8 -0.7

OGRR 41nm,0.1s Smax

OGRR 204nm,0.2s Smax

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 29.0 +0.3 09 15 29.7 09 15 52.3

OGRR 37nm,0.3s pmax

OGRR 310nm,0.5s pmax

OGRR 80nm,0.2s Smax

YOA Uoyan 1.73 36 e/Sg P/Sg 09 15 23.4 -0.2 09 15 24.9 +1.4 09 15 42.4 +0.8

YOA 186nm,0.8s max

YOA 628nm,0.5s max

OGRR Ongureny 1.76 232 e/Pn Pn 09 15 28.0 -0.7 09 15 29.7 09 15 50.8 -0.7

Table with columns: Code, Station Name, Time, Res, and other parameters.

Table with columns: ORL, STATION, TIME, RES, and other parameters. Includes stations like ORL, ORL, ORL, etc.

DJA 10 09:22:39.2-0.5, 1°N, 6°E, h10km, M3.8/4, mb3.4/1, MLV4.0/4, Northern Molucca Sea

Table for station data in the DJA section, including stations like TNTI, LBMI, GTOI, etc.

BGR 10 09:22:06.1, 21:57S, 177:33W, h33km

MOS 10 09:23:04.9-0.9, 20:19S, 177:97W, h522km, mb5.1/4/2, Error ellipse: s-maj=9.3km s-min=7.5km az=60.3

ISCJB 10 09:23:07.0-0.6, 20:36S, 177:92W, h548km, 6km, mb5.0/2/9, Error ellipse: s-maj=5.3km s-min=3.0km az=164.9

BUI 10 09:23:07.7, 19:96S, 177:71W, h552km, mb4.9/4/1, mb5.2/2/6

IDC 10 09:23:07.8-1.4, 20:31S, 177:84W, h548km, 15km, mb4.4/3/7, mb1.4/5/40, mb1mx4.5/43, mbmtpp5.3/40, Error ellipse: s-maj=9.0km s-min=8.4km az=149.0

GCMT 10 09:23:08.0-0.4, 20:12S, 177:89W, h566km, 2km, MW5.2/82, Moment Tensor Solution. s82, c112; Duration: 1s0 Moment tensor: Scale 10^17Nm; M0=0.21±0.04; M1=0.17±0.05; Best double couple: M0: 90500x10^17 Np1: 53.00000; 665.00000; 7.73.00000; NP2: 196.00000; 630.00000; 1.23.00000; Principal axes: T: 0.7810, P1: 18.0000; Azm130.0000; N: 0.2490, P1: 16.0000; Azm225.0000; P: -1.0290, P1: 66.0000; Azm354.0000; nsta1 refers to body waves, cutoff=40s.

NEIC 10 09:23:08.7-0.5, 20:32S, 177:96W, h558km, 5km, mb5.1/1/95 Error ellipse: s-maj=4.9km s-min=3.2km az=154.0

NEIC Felt at Suva.

ISC 10 09:23:08.3-0.5, 20:37S, 177:88W, h558km, 5km, n1087, c#96/1188, mb5.1/2/9, 66C-47D, Fiji Islands region

Table for station data in the ISC section, including stations like MSVF, MSVF, MSVF, etc.

MSVF Nonsavu 4.66 304 e/P P 09 24 35.2 -0.8 09 24 35.0 -1.0

MSVF Nonsavu 4.66 304 e/P P 09 24 35.1 -0.8 09 24 35.0 -1.0

MSVF Nonsavu 4.66 304 e/P P 09 24 35.1 -0.8 09 24 35.0 -1.0

AFI Afiamalu 8.67 43 P P 09 25 08.6 -4.6 09 25 08.6 -4.6

AFI Afiamalu 8.67 43 e/P P 09 25 08.5 -4.6 09 25 08.5 -4.6

AFI Afiamalu 8.67 43 e/S P 09 25 08.5 -4.6 09 25 08.5 -4.6

RAO Raoul Island 8.84 180 P S 09 25 12.6 -1.1 09 25 12.6 -1.1

RAO Raoul Island 8.84 180 e/S P 09 25 12.6 -1.1 09 25 12.6 -1.1

RAO Raoul Island 8.84 180 e/S P 09 25 12.6 -1.1 09 25 12.6 -1.1

DZM Mont Dzumac 14.72 261 e/P P 09 26 14.6 -0.4 09 26 14.6 -0.4

DZM Mont Dzumac 14.72 261 P P 09 26 14.6 -0.4 09 26 14.6 -0.4

OZU Omahutu 16.59 205 e/P P 09 26 34.2 +1.4 09 26 34.2 +1.4

RAR Rarotonga 16.95 96 P P 09 26 35.2 -1.1 09 26 35.2 -1.1

RAR Rarotonga 16.95 96 pmax pmax 09 26 36.5 +0.2 09 26 36.5 +0.2

RAR Rarotonga 16.95 96 P P 09 26 36.5 +0.2 09 26 36.5 +0.2

WGMZ Raiomatatini S 17.68 190 e/P P 09 26 42.1 -0.6 09 26 42.1 -0.6

HAZ Te Kaha 17.73 191 P N P 09 26 42.2 -1.0 09 26 42.2 -1.0

MKAZ Moumakai 17.75 199 P N P 09 26 44.9 +1.7 09 26 44.9 +1.7

PUZ Puketiti 17.96 190 P N P 09 26 45.3 +0.1 09 26 47.3 -1.4 09 26 45.7 -2.4

MWZ Matawai 18.34 192 P N S 09 26 46.1 -2.7 09 26 46.1 -2.7

URZ Urewera 18.35 193 P P 09 26 46.1 -2.7 09 26 46.1 -2.7

URZ Urewera 18.35 193 P N P 09 26 46.2 -2.5 09 26 46.2 -2.5

URZ Urewera 18.35 193 e/S N P 09 26 47.2 -1.5 09 26 47.2 -1.5

HIZ Urewera 18.35 193 e/P P 09 26 48.4 +2.3 09 26 48.4 +2.3

BKZ Black Stump Fm 19.35 193 e/P P 09 26 57.2 -0.8 09 26 57.2 -0.8

BKZ Quartz Range 21.97 200 P N P 09 27 02.0 -1.3 09 27 02.0 -1.3

THZ Tophouse 22.71 198 P N P 09 27 27.7 -0.5 09 27 28.3 0.0

THZ Tophouse 22.71 198 e/P P 09 27 28.3 0.0 09 27 28.3 0.0

Table with columns: Code, Station Name, Time, Res, and other parameters.

10d 9h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG Port Moresby, STKA Stephens Creek, and many others.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AMKA Amchitka, ADK Adak, and many others.

410

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MYKOM Kota Tinggi, N02D Trinity Center, and many others.

632A	Uvalde	90.04	59	P	P	09 35 10.0 +0.8
RLMT	Red Lodge	90.12	41	P	P	09 35 10.3 +0.9
733A	Divot King Ran	90.13	59	P	P	09 35 10.3 +0.7
CM01	Chiang Mai Arr	90.15	289	eP	P	09 35 11.5 +1.6
CM31	Chiang Mai Arr	90.18	290	eP	P	09 35 11.9 +1.9
CMAR	Chiang Mai Arr	90.18	290	P	P	09 35 11.9 +1.9
532A	Rocksprings	90.19	58	P	P	09 35 10.2 +0.3
GCMT	Greycliff	90.20	41	eP	P	09 35 11.1 +1.3
331A	San Angelo	90.25	57	P	P	09 35 10.1 -0.1
035Z	Hargill	90.26	62	P	P	09 35 11.2 +1.0
N23A	Red Feather La	90.29	46	P	P	09 35 10.8 +0.4
N23A	Red Feather La	90.29	46	eP	P	09 35 11.3 +0.9
CMMT	Chiang Mai	90.31	290	P	P	09 35 11.8 +1.2
CHTO	Chiang Mai	90.31	290	P	P	09 35 11.9 +1.3
CHTO	Chiang Mai	90.31	290	eP	P	09 35 11.6 +1.0
CHTO	Chiang Mai	90.31	290	eP	P	09 35 11.6 +1.0
930A	Benavides	90.33	61	P	P	09 35 11.5 +1.0
134A	Snyder	90.35	55	P	P	09 35 10.7 +0.1
035A	Encino	90.41	61	P	P	09 35 12.3 +1.4
JCT	Junction City	90.42	58	eP	P	09 35 11.3 +0.4
JCT	Junction City	90.42	58	P	P	09 35 10.8 -0.1
JCT	Junction City	90.42	58	eP	P	09 35 11.3 +0.4
834A	Tilden	90.50	60	P	P	09 35 12.2 +0.9
834A	Sanderson Ranc	90.51	55	P	P	09 35 11.3 0.0
633A	Southoff Ranch	90.51	59	P	P	09 35 12.3 +0.9
432A	Menard	90.58	57	P	P	09 35 11.7 0.0
231A	Bronte	90.59	56	P	P	09 35 11.7 0.0
CMAI	Chiangmai	90.62	291	P	P	09 35 13.5 +1.2
K22A	Casper	90.70	44	eP	P	09 35 12.0 -0.1
K22A	Casper	90.70	44	eP	P	09 35 12.6 +0.4
AMTX	Amarillo	90.74	53	P	P	09 35 12.6 +0.2
AMTX	Amarillo	90.74	53	P	P	09 35 12.2 -0.2
734A	La Parita Cree	90.78	60	P	P	09 35 13.7 +1.2
PHWY	Pilot Hill	90.80	46	eP	P	09 35 13.1 +0.3
CD2	Chengdu	90.82	303	eP	P	09 35 13.6 +0.8
CD2	Chengdu	90.82	303	eP	P	09 39 01.2 +2.2
CD2	Chengdu	90.82	303	eP	P	09 45 25.4 +3.0
CD2	Chengdu	90.82	303	eP	P	09 51 42.8 +0.1
CD2	Chengdu	90.82	303	eP	P	09 35 13.1 +0.3
332A	Millersview	90.82	57	P	P	09 35 12.9 +0.1
131A	Roby	90.83	55	P	P	09 35 13.3 +0.3
533A	Kerrville	90.87	58	P	P	09 35 13.3 +0.3
Y30A	Stafford Ctr	90.92	54	P	P	09 35 14.1 0.0
433A	Art	91.09	58	P	P	09 35 14.0 -0.1
232A	Coleman	91.15	59	P	P	09 35 14.6 +0.3
634A	China Grove, S	91.15	59	P	P	09 35 16.1 +1.8
835A	Beeville	91.15	60	P	P	09 35 14.2 -0.1
X30A	Coker Ranch, T	91.17	54	P	P	09 35 14.5 +0.1
EGMT	Eagleton	91.25	39	eP	P	09 35 15.0 +0.6
EGMT	Eagleton	91.25	39	eP	P	09 35 15.1 +0.2
Z31A	Sharp Cattle R	91.28	55	P	P	09 35 15.4 +0.4
534A	Blanco	91.30	59	P	P	09 35 16.0 +0.7
735A	Kenedy	91.39	60	P	P	09 35 15.7 +0.3
ABTX	Ablene, Hawle	91.39	56	P	P	09 35 15.7 +0.3
ABTX	Ablene, Hawle	91.39	56	eP	P	09 35 15.5 +0.1
333A	Richland Sprin	91.44	54	P	P	09 35 15.6 0.0
Y31A	Riekiera Farm,	91.44	54	P	P	09 35 17.0 +0.5
635A	Leesville	91.62	59	P	P	09 35 17.1 +0.4
U29A	Oasis Ranch, S	91.69	52	P	P	09 35 17.0 +0.3
S28A	Manter	91.70	50	P	P	09 35 17.1 +0.2
233A	Rising Star	91.73	57	P	P	09 35 17.1 0.0
434A	Burnet	91.76	58	P	P	09 35 17.7 +0.6
KSCO	Kaye Shedlock	91.77	49	P	P	09 35 17.9 +0.8
KSCO	Kaye Shedlock	91.77	49	eP	P	09 35 17.5 +0.4
Z32A	Haskell	91.78	55	P	P	09 35 17.9 +0.5
V30A	Spur Ranch, Mi	91.84	53	P	P	09 35 17.9 +0.1
X31A	McDonald Ranch	91.92	54	P	P	09 35 17.0 -0.4
EDM	Edmonton	91.94	33	eP	P	09 35 17.0 -0.4
EDM	Edmonton	91.94	33	eP	P	09 35 18.1 +0.2
133A	Hamilton Ranch	91.94	56	P	P	09 35 17.7 -0.2
T29A	Hugoton	91.96	51	P	P	09 35 18.4 +0.3
334A	Loneia	91.99	57	P	P	09 35 18.7 +0.4
535A	Dale	92.02	59	P	P	09 35 19.6 +1.3
736A	Circle Diamond	92.02	60	P	P	09 35 16.8 -0.7
YAK	Yakutsk	92.04	338	eP	P	09 35 16.2 -1.3
YAK	Yakutsk	92.04	338	eP	P	09 35 16.2 -1.3
YAK	Yakutsk	92.04	338	eP	P	09 35 16.9 -0.7
R28A	Tribune	92.07	50	P	P	09 35 19.0 +0.5
Y32A	R-V Farms, Ver	92.08	55	P	P	09 35 19.0 +0.1
W31A	Holland Ranch,	92.17	53	P	P	09 35 20.1 +0.9
636A	Smothers Creek	92.23	59	P	P	09 35 19.9 +0.5
S29A	Ulysses	92.27	51	P	P	09 35 20.1 +0.5

435B	Jarrell	92.30	58	P	P	09 35 20.1 +0.5
234A	Clairette	92.32	57	P	P	09 35 19.6 -0.1
Z33A	Whitney Ranch	92.33	55	P	P	09 35 19.5 -0.2
Q28A	Sharon Springs	92.35	49	P	P	09 35 20.5 +0.8
X32A	Elmer	92.37	54	P	P	09 35 19.5 -0.2
536A	Bastrop	92.44	59	P	P	09 35 21.1 +0.9
V31A	Spring Creek L	92.48	53	P	P	09 35 21.2 +0.9
134A	White-Moore Ra	92.58	56	P	P	09 35 20.6 -0.2
R29A	Marienthal	92.58	50	P	P	09 35 20.9 +0.1
335A	Moodys	92.61	58	P	P	09 35 20.6 -0.3
P28A	Saint Francis	92.61	49	P	P	09 35 21.2 +0.3
W32A	Sentinel	92.67	54	P	P	09 35 21.4 +0.2
Y33A	Hilltop Ranch,	92.71	55	P	P	09 35 21.7 +0.4
LAO	LASA Array	92.73	41	eP	P	09 35 22.1 +0.9
LAO	LASA Array	92.73	41	eP	P	09 35 22.4 +1.2
S30A	Montezuma	92.76	51	P	P	09 35 22.0 +0.4
LZH	Lanzhou	92.78	307	eP	P	09 35 23.4 +1.5
LZH	Lanzhou	92.78	307	eP	P	09 37 24.6 +0.3
LZH	Lanzhou	92.78	307	eP	P	09 38 18.6 -1.5
LZH	Lanzhou	92.78	307	eP	P	09 35 22.0 +0.4
637A	Eagle Lake	92.80	60	P	P	09 35 23.0 +1.1
J25A	Sunshine Ranch	92.82	45	P	P	09 35 22.0 +0.2
O28A	Krutsinger Ran	92.83	48	P	P	09 35 22.3 +0.4
WHXT	Lak Whitney	92.85	57	P	P	09 35 22.5 +0.4
Q29A	Oakley	92.89	50	P	P	09 35 22.4 +0.3
RSSD	Black Hills	92.98	44	eP	P	09 35 22.6 -0.1
RSSD	Black Hills	92.98	44	eP	P	09 35 22.6 -0.1
OGNE	Ogallala	92.98	47	P	P	09 35 22.9 +0.3
Z34A	Collier Ranch,	93.01	56	P	P	09 35 23.2 +0.4
537A	Green Hill Far	93.05	59	P	P	09 35 24.4 +1.4
135A	Vickery Place,	93.10	57	P	P	09 35 23.7 +0.6
336A	Riesel	93.11	58	P	P	09 35 23.6 +0.4
T31A	Randall Ranch,	93.12	52	P	P	09 35 23.7 +0.5
I25A	Rochford	93.14	44	P	P	09 35 23.6 +0.3
R30A	Dighton	93.15	50	P	P	09 35 23.6 +0.3
P29A	Atwood	93.21	49	P	P	09 35 24.0 +0.4
N28A	Priddy Ranch,	93.22	48	P	P	09 35 23.9 +0.3
J26A	Sides Ranch, S	93.27	45	P	P	09 35 24.4 +0.6
W33A	Caddo, Fort Co	93.27	54	P	P	09 35 24.8 +0.9
U32A	Winter Ranch,	93.34	52	P	P	09 35 24.8 +0.6
Y34A	Reagan Ranch,	93.36	55	P	P	09 35 24.7 +0.3
Q30A	Quinter	93.46	50	P	P	09 35 25.2 +0.4
S31A	Mullinville	93.46	51	P	P	09 35 25.2 +0.4
H25A	Fruitdale	93.48	44	P	P	09 35 25.0 +0.3
O29A	4D Ranch, Culb	93.51	48	P	P	09 35 25.5 +0.5
Z35A	Perchaven, San	93.51	56	P	P	09 35 25.6 +0.6
X34A	Smith Ranch, M	93.54	54	P	P	09 35 25.9 +0.7
Z36A	Katherine and	93.58	57	P	P	09 35 25.9 +0.5
V33A	Lossen Ranch,	93.66	53	P	P	09 35 26.2 +0.5
P30A	Selden	93.67	49	P	P	09 35 26.0 +0.1
R31A	Burdett	93.69	51	P	P	09 35 26.0 +0.1
T32A	Huddler Ranch,	93.70	52	P	P	09 35 26.7 +0.9
I26A	New Underwood	93.71	44	P	P	09 35 26.8 +1.0
CBKS	Cedar Bluff	93.75	50	eP	P	09 35 26.7 +0.7
CBKS	Cedar Bluff	93.75	50	eP	P	09 35 26.9 +0.9
CBKS	Cedar Bluff	93.75	50	eP	P	09 35 26.7 +0.7
136A	Ennis	93.76	57	P	P	09 35 26.6 +0.4
337A	Centerville	93.85	58	P	P	09 35 28.8 +2.2
S32A	Newby Ranch, P	93.90	51	P	P	09 35 27.4 +0.6
N29A	Votaw Ranch, W	93.91	48	P	P	09 35 27.4 +0.7
J27A	Elkhorn Farm,	93.95	45	P	P	09 35 27.8 +0.8
H26A	Fairpoint	94.01	44	P	P	09 35 27.9 +0.8
O30A	MW Ranch, Wils	94.05	49	P	P	09 35 27.8 +0.4
Q31A	Ellis	94.07	50	P	P	09 35 27.8 +0.3
M29A	Burnside Ranch	94.11	47	P	P	09 35 28.8 +0.7
INK	Inuvik	94.12	15	P	P	09 35 25.8 -1.1
INK	Inuvik	94.12	15	eP	P	09 35 25.8 -1.1
INK	Inuvik	94.12	15	eP	P	09 35 25.8 -1.1
F25A	Bowman	94.12	42	P	P	09 35 28.5 +0.9
X35A	Drake	94.12	55	P	P	09 35 28.5 +0.7
Z36A	Blue Ridge	94.13	56	P	P	09 35 28.6 +0.8
Z37A	Washetta, Mont	94.16	58	P	P	09 35 28.7 +0.8
K28A	Ten Mile Ranch,	94.16	46	P	P	09 35 27.8 -0.1
T33A	Patterson Ranc	94.17	52	P	P	09 35 29.1 +0.9
I27A	Quinn	94.26	44	P	P	09 35 29.2 +0.8
P31A	Stockton	94.28	49	P	P	09 35 29.0 +0.3
R32A	Long Quarter,	94.34	51	P	P	09 35 29.3 +0.4
E25A	Miller Ranch,	94.40	42	P	P	09 35 30.2 +1.0
137A	Henry Place, G	94.41	57	P	P	09 35 30.0 +0.7
U34A	Anderson Ranch	94.45	53	P	P	09 35 29.7 +0.5
H27A	Hoves	94.47	44	P	P	09 35 30.1 +0.7
Y36A	Durant	94.47	56	P	P	09 35 29.7 +0.5
W35A	Tecumseh	94.48	54	P	P	09 35 29.7 +0.3

L29A	Maesberg Ranch	94.50	47	P	P	09 35 30.7 +1.3
J28A	Allard Ranch,	94.53	45	P	P	09 35 30.9 +1.3
O31A	Woolen Ranch,	94.56	49	P	P	09 35 30.0 +0.3
F26A	Lodgepole	94.59	43	P	P	09 35 30.0 +0.3
Q32A	Mettler Ranch,	94.66	50	P	P	09 35 30.7 +0.5
X36A	Centrahoma	94.67	55	P	P	09 35 30.7 +0.4
D25A	Fairfield	94.72	41	P	P	09 35 30.9 +0.6
I28A	Midland	94.81	45	P	P	09 35 31.1 +0.4
R33A	Olander Ranch,	94.82	51	P	P	09 35 31.3 +0.4
G27A	Dupree	94.87	43	P	P	09 35 31.3 +0.3
P32A	Huiting Farm,	94.87	50	P	P	09 35 31.8 +0.6
K29A	Lazy Trails An	94.89	46	P	P	09 35 32.1 +0.9
T34A	McClaskey Farm	94.93	52	P	P	09 35 32.1 +0.7
W36A	Wetumka	94.97	54	P	P	09 35 32.3 +0.7
E26A	Carlson Angus	94.98	42	P	P	09 35 32.1 +0.7
L30A	Spencer Herefo	94.98	47	P	P	09 35 32.0 +0.4
Y37A	Hugo					

10d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO3 Boso 3, BSO1 Boso 1, BSO4 Boso 4, etc.

ISC/JB 10 11:11:04.5-0.2, 24.68N-0.02-109.30W, 0.02, h10km, mb4.4/27, MS3.7/8, Error ellipse: s-maj=3.5km s-min=2.3km az=175.6

IDC 10 11:11:05.4-1.1, 24.76N-109.33W, h0km, mb4.0/5, mb1 4.3/10, mb1mx4.0/40, mbmp4.0/10, ML3.5/5, MS3.7/13, Ms1 3.7/13, ms1mx3.4/37, Error ellipse: s-maj=21.7km s-min=14.1km az=117.0

NEIC 10 11:11:06.5-0.5, 24.62N-109.21W, h10km, mb4.3/49, Error ellipse: s-maj=7.2km s-min=6.6km az=206.0

ISC 10 11:11:08.4-0.4, 25.01N-109.56W, h16km, 7m, HD4.2

MEX 10 11:11:05.9-0.5, 24.66N-104.109-30W, 0.04, h10km, n380.1s20/377, mb4.5/27, MS3.7/8, Gulf of California

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations like LPIG La Paz, LPIG Sierra La Lagu, MAIG Mazatlan, etc.

2010 DEC

Main station list table with columns: ANMO, Albuquerque, 10.54, 13, Pn, 11 13 37.1 -0.2, etc. Lists stations like ANMO Albuquerque, ANMO 0.1nm, 0.3s, baz=201, slow=13, SNR=26, etc.

416

Main station list table with columns: MSU, Marysvale, 14.02, 351, ePn, 11 14 28.2 +3.3, etc. Lists stations like MSU Marysvale, W33A Caddo, Fort Co, X34A Smith Ranch, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSU1 Kansas State U, S37A Fort Scott, R36A Gordon, Harris, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F25A Bowman, F26A Lodgepole, G30A Faulkton, etc.

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

IDC 10 11:14:42.07:6.18,91S:176.58W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/26, mbtmp3.4/3, Error ellipse: s-maj=329.7km s-min=37.2km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 10 11:26:15.7:3.5, 8.52S:158.46E, h156km, 50km, mb3.3/4, mb1 3.5/4, mb1mx3.2/28, mbtmp3.7/4, Error ellipse: s-maj=73.2km s-min=23.1km az=138.0, Bougainville-Solomon Islands region

TAP 10 11:36:39.2:24.75N:122.50E, h15km, ML3.0, C JMA 10 11:36:39.0:1, 24.76N:122.52E, h30km, 2km, M2.2

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

IDC 10 11:12:05.2:0.7, 40.02N:107.40E, h5km, 9km, Error ellipse: s-maj=11.2km s-min=4.5km az=3.8 DDA 10 11:12:05.9:4, 07.09N:40.85E, h7km, M2.7 CSEM 10 11:12:05.2:0.3, 40.01N:107.87E, h15km, M2.7, Error ellipse: s-maj=11.6km s-min=5.2km az=14.0

10d 14h

Table with columns: WDT, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JISG, TWQ1, SMLT, TYC, etc.

ISK 10 11:42:58.5, 38.35N, 37.64E, h9km, MD2.9
DDA 10 11:42:58.7, 38.40N, 37.67E, h22km, MD2.8
CSEM 10 11:42:59.2, 0.2, 38.36N, 37.67E, h10km, MD2.8

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

ISC 10 11:54:57.4, 0.8, 15.68N, 119.90E, h0km, mb3.9/14, mb1.4/0.14, mb1mx3.8/55, mbtmp3.9/14, MS3.0/6, Ms1.3/1.6, ms1mx2/8/37, Error ellipse: s-maj=30.0km s-min=16.0km az=69.0

ISC 10 11:55:04.0, 0.9, 15.7N, 0.1, 119.9E, 0.2, h53km, n18, 0.61/14, mb3.9/13, MS2.9/5, Error ellipse: s-maj=21.4km s-min=14.0km az=159.7

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

ISC 10 12:13:52.7, 6.9, 30.58S, 177.96W, h0km, mb3.6/2, mb1.3/9.2, mb1mx3.6/18, mbtmp3.6/2, Error ellipse: s-maj=287.5km s-min=56.8km az=155.0, Kermadec Islands

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

2010 DEC

TAP 10 12:22:43.5, 21.17N, 121.90E, h187km, ML3.7, C, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAY, TSEB, TWK1, etc.

ISC 10 12:36:44.5, 1.9, 6.82S, 148.44E, h0km, mb4.0/5, mb1.4/3.7, mb1mx3.9/32, mbtmp4.1/7, ML4.2/1, Error ellipse: s-maj=69.9km s-min=19.3km az=114.0

ISC 10 12:36:49.8, 1.1, 6.94S, 0.1, 148.3E, 0.2, h47km, mb4.0/6, Error ellipse: s-maj=39.7km s-min=10.3km az=112.0

AUST 10 12:37:13.0, 8.21S, 146.69E, h60km
ISC 10 12:36:51.0, 1.2, 6.85S, 0.1, 148.4E, 0.3, h47km, n19, 0.69/21, mb4.0/5, New Britain region

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

MAN 10 13:03:10, 17.56N, 122.41E, h1km, mb4.6, ML3.5, MS3.5, 1C, Luzon

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

APYP Conner 1.16 285 eP Pg 13 03 32.2 0.0
APYP eS Sn 13 03 50.8 +0.9

ISC 10 13:37:54.8, 0.9, 24.57N, 96.18E, h0km, mb3.7/9, mb1.3/8.0, mb1mx3.5/58, mbtmp3.7/10, ML4.0/1, MS3.0/5, Ms1.3/0.5, ms1mx2.7/42, Error ellipse: s-maj=50.1km s-min=13.4km az=61.0

ISC 10 13:37:57.5, 0.6, 24.50N, 0.09, 96.19E, 0.09, h33km, mb3.7/9, MS2.8/4, Error ellipse: s-maj=15.9km s-min=8.4km az=37.0

ISC 10 13:37:59.0, 8.24, 6N, 0.1, 96.2E, 0.1, h35km, n14, 0.15/112, mb3.7/9, MS2.8/4, Myanmar

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

ISC 10 13:44:38.3, 2.0, 20.69S, 59.37W, h0km, mb1.3/9.4, mb1mx3.6/28, mbtmp3.8/4, ML4.0/4, Error ellipse: s-maj=28.0km s-min=16.3km az=60.0, Paraguay

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

ISC 10 13:54:07.3, 5.7, 18.26S, 174.21W, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.8/25, mbtmp3.9/5, ML3.1/1, MS2.8/3, Ms1.2/8.3, ms1mx2.5/35, Error ellipse: s-maj=21.7km s-min=25.7km az=140.0

ISC 10 13:54:14.4, 0.8, 17.2S, 0.2, 175.0W, 0.2, h35km, mb4.0/5, Error ellipse: s-maj=31.2km s-min=8.1km az=140.4

ISC 10 13:54:16.4, 0.9, 17.20S, 0.2, 175.0W, h35km, mb4.1/2, Error ellipse: s-maj=30.6km s-min=13.4km az=140.0

ISC 10 13:54:16.1, 1.1, 17.2S, 0.2, 175.1W, 0.2, h35km, n17, 0.13/102, mb4.1/5, Tonga Islands

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

JMA 10 13:57:27.0, 35.42N, 136.51E, h15km, M2.9, 4D Broadband fault plane solution: P waves, NP1: 0.302, 0.0000, 0.856, 0.0000; A, 0.00000. NP2: 0.179, 0.0000, 0.851, 0.0000; A, 1.134, 0.0000. Principal axes: T P1g57.0000; Azm154.0000; N P1g33.0000; Azm327.0000; P P1g3.0000; Azm59.0000; Western Honshu

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

ISC 10 14:02:58.3, 41.43N, 35.94E, h9km, MD2.6
DDA 10 14:02:59.0, 41.35N, 35.96E, h13km, MD2.8
ISC 10 14:02:59.0, 41.36N, 35.96E, h13km, MD2.8

ISC 10 14:02:59.0, 41.36N, 35.96E, h13km, MD2.8, Error ellipse: s-maj=6.9km s-min=3.8km az=32.0
CSEM 10 14:02:59.0, 41.37N, 35.97E, h1km, MD2.8, Error ellipse: s-maj=10.1km s-min=5.8km az=36.0, Mining explosion.

Table with columns: KDU, Kakadu, 7.70 188 P, Pn, 16 18 22.9 +0.7, etc. Includes stations like MTN, SANI, SOEI, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc. Includes stations like PB09, PB06, etc.

Main table with columns: PB06, IOPC Station P, 2.92 303, etc. Includes stations like ENA, TWD, HWA, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc. Includes stations like PB09, PB06, etc.

Table with columns: SGST, Jianshan, 1.71 229 eP, Pn, 16 33 06.3 +0.5, etc. Includes stations like JKRK, ECL, SSD, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc. Includes stations like PB09, PB06, etc.

H10N2	ASCESSION HYDR43.85 132	T	T	18 43 04.1	
H10N3	ASCESSION HYDR43.85 132	T	T	18 43 01.0	
H10N1	ASCESSION HYDR43.87 132	T	T	18 43 05.6	
S37A	Firt Scott	4907 300	P	P	17 56 28.8 +0.1
T37A	Cheneyville 18	43.94 299	P	P	17 56 28.7 -0.3
R37A	Teagarden Farm	43.95 301	P	P	17 56 28.9 -0.2
138A	Mattalati Enter	44.01 293	P	P	17 56 29.7 +0.1
U37A	Salina	44.06 298	P	P	17 56 29.3 -0.7
V37A	Hulber	44.06 298	P	P	17 56 29.0 -1.1
U36A	Fitzsimmons Fa	44.11 309	P	P	17 56 29.8 -0.5
E36A	McGregor	44.13 313	P	P	17 56 30.4 0.0
F36A	Milaca	44.15 312	P	P	17 56 30.6 0.0
H36A	Jessenland, He	44.15 310	P	P	17 56 30.5 -0.1
G36A	St. Michael	44.17 311	P	P	17 56 30.8 0.0
C36A	Pine Crest Far	44.17 315	P	P	17 56 30.3 -0.5
K36A	Gilmore City	44.18 307	P	P	17 56 30.6 -0.3
J36A	Seneca 1, Swea	44.21 308	P	P	17 56 30.5 -0.7
O36A	Bolkow	44.22 304	P	P	17 56 30.8 -0.4
X37A	Clayton	44.23 296	P	P	17 56 31.1 -0.3
D36A	Goodland	44.23 314	P	P	17 56 31.1 -0.1
L36A	Harm Buss Farm	44.25 307	P	P	17 56 30.9 -0.6
CWF	Charnwood Fore	44.26 38	eP	P	17 56 30.8 -0.5
M36A	Felix, Anita	44.26 306	P	P	17 56 31.3 -0.3
ATAH	Atahualpa	44.28 230	LR	LR	18 16 13.5
ESK	Eskdalemuir	44.36 34	eP	pmax	17 56 30.7 -1.4
ESK	Eskdalemuir	44.36 34	eP	P	17 56 30.6 -1.4
438A	Sam Houston St	44.42 290	P	P	17 56 32.9 -0.1
Y37A	Hugo	44.43 295	P	P	17 56 33.0 -0.1
R36A	Gordon, Harris	44.48 301	P	P	17 56 32.8 -0.6
Q36A	Arnold C. Orve	44.49 302	P	P	17 56 33.2 -0.2
S36A	Lake Cedric, C	44.51 300	P	P	17 56 33.0 -0.6
H10S3	ASCESSION HYDR44.55 133	T	T	18 43 58.0	
H10S1	ASCESSION HYDR44.55 133	T	T	18 43 58.1	
U36A	Oologah	44.56 298	P	P	17 56 33.4 -0.6
H10S2	ASCESSION HYDR44.56 133	T	T	18 43 59.4	
TUL1	Tulsa	44.59 298	P	P	17 56 34.2 -0.1
TUL1	Tulsa	44.59 298	eP	P	17 56 32.9 -1.4
G35A	Watkins	44.67 311	P	P	17 56 34.5 -0.3
T36A	Boggs Farm, Ca	44.70 299	P	P	17 56 33.8 -1.3
V36A	Jenks	44.71 297	P	P	17 56 34.3 -1.0
K35A	Storm Lake	44.76 309	P	P	17 56 34.9 -0.7
I35A	Creekview Farm	44.76 309	P	P	17 56 34.5 -1.1
D35A	Remer	44.80 314	P	P	17 56 35.3 -0.5
H35A	Sunnyside Ranch	44.81 310	P	P	17 56 35.5 -0.4
N35A	Tabor	44.82 305	P	P	17 56 35.1 -0.9
J35A	Milford	44.84 308	P	P	17 56 35.5 -0.7
F35A	Swanville	44.87 312	P	P	17 56 35.5 -0.9
C35A	Jirik Farms, M	44.90 314	P	P	17 56 35.9 -0.6
L35A	Blowell Farm, R	44.90 306	P	P	17 56 36.2 -0.5
R35A	Bob, Littlefor	44.91 315	P	P	17 56 35.4 -1.2
M35A	Neola	44.93 305	P	P	17 56 35.6 -1.3
Q35A	Mercer Eighty,	44.93 302	P	P	17 56 35.6 -1.3
W36A	Wetumka	44.93 297	P	P	17 56 36.4 -0.6
O35A	Humboldt	44.96 304	P	P	17 56 36.3 -0.8
P35A	Duane Minner,	44.97 303	P	P	17 56 36.4 -0.8
Y36A	Durant	44.98 295	P	P	17 56 37.2 -0.2
R35A	Emporia Munici	45.02 301	P	P	17 56 37.1 -0.6
X36A	Centrahoma	45.03 296	P	P	17 56 37.1 -0.7
S35A	Otter Creek Ra	45.08 300	P	P	17 56 37.4 -0.7
Z36A	Blue Ridge	45.12 294	P	P	17 56 37.7 -0.8
T35A	Sooner Cattle	45.20 299	P	P	17 56 38.3 -0.9
F34A	Alexandria	45.32 312	P	P	17 56 39.4 -0.5
U35A	Pawnee	45.36 298	P	P	17 56 39.8 -0.6
J34A	George	45.37 308	P	P	17 56 39.6 -0.8
K34A	Le Mars	45.38 307	P	P	17 56 39.8 -0.7
KSU1	Kansas State U	45.39 302	P	P	17 56 39.5 -1.1
KSU1	Kansas State U	45.39 302	eP	P	17 56 39.5 -1.1
I34A	Hadley	45.42 309	P	P	17 56 40.1 -0.7
V35A	Meyer Ranch, C	45.44 297	P	P	17 56 40.2 -0.9
LPZA	La Paz	45.45 211	P	P	17 56 41.7 -0.2
LPZA	La Paz	45.45 211	LR	LR	18 15 16.6
LPZA	La Paz	45.45 211	eP	pmax	17 56 41.3 -0.6
LPZA	La Paz	45.45 211	eP	pmax	17 56 41.2 -0.6
LPZA	La Paz	45.45 211	eP	pmax	17 56 41.3 -0.6
N34A	Lincoln	45.46 305	P	P	17 56 40.6 -0.6
W35A	Tecumseh	45.46 297	P	P	17 56 40.5 -0.7
H34A	Spellman Lake,	45.47 310	P	P	17 56 40.5 -0.7
G34A	Benson	45.48 311	P	P	17 56 40.7 -0.5
L34A	Svensden Farm,	45.49 306	P	P	17 56 40.6 -0.8
B34A	Aery, Baudette	45.53 315	P	P	17 56 40.9 -0.8
O34A	Beatrice	45.55 304	P	P	17 56 41.2 -0.6
X35A	Drake	45.55 295	P	P	17 56 41.7 -0.2
D34A	Park Rapids	45.55 313	P	P	17 56 41.4 -0.4

P34A	Walnut Farm, R	45.59 303	P	P	17 56 41.9 -0.4
Y35A	Marietta	45.61 295	P	P	17 56 41.7 -0.7
Q34A	Chapman	45.64 302	P	P	17 56 41.6 -1.0
S34A	Willow Spring	45.71 300	P	P	17 56 42.3 -0.9
T34A	McCleary Farm	45.74 299	P	P	17 56 43.1 -0.4
R34A	Isabella, Hill	45.84 301	P	P	17 56 43.1 -1.1
ECSD	EROS Data Cent	45.91 309	P	P	17 56 44.0 -0.7
ECSD	EROS Data Cent	45.91 309	eP	P	17 56 43.4 -1.3
V34A	Guthrie	45.99 297	eP	P	17 56 43.8 -1.6
D33A	AnnSam, Waibus	46.00 313	P	P	17 56 44.7 -0.7
U34A	Anderson Ranch	46.01 298	P	P	17 56 44.9 -0.6
U34A	Anderson Ranch	46.01 298	eP	P	17 56 44.1 -1.4
G33A	Ortonville	46.02 311	P	P	17 56 45.1 -0.4
WHTX	Lake Whitney	46.04 292	P	P	17 56 45.7 -0.1
WHTX	Lake Whitney	46.04 292	eP	P	17 56 45.6 -0.2
F33A	5 Mile Ranch,	46.04 311	P	P	17 56 45.1 -0.5
335A	Moody	46.06 291	P	P	17 56 46.0 0.0
M33A	Taylor Creek F	46.06 305	P	P	17 56 45.3 -0.6
TOAO	Torodi Ar. Sit	46.06 95	eP	P	17 56 44.9 -1.3
TORD	Torodi Ar. Bea	46.06 95	P	P	17 56 45.0 -1.3
TORD	Torodi Ar. Bea	46.06 95	LR	LR	18 12 58.5
B33A	Robert and Kas	46.09 315	P	P	17 56 45.7 -0.3
C33A	Trail	46.09 314	P	P	17 56 45.5 -0.5
I33A	Coleman	46.09 309	P	P	17 56 45.6 -0.5
J33A	Davis	46.10 308	P	P	17 56 45.1 -1.1
A33A	Wasad	46.12 316	P	P	17 56 46.0 -0.3
H33A	Prehn Over Nor	46.15 310	P	P	17 56 46.2 -0.4
N33A	J Bar K, Exete	46.17 304	P	P	17 56 46.3 -0.5
W34A	Bridge Creek,	46.20 297	P	P	17 56 46.7 -0.4
W34A	Bridge Creek,	46.20 297	eP	P	17 56 46.6 -0.5
Y34A	Reagan Ranch,	46.21 295	P	P	17 56 47.2 0.0
O33A	Hebron	46.22 303	P	P	17 56 46.3 -0.9
X34A	Smith Ranch, M	46.26 296	P	P	17 56 47.1 -0.4
AGMN	Agassiz Nation	46.27 315	P	P	17 56 47.0 -0.4
AGMN	Agassiz Nation	46.27 315	eP	P	17 56 46.9 -0.6
Q33A	Connelly Farm,	46.34 302	P	P	17 56 47.4 -0.8
Z34A	Collier Ranch,	46.36 294	P	P	17 56 48.1 -0.3
S33A	Kaszaul Farm,	46.41 300	P	P	17 56 48.2 -0.5
R33A	Olander Ranch,	46.42 301	P	P	17 56 48.2 -0.6
U33A	Lingo Farm, Me	46.48 298	P	P	17 56 48.9 -0.4
134A	White-Moore Ra	46.53 293	P	P	17 56 49.5 -0.3
T33A	Patterson Ranc	46.59 299	P	P	17 56 49.2 -0.9
C32A	Crookston	46.60 314	P	P	17 56 49.7 -0.3
H32A	Carroll Farm,	46.61 309	P	P	17 56 49.8 -0.4
V33A	Lossen Ranch,	46.62 297	P	P	17 56 49.8 -0.5
F32A	Veblen	46.62 311	P	P	17 56 49.6 -0.6
835A	Beeville	46.69 287	P	P	17 56 50.2 -0.8
B32A	Ashes, Strandq	46.73 315	P	P	17 56 50.6 -0.4
334A	Lometa	46.75 291	P	P	17 56 50.7 -0.8
J32A	Parkston	46.75 308	P	P	17 56 50.8 -0.5
K32A	Verdigr	46.75 307	P	P	17 56 50.5 -0.9
BGNE	Belgrade	46.76 305	eP	P	17 56 50.6 -0.8
O32A	Brockman Farm,	46.76 304	P	P	17 56 50.7 -0.8
ULM	Lac du Bonnet	46.77 317	P	LR	17 56 50.1 -1.2
ULM	Lac du Bonnet	46.77 317	LR	LR	18 14 47.7
ULM	Lac du Bonnet	46.77 317	eP	pmax	17 56 50.3 -1.0
ULM	Lac du Bonnet	46.77 317	eP	pmax	17 56 50.3 -1.0
ULM	Lac du Bonnet	46.77 317	eP	P	17 56 50.3 -1.0
W33A	Caddo, Fort Co	46.77 297	P	P	17 56 51.7 +0.1
G32A	Webster	46.77 310	P	P	17 56 51.1 -0.4
D32A	Dogwood Acres,	46.78 313	P	P	17 56 51.0 -0.4
SNF	Seneffe	46.81 42	P	P	17 56 50.0 -1.5
434A	Burnet	46.82 291	P	P	17 56 51.5 -0.5
A32A	Rocking H Ranc	46.83 316	P	P	17 56 51.2 -0.5
DOU	Dourbes	46.89 43	P	P	17 56 51.7 -0.5
Q32A	Metter Ranch,	46.90 302	P	P	17 56 52.0 -0.5
TAM	Tamanasset	46.91 80	eP	pmax	17 56 53.6 +0.6
TAM	Tamanasset	46.91 80	pmax	pmax	17 56 53.6 +0.6
TAM	Tamanasset	46.91 80	eP	P	17 56 53.6 +0.6
Y33A	Hilltop Ranch,	46.93 295	P	P	17 56 52.3 -0.5
P32A	Hulting Farm,	46.97 303	P	P	17 56 52.8 -0.3
R32A	Long Quarter,	47.00 301	P	P	17 56 52.5 -0.8
WMOK	Wichita Mounta	47.03 296	eP	pmax	17 56 53.3 -0.3
WMOK	Wichita Mounta	47.03 296	eP	pmax	17 56 53.3 -0.3
534A	Blanco	47.06 290	P	P	17 56 53.4 -0.5
Z33A	Whitaker Ranch	47.07 294	P	P	17 56 53.9 0.0
T32A	Huddler Ranch,	47.14 299	P	P	17 56 54.0 -0.4
U32A	Winter Ranch,	47.19 298	P	P	17 56 54.3 -0.5
V32A	Arapaho	47.23 297	P	P	17 56 54.8 -0.4
D31A	McClaffin, Tow	47.24 313	P	P	17 56 54.1 -0.9
B31A	Bardonecchia	47.24 50	eP	P	17 56 55.6 +0.3
233A	Ris Star	47.26 292	P	P	17 56 54.7 -0.8
K31A	O'Neill	47.32 307	P	P	17 56 55.8 0.0
I31A	Royce, Wessing	47.33 309	P	P	17 56 55.7 -0.1
L31A	Butterfield Fa	47.34 306	P	P	17 56 55.7 -0.3
H31A	Wolsey	47.34 309	P	P	17 56 55.7 -0.2

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MDND Maddock, SCO Scoresbysund, KEST Kesra, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like J26A Sides Ranch, MOTA Moosalm, NRDL Niedersach Rie, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRG Berggiesshubel, BRG comp=Z,27nm,1.5s, BRG comp=N,481nm,13.9s, etc.

10d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, KBZ, NEY, ILAR, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOSA, VOSK, IEMG, etc.

428

Table with columns for station name, frequency, power, and other technical details. Includes stations like C3A6, C37A, C37A, etc.

ISCJB 10:18:57.3±0.2, 47.55N±0.02, 92.68W±0.02, h0km, Error ellipse: s-maj=2.6km s-min=2.0km az=156.3 OTT 10:18:58.1±0.5, 47.49N±0.92, 69W±0.02, h0km, MN3.1/9, Blast, Minnesota, US Mining explosion. ISC 10:18:57.9±0.7, 47.54N±0.02, 92.69W±0.02, h0km, n43, r160672, Minnesota

Table with columns for Code, Station Name, Frequency, Power, Phase ID, Time Res, and other details. Includes stations like C36A, C37A, C37A, etc.

10d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, TXAR Lajitas Array.

Table for KRSC 10:19:15:43.6:0.6,55.63N:160.88E,h155km,5km,ML3.5, Kamchatka Peninsula. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

ISCJB 10 19:27:08.8:0.3,33.11N:0.02:116.47W:0.02,h20km,5km, Error ellipse: s-maj=3.4km s-min=3.1km az=153.0

NEIC 10 19:27:09.2:33.14N:116.47W,h11km,ML2.5(PAS),After PA5

NEIC Fall at Borrego Springs, Lakeside and Valley Center. ECX 10 19:27:09.8:0.4,33.11N:116.47W,h14km,3km,MD2.3,ML2.5

ISC 10 19:27:08.6:0.9,33.14N:0.02:116.46W:0.02,h15km,7km,n34,c081/51,4C-4D,Southern California

Large table for KRSC 10:19:29:22.3:1.5,50.30N:157.30E,h31km,31km,ML3.7, Kuril Islands. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for KRSC 10:19:29:22.3:1.5,50.30N:157.30E,h31km,31km,ML3.7, Kuril Islands. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RUS, PET, AVH, KOK.

ISCJB 10 19:33:04.0:0.5,50.26N:0.04:18.61E:0.03,h0km, Error ellipse: s-maj=5.8km s-min=2.7km az=3.2

CSEM 10 19:33:04.9:0.2,50.26N:18.66E,h2km,ML2.5/4, Error ellipse: s-maj=4.8km s-min=2.3km az=5.0

PRU 10 19:33:05.4:0.5,50.26N:18.64E,h0km

ISC 10 19:33:05.1:0.9,50.26N:18.66E:0.02,h0km,n20,c076/35,Poland

Table for stations in Poland and other regions. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CHPZ Chorzow, OKC Ostrava-Krasne, OJC Ojcow, etc.

DDA 10 19:35:08.2:35.45N:35.05E,h7km,MD2.8 CSEM 10 19:35:27.6:0.5,35.91N:35.63E,h10km,ML1.8, Error ellipse: s-maj=8.3km s-min=3.9km az=107.0

NSCC 10 19:35:29.2:1.4,35.94N:35.72E,h13km,6km,ML1.8 ISC 10 19:35:28.0:2.2,35.91N:35.04E:0.04:35.7E:0.1,h16km,8km,n14,c036/27,Jordan-Yazja region

Table for stations in Jordan-Yazja region and other areas. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ARNB Al Arnab, YAYL Yayladag, etc.

ISC 10 19:49:56.2:2.2,5.04S:134.43E,h0km,mb3.6/3, mb1 3.9/5,mb1mx3.7/27,mbtmp3.8/5,ML4.1/2,MS3.6/8, MS1 3.6/8,ms1mx3.3/26, Error ellipse: s-maj=11.6.9km s-min=27.4km az=81.0

ISCJB 10 19:49:58.9:0.5,5.13S:0.03:133.73E:0.05,h25km, mb4.2/8,MS3.6/7, Error ellipse: s-maj=7.9km s-min=4.5km az=164.3

NEIC 10 19:49:58.5:0.9,5.20S:133.62E,h10km,mb4.2/6, Error ellipse: s-maj=23.6km s-min=8.8km az=81.0

AUST 10 19:50:01.3:4.96S:133.53E,h35km DJA 10 19:50:03.4:0.7,5.3S:13.4E,h53km,13km,M4.4/10, mb4.6/8,mb4.9/4,MLV4.4/10,Mw(mb)4.2/4

ISC 10 19:50:01.4:0.6,5.02S:133.67E:0.06,h25km,n53,c193/45,mb4.1/8,MS3.6/7,Aru Islands region

Table for stations in Aru Islands region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KMPI Kaimana, FAKI Fak Fak, etc.

430

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SAUI Saumlaki, BANU Bandanaira, BNDI Bandanaira, etc.

baz=3.7,SNR=6.1

baz=4.7,SNR=18

baz=7.8,SNR=92

baz=8.1,SNR=10

baz=10,SNR=6.6

baz=13,SNR=7.3

baz=14,SNR=3.9

baz=17,SNR=6.7

baz=17.1,SNR=12

baz=17,SNR=6.7

baz=17,SNR=6.7

baz=17,SNR=6.7

baz=17,SNR=6.7

baz=20,SNR=3.4

baz=20,SNR=5.1

baz=24,SNR=5.8

baz=21,SNR=5.1

baz=20,SNR=3.4

baz=20,SNR=3.4

baz=20,SNR=3.4

baz=20,SNR=3.4

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baz=20,SNR=3.4

Table with columns: QSPA, South Pole Qui, 34.44 180 P, 29nm, 0.5s, baz=202, slow=3.6, SNR=107, LR, 20 29 37.9

Table with columns: WATA, Walderalm, 0.17 251 Pg, 20 23 06.3 -0.4, WATA, Wattenberg, 0.17 223 ePg, 20 23 09.2 -0.1

Table with columns: BALB, Balikesir, 0.49 174 ePg, 20 45 28.0 -0.1, MRMT, Marmara Adasi, 0.51 341 ePg, 20 46 28.1 -0.4

ATH 10 20:47:22.4, 41:83N, 22:25E, h5km, MD3.2/8, BEO 10 20:47:23.1, 41:88N, 22:44E, h11km, 3km, ML2.7/1

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h m s, ISC, Valandovo, 0.55 151 iPg, 20 47 34.7 +0.6

ISCJB 10 20:23:01.6, 0.3, 47:41N, 0:02, 11:84E, 0:02, h3km, 5km, Error ellipse: s-maj=3.1km s-min=2.6km az=141.2

ISK 10 20:46:17.7, 40:12N, 27:82E, h12km, MD2.5, ISCBJ 10 20:46:18.1, 40:13N, 27:81E, 0:03, h10km, 4km

Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h m s, ISC, GONE, Gonen-Balikesi, 0.12 231 ePg, 20 46 22.0 0.0

10D 20h

Table with columns: DIVS, Divibare, 2.82 325 fP, Pn, 20 48 09.9 +0.7, etc.

AUST 10 20:50:28.5, 3:83S, 99:46E, h0km
IDC 10 20:50:31.3, 0.8, 3:37S, 100:12E, h0km, mb4.3/19,

NEIC 10 20:50:31.1, 1.3, 0.3, 3:38S, 100:09E, h0km, 18km, mb4.9/30,
Error ellipse: s-maj=11.5km s-min=5.1km az=48.0

KLM 10 20:50:32.0, 3:04S, 99:63E, h26km, mb4.8, ML4.6, MS5.3
BUJ 10 20:50:32.4, 3:54S, 100:26E, h25km, mb4.8, 8/4, mb5.0/27,

ISCJB 10 20:50:34.9, 0.7, 3:42S, 0:04, 100:08E, 0:04, h41km, 4km,
mb4.6/55, MS3.7/12, Error ellipse: s-maj=9.3km

DJA 10 20:50:34.4, 0.4, 3:53S, 100:10E, h10km, M4.4/12,
mb4.5/12, mb4.8/6, MLV4.6/4, Mw(mb)4.0/6

MOS 10 20:50:34.2, 0.8, 3:30S, 100:23E, h33km, mb4.9/17, Error
ellipse: s-maj=14.2km s-min=7.4km az=104.6

ISC 10 20:50:36.4, 0.8, 3:29S, 0:05, 100:14E, 0:05, h31km, 4km,
n247, s1926/239, mb4.7/54, MS3.6/12, 6C-4D, Southern

Sumatera

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

2010 DEC

Main table with columns: GTOI, Gorontalo, 23.20 81 P P, 20 55 41.4 +0.5, etc.

Table with columns: BJI, comp=Z,1,170nm,17.0s, LZ, 20 55 41.4 +0.5, etc.

Table with columns: BRTR, GULT, YAYL, etc. Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Gulveren, Yavladag, Tahtakopru-Hat, etc.

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

ISCJB 11 00:03:36.4 1.1, 31.80S; 0.10:178.2W; 0.2, h10km, mb3.3/1, mb1.3/74, mb1mx3.5/33, mbmp3.5/4, ML3.4/3, Error ellipse: s-maj=69.8km s-min=26.7km az=82.0, Banda Sea

ISCJB 11 00:03:37.0 1.8, 31.68S; 178.30W, h0km, mb4.1/2, mb1.4/4, mb1mx4.0/32, mbmp4.2/4, ML4.2/2, Error ellipse: s-maj=45.7km s-min=24.0km az=112.0

NEIC 11 00:03:38.4 0.3, 31.76S; 178.14W, h14km, 25km, mb4.3/9, Error ellipse: s-maj=18.8km s-min=9.9km az=116.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like RAO, URZ, ARF, CTA, etc.

ISCJB 11 00:14:13.7 2.2, 37.88S; 75.25W, h0km, mb3.5/2, mb1.3/6/3, mb1mx3.5/17, mbmp3.5/3, ML3.4/1, MS3.1/2, Ms1.3/1.2, ms1mx2.8/6, Error ellipse: s-maj=167.2km s-min=31.1km az=55.0

ISCJB 11 00:14:24.7 1.4, 37.57S; 0.07:73.7W; 0.2, h3km, mb3.5/2, Error ellipse: s-maj=20.7km s-min=9.2km az=15.1

GUC 11 00:14:27.4 0.5, 37.49S; 73.26W, h7km, 6km, ML4.0

ISC 11 00:14:25.7 1.9, 37.55S; 0.07:73.7W; 0.2, h35km, n8, #189/11, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like CCSP, COCH, CCHI, etc.

ISC 11 00:14:39.8 3.2, 40.97N; 129.47W, h0km, mb3.3/1, mb1.3/4/5, mb1mx3.3/32, mbmp3.3/5, ML3.1/4, MS2.9/2, Ms1.2/9.2, ms1mx2.4/20, Error ellipse: s-maj=56.4km s-min=18.8km az=73.0

ISCJB 11 00:14:42.1 0.7, 50.15N; 0.05:130.09W; 0.07, h14km, mb3.1/1, Error ellipse: s-maj=8.5km s-min=3.8km az=42.3

PGC 11 00:14:42.4 2.7, 50.14N; 130.26W, h10km, ML3.2/23, Mw3.3/23, 203km west of Pt. Hardy, Bc Vancouver Island Region

ISC 11 00:14:41.8 1.6, 50.46N; 0.08:130.19W; 0.08, h14km, n48, #171/46, Vancouver Island region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like HOLB, BPBC, PHC, etc.

CSEM 11 00:15:40.0 39.64N; 29.57W, h10km, ML3.0, After PDA PDA 11 00:15:40.0 1.6, 39.64N; 29.57W, h10km, MD3.6, ML3.0, Error ellipse: s-maj=17.4km s-min=11.3km az=70.0, Azores Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like CALA, CAB, HOR, etc.

ISC 11 00:30:57.4 1.0, 56.31S; 25.24W, h0km, mb3.9/3, mb1.4/3, mb1mx3.8/15, mbmp3.9/3, Error ellipse: s-maj=43.7km s-min=31.7km az=77.0

ISC 11 00:31:02.1 1.1, 56.35S; 0.2:25.3W; 0.3, h40km, n6, #054/6, mb3.9/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Vnda, LPaz, YORD, etc.

ISCJB 11 00:59:10.6 2.6, 61.41S; 161.17E; 0.10, h61km, mb3.9/7, Error ellipse: s-maj=16.5km s-min=12.2km az=32.6

ISC 11 00:59:10.6 2.6, 61.41S; 161.17E; 0.10, h61km, mb3.9/7, mb1.3/9, mb1mx3.6/30, mbmp3.9/3, MS3.2/3, Ms1.3/3, ms1mx2.7/22, Error ellipse: s-maj=25.9km s-min=18.9km az=75.0

ISC 11 00:59:07.9 1.0, 10.55S; 0.2:161.7E; 0.11, h61km, n13, #090/12, mb3.8/7, Bougainville-Solomon Islands region

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

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

MEX 11 01:11:33.4 0.6, 16.16N; 99.73W, h10km, MD3.5, Near coast of Guerrero

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

ISC 11 01:21:03.5 1.4, 49.26S; 120.82E, h0km, mb3.7/4, mb1.3/9/5, mb1mx3.8/21, mbmp3.8/5, ML2.6/1, MS3.3/2, Ms1.3/2.3, ms1mx2.7/28, Error ellipse: s-maj=74.3km s-min=20.7km az=113.0

ISC 11 01:21:04.5 1.3, 49.22S; 0.2:120.4E; 0.3, h10km, n10, #127/77, mb3.7/4, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like H01W2, H01W1, etc.

ISK 11 01:31:08.6 37.43N; 38.69E, h6km, MD2.8

ISCJB 11 01:31:10.8 0.0, 37.49N; 0.03:38.74E; 0.04, h9km, 6km, Error ellipse: s-maj=6.1km s-min=4.6km az=149.7

DDA 11 01:31:10.2 37.52N; 38.78E, h7km, MD2.7

CSEM 11 01:31:10.8 0.2, 37.49N; 38.71E, h15km, MD2.7, Error ellipse: s-maj=6.1km s-min=5.0km az=120.0

ISC 11 01:31:11.0 1.1, 37.48N; 0.04:38.70E; 0.03, h15km, 10km, n15, #059/30, Turkey

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

ISC 11 01:32:28.7 0.7, 37.62S; 78.16E, h0km, mb4.2/16, mb1.4/3/16, mb1mx4.1/46, mbmp4.2/16, MS3.9/7, Ms1.3/9/17, ms1mx3.7/28, Error ellipse: s-maj=24.8km s-min=17.3km az=16.0

ISCJB 11 01:32:29.0 0.4, 37.65S; 0.1:78.25E; 0.09, h10km, mb4.4/30, MS3.9/18, Error ellipse: s-maj=14.7km s-min=10.5km az=0.7

NEIC 11 01:32:31.0 0.4, 37.52S; 78.23E, h10km, mb4.6/16, Error ellipse: s-maj=14.7km s-min=10.0km az=181.0

GCMT 11 01:32:31.0 0.4, 37.40S; 78.01E, h18km, 2km, MW5.0/65, Moment Tensor Solution: 226.631, s65, 684, Duration: 0.131445 s, Moment tensor: Scale 1.0Nm; Mo: 18; Mw: 3.17; Lb: Ms: 2.99; Lb: Mw: 0.71; S2: Mw: 0.76; L3: Mw: 0.62; 30. Best double couple: Mw: 3.07000; 1016 NP1: 142.00000; 889.00000; lambda: -164.00000; NP2: 0.52.00000; 874.00000; lambda: -1.00000. Principal axes: T 3.1800, Plg10.0000, Azm276.0000; N 0.2570, Plg74.0000; Azm146.0000; P -3.4330, Plg12.0000, Azm8.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

ISC 11 01:32:30.8 0.5, 37.55S; 0.1:78.25E; 0.10, h10km, n62, #192/38, mb4.4/30, MS4.0/18, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like H01W2, H01W3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, TOKL Toktogul, EKS2 Erkin-Say, etc.

NIED 11 03:17:00,26.00N,128.70E, h17km, Mw4.5 Best double couple: Mb7.50000>1015: N110s10.00000>877.00000<...

IDC 11 03:17:39.2,0.6,26.01N,128.62E, h0km, mb4.4/24, mb1 4.6/28, mb1mx4.5/41, mbtmp4.4/28, ML4.6/3, MS3.7/22, Ms1 3.7/22, ms1mx3.5/47, Error ellipse: s-maj=1.62km...

NEIC 11 03:17:40.5,1.4,25.94N,128.47E, h10km, mb4.9/32, MW4.5(NIED), Error ellipse: s-maj=6.4km s-min=4.5km az=132.0

NEIC Felt [I] at Chatan. Also felt at Naha, Okinawa and Yonitan. Recorded [1 JMA] on Okinawa.

MOS 11 03:17:40.0,1.0,25.97N,128.55E, h19km, mb4.8/49, Error ellipse: s-maj=8.7km s-min=5.7km az=97.5

ISCJB 11 03:17:40.1,0.7,25.94N,128.54E, h10km, mb4.6/69, MS3.8/23, Error ellipse: s-maj=4.8km s-min=2.8km az=142.1

JMA 11 03:17:42.5,0.3,26.01N,128.60E, h43km, M4.3 JMA Felt I, J1.

ISC 11 03:17:41.7,0.6,26.00N,128.54E, h17km, mb2.9, n234, s1977/274, mb4.7/70, MS3.8/23, 13C-8D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JNTH Nagotoyohara, JOW Kunigami, etc.

Main table with columns: JZK, JOGS, JIKM, etc. Includes stations like Gusukube, Ikemajima, Miyako jima 2, etc.

Table with columns: HABR, KMI, KUR, etc. Includes stations like Gusukube, Ikemajima, Miyako jima 2, etc.

M51 3.4/7,ms1mx3.1/25,Error ellipse: s-maj=45.3km s-min=23.3km az=89.0

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

ISC 11 03:33:52.5-1.0, 22.07S:69.15E, h0km, mb4.0/7, mb1 4.0/7, mb1mx3.7/51, mbtmp4.0/7, MS3.6/9, Ms1 3.6/9, ms1mx3.2/42, Error ellipse: s-maj=36.0km s-min=22.7km az=3.0

ISC/JB 11 03:33:59.0-0.8, 22.0S:0.2'69.2'E:0.1, h19km, mb4.0/9, MS3.6/9, Error ellipse: s-maj=25.9km s-min=16.7km az=7.5

NEIC 11 03:33:54.5-0.6, 21.95S:69.16E, h10km, mb4.2/3, Error ellipse: s-maj=20.8km s-min=13.5km az=188.0

ISC 11 03:33:55.8-1.1, 22.0S:0.3'69.1E:0.2, h19km, n24, c075/11, mb4.0/9, MS3.7/9, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Diego Garcia, KMSB3, MATP, LSZ, BOSA, etc.

1.9nm,0.7s,baz=202,slow=4.8,SNR=9.0

SOMM Songo Array 77.12 25 P P 03 45 48.4 +0.4

DBIC Dimbokro 77.78 282 LR LR 04 18 20.1

NMC 11 03:34:25.4-6.1, 40.01N:71.66E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=50.1km s-min=18.8km az=36.0

KRNET 11 03:34:26.9-0.1, 40.37N:71.69E, mb2.3, ISC 11 03:34:25.9-1.5, 40.27N:0.066'71.78E:0.04, h2km, n14km,

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

ISC/JB 11 03:42:05.8-1.3, 6.4N:0.1'x75.0W:0.1, h33km, mb3.6/4, Error ellipse: s-maj=22.7km s-min=14.4km az=140.6

ISC 11 03:42:13.6-4.5, 6.37N:74.91W, h8km, mb3.6/4, mb1 3.6/6, mb1mx3.3/44, mbtmp3.9/6, Error ellipse: s-maj=33.3km s-min=24.3km az=84.0

ISC 11 03:42:07.8-1.4, 6.3N:0.2'74.9W:0.2, h35km, n6, c1928/6, mb3.6/4, Northern Colombia

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

CASC 11 03:44:20.6-2.9, 8.87N-84.02W, h0km, gkm, MD3.9, 1C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QCR, BUS, CGA2, etc.

ISC 11 03:45:59.6-8.8, 14.12N:90.31W, h49km, 50km, mb3.8/7, mb1 3.8/9, mb1mx3.6/45, mbtmp4.0/9, ML4.2, MS3.2, Ms1 3.2/2, ms1mx2.6/36, Error ellipse: s-maj=59.4km s-min=37.9km az=166.0

NEIC 11 03:46:00.3-7.1, 33.58N:90.70W, h2km, 17km, mb4.0/5, MD4.2(SNET), Error ellipse: s-maj=45.6km s-min=14.7km az=167.0

NEIC Felt [I] at Ahuachapan, El Salvador, MEX 11 03:46:06.4-0.4, 13.79N:91.09W, h61km, 59km, MD4.0, ISC 11 03:46:01.4-1.2, 13.93N:0.1'90.76W:0.08, h73km, n22, c194/23, mb4.1/13, Near coast of Guatemala

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

0.1nm,0.3s,baz=159,slow=2.5,SNR=10

MINX Cornudas Mount 22.25 325 eP P 03 50 51.9 -0.4

WVT Waverly 22.36 6 eP P 03 50 53.4 +0.3

TKL Tuckaleechee C 22.60 15 eP P 03 50 57.0 +1.0

WCI Wyanottette Cave 24.59 8 eP P 03 51 13.8 -0.8

PFO Pinyon Flat Ob 30.51 315 LR LR 04 04 26.5

DUG Dugway 32.59 328 eP P 03 52 26.0 0.0

NVAR Wild Horse Valley 34.54 320 P P 03 52 45.4 +2.3

NVAR Wild Horse Valley 37.28 325 eP P 03 53 07.2 +0.8

SCHO Schefferville 44.94 19 P P 03 54 08.5 -0.4

SCHO Yellowknife Ar 51.44 346 P P 03 54 57.4 -1.4

YKA Yellowknife Ar 51.44 346 P P 03 56 11.3 -1.0

DLBC Dease Lake 53.27 335 P P 03 55 13.1 +0.5

RES Resolute Bay 60.86 359 P P 03 56 04.1 -1.7

EKA Eskdalemuir Ar 77.37 36 P P 03 57 47.2 -1.1

ARCAS ARCES Array B 85.89 18 P P 03 58 31.1 -1.8

MAN 11 04:00:15, 10.78N-123.83E, h1km, mb3.8, ML2.5, MS2.1, 2D, Cebu

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

MEX 11 04:02:07.0-0.6, 17.31N-100.86W, h20km, n176km, MD4.0, Guerrero

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

ISC 11 04:12:41.9-1.4, 10.91S:161.67E, h0km, mb3.6/4, mb1 3.8/7, mb1mx3.6/43, mbtmp3.7/7, ML3.7/3, MS3.1/3, s-min=25.0km az=87.0

ISC 11 04:12:45.7-1.1, 10.93S:0.1'161.6E:0.2, h28km, n10, c1848/10, mb3.5/4, Bougainville-Solomon Islands region

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

MAN 11 04:17:10, 10.25N-122.02E, h1km, mb4.3, ML3.2, MS3.0, 2C-2D, Panay

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

ISC/JB 11 04:31:48.0-0.4, 51.59N:0.02'16.14E:0.03, h0km, Error ellipse: s-maj=3.4km s-min=2.8km az=9.9

CSEM 11 04:31:50.3-0.3, 51.55N:16.06E, h2km, ML3.6/10, Error ellipse: s-maj=4.6km s-min=3.3km az=166.0

ISC 11 04:31:51.8-0.8, 51.51N:15.93E, h0km, mb1 3.5/6, mb1mx3.3/55, mbtmp3.5/6, ML2.8/6, Error ellipse: s-maj=14.6km s-min=7.9km az=105.0

VIE 11 04:31:52.9-1.1, 51.32N:16.14E, h0km, 5km, mb2.6/5, mb3.1/5, Error ellipse: s-maj=5.6km s-min=3.5km az=29.0, Suspected Mining induced.

ISC 11 04:31:49.5-0.8, 51.60N:0.03'16.06E:0.02, h0km, n54, c095/96, 4C-3D, Poland

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

Table with columns: Name, RA, Dec, Magnitude, and other identifiers. Includes entries like KNT, HORT, HORTI, etc.

Table with columns: Name, RA, Dec, Magnitude, and other identifiers. Includes entries like LAKA, LAKA, LAKA, etc.

Table with columns: Name, RA, Dec, Magnitude, and other identifiers. Includes entries like PKSM, VAE, VAE, etc.

NEIC 11 04:57:40.5, 0.9, 37:52S; 78:51E, h10km, mb4.1/2, Error ellipse: s-maj=31.0km s-min=20.6km az=125.0

IDC 11 04:57:39.1, 1.2, 37:47S; 78:55E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/7, mbtmp3.9/5, Error ellipse: s-maj=41.3km s-min=27.8km az=120.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like H01W2, H01W3, etc.

ISCJB 11 04:59:04.6, 0.4, 37:45S; 78:40E, h10km, mb4.4/2, MS4.1/2, Error ellipse: s-maj=15.2km s-min=10.3km az=18.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like PLE, PLE, PLE, CEME, CEME, CEME, etc.

IDC 11 06:19:32.8:1.0,56:35S:25:40W,h0km,mb4.1/3, mb1 3.5/4,mb1mx3.9/17,mbtmp3.4/13, Error ellipse: s-maj=40.7km s-min=30.7km az=84.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like Vnda, LPaz, TORO, YKA, SONM, ILAR.

IDC 11 06:28:07.8:2.6,54:16N:86:31E,h0km,mb1 3.0/2, mb1mx2.9/42,mbtmp3.0/2,ML2.6/2, Error ellipse: s-maj=20.7km s-min=12.0km az=60.0,Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like H46RU, ZALV, ZALV, KURBB, MKAR.

IDC 11 07:06:04.2:3.1,46:51S:166:31E,h0km,mb3.5/2, mb1 3.8/3,mb1mx3.7/18,mbtmp3.6/3,ML3.4/1, Error ellipse: s-maj=75.7km s-min=29.0km az=166.0

ISCJTB 11 07:06:09.6:1.1,46:35S:107:16E,2.0:1,h39km,12km, mb3.6/2, Error ellipse: s-maj=13.2km s-min=11.4km az=161.0

WEL 11 07:06:10.0:0.8,46:29S:166:18E,h33km,ML4.0/13, Error ellipse: s-maj=10.1km s-min=3.2km az=90.0

NEIC 11 07:06:10.3,46:21S:166:18E,h29km,ML4.1(WEL),After WEL

ISC 11 07:06:09.9:1.6,46:33S:106:16E,2.0:0.8,h33km,5km, n28,1930/31,Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like PYZ, PYZ, PYZ, DCZ, DCZ, DCZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like TUZ, Tuapeka, Earnsclough, Wanaka, Jackson Bay, Otahua Downs, Lake Benmore, Rata Peaks, etc.

IDC 11 07:08:09.5:1.3,52:57N:101:23E,h0km,mb4.1/1, mb1 3.5/4,mb1mx3.3/41,mbtmp3.5/4,ML2.3/2,MS2.7/2, Ms1 2.7/2,ms1mx2.3/46, Error ellipse: s-maj=56.2km s-min=10.8km az=25.0

MOS 11 07:08:09.9:1.6,52:38N:101:06E,h10km,mb4.2/4, Error ellipse: s-maj=11.8km s-min=8.5km az=133.7

MOS Felt (I) at Sorok. BYKL 11 07:08:09.8:0.3,52:28N:100:94E,FELT I=III-IV MSK at Sorok

ISC 11 07:08:09.8:1.3,52:31N:104:100:98E,0:02,h4km,10km, n53,1747/9,mb4.0/5,6C-2D,Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like MOY, MOY, MOY, MOY, MOY, ORL, ORL, ORL, etc.

IDC 11 07:08:09.8:1.3,52:31N:104:100:98E,0:02,h4km,10km, n53,1747/9,mb4.0/5,6C-2D,Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like TLY, TLY, TLY, TLY, TLY, TLY, etc.

IDC 11 07:06:04.2:3.1,46:51S:166:31E,h0km,mb3.5/2, mb1 3.8/3,mb1mx3.7/18,mbtmp3.6/3,ML3.4/1, Error ellipse: s-maj=75.7km s-min=29.0km az=166.0

ISCJTB 11 07:06:09.6:1.1,46:35S:107:16E,2.0:1,h39km,12km, mb3.6/2, Error ellipse: s-maj=13.2km s-min=11.4km az=161.0

WEL 11 07:06:10.0:0.8,46:29S:166:18E,h33km,ML4.0/13, Error ellipse: s-maj=10.1km s-min=3.2km az=90.0

NEIC 11 07:06:10.3,46:21S:166:18E,h29km,ML4.1(WEL),After WEL

ISC 11 07:06:09.9:1.6,46:33S:106:16E,2.0:0.8,h33km,5km, n28,1930/31,Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like ZAK, ZAK, ZAK, ZAK, ZAK, ZAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like KAB, KAB, KAB, KAB, KAB, KAB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLD Coldfoot, ILAR Eielson Array, ILAR Dease Lake, etc.

IDC 11 07:36:00.1, 4.3736S, 78.77E, h0km, mb4.0/4, mb1.4/1.4, mb1mx3.7/3.1, mbtmp4.0/4, MS3.6/4, Ms1.3/6.4, ms1mx3.1/3.7, Error ellipse: s-maj=43.4km s-min=38.4km az=103.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISCJB 11 07:50:55.3, 0.6, 20.69S, 0.05:67.81W, 0.08, h170km, 8km, mb3.3/5, Error ellipse: s-maj=12.4km s-min=7.7km az=178.6

IDC 11 07:50:56.1, 0.9, 20.75S, 67.67W, h166km, 12km, mb3.1/5, mb1.3/5.9, mb1mx3.7/3.0, mbtmp3.7/3.9, Error ellipse: s-maj=20.4km s-min=14.6km az=123.0

GUC 11 07:50:57.4, 0.20168S, 74.05W, h170km, 16km, ML3.8, ISC 11 07:50:55.9, 0.8, 20.69S, 0.06:67.78W, 0.09, h161km, 10km, n15, c111/21, mb3.3/5, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, LVC Limon Verde, etc.

YKA comp=E, 0.6nm, 1.1s, baz=262, slow=6.0, SNR=9-3.6 Yellowknife Arr 90.78 340 P P 08 03 46.0 +0.5

CSEM 11 07:56:57.5, 9.39, 64N, 29.57W, h10km, ML2.9, After PDA PDA 11 07:56:57.5, 9.39, 64N, 29.57W, h10km, MD3.7, ML2.9, Error ellipse: s-maj=10.3km s-min=3.3km az=26.0, Azores Islands

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

BJI 11 07:58:35.0, 0.55S, 122.31E, h200km, mb4.6/36, mb4.7/29, IDC 11 07:58:41.6, 0.6, 0.26N, 121.98E, h197km, 5km, mb4.1/24, mb1.4/2.26, mb1mx1.0/4.0, mbtmp4.6/26, MS3.1/3, Ms1.3/1.3, ms1mx2.5/5.0, Error ellipse: s-maj=16.4km s-min=6.7km az=73.0

MOS 11 07:58:41.3, 0.9, 0.22N, 121.86E, h211km, 6km, 6/16, Error ellipse: s-maj=12.5km s-min=7.2km az=111.7, ISCJB 11 07:58:41.0, 0.3, 0.21N, 0.03:122.00E, 0.03, h202km, 2km, mb4.7/74, Error ellipse: s-maj=4.6km s-min=3.8km az=145.0

DJA 11 07:58:42.9, 0.2, 0.12:2'12.2E, h183km, 2km, M4.7/29, mb4.7/29, mb5.2/3, MLV4.8/20, MW(mb)4.7/8, NEIC 11 07:58:43.2, 0.5, 0.20N, 122.03E, h210km, 5km, mb5.1/47, Error ellipse: s-maj=7.4km s-min=4.5km az=66.0

AUST 11 07:58:44.1, 0.5, 0.15S, 121.91E, h198km, 5km, Error ellipse: s-maj=8.9km s-min=6.4km az=7.0, ISC 11 07:58:41.9, 0.5, 0.24N, 0.04:121.97E, 0.04, h197km, 4km, h197km, p-P, n234, c119/255, mb4.8/75, 5C-4D, h197km, Peninsula, Sulawesi

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

BSSJ Bau Bau, Buton 6.51 193 P P 08 00 15.4 -0.4 KBKI Kotabaru 6.78 239 P P 08 00 18.9 -0.4 MTKI Muara Teweh, K 7.17 261 P P 08 00 17.8 -6.6 BBKI Banjar Baru 8.02 243 P P 08 00 35.2 -0.3 KKM Kota Kinabalu 8.14 315 P P 08 00 43.7 +6.5 KKM Kota Kinabalu 8.14 315 ePn Pn 08 00 43.6 +6.4 SWI Sorong 9.35 97 P pmax 08 00 55.2 +2.3

BATI Baunata 10.51 171 P P 08 01 10.8 +2.9 BATI Baunata 4.6nm, 0.3s, baz=306, slow=8.7, SNR=3.2

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

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

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, SNR, etc. Includes stations like Canberra Magne, Gaotai, Gumbz, etc.

Table with columns: WORD, Divnogorie, 85.19 321, eP, P, 08 10 53.9 -2.2, etc. Includes stations like Divnogorie, Storozhevo, Galich'ya Gora, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, SNR, etc. Includes stations like Cerro Valdivia, Cerro Fontan, Cerro Villicon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like ASAJ, USRK, KLR, etc.

Vertical text block containing station identifiers and coordinates: IDC 11 10:49:54.3...0.4, 52.88N; 162.44E, h0km, mb4.9/42, mb1.5/146, mb1mx0.6/2, mbtmp0.4/6, ML4, 9/4, MS4.2/21, Ms1.4/2/21, ms1mx0.4/33, Error ellipse: s-maj=11.6km s-min=8.8km az=141.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like SPN, MKZ, MKW, etc.

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like ZLN, ZLN, ZLN, etc.

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like KLR, TNA, YAK, etc.

11d 10h

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCM, HDA, IL1, ILAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like XAN, YKA, RES, LZH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GYA, I05D, L02D, KURK, etc.

QLMT	Earthquake Lak	54.01	61	eP	P	10 59 20.6	+0.5
APA	Apatity	54.02	338	eP	P	10 59 26.2	+6.6
SUMG	Summit	54.03	8	iP	P	10 59 19.5	-0.6
SUMG	comp=Z,43nm,1.0s				pmax		
SUMG	Summit	54.03	8	iP	P	10 59 19.5	-0.6
SUMG	comp=Z,43nm,1.0s						
SUMG	Summit	54.03	8	eP	P	10 59 20.2	+0.1
GCMT	Greycliff	54.30	59	eP	P	10 59 22.9	+0.8
YMR	Madison River	54.36	61	eP	P	10 59 23.8	+1.1
YMR	Norris Junctio	54.48	61	eP	P	10 59 25.3	+1.6
NVAR	Minna Array Bea	54.49	71	P	P	10 59 24.7	+1.0
ARU	Arti	54.53	319	P	P	10 59 23.4	-0.1
ARU	Arti	54.53	319	iP	P	10 59 23.5	0.0
ARU	Arti	54.53	319	iP	P	10 59 34.9	+2.7
ARU						11 00 22.3	
ARU						11 01 25.9	
ARU						11 07 03.3	+2.9
ARU						11 10 34.3	+4.3
ARU	comp=Z,63nm,1.0s				MLR		
ARU	comp=Z,410nm,16.0s				MLR		
ARU	Arti	54.53	319	P	P	10 59 23.4	-0.1
ARU	comp=Z,344nm,0.7s,SNR=19						
ARU	YFT	54.53	319	eP	P	10 59 23.7	+0.2
YFT	Old Faithful	54.58	61	eP	P	10 59 26.3	+2.0
ELK	Elko	54.66	67	eP	P	10 59 26.1	+1.1
ELK	Elko	54.66	67	eP	P	10 59 26.1	+1.1
MLAC	Mammoth Lakes	54.73	73	P	P	10 59 27.1	+1.6
H17A	Grant Village	54.75	61	P	P	10 59 27.3	+1.7
H17A	Grant Village	54.75	61	P	P	10 59 27.5	+1.9
FLWY	Flagg Ranch	54.90	62	P	P	10 59 28.0	+1.4
RLMT	Red Lodge	54.95	60	P	P	10 59 28.1	+1.1
RLMT	Red Lodge	54.95	60	eP	P	10 59 27.9	+0.9
RLMT	Tungsten Hills	55.07	73	P	P	10 59 29.0	+1.1
LOHW	Long Hollow	55.26	62	eP	P	10 59 30.4	+1.1
SNOW	Snow King Moun	55.28	62	eP	P	10 59 31.1	+1.7
REDW	Red Top Meadow	55.30	62	eP	P	10 59 30.5	+1.0
HVU	Hansel Valley	55.33	65	eP	P	10 59 30.6	+0.9
HVU	Hansel Valley	55.33	65	eP	P	10 59 30.6	+0.9
RCTC	Rector, Farmer	55.40	74	P	P	10 59 30.8	+0.7
LAO	LASA Array	55.47	57	P	P	10 59 31.3	+0.8
LAO	LASA Array	55.47	57	P	P	10 59 31.2	+0.8
A25A	Svangusto Ranch	55.48	53	P	P	10 59 30.3	-0.2
AHID	Auburn Hatcher	55.57	63	eP	P	10 59 32.4	+0.9
TMCR	Tamitsa	55.63	334	eP	P	10 59 31.8	+0.5
TMCR					pmax		
SMMC	Simmler	55.65	75	P	P	10 59 32.2	+0.3
TKM2	Tokmak 2	55.67	297	iP	P	10 59 32.4	+0.3
TKM2					pmax		
TKM2	Tokmak 2	55.67	297	P	P	10 59 32.4	+0.3
TKM2	SNR=25						
TKM2	Tokmak 2	55.67	297	P	P	10 59 32.8	+0.6
BGU	Big Grassy Mou	55.77	66	eP	P	10 59 33.8	+0.9
ULHL	Ulahol	55.78	296	P	P	10 59 33.7	+0.8
VES	Vestal, Richgr	55.81	74	P	P	10 59 33.2	+0.2
LSA	Lhasa	55.86	275	P	P	10 59 35.7	+1.8
LSA					PMZ		
LSA	Lhasa	55.86	275	eP	P	10 59 35.8	+1.8
LSA					pmax		
LSA	Lhasa	55.86	275	eP	P	10 59 35.8	+1.8
LSA	comp=Z,29nm,0.8s						
LSA	Lhasa	55.86	275	eP	P	10 59 35.8	+1.8
B25A	Knox Farm, Ray	55.91	54	P	P	10 59 34.0	+0.4
CWC	Cottonwood Cre	55.98	73	P	P	10 59 35.4	+1.0
GRAC	Grapevine Rang	56.01	72	P	P	10 59 35.8	+1.3
USP	Ospenovka	56.02	298	P	P	10 59 35.4	+0.9
A26A	Wade Farm, Ken	56.03	52	P	P	10 59 34.7	+0.3
PKM	Peak Mountain	56.04	76	P	P	10 59 35.9	+1.0
CHMS	Chumysk	56.07	298	P	P	10 59 35.8	+1.0
R11A	Troy Canyon, C	56.10	70	P	P	10 59 35.6	+0.4
R11A	Troy Canyon, C	56.10	70	P	P	10 59 35.9	+0.6
HWUT	Hardware Ranch	56.11	64	eP	P	10 59 35.5	+1.2
RSUT	Red Spur Mount	56.12	64	eP	P	10 59 37.2	+1.8
KBK	Karagaybulak	56.19	297	P	P	10 59 36.7	+0.8
C25A	Freed Ranch, W	56.25	54	P	P	10 59 36.6	+0.5
FRU	Bishkek	56.25	298	eP	P	10 59 35.0	-1.1
FRU						10 59 46.0	
FRU					pmax		
FRU					pmax		
B26A	Jensen Ranch,	56.29	53	P	P	10 59 36.9	+0.5
ISA	Isabella	56.29	74	eP	P	10 59 36.6	0.0
ISA	Isabella	56.29	74	P	P	10 59 36.7	0.0
ISA	Isabella	56.29	74	P	P	10 59 36.6	0.0
A27A	Ledoux Ranch,	56.37	52	P	P	10 59 37.4	+0.5
DAC	Darwin (Calif)	56.38	73	eP	P	10 59 38.0	+0.7
DAC	Darwin (Calif)	56.38	73	eP	P	10 59 38.0	+0.7
DUG	Dugway	56.39	66	eP	P	10 59 38.4	+1.1
DUG	Dugway	56.39	66	P	P	10 59 38.0	+0.8
DUG	Dugway	56.39	66	P	P	10 59 38.0	+0.8
DUG	Dugway	56.39	66	P	P	10 59 38.4	+1.1
BW06	Boulder Array	56.40	62	eP	P	10 59 38.1	+0.7
PDAR	Pinedale Array	56.40	62	P	P	10 59 38.1	+0.7
KZA	Kyzart	56.43	297	P	P	10 59 38.6	+0.8
AAK	Ala-Archa	56.45	298	iP	P	10 59 37.6	-0.1
AAK					pmax		
AAK	Ala-Archa	56.45	298	P	P	10 59 38.5	+0.8
AAK	Ala-Archa	56.45	298	mb	P	10 59 39.5	
AAK	Ala-Archa	56.45	298	P	P	10 59 38.0	+0.3
AAK	Ala-Archa	56.45	298	P	P	10 59 38.5	+0.8
AAK	Ala-Archa	56.45	298	eP	P	10 59 38.2	+0.4
ARVC	Arvin	56.46	75	P	P	10 59 38.0	+0.3
MPMC	Manus, Prospec	56.59	73	P	P	10 59 39.4	+0.5
D25A	Fieldair	56.60	55	P	P	10 59 39.0	+0.3
CTU	Camp Tracy	56.63	65	eP	P	10 59 40.2	+1.2
FURC	Furnace Creek,	56.67	72	P	P	10 59 40.1	+1.0
TPNV	Topopah Spring	56.69	71	P	P	10 59 40.4	+0.9
TPNV	Topopah Spring	56.69	71	P	P	10 59 40.1	+0.7
TPNV	Topopah Spring	56.69	71	P	P	10 59 40.4	+0.9
C26A	Wahner Farm, P	56.74	53	P	P	10 59 39.7	+0.1
BSC	Santa Cruz Isl	56.78	76	P	P	10 59 41.0	+1.0
EKS2	Erkin-Say	56.82	298	eP	P	10 59 40.9	+0.6
EKS2	Erkin-Say	56.82	298	P	P	10 59 40.9	+0.6
EKS2	Erkin-Say	56.82	298	eP	P	10 59 40.9	+0.6
A26A	Rude Farm, Bot	56.87	51	P	P	10 59 40.9	+0.6
LRMC	Laurel Mountai	56.88	74	P	P	10 59 41.4	+0.6
OSI	Osito Adit	56.88	75	eP	P	10 59 42.0	+1.3
SCO	Scoresbysund	56.94	2	iP	P	10 59 40.1	-0.1
SCO	Scoresbysund	56.94	2	iP	P	10 59 40.4	-0.1

NLU	North Lily Min	56.96	66	eP	P	10 59 42.3	+0.9
E25A	Miller Ranch,	57.01	55	P	P	10 59 42.0	+0.5
BLG	Laguna Peak	57.04	76	P	P	10 59 41.6	-0.2
EDW2	Edwards Air Fo	57.12	74	P	P	10 59 42.9	+0.4
D26A	Manning	57.12	54	P	P	10 59 42.1	-0.2
B28A	Dugan Ranch, T	57.14	52	P	P	10 59 43.0	+0.6
MPU	Maple Canyon	57.16	66	eP	P	10 59 43.7	+0.8
PANO	Nakotanom	57.19	254	P	P	10 59 44.8	+1.8
AML	Almayashu	57.23	298	P	P	10 59 44.4	+0.9
CRAI	Chiangrai	57.31	260	P	P	10 59 37.2	-6.6
NONG	Nongkai	57.34	256	P	P	10 59 45.8	+1.8
A29A	Manning Farm,	57.34	51	P	P	10 59 44.2	+0.4
DECC	Green Verdugo	57.37	75	P	P	10 59 44.7	+0.6
F25A	Bowman	57.38	56	P	P	10 59 44.6	+0.4
SHOC	Shoshone	57.40	72	P	P	10 59 45.1	+0.8
E26A	Carlson Angus	57.50	55	P	P	10 59 45.3	+0.3
PASC	Pasadena Art C	57.51	75	eP	P	10 59 46.0	+0.9
D27A	Center	57.52	54	P	P	10 59 45.9	+0.9
GSC	Goldstone	57.52	73	eP	P	10 59 46.0	+0.7
GSC	Goldstone	57.52	73	P	P	10 59 45.9	+0.7
GSC	Goldstone	57.52	73	P	P	10 59 46.0	+0.7
MWC	Mount Wilson	57.55	75	eP	P	10 59 46.3	+0.7
MWC	Mount Wilson	57.55	75	eP	P	10 59 46.3	+0.7
B29A	Wagenman Farm,	57.61	51	P	P	10 59 46.4	+0.8
MNAS	Manas	57.62	299	iP	P	10 59 46.3	+0.3
MNAS					pmax		
SHPR	Sheep Range	57.62	71	eP	P	10 59 46.6	+0.8
C28A	Hausauer Farms	57.64	52	P	P	10 59 46.7	+0.8
SKNT	Sakolnakorn	57.70	255	P	P	10 59 47.8	+1.2
A30A	Hoffart Farm,	57.77	50	P	P	10 59 46.7	0.0
BFSC	Mount Baldy Ra	57.77	75	P	P	10 59 47.9	+0.8
KSH	Kashi	57.80	294	P	P	10 59 52.1	+4.8
KSH					pP		
KSH					sP		
KSH					sP		
KSH					PcS		
KSH					S		
KSH					sS		
KSH					ScS		
KSH					SS		
KSH					PMZ		
KSH	comp=Z,120nm,1.2s				LNZ		
KSH	comp=Z,510nm,2.8s				PMZ		
KSH	comp=Z,200nm,6.3s				LE</		

SRAK	Skakew	61.17 254	P	P	11 00 09.9 -0.7
E35A	Pequot Lakes	61.31 50	P	P	11 00 11.0 -0.2
UMPA	Umpang Tak	61.32 259	P	P	11 00 14.6 +3.0
G33A	Ortonville	61.35 52	P	P	11 00 11.2 -0.2
H32A	Carlson Farm,	61.38 53	P	P	11 00 11.0 -0.7
S22A	4UR Ranch, Cre	61.41 65	P	P	11 00 13.2 +0.8
D36A	Goodland	61.42 49	P	P	11 00 10.8 -1.2
C37A	Embarrass	61.45 48	P	P	11 00 11.8 -0.3
F34A	Alexandria	61.47 51	P	P	11 00 12.6 +0.3
UTHA	Uthaitani	61.48 256	P	P	11 00 14.9 +2.2
H33A	Frehn Over Nor	61.58 53	P	P	11 00 12.3 -0.8
EYMN	Ely	61.60 47	P	P	11 00 12.6 -0.5
EYMN	Ely	61.60 47	eP	P	11 00 12.9 -0.2
K30A	Basset	61.64 56	P	P	11 00 12.9 -0.6
L29A	Maesberg Ranch	61.65 57	P	P	11 00 13.3 -0.3
W18A	Petrified Fore	61.70 68	P	P	11 00 14.3 +0.1
G34A	Benson	61.70 52	P	P	11 00 13.7 -0.2
F35A	Swanville	61.75 51	P	P	11 00 13.8 -0.3
D37A	Cotton	61.77 48	P	P	11 00 13.4 -0.8
K0LH	Koldanda	61.80 279	eP	P	11 00 15.4 +0.4
C38A	Sawbill Land,	61.87 47	P	P	11 00 14.2 -0.7
E36A	McGregor	61.87 49	P	P	11 00 15.1 +0.1
M29A	Burnside Ranch	61.99 58	P	P	11 00 16.0 +0.1
J32A	Parkston	62.01 54	P	P	11 00 15.8 -0.1
H34A	Spellman Lake,	62.06 52	P	P	11 00 16.3 0.0
N28A	Pribbeno Ranch	62.10 59	P	P	11 00 17.3 +0.5
SDCO	Great Sand Dun	62.14 64	P	P	11 00 17.9 +0.6
SDCO	Great Sand Dun	62.14 64	eP	P	11 00 17.6 +0.4
F36A	Milaca	62.23 50	P	P	11 00 16.9 -0.5
G35A	Watkins	62.26 51	P	P	11 00 17.8 +0.2
C39A	Grand Marais	62.30 47	P	P	11 00 17.4 -0.4
ECSD	EROS Data Cent	62.34 53	P	P	11 00 17.8 -0.4
ECSD	EROS Data Cent	62.34 53	eP	P	11 00 17.8 -0.4
O28A	Krutsinger Ran	62.39 59	P	P	11 00 19.3 +0.6
L31A	Butterfield Fa	62.38 56	P	P	11 00 18.9 +0.3
N29A	Votaw Ranch, W	62.48 58	P	P	11 00 19.1 -0.1
H35A	Sunnyside Ranc	62.49 52	P	P	11 00 19.6 +0.5
MOS	Moscow	62.62 328	eP	P	11 00 22.8 +3.0
MOS	Moscow		eP	P	11 00 22.8
KSCO	Kaye Shedlock	62.76 61	P	P	11 00 21.6 +0.4
KSCO	Kaye Shedlock	62.76 61	eP	P	11 00 21.5 +0.3
P28A	Saint Francis	62.81 60	P	P	11 00 21.5 0.0
O29A	4D Ranch, Culb	62.90 59	P	P	11 00 22.1 +0.1
J34A	George	63.00 53	P	P	11 00 22.7 +0.1
H36A	Jessenland, He	63.01 51	P	P	11 00 23.1 +0.6
I35A	Creekview Farm	63.04 52	P	P	11 00 22.6 -0.2
SPMN	St. Paul	63.05 50	P	P	11 00 22.9 +0.1
SPMN	St. Paul	63.05 50	eP	P	11 00 22.7 -0.1
TUC	Tucson	63.14 71	eP	P	11 00 24.3 +0.6
TUC	Tucson	63.14 71	eP	P	11 00 24.3 +0.6
T25A	Trinidad	63.17 63	P	P	11 00 24.4 +0.3
P29A	Atwood	63.22 59	P	P	11 00 24.4 +0.3
O30A	NW Ranch, Wils	63.24 58	P	P	11 00 24.1 -0.2
J35A	Milford	63.30 53	P	P	11 00 24.3 -0.2
N31A	Bailey Ranch,	63.33 57	P	P	11 00 25.1 +0.3
VSU	Vasula	63.38 336	eP	P	11 00 25.3 +0.6
K34A	Le Mars	63.38 54	P	P	11 00 24.6 -0.5
I36A	Fitzsimmons Fa	63.38 52	P	P	11 00 24.9 -0.1
PHET	Kaeng Krachan	63.46 256	P	P	11 00 28.0 +2.1
H37A	Dierke Farm, C	63.48 51	P	P	11 00 26.2 +0.5
OBH	Obninsk	63.48 329	eP	P	11 00 25.7 +0.2
OBH	Obninsk		eP	P	11 01 06.4
OBH	Obninsk		S	S	11 08 57.8 +1.5
OBH	Obninsk		eSS	S	11 13 06.1 +3.6
OBH	Obninsk		MLR	MLR	
P30A	Selden	63.62 59	P	P	11 00 26.7 0.0
ANMO	Albuquerque	63.66 66	dP	P	11 00 27.9 +0.6
ANMO	Albuquerque		eP	P	11 00 27.8 +0.5
ANMO	Albuquerque		eP	P	11 00 38.6 +2.5
ANMO	Albuquerque		eP	P	11 01 04.0 +0.6
I37A	Lemond, Waseca	63.68 51	P	P	11 00 27.7 +0.7
LAZ	Ladron	63.68 67	eP	P	11 00 28.4 +0.9
R28A	Tribune	63.68 61	P	P	11 00 27.1 -0.2
Q29A	Oakley	63.72 60	P	P	11 00 27.4 0.0
J36A	Seneca 1, Swea	63.75 52	P	P	11 00 27.5 +0.1
K35A	Storm Lake	63.77 53	P	P	11 00 27.5 -0.2
LPM	Los Pinos Moun	64.03 67	eP	P	11 00 30.6 +0.9
Q30A	Quinter	64.05 59	P	P	11 00 29.6 0.0
P31A	Stockton	64.08 58	P	P	11 00 29.4 -0.4
O32A	Brockman Farm,	64.10 57	P	P	11 00 29.5 -0.4
J37A	Redenius Farm,	64.14 52	P	P	11 00 30.0 0.0
I38A	Scanlan Farm,	64.16 51	P	P	11 00 29.9 -0.3
NB2	NORSAR Subarra	64.17 345	P	P	11 00 29.4 -0.6
NB2	NORSAR Subarra	64.17 345	P	P	11 00 29.4 -0.6
NOA	NORSAR Array B	64.17 345	P	P	11 00 29.7 -0.3

NOA	NORSAR Array B	64.17 345	P	P	11 00 29.7 -0.3
S28A	MacClaskey Farm	64.19 61	P	P	11 00 30.6 -0.1
K36A	Gilmore City	64.22 53	P	P	11 00 30.5 0.0
P32A	Huiling Farm,	64.41 58	P	P	11 00 31.1 -0.8
CBKS	Cedar Bluff,	64.42 59	P	P	11 00 31.0 -1.0
Q31A	Ellis	64.46 59	P	P	11 00 31.4 -0.8
M35A	Neola	64.49 55	P	P	11 00 32.5 +0.1
K37A	Belmond	64.51 52	P	P	11 00 31.8 -0.7
L36A	Harm Buss Farm	64.52 53	P	P	11 00 31.9 -0.7
R30A	Dighton	64.53 60	P	P	11 00 32.4 -0.3
N34A	Lincoln	64.56 56	P	P	11 00 32.3 -0.6
S29A	Ulysses	64.58 61	P	P	11 00 33.2 0.0
O33A	Hebron	64.59 57	P	P	11 00 32.4 -0.6
HFS	Hagfors	64.61 343	P	P	11 00 31.9 -0.9
HFS	Hagfors	64.61 343	P	P	11 00 31.9 -0.9
J38A	Wedel Dairy, R	64.64 51	P	P	11 00 32.8 -0.5
121A	Cookes Peak, D	64.69 69	P	P	11 00 34.8 +0.7
121A	Cookes Peak, D	64.69 69	eP	P	11 00 34.4 +0.3
LPSR	Galich'ya Gora	64.80 326	eP	P	11 00 33.9 -0.3
LPSR	LPSR		eP	P	11 00 33.9
LPSR	LPSR		eP	P	11 00 33.9
LPSR	LPSR		eP	P	11 00 33.9
T29A	Hugoton	64.84 61	P	P	11 00 35.1 +0.3
Q32A	Meitler Ranch,	64.90 58	P	P	11 00 34.2 -1.0
S30A	Montezuma	64.92 60	P	P	11 00 35.2 -0.2
R31A	Burdett	64.92 59	P	P	11 00 34.3 -1.0
M36A	Felix Anita	64.94 54	P	P	11 00 35.0 -0.3
L37A	Phoenix Point,	64.94 53	P	P	11 00 34.5 -0.8
O34A	Brighton	64.96 56	P	P	11 00 34.7 -0.8
N35A	Tabor	64.97 55	P	P	11 00 33.9 -1.6
VRH	Novokhoporsky	64.97 323	eP	P	11 00 34.1 -1.2
VRH	Novokhoporsky		eP	P	11 00 34.1
VRH	Novokhoporsky		eP	P	11 00 34.1
K38A	Parkersburg	65.02 52	P	P	11 00 34.4 -1.3
SCHO	Schefferville	65.20 29	P	P	11 00 35.8 -1.0
R32A	Long Quarter,	65.25 59	P	P	11 00 36.5 -0.9
Q33A	Connelly Farm,	65.27 58	P	P	11 00 36.7 -0.8
L38A	Oak Wood Farm,	65.31 52	P	P	11 00 36.9 -0.9
M37A	Trindle Farm,	65.34 54	P	P	11 00 37.4 -0.6
SCIA	State Center	65.37 53	eP	P	11 00 38.1 +0.1
P34A	Walnut Farm, R	65.37 57	P	P	11 00 36.8 -1.4
S32A	Newby Ranch, P	65.57 59	P	P	11 00 39.3 -0.9
R33A	Olander Ranch,	65.71 58	P	P	11 00 38.6 -1.8
M38A	Pleasantville	65.75 53	P	P	11 00 40.2 -0.3
N37A	Lee Faris, Mou	65.76 54	P	P	11 00 40.6 0.0
Q34A	Chapman	65.78 57	P	P	11 00 39.4 -1.4
P35A	Duane Minner,	65.79 56	P	P	11 00 39.5 -1.4
KSU1	Kansas State U	65.81 57	P	P	11 00 39.6 -1.4
O36A	Bolkow	65.86 55	P	P	11 00 39.9 -1.4
VSR	Storzhevoye	65.87 325	eP	P	11 00 40.2 -0.9
VSR	Storzhevoye		eP	P	11 00 40.2
VSR	Storzhevoye		eP	P	11 00 40.2
VSR	Storzhevoye		eP	P	11 00 40.2
JFWS	Jewell Farm	66.00 50	P	P	11 00 41.0 -1.1
JFWS	Jewell Farm		eP	P	11 00 41.0
JFWS	Jewell Farm		eP	P	11 00 41.0
WORD	Divnogorie	66.03 325	eP	P	11 00 41.0 -1.2
WORD	Divnogorie		eP	P	11 00 41.0
WORD	Divnogorie		eP	P	11 00 41.0
WORD	Divnogorie		eP	P	11 00 41.0
T32A	Huddler Ranch,	66.07 60	P	P	11 00 41.3 -1.4
R34A	Isabella Hill	66.09 58	P	P	11 00 41.4 -1.4
P36A	Good Intent, A	66.13 56	P	P	11 00 42.2 -0.8
N38A	Joos South For	66.21 54	P	P	11 00 42.5 -1.0
Q35A	Mercer Eighty,	66.29 57	P	P	11 00 42.8 -1.3
AMTX	Amarillo	66.33 63	P	P	11 00 43.2 -1.3
MSTX	Muleshoe	66.42 65	P	P	11 00 45.2 +0.1
MSTX	Muleshoe		eP	P	11 00 45.1 +0.1
SURA	Surathani	66.45 253	P	P	11 00 48.0 +2.7
N39A	Derby Farms, D	66.50 53	P	P	11 00 44.9 -0.5
NACMG	Nearctic	66.52 334	eP	P	11 00 44.0 -1.2
CPRX	Cap Rock	66.52 66	eP	P	11 00 46.0 +0.2
MICMG	Minsk	66.57 333	eP	P	11 00 45.0 -0.6
MINK	Minsk	66.57 333	eP	P	11 00 45.0 -0.6
P37A	Lathrop	66.58 55	P	P	11 00 45.1 -0.8
O38A	Galt	66.61 54	P	P	11 00 45.1 -0.9
R35A	Emporia Muncil	66.61 57	P	P	11 00 45.3 -0.9
S34A	Willow Spring	66.62 58	P	P	11 00 44.6 -1.6
MNTX	Cornudas Mount	66.67 68	P	P	11 00 47.1 +0.5
MNTX	Cornudas Mount		eP	P	11 00 47.2 +0.5
P38A	Dawn	66.96 55	P	P	11 00 47.7 -0.7
R36A	Goton, Harris	66.97 57	P	P	11 00 47.0 -1.4
W31A	Holland Ranch,	67.03 62	P	P	11 00 49.1 +0.1
S35A	Other Creek Ra	67.04 58	P	P	11 00 47.6 -1.3
U33A	Lingo Farm, Me	67.06 60	P	P	11 00 48.2 -0.8
Q37A	Longview Farm,	67.07 56	P	P	11 00 47.8 -1.2

CLNB	Carlsbad	67.09 67	eP	P	11 00 49.3 0.0
X30A	Coker Ranch, T	67.09 63	P	P	11 00 48.6 -0.7
T34A	MacClaskey Farm	67.09 59	P	P	11 00 48.2 -1.1
V32A	Arapaho	67.11 61	P	P	11 00 49.1 -0.3
U34A	Anderson Ranch	67.36 59	P	P	11 00 50.3 -0.6
U34A	Anderson Ranch	67.36 59	eP	P	11 00 50.1 -0.8
S36A	Lake Cedric, C	67.38 57	P	P	11 00 49.8 -1.3
Q38A	Cooks Store, C	67.42 55	P	P	11 00 50.4 -0.9
V33A	Lossen Ranch,	67.43 60	P	P	11 00 50.7 -0.7
X31A	McDonald Ranch	67.44 62	P	P	11 00 51.8 +0.4
P39A	Salisbury	67.45 54	P	P	11 00 50.8 -0.6
W32A	Sentinel	67.45 61	P	P	11 00 51.3 -0.3
Y30A	Stafford Catti	67.51 63	P	P	11 00 52.4 +0.4
T35A	Sooner Cattle	67.53 58	P	P	11 00 51.1 -0.8
Q39A	Willow Grove F	67.68 55	P	P	11 00 52.1 -0.7
S37A	Fort Scott	67.74 57	P	P	11 00 52.0 -1.3
T36A	Boggs Farm, Ca	67.74 58	P	P	11 00 52.0 -1.3
Y31A	Releta Farm,	67.79 63	P	P	11 00 53.4 -0.3
V34A	Guthrie	67.83 60	P	P	11 00 53.3 -0.6
V34A	Guthrie	67.83 60	eP	P	11 00 53.5 -0.4
U35A	Pawnee	67.83 59	P	P	11 00 53.3 -0.6
Z30A	Sanderson Ranc	67.83 64	P	P	11 00 53.7 -0.3
W33A	Caddo, Fort Co	67.85 61	P	P	11 00 54.0 -0.1
R38A	Fenwick Farm,	67.88 56	P	P	11 00 52.3 -1.8
X32A	Elmer	67.97 62	P	P	11 00 54.8 0.0
WMOK	Wichita Mounta	68.00 61	eP	P	11 00 54.8 -0.2
WMOK	W				

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Cimerak, Pagerwojo, Cisompet, Garu, Ngawi, Ujung Watu, Cibong, Lembang, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Koldanda, Poona, Lanzhou, Beijing, Wanjia, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ENA, NNS, CHNS, WNT, STYT, etc.

IDC 11 12:46:29.8,3.0,38.05S:77.78E,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.6/39,mbtmp3.8/4,MS3.6/5,Ms1 3.5/5, ms1mx3.1/41, Error ellipse: s-maj=101.6km s-min=39.8km az=35.0, Mid-Indian Ridge

BUI 11 12:52:25.4,32°29'N:114°93'W,h21km,mb4.8/1,mb5.0/1, Ms5.2/2,Ms7 4/82 NEIC 11 12:52:26.8,32°18'N:115°23'W,h19km,mb4.6/30, MD4.8(MX),ML4.7(ECX),ML4.9(PAS), After ECX. NEIC FEL [II] at Mexicali and [II] at Ensenada. Also felt at Lazaro Cardenas and Tijuana. FEL [IV] at San Luis Rio Colorado, Sonora. Also felt at Puerto Penasco. FEL [III] at Calexico, Holtville and Santee; [II] at Bonita, Carlsbad, Chula Vista, Coronado, El Cajon, El Centro, Jamul, La Jolla, Lakeside, Poway and San Diego, California. FEL [II] at Somerton, Wellton and Yuma, Arizona.

GCMT 11 12:52:26.8,32.31N:115.22W,h15km,1km,MMV4.8/79, Moment Tensor Solution. s19,c20; s79,c110; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-0.74; 0.9; Mth-1.38; 0.7; Mtt-2.12; 0.9; Mlo-0.52; 2.4; Mbo-1.06; 0.7; Mbo-0.59; 2.3; Best double couple: M2.18400; 1016 NP1.9s122.000000, s85.000000, lambda-157.000000; NP2: p=29.000000, s67.000000, lambda-6.000000; N -0.7710, Plig6.0000; Azm134.0000; P -1.7990, Plig20.0000; Azm348.0000; nstla refers to body waves, cutoff=40s. nstla refers to surface waves, cutoff=50s. IDC 11 12:52:26.8,32.31N:115.22W,h0km,mb4.1/11, mb1 4.4/17,mb1mx4.2/44,mbtmp4.2/17,ML4.0/5,MS4.1/21, Ms1 4.1/21,ms1mx3.8/43, Error ellipse: s-maj=18.1km s-min=10.3km az=55.0

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MBIG Mexicali, MBIG Cerro Prieto, CPBX Cerro Prieto, etc.

11d 12h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Cook Ranch, La Rumorosa, RMX, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUG, Tugway, Maple Canyon, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUG, Tugway, Maple Canyon, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUG, Tugway, Maple Canyon, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUG, Tugway, Maple Canyon, etc.

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

AUST 11 13:07:28.9,99.0, 12:53:165.85, h0km, 1km, Error ellipse: s-maj=5.2km s-min=2.1km az=2.0

ISCJB 11 13:07:41.6, 1.1, 12:99:05.08, 167.0E, 0.2, h200km, mb3.8/6, Error ellipse: s-maj=21.2km s-min=10.7km

IDC 11 13:07:44.7, 5.4, 13:13:166.95E, h217km, 50km, mb3.5/6, mb1.6/7, mtmx3.3/7, mbtmp4.0/7, Error ellipse: s-maj=33.9km s-min=23.0km az=10.0

ISC 11 13:07:49.1, 1.1, 13:04:05.10, 167.0E, 0.2, h200km, n17, c078/17, mb3.8/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Roma, Armadale, etc.

ISCJB 11 13:13:47.0, 0.5, 23:24:05.07, 179.85W, 0.08, h543km, mb4.0/13, Error ellipse: s-maj=10.9km s-min=7.5km az=44.3

IDC 11 13:13:47.8, 1.9, 23:10:5.17, 179.80W, h536km, 20km, mb3.5/13, mb1.1/3, mtmx3.5/29, mbtmp4.4/15, Error ellipse: s-maj=15.1km s-min=14.8km az=172.0

AUST 11 13:14:39.3, 23:45:173.81E, h600km, ISC 11 13:14:48.2, 0.6, 23:15:01.1, 179.83W, 0.10, h543km, n43, c1508/43, mb3.8/13, 1D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, VANDA Vanda, MAW Warramunga Arr, etc.

ISK 11 13:33:17.8, 37:60N, 36:13E, h8km, MD3.0, DDA 11 13:33:17.6, 37:62N, 36:13E, h11km, MD3.2

ISCJB 11 13:33:18.1, 0.6, 37:57N, 0:03, 36:12E, 0.2, h2km, 5km, Error ellipse: s-maj=5.8km s-min=2.9km az=178.7

CSEM 11 13:33:18.4, 0.2, 37:56N, 36:13E, h10km, MD3.0, Error ellipse: s-maj=6.6km s-min=3.8km az=168.0

ISC 11 13:33:18.6, 0.9, 37:55N, 0:03, 36:13E, 0.2, h14km, 7km, n40, c066/59, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOZT Koazan, AKO Adana, AYKD Aykinkavak, etc.

ISCJB 11 13:43:17.6, 0.5, 21:85S, 0:03, 179:26W, 0.02, h574km, 6km, mb5.1/244, Error ellipse: s-maj=4.2km s-min=2.9km az=161.2

BUI 11 13:43:17.0, 21:87S, 178:50W, h601km, mb5.1/51, mb5.3/38

IDC 11 13:43:18.7, 0.5, 21:70S, 179:24W, h577km, 5km, mb4.6/34, mb1.4/73, mtmx4.7/37, mbtmp5.5/37, Error ellipse: s-maj=8.1km s-min=7.4km az=149.0

AUST 11 13:43:18.7, 0.6, 21:67S, 179:12W, h581km, 10km, Error ellipse: s-maj=10.2km s-min=6.3km az=114.0

MOS 11 13:43:19.3, 0.1, 21:70S, 179:35W, h592km, mb5.1/48, Error ellipse: s-maj=9.0km s-min=7.7km az=60.4

BGR 11 13:43:20.9, 21:91S, 179:65E, h600km, GCMT 11 13:43:20.6, 0.2, 21:88S, 179:06W, h603km, 1km, MW5.5/86, Moment Tensor Solution. s86.c130; s16.c16;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URFA Urfu, YAYX Yaylak, KAMT Kaman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MVSF Nonsavu, MVSF Nonsavu, MVSF Raoul Island, etc.

ISCJB 11 13:43:20.6, 0.5, 23:24:05.07, 179.85W, 0.08, h543km, mb4.0/13, Error ellipse: s-maj=10.9km s-min=7.5km az=44.3

IDC 11 13:13:47.8, 1.9, 23:10:5.17, 179.80W, h536km, 20km, mb3.5/13, mb1.1/3, mtmx3.5/29, mbtmp4.4/15, Error ellipse: s-maj=15.1km s-min=14.8km az=172.0

AUST 11 13:14:39.3, 23:45:173.81E, h600km, ISC 11 13:14:48.2, 0.6, 23:15:01.1, 179.83W, 0.10, h543km, n43, c1508/43, mb3.8/13, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, MWZ Matawai, CNZ Carnagh Statio, etc.

11d 13h

Table with columns: PPT, Papeete, 28.22 87, P, P, 13 48 25.6 -1.2, etc. Lists various stations and their frequencies.

2010 DEC

Table with columns: KNRA, Kununurra, 49.44 268, P, P, 13 51 16.6 -0.8, etc. Lists various stations and their frequencies.

458

Table with columns: MAJO, Matsushiro, 70.61 325, eP, P, 13 53 35.5 -1.3, etc. Lists various stations and their frequencies.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for stations like SKS, S, 14 05 27.0, -54, and various other call signs and frequencies.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for stations like BVAR, OPO, comp=Z,2.0nm,0.9s, and various other call signs and frequencies.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for stations like HFS, Hagfors, 140.65 350, PKHKP, and various other call signs and frequencies.

11d 14h

Table with columns: BRG, comp, station name, time, and other parameters. Includes stations like Berggiesshübel, Long Mynd, Panska Ves, etc.

2010 DEC

Table with columns: DAVOX, comp, station name, time, and other parameters. Includes stations like Davox, Davos/Dischmat, MVO, etc.

462

Table with columns: CTA, STKA, ASAR, WRA, FITZ, AKASG, station name, time, and other parameters.

NEIC 11 13:55:26.0, 32°21'N, 115°27'W, h6km, ML2.7(PAS), ECX 11 13:55:26.9, 0.6, 32°21'N, 115°26'W, h6km, MD2.8, ML3.1, 4C-80, California-Baja California border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mexicali, Cerro Prieto, Imperial Bould, etc.

ISCJB 11 14:02:43.9, 0.6, 21°39'0.1, 179°1'W, 0.1, h576km, mb3.5/10, Error ellipse: s-maj=20.6km s-min=12.2km

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Damar, Furi, Kilima Mbogo, etc.

ISCJB 11 14:02:44.2, 21°32'S, 179°04'W, h570km, 27km, mb3.0/10, Error ellipse: s-maj=20.8km s-min=14.3km az=152.0

ISC 11 14:02:44.7, 0.7, 22°05.0, 178°39.0, n14, s103/15, mb3.5/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Afiamalu, DZM, URZ, etc.

ISC 11 13:50:22.7, 8.1, 21°47'S, 178°52'W, h562km, 76km, mb3.5/5, mb1.3/5, mb1mx3/136, mbtmp4/7, Error ellipse: s-maj=77.1km s-min=32.9km az=45.0, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COVZ Chateau Observ, MWZ Matawai, TRWZ Traveller, etc.

WEL 11:15:52.2±0.6,35.655±178.60E,h217km,6km,ML3.9/14, 1C-1D,Error ellipse: s-maj=6.3km s-min=5km az=0.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waioamatatini S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTW Mount Morrison, CAW Cannon Point, TRWZ Traveller, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBK Karagaybulak, HATD Hatta, FRU Frunze, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTO, WMQ, MDRS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA, Gaotai, MALT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BR231, KONT, LADK, etc.

Table with columns for station call letters, name, frequency, mode, and coordinates. Includes stations like DOPR, SIYA, BURAR, etc.

Table with columns for station call letters, name, frequency, mode, and coordinates. Includes stations like GERES, KHC, CHANGCHUN, etc.

Table with columns for station call letters, name, frequency, mode, and coordinates. Includes stations like LSZ, TOAD, TORO, etc.

Table with columns: YKA, comp-Z, 1.0m, 0.8s, pmax, pmax, STKA, Stephens Creek, 92.20 126 P, P, 15 47 38.1 +0.2, etc.

IDC 11 15:53:26.62.4.15,465x177.24W,h370km,31km, mb3.1/4,mb1 3.3/5,mb1mx3.0/33,mbtmp3.9/5, Error ellipse: s-maj=37.4km s-min=22.4km az=129.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, AFI Afiamalu, 5.51 74 P, Pn, 16 00 53.5 +0.7, etc.

IDC 11 15:58:34.71.6.39,32Nk:110.59E,h0km,mb3.5/6, mb1 3.7/8,mb1mx3.5/40,mbtmp3.6/8,ML2.8/2, Error ellipse: s-maj=30.2km s-min=26.1km az=96.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, SONM Songoing Array, 8.70 340 P, Pn, 16 00 45.3 +0.3, etc.

DJA 11 16:04:09.5-0.4,3.5'S:12.8'E,h19km,7km, M4.0/12, mb4.5/2,mb4.9/1,MLV3.8/12,Mw(mb)4.2/1,Seram

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, NLAJ Namlea, 0.70 251 P, Pn, 16 04 22.7 -0.3, etc.

IDC 11 16:09:14.42.5.30,22N:68.73E,h0km,mb3.3/6, mb1 3.5/7,mb1mx3.2/48,mbtmp3.3/7,ML2.6/1, Error ellipse: s-maj=87.8km s-min=25.6km az=80.0

ISCJB 11 16:09:17.2.1.9,30.4N:0.169.1E:0.5,h20km,mb3.3/6, Error ellipse: s-maj=60.4km s-min=20.1km az=174.3

ISC 11 16:09:18.62.2.30,4N:22.69E:0.5,h20km,n8,az134/8, mb3.3/6,Pakistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, AAK Ala-Archa, 12.96 18 Op, Pn, 16 17 20.2 -1.6, etc.

IDC 11 16:38:33.62.4.5:91S:130.60E,h0km,mb3.8/1, mb1 3.8/3,mb1mx3.5/26,mbtmp3.7/3,ML3.7/2, Error ellipse: s-maj=150.5km s-min=30.2km az=71.0

ISCJB 11 16:38:46.9:1.0,30.5E:0.1,h100km, mb3.6/1, Error ellipse: s-maj=19.8km s-min=8.0km az=0.1

AUST 11 16:38:46.9:6.48S:130.03E,h100km, az=263/12, Banda Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, SAUI Saumlaki, 1.58 155 P, Pn, 16 39 22.4 +9.0, etc.

Table with columns: KDU Kakadu, 6.37 164 P, Pn, 16 40 22.1 +4.6, etc.

NNC 11 16:43:42.7.4.6,3830N:72.15E,h0km,mb4.0,mpv3.6, 9C-3D, Error ellipse: s-maj=37.1km s-min=32.9km az=145.0, Tajikistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, SFK Sufi-Kurgan, 2.00 31 P, Pn, 16 44 15.8 -2.3, etc.

ISCJB 11 16:45:58.4.0.21,14S:0'08:179:12W:0.09,h619km, mb4.0/16, Error ellipse: s-maj=12.7km s-min=7.1km az=42.8

IDC 11 16:45:58.7:1.3,21:12S:179:12W,h606km,15km, mb3.4/14,mb1 3.7/16,mb1mx3.6/28,mbtmp4.4/16, Error ellipse: s-maj=16.0km s-min=11.1km az=135.0

AUST 11 16:45:59.1:4.4,21:26S:178:74W,h632km, Error ellipse: s-maj=2.7km s-min=2.1km az=257.0

ISC 11 16:45:59.2:0.5,21:10S:0'10:179:11W:0.09,h619km, n41,1:930/46,mb4.0/16,4C,Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, AFI Afiamalu, 10.00 46 P, Pn, 16 48 17.2 -1.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ASAR Alice Springs, 43.37 257 P, Pn, 16 53 09.3 +0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, WRA Warrungarra Arr, 43.49 263 P, Pn, 16 53 09.9 -0.2, etc.

Table with columns: comp-Z, 2.7m, 1.0s, baz=157,slow=4.7,SNR=2.5, IDC 11 17:13:28.6:0.6,25.26Sx176:28W,h0km,mb4.3/18, mb1 4.5/19,mb1mx4.4/31,mbtmp4.3/19,ML5.0/1,MS3.8/21, Ms1 3.8/21,ms1mx3.7/33, Error ellipse: s-maj=19.6km s-min=16.1km az=137.0

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 P, Pn, 17 14 34.5 -0.5, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 14 33.0 -2.0, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 15 22.8 +0.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 15 27.5 -7.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 15 49.9 +4.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 15 47.7 +2.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 16 19.4 -2.0, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 16 16.3 -8.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 16 47.0 -1.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 16 54.2 -3.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 16.1 -9.1, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 55.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 16 51.6 +1.1, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 13.5 -1.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 05.9 +1.5, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 07.9 -2.0, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 22 01.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 03.6 -8.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 28.5 +6.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 17.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 25.4 +3.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 25.2 +9.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 17.3 -5.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 17 43.0 -6.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 04.1 -1.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 46.3 -6.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 03.6 -2.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 04.8 -2.5, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 06.6 -1.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 11.3 -3.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 26 18.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 11.9 -3.1, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 18.4 -0.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 27.9 +3.1, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 27.3 -1.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 32.4 -1.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 46.2 -0.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 18 47.5 +1.0, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 24 42.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 43 49.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 45 02.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 25 18.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 26 36.0, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 45 59.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 47 16.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 28 30.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 48 58.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 32.9 +3.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 36.1 +0.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 35.6 +0.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 19 48.9 -3.8, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 22.0 -0.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 21.7 -1.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 27.3 -0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 44.3 +0.2, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 34 55.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 50.0 +5.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 24 46.6 +0.5, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 30 45.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 18 00 20.9, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 49.4 -1.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 56.3 +5.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 20 48.9 -2.1, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 03.5 -0.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 03.7 -0.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 22.3 -0.6, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 46.4 -1.5, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 46.9 -1.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 23 27.8 -0.3, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 39 46.7, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 50.8 -1.4, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 50.6 -1.8, etc.

Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, RAO Raoul Island, 4.16 201 ePn, Pn, 17 21 50.3 -2.1, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, KNRA Kunurra, SBA Scott Base, VDA Vanda, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, NOA NORSAR Subarray, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Includes stations like KAHC Katmai Hardscr, BAGL Bagley Icefield, KVTA Katmai V10, etc.

11d 17h

PNCL	Nicolau / Gran	3.89	78	ePn	Pn	17 43 12.7 +0.7
PNCL				eSn	Pn	17 43 59.1 +1.4
PNCL				A	Pn	17 44 03.8
comp=N, 15nm, 0.1s						
PNCL	Nicolau / Gran	3.89	78	ePn	Pn	17 43 12.7 +0.7
PNCL				eSn	Pn	17 43 59.1 +1.4
comp=N, 15nm, 0.1s						
MESJ	Messejana	4.10	83	ePn	Pn	17 43 16.0 +1.1
MESJ				eSn	Pn	17 44 02.2 +1.5
MESJ				A	Pn	17 44 09.2
comp=N, 18nm, 0.5s						
MESJ	Messejana	4.10	83	eP	Pn	17 43 15.9 +1.0
MESJ				eS	Pn	17 44 04.5 +1.5
MESJ				AML	Pn	17 44 06.2
comp=N, 10.0nm, 0.3s						
MESJ	Messejana	4.10	83	P	Pn	17 43 15.9 +1.0
MESJ				Pn	Pn	17 43 16.0 +1.1
MESJ				Sn	Pn	17 44 04.4 +1.5
comp=N, 18nm, 0.5s						
MESJ				S	Sn	17 44 04.5 +1.5
comp=N, 10.0nm, 0.3s						
ALMR	Almeirim	4.14	64	eP	Pn	17 43 16.2 +0.8
ALMR				eS	Pn	17 44 05.1 +1.2
ALMR				AML	Pn	17 44 06.3
comp=N, 10nm, 0.1s						
ALMR	Almeirim	4.14	64	P	Pn	17 43 16.2 +0.8
ALMR				S	Pn	17 44 05.1 +1.2
comp=N, 5.2nm, 0.1s						
ALMR	Almeirim	4.14	64	P	Pn	17 43 16.2 +0.8
ALMR				S	Pn	17 44 05.1 +1.2
comp=N, 5.2nm, 0.1s						
EVOP	Sao Brissos	4.28	73	ePn	Pn	17 43 18.3 +1.0
EVOP				eSn	Pn	17 44 08.7 +1.3
comp=N, 14nm, 0.4s						
PBDV	Barranco-do-Ve	4.33	91	ePn	Pn	17 43 19.2 +1.1
PBDV				eSn	Pn	17 44 10.1 +1.5
PBDV				A	Pn	17 44 17.8
comp=N, 9.7nm, 0.4s						
PBDV	Barranco-do-Ve	4.33	91	Pn	Pn	17 43 19.2 +1.1
PBDV				Sn	Pn	17 44 10.1 +1.5
comp=N, 9.7nm, 0.4s						
PBDV	Barranco-do-Ve	4.33	91	Pn	Pn	17 43 19.2 +1.1
PBDV				eSn	Pn	17 44 10.1 +1.5
comp=N, 9.7nm, 0.4s						
EVO	Evora	4.37	74	ePn	Pn	17 43 18.3 -0.2
EVO				eSn	Pn	17 44 08.7 -0.8
comp=N, 28nm, 0.4s						
PTOM	Tomar	4.46	59	ePn	Pn	17 43 21.2 +1.4
PTOM				eSn	Pn	17 44 14.3 +2.6
PTOM				A	Pn	17 44 17.4
comp=N, 15nm, 0.2s						
PTOM	Tomar	4.46	59	Pn	Pn	17 43 21.2 +1.4
PTOM				Sn	Pn	17 44 14.3 +2.6
comp=N, 7.5nm, 0.2s						
PTOM	Tomar	4.46	59	Pn	Pn	17 43 21.2 +1.4
PTOM				eSn	Pn	17 44 14.3 +2.6
comp=N, 15nm, 0.2s						
PVAQ	Vaqueiros	4.49	89	ePn	Pn	17 43 21.1 +0.8
PVAQ				eSn	Pn	17 44 14.0 +1.4
PVAQ				A	Pn	17 44 19.3
comp=N, 19nm, 0.2s						
PVAQ	Vaqueiros	4.49	89	Pn	Pn	17 43 21.1 +0.8
PVAQ				Sn	Pn	17 44 14.0 +1.4
comp=N, 19nm, 0.2s						
PVAQ	Vaqueiros	4.49	89	Pn	Pn	17 43 21.1 +0.8
PVAQ				eSn	Pn	17 44 14.0 +1.4
comp=N, 19nm, 0.2s						
PCAS	Casmilo, Conde	4.62	54	ePn	Pn	17 43 22.9 +0.9
PCAS				eSn	Pn	17 44 17.4 +1.7
PCAS				A	Pn	17 44 20.1
comp=N, 14nm, 0.5s						
PCAS	Casmilo, Conde	4.62	54	ePn	Pn	17 43 22.9 +0.9
PCAS				eSn	Pn	17 44 17.4 +1.7
comp=N, 14nm, 0.5s						
EGRO	Ei Granado	4.68	87	IPn	Pn	17 43 23.8 +1.1
EGRO				Sn	Pn	17 44 18.5 +1.4
comp=N, 6.5nm, 0.2s, SNR=6.5						
EGRO	Ei Granado	4.68	87	Pn	Pn	17 43 23.8 +1.1
EGRO				eSn	Pn	17 44 18.5 +1.4
comp=N, 6.5nm, 0.2s, SNR=6.5						
EBAR	Barrancos	5.06	80	ePn	Pn	17 43 30.2 +2.1
EBAR				eSn	Pn	17 44 27.7 +1.1
EBAR				A	Pn	17 44 33.7
comp=N, 12nm, 0.7s						
EBAR	Barrancos	5.06	80	Pn	Pn	17 43 30.2 +2.1
EBAR				Sn	Pn	17 44 27.7 +1.1
comp=N, 12nm, 0.7s						
EBAR	Barrancos	5.06	80	Pn	Pn	17 43 30.2 +2.1
EBAR				eSn	Pn	17 44 27.7 +1.1
comp=N, 12nm, 0.7s						
PMRV	Marv??o	5.10	65	ePn	Pn	17 43 29.7 +1.1
PMRV				eSn	Pn	17 44 28.5 +1.0
PMRV				A	Pn	17 44 32.4
comp=N, 11nm, 0.2s						
PMRV	Marv??o	5.10	65	Pn	Pn	17 43 29.7 +1.1
PMRV				Sn	Pn	17 44 28.5 +1.0
comp=N, 11nm, 0.2s						
PMRV	Marv??o	5.10	65	Pn	Pn	17 43 29.7 +1.1
PMRV				eSn	Pn	17 44 28.5 +1.0
comp=N, 11nm, 0.2s						
EBAD	Badajoz	5.18	73	Pn	Pn	17 43 30.5 +0.8
EBAD				Sn	Pn	17 44 30.0 +0.5
comp=N, 3.6nm, 0.2s, SNR=7.9						
EBAD	Badajoz	5.18	73	Pn	Pn	17 43 30.5 +0.8
EBAD				Sn	Pn	17 44 30.0 +0.5
comp=N, 0.6nm, 0.1s, SNR=25						
EBAD	Badajoz	5.18	73	Pn	Pn	17 43 30.5 +0.8
EBAD				Sn	Pn	17 44 30.0 +0.5
comp=N, 0.6nm, 0.1s, SNR=25						
EBAD	Badajoz	5.18	73	Pn	Pn	17 43 30.5 +0.8
EBAD				Sn	Pn	17 44 30.0 +0.5
comp=N, 3.6nm, 0.2s, SNR=7.9						
PCBR	Castelo Branco	5.20	61	ePn	Pn	17 43 31.3 +1.3
PCBR				eSn	Pn	17 44 30.7 +0.7
PCBR				A	Pn	17 44 34.7
comp=N, 5.8nm, 0.2s						
PCBR	Castelo Branco	5.20	61	Pn	Pn	17 43 31.3 +1.3
PCBR				Sn	Pn	17 44 30.7 +0.7
comp=N, 2.9nm, 0.2s						
PCBR	Castelo Branco	5.20	61	Pn	Pn	17 43 31.3 +1.3
PCBR				eSn	Pn	17 44 30.7 +0.7
comp=N, 5.8nm, 0.2s						
EMIN	Mina Concepcio	5.32	84	Pn	Pn	17 43 32.8 +1.1
EMIN				Sn	Pn	17 44 33.6 +0.5
comp=N, 0.7nm, 0.1s, SNR=7.1						
EMIN	Mina Concepcio	5.32	84	Pn	Pn	17 43 32.8 +1.1
EMIN				Sn	Pn	17 44 33.6 +0.5
comp=N, 0.5nm, 0.1s, SNR=35						
EMIN	Mina Concepcio	5.32	84	Pn	Pn	17 43 32.8 +1.1
EMIN				Sn	Pn	17 44 33.6 +0.5
comp=N, 0.7nm, 0.1s, SNR=7.1						
PVIS	Viseu	5.38	51	ePn	Pn	17 43 33.2 +0.8
PVIS				eSn	Pn	17 44 34.8 +0.4
PVIS				A	Pn	17 44 41.2
comp=N, 5.7nm, 0.1s						
PVIS	Viseu	5.38	51	Pn	Pn	17 43 33.2 +0.8
PVIS				Sn	Pn	17 44 34.8 +0.4
comp=N, 2.8nm, 0.1s						
PVIS	Viseu	5.38	51	Pn	Pn	17 43 33.2 +0.8
PVIS				eSn	Pn	17 44 34.8 +0.4
comp=N, 5.7nm, 0.1s						
MTE	Manteigas	5.42	55	ePn	Pn	17 43 32.9 -0.2
MTE				eSn	Pn	17 44 37.7 +2.1
MTE				A	Pn	17 44 41.5
comp=N, 6.4nm, 0.2s						
MTE	Manteigas	5.42	55	Pn	Pn	17 43 32.9 -0.2
MTE				Sn	Pn	17 44 37.7 +2.1
comp=N, 3.2nm, 0.2s						
MTE	Manteigas	5.42	55	Pn	Pn	17 43 32.9 -0.2
MTE				eSn	Pn	17 44 37.7 +2.1
comp=N, 5.4nm, 0.2s						
PVRL	Vila Real	5.83	47	ePn	Pn	17 43 39.1 +0.5
PVRL				eSn	Pn	17 44 47.4 +1.9
PVRL				A	Pn	17 44 49.9
comp=N, 6.1nm, 0.1s						
PVRL	Vila Real	5.83	47	Pn	Pn	17 43 39.1 +0.5
PVRL				Sn	Pn	17 44 47.4 +1.9
comp=N, 3.1nm, 0.1s						
PVRL	Vila Real	5.83	47	Pn	Pn	17 43 39.1 +0.5
PVRL				eSn	Pn	17 44 47.4 +1.9
comp=N, 6.1nm, 0.1s						
POLO	Lamas de Olo	5.84	46	ePn	Pn	17 43 39.3 +0.4
POLO				eSn	Pn	17 44 45.9 -0.1
POLO				A	Pn	17 44 48.4
comp=N, 3.3nm, 0.7s						
POLO	Lamas de Olo	5.84	46	ePn	Pn	17 43 39.3 +0.4
POLO				eSn	Pn	17 44 45.9 -0.1
POLO				A	Pn	17 44 48.4

2010 DEC

PCAB	Cabril	5.94	42	ePn	Pn	17 43 40.3 +0.1
PCAB				eSn	Pn	17 44 48.0 -0.3
PCAB				A	Pn	17 44 53.4
comp=N, 5.3nm, 0.1s						
PCAB	Cabril	5.94	42	Pn	Pn	17 43 40.3 +0.1
PCAB				Sn	Pn	17 44 48.0 -0.3
comp=N, 2.7nm, 0.1s						
PCAB	Cabril	5.94	42	Pn	Pn	17 43 40.3 +0.1
PCAB				eSn	Pn	17 44 48.0 -0.3
comp=N, 5.3nm, 0.1s						
PGAV	Gavireira, Arco	6.00	39	ePn	Pn	17 43 41.3 +0.3
PGAV				eSn	Pn	17 44 49.4 -0.4
PGAV				A	Pn	17 44 54.5
comp=N, 4.6nm, 0.1s						
PGAV	Gavireira, Arco	6.00	39	Pn	Pn	17 43 41.3 +0.3
PGAV				eSn	Pn	17 44 49.4 -0.4
comp=N, 4.6nm, 0.1s						
ESPR	Espera	6.02	93	Pn	Pn	17 43 42.2 +0.9
ESPR				eSn	Pn	17 44 51.2 +1.0
ESPR				A	Pn	17 44 52.2 +1.0
comp=N, 2.2nm, 0.3s, SNR=7.9						
ESPR	Espera	6.02	93	Pn	Pn	17 43 42.2 +0.9
ESPR				eSn	Pn	17 44 51.2 +1.0
ESPR				A	Pn	17 44 52.2 +1.0
comp=N, 1.5nm, 0.1s, SNR=6.7						
ESPR	Espera	6.02	93	Pn	Pn	17 43 42.2 +0.9
ESPR				eSn	Pn	17 44 51.2 +1.0
ESPR				A	Pn	17 44 52.2 +1.0
comp=N, 2.2nm, 0.3s, SNR=7.9						
ELOB	Lobios	6.04	41	Pn	Pn	17 43 41.0 -0.5
ELOB				Sn	Pn	17 44 49.4 -1.3
comp=N, 6.0nm, 0.2s, SNR=7.9						
ELOB	Lobios	6.04	41	Pn	Pn	17 43 41.0 -0.5
ELOB				Sn	Pn	17 44 49.4 -1.3
comp=N, 0.2nm, 0.1s, SNR=17						
ELOB	Lobios	6.04	41	Pn	Pn	17 43 41.0 -0.5
ELOB				Sn	Pn	17 44 49.4 -1.3
comp=N, 6.0nm, 0.2s, SNR=7.9						
MVO	Moncorvo	6.17	51	ePn	Pn	17 43 43.2 -0.2
MVO				eSn	Pn	17 44 53.2 -0.8
MVO				A	Pn	17 44 55.6
comp=N, 0.9nm, 0.1s, SNR=15						
MVO	Moncorvo	6.17	51	Pn	Pn	17 43 43.2 -0.2
MVO				Sn	Pn	17 44 53.2 -0.8
MVO				A		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BLDU, KLBR, PMG, NWA0, CTA, CTAO, QLP, BBOO, STKA, CMSA, ARPS, CMAR, CHTO, KMI, MJAR, LSA, ODAN, TAPN, RAMN, HHC, KIN, DMN, RPZ, KOLN, USRK, ULN, SONM, WMO, KSH, MK01, MKAR, MKAR, TKM2, AAK, MAW, VDA, VDA, ZALV, ABKAR, GSPA, AKTO, TORD, TXAR, TXAR, CPUP, LVC, LPAZ, etc.

IDC 11 17:57:20.0, 0.9, 23.90N, 45.75W, h0km, mb4.1/18, mb1.4, 3/18, mb1mx4.0/57, mbtmp4.1/18, Error ellipse: s-maj=29.7km s-min=16.7km az=6.0
ISC/JB 11 17:57:21.0, 0.7, 23.9N, 0.2:45.76W, 0.0, h2km, mb4.3/28, Error ellipse: s-maj=21.7km s-min=10.3km az=1.3
NEIC 11 17:57:22.0, 0.5, 23.90N, 45.73W, h10km, mb4.5/10, Error ellipse: s-maj=13.7km s-min=6.6km az=181.0
ISC 11 17:57:22.8, 0.9, 23.9N, 0.2:45.8W, 0.1, h12km, n39, $\phi=60.33, mb4.4/28, Northern Mid-Atlantic Ridge$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAB, H10N2, H10N3, H10N1, H10S3, H10S1, H10S2, TORD, ULM, WLF, VSL, SUMG, TXAR, TXAR, ANMO, NOA, PDAR, PWAY, HWUT, DUG, WALA, SWMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLID, YKA, ELK, NEW, NVAR, AKASO, INK, BRTR, PLCA, KIV, ILAR, COLA, MCK, ARU, AKTO, KURK, KURBB, ZALV, etc.

YARS 11 17:57:51.7, 0.7, 56.43N, 0.003:131.66E, 0.05, h10km, MSV4.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BMKR, KROS, CLNS, IENR, ALDR, TNRD, USMR, YKLR, NBS, YAK, YAK, YAK, etc.

OLMR Olekminsk 7.09 309 eP Pn 17 59 35.5 +0.2

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

ISC/JB 11 18:01:6.0, 1.5, 35.55S, 0.003:72.54W, 0.07, h43km, 6km, mb4.0/9, Error ellipse: s-maj=10.1km s-min=4.1km az=22.3

GUC 11 18:01:01.3, 0.7, 35.58S, 72.50W, h39km, 5km, ML4.3

NEIC 11 18:01:03.4, 1.6, 35.51S, 72.47W, h46km, 13km, mb4.4/2, Error ellipse: s-maj=23.7km s-min=10.5km az=87.0

NEIC Feil [V] at Cauquesines, [I]J at Constitucion, Empedrado, Pencahue and San Javier; [I]J at Cobquecura, Ninhue, Quihue and Talca.

IDC 11 18:10:04.4, 3.0, 35.54S, 72.31W, h51km, 25km, mb3.7/8, mb1.3, 8/11, mb1mx3.7/30, mbtmp3.9/11, ML3.8/3, MS3.2/3, Ms1 3.2, 3/3, mb11m0.8/22, Error ellipse: s-maj=27.7km s-min=15.1km az=97.0

ISC 11 18:10:01.3, 1.3, 35.55S, 0.003:72.54W, 0.05, h24km, 10km, n42, $\phi=183/56, mb4.0/9, 3C-2D, Near coast of central Chile$

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CCHI, NICH, CHPI, CCHI, LNV, CHCH, RCDM, CANA, CLCH, PEL, PEL, ROCI, AAGR, AAGR, ARCO, ARCO, ARCO, AUSA, ASAL, RTLS, RTLC, RTCV, CFAA, CFAA, CFAA, RTLL, RTLL, PLCA, AMOG, AVFE, AVFE, LCO, LCO, TCA, TCA, TROA, LVC, CPUP, LPAZ, SIV, SNA, SNA, SNA, GSPA, TXAR, TXAR, SUTHER, DBIC, BOS, NVAR, TORD, MKAR, etc.

CASC 11 18:11:09.2, 2.1, 8.74N, 83.31W, h13km, 6km, MD3.7, 2C-4D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACR, ACR, COTO, BRU, BRU, TBS, TBS, BRU, BRU, BUS, BUS, QCR, QCR, CGA, CGA, JTS, JTS, etc.

IDC 11 18:22:35.7, 2.4, 5.50S, 106.47E, h221km, 21km, mb3.1/4, mb1.3, 2/4, mb1mx2.9/41, mbtmp3.6/4, MS2.6/1, Ms1 2.8/1, ms1mx2.4/15, Error ellipse: s-maj=137.1km s-min=22.7km az=51.0, Jawa

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

BUI 11 18:31:25.4, 3.7, 71S, 145.58E, h20km, mb4.6/39, mb5.1/32, Ms4.9/25, Ms7.4/22

ISC/JB 11 18:31:27.0, 2.3, 53S, 0.003:145.43E, 0.04, h23km, mb4.8/58, MS4.0/27, Error ellipse: s-maj=5.3km s-min=4.0km az=3.1

IDC 11 18:31:30.1, 3.5, 3.50S, 145.41E, h33km, 26km, mb4.2/15, mb1.4, 4/17, mb1mx4.2/30, mbtmp4.2/17, ML1.8/1, MS4.0/29, Ms1 4.0/29, ms1mx4.0/35, Error ellipse: s-maj=23.1km s-min=10.2km az=105.0

NEIC 11 18:31:30.2, 2.6, 3.43S, 145.36E, h30km, 19km, mb4.9/35, Error ellipse: s-maj=8.6km s-min=7.0km az=157.0

AUST 11 18:31:37.4, 1.1, 3.92S, 145.26E, h76km, 10km, Error ellipse: s-maj=12.2km s-min=6.6km az=54.0

DJA 11 18:31:58.0, 1.7, 5.1S, 145.13E, h35km, 10km, Ms4.8/18, mb4.8/18, Mb5.4/6, MLV4.8/1, Mw(MB)4.9/6

ISC 11 18:31:29.0, 4.0, 3.48S, 0.04:145.48E, h23km, n160, $\phi=159/162, mb4.8/58, MS4.1/27, Near north coast of New Guinea$

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Pongjo Arr, SONM Songino Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, TXAR Lajitas Array.

IDC 11 19:02:27.1.4.37.29S:78.06E h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/37, mbmtpp3.8/5, MS3.6/7, Ms1 3.6/7, ms1mx3.2/34, Error ellipse: s-maj=42.3km s-min=35.5km az=76.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, H0S2 Diego Garcia H, H0S1 Diego Garcia H, H0S3 Diego Garcia H, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Pongjo Arr, KAPI Kappang, WRA Warrungarra Arr, STKA Stephens Creek, VANDA Vanda, QSPA South Pole Qui, MKAR Makanchi Array, TORD Torodi Ar. Bea, SONM Songino Arr, PLCA Pasoflores, YKA Yellowknife Arr.

IDC 11 19:14:41.3.1.1.18.99N:120.87E, h0km, mb3.2/5, mb1 3.5/5, mb1mx3.4/42, mbmtpp3.2/5, MS2.7/1, Ms1 2.9/1, ms1mx2.4/23, Error ellipse: s-maj=40.1km s-min=23.2km az=61.0

ISCJB 11 19:14:42.9.2.4.19.20N:0.05:120.52E:0.08, h8km, 1.7km, mb3.1/4, MS2.5/1, Error ellipse: s-maj=13.0km s-min=7.7km az=159.7

MAN 11 19:14:43.19.15N:120.56E, h7km, mb4.6, ML3.4, MS3.4, ISC 11 19:14:42.5.2.1.19.19N:0.06:120.58E:0.08, h1.1km, n13, -1.80/16, mb2.2/4, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PIP Pasuquin, PIP Brgy, Tapao, SIPP Conner, APYP Dolores, SGGP Mt. Cagua, SGGP Bisco, CVP Caliao Caves, CAUP Cauayan, CMAR Chiang Mai Arr, CMAR Warrungarra Arr, MKAR Makanchi Array, ASAR Alice Springs, ILAR Gielson Array.

IDC 11 19:23:28.7.1.9.3.03N:127.81E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/42, mbmtpp3.6/4, MS3.3/1, Ms1 3.3/1, ms1mx2.3/27, Error ellipse: s-maj=104.1km s-min=22.4km az=71.0, Talaud Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, PALK Pallekele, MKAR Makanchi Array.

IDC 11 19:32:10.2.5.7.20.49S:179.38W, h665km, 65km, mb2.7/6, mb1 3.0/6, mb1mx2.8/33, mbmtpp3.7/6, Error ellipse: s-maj=100.9km s-min=27.3km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ASAR Alice Springs, ASAR Warrungarra Arr, FITZ Fitzroy Crossi, NVAR Mina Array Bea, TXAR Lajitas Array, ILAR Gielson Array, AKASG Malin Array Bea, BRTR Keskin Array B, GERES GERES Array B.

IDC 11 19:36:17.1.0.6.56:32S:25.57W, h0km, mb4.3/10, mb1 4.3/11, mb1mx4.1/29, mbmtpp4.2/11, ML3.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.4/22, Error ellipse: s-maj=22.2km s-min=16.9km az=79.0

ISCJB 11 19:36:19.3.0.5.56:34S:0.08:25.7W:0.2, h2km, mb4.3/11, Error ellipse: s-maj=14.8km s-min=9.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NEIC 11 19:36:22.0.0.3.56:38S:25.70W, h35km, mb4.2/5, Error ellipse: s-maj=12.0km s-min=7.9km az=52.0, AWI 11 19:36:26.3.56:55S:25.04W, ISC 11 19:36:21.1.0.6.56:4S:0.1:25.7W:0.1, h29km, n31, 0.50/21, mb4.2/10, South Sandwich Islands region. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, SNA2 Sanae, SNA1 Sanae, EFI East Falkland, PMSA Palmer Station, PMSA Palmer Station, TROA Torquist, QSPA South Pole Qui, QSPA South Pole Qui, CPUP Villa Florida, MAW Mawson, BOSA Boshu, LVC Lionn Verde, VANDA Vanda, H0S2 ASCENSION HYDR48.07, H0S3 ASCENSION HYDR48.08, H0S1 ASCENSION HYDR48.09, H0N1 ASCENSION HYDR49.19, H0N3 ASCENSION HYDR49.19, H0N2 ASCENSION HYDR49.21, LPAZ Paz, SAML SAML, DBIC Dimbororo, TORD Torodi Ar. Bea, ASAR Alice Springs, YKA Yellowknife Arr, INK Inuvik, SONM Songino Array, ILAR Eielson Array.

IDC 11 19:36:25.9.33.0.30:36S:179.95E, h520km, 323km, mb3.1/4, mb1 3.3/4, mb1mx3.0/32, mbmtpp4.1/4, MS2.1/1, Ms1 2.1/1, ms1mx2.0/8, Error ellipse: s-maj=201.1km s-min=54.6km az=73.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for URZ Urewera, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, FINES FINES Array B, TORD Torodi Ar. Bea.

AUST 11 19:36:46.6.12.0.3:79S:100.12E, h12km, Error ellipse: s-maj=3.7km s-min=1.1km az=238.0

ISCJB 11 19:36:47.5.0.3.3.92S:100.14E:0.03, h33km, mb4.4/45, MS3.1/6, Error ellipse: s-maj=5.4km s-min=3.2km az=44.2

NEIC 11 19:36:48.7.2.0.3:86S:100.20E, h28km, 15km, mb4.7/10, Error ellipse: s-maj=9.9km s-min=5.8km az=62.0

DJA 11 19:36:49.0.8.4.5:3:10:0E, h26km, 10km, M4.7/20, mb5.0/8, mb5.3/1, MLV4.8/20, MW(NB)4.7/11, ISC 11 19:36:51.7.0.3.3.92S:100.14E:0.03, h33km, mb3.9/20, mb1 4.1/22, mb1mx3.9/43, mbmtpp4.2/22, ML3.7/2, MS3.1/8, Ms1 3.2/8, ms1mx2.9/31, Error ellipse: s-maj=20.6km s-min=11.2km az=54.0

ISC 11 19:36:49.8.0.4.3.32S:100.14E:0.05, h35km, n115, 0.145/110, mb4.4/45, MS3.1/6, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PPSI Pulau Pagai, MASI Maura Aman, Be, KASI Saibi, MNIAI Manna, MNAI Manna, MNAI Manna, SDSA Sungai Dareh, LHSI Lahat, PPI Padang Panjang, PPI Padang Panjang, LHLI Liwa, MDSI Maura Dua, MDSI Maura Dua, BKNI Bangkinang, BKNI Bangkinang, KANSI Kota Agung, KANSI Mandailing Nat, KLI Kotabumi, CGJI Cibinong, PSI Prapat, PSI Prapat, CNJI Cibinong, LEM Lemang, LEM Lemang, CISI Cisompot, CISI Cisompot, CISI Cisompot, CISO CISO, CISO CISO, COCO West Island, CMJI Cimerak, KULM Kulim, UGM Wanaqaga, CMBY CAMPBELL BAY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CMBY CMBY, JAGI Jajag, Banyuwana, BBKI Bani, PBA Port Blair, SRAK Krakaw, KAPI Kappang, CHAI Chaiyaphong, KHON Khomkaen, PBKT Sadao Pong, SKNT Sakonkorn, SUKH Sukthotai, LOEI Loi, PANO Nakornpanom, UTTA Uttaradit, NONG Nongkai, MHMT Maesarieng, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, PHRA Phrae, LAMP Lampang, PALK Pallekele, CHTO Chiang Mai, CHTO Chiang Mai, CMAI Chiang Mai, VIS Vishakhapatnam, VIS Vishakhapatnam, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, HYB Hyderabad, HYB Hyderabad, SHL Shillong, SHL Shillong, BOK Bokoro, BOK Bokoro, NGP Nagpur, NGP Nagpur, GOA Goa, GOA Goa, ODAN Odare, TAPN Taping, RAMM Ramite, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, POO Poona, POO Poona, GUN Gumba, LSA Lhasa, DMN Daman, KKN Knapal, BHPH Bhopal, KOLN Kolkata, WRA Warrungarra Arr, WRA Warrungarra Arr, WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, DDI Dehra Dun, SMLA Simla, SMLA Simla, DHRM DHARAMSHALA, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, KSRS Wonju Array Be, KSRS Korea Array, KSRS Korea Array, CMSA Cobar Meteorol, TKM2 Tarkenton, SONM Songino Array, SONM Songino Array, AAK Ala-Archa, ULN Ulaanbaatar, EK2S Erkin-Say, MKAR Makanchi Array, MJAR Matsushiro Arr, MJAR Matsushiro Arr, USRK Usruke, USRK Usruke, GEYT Aitbayev, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ABKAR Akbulak array, MAW Mawson, MAW Mawson, ARU Aru, YAK Yakutsk, KBZ Khabz, MATP Matopo.

Table with columns: BRTR, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Keskin Array B, Vanda, AKASO, QSPA, GERES, NOA, YKA, TXAR.

ISCJB 11 20:17:34.1±1.1, 36°35N, 0°05:71.3E, 0.1, h188km, Error ellipse: s-maj=17.0km s-min=5.4km az=164.3

Main table for 11d 21h section, listing station names, coordinates, and observation details.

ISK 11 20:25:21.7, 37°89N, 27°33E, h5km, MD2.9 DDA 11 20:25:21.7, 37°89N, 27°29E, h7km, MD3.0

Main table for 11d 21h section, continuing station observations.

ISCJB 11 20:34:59.8±0.3, 56°79S, 0°06:25.4W, 0.1, h35km, mb4.8/23, MS3.8/11, Error ellipse: s-maj=10.5km

Main table for 11d 21h section, continuing station observations.

Main table for 2010 DEC section, listing station names, coordinates, and observation details.

Table with columns: Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Lanzhou, Zalesovo Beam, Nanjing, Inuvik, HHC, SONM, ILAR, KDAK.

IDC 11 20:37:13.4, 3.6, 2.94S, 101°57E, h0km, mb3.3/4, ms1 3.9/4, mb1mx3.4/32, mbtm3.4/4, MS3.4/2, Ms1 3.4/2

Main table for 2010 DEC section, continuing station observations.

ISCJB 11 21:22:42.4±0.4, 37°10S, 0°04:73.91W, 0.05, h14km, mb4.2/23, MS3.9/8, Error ellipse: s-maj=7.1km

Main table for 2010 DEC section, continuing station observations.

ISC 11 21:22:42.1±0.7, 36°98S, 73°72W, h0km, mb4.3/11, mb1 4.4/14, mb1mx4.3/23, mbtm4.3/14, ML3.9/3, MS3.9/10

Main table for 2010 DEC section, continuing station observations.

ISC 11 21:22:44.0±0.4, 37°05S, 0°05:73.72W, 0.06, h14km, n90, r150/102, mb4.5/24, MS3.9/8, 1C, Error ellipse: s-maj=22.6km

Main table for 2010 DEC section, continuing station observations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNA, QSPA, RKT, SYO, etc.

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

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

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

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

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

11d 23h

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like DRGR, ARCALIA, MILESTI, YALTA, KISHINEV, etc.

2010 DEC

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like VSR, Storozhevoje, LPSR, Galich'ya Gora, etc.

480

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like MKAR, Makanchi Array, DBIC, ZAAO, etc.

ISCJB 11 23:06:07.4... 0.04:66:66W;0.06:1177km,5km, mb3.4/2, Error ellipse: s-maj=9.6km s-min=5.3km az=16.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALAION DIASEL, KOZANI, OHRID, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, KKB Krupnik, HCY Herceg Novi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG Mexicali, SGLS Mount Signal, SWSC Sam W. Stewart, etc.

Table with columns for city names (e.g., Hyderabad, Simla, Gaotai), coordinates, and various status codes (e.g., eS, Sn, P, Pn).

Table with columns for station names (e.g., EKS2, EKS2, EKS2), coordinates, and various status codes (e.g., pmax, P, P).

Table with columns for station names (e.g., HABR, RAYN, ZEI), coordinates, and various status codes (e.g., MLR, MLR, P).

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KMBO, BZUZ, EZS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ESDC, RES, RES, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TCU, NNS, TWSQ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, AAK comp=2.7, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 12 02:02:51.0.3.8, 22'27S<173.09W, h0km, mb4.3/4, mb1.4/5.4, mb1mx3/2.7, mbtmp4.3/4, Error ellipse: s-maj=233.0km s-min=36.0km az=157.0, Tonga Islands region

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

JMA 12 02:16:38.5.0.2, 24'02N<122'40E, h24km, 4km, M2.2, ISCJB 12 02:16:39.2.0.6, 24'11N<122'40E, h27km, 7km, Error ellipse: s-maj=10.8km s-min=3.6km az=168.2

TAP 12 02:16:40.1, 24'16N<122'31E, h19km, ML2.8, D, ISC 12 02:16:38.7.1.3, 24'07N<122'39E, h0.02, h23km, 15km, n18, -0646/30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YON Yonaguni jima, ENA Nanau, etc.

WEL 12 02:37:26.0.0.1, 38'26S<177.70E, h65km, 1km, ML3.5/8, 6C-18D, Error ellipse: s-maj=1.0km s-min=0.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MWZ Matawai, WAGZ Tauwhareparae, RAGZ Rawiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KRWZ Karewarewa, OTVZ Otutere, WTVZ West Tongariro, etc.

IDC 12 02:40:08.5.3.6, 20'76S<169.94E, h120km, 34km, mb3.4/5, mb1.3/7.6, mb1mx3.4/3.6, mbtmp3.8/6, Error ellipse: s-maj=155.1km s-min=27.5km az=158.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM DZM, WRA Warramunga Arr, etc.

IDC 12 02:41:21.0.1.2, 11'79N<59.33W, h0km, mb3.9/6, mb1.4/3/8, mb1mx3.8/4/3, mbtmp4.1/8, ML3.6/2, MS3.1/1, MS1.3/1/1, ms1mx2.4/3.3, Error ellipse: s-maj=32.4km s-min=21.9km az=37.0

TRN 12 02:41:24.1, 11'93N<59.40W, h10km, MD4.0, ISCJB 12 02:41:25.8.0.7, 11'89N<0.03<59.33W<0.05, h51km, 6km, mb4.1/14, MS3.0/1, Error ellipse: s-maj=8.2km s-min=4.2km az=16.3

NEIC 12 02:41:25.2.2.1, 11'76N<59.37W, h28km, 15km, mb4.1/8, Error ellipse: s-maj=13.8km s-min=7.0km az=76.0

FUNV 12 02:41:26.9, 12'11N<59.43W, h44km, 14km, ISC 12 02:41:27.6.1.6, 11'91N<0.04<59.36W<0.09, h44km, 14km, n72, -0127/84, mb4.1/14, 9C, 2D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like BBGH Gun Hill, FCV Speyside, TBH Brigand Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PTGA Pitinga, SAML 2.7m, 0.8s, TKL Tuckaleechee C, etc.

IDC 12 02:43:46.2.1.5, 7'26S<147'10E, h0km, mb3.6/3, mb1.3/9.5, mb1mx3.6/38, mbtmp3.7/5, ML3.4/1, MS4.1/1, MS1.4/1/1, ms1mx2.5/30, Error ellipse: s-maj=53.5km s-min=21.8km az=96.0

ISC 12 02:43:51.0.1.3, 7'37S<147'09E, h32km, n7, -0567/7, Eastern New Guinea region

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

ISCJB 12 02:50:47.2.1.2, 44'73N<0.09<150'0E<0.1, h100km, Error ellipse: s-maj=16.0km s-min=7.2km az=138.9

SKHL 12 02:50:49.0.6.4, 44'86N<150'08E, h77km, 6km, mb4.7/3, JMA 12 02:50:51.2.0.5, 45'08N<147'33E, h145km, M3.4, ISC 12 02:50:46.9.2.1, 44'77N<0.1<150'0E<0.1, h100km, n15, -0184/22, East of Kuri Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KUR Kuri'sk, KUR 40nm, 0.2s, KUR 30nm, 0.2s, etc.

IDC 12 03:14:41.2.1.6, 5'45N<94.49E, h0km, mb3.8/6, mb1.4/0/6, mb1mx3.6/3/7, mbtmp3.8/6, MS3.2/2, MS1.3/2/2, ms1mx2.4/4/6, Error ellipse: s-maj=67.4km s-min=21.5km az=57.0

NEIC 12 03:14:46.6.0.5, 5'53N<94.59E, h35km, mb4.1/2, Error ellipse: s-maj=16.8km s-min=9.3km az=219.0

ISC 12 03:14:45.0.1.1, 5'2N<0.2<94.1E<0.2, h35km, n14, -0111/10, mb3.8/8, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PALK Pallekele, HOS2 Diego Garcia H, WAGZ Zalesovo Beam, etc.

NCC 12 03:32:56.0.1.6, 36'64N<70.30E, h150km, 45km, mb3.0, mp3.6, 4C-4D, Error ellipse: s-maj=22.1km

12d 5h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TLY Talaya, WMQ Urumqi, and various international stations.

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GERES Array B, ILAR Eielson Array, and various international stations.

490

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AZAP Pisagua, AZAP Santa Barbara, and various international stations.

ISCJBJ 12 05:51:24.0,0.5,46:07N,0:05:143:4E,0.1,h330km, mb3,0/6,Error ellipse: s-maj=10.5km s-min=6.7km az=4.4

IDC 12 05:51:25.6,1.3,46:18N,143:20E,h336km,15km,mb2,8/6, mb1.3/1.0,mb1mx2.9/4.6,mbtmp3.6/10,Error ellipse: s-maj=21.1km s-min=15.4km az=134.0

JMA 12 05:51:25.2,0.2,45:56N,143:56E,h344km,M3.3

ISC 12 05:51:24.6,0.7,45:97N,0:07:143:40E,0:09,h330km,n20, 1981/27,mb3.1/6,Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JWKC, ASAJ, JTKR, etc.

BJI 12 05:58:40.5,5.7:75S:149:93E,h34km,mb4,9/41,mb5.1/25, 1W5,0/13,M57,4/5,15

ISCJBJ 12 05:58:41.4,0.3,67S:0:03:149:77E,0:06,h33km, mb4,7/25,MS3.6/18,Error ellipse: s-maj=8.4km s-min=4.4km az=10.8

NEIC 12 05:58:42.8,0.3,5:56S:149:85E,h35km,mb5,0/8,Error ellipse: s-maj=9.3km s-min=5.8km az=101.0

IDC 12 05:58:44.3,1.8,5:60S:149:84E,h48km,17km,mb4,2/12, mb1.4/4.13,mb1mx4.2/27,mbtmp4.5/13,ML3.0/1,MS3.6/19, M51.3/6/19,ms1mx3.5/29,Error ellipse: s-maj=18.8km s-min=9.2km az=111.0

DJA 12 05:58:49.9,0.9,6:5:14:9E, h69km,8km,M5,1/11, mb4,9/11,mb5.5/4,MLV5.2/1,MW(mB)5.0/4

AUST 12 05:59:16.9,1.7,7:76S:148:64E,h184km,Error ellipse: s-maj=22.9km s-min=1.1km az=234.0

ISC 12 05:58:43.0,5.0,5:60S:0:05:149:90E,0:07,h39km,3km, n86,1373/105,mb4.6/25,MS3.6/18,New Britain region

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RABL, MANU, PMG, etc.

Main table for the second section with columns: MEEK, KLBR, JHJ, TWG, NACB, MJAR, etc. Rows include Meekatharra, Kellerberrin, Hachiojima, etc.

Table for the third section with columns: KSH, ILAR, ILAR, etc. Rows include KSH, Eielson Array, etc.

GUC 12 06:37:27.3,0.4,31:68S:71:90W,h26km,2km,ML3,9

ISC 12 06:37:25.8,2.9,31:66S:0:04:72:0W,0:11,h5km,18km,n22, 1950/30,Near coast of central Chile

Table for the fourth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ROCI, TLL, PEL, etc.

TAP 12 06:51:06.5,24:02N:122:25E,h13km,1km,ML3,0,D

JMA 12 06:51:08.9,0.1,24:04N:122:17E,h25km,3km,ML2,1

ISC 12 06:51:08.3,1.4,24:02N:0:03:122:21E,0:02,h21km,4km, n30,1107/53,Taiwan region

Table for the fifth section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ENA, TWC, JYNG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MYKA, BISS, SOKA, FUSE, PLRO, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, WRA, IDC 12 07:48:39.1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

AUST 12 09:40:09.0,3.0,23.49Sx178.78E,h446km,Error ellipse:

s-maj=2.3km s-min=1.3km az=314.0
BUI 12 09:40:08.6,2.4,56Sx179.70E,h552km,mb4.6/17,
m5.2/11

ISCJB 12 09:40:11.3,0.2,23.94Sx0.04,179.17E,0.05,h537km,
mb4.7/60,Error ellipse:s-maj=6.9km s-min=4.1km
az=137.0

NEIC 12 09:40:11.2,0.7,24.00Sx179.25E,h530km,km,mb4.9/56,
Error ellipse:s-maj=9.2km s-min=6.0km az=131.0
IDC 12 09:40:15.4,1.8,23.96Sx179.05E,h577km,20km,
mb3.7/14,mb1.3/9.15,mb1mx3.8/23,mbtmp4.6/15,Error
ellipse:s-maj=18.0km s-min=11.3km az=157.0

ISC 12 09:40:11.5,0.4,23.98Sx0.07x179.25E,0.07,h537km,
n187,s122/210,mb4.6/1,9C-11D South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

Table with columns: Code, Station Name, Az, El, P, S, Pn, and various numerical values representing astronomical data points.

IDC 12 09:50:00.7,51.0,15.38Sx174.31W,h0km,mb4.1/3,
mb1.4/2.3,mb1mx3.6/30,mbtmp4.1/3,Error ellipse:
s-maj=97.1km s-min=177.5km az=78.0,Tonga Islands

12d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KKM Kota Kinabalu, KMBL Kambla, AFI Afiamalu, etc.

500

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSAR Wonju Array Be, KSAR Wonju Array Be, KSAR Wonju Array Si, etc.

12d 14h

MOD	comp=Z,800nm,20.0s Modoc	93.68	48	eP	P	15 06 27.8 +2.6
MOD	comp=Z,26nm,1.3s			LR	LR	
LTY	comp=Z,2um,19.0s Liberty	93.92	43	PFAKE	LR	15 06 40.0 +1.4
YES	comp=Z,1um,20.0s Vestal, Richgr	94.08	55	P	P	15 06 25.1 -1.8
ARVC	comp=Z,94 Arvin	94.22	55	P	P	15 06 26.7 -1.0
OSI	comp=Z,94 Osito Adit	94.26	56	PFAKE	LR	15 06 40.0 +1.2
E07A	comp=Z,1um,20.0s Sunnyside	94.41	44	PFAKE	LR	15 06 40.0 +1.2
CIS	comp=Z,1um,20.0s Catalina Islan	94.43	57	P	P	15 06 28.8 +0.1
I07A	comp=Z,94 Izeze	94.45	46	PFAKE	LR	15 06 40.0 +1.1
ISA	comp=Z,1um,21.0s Isabella	94.56	55	eP	pmx	15 06 29.3 0.0
ISA	comp=Z,28nm,1.4s			MLR	MLR	
ISA	comp=Z,900nm,21.0s Isabella	94.56	55	P	P	15 06 29.0 -0.3
ISA	comp=Z,94 Isabella	94.56	55	eP	P	15 06 29.3 0.0
ISA	comp=Z,28nm,1.4s			LR	LR	
MTUM	comp=Z,900nm,21.0s Tungsten Hills	94.62	53	eP	P	15 06 30.2 +0.6
HAWA	comp=Z,94 Hanford	94.62	44	PFAKE	LR	15 06 40.0 +1.1
PASC	comp=Z,1um,19.0s Pasadena Art C	94.67	56	eP	P	15 06 30.3 +0.6
PASC	comp=Z,52nm,0.9s			LR	LR	
MWC	comp=Z,700nm,20.0s Mount Wilson	94.78	56	eP	MLR	15 06 31.0 +0.5
MWC	comp=Z,900nm,20.0s Mount Wilson	94.78	56	eP	P	15 06 31.0 +0.5
MWC	comp=Z,97nm,1.0s			LR	LR	
EDW2	comp=Z,900nm,21.0s Edwards Air Fo	94.89	56	P	P	15 06 31.0 +0.2
B08A	comp=Z,94 Colville Reser	94.91	42	PFAKE	LR	15 06 40.0 +9.5
NV01	comp=Z,900nm,20.0s Mina Array Sit	94.91	52	eP	P	15 06 30.4 -0.6
NVAR	comp=Z,94 Mina Array Bea	94.91	52	P	P	15 06 30.0 -1.0
CWC	comp=Z,11nm,0.7s,baz=252,slow=6.8,SNR=49 Cottonwood Cre	94.94	54	P	P	15 06 31.1 0.0
WVOR	comp=Z,94 Wild Horse Val	94.96	48	eP	pmx	15 06 37.3 +6.3
WVOR	comp=Z,16nm,1.4s			MLR	MLR	
WVOR	comp=Z,1um,19.0s Wild Horse Val	94.96	48	eP	P	15 06 37.3 +6.3
WVOR	comp=Z,16nm,1.4s			LR	LR	
D08A	comp=Z,1um,19.0s Wollman Farm,	95.09	43	PFAKE	LR	15 06 40.0 +8.7
BFC5	comp=Z,1um,19.0s Mount Baldy Ra	95.11	56	P	P	15 06 32.4 +0.5
J08A	comp=Z,94 Circle Bar Ran	95.14	47	eP	P	15 06 33.2 +1.4
J08A	comp=Z,62nm,2.4s			LR	LR	
LRMC	comp=Z,1um,19.0s Laurel Mountai	95.18	55	P	P	15 06 32.4 +0.2
ABKAR	comp=Z,3.0nm,0.4s,baz=7.5,slow=4.4,SNR=33 Akbulak array	95.28	319	eP	P	15 06 31.0 -1.1
MPMC	comp=Z,94 Manual Prospec	95.38	54	P	P	15 06 32.7 -0.5
109C	comp=Z,94 Camp Elliot, M	95.47	58	P	P	15 06 33.6 +0.2
C09A	comp=Z,94 Chrisman Ranch	95.58	43	PFAKE	LR	15 06 50.0 +1.6
BAR	comp=Z,1um,20.0s Barrett	95.82	58	eP	P	15 06 36.2 +1.1
BAR	comp=Z,14nm,1.0s			LR	LR	
GEYT	comp=Z,1um,19.0s Alibeck	95.87	307	P	P	15 06 35.1 0.0
BMN	comp=Z,3.0nm,0.4s,baz=7.5,slow=4.4,SNR=33 Battle Mountai	95.88	50	eP	pmx	15 06 38.1 +2.7
BMN	comp=Z,11nm,0.9s			MLR	MLR	
BMN	comp=Z,1um,19.0s Battle Mountai	95.88	50	eP	P	15 06 38.0 +2.7
BMN	comp=Z,11nm,0.9s			LR	LR	
GSC	comp=Z,1um,19.0s Goldstone	95.89	55	eP	pmx	15 06 35.7 +0.3
GSC	comp=Z,23nm,1.1s			MLR	MLR	
GSC	comp=Z,2um,18.0s Goldstone	95.89	55	P	P	15 06 35.4 0.0
GSC	comp=Z,23nm,1.1s			LR	LR	
FURC	comp=Z,2um,18.0s Furnace Creek,	95.92	54	P	P	15 06 35.2 -0.1
MONP	comp=Z,94 P Monument Peak	96.05	58	P	P	15 06 36.9 +0.6
PFO	comp=Z,1um,19.0s Pinyon Flat Ob	96.06	57	P	P	15 06 37.1 +0.8
PFO	comp=Z,7.8nm,0.8s,baz=277,slow=5.0,SNR=16 Pinyon Flat Ob	96.06	57	eP	pmx	15 06 37.1 +0.8
PFO	comp=Z,8.0nm,0.8s Pinyon Flat Ob	96.06	57	P	P	15 06 36.0 -0.2
PFO	comp=Z,60nm,0.8s,SNR=5.0 Pinyon Flat Ob	96.06	57	P	P	15 06 36.1 -0.2
PFO	comp=Z,94 Pinyon Flat Ob	96.06	57	eP	P	15 06 36.6 +0.3
BMO	comp=Z,22nm,0.9s Blue Mountains	96.08	46	eP	pmx	15 06 37.2 +1.2
BMO	comp=Z,12nm,1.4s			LR	LR	
BMO	comp=Z,12nm,1.4s Blue Mountains	96.08	46	eP	P	15 06 37.2 +1.2
F10A	comp=Z,12nm,1.4s Beach Ranch, E	96.19	45	eP	P	15 06 37.5 +1.0
F10A	comp=Z,124nm,2.8s			LR	LR	
HEC	comp=Z,800nm,20.0s Hector,Ludlow	96.25	56	P	P	15 06 37.0 0.0
IBP	comp=Z,94 Imperial Bould	96.31	58	P	P	15 06 36.5 -0.8
SHOC	comp=Z,94 Shoshone	96.35	55	P	P	15 06 37.1 -0.3
NEW	comp=Z,94 Newport	96.37	42	PFAKE	LR	15 06 50.0 +1.3
TPNV	comp=Z,1um,19.0s Topopah Spring	96.44	54	eP	pmx	15 06 37.9 -0.1
TPNV	comp=Z,14nm,0.9s			MLR	MLR	
TPNV	comp=Z,1um,18.0s Topopah Spring	96.44	54	P	P	15 06 38.1 +0.2
TPNV	comp=Z,94 Topopah Spring	96.44	54	eP	P	15 06 37.9 -0.1
TPNV	comp=Z,14nm,0.9s			LR	LR	
ARU	comp=Z,1um,18.0s Arti	96.48	326	P	P	15 06 38.0 +0.6
ARU				S	SS	15 10 31.3
ARU				S	SS	15 17 11.7 +0.1
ARU				S	SS	15 24 19.9 -1.0
K22A	comp=Z,1um,23.0s Turquoise Moun	96.61	55	P	P	15 06 39.2 +0.5
GMRC	comp=Z,97 Granite Mounta	96.79	56	P	P	15 06 39.9 +0.3

2010 DEC

BC3	comp=Z,800nm,20.0s Big Chuckawall	96.90	57	P	P	15 06 40.6 +0.6
R11A	comp=Z,97 Troy Canyon, C	97.04	52	P	Pdf	15 06 41.2 +0.4
R11A	comp=Z,97 Troy Canyon, C	97.04	52	eP	Pdf	15 06 41.0 +0.3
R11A	comp=Z,26nm,2.0s			LR	LR	
MFID	comp=Z,2um,19.0s Camas Ranch	97.07	47	PFAKE	LR	15 06 50.0 +9.3
IRM	comp=Z,1um,19.0s Iron Mountain	97.18	56	P	Pdf	15 06 42.2 +0.9
SHPR	comp=Z,97 Sheep Range	97.29	54	eP	Pdf	15 06 44.9 +3.0
GLA	comp=Z,97 Glamis	97.39	58	PFAKE	LR	15 06 50.0 +7.7
Y12C	comp=Z,800nm,20.0s Blythe	97.68	57	P	Pdf	15 06 44.4 +0.9
YKA	comp=Z,97 Yellowknife Ar	97.99	28	P	P	15 06 42.5 -1.5
YKA	comp=Z,1.8nm,0.8s,baz=268,slow=4.5,SNR=18			PKIKP	PKIKP	15 11 18.2 +0.9
YKA	comp=Z,0.7nm,0.7s,baz=278,slow=1.3,SNR=6.6			PKK	PKK	15 23 16.0 -4.2
PDMCI	comp=Z,0.2nm,0.6s,baz=76,slow=3.2,SNR=4.0	98.02	56	P	P	15 06 45.0 0.0
HLID	comp=Z,98 Parker Dam,Lak	98.11	47	P	Pdf	15 06 46.1 +0.7
HLID	comp=Z,98 Hailey	98.11	47	eP	Pdf	15 06 47.7 +2.3
HLID	comp=Z,20nm,1.9s			LR	LR	
M50	comp=Z,1um,19.0s Missoula	98.49	44	PFAKE	LR	15 07 00.0 +1.3
WALA	comp=Z,900nm,20.0s Waterton Lakes	98.52	41	PFAKE	LR	15 07 00.0 +1.3
CCUT	comp=Z,700nm,20.0s Cedar City	98.76	53	eP	Pdf	15 06 51.2 +2.7
EDM	comp=Z,5.2nm,1.1s			LR	LR	
EDM	comp=Z,1um,19.0s Edmonton	98.84	37	PFAKE	LR	15 07 00.0 +1.2
214A	comp=Z,800nm,19.0s Organ Pipe Nat	99.05	59	P	Pdf	15 06 50.6 +1.0
BGU	comp=Z,94 Big Grassy Mow	99.09	50	PFAKE	LR	15 07 00.0 +1.0
DUG	comp=Z,500nm,18.0s Dugway	99.24	50	P	Pdf	15 06 50.4 -0.1
DUG	comp=Z,94 Dugway	99.24	50	PFAKE	LR	15 07 00.0 +1.0
HVU	comp=Z,900nm,18.0s Hansel Valley	99.29	49	eP	pmx	15 06 53.2 +2.6
HVU	comp=Z,9.0nm,1.0s			MLR	MLR	
HVU	comp=Z,1um,18.0s Hansel Valley	99.29	49	eP	Pdf	15 06 53.2 +2.6
HVU	comp=Z,8.7nm,1.0s			LR	LR	
NLU	comp=Z,1um,18.0s North Lily Min	99.81	51	eP	Pdf	15 06 56.7 +3.6
NLU	comp=Z,2.9nm,0.9s			LR	LR	
SNA	comp=Z,1um,18.0s Sanae	100.02	188	PFAKE	LR	15 07 10.0 +1.7
BOZ	comp=Z,800nm,19.0s Bozeman (W)	100.10	45	PFAKE	LR	15 07 10.0 +1.6
MPU	comp=Z,600nm,21.0s Maple Canyon	100.15	51	PFAKE	LR	15 07 10.0 +1.5
HWUT	comp=Z,900nm,18.0s Hardware Ranch	100.19	49	eP	Pdf	15 06 56.1 +1.4
WUAZ	comp=Z,900nm,18.0s Wupatki	100.33	55	P	Pdf	15 06 56.7 +1.3
WUAZ	comp=Z,100 Wupatki	100.33	55	eP	Pdf	15 06 58.5 +3.1
TMUT	comp=Z,900nm,18.0s Trail Mountain	100.48	51	PFAKE	LR	15 07 10.0 +1.4
AHID	comp=Z,1um,18.0s Auburn Hatcher	100.53	48	PFAKE	LR	15 07 10.0 +1.4
HSIG	comp=Z,900nm,20.0s HSIG	100.56	62	PFAKE	LR	15 07 10.0 +1.4
YMR	comp=Z,1um,18.0s Madison River	100.59	46	PFAKE	LR	15 07 10.0 +1.4
YFT	comp=Z,900nm,21.0s Old Faithful	100.69	46	PFAKE	LR	15 07 10.0 +1.3
REDW	comp=Z,1um,20.0s Red Top Meadow	100.70	47	PFAKE	LR	15 07 10.0 +1.3
MOOV	comp=Z,1um,18.0s Moose Ponds	100.77	47	PFAKE	LR	15 07 10.0 +1.3
TUC	comp=Z,1um,19.0s Tucson	100.77	58	PFAKE	LR	15 07 10.0 +1.3
YNR	comp=Z,1um,19.0s Norris Junction	100.79	46	PFAKE	LR	15 07 10.0 +1.3
FLWY	comp=Z,800nm,21.0s Flagg Ranch	100.79	46	PFAKE	LR	15 07 10.0 +1.3
P17A	comp=Z,800nm,20.0s Butcher Ranch,	100.84	51	PFAKE	LR	15 07 10.0 +1.2
H17A	comp=Z,1um,18.0s Grant Village	100.86	46	PFAKE	LR	15 07 10.0 +1.2
LOHW	comp=Z,1um,21.0s Long Hollow	100.88	47	PFAKE	LR	15 07 10.0 +1.2
SRU	comp=Z,1um,19.0s San Rafael	101.01	52	eP	MLR	15 06 59.1 +0.7
SRU	comp=Z,900nm,19.0s			Pdf	Pdf	15 06 59.1 +0.7
P18A	comp=Z,900nm,19.0s Preston Nutter	101.22	51	PFAKE	LR	15 07 10.0 +1.1
EGMT	comp=Z,1um,19.0s Eagleton	101.31	42	PFAKE	LR	15 07 10.0 +1.1
BW06	comp=Z,800nm,19.0s Boulder Array	101.66	48	eP	Pdf	15 07 02.9 +1.6
PDAR	comp=Z,1um,20.0s Pinedale Array	101.66	48	P	Pdf	15 06 59.9 -1.4
W18A	comp=Z,2.5nm,0.8s,baz=287,slow=3.0,SNR=13 Newtown Fore	101.67	56	PFAKE	LR	15 07 10.0 +8.6
RLMT	comp=Z,800nm,19.0s Red Lodge	101.78	45	PFAKE	LR	15 07 10.0 +8.3
MVCO	comp=Z,800nm,20.0s Mesa Verde	102.64	53	PFAKE	LR	15 07 20.0 +1.4
O20A	comp=Z,800nm,20.0s White River Ci	102.75	50	P	Pdf	15 07 06.8 +0.7
O20A	comp=Z,1um,19.0s			LR	LR	
SMCO	comp=Z,1um,19.0s Snowmass	103.77	51	PFAKE	LR	15 07 20.0 +9.0
LAO	comp=Z,1um,18.0s LASA Array	103.80	44	PFAKE	LR	15 07 20.0 +1.0
K22A	comp=Z,800nm,19.0s Casper	103.90	48	PFAKE	LR	15 07 20.0 +8.8
S22A	comp=Z,1um,18.0s 4UR Ranch, Ore	103.95	53	PFAKE	LR	15 07 20.0 +8.4

Table with columns for station name, coordinates, and status. Includes stations like Trail Mountain, Boulder Array, Pineda Array, Red Lodge, Mesa Verde, etc.

Table with columns for station name, coordinates, and status. Includes stations like Conrad Observa, Kasperse Hory, Kasperse Hory, etc.

Table with columns for station name, coordinates, and status. Includes stations like USRK, KMI, KMI, etc.

12d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

BEO 12 15:09:52.1.1.3,43363N,1905E,h4km,7km,ML1.4/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lazij#263:i, Sjenica, Ivanjica, Divibare, etc.

IDC 12 15:09:50.0.2.1.6:15S-150:33E,h0km,mb3.7/5, mb1 3.9/6,mb1mx3.6/3.1,mbtmp3.8/6,ML1.8/1, Error ellipse: s-maj=40.0km s-min=28.9km az=172.0

ISCJB 12 15:09:53.2.0.2.0.6:2S:0.2:150:3E:0.1,h33km,mb3.4/4, Error ellipse: s-maj=38.0km s-min=15.2km az=156.2

ISC 12 15:09:56.5.2.0.6:4S:0.3:150:4E:0.2,h33km,n7,c1922/8, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, DZM, ASAR, STKA, FITZ, TORO, etc.

BEO 12 15:11:24.9.1.3,42399N,1872E,h0km,8km,ML1.6/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sjenica, Ivanjica, Divibare, Tekeris, etc.

IDC 12 15:12:51.8.2.9.6:27S-148:61E,h0km,mb3.4/3, mb1 3.5/5,mb1mx3.3/3.5,mbtmp3.4/5,ML0.7/1, Error ellipse: s-maj=70.8km s-min=39.7km az=102.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR, FITZ, STKA, TORO, etc.

ISCJB 12 15:26:26.9.0.4.3:225N:0102:115:25W:0.03,h24km,6km, Error ellipse: s-maj=4.4km s-min=4.0km az=159.0

ECX 12 15:26:27.9.0.5.3:222N:115:28W:h6km,MD3.1,ML3.4 NEIC 12 15:26:27.9.3:222N:115:28W,h6km,ML3.2(2ECX), ML3.2(PAS),After ECX.

MEX 12 15:26:27.4.0.5.3:223N:115:08W,h13km,3km,MD4.1

ISC 12 15:26:26.3.0.9.3:223N:115:27W:0.03,h15km,7km, n37,c0571/47,7C-9D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mexicali, Cerro Prieto, East Mesa, Desert Rsrch C, Westside Schoo, Yuma Desert, Cook Ranch, etc.

2010 DEC

Table with columns: BAR BC3, SDRC 109C, 109C, PFO PFO, IRM, 214A MURC, HEC, TUC ISA, WUAZ. Includes stations like Big Chucawalk, San Diego Road, Camp Elliot, etc.

CSEM 12 15:27:20.1.39:52N:29:59W,h10km,ML3.5,After PDA PDA 12 15:27:20.1.1.7.39:52N:29:59W,h10km,MD3.6,ML3.5, Error ellipse: s-maj=17.6km s-min=10.3km az=68.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, CALA Caldeira, CALA Caldeira, HOR Horta, etc.

ISC 12 15:35:45.8.2.6.6:06S-150:27E,h0km,mb3.7/4, mb1 3.9/5,mb1mx3.5/3.9,mbtmp3.8/5,ML1.9/1, Error ellipse: s-maj=61.0km s-min=37.9km az=112.0

ISC 12 15:35:52.0.2.3.6:05S:0.3:150:1E:0.4,h48km,n6,c1906/7, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, WRA, ASAR, FITZ, STKA, TORO, etc.

IDC 12 15:38:26.1.0.7.39:49N:29:62W,h0km,mb3.8/11, mb1 3.9/12,mb1mx3.7/5.1,mbtmp3.8/12,ML4.0/1,MS3.4/1, Ms1 3.4/1,ms1mx2.9/5.3, Error ellipse: s-maj=22.7km s-min=13.7km az=176.0

CSEM 12 15:38:29.4.1.0.39:54N:29:56W,h10km,MD3.7,ML3.5, Error ellipse: s-maj=8.0km s-min=2.6km az=32.0

ISC 12 15:38:29.9.0.7.39:43N:0107:29:30W:0.06,h22km,4km, n31,c0884/1,mb3.9/11,Azores Islands

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

ISC 12 15:38:26.1.0.7.39:49N:29:62W,h0km,mb3.8/11, mb1 3.9/12,mb1mx3.7/5.1,mbtmp3.8/12,ML4.0/1,MS3.4/1, Ms1 3.4/1,ms1mx2.9/5.3, Error ellipse: s-maj=22.7km s-min=13.7km az=176.0

CSEM 12 15:38:29.4.1.0.39:54N:29:56W,h10km,MD3.7,ML3.5, Error ellipse: s-maj=8.0km s-min=2.6km az=32.0

ISC 12 15:38:29.9.0.7.39:43N:0107:29:30W:0.06,h22km,4km, n31,c0884/1,mb3.9/11,Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, CALA Caldeira, CALA Caldeira, ROSA Rosais, etc.

506

Table with columns: AKASG Malin Array Be, KBZ Khabaz, AKTO Aktyubinsk, TXAR Lajitas Array, ILAR Eielson Array, LPAZ La Paz, KURBB Kursharov Atta, ZALV Zalesovo Beam, MKAR Makanchi Array. Includes stations like Malin Array Be, Khabaz, Aktyubinsk, etc.

MEX 12 15:39:14.2.0.6.14:22N-92:75W,h76km,117km,MD4.0, Near coast of Chiapas

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

IDC 12 15:40:55.5.0.5.6:28S-150:45E,h0km,mb4.6/24, mb1 4.7/26,mb1mx4.6/3.5,mbtmp4.6/26,ML3.4/2,MS4.4/12, Ms1 4.4/12,ms1mx4.1/4.0, Error ellipse: s-maj=16.0km s-min=11.6km az=99.0

NEIC 12 15:40:57.2.0.2.6:26S-150:39E,h10km,mb5.1/26, Error ellipse: s-maj=6.5km s-min=4.6km az=125.0

GCMT 12 15:40:57.2.0.2.6:59S-150:41E,h18km,MW5.2/90, Moment Tensor solution, s76:c133; s90:c177; Duration: 1s0 Moment tensor: Scale 1071N/m; Mw:0.73c:01; Mo:0.76c:01; Mo:0.03c:01; Mo:0.51c:04; Mo:0.03c:01; Mo:0.01c:04; Best double cut: Mo:0.90100x1017 Np1:0.880000; s28:00000; s79:00000; s90:00000; NP2:0.267:00000; s62:00000; s89:00000; Principal axes: T 0.8850,Plg73.0000; Azm0.0000; N 0.0310,Plg1.0000; Azm268.0000; Azm0.0000; N 0.0310,Plg1.0000; Azm178.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=50ms.

ISCJB 12 15:40:58.9.0.2.6:35S:0.03:150:45E:0.03,h33km, mb4.7/53,MS4.5/13, Error ellipse: s-maj=4.9km s-min=3.4km az=153.1

MOS 12 15:41:01.0.1.1.5.6:32S-150:31E,h46km,mb5.0/8, Error ellipse: s-maj=10.8km s-min=7.6km az=72.9

BUI 12 15:41:02.7.6:16S:150:66E,h61km,mb4.7/28,mb5.2/24, Ms5.1/17,Ms7.4/17

DJA 12 15:41:14.5.0.5.7:3S:15:0E:1,h121km,5km,MS2.2/1, mb5.0/21,mb5.3/3,MLV5.3/1,Mw(mB)4.7/3

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

ISC 12 15:41:00.5.0.3.6:37S:0:04:150:52E:0.05,h33km,n356, c1949/358,mb4.8/53,MS4.5/13,16C-16D, New Britain

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hargill, Lake Whitney, Pawnee, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Cape Leeuwin H, Cape Leeuwin H, Diego Garcia H, etc.

BGR 12 15:55:15.7, 21.42S, 175.95W, h33km, IDC 12 15:55:30.9, 2.4, 21.44S, 176.52W, h156km, 21km, mb4.4/26, mb1.4, 5/29, mb4.5/39, mbmp4.9/29, MS3.5/1, Ms1.3/5.1, ms1mx3.2/31, Error ellipse: s-maj=11.6km s-min=10.2km az=114.0

MOS 12 15:55:31.5, 3.0, 21.145S, 176.79W, h145km, mb5.0/13, Error ellipse: s-maj=10.0km s-min=9.6km az=152.2, ISCJB 12 15:55:32.3, 0.2, 21.64S, 176.58W, 0.04, h183km, mb4.7/71, Error ellipse: s-maj=6.0km s-min=4.3km az=24.1

BUI 12 15:55:34.2, 21.60S, 176.60W, h205km, mb4.9/17, mb5.4/11, NEIC 12 15:55:36.0, 6.0, 21.56S, 176.59W, h203km, 5km, mb4.9/45, Error ellipse: s-maj=7.0km s-min=5.0km az=142.0

ISN 12 15:55:33.4, 0.3, 21.54S, 176.45W, 0.06, h183km, #431, #114/453, mb4.8/71, 60C-42D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSFV Nonsavu, MSFV Nonsavu, RAO Rarotonga, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GSPA South Pole Qui, GSPA South Pole Qui, MJAR Matsushiro Arr, etc.

MEX 12 15:42:03.1, 0.6, 14.13N, 92.89W, h16km, 999km, MD3.9, Near coast of Chiapas

MEX 12 15:46:53.0, 0.5, 14.24N, 92.75W, h70km, 119km, MD3.6, Near coast of Chiapas

MEX 12 15:51:04.0, 0.3, 14.04N, 92.47W, h16km, 999km, MD3.9, Near coast of Chiapas

IDC 12 15:53:22.0, 1.4, 38.09S, 77.85E, h0km, mb4.2/4, mb1.4/3.4, mb1.9/3.6, mb1.9/3.6, ms1mx3.4/3.5, ms1mx3.4/3.5, Error ellipse: s-maj=43.9km s-min=30.9km az=123.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes station H012W Cape Leeuwin H.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes station ILAR Eielson Array.

Table with columns: MDT, Midelt, 166.63, 1.31, PKPab, PKPab, 16 16 21.8 +1.0, comp=Z, 1.9nm, 0.8s, baz=14, slow=4, SNR=4.2

CSEM 12 15:58:36.5, 35'66N-22'01E, h7km, MD3.1, After ATH

ATH 12 15:58:36.5, 35'66N-22'01E, h7km, 5km, MD3.1/11,

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

IDC 12 15:59:15.2, 0.3, 5'87S-117'80E, h0km, mLA 4/38, mb1 4.9/39, mb1mx4.8/54, mbtm4 9/39, mLA 4.6/1, MS4.4/27, Ms1 4.4/27, ms1mx4.3/38, Error ellipse: s-maj=13.9km

AUST 12 15:59:17.1, 2.0, 6'10S-117'67E, h9km, mLA 4km, Error ellipse: s-maj=5.4km s-min=4.1km az=20.0

DJA 12 15:59:18.5, 0.1, 6'1S-117'8E, h10km, MS 4/53, mb5 4/53, mb5.7/26, MLV6.0/2, Mw(m)5.2/26

MOS 12 15:59:18.1, 1.0, 5'82S-117'81E, h33km, ms5.3/59, MS4.5/23, Error ellipse: s-maj=9.1km s-min=5.8km az=121.0

GCMT 12 15:59:19.7, 0.1, 5'96S-117'58E, h17km, MW5.4/119, Moment Tensor Solution, s80, c140; s119, c212; Duration: 1s2 Moment tensor: Scale 10^17Nm

NEIC 12 15:59:19.7, 1.4, 5'97S-117'71E, h31km, 10km, mb5.4/46 Error ellipse: s-maj=5.9km s-min=4.3km az=210.0

NEIC Felt (III) at Makassar, Indonesia KLM 12 15:59:19.5, 3.9, 5'94S-117'64E, h44km, mb5.1, ML5.5, MS6.4

ISC 12 15:59:17.3, 0.6, 5'95S-117'65E, 0.03, h13km, 3km, n471, r160/458, mb5.2/117, MS4.5/33, 21C-13D, Java Sea

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

Main table with columns: CISI, Cisonpet, Garu, 9.95 260 ePn, Pn, 16 01 38.5 -1.4

Main table with columns: TPTI, TRIT, Trang, 22.41 293 P, P, 16 04 15.4 -0.2

Table with columns: SJA, San Juan, 3.05 198 eP, Pn, 17 10 39.0 +0.3, 17 10 39.8

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: CFAA, Coronel Fontan, 3.05 192 P, Pn, 17 10 38.5 -0.2

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: WRA, Warramunga Arr, 51.15 87 P, P, 17 39 01.2 +0.3

Table with columns: IDC 12 17:35:45.2, 0.8, 12:90'N, 122:73'E, h0km, mb3.6/9, mb1 3.7/9, mb1mx3.6/37, mbtmp3.6/9, MS3.2/6, Ms1 3.2/3, ms1mx2.9/31, Error ellipse: s-maj=33.3km s-min=16.5km az=74.0

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

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

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

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

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

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

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

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

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

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

IDC 12 17:29:51.4, 1.9, 36:35S, 77:63E, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.6/48, mbtmp4.1/4, MS3.9/3, Ms1 3.8/3, ms1mx3.4/28, Error ellipse: s-maj=53.5km s-min=39.2km az=145.0

ISCJB 12 17:29:56.1, 1.4, 36:9S, 0:2, 78:6E, 0.3, h15km, mb4.1/7, MS3.8/3, Error ellipse: s-maj=35.7km s-min=29.4km az=38.3

NEIC 12 17:29:56.9, 1.3, 36:91S, 78:50E, h10km, mb4.2/2, Error ellipse: s-maj=32.9km s-min=27.1km az=125.0

ISC 12 17:29:58.4, 1.4, 37:05S, 0:2, 78:6E, 0.3, h15km, n18, @137/8, mb4.2/7, MS3.8/3, Mid-Indian Ridge

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

ISCJB 12 17:32:20.6, 0.7, 48:42N, 0:07, 155:8E, 0.1, h33km, mb3.7/9, Error ellipse: s-maj=13.8km s-min=5.2km az=38.4

SKHL 12 17:32:20.8, 4.1, 48:40N, 156:07E, h35km, mb4.5/2, KRSC 12 17:32:21.3, 1.9, 48:63N, 156:91E, h6km, 5km, ML4.1

MOS 12 17:32:21.1, 1.5, 48:52N, 155:45E, h37km, mb4.0/6, Error ellipse: s-maj=22.5km s-min=6.4km az=75.7

IDC 12 17:32:23.0, 4.1, 48:55N, 155:42E, h37km, mb3.6/8, mb1 3.7/11, mb1mx3.5/43, mbtmp3.7/11, ML2.9/3, MS3.2/1, Ms1 3.2/1, ms1mx2.4/36, Error ellipse: s-maj=32.3km s-min=20.0km az=152.0

ISC 12 17:32:22.0, 0.9, 48:41N, 0:09, 155:8E, 0.1, h35km, n57, @137/8, mb3.7/9, Kuril Islands

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

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

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

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

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

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

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

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

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

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

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

LDG 12 17:35:58.6, 0.0, 47:10N, 7:47E, h11km, Md2.1/3, ML2.0/17, Error ellipse: s-maj=0.6km s-min=0.5km az=99.0

CSEM 12 17:35:58.0, 0.1, 47:09N, 7:43E, h15km, ML2.0/15, Error ellipse: s-maj=1.8km s-min=1.4km az=92.0

STR 12 17:35:59.0, 0.4, 47:13N, 7:45E, h5km, M1.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ZUR 12 17:35:58.2, 47:10N, 7:47E, h11km, 4km, ML1.5/13, 13C-SD, Switzerland

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

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

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

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

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

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

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

12d 17h

Table with columns for call ID, name, frequency, power, and other technical details. Includes entries like 020A White River Ci, 330A Mertzong, 431A Sonora, etc.

2010 DEC

Table with columns for call ID, name, frequency, power, and other technical details. Includes entries like 130A Snyder, YFT Old Faithful, YFT Madison River, etc.

518

Table with columns for call ID, name, frequency, power, and other technical details. Includes entries like 133A Hamilton Ranch, K22A Casper, K22A Casper, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Barranco-do-Ve, Vaqueiros, Castelo Branco, etc.

ISCJB 12:20:08:57.2-0.8, 11.74N, 0.09:44.11E:0.07, h4km, mb3.8/9, MS3.3/3, Error ellipse: s-maj=14.6km s-min=7.5km az=145.6

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

ISC 12:20:16:50.4-2.5, 6.69S, 151.17E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.6/5.1, mbtmp4.0/5, ML2.1/1, Error ellipse: s-maj=62.0km s-min=40.5km az=120.0

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

ISC 12:20:20:10.8-1.4, 6.24S, 150.68E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.6/5.0, mbtmp4.0/6, ML2.3/1, MS3.5/12, Ms1.3/5.12, ms1mx3.3/4.1, Error ellipse: s-maj=72.5km s-min=22.7km az=25.0

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

ISCJB 12:20:33:29.2-1.1, 12.2N, 0.2:44.2E:0.1, h4km, mb3.9/7, Error ellipse: s-maj=32.0km s-min=15.4km az=149.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Keskin Array B, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FINES, EKA, SFJD, BEBN, etc.

IDC 12:20:49:39.4.2.4, 6.32S, 158.72E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/4.4, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=53.5km s-min=35.9km az=73.0, Bougainville-Solomon Islands region

IDC 12:20:51:02.8.6.6, 18.26S, 178.26W, h436km, g97km, mb3.3/10, mb1 3.6/10, mb1mx3.3/36, mbtmp4.0/10, Error ellipse: s-maj=51.8km s-min=27.7km az=161.0, Fiji Islands region

IDC 12:20:51:48.4.2.1, 5.97S, 130.51E, h0km, mb3.8/1, mb1 3.7/5, mb1mx3.4/50, mbtmp3.6/5, ML3.6/4, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BATI, FITZ, WRA, ASAR, MKAR, etc.

IDC 12:20:52:12.4.1.3, 11.8N, 0.344, 1E:0.1, h10km, mb3.5/7, Error ellipse: s-maj=39.6km s-min=9.0km az=159.0, FITZROY CROSSI 12.96 201 Pn

IDC 12:20:52:14.0.1.5, 11.7N, 0.344, 1E:0.1, h10km, n8, c0979/9, mb3.7/7, Western Gulf of Aden

IDC 12:20:55:56.3.1.4, 11.9N, 0.444, 0E:0.2, h4km, mb3.7/6, Error ellipse: s-maj=56.2km s-min=9.0km az=156.0, ISC/JB

TIF 12:21:07:05.0.4, 2.99N, 45.39E, h8km, 2km AZER 12:21:07:06.5.21.0, 42.80N, 45.05E, h5km, Error ellipse: s-maj=8.7km s-min=0.7km az=330.0, CSEM

MOS 12:21:07:08.1.0.8, 42.93N, 45.20E, h13km, mb4.0/1, Error ellipse: s-maj=7.9km s-min=4km az=25.1, ISC 12:21:07:08.3.1.1, 42.93N, 0.02, 45.27E, 0.01, h2km, g9km, n96, c158/164, 11C-21D, Eastern Caucasus

IDC 12:20:49:39.4.2.4, 6.32S, 158.72E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/4.4, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=53.5km s-min=35.9km az=73.0, Bougainville-Solomon Islands region

IDC 12:20:51:02.8.6.6, 18.26S, 178.26W, h436km, g97km, mb3.3/10, mb1 3.6/10, mb1mx3.3/36, mbtmp4.0/10, Error ellipse: s-maj=51.8km s-min=27.7km az=161.0, Fiji Islands region

IDC 12:20:51:48.4.2.1, 5.97S, 130.51E, h0km, mb3.8/1, mb1 3.7/5, mb1mx3.4/50, mbtmp3.6/5, ML3.6/4, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LSNR, UNCR, DBC, etc.

IDC 12:21:07:22.9.2.4, 12.04N, 43.96E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.3/45, mbtmp3.5/5, Error ellipse:

IDC 12:21:07:22.9.2.4, 12.04N, 43.96E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.3/45, mbtmp3.5/5, Error ellipse:

IDC 12:21:07:22.9.2.4, 12.04N, 43.96E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.3/45, mbtmp3.5/5, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FURI, TORODI, MKAR, ZALV, CMAR, SONM.

NNC 12 21:09.43.4.0.3854N:72.71E, h0km, mb3.1, mpv4.8, 4C-2D, Error ellipse: s-maj=42.2km s-min=26.7km az=140.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK, MNAS, KK31.

IDC 12 21:11:28.9.3.1.9.64S:113.53E, h0km, mb3.4/4, mb1.3/7.5, mb1mx3.5/3.3, mbtmp3.5/5, ML2.2/1, Error ellipse: s-maj=142.7km s-min=21.1km az=49.0

AUST 12 21:11:30.7.1.3.9.61S:113.76E, h0km, Error ellipse: s-maj=1.2km s-min=1.0km az=230.0

ISCJB 12 21:11:32.8.0.6.9.57S:0.07x113.84E:0.10, h31km, mb3.3/4, Error ellipse: s-maj=14.2km s-min=9.2km az=154.9

ISC 12 21:11:34.5.0.8.9.54S:0.09x113.88E:0.09, h31km, n14, r=513/13, mb3.4/4, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI, UGM, GIRL, FITZ, FITZ, KNRA, MEKE, FAKI, WRKA, WRA, ASAR, SONM, MKAR, MAW.

ISCJB 12 21:24:47.5.1.2.11.9N:0.2:44.1E:0.1, h4km, mb3.6/7, MS3.2/7, Error ellipse: s-maj=33.2km s-min=8.9km az=157.1

IDC 12 21:24:48.3.1.6.11.77N:44.01E, h0km, mb3.6/7, mb1.3/8.7, mb1mx3.5/3.2, mbtmp3.6/7, MS2.2/8, Ms1.3/2.8, ms1mx2.9/3.5, Error ellipse: s-maj=45.1km s-min=16.0km az=161.0

ISC 12 21:24:49.1.1.4.11.8N:0.3:44.0E:0.1, h4km, n15, r=654/9, mb3.8/7, MS3.1/7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD, KMBO, EIL, GNI, GEYT, BRTR, BRTR, OPO, KBZ, TORODI, GERES, MKAR, ZALV, CMAR, SONM, SFJD.

ISK 12 21:56:44.8.37.07N:28.33E, h6km, MD2.7

DDA 12 21:56:44.9.37.04N:28.47E, h7km, MD2.8

CSEM 12 21:56:44.9.0.3.37.05N:28.31E, h8km, MD2.7, Error ellipse: s-maj=9.3km s-min=4.7km az=43.0

ISCJB 12 21:56:45.3.0.7.37.07N:0.04:28.31E:0.05, h7km, 11km, Error ellipse: s-maj=8.0km s-min=4.3km az=42.5

ISC 12 21:56:44.8.1.1.37.06N:0.04:28.35E:0.03, h2km, 10km, n15, r=656/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER, YER, YER, YER, TURN, TURN, TURN, TURN, MLBS, MLBS, MLBS, FETHI, FETHI, FETHI, BDRM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM, DNZL, DNZL, DNZL, AYDB, AYDB, AYDB, KULA, KULA.

IDC 12 22:12:38.9.1.2.53.40N:166.81W, h0km, mb3.8/8, mb1.3/8.0, mb1mx3.5/6.1, mbtmp3.7/10, ML3.4/2, MS2.9/1, Ms1.3/0.1, ms1mx2.3/4.2, Error ellipse: s-maj=33.0km s-min=22.1km az=157.0

ISCJB 12 22:12:48.0.0.6.53.5N:0.1:166.5W:0.1, h77km, 4km, mb2.5/8, Error ellipse: s-maj=18.9km s-min=4.4km az=151.1

NEIC 12 22:12:48.1.53.30N:166.31W, h34km, ML3.5(AEIC), After AEIC

ISC 12 22:12:48.0.1.1.53.4N:0.1:166.44W:0.06, h65km, 8km, n15, r=1516/43, mb3.7/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UNV, UNV, MGOD, MGOD, MSOL, MSOL, MTBL, MTBL, ZRO, ZRO, AKRB, AKRB, AKUT, AKUT, AKGG, AKGG, AKSA, AKSA, OKFG, OKFG, OKTU, OKTU, OKKO, OKKO, OKSO, OKSO, WESP, WESP, WESP, WESP, WECS, WECS, NIKH, NIKH, WEBT, WEBT, SSSL, SSSL, ISLZ, ISLZ, FALS, FALS, DTT, DTT, SPJA, SPJA, KOPF, KOPF, ATKA, ATKA, KDAK, KDAK.

KDAX 0.3nm, 0.3s, baz=312, slow=17, SNR=3.9

ILAR 0.1nm, 0.3s, baz=231, slow=11, SNR=6.4

ILAR comp=Z.39nm, 18.3s, baz=190, slow=59, LR

YKA 0.3nm, 0.4s, baz=274, slow=8.6, SNR=14

H1N2 WAKE ISLAND Hy 39.41 222 T T 23 02 19.9

H1N1 WAKE ISLAND Hy 39.43 222 T T 23 02 21.0

H1S1 WAKE ISLAND Hy 40.59 221 T T 23 03 55.6

H1S2 WAKE ISLAND Hy 40.60 221 T T 23 03 57.0

H1S3 WAKE ISLAND Hy 40.61 221 T T 23 03 44.1

TXAR 0.2nm, 0.5s, baz=305, slow=5.6, SNR=5.9

BVAR 0.4nm, 0.5s, baz=15, slow=2.6, SNR=2.6

HFS Hagfors 66.79 360 P P 22 23 31.1 -0.9

EKA 0.8nm, 0.4s, baz=3.8, slow=4.5, SNR=13

AKASE 0.5nm, 0.6s, baz=345, slow=8.1, SNR=3.2

BRTR 0.3nm, 0.3s, baz=12, slow=6.0, SNR=3.9

WRA 1.0nm, 0.8s, baz=29, slow=2.8, SNR=3.7

WRA 0.5nm, 1.1s, baz=37, slow=8.0, SNR=2.6

MEX 12 22:15:04.5.0.5.14.41N:92.19W, h82km, 73km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG, CCGI, CCGI, IDC, IDC, WRA, WRA, ASAR, ASAR, BRTR, BRTR.

CSEM 12 22:19:36.4.39.50N:29.74W, h10km, ML2.5, After PDA

PDA 12 22:19:36.4.0.39.50N:29.74W, h10km, MD3.5, ML2.5, Error ellipse: s-maj=8.8km s-min=3.8km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED, PCED, PCED, CALA, CALA, CALA, CALA, HORTA, HORTA, HORTA, HORTA, ROSA, ROSA, ROSA, ROSA, PCAN, PCAN, PCAN, PCAN, PMAN, PMAN, PMAN, PMAN.

CSEM 12 22:36:08.9.39.63N:29.68W, h10km, ML2.8, After PDA

PDA 12 22:36:08.9.0.9.39.63N:29.68W, h10km, MD3.6, ML2.8, Error ellipse: s-maj=10.2km s-min=7.1km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED, PCED, CALA, CALA, CALA, CALA, HORTA, HORTA, HORTA, HORTA.

ISCJB 12 22:36:08.9.39.63N:29.68W, h10km, ML2.8, After PDA

PDA 12 22:36:08.9.0.9.39.63N:29.68W, h10km, MD3.6, ML2.8, Error ellipse: s-maj=10.2km s-min=7.1km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSA, ROSA, ROSA, ROSA, PGRA, PGRA, PGRA, PGRA, PCAN, PCAN, PCAN, PCAN, PICO, PICO, PICO, PICO, PMAN, PMAN, PMAN, PMAN.

NNC 12 22:36:00.7.9.6.36S:70.18E, h21km, 263km, mb4.0, mp3.6.5C-2D, Error ellipse: s-maj=287.4km s-min=41.1km az=18.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK, SFK, MNAS, MNAS, AML, AML, KK31, KK31, UCH, UCH, EKSE, EKSE, AAK, AAK, AAK, AAK, TKM2, TKM2.

CSEM 12 22:40:13.9.39.52N:29.85W, h10km, ML2.7, After PDA

PDA 12 22:40:13.9.0.8.39.52N:29.85W, h10km, MD3.6, ML2.7, Error ellipse: s-maj=20.4km s-min=6.6km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CALA, CALA, CALA, CALA, CALA, CALA, HORTA, HORTA, HORTA, HORTA, ROSA, ROSA, ROSA, ROSA, PCAN, PCAN, PCAN, PCAN, PICO, PICO, PICO, PICO.

MEX 12 22:41:07.8.0.4.14.14N:92.28W, h17km, 151km, MD3.5, Near coast of Chiapas

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

ISCJB 12 22:53:22.3.0.6.3.83S:0.08:141.72E:0.09, h54km, mb3.9/9, MS2.9/1, Error ellipse: s-maj=14.5km s-min=9.3km az=149.9

IDC 12 22:53:33.3.4.1.4.08S:141.69E, h148km, 45km, mb3.6/9, mb1.3/3.12, mb1mx3.5/3.8, mbtmp4.2/12, MS3.0/3, Ms1.3/0.3, ms1mx2.6/2.0, Error ellipse: s-maj=31.5km s-min=20.5km az=131.0

ISC 12 22:53:24.4.0.8.3.85S:0.1:141.7E:0.1, h54km, n14, r=114/13, mb3.9/9, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, PMG, WRA, WRA, GUMO, GUMO, BARI, BARI, SATI, SATI, FITZ, FITZ, FITZ, FITZ, USRK, USRK, SONM, SONM, MKAR, MKAR, ZALV, ZALV, KURBB, KURBB, BVAR, BVAR.

13d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like Baumata, Padana Panjang, Changchun, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like PETK, KZAY, TKM2, ZAAO, etc.

528

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, KIEV, AK11, INK, etc.

Table titled 'MAN 13 00:28:11, 16:43N:121:12E, h29km, mb4.5, ML3.4, MS3.4, IC-2D, Luzon'. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table titled 'SKHL 13 00:52:38.9:0.7, 54:29N:127:15E, h12km, mb4.5, ML3.4, MS3.4, IC-1D, Southeastern Siberia'. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TUZ, ABJI, JAGI, KKM, KMI, JOHN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SNR=5.1, KSULL, KSULL, KSULL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QIZ, Qiongzong, Kuril'sk, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SFJD, Kangerlussuaq, and various other locations.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BEL, Belsk, and various other locations.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MBAR, LIA, and various other locations.

GOPC	GO Pecny, Ondr	125.78 330	ePKPdf	PKPdf	01 33 28.3 +0.8	NEST	Nestorio	127.30 317	P	PKPdf	01 33 30.4 -0.4	SSB	Saint Sauveur	133.98 332	ePKPpre	PKPpre	01 33 34.3	
GOPC			ePKP	PKPdf	01 34 04.7 -1.3	IBBN	lbenburen	127.31 336	ePKPdf	PKPdf	01 33 31.3 +1.1	SSB			ePKPdf	PKPdf	01 33 44.6 0.0	
GOPC			ePP	PP	01 35 21.2 0.0	KALE	Gavdhos	127.37 309	P	PKPdf	01 34 08.3 -0.5	CLTB	Caltabellotta	134.00 318	ePKPdf	PKPdf	01 33 43.4 -0.1	
GOPC			ex	SP	01 36 02.6	IBBN	Kalitha	127.43 314	P	PKPdf	01 33 30.8 -0.9	SDV	Santo Domingo	134.05 84	ePKPdf	PKPdf	01 33 43.4 -1.0	
GOPC			ev	X	01 47 28.9 -3.4	KALE	Kalitha	127.43 314	P	PKPdf	01 33 30.8 -0.9	CPUP	Villa Florida	134.25 137	ePKPdf	PKPdf	01 33 43.4 +0.1	
GOPC			eSS	SS	01 52 13.5 +3.6	EDR	Ervynta	127.44 315	P	PKPdf	01 33 31.0 -0.1	CPUP	comp=Z,9.9nm,0.8s,baz=277,slow=1.7,SNR=18		SKPab	SKPbc	01 37 00.9 +0.4	
GOPC			AMS	AMS	02 28 40.0	PVG	Podgorica	127.52 320	I/P	PKPdf	01 33 30.7 -0.3	CPUP	comp=Z,2.2um,24.5s					
THR3	Thira Island, Trest	125.81 311	P	PKPdf	01 33 27.3 -0.6	PDG	Podgorica	127.52 320	P	PKPdf	01 33 30.6 -0.4	CPUP	Villa Florida	134.25 137	ePKPdf	PKPdf	01 33 42.3 -1.9	
TREC		125.82 329	ePKIKP	PKPdf	01 33 28.9 +0.7	WLI	Velai	127.53 312	P	PKPdf	01 33 30.0 -1.2	VSL	Vissalotto	135.34 322	ePKPdf	PKPdf	01 37 00.9 +0.3	
TREC			e	PK	01 34 05.3	WLI	Ganja Luka	127.56 323	I/P	PKPdf	01 33 31.0 -0.3	MPR	Mayaguez	136.69 70	ePKPdf	PKPdf	01 33 48.8 -0.2	
TREC			e	MLR	01 35 23.7	KLV	Kalavryta, Ach	127.57 314	P	PKPdf	01 33 32.6 +1.4	LSP	Las Mesas	136.75 70	ePKPdf	PKPdf	01 33 48.5 -0.6	
TREC			e	MLR		EPF	Epalio	127.58 314	P	PKPdf	01 33 31.2 -0.1	CRPR	Cabo Rojo, PR	136.75 71	ePKPpre	PKPpre	01 33 36.7	
TREC			e	AMS		LAKA	Lakia	127.61 314	P	PKPdf	01 33 31.0 -0.3	CRPR			ePKPdf	PKPdf	01 33 47.9 -1.1	
TREC			e	AMS		LVC	Limon Verde	127.62 125	ePKPdf	PKPdf	01 33 32.9 +0.8	OBIP	Obispado Ponce	137.22 71	ePKPdf	PKPdf	01 33 49.3 -1.0	
TREC			e	AMS		PERS	Pernice	127.64 326	ePKPdf	PKPdf	01 34 07.7 -2.0	SIV	San Ignacio	137.28 122	PKP	PKPdf	01 33 49.3 -0.9	
TREC			e	AMS		PERS			ePP	PP	01 35 34.6 +1.0	SIV	comp=Z,4.5nm,0.8s,baz=264,slow=6.5,SNR=3.2				01 37 10.1	
TREC			e	AMS		PERS			ePP	PP	01 36 09.2	SIV	comp=Z,12nm,1.0s,baz=223,slow=2.1,SNR=4.6					
HORT	Horlatias	125.82 316	eP	PKPdf	01 33 26.4 -1.5	GRF	Grafenberg Arr	127.66 332	ePKPdf	PKPdf	01 33 31.9 +0.8	KEST	Keসা	137.61 318	PKIKP	PKPpre	01 33 39.2	
HORT	Horlatias	125.82 316	P	PKPdf	01 33 25.8 -2.1	GRF	comp=Z,2.278nm,1.7s		ePKPdf	PKPdf	01 34 08.9 -0.7	KEST	comp=Z,4.9nm,0.8s,baz=146,slow=1.8,SNR=6.1		PKP	PKPdf	01 33 50.8 +0.4	
THR6	Thira Island, Pruhonice	125.83 311	P	PKPdf	01 33 27.2 -0.7	GRF			ePP	PP	01 35 35.1 +1.6	KEST	Keসা	137.61 318	ePKPdf	PKPdf	01 33 40.7	
PRU		125.86 330	ePKIKP	PKPdf	01 33 28.3 +0.7	GRFO	Grafenberg	127.66 332	ePKIKP	PKPdf	01 33 31.7 +0.7	KEST	comp=Z,2.25nm,0.8s,baz=146,slow=1.8,SNR=6.1		ePKPdf	PKPdf	01 33 50.5 +0.2	
PRU			e	PK	01 34 04.9	GRFO	Grafenberg	127.66 332	ePKIKP	PKPdf	01 33 31.7 +0.7	CPD	Cerro la Pandu	137.87 70	ePKIKP	PKPpre	01 33 41.1	
PRU			e	SP	01 34 19.7	VXK	Vlachokerasia	127.68 313	P	PKPdf	01 33 31.7 +0.7	CPD	Cerro la Pandu	137.87 70	ePKPpre	PKPpre	01 33 41.1	
PRU			e	MLR	01 45 01.0 -7.1	JAN	Jani	127.78 316	P	PKPdf	01 33 31.9 +0.2	HUMP	Col San Antoni	137.91 70	ePKPdf	PKPdf	01 33 40.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	HUMP	comp=Z,1.4nm,0.8s,baz=277,slow=1.7,SNR=18		ePKPdf	PKPdf	01 33 52.0 +0.8	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	CMAH	Djebel Manchow	138.33 320	P	PKPpre	PKPpre	01 33 43.1
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	ABSA	Djebel Abasbia	138.51 320	P	PKPpre	PKPpre	01 33 45.6
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	STVI	Saint Thomas	138.71 70	ePKPdf	PKPdf	01 33 42.8	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	CAS	CASM Ain Smara	139.14 321	P	PKPpre	PKPpre	01 33 46.2
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	DFRA	Djebel Bou Aff	139.34 322	P	PKPpre	PKPpre	01 33 47.9
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	SET	Setif	139.86 322	P	PKPpre	PKPpre	01 33 48.0
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	SMRT	St. Maarten	140.51 70	ePKPpre	PKPpre	01 33 47.5	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	EMHD	Djebel Mahouad	141.34 324	ePKPdf	PKPdf	01 33 50.5 -1.4	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG	Braganca	141.56 339	ePKPdf	PKPpre	01 33 53.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG	comp=Z,2.278nm,1.7s		ePP	PP	01 34 25.7	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 02.2 +1.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 51.2	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 34 34.3	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 04.3 +0.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 55.1	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 37 07.2 +2.9	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.6	
PRU			e	MLR		DRO	Drossia	127.85 315	P	PKPdf	01 33 31.4 -0.4	PBRG			ePP	PP	01 33 52.0	
PRU			e	MLR		DRO	Drossia	127.85										

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Candalaria, Cha da Macela, Pico do Norte, Santa Maria, etc.

CSEM 13 01:32:23.7, 39:65N, 29:69W, h10km, ML2.7, After PDA

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

IDC 13 02:00:00.1+1.1, 16:52N, 121:30E, h0km, mb3.7/8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BCPH, BCPH, PCPH, CAUP, etc.

IDC 13 02:06:17.8-6.1, 8:75S, 119:35E, h0km, mb3.5/2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WSI, WSI, BANI, TWSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Port Moresby, Alice Springs, FITZ, TORO, etc.

CSEM 13 02:36:54.3, 39:55N, 29:64W, h10km, ML2.8, After PDA

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

ISK 13 02:45:02.6, 38:41N, 39:74E, h10km, MD3.0

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

IDC 13 02:45:51.7, 4:5, 47:82N, 147:27E, h390km, 53km, mb2.6/6

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNAS, MNAS, AML, EKS2, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like UCH, UCH, USP, CHMS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AB31, AB31, AB31, AB31, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MK31, MK31, MKAR, MKAR, etc.

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

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

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

ISK 13 02:56:17.0, 37:38N, 26:96E, h4km, MD2.7

DDA 13 02:56:17.8, 37:84N, 26:94E, h7km, Md2.6

CSEM 13 02:56:17.8.0.3, 37.82N, 26.95E, h5km, MD2.6, Error ellipse: s-maj=7.7km s-min=5.7km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGB, GCAM, ZEV, URLA, IZMIR, AYDB, MSLB, DKL, APE, KULA, DNZL, CAKIROLUK.

CASC 13 02:59:22.9.3.2, 8.37N, 82.90W, h8km, 8km, MD4.0, 2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACR, BRUZ, TBS2, CT93, BUS, GCR, CCR, CGA2, PNME, JCR, AZU, FORC, JTS, PTEN, BCIP, CUI, UPIG, GNS2.

GUC 13 03:05:23.7.0.4, 36.01S, 73.14W, h29km, 4km, ML4.1, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LNCH, TALC, NICH, LNCH, LNV, CHCH, CLCH, PEL, PEL.

IDC 13 03:17:25.1.3.2, 34.31N, 140.62E, h43km, 23km, mb3.7/9, mb1 3.9/12, mb1mx3.6/34, mbtmp3.9/12, ML3.6/3, MS2.9/1, Ms1 2.9/1, ms1mx2.5/53, Error ellipse: s-maj=36.2km s-min=7.4km az=85.0

ISCJB 13 03:17:26.3.0.6, 34.32N, 140.38E, 0.06, h65km, 5km, mb3.8/9, Error ellipse: s-maj=8.9km s-min=6.1km az=169.3

JMA 13 03:17:27.1.0.2, 34.36N, 140.38E, h58km, 9km, M3.4, ISC 13 03:17:27.0.1.0, 34.33N, 140.41E, 0.01, h55km, 9km, n32, e1905/33, mb4.0/9, 2C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BS03, BS01, BS04, BS04, TATJ, JIM2, JKO, KTO, KJJ, KJJ, JHU2, JHU, JHU, JHZ, JIZS, JOD2, JOD2, MJAR, MJAR, JNU, KSR5, KSR5, KLR, H1N2, H1N1, H1N3, H1S3, H1S1, H1S2, SONM, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV, MKAR, WRA, ASAR, FINES, AKAS, NOA, TORD.

IDC 13 03:49:28.6.3.3, 30.70S, 177.98W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/26, mbtmp3.6/3, Error ellipse: s-maj=76.7km s-min=23.7km az=118.0, Kermadec Islands

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

GUC 13 03:51:35.0.1, 17.32S, 70.97W, h20km, h8km, ISCJB 13 03:51:42.6.1.5, 17.79S, 0.08W, 70.1W, 0.2, h137km, 6km, az=21.8, IDC 13 03:51:42.4.4.1, 17.76S, 70.08W, h127km, 18km, mb3.5/3, mb1 3.6/6, mb1mx3.3/23, mbtmp3.6/6, Error ellipse: s-maj=59.4km s-min=11.7km az=107.0

ISC 13 03:51:42.2.3.3, 17.75S, 0.1x70.2W, 0.2, h126km, 11km, n11, e079/18, mb3.6/3, 2C-2D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB13, MNMC, PSCG, PB11, LPAZ, HMBC, LVC, LVC, SIV, BDFB, DBIC, TORD.

CSEM 13 03:56:38.9.39, 58N, 29.57W, h10km, ML2.8, After PDA PDA 13 03:56:38.9.0.3, 39.58N, 29.57W, h10km, MD3.6, ML2.8, Error ellipse: s-maj=8.0km s-min=5.3km az=71.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED, CALA, CALA, CALA, CALA, HOR, HOR, HOR, ROSA, ROSA, ROSA, PGRA, PGRA, PGRA, PCAN, PCAN, PCAN, PICO, PICO, PICO, PMAN, PMAN, PMAN.

IDC 13 03:58:51.6.2.2, 19.01N, 38.99E, h0km, mb3.7/5, mb1 3.7/5, mb1mx3.5/37, mbtmp3.7/5, MS3.6/2, Ms1 3.6/2, ms1mx2.8/32, Error ellipse: s-maj=65.5km s-min=27.4km az=156.0, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EIL, BRTR, GEYT, TORD, MKAR, ZALV, SONM.

GUC 13 04:17:32.2.0.4, 20.70S, 70.58W, h47km, 99km, ML3.5, ISC 13 04:17:32.8.0.1, 20.69S, 0.05, 70.6W, 0.1, h35km, n13, e054/10, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB01, PSCG, PSCG, PB07, PB07, PB07, PB04, LPAZ, TORD, H1S2, H1S1, H1S3, H1N3, H1N2, H1N1, MKAR.

IDC 13 04:25:02.5.7.6, 6.63S, 147.06E, h73km, 74km, mb2.4/1, mb1 2.8/3, mb1mx2.8/48, mbtmp2.8/3, ML2.2/2, Error ellipse: s-maj=82.7km s-min=51.2km az=116.0, Eastern New Guinea region

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

IDC 13 04:26:26.9.0.7, 18.55N, 120.41E, h0km, mb3.8/13, mb1 4.0/14, mb1mx3.8/48, mbtmp3.8/14, MS3.6/7, Ms1 3.6/7, ms1mx3.2/34, Error ellipse: s-maj=25.1km s-min=13.8km az=71.0

ISCJB 13 04:26:29.1.2, 18.78N, 0.05, 120.13E, 0.07, h21km, 9km, mb3.8/12, MS3.6/7, Error ellipse: s-maj=11.3km s-min=7.4km az=163.4

MAN 13 04:26:29.18, 76N, 120.14E, h12km, mb5.0, ML4.0, MS4.1, ISC 13 04:26:28.6.1.9, 18.66N, 0.05, 120.15E, 0.08, h12km, 12km, n27, e142/28, mb3.8/12, MS3.7/7, 2C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PIP, SIPP, ABRA, ABRA, APYV, SCGP, BOLP, BCPH, CAUP, BBP, KPSR, CMAR, CMAR, MJAR, SONM, FITZ, WRA, MKAR, ASAR, ZALV, ZALV, AAK, KURBB, STKA, GEYT, ILAR, FINES, NOA, YKA.

CSEM 13 04:31:26.0.39, 79N, 29.72W, h10km, ML2.9, After PDA PDA 13 04:31:26.0.0.6, 39.79N, 29.72W, h10km, MD3.6, ML2.9, Error ellipse: s-maj=17.1km s-min=5.3km az=58.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CALA, CALA, CALA, CALA, HOR, HOR, HOR, ROSA, ROSA, ROSA, PICO, PICO, PICO, PICO, PICO, PICO, PICO, PICO, PICO.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songo Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam.

GUC 13 08:46:16.5:0.3,3479Sx72.47W,h7km,2km,ML3.6, 3C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHPI Pichilemu, TALC Talca, NICH Nos Liches, LNV Longovilo, LNCH Linares, CHCH Chadas Angost, CLCH Cerro Calan, PEL Peldehue.

ISCJB 13 08:51:39.8:0.6,35.30N:0.03:-27W:0.02,h8km,4km, Error ellipse: s-maj=4.4km s-min=2.6km az=168.2

NEIC 13 08:51:40.1,35.32N:92.32W,h5km,MD2.7(CERI), After CERI

NEIC Felt at Quitman. ISC 13 08:51:39.7:1.4,35.30N:0.03:-92.29W:0.02,h2km,11km, n47,c095/75,Arkansas

Main table of station data for the GUC and ISC events, listing call signs, names, frequencies, and technical parameters.

Table with columns: Call Sign, Name, Frequency, Mode, Power. Includes stations like W34A Bridge Creek, W34A Mercer Eighty, W34A Mercer Eighty, W34A Mercer Eighty, W34A Mercer Eighty, W34A Mercer Eighty.

BUL 13 08:56:42.0,18.40S:174.60W,h85km,mb5.0/18, mB5.4/13, Ms5.5/9, Ms7.5/9

AUST 13 08:56:44.1,1.1,18.25S:174.63W,h87km,17km, Error ellipse: s-maj=14.6km s-min=8.7km az=62.0

NEIC 13 08:56:47.1:0.8,18.44S:174.62W,h109km,7km,mb5.1/28, Error ellipse: s-maj=10.8km s-min=6.9km az=127.0

ISCJB 13 08:56:48.0:0.3,18.51S:0.04:174.73W:0.06,h130km, mb4.7/46, Error ellipse: s-maj=7.8km s-min=5.5km az=13.6

IDC 13 08:56:48.7:0.7,18.38S:174.77W,h116km,6km,mb4.5/20, mb1.4/5.20,mb1mx4.2/44,mbtmp4.8/20, Error ellipse: s-maj=14.9km s-min=11.0km az=135.0

ISC 13 08:56:49.2:0.4,18.63S:0.06:174.56W:0.07,h130km, n143,c158/151,mb4.8/46,2C-3D,Tonga Islands

Main table of station data for the BUL, AUST, NEIC, ISCJB, and IDC events, listing call signs, names, frequencies, and technical parameters.

Main table of station data for the 13d 8h period, listing call signs, names, frequencies, and technical parameters.

Table with columns: CLL, Colim, 146.85 351, PKPbc, PKPbc, 09 16 16.4 +0.3, etc.

IDC 13 08:59:11.1 ± 1.4, 11.80N; 59.29W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.6/44, mbtmp3.8/6, ML4.0/1, Error ellipse: s-maj=47.5km s-min=28.3km az=44.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

IDC 13 09:01:20.5 ± 0.6, 18.96N; 121.37E, h0km, mb3.8/14, mb1 4.0/15, mb1mx3.9/53, mbtmp5.8/15, ML3.7/1, MS3.1/6, MS1 3.1/6, ms1mx3.0/59, Error ellipse: s-maj=23.5km s-min=14.7km az=71.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

Table with columns: SSSL, Suanglung, 4.71 358, Pn, Pn, 09 02 37.3 +0.4, etc.

IDC 13 09:18:25.8 ± 0.3, 6.26S; 104.03E, h0km, mb5.4/66, mb1 5.4/48, mb1mx5.3/53, mbtmp5.3/48, ML4.7/2, MS5.2/43, MS1 5.2/43, ms1mx5.1/48, Error ellipse: s-maj=12.1km s-min=7.8km az=44.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

IDC 13 09:18:32.0 ± 0.3, 6.34S; 104.01E; 0.03, h46km, 2km, h46km; PP-P, n1448, r1387/1367, mb5.6/194, MS5.3/286, 93C-24D, Sunda Strait

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc.

Table with columns: LEM, 262nm, 0.3s, baz=200, slow=21, SNR=6.2, Sn, Sn, 09 20 18.2 +11, etc.

549

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MJAR, CN2, SMDO, SONM, etc.

2010 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes stations like NAZ, MAKZ, MNAS, ZAK, ASUD, etc.

13d 9h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like DAMY, IZEF, YUK, etc.

13d 9h

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like AKTO, AKTYUBINSK, ODZ, RPZ, TARAWA, etc.

2010 DEC

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like ZALF, AJ JAHLAN, AL ASFAR, etc.

550

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like TOS, VORD, CANT, etc.

TOC3	comp-Z, 800nm, 19.0s	Torodi Ar. Sit	103.35 282	PFAKE	LR	09 32 40.0 +12
TOC3	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.35 282	PFAKE	LR	09 32 40.0 +12
RC01	comp-Z, 2um, 20.0s	Rabbit Creek A	103.36 29	PFAKE	LR	09 32 40.0 +13
TOB2	comp-Z, 900nm, 21.0s	Torodi Ar. Sit	103.36 282	PFAKE	LR	09 32 40.0 +12
TOB3	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.37 282	PFAKE	LR	09 32 40.0 +12
TOC4	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.37 282	PFAKE	LR	09 32 40.0 +12
WRH	comp-Z, 2um, 19.0s	Wood River Hill	103.37 25	PFAKE	LR	09 32 40.0 +13
TOC1	comp-Z, 700nm, 21.0s	Torodi Ar. Sit	103.37 282	PFAKE	LR	09 32 40.0 +12
COLA	comp-Z, 2um, 19.0s	College	103.37 25	PFAKE	LR	09 32 40.0 +13
TOA0	comp-Z, 800nm, 20.0s	Torodi Ar. Sit	103.38 282	PFAKE	LR	09 32 40.0 +12
TORD	comp-Z, 2um, 19.0s	Torodi Ar. Bea	103.38 282	Pdiff	Pdif	09 32 28.0 -0.1
TORD	comp-Z, 0.7nm, 1.0s, baz=81, slow=4.9, SNR=3.0	Torodi Ar. Sit	103.38 282	PKIKP	PKIKP	09 36 46.3 -0.9
TORD	comp-Z, 0.9nm, 0.9s, baz=104, slow=1.7, SNR=3.3	Torodi Ar. Sit	103.38 282	PKKPbc	PKKPbc	09 48 22.7 +0.6
TOA1	comp-Z, 0.7nm, 0.6s, baz=291, slow=4.3, SNR=9.4	Torodi Ar. Sit	103.38 282	PFAKE	LR	09 32 40.0 +12
TOB1	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.38 282	PFAKE	LR	09 32 40.0 +12
TOB4	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.39 282	PFAKE	LR	09 32 40.0 +12
TOB5	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.39 282	PFAKE	LR	09 32 40.0 +12
TOC7	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.39 282	PFAKE	LR	09 32 40.0 +12
TOC5	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.39 282	PFAKE	LR	09 32 40.0 +12
TOC6	comp-Z, 2um, 19.0s	Torodi Ar. Sit	103.40 282	PFAKE	LR	09 32 40.0 +12
PMR	comp-Z, 2um, 19.0s	Palmer	103.54 28	PFAKE	LR	09 32 40.0 +12
PPT2	comp-Z, 800nm, 20.0s	Papeete2	103.59 110	ePdif	Pdif	09 32 29.6 +0.5
PPT2	comp-Z, 88nm, 26.0s	Papeete2	103.59 110	ePP	PP	09 36 35.0 -1.1
PPT2	comp-Z, 1.58nm, 28.0s	Papeete2	103.59 110	eSdif	Sdif	09 44 11.2 -3.8
PPT2	comp-Z, 797nm, 26.8s	Papeete2	103.59 110	ePS	PS	09 45 54.5 -2.6
PPT2	comp-Z, 537nm, 28.5s	Papeete2	103.59 110	eSS	SS	09 51 27.2 -1.4
PPT2	comp-Z, 679nm, 26.0s	Papeete2	103.59 110	eLR	LR	10 06 33.3
ILAR	comp-Z, 2um, 24.0s	Eielson Array	103.80 25	PP	PP	09 36 45.4 -0.6
ILAR	comp-Z, 1.6nm, 1.0s, baz=284, slow=5.7, SNR=5.4	Eielson Array	103.80 25	PKKPbc	PKKPbc	09 48 20.1 -2.4
ILAR	comp-Z, 0.4nm, 0.8s, baz=120, slow=1.9, SNR=7.5	Eielson Array	103.80 25	PKKPbc	PKKPbc	09 48 31.9 +0.9
SML	comp-Z, 0.5nm, 0.7s, baz=115, slow=1.4, SNR=5.8	Sawmill	103.87 28	PFAKE	LR	09 32 40.0 +11
SCM	comp-Z, 700nm, 19.0s	Sheep Creek Mo	104.33 28	PFAKE	LR	09 32 40.0 +8.6
PAX	comp-Z, 700nm, 20.0s	Paxson	104.88 26	PFAKE	LR	09 32 50.0 +16
ESK	comp-Z, 699nm, 21.0s	Eskdalemuir	104.96 326	PFAKE	LR	09 32 50.0 +16
KLU	comp-Z, 1um, 19.0s	Klutina	105.06 28	PFAKE	LR	09 32 50.0 +15
DIV	comp-Z, 600nm, 20.0s	Divide	105.22 28	PFAKE	LR	09 37 00.0
DOT	comp-Z, 900nm, 21.0s	Dot Lake	105.30 25	ePdif	Pdif	09 32 30.7 -5.0
EYAK	comp-Z, 2um, 19.0s	Cordova Ski Ar	105.38 29	PFAKE	LR	09 37 00.0
BMRM	comp-Z, 1um, 19.0s	Bremner River	105.82 28	PFAKE	LR	09 37 00.0
RAGM	comp-Z, 999nm, 22.0s	Ragged Mountai	105.94 29	PFAKE	LR	09 37 00.0
SHEL	comp-Z, 1um, 20.0s	Horse Pasture	107.05 251	PFAKE	LR	09 37 10.0
DAWY	comp-Z, 1um, 20.0s	Dawson	107.11 24	PFAKE	LR	09 37 00.0
INK	comp-Z, 1um, 20.0s	Inuvik	107.47 19	PKIKP	PKIKP	09 36 53.4 +0.1
INK	comp-Z, 2.0nm, 0.9s, baz=303, slow=4.4, SNR=6.0	Inuvik	107.47 19	PKKPbc	PKKPbc	09 48 21.7 -1.5
INK	comp-Z, 1.0nm, 0.6s, baz=110, slow=3.8, SNR=5.6	Inuvik	107.47 19	PKIKP	PKIKP	09 36 53.4 +0.1
ESDC	comp-Z, 1um, 22.0s	Sonsee Array	107.85 30	PP	PP	09 37 19.0 +2.2
PCA	comp-Z, 0.3nm, 0.3s, baz=61, slow=5.7, SNR=5.8	Pinnacle	108.13 28	PFAKE	LR	09 37 10.0
DBIC	comp-Z, 1um, 19.0s	Dimbokro	109.39 275	PKIKP	PKIKP	09 36 58.9 +0.5
SUMG	comp-Z, 4.6nm, 1.1s, baz=90, slow=1.4, SNR=2.4	Summit	110.00 349	PFAKE	LR	09 37 10.0
SKAG	comp-Z, 2um, 20.0s	Skagway	110.68 28	PFAKE	LR	09 37 10.0
RES	comp-Z, 900nm, 21.0s	Resolute Bay	110.83 5	PFAKE	LR	09 37 10.0
RKT	comp-Z, 2um, 20.0s	Rikitea	115.38 119	ePP	PP	09 38 03.6 -7.4
RKT	comp-Z, 1.48nm, 29.2s	Rikitea	115.38 119	ePS	PS	09 47 50.3 -1.7
RKT	comp-Z, 543nm, 29.2s	Rikitea	115.38 119	eSS	SS	09 54 05.7 -0.8
RKT	comp-Z, 682nm, 29.5s	Rikitea	115.38 119	eLR	LR	10 11 59.8
ASCN	comp-Z, 2um, 22.2s	Ascension	116.92 258	PFAKE	LR	09 37 30.0 +17
YKA	comp-Z, 2um, 20.0s	Yellowknife Ar	117.24 19	PKP	PKP	09 37 11.6 -0.4
YKA	comp-Z, 1.9nm, 0.6s, baz=329, slow=2.0, SNR=5.4	Yellowknife Ar	117.24 19	PKP	PKP	09 38 20.7 -1.9
YKA	comp-Z, 1.9nm, 0.8s, baz=323, slow=6.2, SNR=5.5	Yellowknife Ar	117.24 19	PKKPbc	PKKPbc	09 47 39.3 -0.6
YKA	comp-Z, 0.4nm, 0.6s, baz=124, slow=4.8, SNR=6.4	Yellowknife Ar	117.24 19	PKIKP	PKIKP	09 37 11.6 -0.4
YKA	comp-Z, 2.0nm, 0.6s	YKA		pmax	pmax	
B05A	comp-Z, 2.0nm, 0.9s	Bryant	122.83 35	P	PKP	09 37 24.3 +1.1
LONL	comp-Z, 600nm, 22.0s	Longmire	123.78 36	ePKP	PKP	09 37 26.4 +1.2

LONL	comp-Z, 600nm, 22.0s	Longmire	123.78 36	ePKP	PKP	09 37 26.4 +1.2
F04A	comp-Z, 600nm, 22.0s	Amby Liberty	123.83 37	ePKP	PKP	09 37 26.4 +1.2
EDM	comp-Z, 700nm, 22.0s	Edmonton	124.24 26	PFAKE	LR	09 37 40.0 +14
I03D	comp-Z, 1um, 20.0s	Drain, OR	124.32 40	P	PKP	09 37 27.5 +1.3
I04A	comp-Z, 1um, 20.0s	Tendick Farm,	124.88 40	P	PKP	09 37 28.0 +0.6
HUMO	comp-Z, 1um, 20.0s	Hull Mountain	125.08 41	ePKP	PKP	09 37 29.3 +1.6
C09A	comp-Z, 1um, 20.0s	Chrisman Ranch	125.22 34	ePKP	PKP	09 37 28.7 +0.9
D08A	comp-Z, 1um, 20.0s	Wollman Farm,	125.28 35	ePKP	PKP	09 37 29.1 +1.2
I05D	comp-Z, 1um, 20.0s	Terrebonne, OR	125.28 39	P	PKP	09 37 28.9 +0.8
J04D	comp-Z, 1um, 20.0s	Umpqua Nationa	125.33 40	P	PKP	09 37 29.4 +1.0
NEW	comp-Z, 1um, 20.0s	Newport	125.58 33	ePKIKP	PKP	09 37 29.3 +0.7
NEW	comp-Z, 1um, 20.0s	Newport	125.58 33	P	PKP	09 37 29.2 +0.7
NEW	comp-Z, 1um, 20.0s	Newport	125.58 33	ePKP	PKP	09 37 29.3 +0.7
M02C	comp-Z, 1um, 20.0s	Callahan	125.70 43	P	PKP	09 37 30.3 +1.3
J05D	comp-Z, 1um, 20.0s	Fort Rock, OR	125.87 40	P	PKP	09 37 30.9 +1.5
N02D	comp-Z, 1um, 20.0s	Trinity Center	125.99 43	P	PKP	09 37 30.8 +1.2
M04C	comp-Z, 1um, 20.0s	Macdoel	126.20 42	P	PKP	09 37 31.1 +1.0
WDC	comp-Z, 900nm, 22.0s	Whiskeytown Da	126.28 43	ePKIKP	PKP	09 37 30.9 +0.8
WDC	comp-Z, 900nm, 22.0s	Whiskeytown Da	126.28 43	ePKP	PKP	09 37 30.9 +0.8
K05A	comp-Z, 900nm, 22.0s	Summer Lake	126.36 40	ePKP	PKP	09 37 32.0 +1.6
WALA	comp-Z, 900nm, 22.0s	Waterton Lakes	126.75 30	ePKP	PKP	09 37 34.0 +3.2
F10A	comp-Z, 900nm, 22.0s	Beach Ranch, E	126.86 35	ePKP	PKP	09 37 32.0 +0.9
O03D	comp-Z, 700nm, 21.0s	Paynes Creek	126.91 43	P	PKP	09 37 31.9 +0.5
BSMT	comp-Z, 700nm, 21.0s	Basco Peak	127.07 32	ePKP	PKP	09 37 32.1 +0.5
MCCM	comp-Z, 700nm, 21.0s	Marconi Confer	127.09 46	PFAKE	LR	09 37 40.0 +8.4
JTMT	comp-Z, 700nm, 21.0s	Jette	127.40 32	ePKP	PKP	09 37 33.6 +1.4
FFC	comp-Z, 700nm, 21.0s	Fin Flon	127.42 19	ePKIKP	PKP	09 37 31.6 -0.2
FFC	comp-Z, 1um, 21.0s	Fin Flon	127.42 19	ePKP	PKP	09 37 31.6 -0.2
ORV	comp-Z, 1um, 21.0s	Oroville	127.45 44	ePKIKP	PKP	09 37 33.1 +0.8
ORV	comp-Z, 500nm, 21.0s	Oroville	127.45 44	ePKP	PKP	09 37 33.1 +0.8
BMO	comp-Z, 600nm, 21.0s	Blue Mountains	127.45 36	ePKIKP	PKP	09 37 32.7 +0.4
BMO	comp-Z, 600nm, 21.0s	Blue Mountains	127.45 36	ePKP	PKP	09 37 32.7 +0.4
J08A	comp-Z, 600nm, 21.0s	Circle Bar Ran	127.57 38	ePKP	PKP	09 37 34.1 +1.5
SWMT	comp-Z, 600nm, 21.0s	Swartz Lake	127.70 32	ePKP	PKP	09 37 33.0 +0.3
W01F	comp-Z, 600nm, 21.0s	Wild Horse Val	127.95 39	ePKP	PKP	09 37 34.8 +1.4
AFDM	comp-Z, 600nm, 21.0s	Forest Hills D	128.09 44	ePKP	PKP	09 37 34.9 +1.2
MSO	comp-Z, 600nm, 22.0s	Missoula	128.16 32	P	PKP	09 37 34.2 +0.6
MSO	comp-Z, 600nm, 22.0s	Missoula	128.16 32	ePKP	PKP	09 37 33.7 +0.1
CMB	comp-Z, 800nm, 19.0s	Columbia Coile	128.91 45	ePKIKP	PKP	09 37 35.7 +0.5
CMB	comp-Z, 600nm, 20.0s	Columbia Coile	128.91 45	ePKP	PKP	09 37 35.7 +0.5
MFID	comp-Z, 600nm, 20.0s	Camas Ranch	129.14 37	ePKP	PKP	09 37 36.8 +1.2
EGMT	comp-Z, 700nm, 20.0s	Eggleton	129.49 29	P	PKP	09 37 37.0 +0.9
EGMT	comp-Z, 700nm, 20.0s	Eggleton	129.49 29	ePKP	PKP	09 37 37.0 +0.9
DLMT	comp-Z, 700nm, 20.0s	Limekiln Ridge	129.60 33	ePKP	PKP	09 37 37.7 +1.2
HLID	comp-Z, 800nm, 21.0s	Hailey	129.90 36	P	PKP	09 37 38.9 +1.8
HLID	comp-Z, 800nm, 21.0s	Hailey	129.90 36	ePKP	PKP	09 37 38.7 +1.6
BMN	comp-Z, 1um, 21.0s	Battle Mountai	129.90 41	PFAKE	LR	09 37 50.0 +13
BOZ	comp-Z, 500nm, 21.0s	Bozeman (W)	130.15 32	P	PKP	09 37 38.5 +1.0
BOZ	comp-Z, 500nm, 21.0s	Bozeman (W)	130.15 32	PFAKE	LR	09 37 50.0 +12
NV01	comp-Z, 800nm, 21.0s	Mina Array Sit	130.18 44	ePKP	PKP	09 37 39.0 +1.1
NVAR	comp-Z, 0.9nm, 0.8s, baz=170, slow=1.8, SNR=6.5	Mina Array Bea	130.18 44	PKIKP	PKIKP	09 37 30.6
NVAR	comp-Z, 3.1nm, 0.6s, baz=298, slow=2.5, SNR=30	NVAR		PKP	PKP	09 37 39.0 +0.3
NVAR	comp-Z, 1.4nm, 0.7s, baz=286, slow=7.9, SNR=4.5	NVAR		SKPbc	SKPbc	09 39 54.9 +4.1
NVAR	comp-Z, 3.7nm, 0.8s, baz=271, slow=5.0, SNR=8.1	NVAR		SKP	SKP	09 40 59.3 +2.0
MTUM	comp-Z, 2.2nm, 0.7s, baz=272, slow=4.2, SNR=5.5	Tungsten Hills	130.51 45	ePKP	PKP	09 37 40.3 +1.8
PKM	comp-Z, 3.5nm, 0.5s, baz=360, slow=2.5, SNR=1.3	Peak Mountain	130.68 49	P	PKP	09 37 41.0 +2.1
QLMT	comp-Z, 2um, 20.0s	Earthquake Lak	130.79 33	ePKP	PKP	09 37 40.8 +2.0
VES	comp-Z, 2um, 20.0s	Vestal, Richgr	130.82 47	P	PKP	09 37 39.9 +1.1
ELK	comp-Z, 3.0nm, 0.9s, baz=229, slow=1.0, SNR=4.3	Elko	131.01 40	SKPbc	SKPbc	09 41 01.4 +0.9
ELK	comp-Z, 4.5nm, 0.9s, baz=38, slow=2.5, SNR=6.4	Elk		SKP	SKP	09 41 15.6
SCHO	comp-Z, 3.5nm, 0.5s, baz=360, slow=2.5, SNR=1.3	Schefferville	131.09 353	PKP	PKP	09 37 39.6 +0.8
SCHO	comp-Z, 3.5nm, 0.5s, baz=360, slow=2.5, SNR=1.3	Schefferville	131.09 353	ePKP	PKP	09 37 39.6 +0.8
YMR	comp-Z, 2um, 20.0s	Madison River	131.15 33	PFAKE	LR	09 37 50.0 +10
YNR	comp-Z, 800nm, 19.0s	Norris Junctio	131.27 33	PFAKE	LR	09 37 50.0 +10
ARVC	comp-Z, 600nm, 20.0s	Arva	131.32 48	P	PKP	09 37 42.1 +2.2
ISA	comp-Z, 500nm, 20.0s	Isabella	131.34 47	ePKIKP	PKP	09 37 41.5 +1.5
ISA	comp-Z, 500nm, 20.0s	Isabella	131.34 47	P	PKP	09 37 41.1 +1.1
ISA	comp-Z, 500nm, 20.0s	Isabella	131.34 47	ePKP	PKP	09 37 41.5 +1.5
YFT	comp-Z, 900nm, 21.0s	Old Faithful	131.36 33	PFAKE	LR	09 37 50.0 +10
LKWY	comp-Z, 1um, 20.0s	Lake	131.52 33	PFAKE	LR	09 37 50.0 +10
H17A	comp-Z, 1um, 20.0s	Grant Village	131.54 33	PFAKE	LR	09 37 50.0 +10
OSI	comp-Z, 1um, 20.0s	Osito Adit	131.62 48	PFAKE	LR	09 37 50.0 +10
RLMT	comp-Z, 800nm, 21.0s	Red Lodge	131.74 31	P	PKP	09 37 42.1 +1.5

A25A	comp-Z, 800nm, 20.0s	Svangstu Ranch	131.74 24	P	PKP	09 37 41.7 +1.5
MOOV	comp-Z, 600nm, 20.0s	Moose Ponds	131.87 34	ePKP	PKP	09 37 43.1 +2.2
MPMC	comp-Z, 600nm, 20.0s	Manual Prospec				

C33A	Trail	135.40	19	P	PKPdf	09 37 47.3 +0.2
H27A	Hoves	135.57	27	P	PKPdf	09 37 47.5 -0.1
O20A	White River Ci	135.63	36	P	PKPdf	09 37 48.7 +0.7
O20A	White River Ci	135.63	36	P	ePKPdf	09 37 49.2 +1.2
I26A	New Underwood	135.68	28	P	PKPdf	09 37 47.8 -0.1
G28A	Parade	135.73	25	P	PKPdf	09 37 48.2 +0.3
C34A	RKJ Ranch, Bem	135.77	18	P	PKPdf	09 37 47.9 +0.1
D33A	AnnSam, Waubunt	135.92	19	P	PKPdf	09 37 49.0 +0.9
C35A	Jirik Farms, M	136.01	17	P	PKPdf	09 37 48.8 +0.5
I27A	Quinn	136.03	27	P	PKPdf	09 37 48.9 +0.4
PHWY	Pilot Hill	136.40	33	ePKPpre	PKPpre	09 37 42.2
G30A	Faulkton	136.42	24	P	PKPdf	09 37 49.3 +0.1
E33A	Westby DABS, E	136.42	20	P	PKPdf	09 37 48.5 -0.6
WUAZ	Wupatki	136.43	43	ePKPdf	LR	09 37 51.6 +1.9
I28A	Midland	136.48	26	P	PKPdf	09 37 48.9 -0.3
D35A	Remer	136.54	18	P	PKPdf	09 37 49.0 -0.3
E34A	Wadena	136.69	19	P	PKPdf	09 37 49.9 +0.3
D36A	Goodland	136.72	17	P	PKPdf	09 37 49.3 -0.3
F33A	5 Mile Ranch,	136.90	21	P	PKPdf	09 37 50.4 +0.4
J28A	Allard Ranch,	136.90	27	P	PKPdf	09 37 49.7 -0.5
I30A	Oacoma	137.30	25	P	PKPdf	09 37 50.7 -0.1
MVCO	Mesa Verde	137.33	39	ePKPdf	PKPdf	09 37 53.2 +1.9
G33A	Ortonville	137.40	21	P	PKPdf	09 37 51.1 +0.2
F35A	Swanville	137.47	19	P	PKPdf	09 37 51.6 +0.6
H32A	Carlson Farm,	137.61	23	P	PKPdf	09 37 51.3 -0.1
G34A	Benson	137.61	24	P	PKPdf	09 37 51.3 -0.1
W18A	Petrified Fore	137.76	43	PFAKE	LR	09 38 00.0 +7.9
F36A	Milaca	137.80	18	P	PKPdf	09 37 51.7 +0.1
S22A	4UR Ranch, Cre	138.02	37	P	PKPdf	09 37 53.8 +1.1
S22A	4UR Ranch, Cre	138.02	37	ePKPdf	LR	09 37 55.9 +3.2
RCBR	Riachuelo	138.20	254	PFAKE	LR	09 38 10.0 +1.7
I33A	Coleman	138.24	23	P	PKPdf	09 37 52.8 +0.2
H35A	Sunnyside Ranc	138.40	20	P	PKPdf	09 37 53.0 +0.2
TUC	Tucson	138.55	47	ePKIKP	MLR	09 37 50.9 -2.6
TUC	Tucson	138.55	47	ePKPdf	LR	09 37 50.9 -2.6
ECSD	EROS Data Cent	138.58	23	P	PKPdf	09 37 53.3 +0.1
ECSD	EROS Data Cent	138.58	23	ePKPpre	PKPpre	09 37 45.8
SPMN	St. Paul	138.59	18	PFAKE	LR	09 38 10.0 +1.7
I34A	Hadley	138.60	22	P	PKPdf	09 37 55.0 +1.8
K31A	O'Neill	138.63	26	P	PKPdf	09 37 52.9 -0.4
LMQ	La Malbaie	138.66	354	PFAKE	LR	09 38 10.0 +1.7
H36A	Jessenland, He	138.81	20	P	PKPdf	09 37 54.1 +0.6
SDCO	Great Sand Dun	138.81	36	ePKPdf	LR	09 37 55.2 +1.1
K32A	Verdigre	138.93	25	P	PKPdf	09 37 54.0 +0.2
H37A	Dierke Farm, C	139.13	19	P	PKPdf	09 37 53.3 -0.8
O28A	Krutsinger Ran	139.17	31	P	PKPdf	09 37 52.9 -1.5
K30A	Kaye Shedlock	139.55	33	PFAKE	LR	09 38 10.0 +1.5
M31A	Lambrecht Ranc	139.57	27	P	PKPdf	09 37 55.0 -0.1
P28A	Saint Francis	139.59	31	P	PKPdf	09 37 55.2 -0.1
J36A	Seneca 1, Swea	139.71	21	P	PKPdf	09 37 57.5 +2.2
T25A	Trinidad	139.86	36	ePKPpre	PKPpre	09 37 51.7
BGNE	Belgrade	139.88	26	P	PKPdf	09 37 57.7 +2.1
BGNE	Belgrade	139.88	26	ePKPdf	PKPdf	09 37 52.9 -2.7
K35A	Storm Lake	139.97	22	P	PKPdf	09 37 55.6 -0.1
ANMO	Albuquerque	140.03	40	ePKIKP	pmx	09 37 56.5 +0.2
ANMO	Albuquerque	140.03	40	PFAKE	LR	09 38 10.0 +1.4
Y22D	IRIS PASSCAL I	140.25	42	PFAKE	LR	09 38 10.0 +1.3
LPM	Los Pinos Moun	140.30	41	ePKPdf	PKPdf	09 37 59.9 +3.1
BNM	Barren Site	140.40	42	ePKPdf	PKPdf	09 37 58.6 +1.6
R28A	Tribune	140.47	33	P	PKPdf	09 37 57.5 +0.6
Q29A	Oakley	140.50	31	P	PKPpre	09 37 54.0
Q32A	Brockman Farm,	140.75	27	P	PKPpre	09 37 51.9
P31A	Stockton	140.82	29	P	PKPpre	09 37 51.5
G30A	Quinter	140.82	30	P	PKPpre	09 37 51.8
S28A	Manter	140.97	33	P	PKPpre	09 37 52.5
EMMW	East Machias	141.06	350	PFAKE	LR	09 38 10.0 +1.2
P32A	Hutting Farm,	141.18	28	P	PKPpre	09 37 53.1
CBKS	Cedar Bluff	141.19	30	PFAKE	LR	09 38 10.0 +1.2
O33A	Hebron	141.21	27	P	PKPpre	09 37 53.3
S29A	Ulysses	141.37	33	P	PKPpre	09 37 53.6
N35A	Tabor	141.39	24	P	PKPpre	09 37 52.8
PLVO	Plevna	141.44	1	PFAKE	LR	09 38 10.0 +1.2
O34A	Beatrice	141.52	26	P	PKPpre	09 37 53.7
M37A	Trindle Farm,	141.55	22	P	PKPpre	09 37 53.8
CFAA	Coronel Fontan	141.55	191	ePKIKP	PKPpre	09 37 53.1
SADO	Sadowa	141.62	4	PFAKE	LR	09 38 10.0 +1.1
Q32A	Mettler Ranch,	141.63	29	P	PKPpre	09 37 54.1
P33A	Williams Farm,	141.68	28	P	PKPpre	09 37 54.0
R31A	Burdett	141.70	30	P	PKPpre	09 37 53.5

N36A	Muff Farm, Cla	141.71	23	P	PKPpre	09 37 53.8
S30A	Montezuma	141.71	32	P	PKPpre	09 37 53.2
O35A	Humboldt	141.78	25	P	PKPpre	09 37 53.7
M38A	Pleasantville	141.85	21	P	PKPpre	09 37 54.0
Q33A	Connelly Farm,	141.97	28	P	PKPpre	09 37 54.3
P34A	Walnut Farm, R	141.98	27	P	PKPpre	09 37 54.3
R32A	Long Quarter,	142.00	30	P	PKPpre	09 37 55.4
N37A	Lee Faris, Mou	142.05	23	P	PKPpre	09 37 54.3
S31A	Mullinville	142.23	31	P	PKPpre	09 37 55.5
P35A	Duane Minner,	142.35	26	P	PKPpre	09 37 56.7
N38A	Joess South For	142.38	22	P	PKPpre	09 37 55.7
U30A	WK&E Inc. Balk	142.43	33	P	PKPpre	09 37 57.0
Q34A	Chapman	142.44	27	P	PKPpre	09 37 56.5
KSU1	Kansas State U	142.44	27	P	PKPpre	09 37 56.3
R33A	Olander Ranch,	142.44	29	P	PKPpre	09 37 55.6
S32A	Newby Ranch, P	142.45	30	P	PKPpre	09 37 56.2
T31A	Randall Ranch,	142.53	32	P	PKPpre	09 37 56.1
N39A	Derby Farms, D	142.57	21	P	PKPpre	09 37 55.9
O37A	Wolven Farm, M	142.58	23	P	PKPpre	09 37 56.5
P36A	Good Intent, A	142.62	25	P	PKPpre	09 37 56.0
HNH	Hanover	142.64	356	PFAKE	LR	09 38 10.0 +1.0
HNH	Hanover	142.64	356	PFAKE	LR	09 38 10.0 +1.0
MNTX	Cornudas Mount	142.71	44	P	PKPpre	09 37 57.7
R34A	Isabel Hill	142.80	28	P	PKPpre	09 37 57.0
CPUP	Villa Florida	142.82	208	ePKIKP	PKPpre	09 37 58.7
T32A	Huerter Ranch,	142.85	31	P	PKPpre	09 37 57.6
O38A	Galt	142.88	22	P	PKPpre	09 37 57.3
Q35A	Mercer Eighty,	142.90	26	P	PKPpre	09 37 57.5
U31A	Nine Bar Ranch	142.98	33	P	PKPpre	09 37 58.4
MSTX	Muleshoe	142.98	38	P	PKPpre	09 37 58.6
P37A	Lathrop	143.00	24	P	PKPpre	09 37 57.4
S33A	Kaszmaul Farm,	143.00	30	P	PKPpre	09 37 57.9
AMTX	Amorillo	143.02	36	P	PKPbc	09 37 58.4 +0.1
AMTX	Amarillo	143.02	36	ePKPdf	PKPbc	09 37 59.9 +1.5
Q36A	Arnold C. Orve	143.06	26	P	PKPab	09 37 57.0 +0.3
R35A	Emporia Munci	143.26	27	P	PKPbc	09 37 58.6 -0.2
T33A	Patterson Ranc	143.28	30	P	PKPbc	09 37 59.3 +0.4
P38A	Dawn	143.29	23	P	PKPbc	09 37 58.7 -0.1
S34A	Willow Spring	143.34	29	P	PKPbc	09 37 58.9 -0.1
U32A	Winter Ranch,	143.43	32	P	PKPbc	09 37 59.0 -0.3
V31A	Spring Creek L	143.43	33	P	PKPbc	09 37 59.0 -0.4
AAM	Ann Arbor	143.55	10	PFAKE	LR	09 38 10.0 +7.9
Q37A	Longview Farm,	143.56	25	P	PKPab	09 37 58.3 -0.4
R36A	Gordon, Harris	143.57	26	P	PKPab	09 37 58.8 0.0
P39A	Salisbury	143.70	22	P	PKPab	09 37 59.5 +0.3
S35A	Otter Creek Ra	143.73	28	P	PKPbc	09 37 59.9 -0.3
X30A	Coker Ranch, T	143.80	36	P	PKPbc	09 38 00.4 -0.1
W31A	Holland Ranch,	143.80	34	P	PKPbc	09 38 01.0 +0.5
Q38A	Cooks Store, C	143.83	24	P	PKPab	09 37 59.6 0.0
U33A	Lingo Farm, Me	143.84	31	P	PKPbc	09 38 00.4 -0.1
T34A	McCloskey Farm	143.85	29	P	PKPab	09 38 00.1 +0.3
R37A	Teagarden Farm	143.88	26	P	PKPab	09 37 59.6 -0.3
V32A	Arapahoe	143.90	33	P	PKPbc	09 38 01.3 +0.5
HDIL	Hopedale	143.91	17	P	PKPab	09 37 59.7 -0.2
Q39A	Willow Grove F	144.00	23	P	PKPab	09 38 00.3 0.0
S36A	Lake Cedric, C	144.03	27	P	PKPab	09 38 00.4 -0.1
U34A	Anderson Ranch	144.13	30	P	PKPbc	09 38 01.4 0.0
U34A	Anderson Ranch	144.13	30	ePKPdf	LR	09 38 01.6 +0.2
X31A	McDonald Ranch	144.18	35	P	PKPbc	09 38 01.9 +0.2
Y30A	Stafford Cattl	144.18	37	P	PKPbc	09 38 02.4 +0.6
V33A	Lossen Ranch,	144.22	32	P	PKPbc	09 38 01.8 +0.1
W32A	Genebel	144.23	34	P	PKPbc	09 38 01.9 +0.1
T35A	Sooner Cattle	144.26	29	P	PKPab	09 38 01.6 +0.2
S37A	Fort Scott	144.34	26	P	PKPab	09 38 01.4 -0.3
R38A	Fenwick Farm,	144.37	25	P	PKPab	09 38 00.9 -0.9
Q40A	Laux Farm, Aux	144.39	22	P	PKPab	09 38 01.6 -0.2
T36A	Boggs Farm, Ca	144.44	28	P	PKPbc	09 38 02.3 0.0
Z30A	Sanderson Ranc	144.45	38	P	PKPbc	09 38 02.7 +0.1
Y31A	Rekieta Farm,	144.50	36	P	PKPbc	09 38 02.7 0.0
U35A	Pawnee	144.59	30	P	PKPbc	09 38 02.8 0.0
V34A	Guthrie	144.61	31	P	PKPbc	09 38 03.2 +0.2
V34A	Guthrie	144.61	31	PFAKE	LR	09 38 20.0 +1.6
R39A	Chumby, Stover	144.61	23	P	PKPab	09 38 02.2 -0.4
W33A	Caddo, Fort Co	144.63	33	P	PKPbc	09 38 03.5 +0.5
S38A	Scholar Farm	144.67	15	P	PKPbc	09 38 03.0 0.0
BDFB	Brasilia	144.72	231	PKP	PKPbc	09 38 04.5 +

Table with columns: MIAR, Mount Ida, 147.57, 28, P, PKPbc, 09 38 12.0 +0.1, etc. Lists various stations and their coordinates.

Table with columns: PMG, 14nm, 0.3s, baz=60, slow=3.3, SNR=27, Sn, 09 22 02.8 -1.6, etc. Lists stations like WRA, DZM, STKA, ILAR, NVAR, TORD, etc.

Table with columns: KHAL, Karahalli, 1.57, 171, i, S, Sg, 09 38 46.9 +0.1, etc. Lists stations like SVRH, SIVRHS, NEIC, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, h, m, s, ISC, Time, Res. Includes PMG Port Moresby.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, h, m, s, ISC, Time, Res. Includes CBIJ Chichi jima, JIHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, h, m, s, ISC, Time, Res. Includes UALR University of, MIAR Mount Ida, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BART Pico Bartolome, PSMA Santa Maria, PSMN Pico do Norte, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like Z31A Sharp Cattle R, X30A Coker Ranch, 433A Art, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like EKS2 Erkin-Say, EKS2 Erkin-Say, KRAR Krasnoyarsk, etc.

ISC/JB 13 09:45:13.3z, 41.60N, 0.05E, 142.67E, 0.07, h13km, 11km, mb3.5/3, Error ellipse: s-maj=11.0km, s-min=4.9km, az=43.3

JMA 13 09:45:14.0z, 0.1, 41.59N, 0.14E, 142.77E, h36km, 3km, M3.4, IDC 13 09:45:21.3z, 1.2, 42.43N, 141.05E, h0km, mb3.5/3, mb1 3.5/5, mb1mx3.3/56, mbtmp3.4/5, ML2.6/1, Error ellipse: s-maj=42.2km, s-min=20.5km, az=109.0

ISC 13 09:45:14.0z, 0.1, 41.59N, 0.06E, 142.77E, 0.06, h26km, 13km, n18, o196/20, mb3.7/3, 1C-2D, Hokkaido region

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, Time, Res. Includes stations like JEM Erimo, JEM Urakawa-nobuka, JNB Churui, etc.

ISC/JB 13 09:55:18.5z, 0.8, 50.23N, 0.0E, 119.11E, 0.04, h0km, Error ellipse: s-maj=9.4km, s-min=3.3km, az=5.3

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, Time, Res. Includes stations like PRU 13 09:55:19.7z, 0.5, 12N, 19.15E, h0km, CSEM 13 09:55:19.4z, 0.3, 50.24N, 19.14E, h27km, ML2.6/4, Error ellipse: s-maj=10.9km, s-min=3.5km, az=5.0

TEIG	TEPICH	25.48	335	P	P	13 10 50.3	+0.5
CFAA	CORONEL FONTAN	29.72	164	P	P	13 11 29.3	+1.7
CFAA	0.9nm,0.5s,baz=329,slow=9.2,SNR=9.5			PcP		13 14 30.1	+0.7
CPUP	VILLA FLORIDA	30.06	142	P	P	13 11 31.1	+0.4
CPUP	1.1nm,0.7s,baz=343,slow=10,SNR=4.8			PcP		13 14 30.8	+0.4
BDFB	BRASILIA	31.39	116	P	P	13 11 44.1	+1.4
BDFB	2.4nm,0.4s,baz=281,slow=11,SNR=5.4			PcP		13 14 35.5	+1.2
TIGA	TIFTON	34.75	350	P	P	13 12 12.9	+1.3
035Z	HARGILL	35.53	327	P	P	13 12 19.1	+0.8
738A	FARR-STEVENS R	36.24	332	P	P	13 12 26.9	+2.6
034A	HEBBRONVILLE	36.34	327	P	P	13 12 26.7	+1.4
934A	BENAVIDES	36.67	327	P	P	13 12 29.7	+1.6
637A	EAGLE LAKE	37.06	332	P	P	13 12 32.2	+0.9
933A	LAREDO	37.10	326	P	P	13 12 33.3	+1.7
834A	TILDEN	37.11	328	P	P	13 12 32.1	+0.4
537A	GREEN HILL FAR	37.59	332	P	P	13 12 36.7	+0.9
734A	LA PARITA CREEK	37.69	329	P	P	13 12 37.8	+1.2
833A	CHAPARRAL WMA	37.72	327	P	P	13 12 38.1	+1.2
438A	SAM HOUSTON STA	37.78	334	P	P	13 12 39.7	+2.3
733A	DIVOT KING RAN	37.97	328	P	P	13 12 40.5	+1.5
832A	FAITH RANCH, C	38.01	326	P	P	13 12 40.5	+1.2
634A	CHINA GROVE, S	38.01	329	P	P	13 12 40.1	+0.8
PLCA	PASO FLORES	38.07	172	P	P	13 12 41.0	+1.2
PLCA	10nm,0.9s,baz=6.1,slow=9.6,SNR=17			PcP		13 14 54.1	+1.0
KMSC	KINGS MOUNTAIN	38.11	355	P	P	13 12 41.1	+1.1
338A	CROCKETT	38.23	335	P	P	13 12 42.0	+0.9
732A	LAXSON RANCH,	38.35	327	P	P	13 12 42.9	+0.7
436A	WALL RANCH, GA	38.40	332	P	P	13 12 43.3	+0.8
337A	CENTERVILLE	38.45	334	P	P	13 12 43.7	+0.7
239A	GARY	38.46	336	P	P	13 12 43.5	+0.4
633A	SAATHOFF RANCH	38.50	328	P	P	13 12 44.1	+0.6
534A	BLANCO	38.60	330	P	P	13 12 44.6	+0.3
632A	UVALDE	38.86	328	P	P	13 12 47.5	+1.0
533A	KERRVILLE	38.92	329	P	P	13 12 47.0	0.0
335A	MOODY	39.12	332	P	P	13 12 49.1	+0.5
434A	BURNET	39.14	331	P	P	13 12 49.1	+0.3
631A	PERDIDO CREEK	39.21	327	P	P	13 12 50.3	+0.9
138A	MATATALL ENTER	39.27	336	P	P	13 12 50.0	+0.2
532A	ROCKSPRINGS	39.41	328	P	P	13 12 52.4	+1.2
433A	ART	39.49	330	P	P	13 12 52.2	+0.4
334A	LOMEI	39.55	331	P	P	13 12 52.4	+0.2
JCT	JUNCTION CITY	39.64	329	eP	P	13 12 53.7	+0.7
WHTX	LAKE WHITNEY	39.73	333	P	P	13 12 54.0	+0.3
Z38A	Mt. Pleasant	39.75	336	P	P	13 12 53.9	+0.2
531A	ROCKSPRINGS	39.78	328	P	P	13 12 55.4	+1.2
333A	RICHLAND SPRIN	39.91	330	P	P	13 12 55.4	+0.2
432A	MENARD	39.95	329	P	P	13 12 55.8	+0.3
234A	CLAIRETTE	40.05	332	P	P	13 12 56.9	+0.5
UALR	UNIVERSITY OF	40.15	341	eP	P	13 12 55.6	-1.4
530A	J-C RANCH, COM	40.20	327	P	P	13 12 58.6	+1.0
431A	SONORA	40.22	328	P	P	13 12 58.7	+0.9
332A	MILLERSVIEW	40.33	330	P	P	13 12 59.3	+0.6
MIAR	MOUNT IDA	40.36	339	P	P	13 12 58.5	-0.4
233A	RISEING STAR	40.43	331	P	P	13 12 59.9	+0.4
134A	WHITE-MOORE RA	40.50	332	P	P	13 13 00.2	+0.2
331A	SAN ANGELO	40.62	329	P	P	13 13 01.6	+0.5
Y37A	HUGO	40.64	336	P	P	13 13 01.4	+0.3
232A	COLEMAN	40.69	330	P	P	13 13 02.0	+0.3
Z35A	PERCHAVEN, SAN	40.77	334	P	P	13 13 02.6	+0.4
TXAR	LAJITAS ARRAY	40.91	324	P	P	13 13 04.5	+0.9
TXAR	1.6nm,0.7s,baz=150,slow=8.1,SNR=23			pP		13 13 25.4	-1.4
TXAR	0.7nm,0.5s,baz=138,slow=7.1,SNR=3.0			PcP		13 15 03.1	+0.7
TXAR	1.9nm,0.7s,baz=146,slow=5.5,SNR=14			PcP		13 15 32.9	
133A	HAMILTON RANCH	40.92	332	P	P	13 13 04.4	+0.9
X38A	WHITESBORO	40.94	338	P	P	13 13 03.8	+0.2
231A	BRONTE	41.06	329	P	P	13 13 04.8	+0.1
X37A	CLAYTON	41.08	337	P	P	13 13 05.0	+0.3
330A	MERTZON	41.09	328	P	P	13 13 05.0	0.0
Z34A	COLLIER RANCH,	41.10	333	P	P	13 13 05.4	+0.5
Y35A	MARIETTA	41.16	335	P	P	13 13 06.1	+0.7
W38A	POTEAU	41.18	338	P	P	13 13 06.0	+0.5
ABTX	ABILENE, HAWLE	41.29	331	P	P	13 13 07.1	+0.6
ABTX	ABILENE, HAWLE	41.29	331	eP	P	13 13 07.1	+0.6
Z33A	WHITAKER RANCH	41.41	332	P	P	13 13 08.2	+0.7
Z30A	STERLING CITY	41.44	329	P	P	13 13 08.2	+0.4
X36A	CENTRAHOMA	41.45	336	P	P	13 13 07.7	0.0
Y34A	REAGAN RANCH,	41.52	334	P	P	13 13 08.6	+0.3
X35A	DRAKE	41.56	335	P	P	13 13 08.7	0.0
131A	ROBY	41.69	330	P	P	13 13 10.5	+0.6
Z32A	HASKELL	41.77	332	P	P	13 13 11.1	+0.7
Y38A	CANEHILL	41.84	339	P	P	13 13 10.7	-0.2
W36A	WETUMKA	41.89	336	P	P	13 13 11.2	-0.2
130A	SNYDER	41.92	329	P	P	13 13 11.9	+0.2

Y33A	HILLTOP RANCH,	41.95	333	P	P	13 13 12.4	+0.5
SIUC	SOUTHERN ILLIN	41.98	346	eP	P	13 13 10.5	-1.5
Z31A	SHARP CATTLE R	42.09	331	P	P	13 13 13.9	+0.8
X34A	SMITH RANCH, M	42.10	334	P	P	13 13 14.5	+1.4
V37A	HULBERT	42.13	338	P	P	13 13 13.2	-0.1
W35A	TEONSEH	42.17	336	P	P	13 13 13.2	-0.4
Y32A	R-V FARMS, VER	42.32	332	P	P	13 13 15.7	+0.8
X33A	LAUREN	42.34	334	P	P	13 13 15.3	+0.3
V36A	JENKS	42.35	337	P	P	13 13 15.2	+0.1
U38A	GRAVETTE	42.35	339	P	P	13 13 14.4	-0.7
TUL1	TULSA	42.40	337	P	P	13 13 15.4	-0.1
Z30A	SANDERSON RANC	42.55	330	P	P	13 13 17.7	+0.8
U37A	SALINA	42.58	339	P	P	13 13 17.0	0.0
X32A	ELMER	42.59	333	P	P	13 13 17.7	+0.6
W34A	BRIDGE CREEK,	42.61	335	P	P	13 13 17.3	0.0
WMOK	WICHITA MOUNTA	42.63	333	eP	P	13 13 17.3	-0.1
Y31A	REKLETS FARM,	42.67	331	P	P	13 13 18.6	+0.8
V35A	MEYER RANCH, C	42.68	336	P	P	13 13 17.4	-0.4
U36A	OLOGHAN	42.80	338	P	P	13 13 18.4	-0.3
W33A	CADDO, FORT CO	42.84	334	P	P	13 13 19.5	+0.4
Y30A	STAFFORD CATTI	42.91	331	P	P	13 13 20.5	+0.7
V34A	GUTHRIE	43.02	336	P	P	13 13 20.0	-0.2
V34A	GUTHRIE	43.02	336	eP	P	13 13 20.0	-0.5
X31A	MCDONALD RANCH	43.09	332	P	P	13 13 21.7	+0.6
T37A	CHENEYVILLE 18	43.15	339	P	P	13 13 21.2	-0.3
W32A	SENTINEL	43.16	333	P	P	13 13 22.1	+0.4
U35A	PAWNEE	43.17	337	P	P	13 13 21.8	+0.1
V33A	LOSSEN RANCH,	43.33	335	P	P	13 13 23.0	-0.1
X30A	COCKER RANCH, T	43.36	331	P	P	13 13 23.8	+0.4
T36A	BOGGS FARM, CA	43.45	338	P	P	13 13 23.7	-0.2
W31A	HOLLAND RANCH,	43.53	333	P	P	13 13 25.0	+0.3
U34A	ANDERSON RANCH	43.55	336	eP	P	13 13 24.7	0.0
U34A	ANDERSON RANCH	43.55	336	eP	P	13 13 24.7	0.0
T35A	SOONER CATTLE	43.56	337	P	P	13 13 25.3	+0.5
V32A	ARAPAHO	43.57	334	P	P	13 13 25.6	+0.6
R39A	CHUMBY, STOVER	43.61	342	P	P	13 13 24.2	-1.0
MNXX	CORNUDAS MOUNT	43.65	324	P	P	13 13 26.0	+0.4
MNXX	CORNUDAS MOUNT	43.65	324	eP	P	13 13 25.3	-0.3
S37A	FORT SCOTT	43.69	340	P	P	13 13 25.3	-0.5
U33A	LINGO FARM, ME	43.78	335	P	P	13 13 26.5	-0.2
CPRX	CAP ROCK	43.79	327	eP	P	13 13 28.3	+1.4
W30A	CREWET FARMS	43.82	332	P	P	13 13 27.6	+0.5
T34A	MCCLASKEY FARM	43.91	337	P	P	13 13 27.6	-0.1
S36A	LAKE CEDRIC, C	43.93	339	P	P	13 13 27.4	-0.4
MSTX	MULESHOE	43.93	329	P	P	13 13 28.4	+0.4
MSTX	MULESHOE	43.93	329	eP	P	13 13 27.9	-0.1
V31A	SPRING CREEK L	43.97	333	P	P	13 13 29.4	+1.2
AMTX	AMARILLO	44.11	331	P	P	13 13 29.8	+0.5
AMTX	AMARILLO	44.11	331	eP	P	13 13 29.3	-0.1
U32A	WINTER RANCH,	44.11	335	P	P	13 13 29.7	+0.4
S35A	OTTER CREEK RA	44.16	338	P	P	13 13 29.7	+0.1
R37A	TEAGARDEN FARM	44.19	340	P	P	13 13 28.7	-1.1
Q39A	WILLOW GROVE F	44.26	342	P	P	13 13 29.4	-0.9
Q38A	COOKS STORE, C	44.38	342	P	P	13 13 30.8	-0.6
T33A	PATTERSON RANC	44.39	336	P	P	13 13 31.5	0.0
R36A	GORDON, HARRIS	44.43	339	P	P	13 13 31.0	-0.8
S34A	WILLOW SPRING	44.48	337	P	P	13 13 31.7	-0.5
P39A	SALISBURY	44.60	343	P	P	13 13 31.9	-0.2
R35A	EMPORIA MUNICI	44.68	339	P	P	13 13 32.6	-1.2
HDIL	HOPEDALE	44.70	347	P	P	13 13 32.2	-1.7
T32A	HUDDLER RANCH,	44.76	335	P	P	13 13 35.4	+0.9
P38A	DAWN	44.96	342	P	P	13 13 36.0	+0.1
U30A	WK&E INC. BALK	44.96	333	P	P	13 13 36.8	+0.7
Q36A	ARNOLD C. ORVE	44.99	340	P	P	13 13 36.1	-0.1
T31A	RANDALL RANCH,	45.01	334	P	P	13 13 36.7	+0.3
R34A	ISABELLA, HILL	45.05	338	P	P	13 13 36.6	-0.1
Q35A	MERCER EIGHTY,	45.10	339	P	P	13 13 36.4	-0.7
P37A	LATHROP	45.18	341	P	P	13 13 36.9	-0.8
S32A	NEWBY RANCH, P	45.20	336	P	P	13 13 38.7	+0.7
R33A	OLANDER RANCH,	45.34	337	P	P	13 13 39.3	+0.3
S31A	MULLIVILLE	45.36	335	P	P	13 13 39.8	+0.6
Q38A	GALT	45.40	342	P	P	13 13 38.9	-0.6
Q34A	CHAPMAN	45.48	338	P	P	13 13 39.6	-0.5
P36A	GOOD INTENT, A	45.49	340	P	P	13 13 39.3	-0.9
KSU1	KANSAS STATE U	45.52	339	P	P	13 13 40.0	-0.4
121A	COOKES PEAK, D	45.65	323	P	P	13 13 42.9	+1.0
P35A	DUANE MINNER,	45.69	340	P	P	13 13 41.0	-0.8
R32A	LONG QUARTER,	45.73	336	P	P	13 13 42.0	-0.1
T29A	HUGOTON	45.77	333	P	P	13 13 43.1	+0.6
S30A	MONTZUMA	45.80	334	P	P	13 13 43.2	+0.5
N39A	DERBY FARMS, D	45.82	344	P	P	13 13 41.7	-1.0
Q33A	CORNELLY FARM,	45.88	338	P	P	13 1	

13d 13h

2010 DEC

Table with columns for station name, frequency, and other parameters. Includes stations like CMAR, CHTO, DGPR, EIDS, GYA, KMI, ARMA, CAN, ENH, HNR, NJ2, CBIJ, PALK, LHI, MDRS, TRD, BOK, KSAR, and KRSR.

Table with columns for station name, frequency, and other parameters. Includes stations like KS01, WJUN, Lanzhou, MAJO, MAT, MJAR, HJB, BJT, GUN, PKI, DMN, KKN, HHC, HHC, NGP, KOLN, GTA, MSHR, CN2, POO, USKR, MDJ, WHZ, OUZ, and ASAJ.

Table with columns for station name, frequency, and other parameters. Includes stations like ASAJ, SMLA, QRTZ, Rata Peaks, RPZ, ULN, SONM, Hailar, HIA, Lake Taylor, Nonsavu, OXF, THZ, DHRM, HIZ, HBR, KLR, BHJ, YSS, BKZ, WMQ, URZ, TLY, MOY, KSH, MSEA, and MSEA.

O29A	4D Ranch, Culb baz=132	131.83	42	P	PKPdf	13 49 40.8 +0.3	L36A	Harm Buss Farm baz=134	134.56	36	P	PKPdf	13 49 45.8 +0.2	Y36A	Durant baz=138	138.05	47	P	PKPpre	13 49 42.8
E35A	Pequot Lakes baz=132	131.84	31	P	PKPdf	13 49 40.5 +0.2	T32A	Huddler Ranch, baz=134	134.57	45	P	PKPdf	13 49 46.2 +0.4	U38A	Gravette baz=138	138.06	43	P	PKPpre	13 49 41.3
F34A	Alexandria baz=132	131.89	33	P	PKPdf	13 49 40.6 +0.2	V31A	Spring Creek L, baz=134	134.59	47	P	PKPdf	13 49 47.4 +1.5	WH7X	Lake Whitney baz=138	138.06	50	P	PKPpre	13 49 43.2
N30A	Hueftle Ranch, baz=132	131.94	41	P	PKPdf	13 49 40.3 -0.5	I38A	Scanlan Farm, baz=134	134.61	33	P	PKPdf	13 49 45.3 -0.2	534A	Blanco baz=138	138.09	54	P	PKPpre	13 49 43.0
MNTX	Cornudas Mount baz=132	131.95	54	P	PKPdf	13 49 42.0 +1.1	R30A	Olander Ranch, baz=134	134.63	43	P	PKPdf	13 49 46.9 +1.1	R40A	Maddies Statio baz=138	138.35	39	P	PKPpre	13 49 42.5
MNTX	Cornudas Mount baz=132	131.95	54	ePKPdf eSKPbpc	PKPdf	13 49 41.8 +0.9 13 52 49.0 +0.1 13 49 41.7 +0.8	Y30A	Stafford Cattl baz=135	134.64	50	P	PKPdf	13 49 47.0 +1.0	V38A	Canehill baz=138	138.36	43	P	PKPpre	13 49 42.5
L31A	Butterfield Fa baz=132	132.00	39	P	PKPdf	13 49 41.0 +0.2	Z30A	Sanderson Ranc baz=139	134.71	51	P	PKPdf	13 49 46.4 +0.2	X38A	Whitesboro baz=138	138.70	45	P	PKPpre	13 49 45.6
R28A	Tribune baz=132	132.00	45	P	PKPdf	13 49 42.1 +1.1	P34A	Walnut Farm, R baz=135	134.73	40	P	PKPdf	13 49 46.0 +0.1	W38A	Poteau baz=139	138.71	45	P	PKPpre	13 49 45.4
I33A	Coleman baz=132	132.13	35	P	PKPdf	13 49 41.5 +0.6	K37A	Belmond baz=135	134.73	35	P	PKPdf	13 49 45.6 -0.2	034A	Hebronnville baz=139	139.01	58	P	PKPpre	13 49 48.4
C37A	Embarrass baz=132	132.14	29	P	PKPdf	13 49 41.0 +0.2	W31A	Holland Ranch, baz=135	134.78	48	P	PKPdf	13 49 47.1 +0.9	CCM	Cathedral Cave baz=138	139.13	38	ePKHKP	PKPpre	13 49 44.3
F35A	Swanville baz=132	132.22	32	P	PKPdf	13 49 41.4 +0.4	M36A	Felix, Anita baz=135	134.87	37	P	PKPdf	13 49 45.9 -0.3	CCM	Cathedral Cave baz=138	139.13	38	ePKHKP	PKPpre	13 49 44.3
K32A	Verdigre baz=132	132.26	38	P	PKPdf	13 49 41.2 0.0	U32A	Winter Ranch, baz=135	134.90	46	P	PKPdf	13 49 47.3 +1.0	835A	Beeville baz=139	139.28	56	P	PKPpre	13 49 48.5
S28A	Manter baz=132	132.29	46	P	PKPdf	13 49 42.3 +0.8	Q34A	Chapman baz=135	135.00	41	P	PKPdf	13 49 47.7 +1.2	636A	Smother's Creek baz=139	139.44	54	P	PKPpre	13 49 49.0
Q29A	Oakley baz=132	132.31	44	P	PKPdf	13 49 42.4 +0.9	X31A	McDonald Ranch baz=135	135.00	48	P	PKPdf	13 49 47.6 +1.0	MIAR	Mount Ida baz=140	139.64	45	ePKIKP	PKPdf	13 49 55.7 +0.6
H34A	Spellman Lake, baz=132	132.33	34	P	PKPdf	13 49 41.9 +0.7	J38A	Wedel Dairy, R baz=135	135.02	33	P	PKPdf	13 49 46.6 +0.2	MIAR	Mount Ida baz=140	139.64	45	ePKIKP	PKPdf	13 49 55.7 +0.6
M31A	Lambrecht Ranc baz=132	132.37	40	P	PKPdf	13 49 41.4 -0.1	T33A	Patterson Ranc baz=135	135.09	44	P	PKPdf	13 49 48.0 +1.3	MIAR	Mount Ida baz=140	139.64	45	ePKIKP	PKPdf	13 49 55.7 +0.6
D37A	Cotton baz=132	132.43	30	P	PKPdf	13 49 41.8 +0.4	Y31A	Rekieta Farm, baz=135	135.09	49	P	PKPdf	13 49 47.7 +0.9	LMQ	La Malbaie baz=138	139.82	11	ePKHKP	PKPpre	13 49 47.3
ECSD	EROS Data Cent baz=132	132.43	36	P	PKPdf	13 49 41.7 +0.2	L30A	Snyder baz=135	135.12	51	P	PKPdf	13 49 48.1 +1.2	383A	Crockett baz=140	139.98	50	P	PKPpre	13 49 49.8
ECSD	EROS Data Cent baz=132	132.43	36	ePKPdf	PKPdf	13 49 41.3 -0.2	KSU1	Kansas State U baz=135	135.12	41	P	PKPdf	13 49 47.3 +0.6	UALR	University of OLIL	140.36	43	ePKHKP	PKPpre	13 49 50.2
R29A	Marienthal baz=132	132.43	44	P	PKPdf	13 49 42.6 +0.9	KSU1	Kansas State U baz=135	135.12	41	ePKPdf	PKPdf	13 49 47.3 +0.6	OLIL	Olney baz=138	140.35	35	ePKHKP	PKPpre	13 49 49.8
P30A	Selden baz=132	132.49	42	P	PKPdf	13 49 42.3 +0.6	R34A	Isabella, Hill baz=132	135.13	42	P	PKPdf	13 49 47.3 +0.6	SIO	Southern Illin baz=138	140.58	37	ePKHKP	PKPpre	13 49 51.4
L32A	Elgin baz=132	132.61	38	P	PKPdf	13 49 42.4 +0.5	N36A	Muff Farm, Cla baz=135	135.16	38	P	PKPdf	13 49 47.7 +0.1	BLO	Bloomington baz=138	141.12	33	ePKHKP	PKPpre	13 49 52.1
N31A	Batley Ranch, baz=132	132.67	40	P	PKPdf	13 49 42.0 -0.1	V32A	Arapaho baz=135	135.19	46	P	PKPdf	13 49 47.8 +0.9	GNAR	Gosnell baz=138	141.19	40	ePKHKP	PKPdf	13 49 58.5 +0.6
I34A	Hadley baz=132	132.67	35	P	PKPdf	13 49 42.4 +0.5	P35A	Duane Minner, baz=135	135.26	40	P	PKPdf	13 49 47.3 +0.3	USIN	University of LONY	141.32	36	ePKHKP	PKPpre	13 49 55.4
G35A	Watkins baz=132	132.68	33	P	PKPdf	13 49 42.4 +0.5	M37A	Trindle Farm, baz=135	135.35	37	P	PKPdf	13 49 46.7 -0.4	WV	Waverly baz=138	142.45	38	ePKHKP	PKPpre	13 49 55.4
F36A	Milaca baz=133	132.76	32	P	PKPdf	13 49 42.3 +0.3	Z31A	Shed Cattle R baz=135	135.45	50	P	PKPdf	13 49 47.9 +0.4	OXF	Oxford baz=138	142.48	41	ePKHKP	PKPpre	13 49 56.3
S29A	Ulysses baz=133	132.82	45	P	PKPdf	13 49 43.4 +0.9	L38A	Oak Wood Farm, baz=135	135.52	35	P	PKPdf	13 49 47.6 +0.3	OXF	Oxford baz=138	142.48	41	ePKHKP	PKPpre	13 49 56.3
H35A	Sunnyside Ranc baz=133	132.83	34	P	PKPdf	13 49 42.7 +0.5	131A	Roby baz=135	135.53	51	P	PKPdf	13 49 47.2 -0.4	MDV	Middlebury baz=138	143.05	15	ePKHKP	PKPpre	13 49 56.4
BGNE	Belgrade baz=133	132.85	39	P	PKPdf	13 49 42.4 0.0	S34A	Willow Spring baz=135	135.54	43	P	PKPdf	13 49 47.8 +0.3	BMS	Wicksburg baz=143	143.05	45	P	PKPpre	13 49 59.1 +0.4
BGNE	Belgrade baz=133	132.85	39	ePKPdf eSKPbpc	PKPdf	13 49 42.2 -0.2 13 52 51.0 -0.8	Q36A	Bolkow baz=136	135.57	39	P	PKPdf	13 49 47.6 +0.2	KSPA	Keystone Cole baz=138	144.00	20	ePKPdf	PKPbc	13 50 01.1 +0.3
T29A	Hugoton baz=133	132.91	46	P	PKPdf	13 49 43.7 +1.0	Y32A	R-V Farms, Ver baz=136	135.68	49	P	PKPdf	13 49 47.8 -0.1	SSPA	Standing Stone baz=138	144.03	23	ePKHKP	PKPbc	13 50 01.2 0.0
G36A	St. Michael baz=133	133.06	32	P	PKPdf	13 49 43.4 +0.8	P36A	Good Intent, A baz=136	135.72	39	P	PKPdf	13 49 47.8 0.0	SWET	Seawane baz=138	144.04	26	ePKHKP	PKPbc	13 50 02.7 +1.3
P31A	Stockton baz=133	133.08	42	P	PKPdf	13 49 43.0 +0.1	S30A	J-C Ranch, Com baz=136	135.75	55	P	PKPdf	13 49 49.1 +0.9	HRV	Adam Dzewonski baz=138	144.36	14	ePKHKP	PKPbc	13 50 02.5 +0.4
J34A	George baz=133	133.08	36	P	PKPdf	13 49 42.9 +0.2	R35A	Gmria Munic baz=136	135.81	42	P	PKPdf	13 49 48.8 +0.8	HRV	Adam Dzewonski baz=138	144.36	14	ePKHKP	PKPbc	13 50 02.5 +0.4
R30A	Dighton baz=133	133.09	44	P	PKPdf	13 49 43.3 +0.4	WMOK	Wichita Mounta baz=136	135.84	47	ePKHKP	PKPpre	13 49 36.0	WES	Weston baz=138	144.53	14	ePKHKP	PKPbc	13 50 02.9 +0.2
HPIG	Stulken Farm, baz=132	133.12	61	ePKPdf	PKPdf	13 49 45.3 +1.8 13 49 43.4 +0.4	WMOK	Wichita Mounta baz=136	135.84	47	ePKHKP	PKPpre	13 49 36.0	USIN	University of LRLAL	144.88	36	ePKHKP	PKPbc	13 50 03.4 -0.4
SCHO	Schefferville comp=Z,12nm,0.7s,baz=100,slow=2.2,SNR=6.9	133.16	5	PKP	PKPdf	13 49 44.0 +1.4	Z31A	Bronte baz=136	135.88	52	P	PKPdf	13 49 48.8 +0.4	LRAL	Lakeview Retre baz=138	144.97	41	ePKHKP	PKPbc	13 50 04.0 -0.4
SCHO	Muleshoe comp=Z,30nm,0.8s,baz=37,slow=5.6,SNR=9.0	133.18	50	P	PKPdf	13 52 50.3 -1.9	U34A	Anderson Ranch baz=136	135.90	45	P	PKPdf	13 49 49.5 +1.3	PAL	Palisades baz=138	145.10	18	ePKHKP	PKPbc	13 50 04.6 0.0
MSTX	Muleshoe baz=133	133.18	50	P	PKPdf	13 49 44.0 +0.7	U34A	Anderson Ranch baz=136	135.90	45	ePKPpre	PKPpre	13 49 49.5 +1.3	PAL	Palisades baz=138	145.10	18	ePKHKP	PKPbc	13 50 04.6 0.0
MSTX	Muleshoe baz=133	133.18	50	P	PKPdf	13 49 44.0 +0.7	U34A	Anderson Ranch baz=136	135.90	45	ePKPpre	PKPpre	13 49 49.5 +1.3	TKL	Tuckaleechee C comp=Z,344nm,0.6s,baz=176,slow=1.7,SNR=4.4	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
CBKS	Cedar Bluff baz=133	133.20	43	ePKHKP	PKPdf	13 49 44.4 +1.3	Q36A	Arnold C. Orve baz=136	135.93	40	P	PKPdf	13 49 49.3 -0.6	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
CBKS	Cedar Bluff baz=133	133.20	43	P	PKPdf	13 49 43.7 +0.5	Z32A	Haskell baz=136	135.96	50	P	PKPdf	13 49 48.4 +0.2	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
CBKS	Cedar Bluff baz=133	133.20	43	ePKPdf eSKPbpc	PKPdf	13 49 44.4 +1.3 13 52 52.9 -0.1	331A	San Angelo baz=136	136.04	53	P	PKPdf	13 49 49.0 +0.3	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
CBKS	Cedar Bluff baz=133	133.20	43	ePKPdf eSKPbpc	PKPdf	13 49 44.4 +1.0	O37A	Wolven Farm, M baz=136	136.05	38	P	PKPdf	13 49 48.3 0.0	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
U29A	Oasis Ranch, S baz=133	133.27	47	P	PKPdf	13 49 44.2 +0.9	S35A	Otter Creek Ra baz=136	136.08	42	P	PKPdf	13 49 49.0 +0.4	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
S30A	Montezuma, baz=133	133.45	35	P	PKPdf	13 49 44.2 +0.9	ABTX	Abilene, Hawle baz=136	136.12	51	P	PKPdf	13 49 49.2 +0.4	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
I35A	Creekview Farm baz=133	133.28	35	P	PKPdf	13 49 43.4 +0.3	X33A	Lawton baz=136	136.13	48	P	PKPdf	13 49 49.2 +0.5	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
M33A	Taylor Creek F baz=133	133.35	38	P	PKPdf	13 49 43.0 -0.3	431A	Sonora baz=136	136.14	54	P	PKPdf	13 49 49.2 +0.3	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
K34A	Le Mars baz=133	133.36	36	P	PKPdf	13 49 43.4 +0.1	N38A	Joess South For baz=136	136.21	37	P	PKPdf	13 49 48.1 -0.5	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
H36A	Jessenland, He baz=133	133.40	33	P	PKPdf	13 49 43.8 +0.5	V34A	Guthrie baz=136	136.22	45	P	PKPdf	13 49 49.4 +0.6	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
Q32A	Brockman Farm, baz=133	133.41	41	P	PKPdf	13 49 43.6 +0.1	V34A	Guthrie baz=136	136.22	45	ePKPdf	PKPdf	13 49 49.4 +0.6	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
P32A	Hutting Farm, baz=133	133.54	41	P	PKPdf	13 49 44.3 +0.6	R36A	Gordon, Harris baz=136	136.27	41	P	PKPdf	13 49 49.1 +0.3	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
SPMN	St. Paul baz=133	133.56	32	P	PKPdf	13 49 43.8 +0.2	P37A	Lathrop baz=136	136.27	39	P	PKPdf	13 49 48.2 -0.6	TKL	Tuckaleechee C comp=Z,344nm,0.6s	145.16	35	PKIKP	PKPbc	13 50 04.7 -0.2
SPMN	St. Paul baz=133	133.56	32	ePKPdf eSKPbpc	PKPdf	13 49 44.5 +0.9 13 52 53.5 -														

NEIC 13 15:42:32.1,32.23N,115.27W,h4km,ML2.5(PAS), ML2.9(ECX),After ECX.

ECX 13 15:14:32.0,5,32.23N,115.28W,h4km,MD3.6,ML2.7, 2C-1D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Cerro Prieto, Mexicali, Mount Signal, etc.

GUC 13 15:16:28.9,0.7,22.60S,70.30W,h38km,2km,ML3.8, 2C-4D,Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

CSEM 13 15:20:34.9,39.54N,29.56W,h10km,ML3.2,After PDA PDA 13 15:20:34.9,1.5,39.54N,29.56W,h10km,MD3.6,ML3.2, Error ellipse: s-maj=13.7km s-min=6.1km az=38.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Cedros, Caldeira, Horta, etc.

IDC 13 15:26:10.9,8.5,5.03S,151.09E,h122km,52km,mb3.6/4, mb1.3/7.5,mb1mx3.3/3.3,mbtmp4.0/5, Error ellipse: s-maj=65.9km s-min=62.0km az=24.0,New Britain region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 13 15:33:36.4,0.4,8.17S,0.04x107.25E,0.04,h46km, mb3.9/4, Error ellipse: s-maj=6.4km s-min=4.4km az=135.3

DJA 13 15:33:37.0,6.8,8.3S,3.107E,h28km,6km,M4.7/19, mb4.8/7,mb5.3/2,MLV4.6/19,MW(m)4.8/2

AUST 13 15:33:38.4,0.0,8.30S,107.25E,h46km, Error ellipse: s-maj=1.1km s-min=0.6km az=316.0

IDC 13 15:33:46.7,1.7,7.43S,107.77E,h135km,7km,mb3.7/5, mb1.3/9.5,mb1mx3.3/3.3,mbtmp4.1/5,MS2.6/1, ms1mx2.3/3.6, Error ellipse: s-maj=85.9km s-min=18.3km az=51.0

ISC 13 15:33:37.6,0.7,8.12S,0.06x107.22E,0.05,h46km,n47, r122/43,mb3.7/4,Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CNJI Cibinong, CISI Cisompet, etc.

Main table with columns: LEM, S, Sn, 15 34 24.1 +7.3, etc. Includes stations like Lemang, Lemang, Lemang, etc.

PDG 13 15:38:35.7,0.1,43.11N,18.85E,h13km,1km,MD2.6/3, ML2.5/10, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

CSEM 13 15:38:35.2,0.3,43.13N,18.84E,h2km,ML2.5, Error ellipse: s-maj=6.0km s-min=3.0km az=112.0

BE0 13 15:38:36.5,0.3,43.11N,18.85E,h4km,3km,ML2.3/1, ISC 13 15:38:36.0,1.0,43.10N,18.85E,0.03,h10km,8km, n47,r098/86,8C-12D,Northwestern Pacific Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NKY Niksic, NKY Niksic, NKME Niksic, etc.

Table with columns: TIR, S, Sn, 1.91 156 ePg, Pg, 15 39 11.8 -0.7, etc. Includes stations like Tirane, Fruska Gora, Fruska Gora, etc.

IDC 13 15:45:53.0,1.4,37.51S,78.88E,h0km,mb3.8/4, mb1.4/0.4,mb1mx3.6/3.6,mbtmp3.8/4,MS3.6/5,Ms1.3/6.5, ms1mx3.2/3.2, Error ellipse: s-maj=42.5km s-min=37.6km az=89.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISCJB 13 16:11:20.0,0.7,31.12N,0.06x115.60W,0.05,h28km,4km, Error ellipse: s-maj=9.6km s-min=6.0km az=19.8

ECX 13 16:11:20.9,0.4,31.25N,115.59W,h4km,MD3.0,ML3.2, NEIC 13 16:11:20.9,31.25N,115.59W,h4km,MD3.6(MEX), ML3.2(ECX),ML3.5(PAS),After ECX

MEX 13 16:11:21.9,0.3,31.14N,115.69W,h5km,MD3.6, ISC 13 16:11:20.6,1.3,31.14N,0.08x115.59W,0.04,h22km,gkm, n29,r099/46,2C,Baja California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like San Pedro Mart, San Pedro Mart, San Pedro Mart, etc.

ISC 13 16:12:13.0,0.5,15.78N,93.68W,h98km,6km,MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PCIG Chiapas, PCIG Chiapas, PCIG Comitan, etc.

NIED 13 16:19:00.25,20N,123.40E,h18km,Mw3.9 Best double couple: M7.49000x1014 NP1.3x10.00000, 850.00000, lambda=31.00000, NP2.6x10.00000, 867.00000, lambda=136.00000

ISCJB 13 16:19:15.7,0.3,25.44N,0.05x123.47E,0.05, h189km,4km,mb3.5/14, Error ellipse: s-maj=10.2km s-min=4.8km az=145.3

JMA 13 16:19:18.2,0.3,25.24N,123.41E,h183km,4km,M4.2, IDC 13 16:19:19.1,3.2,25.43N,123.34E,h205km,32km,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NIED 13 16:19:00.25,20N,123.40E, etc.

mb3.3/14, mb1 3.5/16, mb1mx3.3/47, mbtmp3.9/16, Error ellipse: s-maj=28.0km s-min=10.1km az=68.0

ISC 13 16:19:16.4-0.7, 2.551N, 0.008, 123.43E, 0.06, h182km, 7km, n45, e0.99/63, mb3.5/14, Northeast of Taiwan

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

CSEM 13 16:31:38.3, 39.53N, 29.74W, h10km, ML3.1, After PDA PDA 13 16:31:38.3, 1.6, 39.53N, 29.74W, h10km, MD3.6, PDA1, Error ellipse: s-maj=15.6km s-min=5.5km az=21.0, Azores Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in the Azores Islands region.

MOS 13 16:33:43.8, 1.1, 51.53N, 16.21E, h6km, mb4.2/3, Error ellipse: s-maj=7.9km s-min=4.1km az=88.2

ISC/B 13 16:33:45.0, 3.51, 46N, 0.02, 16.20E, 0.02, h0km, mb3.6/9, MS3.1/1, Error ellipse: s-maj=2.7km s-min=2.2km az=178.3

CSEM 13 16:33:44.0, 0.2, 51.50N, 16.19E, h2km, ML4.0/4, Error ellipse: s-maj=3.7km s-min=3.4km az=135.0

BGR 13 16:33:45.7, 1.6, 51.47N, 16.06E, h1km, ML3.3/5, Error ellipse: s-maj=5.6km s-min=5.0km az=45.0

IDC 13 16:33:45.4, 0.1, 13.32N, 15.98E, h0km, mb3.6/6, mb1 3.7/14, mb1mx3.3/45, mbtmp3.6/14, ML3.4/8, MS2.9/2, Ms1 2.9/2, ms1mx2.3/45, Error ellipse: s-maj=9.4km s-min=5.6km az=104.0

PRU 13 16:33:46.1, 51.45N, 16.11E, h0km, Felt In Harrachov VIE 13 16:33:48.2, 0.5, 51.21N, 16.22E, h0km, mb3.0/8, mb3.3/8, Error ellipse: s-maj=3.3km s-min=3.0km az=144.0, Suspected Mining induced.

ISC 13 16:33:44.0, 5.5, 51.51N, 0.02, 16.16E, 0.02, h0km, n150, e1930/218, mb3.6/9, 16C-2D, Poland

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Contains the majority of the seismic event data.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Contains the majority of the seismic event data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Malin Array Be, HFS Hagfors, KONO Kongsberg, etc.

JMA 13 16:47:43.0±0.3, 43.88N:147.78E, h0km, M3.6
SKHL 13 16:47:44.4±0.3, 44.26N:147.93E, h4km, mb4.7/3
ISC 13 16:47:47.6±0.4, 43.92N:148.02E, h155m, 11km, n11,
r1523/16, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Shikotan, KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

ISC 13 16:55:21.0±1.0, 20.40S:173.72W, h0km, mb4.0/9,
mb1 4.3/10, mb1mx4.1/30, mbtmp4.0/10, ML3.5/1, MS3.4/5,
Ms1 3.4/5, ms1mx3.1/32, Error ellipse: s-maj=51.6km
s-min=19.1km az=156.0

NEIC 13 16:55:22.0±0.6, 20.28S:173.65W, h10km, mb4.4/1, Error
ellipse: s-maj=29.1km s-min=14.0km az=168.0

ISC 13 16:55:25.0±0.6, 20.1S:173.6W, h25km, n24,
r1568/20, mb4.0/10, MS3.2/3, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Afiamalu, RAO Raoul Island, RAR Raratonga, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like MJAR Matsushiro Arr, JNU Nakatsu, NVAR Mina Array Bea, etc.

ISC 13 17:36:31.2±2.5, 6.55N:72.42W, h0km, mb3.4/2, mb1 3.8/2,
mb1mx3.2/7, mbtmp3.4/2, Error ellipse: s-maj=118.6km
s-min=46.1km az=77.0

ISCJB 13 17:36:54.8±1.1, 7.03N:072.97W, h0.07, h166km,
mb3.2/2, Error ellipse: s-maj=12.0km s-min=9.6km
az=155.9

FUNVJ 13 17:36:54.5±6.81N:73.09W, h166km, MW2.8
ISC 13 17:36:54.1±1.3, 6.9N:071.72W, h0.09, h166km, n13,
r1527/19, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like CAPV Capacho, SOCV Socops, ELOC Elorza, etc.

ISC 13 17:41:21.8±2.2, 21.50S:174.76W, h0km, mb3.9/7,
mb1 4.2/7, mb1mx3.9/7, mbtmp3.9/7, MS3.5/2, Ms1 3.4/2,
ms1mx2.8/32, Error ellipse: s-maj=90.6km s-min=25.3km
az=145.0

ISCJB 13 17:41:23.8±1.2, 22.3S:02:174.4W, h2.02, h35km, mb3.9/8,
MS3.4/2, Error ellipse: s-maj=31.9km s-min=20.5km
az=161.6

NEIC 13 17:41:36.4±6.2, 21.65S:174.83W, h122km, 43km, mb4.4/2,
Error ellipse: s-maj=69.9km s-min=21.4km az=139.0

ISC 13 17:41:25.8±1.4, 22.3S:03:174.33W, h2.02, h35km, n12,
r1525/18, mb4.0/8, Tonga Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like MSVF Nonavsu, RPZ Rata Peaks, STKA Stephens Creek, etc.

SJA 13 17:45:26.5±1.1, 30.16S:68.92W, h10km, 4km, ML3.8
ISC 13 17:45:28.0±4.6, 30.20S:68.97W, h16km, 27km, mb3.8/2,
mb1 3.8/5, mb1mx3.5/26, mbtmp3.7/5, ML3.7/3, Error
ellipse: s-maj=39.9km s-min=21.7km az=102.0

ISC 13 17:45:29.4±0.8, 30.16S:03:68.93W, h22km, 7km,
n23, r1566/31, San Juan Province

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AGUA GUANDACOL, RTVC Cerro Villuciu, ACHE Chepes, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TORD Torodi Ar. Bea, ASAR Alice Springs, WRA Warramunga Arr, etc.

DDA 13 17:49:49.7, 39.56N:44.19E, h6km, Md3.1
CSEM 13 17:49:53.9±0.5, 39.73N:43.84E, h8km, MD3.1, Error
ellipse: s-maj=13.2km s-min=8.4km az=107.0
ISC 13 17:49:56.6, 39.84N:43.62E, h8km, MD3.1
ISC 13 17:49:54.7±1.1, 39.72N:03:43.85E, h0.05, h8km, 9km,
n25, r1530/31, Turkey

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like DYDN Diyyadin, DYDN Diyyadin, AGRB Hanur-Agry, etc.

DDA 13 18:05:43.5, 35.03N:29.34E, h22km, Md3.1
ISC 13 18:05:48.0, 35.26N:29.45E, h32km, MD3.4
ISCJB 13 18:05:49.6±0.4, 35.34N:02:29.58E, h0.03, h46km, 10km,
mb3.2/3, MS3.0/1, Error ellipse: s-maj=6.0km s-min=3.6km
az=13.1

CSEM 13 18:05:49.5±0.7, 35.29N:29.49E, h30km, MD3.1, Error
ellipse: s-maj=16.2km s-min=8.6km az=21.0

ISC 13 18:05:51.7, 35.45N:29.69E, h44km, 25km, mb3.3/2,
mb1 3.5/10, mb1mx3.3/7, mbtmp3.5/10, ML3.5/7, MS3.1/1,
Ms1 3.1/1, ms1mx2.1/27, Error ellipse: s-maj=15.7km
s-min=13.3km az=45.0

ATH 13 18:06:09.6, 35.77N:27.78E, h55km, 4km, MD2.9/3
NSSC 13 18:06:11.7±1.2, 34.49N:31.53E, h71km, 398km, ML2.3
ISC 13 18:05:50.4±1.5, 35.40N:02:29.56E, h0.03, h30km, 12km,
n64, r1515/81, mb3.1/3, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AKAS Kas, AKAS Kas, FETY Fethiye, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ENTT Nioudou, TWE Neicheng, KAU Kaohsiung, etc.

ISCJB 13 18:43:41.1+0.6,39.48N,0.07:29.66W,0.05, h10km, m3.6/2, MS3.4/6, Error ellipse: s-maj=11.5km

ISC 13 18:43:44.2+1.3,39.30N,0.3:14W, h0km, mb3.4/3, m1 3.7/3, mb1mx3.3/36, mbtmp3.4/3, MS3.4/7, Ms1 3.4/7, ms1mx3.2/22, Error ellipse: s-maj=59.4km s-min=15.4km az=13.0

CSEM 13 18:43:45.5,39.57N,29.67W, h10km, ML3.7, After PDA PDA 13 18:43:45.5+1.1,39.57N,29.67W, h10km, MD3.8, ML3.7, Error ellipse: s-maj=6.5km s-min=2.7km az=28.0

ISC 13 18:43:40.3+1.1,39.52N,0.1:29.68W,0.05, h10km, n39, r155/50, MS3.4/6,2C, Azores Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like H07N1 FLORES T-PHASE, PCED Cedros, CALA Caldeira, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like PSMA Santa Maria, PSMN Pico do Norte, GERES GERRS Array B, etc.

ISC 13 18:45:30.5+2.2,33.57S,178.66W, h0km, mb3.9/2, m1 4.1/3, mb1mx3.7/28, mbtmp3.9/3, ML3.5/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/28, Error ellipse: s-maj=60.8km s-min=34.6km az=126.0

ISCJJB 13 18:45:34.1+2.0,33.75S,0.1:178.6W,0.3, h41km, mb3.7/2, m1 4.1/3, mb1mx3.8/28, mbtmp3.8/3, MS3.3/1, MS3.3/1, Ms1 3.3/1, ms1mx2.3/28, Error ellipse: s-maj=12.3km az=14.5

ISC 13 18:45:35.7+1.9,33.75S,0.2:178.5W,0.3, h41km, n13, r152/116, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like WMGZ Waiomatatini S, PKGZ Pakiroa, HAZ Te Kaha, etc.

MOS 13 18:51:02.3+0.8,34.01S,73.42W, h16km, mb5.5/35, Error ellipse: s-maj=18.4km s-min=7.8km az=101.9

ISCJJB 13 18:51:03.0+0.1,33.94S,0.1:73.21W,0.03, h29km, m5.2/50, MS4.7/91, Error ellipse: s-maj=4.3km s-min=2.8km az=23.1

GUC 13 18:51:03.6+0.4,33.99S,73.16W, h21km,3km, ML5.3, BUI 13 18:51:03.7,33.68S,73.76W, h29km, mb5.3/21, MS5.5/18, Ms7.5/18

GCMT 13 18:51:05.3+0.2,34.07S,73.51W, h12km, MW5.2/110, Moment Tensor Solution. s58,c81; s110,c171; Duration: 1s0 Moment tensor: Scale 10^19Nm; Min=6.21e-12; Mxx=2.17e-09; Myy=4.04e-12; Mzz=2.63e-33; Mxy=3.34e-09; Mxz=3.72e-33; Best double couple: Mxx=77900x10^16 NPT=3e-217,000000; s82,000000; 1-90,000000; NP2=38,000000; s28,000000; 1-89,000000;

Principal axes: T 7.9610, Plg17.00000, Azm307.00000; N -0.3630, Plg0.00000, Azm217.00000; P -7.5980, Plg73.00000, Azm126.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 13 18:51:05.2+0.6,33.99S,73.23W, h29km,3km, mb4.9/25, m1 5.0/28, mb1mx4.9/32, mbtmp5.0/28, ML4.9/3, MS4.4/17, Ms1 4.4/17, ms1mx4.4/20 Error ellipse: s-maj=14.4km s-min=10.4km az=77.0

NEIC 13 18:51:05.4+0.1,33.99S,73.08W, mb5.4/31, MS4.8/69, ML5.3/67C, Error ellipse: s-maj=6.0km s-min=4.2km az=67.0

NEIC Feit [II] at Rancagua and [I] at San Antonio, Santiago and Tiltil. Also felt at Valparaiso and Vina del Mar. ISC 13 18:51:04.8+0.5,34.03S,0.04:73.21W,0.05, h28km,3km, h28km, P-P,n891, r0998/880, mb5.3/50, MS4.7/91, 38C-21D, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CHPI Pichilemu, LNV Longovilo, TALC Talca, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like LPAZ La Paz, EFI East Falkland, SIV San Ignacio, etc.

13d 18h

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, and other parameters. Rows include stations like Chaparral WMA, Vidor, Cross D Ranch, etc.

2010 DEC

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, and other parameters. Rows include stations like Mertzton, White-Moore Ra, Locksburg, etc.

572

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, and other parameters. Rows include stations like Cathedral Cave, Anderson Ranch, Cookes Peak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like A33A Warrod, B31A Greenbush Farm, C28A Hausauer Farms, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PAB comp=Z,184nm,19.0s, ESDC Sonseca Array, DZM Mont Dzumak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TLB Topalu, TIRR Tirusor, TIRR Tirusor, etc.

13d 20h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PCAN Candalaria, PGRA Graciosa, PICO Pico, PMAN Manadas, etc.

IDC 13 19:31:44.67.6, 6.02S, 149.58E, h56km, 62km, mb3.5/3, mb1.3/4, mb1mp3.9/6, ML1.6/1, MS3.8/1, Ms1.2/8.1, ms1mx2.3/2.0, Error ellipse: s-maj=90.2km s-min=47.8km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 13 19:44:46.2.3, 18.65S, 67.07W, h233km, 13km, mb3.1/4, mb1.3/4, mb1mp3.9/6, ML1.6/1, MS3.8/1, Ms1.2/8.1, ms1mx2.3/2.0, Error ellipse: s-maj=51.5km s-min=18.7km az=38.0, Central Bolivia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPAZ La Paz, CPUP Villa Florida, TXAR Lajitas Array, PDAR Pinedale Array, TORO Torodi Arr, etc.

CSEM 13 19:48:35.8, 39.51N, 29.81W, h10km, ML2.6, After PDA PDA 13 19:48:35.8, 0.3, 39.51N, 29.81W, h10km, MD3.6, ML2.6, Error ellipse: s-maj=9.1km s-min=3.3km az=67.0, Azores Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CALA Caldeira, ROSA Rosais, PCAN Candalaria, etc.

IDC 13 19:53:45.0, 8.2, 5.62S, 150.59E, h86km, 58km, mb3.0/3, mb1.3.2/4, mb1mx3.0/2.8, mbmp3.4/4, ML1.8/1, Error ellipse: s-maj=11.7km s-min=5.7km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORO Torodi Arr, etc.

CSEM 13 20:02:22.1, 39.49N, 29.69W, h10km, ML2.9, After PDA PDA 13 20:02:22.1, 0.4, 39.49N, 29.69W, h10km, MD3.6, ML2.9, Error ellipse: s-maj=8.9km s-min=3.3km az=53.0, Azores Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, ROSA Rosais, PCAN Candalaria, etc.

NEIC 13 20:09:55.9, 43.57S, 172.39E, h14km, ML3.8(WEL), After WEL. NEIC Fell in the Christchurch area.

2010 DEC

WEL 13 20:09:56.1, 0.1, 43.61S, 172.38E, h9km, ML3.8/17, 5C-4D, Error ellipse: s-maj=0.9km s-min=0.9km az=0.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, CRLZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BSWS Blackbirch Sta, BSWS Blackbirch Sta, TUZ Tuamarina, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PLWZ Palliser, PLWZ Palliser, DUWZ D'Urville Isla, etc.

IDC 13 20:27:17.8, 2.0, 19.04N, 104.31W, h0km, mb3.6/3, mb1.4/1.5, mb1mx3.7/4.9, mbmp3.7/5, ML3.7/2, MS3.4/6, Ms1.3/4.6, ms1mx3.1/2.7, Error ellipse: s-maj=79.7km s-min=26.4km az=91.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CALA Caldeira, ROSA Rosais, PCAN Candalaria, etc.

IDC 13 20:27:25.5, 2.0, 19.37N, 105.06E, h0km, mb3.6/3, mb1.4/1.5, mb1mx3.7/4.9, mbmp3.7/5, ML3.7/2, MS3.4/6, Ms1.3/4.6, ms1mx3.1/2.7, Error ellipse: s-maj=79.7km s-min=26.4km az=91.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like R15V Ruvu, R15V Ruvu, PUA Puert Vallarta, etc.

576

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ARIG Puente Sto Nin, H06S1 SOCORRO T-PHAS, etc.

MAN 13 20:32:04.7, 80N, 126.04E, h26km, mb4.0, ML2.8, MS2.4, 1D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MATI Mati, MATI Mati, BUKP Musuan, etc.

CSEM 13 20:45:09.7, 39.49N, 29.54W, h10km, ML3.0, After PDA PDA 13 20:45:09.7, 0.9, 39.49N, 29.54W, h10km, MD3.5, ML3.0, Error ellipse: s-maj=8.8km s-min=6.9km az=61.0, Azores Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

AUST 13 20:49:38.0, 3.35S, 99.97E, h10km, NEIC 13 20:49:38.4, 7.3, 39S, 100.15E, h0km, 29km, mb4.5/4, Error ellipse: s-maj=19.6km s-min=7.2km az=54.0

ISCJB 13 20:49:39.7, 0.6, 3.57S, 100.05E, 99.88E, 0.06, h33km, mb4.1/17, MS3.1/2, Error ellipse: s-maj=10.4km s-min=3.9km az=136.4

IDC 13 20:49:39.2, 0.8, 3.31S, 100.35E, h0km, mb4.1/13, mb1.1/4.2/3, mb1mx3.7/4.9, mbmp3.7/5, ML3.7/2, MS3.4/6, Ms1.3/4.6, ms1mx3.1/2.7, Error ellipse: s-maj=29.7km s-min=14.7km az=56.0

DJA 13 20:49:41.2, 1.1, 4.57S, 101.0E, h39km, 11km, M4.5/12, mb4.8/3, mb5.6/2, MLV4.4/4, MLV4.5/12, Mw(m)B5.1/2

ISC 13 20:49:42.1, 0.7, 3.55S, 100.79E, 99.88E, 0.08, h35km, n61, c1511/49, mb4.2/17, Southwest of Sumatera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, PPSI Pulau Pagai, KRJI Kerinci, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, FITZ Fitzroy Crossi, etc.

ISCJB 13 20:57:26.0.6.21.51S:0.07:66.63W:0.05, h200km, mb3.6/2, Error ellipse: s-maj=10.0km s-min=5.4km az=159.3

ISC 13 20:57:27.5.0.9.21.57S:66.60W, h209km, 11km, mb3.6/2, mb1 3.5/7, mb1mx3.2/39, mbtmp4.0/7, Error ellipse: s-maj=20.4km s-min=11.2km az=123.0

GUC 13 20:57:29.8.0.4.21.55S:67.13W, h230km, ML4.4 ISC 13 20:57:26.5.0.7.21.54S:0.07:66.62W:0.07, h200km, n16, s=157/23, 1C-3D, Southern Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC Limon Verde, PBO1 IPOC Station P, etc.

ISCJB 13 21:00:47.5.0.6.3.98S:0.07:76.76W:0.09, h113km, mb3.8/6, Error ellipse: s-maj=13.8km s-min=9.2km az=26.3

ISC 13 21:00:47.3.0.7.3.96S:76.76W, h98km, mb3.6/6, mb1 3.7/10, mb1mx3.5/42, mbtmp3.9/10, MS2 6/1, Ms1 2.6/1, ms1mx2.5/20, Error ellipse: s-maj=18.9km s-min=12.5km az=119.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATAH Atahualpa, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORO 0.5nm, 0.4s, baz=280, slow=5.5, SNR=5.2, etc.

ISC 13 21:04:01.6.3.5.3.44S:100.16E, h0km, mb3.4/6, mb1 3.6/6, mb1mx3.5/40, mbtmp3.5/6, MS2 8/1, Ms1 2.8/1, ms1mx2.4/22, Error ellipse: s-maj=140.8km s-min=20.6km az=57.0, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekele, etc.

ISCJB 13 21:05:51.8.0.6.29.25S:0.03:69.59W:0.05, h116km, 8km, mb3.8/1, Error ellipse: s-maj=7.4km s-min=5.0km az=152.6

GUC 13 21:05:52.4.0.6.29.22S:69.72W, h119km, 11km, ML3.6 SJA 13 21:05:53.9.0.7.29.37S:69.44W, h108km, 9km, ML3.5 ISC 13 21:05:52.6.1.0.29.26S:0.04:69.60W:0.05, h114km, 9km, n17, s=86/28, 2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCO Las Campanas, VACH Vallena, etc.

PRU 13 21:14:15.5.49.85N:18.56E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OKK Ostrava-Krasne, DPC Dobruska-Polm, etc.

ISCJB 13 21:15:20.5.1.1.35.72S:0.06:179.6E:0.1, h100km, mb4.0/3, Error ellipse: s-maj=13.3km s-min=9.0km az=172.6

ISC 13 21:15:21.7.5.35.65S:179.50E, h62km, 59km, mb3.8/3, mb1 4.1/4, mb1mx3.7/21, mbtmp4.1/4, ML4.1/1, MS3.1/3, Ms1 3.1/3, ms1mx2.8/29, Error ellipse: s-maj=52.4km s-min=36.6km az=50.0

WEL 13 21:15:22.4.0.7.35.81S:179.30E, h156km, 60km, ML4.3/7, Error ellipse: s-maj=6.6km s-min=4.9km az=90.0

ISC 13 21:15:22.8.1.8.35.74S:0.10:179.4E:0.1, h100km, n43, s=138/42, mb4.0/3, 3C-2D, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, PKGZ Pakhihiroa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RIGZ Rimuhau, GRZ Great Barrier, etc.

ISC 13 21:32:02.7.8.9.47S:115.50E, h50km, 74km, mb2.8/3, mb1 3.3/5, mb1mx3.1/38, mbtmp3.3/5, ML3.6/2, Error ellipse: s-maj=103.2km s-min=24.2km az=63.0

ISCJB 13 21:32:05.7.0.7.9.42S:0.06:116.24E:0.06, h35km, mb3.2/2, Error ellipse: s-maj=8.9km s-min=8.6km az=10.2

AUST 13 21:32:08.3.9.47S:115.93E, h200km, n13, s=154/11, Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAGI Jajag, Banyuwu, KAPI Kappang, etc.

ISC 13 21:39:56.4.7.1.27.38S:177.35W, h46km, 61km, mb3.6/3, mb1 3.8/3, mb1mx3.5/29, mbtmp3.8/3, MS3.5/9, Ms1 3.5/9, ms1mx3.3/28, Error ellipse: s-maj=74.4km s-min=37.0km az=23.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, DZM Motu Dzumak, etc.

CSEM 13 21:45:45.4.0.2.43.74N:20.67E, h10km, ML2.4, Error ellipse: s-maj=3.2km s-min=3.1km az=146.0

BE0 13 21:45:46.0.3.43.74N:20.67E, h0km, 3km, ML2.4/1 ISC 13 21:45:46.0.3.43.75N:0.02:20.66E:0.2, h10km, 7km, n48, s=1925/71, 10C-8D, Northwestern Borken Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRUS Gruza, IVAS Ivanjica, etc.

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

NIED 12 22:02:00.33, 50N, 134.10E, h32km, Mw3.5. Best double couple: M2.20000, 1014, NP1.0, 135.00000, 885.00000, 1.79.00000, NP2.0, 225.00000, 889.00000, 1.5.00000.

JMA 13 22:02:18.3, 33.52N, 134.15E, h33km, Mw3.3, 2C-4D Broadband fault plane solution: P waves. NP1: 0.40.00000, 881.00000, 14.00000, NP2: 0.307.00000, 877.00000, 171.00000. Principal axes: T Plg16.0000, Azm264.0000; N Plg74.0000, Azm73.0000; P Plg3.0000, Azm173.0000; Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRT2, JMN, JAI, JJS, etc.

CSEM 13 22:05:26.6, 39.62N, 29.50W, h10km, ML3.3, After PDA PDA 13 22:05:26.6, 39.62N, 29.50W, h10km, MD3.7, ML3.3, Error ellipse: s-maj=16.8km s-min=5.6km az=63.0, Azores Islands

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK6, YUK6, PNL, etc.

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB10, PB10, PB10, etc.

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, CMAR, H08S2, etc.

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h 14.1, 3.9, 30.59S x 179.12W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/3, mbtmp3.9/3, Error ellipse: s-maj=175.2km s-min=59.4km az=162.0, Kermadec Islands region

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

14d 1h

2010 DEC

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like TPNU, HUMO, M04C, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like 933A, 631A, 732A, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like LPSR, LPSR, OBN, etc.

Table with columns: DIVS, WET, GRS, ARF, MOTA, RETA, FETA, TAM, TAMAN, TAMANASSET. Includes station names like Divibare, Wetzell, Grafenberg, Arzberg, Moosalm, Reutte, Feichten, Tamans, Tamansasset and their coordinates.

MEX 14 01:35:44.0±0.6, 14.93N, 92.63W, h83km, 6km, MD3.8, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, Comitan.

IDC 14 01:38:41.0±5.1, 6.20S, 104.12E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/30, mbtmp3.7/4, Error ellipse: s-maj=210.6km s-min=30.8km az=51.0

ISCJB 14 01:38:44.5±1.1, 6.46S, 0.09±103.88E±0.08, h48km, mb3.7/4, Error ellipse: s-maj=14.7km s-min=9.0km az=35.5. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KASI, LWLI, CGJ, CGJ, KLSI, MDSI, MNAI, H08S2, H08S3, H08S1, WRA, SONMI, MKAR, ZALV, TXAR.

IDC 14 01:39:56.9±6.0, 22.29S, 129.72E, h0km, mb1 3.2/3, mb1mx3.1/24, mbtmp3.0/3, ML2.9/3, Error ellipse: s-maj=64.0km s-min=39.5km az=50.0, Northern Territory. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, ASAR, ASAR, WRA, WRA, WRA, STKA.

GUC 14 01:41:59.4±0.5, 28.80S, 71.40W, h38km, 2km, ML3.8, ISC 14 01:41:56.2±3.4, 28.74S±0.05, 71.56W±0.10, h2km, 21km, n17, ±191/23, 1D, Near coast of central Chile. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VACH, VACH, LSCH, LSCH, TLL, TLL, TLL, CPCH, CPCH, AGUA, AGUA, AGUA, VCA, VCA, VCA, AMOG, AMOG, RTLS, RTLS, RTLL, RTLL, RTLL, AUSP, AUSP, AVFE, AVFE, CFAA, CFAA, ASAL, ASAL, ACHS, ACHS, AAGR, AAGR, CYA, CYA, ACAN, ACAN.

IDC 14 02:08:53.6±3.7, 6.66S, 155.55E, h229km, 35km, mb3.3/7, mb1 3.5/9, mb1mx3.3/34, mbtmp3.9/9, Error ellipse: s-maj=217km s-min=21km az=59.0, Bougainville-Solomon Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, PMG, DZM, DZM, WRA, WRA, ASAR, ASAR, H11S3, H11S2, H11S1, STKA, STKA, SONMI, ILAR, YKA, YKA, TORD, TORD.

IDC 14 02:22:36.1±1.5, 6.21N, 150.41W, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.5/41, mbtmp3.5/8, ML3.2/3, MS3.6/5, Ms1 3.6/5, ms1mx3.1/39, Error ellipse: s-maj=26.4km s-min=16.6km az=101.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda, H01W1, H01W2, H01W3, ASAR, WRA, H08S2, H08S1, H08S3, H06S1, Vnda, H01W1, H01W2, H01W3, ASAR, WRA, H08S2, H08S1, H08S3, H06S1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLOR, PLOR, VRI, VRI, VRI, VRI, PETR, PETR, PETR, PETR, MLR, MLR, MLR, MLR, TESR, TESR, TESR, TESR, DOPR, DOPR, DOPR, DOPR.

ISK 14 02:12:48.9, 37.38N, 36.31E, h20km, MD2.7, DDA 14 02:12:49.5, 37.37N, 36.29E, h18km, MD2.7, CSEM 14 02:12:50.5, 0.5, 37.41N, 36.21E, h20km, MD2.7, Error ellipse: s-maj=14.7km s-min=11.0km az=161.0

ISC 14 02:12:50.1±1.0, 37.375N, 0.03±36.30E±0.02, h10km, 6km, n23, ±676/41, Turkey. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANDN, ANDN, ANDN, ANDN, KAMA, KAMA, KOZT, KOZT, KOZT, KOZT, AYKD, AYKD, AYKD, KMRS, KMRS, KMRS, CEYT, CEYT, CEYT, AKO, AKO, KUZU, KUZU, KUZU, TAHT, TAHT, TAHT, GZT, GZT, YAYL, YAYL, YAYL, AKCD, AKCD, AKCD, SURC, SURC, SURC, SURC, SURC.

IDC 14 02:15:13.8±10.0, 55.78S, 158.05E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.7/21, mbtmp3.6/3, Error ellipse: s-maj=501.4km s-min=30.3km az=72.0, Macquarie Island region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda, H01W1, H01W2, H01W3, ASAR, WRA, H08S2, H08S1, H08S3, H06S1.

IDC 14 02:22:36.1±1.5, 6.21N, 150.41W, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.5/41, mbtmp3.5/8, ML3.2/3, MS3.6/5, Ms1 3.6/5, ms1mx3.1/39, Error ellipse: s-maj=26.4km s-min=16.6km az=101.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda, H01W1, H01W2, H01W3, ASAR, WRA, H08S2, H08S1, H08S3, H06S1.

NEIC 14 02:22:37.6±2.29N, 150.27W, h19km, MW3.7, ML3.9(AEIC), Moment Tensor Solution. s14, Moment tensor: Scale 10^14Nm; Mr=228; Mw=1.38; Mw=3.66; Mw=2.59; Mw=2.09; Mr=0.28; Best double couple: Mw=4.60000x10^14 Np1=0.34500000, 860.00000, 1.30.00000. NP2=0.235, 0.00000, 867.00000, 1.136.00000. Principal axes: T: 4.6300, Plg47.0000, Azm192.0000; N: 0.0000, Plg42.0000, Azm33.0000; P: -4.6300, Plg11.0000, Azm294.0000; After AEIC. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRAP, TRAP, CHUL, CHUL, PMR, PMR, PML, PML, SML, SML, STLK, STLK, FIB, FIB, RC01, RC01, RC01, RC01, KNK, KNK, TRF, TRF, VOG, VOG, CRP, CRP, CRP, CRP, RND, RND, Eagle River, Eagle River, SPU, SPU, CKN, CKN, BGL, BGL, SCM, SCM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCM, CKL, DHY, DHY, MCK, MCK, PWL, PWL, SLKM, SLKM, BPAW, BPAW, JPN, JPN, RDN, RDN, RSO, RSO, VLZ, VLZ, SEW, SEW, KLU, KLU, PS11, PS11, PAX, PAX, PAX, PAX, PS10, PS10, HARP, HARP, DIV, DIV, DIV, DIV, WRH, WRH, BRK, BRK, HIN, HIN, ILW, ILW, IVE, IVE, HDA, HDA, CCB, CCB, HEM, HEM, EYAK, EYAK, CNPM, CNPM, TTA, TTA, TTA, TTA, PS08, PS08, SVW, SVW, MLY, MLY, COLA, COLA, COLA, COLA, MDM, MDM, ILAR, ILAR, ILAR, ILAR, OPT, OPT, BMRM, BMRM, BMRM, BMRM, GLB, GLB, DOT, DOT, RAG, RAG, AUW, AUW, WRD, WRD, MID, MID, MCARA, MCARA, NCHA, NCHA, BERR, BERR, CDD, CDD, KHIT, KHIT, GRIN, GRIN, GCSA, GCSA, BALM, BALM, BCAA, BCAA, KIAG, KIAG, IM3, IM3, ISLE, ISLE, KULT, KULT, GARK, GARK, BARN, BARN, BAGL, BAGL, KAHC, KAHC, MESA, MESA, KVTA, KVTA, KDKA, KDKA, KDKA, KDKA, KAKM, KAKM, KAKN, KAKN, EGAK, EGAK, EGAK, EGAK, COLD, COLD, DAWN, DAWN, OHAK, OHAK, PCA, PCA, BM3, BM3, PNL, PNL, DHAK, DHAK, Skelton, Skelton, TNA, TNA, INK, INK, INK, INK, DLBC, DLBC, YKA, YKA, RES, RES, NVAR, NVAR, MHD, MHD, TXAR, TXAR, SONMI, SONMI, AKASG, AKASG, DAVOS, DAVOS, MLR, MLR, KBZ, KBZ, ESDC, ESDC.

CSEM 14 02:24:19.0, 39.49N, 29.78W, h10km, ML2.8, After PDA 14 02:24:19.0±0.8, 39.49N, 29.78W, h10km, MD3.5, ML2.8, Error ellipse: s-maj=20.6km s-min=7.5km az=50.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CALA, CALA, CUJ, CUJ, HOR, HOR, HOR, HOR, ROSA, ROSA, ROSA, ROSA, ROSA, ROSA, ROSA, ROSA, PCAN, PCAN, PCAN, PCAN, PCAN, PCAN, PICO, PICO, PICO, PICO.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like DDS Dosso del Somm, MABI Malga Bissina, PANI Panarotta, etc.

MEX 14 05:12:50.4:1.6, 14.63N, 93.22W, h16km, 98km, MD3.9, Near coast of Chiapas. Table with station details.

MEX 14 05:18:58.9:0.6, 15.58N, 94.02W, h51km, 15km, MD4.2, Near coast of Oaxaca. Table with station details.

IDC 14 05:29:40.8:5.5, 18.35N, 144.89E, h119km, 45km, mb3.3/6, mb1 3.6/7, mb1mx3.3/29, mbtmp3.7/7, Error ellipse: s-maj=112.5km s-min=18.1km az=111.0, Mariana Islands. Table with station details.

NNC 14 05:31:02.0:1.6, 49.00N, 68.66E, h7km, 7km, mb3.2, mpv2.8, 10C-12Z, Error ellipse: s-maj=14.4km s-min=6.3km az=75.0, Central Kazakhstan. Table with station details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like BRVK 2.1nm,0.5s, BRVK Borovoye, CHKZ Chkalovo, etc.

MEX 14 06:13:36.6:0.9, 19.73N, 98.58W, h1km, MD3.8, Central Mexico. Table with station details.

IDC 14 06:31:09.6:0.8, 21.48S, 173.67W, h0km, mb4.3/8, mb1 4.5/9, mb1mx4.2/24, mbtmp4.3/9, ML4.5/1, MS3.2/3, YJ8 1.3/3, ms1mx2.8/28, Error ellipse: s-maj=38.2km s-min=19.1km az=144.0. Table with station details.

ISCJ 14 06:31:13.8:0.6, 21.37S, 173.70W, h0.1, h38km, mb4.3/10, MS3.2/2, Error ellipse: s-maj=16.6km s-min=11.1km az=43.9. Table with station details.

NEIC 14 06:31:15.0:0.4, 21.41S, 173.59W, h35km, mb4.4/1, Error ellipse: s-maj=13.9km s-min=9.3km az=134.0. Table with station details.

ISC 14 06:31:15.3:0.6, 21.45S, 173.67W, h0.1, h38km, n25, 0.85/21, mb4.3/10, Tonga Islands. Table with station details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, MSFV Nonnavu, RAR Rarotonga, etc.

IDC 14 06:48:28.7:2.6, 54.14N, 86.44E, h0km, mb1 3.2/2, mb1mx3.0/40, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=20.7km s-min=12.7km az=62.0, Southwestern Siberia. Table with station details.

NEIC 14 06:49:59.0:4, 44.65S, 167.24E, h5km, ML4.0(WEL), After WEL. Table with station details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, MLZ Mavora Lakes, WZK Jackson Bay, etc.

IDC 14 07:12:22.5:4.5, 4.88S, 99.16E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/43, mbtmp3.8/5, Error ellipse: s-maj=188.4km s-min=22.0km az=54.0, Southwest of Sumatra. Table with station details.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 14 07:18:57.8:9.0, 17.66S, 174.57W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/33, mbtmp3.5/3, Error ellipse: s-maj=394.9km s-min=40.6km az=141.0, Tonga Islands. Table with station details.

CSEM 14 07:29:48.6:39.54N, 29.66W, h10km, ML3.3, After PDA. Table with station details.

MKAR Makanchi Array 146.30 40 PKPbc PKPbc 09 02 05.0 -0.1 comp=N,0.9nm,0.6s,baz=314,slow=2.7,SNR=5.3

WEL 14 09:01:29.8:0.3,3616Sx177.07E,h5km,ML3.8/3,2C-2D, Error ellipse: s-maj=2.5km s-min=2.3km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MYRZ, KUZ, HAZ, TGRZ, GGRZ, etc.

CSEM 14 09:02:46.8, 39°51'N, 29°67'W, h10km, ML2.9, After PDA PDA 14 09:02:46.8, 0.4, 39°51'N, 29°67'W, h10km, MD3.5, ML2.9, Error ellipse: s-maj=7.8km s-min=3.4km az=49.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCED, CALA, CALA, HORTA, ROSA, etc.

CSEM 14 09:06:29.8, 39°54'N, 29°79'W, h10km, ML3.3, After PDA PDA 14 09:06:29.8, 0.7, 39°54'N, 29°79'W, h10km, MD3.5, ML3.3, Error ellipse: s-maj=9.9km s-min=2.6km az=24.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H07S1, PCED, CALA, CALA, HORTA, ROSA, etc.

CSEM 14 09:12:34.8:0.2,3616Sx3.51W,h5km,ML1.7, Error ellipse: s-maj=3.5km s-min=2.3km az=5.0, MDD 14 09:12:36.2:0.6,38°37'N,45W,h0km,mbLg1.7/1.1, Error ellipse: s-maj=4.7km s-min=3.1km az=169.0, PRXIMO, Spain

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

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

IDC 14 09:15:04.4:1.9,1338Sx167.04E,h0km,mb3.8/4, mb1.4/0.5,mb1mx3.7/27,mbtmp3.9/5,ML3.8/1, Error ellipse: s-maj=54.7km s-min=31.1km az=124.0, Vanuatu Islands

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

CSEM 14 09:22:41.6, 40°23'N, 19°93'E, h19km, MD3.1, After ATH ATH 14 09:22:41.6, 40°23'N, 19°93'E, h19km, MD3.1/6, ISCJB 14 09:22:42.7:1.2, 40°02'N, 0°06:19.9'E, 0.1, h7km, Error ellipse: s-maj=12.2km s-min=8.3km az=20.8, ISC 14 09:22:44.1:1.2, 40°12'N, 0°05:20.00'E, 0.05, h7km, n15, r1548/22, Greece-Albania border region

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

CSEM 14 09:35:10.6, 39°51'N, 29°67'W, h10km, ML2.9, After PDA PDA 14 09:35:10.6, 0.9, 39°51'N, 29°67'W, h10km, MD3.7, ML2.9, Error ellipse: s-maj=10.4km s-min=8.2km az=60.0, Azores Islands

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

Table with columns: PICO, Pico, 1.40 136 eP, Pn, 09 35 31.6 -4.7, etc.

BEO 14 09:40:48.4:1.2, 35°31'N, 21°48'E, h0km, ML4.2/5, IDC 14 09:40:50.6:0.9, 35°49'N, 21°73'E, h0km, mb4.0/1.3, mb1.4/2/15, mb1mx3.9/4.0, mbtmp4.1/15, ML3.6/2, MS3.1/9, mb1.3/1.9, mb1mx2.7/57, Error ellipse: s-maj=20.4km s-min=17.6km az=148.0, ATH 14 09:40:52.4, 35°43'N, 21°56'E, h16km, 1km, MD3.8/28, ML3.7

THE 14 09:40:52.1, 35°37'N, 21°20'E, h31km, 29km, ML3.8/3, Error ellipse: s-maj=29.5km s-min=1.4km az=357.0, CSEM 14 09:40:53.5:0.3, 35°40'N, 21°43'E, h20km, mb4.1/13, Error ellipse: s-maj=9.1km s-min=6.0km az=68.0, MOS 14 09:40:53.8:1.5, 35°39'N, 21°74'E, h39km, mb4.2/15, Error ellipse: s-maj=14.4km s-min=10km az=73.8, ISCJB 14 09:40:55.2:0.6, 35°43'N, 0°03:21.49E, 0.05, h62km, 5km, mb4.0/17, Error ellipse: s-maj=7.3km s-min=4.2km az=146.3, ISC 14 09:40:56.2:0.8, 35°49'N, 0°04:21.53E, 0.05, h40km, 7km, n177,r166/185,mb4.1/17,MS3.0/8,2D,Central Mediterranean Sea

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

Table of astronomical observations for the 14-day period. Columns include station name, time, and various parameters like elevation and signal strength.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DHAK, BM3, INK, DLBC, etc.

ISC 14 10:02:45.3, 1.3, 36.92Sx78.37E, h0km, mb4.1/6, mb1 4.2/6, mb1mx3.7/58, mbtmp4.1/6, MS3.6/16, MS1 3.6/16, ms1mx3.4/33, Error ellipse: s-maj=50.42km s-min=30.8km az=51.0

ISCJTB 14 10:02:46.2, 1.1, 37.0S:0.2:78.5E:0.3, h15km, mb4.1/6, MS3.7/16, Error ellipse: s-maj=31.5km s-min=26.0km az=155.1

ISC 14 10:02:47.7, 1.3, 36.9S:0.2:78.4E:0.3, h15km, n27, c0817/1, mb4.1/6, MS3.7/16, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W3, H01W1, etc.

ISC 14 10:07:57.1, 4.0:19N:29.45E, h29km, MD2.5 DDA 14 10:07:58.6, 4.0:17N:29.44E, h7km, MD2.4

ISCJTB 14 10:07:59.1, 0.5, 40.12N:0.04:29.46E:0.03, h0km, Error ellipse: s-maj=1.2km s-min=0.3km az=167.6

CSEM 14 10:07:59.1, 0.2, 40.11N:29.46E, h2km, MD2.5, Error ellipse: s-maj=5.2km s-min=3.4km az=164.0, Mining explosion.

ISC 14 10:07:59.3, 0.9, 40.13N:0.03:29.45E:0.02, h0km, n18, c095/32, Turkey

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

ISC 14 10:13:54.0, 0.7, 16.16N:126.62E, h0km, mb4.1/10, mb1 4.2/10, mb1mx3.9/35, mbtmp4.1/10, Error ellipse: s-maj=55.3km s-min=15.5km az=71.0

NEIC 14 10:13:55.6, 0.6, 6.23N:126.71E, h10km, mb4.5/2, Error ellipse: s-maj=0.6km s-min=0.1km az=60.0

ISCJTB 14 10:14:00.4, 1.5, 6.19N:0.06:126.73E:0.09, h61km, 13km, mb4.0/11, Error ellipse: s-maj=17.6km s-min=7.3km az=150.1

MAN 14 10:14:02.6, 1.15N:126.78E, h65km, mb4.6, ML3.5, MS3.4

AUST 14 10:14:05.6, 16.0, 5.98N:126.59E, h97km, 1km, Error ellipse: s-maj=8.4km s-min=2.5km az=356.0

DJA 14 10:14:14.0, 3.0, 5.15N:127.7E:1.3, h77km, 35km, M4.5/6, mb4.7/6, mb4.9/4, MLV4.2/6, Mw(MB)4.1/2

ISC 14 10:14:03.3, 1.1, 6.12N:0.06:126.59E:0.08, h71km, 11km, n65, c1921/60, mb4.0/11, 2C-1D, Mindanao

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

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

ISC 14 10:14:24.9, 2.0, 11.53S:117.07E, h0km, mb3.3/2, mb1 3.7/5, mb1mx3.5/33, mbtmp3.6/5, ML3.7/3, MS2.1/1, Ms1 2.1/1, ms1mx1.9/12, Error ellipse: s-maj=71.1km s-min=24.1km az=42.0

ISCJTB 14 10:14:26.0, 0.1, 11.69S:0.05:117.11E:0.05, h26km, mb3.6/1, Error ellipse: s-maj=8.2km s-min=5.2km az=40.4

AUST 14 10:14:28.0, 0.1, 11.42S:117.24E, h72km, Error ellipse: s-maj=1.4km s-min=0.7km az=233.0

DJA 14 10:14:33.9, 0.6, 11.51S:117.7E:1.0, h10km, M4.3/16, mb4.4/4, mb4.6/4, MLV4.2/6, Mw(MB)4.1/2

ISC 14 10:14:28.2, 0.6, 11.53S:0.07:117.9E:0.06, h26km, n27, c1874/29, South of Sumbawa

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

ISC 14 10:14:24.9, 2.0, 11.53S:117.07E, h0km, mb3.3/2, mb1 3.7/5, mb1mx3.5/33, mbtmp3.6/5, ML3.7/3, MS2.1/1, Ms1 2.1/1, ms1mx1.9/12, Error ellipse: s-maj=71.1km s-min=24.1km az=42.0

ISCJTB 14 10:14:26.0, 0.1, 11.69S:0.05:117.11E:0.05, h26km, mb3.6/1, Error ellipse: s-maj=8.2km s-min=5.2km az=40.4

AUST 14 10:14:28.0, 0.1, 11.42S:117.24E, h72km, Error ellipse: s-maj=1.4km s-min=0.7km az=233.0

DJA 14 10:14:33.9, 0.6, 11.51S:117.7E:1.0, h10km, M4.3/16, mb4.4/4, mb4.6/4, MLV4.2/6, Mw(MB)4.1/2

ISC 14 10:14:28.2, 0.6, 11.53S:0.07:117.9E:0.06, h26km, n27, c1874/29, South of Sumbawa

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

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

ISC 14 10:17:53.3, 2.7, 13.19N:88.35W, h96km, 28km, mb3.5/7, mb1 3.8/8, mb1mx3.6/27, mbtmp3.9/8, MS3.5/1, Ms1 3.5/1, ms1mx2.6/21, Error ellipse: s-maj=43.7km s-min=18.5km az=62.0

ISC 14 10:17:50.9, 0.9, 13.22N:0.2:88.5W:0.2, h67km, n11, c1936/15, mb3.7/7, El Salvador

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

ISC 14 10:21:23.4, 3.5, 7.40S:120.10E, h95km, 33km, mb3.3/2, mb1 3.2/5, mb1mx3.1/34, mbtmp3.4/5, Error ellipse: s-maj=100.7km s-min=14.4km az=65.0

DJA 14 10:21:24.6, 0.3, 4.2S:12.2E:1.1, h10km, M2.8/9, MLV2.8/9, ISC 14 10:21:16.7, 1.1, 5.22S:0.07:122.68E:0.08, h35km, n11, c261/9, Sulawesi

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

ISCJTB 14 10:30:08.0, 5.0, 43.04N:0.02:18.74E:0.03, h9km, 3km, Error ellipse: s-maj=3.7km s-min=2.4km az=17.7

CSEM 14 10:30:08.7, 0.1, 43.04N:18.76E, h2km, ML3.0, Error ellipse: s-maj=3.4km s-min=2.5km az=100.0

PDG 14 10:30:09.0, 5.0, 43.00N:18.76E, h7km, MD3.1/8, ML3.0/10, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

BE0 14 10:30:09.6, 0.3, 42.95N:18.80E, h13km, 4km, ML2.8/8

ISC 14 10:30:09.3, 0.9, 43.02N:0.02:18.74E:0.02, h9km, 7km, n73, c0871/21, 23C-15Z, Northwestern Balkan Peninsula

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ULC, Ulcinj, IVAS, Ivanjica, DIVS, Divibare, etc.

CSEM 14 10:39:25.5, 39.49N, 29.80W, h10km, ML3.2, After PDA
PDA 14 10:39:25.5, 39.49N, 29.80W, h10km, MD3.6, ML3.2,
Error ellipse: s-maj=8.8km s-min=2.5km az=24.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H07S1, PCED, CALA, CALA, CALA, HOR, etc.

IDC 14 10:56:25.1, 3.39, 12N, 30.50W, h0km, mb3.5/7,
mb1 3.6/7, mb1mx3.4/67, mbtmp3.5/7, MS3.1/6, M5.1 3.1/6,
ms1mx2.9/33, Error ellipse: s-maj=41.8km s-min=26.5km
az=7.0

ISCJB 14 10:56:27.1, 2.6, 39.30N, 0.09, 29.83W, 0.06, h10km, 18km,
mb3.7/5, MS3.0/5, Error ellipse: s-maj=15.9km
s-min=4.4km az=26.3

CSEM 14 10:56:30.1, 39.57N, 29.75W, h10km, ML3.2, After PDA
PDA 14 10:56:30.1, 39.57N, 29.75W, h10km, MD3.7, ML3.2,
Error ellipse: s-maj=10.6km s-min=3.9km az=24.0

ISC 14 10:56:27.2, 2.5, 39.29N, 0.2, 29.90W, 0.09, h10km, 19km,
n29, c1569/31, mb3.7/5, MS3.0/6, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H07S1, H07N1, PCED, CALA, CALA, CALA, HOR, etc.

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

ISCJB 14 11:07:15.2, 0.5, 43.03N, 0.02, 18.73E, 0.04, h6km, 9km,
Error ellipse: s-maj=4.8km s-min=3.1km az=32.4
PDG 14 11:07:15.3, 0.2, 43.03N, 18.74E, h11km, 2km, MD2.5/3,
ML2.4/11, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

CSEM 14 11:07:15.6, 0.2, 43.01N, 18.77E, h2km, ML2.4, Error
ellipse: s-maj=4.6km s-min=3.2km az=11.0
BEO 14 11:07:16.4, 0.9, 42.93N, 0.1, 18.81E, h13km, ML2.3/6

ISC 14 11:07:16.4, 0.9, 42.93N, 0.02, 18.76E, 0.02, h8km, 6km,
n45, c09277, 16C-9D, Northwestern Balkan Peninsula

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

IDC 14 11:37:36.6, 2.6, 6.19S, 150.44E, h0km, mb3.9/4,
mb1 4.1/5, mb1mx3.7/38, mbtmp4.0/5, ML1.6/11, MS2.4/1,
ms1 2.4/1, ms1mx2.1/28, Error ellipse: s-maj=64.3km
s-min=40.1km az=114.0, New Britain region

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

ISCJB 14 12:00:44.8, 0.5, 19.87S, 0.03, 69.4W, 0.1, h18km, 5km,
mb3.8/3, Error ellipse: s-maj=19.3km s-min=5.5km
GUC 14 12:00:45.3, 0.6, 19.87S, 69.23W, h9km, 5km, ML4.2
IDC 14 12:00:46.2, 0.1, 19.88S, 69.91W, h120km, 15km, ML3.5/4,
mb1 3.7/7, mb1mx3.28, mbtmp4.0/7, Error ellipse:
s-maj=30.8km s-min=13.6km az=101.0

ISC 14 12:00:44.5, 0.7, 19.85S, 0.04, 69.19W, 0.08, h103km, 7km,
n24, c138/28, mb3.9/3, 5C-1D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB11, PB11, PB11, HMBC, HMBC, HMBC, etc.

GUC 14 11:20:04.6, 0.4, 23.72S, 67.24W, h244km, 16km, ML4.5,
Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC, PB04, PB04, PB10, etc.

ISCJB 14 11:25:56.0, 0.5, 42.91N, 0.03, 18.53E, 0.04, h19km, 5km,
Error ellipse: s-maj=5.3km s-min=4.5km az=11.6
BEO 14 11:25:55.9, 0.4, 42.97N, 18.58E, h2km, 5km, ML2.6/6
PDG 14 11:25:56.2, 0.2, 42.98N, 18.61E, h18km, MD2.6/5,
ML2.5/11, Error ellipse: s-maj=0.3km s-min=0.6km az=0.0
CSEM 14 11:25:56.0, 0.2, 42.87N, 18.59E, h20km, ML2.5, Error

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

IDC 14 11:37:36.6, 2.6, 6.19S, 150.44E, h0km, mb3.9/4,
mb1 4.1/5, mb1mx3.7/38, mbtmp4.0/5, ML1.6/11, MS2.4/1,
ms1 2.4/1, ms1mx2.1/28, Error ellipse: s-maj=64.3km
s-min=40.1km az=114.0, New Britain region

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

ISCJB 14 12:00:44.8, 0.5, 19.87S, 0.03, 69.4W, 0.1, h18km, 5km,
mb3.8/3, Error ellipse: s-maj=19.3km s-min=5.5km
GUC 14 12:00:45.3, 0.6, 19.87S, 69.23W, h9km, 5km, ML4.2
IDC 14 12:00:46.2, 0.1, 19.88S, 69.91W, h120km, 15km, ML3.5/4,
mb1 3.7/7, mb1mx3.28, mbtmp4.0/7, Error ellipse:
s-maj=30.8km s-min=13.6km az=101.0

ISC 14 12:00:44.5, 0.7, 19.85S, 0.04, 69.19W, 0.08, h103km, 7km,
n24, c138/28, mb3.9/3, 5C-1D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB11, PB11, PB11, HMBC, HMBC, HMBC, etc.

GUC 14 11:20:04.6, 0.4, 23.72S, 67.24W, h244km, 16km, ML4.5,
Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC, PB04, PB04, PB10, etc.

ISCJB 14 11:25:56.0, 0.5, 42.91N, 0.03, 18.53E, 0.04, h19km, 5km,
Error ellipse: s-maj=5.3km s-min=4.5km az=11.6
BEO 14 11:25:55.9, 0.4, 42.97N, 18.58E, h2km, 5km, ML2.6/6
PDG 14 11:25:56.2, 0.2, 42.98N, 18.61E, h18km, MD2.6/5,
ML2.5/11, Error ellipse: s-maj=0.3km s-min=0.6km az=0.0
CSEM 14 11:25:56.0, 0.2, 42.87N, 18.59E, h20km, ML2.5, Error

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CPUP, PLCA, ULM, TORO, TORI, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, WRA, SONM.

PDG 14 12:03:01.9, 0.3, 43.03N:18.74E, h10km, 2km, MD2.6/4, ML2.5/1.1, Error ellipse: s-maj=0.6km s-min=0.8km az=0.0

CSEM 14 12:03:01.9, 0.2, 43.03N:18.73E, h2km, ML2.5, Error ellipse: s-maj=3.3km s-min=2.3km az=110.0

BE0 14 12:03:02.6, 0.3, 43.00N:18.70E, h9km, 3km, ML2.3/1, ISC 14 12:03:02.0, 0.9, 43.02N:0.02, 18.74E, 0.02, h8km, 8km, n45, c0563/73, 6C-15D, Northwestern Balkan Peninsula

Main station list table for the first section, including Bratogost, Niksic, Trebinje, Cevo, Plijevija, Herceg Novi, Podgorica, Brajici-Budva, Sjenica, etc.

MAN 14 12:06:14, 15.74N:120.16E, h23km, mb4.3, ML3.1, MS2.9, ID, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SCZP, BOLP, PCPH, BALP, CAUP.

ISCJB 14 12:06:53.5, 0.5, 43.05N:0.02, 18.71E:0.04, h11km, 6km, Error ellipse: s-maj=5.3km s-min=3.3km az=31.0

PDG 14 12:06:54.2, 0.1, 43.03N:18.73E, h10km, 1km, MD2.2/1, ML2.2, Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

BE0 14 12:06:54.0, 0.4, 43.01N:18.67E, h18km, 4km, ML1.7/8, CSEM 14 12:06:54.0, 0.2, 43.03N:18.72E, h12km, 2km, ML2.1, Error ellipse: s-maj=4.5km s-min=2.8km az=118.0

Main station list table for the second section, including Bratogost, Niksic, Trebinje, Cevo.

Main station list table for the third section, including Plijevija, Herceg Novi, Podgorica, Brajici-Budva, Sjenica, etc.

BU0 14 12:08:26.8, 0.5, 45.95N:22.84E, h12km, 4km, MD2.4/3, 6C-4D, Error ellipse: s-maj=5.9km s-min=4.8km

Main station list table for the fourth section, including Deva, Gura Zlata, Lotru, Sira, etc.

ISCJB 14 12:10:47.3, 0.5, 64.00N:0.02, 28.04E:0.09, h0km, Error ellipse: s-maj=5.8km s-min=2.9km az=20.8

ISC 14 12:10:51.5, 2.0, 63.92N:28.85E, h0km, mb1.3/1.4, mb1mx2.9/42, mbtmp3.0/4, ML2.1/4, Error ellipse: s-maj=33.1km s-min=10.2km az=101.0

HEL 14 12:10:51.5, 0.0, 64.00N:28.09E, h0km, ML1.7, Explosion CSEM 14 12:10:51.5, 64.00N:28.09E, h0km, ML1.7, Mining explosion. After HEL

ISC 14 12:10:51.0, 0.9, 63.99N:0.03, 27.96E:0.04, h0km, n27, 1544/42, Finland

Main station list table for the fifth section, including Oulu, Sumiainen, Keuruu, Joensuu, Maaselka, Kangasniemi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for I31KZ, I46RU, I34MN.

CSEM 14 12:26:59.4, 0.4, 38.33N:37.71E, h1km, MD2.8, Error ellipse: s-maj=10.1km s-min=8.5km az=137.0, Mining explosion.

ISCJB 14 12:27:00.4, 0.5, 38.38N:0.03, 37.75E:0.04, h0km, Error ellipse: s-maj=4.8km s-min=3.9km az=35.5

ISK 14 12:27:00.0, 0.3, 38.37N:37.76E, h9km, MD2.8 DDA 14 12:27:00.4, 0.3, 38.38N:37.69E, h7km, MD2.9 ISC 14 12:27:00.2, 0.8, 38.40N:0.02, 37.73E:0.03, h0km, n28, r154/40, Turkey

Main station list table for the sixth section, including DARE, ELZG, GZT, KMRS, CUAL, etc.

WEL 14 12:32:09.9, 0.5, 36.58S:177.72E, h5km, ML2.6/4, Error ellipse: s-maj=3.3km s-min=2.4km az=0.0, Off east coast of North Island

Main station list table for the seventh section, including MXZ, HAZ, PKGZ, WMGZ, etc.

ISC 14 12:48:56.3, 2.2, 5.04S:145.95E, h0km, mb3.1/2, mb1.3/4, mb1mx3.2/42, mbtmp3.1/3, ML3.1/1, Error ellipse: s-maj=291.9km s-min=30.9km az=120.0, Eastern New Guinea region

Main station list table for the eighth section, including WRA, ASAR, ILAR.

NEIC 14 12:57:13.3, 36.27S:177.75E, h210km, MG4.0(WEL), After WEL.

WEL 14 12:57:15.1, 0.4, 36.33S:177.60E, h193km, 3km, ML3.9/16, 4C-6D, Error ellipse: s-maj=5.5km s-min=4.5km az=90.0, Off east coast of North Island

Main station list table for the ninth section, including MXZ, WMGZ, RAGZ, etc.

14d 13h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists various stations like MCHZ, KWHZ, CKHZ, etc.

IDC 14 13:03:12.6:0.0, 56.40S:25.45W, h0km, mb4.4/0, mb1 4.3/1, mb1mx4.2/19, mbtmp4.3/11, ML3.5/1, MS3.8/6, Ms1 3.7/6, ms1mx3.4/23, Error ellipse: s-maj=20.0km s-min=16.3km az=70.0

AWI 14 13:03:14.0:0.56:42S:25.41W ISCJB 14 13:03:15.1:0.4, 56.47S:0.07:25.5W:0.1, h2km, mb4.6/17, MS3.8/6, Error ellipse: s-maj=12.7km s-min=7.8km az=141.8

NEIC 14 13:03:16.4:3.1, 56.49S:25.47W, h2km, mb4.9/8, Error ellipse: s-maj=12.0km s-min=7.7km az=218.0 BUI 14 13:03:17.6:56:60S:25.60W, h3km, mb5.2/26, Ms5.3/3, Ms7.4/34

ISC 14 13:03:16.9:0.4, 56.45AS:0.09:25.45W:0.0, h2km, n60, s1544/57, mb4.6/17, MS3.8/6, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in the South Sandwich Islands region like HOPE, VNA1, SNA1, etc.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations like PDAR, NVAR, CMAR, KSH, etc.

ISCJB 14 13:04:41.9:0.3, 60.07N:0.03:152.82W:0.06, h139km, mb3.4/1, Error ellipse: s-maj=5.6km s-min=3.9km az=32.0

IDC 14 13:04:42.6:1.9, 60.11N:153.04W, h92km, mb3.2/1, s-maj 3.6/6, mb1mx3.2/40, mbtmp3.7/6, Error ellipse: s-maj=33.1km s-min=15.4km az=114.0

NEIC 14 13:04:44.1, 60.07N:152.85W, h122km, MG3.2(AEIC), After AEIC. ISC 14 13:04:43.4:0.1, 60.09N:0.04:152.85W:0.04, h126km, n78, s1019/90, Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in Southern Alaska like IVE, RSO, REF, etc.

592

DLBC Dease Lake 11.78 88 P Pn 13 07 29.9 +2.6 YKA Yellowknife Ar 18.94 66 P Pn 13 08 49.6 +0.4 SONM Songino Array 54.80 306 P P 13 14 02.1 +2.2

CSEM 14 13:12:35.6:39.57N:29.66W, h10km, ML3.1, After PDA PDA 14 13:12:35.6:1.2, 39.57N:29.66W, h10km, MD3.8, ML3.1, Error ellipse: s-maj=12.6km s-min=8.0km az=64.0, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in the Azores Islands like PCED, CALA, ROSA, etc.

NNC 14 13:17:53.8:3.1, 36.70N:70.65E, h126km, 117km, mb2.8, mpv3.5, 6C-1D, Error ellipse: s-maj=53.1km s-min=24.1km az=77.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in the Hindu Kush region like SFK, MNAS, etc.

CSEM 14 13:19:27.9:39.55N:29.51W, h10km, ML2.6, After PDA PDA 14 13:19:27.9:1.3, 39.55N:29.51W, h10km, MD3.6, ML2.6, Error ellipse: s-maj=9.0km s-min=4.5km az=27.0, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in the Azores Islands like PCED, CALA, ROSA, etc.

IDC 14 13:20:18.8:8.4, 1.62S:18.23W, h0km, mb3.7/2, mb1 4.0/4, mb1mx3.6/38, mbtmp4.0/4, ML4.3/2, Error ellipse: s-maj=51.8km s-min=32.1km az=156.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Lists stations in the Central Mid-Atlantic Ridge like H10N2, H10N3, etc.

IDC 14 13:24:18.2:0.9, 5.25N:122.77E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/37, mbtmp3.8/7, MS2.9/5, Ms1 3.0/5, ms1mx2.7/30, Error ellipse: s-maj=60.2km s-min=16.6km

14d 14h

Table with columns: RLS, Riolo of Patr, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS, Riolo of Patr, MAKR Makrakomi, Fth, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BALLY Balya, BARS Barje, TIP Timpagrande, etc.

594

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSCG Pisagua, HMBC Humberstone, PB11 IPOC Station P, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TWD, HWA, TWC, ENT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JTK, LPAZ, BDBF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like COLA, HDA, IL1, etc.

14d 14h

ERM	ERM	33.29	271	PFAKE	LR	LR	14 40 10.0	+8.4
N02D	Trinity Center	33.45	91	P	P		14 40 06.1	+2.9
M04C	Maccoel	33.82	89	P	P		14 40 07.7	+3.9
K05A	Summer Lake	33.58	87	eP	P		14 40 04.3	0.0
WDC	Whiskeytown Da	33.78	91	ePP	P		14 40 07.0	+1.1
WDC	Whiskeytown Da	33.78	91	ePP	P		14 40 06.2	+0.3
F10A	Beach Ranch, E	34.12	79	eP	P		14 40 18.6	+0.7
O03D	Paynes Creek	34.41	91	P	P		14 40 12.2	+0.8
WALA	Waterson Lakes	34.64	73	P	P		14 40 12.5	-0.9
BMO	Blue Mountains	34.64	81	eP	P		14 40 14.3	+0.9
BSMT	Bassco Peak	34.67	75	eP	P		14 40 14.5	+0.7
JO5A	Circle Bar Ran	34.72	84	eP	P		14 40 14.3	+0.2
HABR	Khabarovsk	34.91	287	eP	P		14 40 23.7	-0.9
HABR				e'PP	pP		14 40 27.8	-0.6
HABR				e'SP	SP		14 41 30.9	
HABR				e	S		14 42 46.3	
HABR				eS	S		14 45 43.3	-1.4
HABR				e'SS	S		14 45 59.7	0.0
HABR				eSS	S		14 48 00.2	-0.3
HABR				e	S		14 50 32.0	
HABR	comp=N,36nm,1.1s							
HABR	comp=Z,118nm,1.2s							
HABR	comp=E,85nm,1.1s							
HABR	comp=Z,1,17.0s							
JTMT	Jette	35.02	75	eP	P		14 40 16.5	-0.3
ORV	Oroville	35.04	92	eP	P		14 40 16.4	-0.4
ORV	comp=Z,40nm,1.7s							
ORV	Oroville	35.04	92	eP	P		14 40 16.4	-0.4
ORV	comp=Z,40nm,1.8s							
WVOR	Wild Horse Val	35.13	85	eP	P		14 40 16.9	-0.8
WVOR	comp=Z,140nm,2.1s							
WVOR	Wild Horse Val	35.13	85	eP	P		14 40 16.9	-0.8
WVOR	comp=Z,141nm,2.1s							
SWMT	Swartz Lake	35.31	75	eP	P		14 40 18.9	-0.3
MSO	Missoula	35.67	76	P	P		14 40 22.7	+0.4
MSO	Missoula	35.67	76	eP	P		14 40 21.2	-1.1
AFDM	Forest Hills D	35.73	92	eP	P		14 40 20.3	+0.2
MFID	Camas Ranch	36.30	82	eP	P		14 40 25.6	-2.1
KLR	Kul'dur	36.50	289	iP	P		14 40 27.8	-1.4
RES	Resolute Bay	36.58	25	eP	P		14 40 28.4	-1.1
RES	comp=Z,22nm,1.3s							
RES	Resolute Bay	36.58	25	eP	P		14 40 28.4	-1.1
CMB	Columbia Colle	36.66	93	eP	P		14 40 31.2	+0.5
CMB	comp=Z,13nm,1.1s							
CMB	Columbia Colle	36.66	93	eP	P		14 40 31.2	+0.5
SAO	San Andreas Ge	36.81	95	P	P		14 40 29.2	-2.8
SAO	comp=Z,7.0nm,0.8s							
SAO	San Andreas Ge	36.81	95	P	P		14 40 29.2	-2.8
LRM	Limekiln Ridge	37.07	77	eP	P		14 40 35.0	+0.6
HLID	Hailey	37.09	81	P	P		14 40 33.8	-0.7
HLID	Hailey	37.09	81	eP	P		14 40 34.5	0.0
HLID	comp=Z,59nm,1.8s							
CLNS	Chul'man	37.11	304	eP	P		14 40 28.1	-6.2
CLNS	comp=N,9.0nm,1.5s							
CLNS	Chul'man	37.11	304	eP	P		14 40 28.1	-6.2
CLNS	comp=Z,19nm,1.5s							
CLNS	Chul'man	37.11	304	eP	P		14 40 28.1	-6.2
BMN	Battle Mountai	37.15	87	eP	P		14 40 35.0	0.0
BMN	comp=Z,16nm,1.1s							
BMN	Battle Mountai	37.15	87	eP	P		14 40 35.0	0.0
DLMT	Dillon	37.22	77	T	T		14 40 36.6	+1.0
H11N2	WAKE ISLAND Hy	37.27	219	T	T		15 20 30.0	
H11N3	WAKE ISLAND Hy	37.27	219	T	T		15 20 37.0	
H11N1	WAKE ISLAND Hy	37.28	219	T	T		15 20 49.8	
LRV	Little Rabbit	37.29	95	eP	P		14 40 36.2	+0.1
MCMT	McKenzie Canyo	37.35	78	eP	P		14 40 37.1	+0.3
EGMT	Eagleton	37.56	72	eP	P		14 40 38.7	+0.4
EGMT	comp=Z,67nm,0.8s							
EGMT	Eagleton	37.56	72	eP	P		14 40 38.7	+0.4
EGMT	comp=Z,1,19.0s							
BOZ	Bozeman (W)	37.65	76	eP	P		14 40 39.2	0.0
BOZ	comp=Z,33nm,1.3s							
BOZ	Bozeman (W)	37.65	76	P	P		14 40 39.1	-0.1
BOZ	Bozeman (W)	37.65	76	eP	P		14 40 39.2	0.0
BOZ	comp=Z,33nm,1.4s							
NV01	Mina Array Sit	37.69	91	eP	P		14 40 39.4	-0.3
NV01	comp=Z,1.4nm,0.7s,baz=302,slow=8.2,SNR=6.6						14 46 41.5	+0.2
NVAR	Mina Array Bea	37.69	91	P	P		14 40 40.2	+0.5
NVAR	comp=Z,1.0nm,0.9s,baz=259,slow=1.5,SNR=3.8						14 46 39.9	-1.3
NVAR	Mina Array Bea	37.69	91	P	P		14 40 40.2	+0.5
NVAR	comp=Z,589nm,20.0s,baz=305,slow=31						14 40 44.0	+0.2
ELK	Elko	38.18	85	eP	P		14 40 44.0	+0.2
ELK	comp=Z,9.0nm,0.9s							
ELK	Elko	38.18	85	eP	P		14 40 44.0	+0.2
QLMT	Earthquake Lak	38.20	77	eP	P		14 40 44.4	+0.5
MITUM	Tungsten Hills	38.21	92	eP	P		14 40 44.4	+0.3
H11S1	WAKE ISLAND Hy	38.45	218	T	T		15 22 16.8	
H11S2	WAKE ISLAND Hy	38.47	218	T	T		15 21 51.8	
H11S3	WAKE ISLAND Hy	38.47	218	T	T		15 22 01.9	
YMR	Madison River	38.57	77	eP	P		14 40 47.5	+0.5
YNR	Norris Junctio	38.72	77	eP	P		14 40 48.9	+0.6
YML	Nary Lake	38.80	77	eP	P		14 40 53.8	+4.8
FFC	Flin Flon	38.86	59	eP	P		14 40 48.9	-0.1
FFC	comp=Z,110nm,2.1s							
FFC	Flin Flon	38.86	59	eP	P		14 40 47.9	-1.2
FFC	comp=Z,114nm,2.1s							
VES	Vestal, Richgr	38.86	95	P	P		14 40 48.0	-1.3
USRK	Ussuriysk Ar.	38.91	282	P	P		14 40 48.9	-0.6
USRK	comp=Z,6.4nm,0.8s,baz=47,slow=5.3,SNR=9.7						14 43 00.5	+0.7
USRK	Ussuriysk Ar.	38.91	282	P	P		14 40 48.9	-0.6
USRK	comp=Z,5.6nm,0.9s,baz=104,slow=2.8,SNR=4.3						14 46 05.2	
USRK	Grant Village	38.95	77	P	P		14 40 51.6	+1.3
H17A	Grant Village	38.95	77	eP	P		14 40 52.2	+2.0
LKWY	Lake	38.97	77	PFAKE	LR		14 41 00.0	+1.0
LKWY	comp=Z,1,19.0s							
PKM	Peak Mountain	39.03	96	P	P		14 40 50.6	-0.3

2010 DEC

HVU	Hansel Valley	39.09	82	eP	P		14 40 52.4	+1.1
HVU	comp=Z,15nm,0.9s							
HVC	Hansel Valley	39.09	82	eP	P		14 40 52.4	+1.1
HVC	comp=Z,5nm,3.9s							
CWU	Cottonwood Cre	39.09	93	P	P		14 40 55.3	+3.9
GRAC	Grapevine Rang	39.17	92	P	P		14 40 53.8	+1.9
MOOW	Moore Ponds	39.21	78	eP	P		14 41 01.9	+0.3
RLMT	Red Lodge	39.34	76	eP	P		14 40 53.9	+0.4
RLMT	comp=Z,27nm,0.9s							
ISA	Isabella	39.35	94	eP	P		14 40 53.8	+0.3
ISA	comp=Z,79nm,2.1s							
ISA	Isabella	39.35	94	P	P		14 40 51.0	-2.5
ISA	comp=Z,79nm,2.1s							
ISA	Isabella	39.35	94	eP	P		14 40 53.8	+0.3
REDW	Red Top Meadow	39.36	79	eP	P		14 40 54.6	+1.0
REDW	comp=Z,24nm,1.1s							
LOHW	Long Hollow	39.37	78	eP	P		14 40 55.1	+1.4
R11A	Troy Canyon, C	39.42	89	P	P		14 40 54.1	-0.1
R11A	comp=Z,9.1nm,0.9s							
R11A	Troy Canyon, C	39.42	89	P	P		14 40 54.7	+0.6
R11A	comp=Z,23nm,1.3s							
BGU	Big Grassy Mou	39.43	84	eP	P		14 40 54.3	+0.1
AHID	Auburn Hatcher	39.54	80	eP	P		14 40 55.6	+0.4
AHID	comp=Z,119nm,2.1s							
AHID	Auburn Hatcher	39.54	80	eP	P		14 40 55.6	+0.4
AHID	comp=Z,1,19.0s							
MAJO	Matsushiro	39.66	268	eP	P		14 40 55.8	-0.2
MAJO	comp=Z,64nm,1.2s							
MAJO	Matsushiro	39.66	268	eP	P		14 40 55.8	-0.2
MAJO	comp=Z,64nm,1.2s							
MAJO	Matsushiro	39.66	268	eP	P		14 40 55.8	-0.2
MAJO	comp=Z,1,19.0s							
MAJ	Matsushiro	39.66	268	P	P		14 40 55.9	0.0
MAT	Matsushiro	39.66	268	eS	S		14 46 56.4	-0.7
MJAR	Matsushiro Arr	39.66	268	P	P		14 40 55.9	-0.1
MJAR	comp=Z,5.3nm,0.8s,baz=46,slow=8.0,SNR=13						14 43 03.0	+0.7
MJAR	Matsushiro Arr	39.66	268	P	P		14 40 55.9	-0.1
MJAR	comp=Z,6.9nm,1.0s,baz=31,slow=4.0,SNR=5.9						14 56 59.9	
RCWM	Renegade Canyo	39.67	93	eP	P		14 40 59.7	+3.6
RCWM	comp=Z,20nm,1.0s						14 41 09.7	+4.4
RCWM	Renegade Canyo	39.67	93	eP	P		14 42 29.7	-0.9
RCWM	comp=Z,18nm,1.0s						14 46 50.0	+1.3
RCWM	Renegade Canyo	39.67	93	eP	P		14 41 00.0	-1.4
RCWM	comp=Z,18nm,1.0s						14 40 58.2	+

S22A	4UR Ranch, Cre	45.17	83	P	P	14 41 40.2	-0.9
S22A	4UR Ranch, Cre	45.17	83	eP	P	14 41 43.1	+2.0
CIT	Chita	45.19	302	e	P	14 41 39.5	-1.3
E31A	Nome	45.19	67	P	P	14 41 38.9	-1.9
KSCWO	Cheowon	45.24	278	P	P	14 41 42.2	+0.8
A33A	Warroad	45.26	63	P	P	14 41 41.0	-0.2
I29A	Vivian Onida	45.26	72	P	P	14 41 39.5	-1.9
G30A	Faulton	45.29	70	P	P	14 41 40.8	-0.8
SNY	Shenyang	45.31	285	LP	P	14 41 42.5	+0.7
SNY	comp-Z,65nm,1.6s				PMZ		
SNY	comp-Z,610nm,3.5s				PMZ		
SNY	comp-Z,930nm,21.6s				LE		
SNY	comp-Z,900nm,22.8s				LZ		
214A	Organ Pipe Nat	45.33	94	P	P	14 41 42.5	+0.5
214A	Organ Pipe Nat	45.33	94	eP	P	14 41 41.9	-0.1
AGMN	Agassiz Nation	45.35	64	P	P	14 41 41.7	-0.3
AGMN	Agassiz Nation	45.35	64	eP	P	14 41 41.9	-0.1
AGMN	comp-Z,37nm,1.1s				LR	LR	
KSR5	Korea Array	45.40	277	P	P	14 41 43.4	+0.9
KSR5	comp-Z,33nm,0.8s,baz=56,slo=7.6,SNR=55				LR	LR	14 59 59.8
KS01	Wonju Array Si	45.40	277	eP	P	14 41 42.3	-0.2
K28A	Ten Mile Ranch	45.41	74	P	P	14 41 42.9	+0.3
KSAR	Wonju Array Be	45.43	277	P	P	14 41 43.4	+0.6
KSAR	Wonju Array Be	45.43	277	P	P	14 41 43.4	+0.6
Q24A	Divide	45.43	80	P	P	14 41 43.3	+0.1
B33A	Robert and Kas	45.52	64	P	P	14 41 44.7	+1.3
J29A	Okreek	45.61	72	P	P	14 41 43.9	-0.3
C33A	Trail	45.70	65	P	P	14 41 44.0	-0.8
SUSD	South Dakota S	45.80	70	P	P	14 41 45.9	+0.3
KSICN	Icheon	45.81	277	P	P	14 41 46.6	+0.8
KSMUS	Musan	45.83	278	P	P	14 41 46.9	+1.0
B34A	Aery, Baudette	45.91	63	P	P	14 41 47.8	+1.3
SDCO	Great Sand Dun	45.98	82	P	P	14 41 47.7	+0.2
SDCO	Great Sand Dun	45.98	82	eP	P	14 41 48.2	+0.6
SDCO	comp-Z,39nm,1.5s				LR	LR	
KSSEO	Seoul	45.99	278	P	P	14 41 48.3	+1.1
K29A	Lazy Trails An	46.00	73	P	P	14 41 49.8	+2.5
D33A	AnnSam, Waubun	46.01	66	P	P	14 41 47.5	+0.2
H31A	Wolsey	46.05	70	P	P	14 41 46.9	-0.8
OGNE	Ogallala	46.08	76	P	P	14 41 48.3	+0.3
OGNE	Ogallala	46.08	76	eP	LR	LR	14 41 57.2 -0.1
OGNE	comp-Z,711nm,19.0s				LR	LR	
J30A	Dallas	46.15	72	P	P	14 41 49.8	+1.4
KSCPR	CHUPUNGYEONG	46.16	276	P	P	14 41 49.6	+1.0
INCN	Inchon	46.17	278	eP	P	14 41 49.5	+0.9
INCN	comp-Z,45nm,20.0s				LR	LR	
M28A	Bar X Bar Ranch	46.20	75	P	P	14 41 48.2	-0.8
I31A	Royce, Wessing	46.28	71	P	P	14 41 47.6	-1.9
TUC	Tucson	46.33	92	eP	pmx	14 41 50.6	+0.5
TUC	comp-Z,14nm,0.9s				MLR	MLR	
TUC	comp-Z,752nm,19.0s				LR	LR	
TUC	comp-Z,14nm,0.9s				LR	LR	
D34A	Park Rapids	46.41	65	P	P	14 41 49.7	-0.7
JNU	Nakatsue	46.43	270	eP	P	14 41 51.0	+0.2
K30A	Basset	46.47	73	P	P	14 41 52.3	+1.4
B35A	Bob, Littlefor	46.49	63	P	P	14 41 50.5	-0.5
F33A	5 Mile Ranch,	46.51	67	P	P	14 41 51.5	+0.3
J31A	Geddes	46.61	71	P	P	14 41 50.2	-1.9
H32A	Carlson Farm,	46.64	69	P	P	14 41 51.6	-0.7
C35A	Jirik Farms, M	46.73	64	P	P	14 41 51.0	-2.0
O28A	Krutsinger Ran	46.74	77	P	P	14 41 51.4	-1.8
G33A	Ortonville	46.80	68	P	P	14 41 51.6	-1.9
H33A	Prehn Over Nor	46.93	69	P	P	14 41 54.2	-0.3
T25A	Trinidad	47.04	82	P	P	14 41 56.2	+0.4
T25A	Trinidad	47.04	82	eP	P	14 41 56.9	+1.2
D35A	Remer	47.05	65	P	P	14 41 54.9	-0.5
J32A	Parkston	47.08	71	P	P	14 41 57.1	+1.4
F34A	Alexandria	47.12	67	P	P	14 41 54.1	-1.9
E35A	Pequot Lakes	47.16	65	P	P	14 41 55.7	-0.6
ANMO	Albuquerque	47.22	86	eP	pmx	14 41 57.1	0.0
ANMO	comp-Z,8.0nm,1.2s				pmx	pmx	
ANMO	comp-Z,12nm,1.1s				LR	LR	
ANMO	comp-Z,857nm,19.0s				LR	LR	
G34A	Benson	47.23	68	P	P	14 41 57.1	+0.3
KSJEU	Jeongeup	47.28	276	P	P	14 41 57.4	+0.1
O29A	4D Ranch, Culb	47.33	76	P	P	14 42 00.3	+2.5
C36A	Pine Crest Far	47.33	63	P	P	14 41 56.7	-0.9
K32A	Verdige	47.44	72	P	P	14 41 57.7	-0.8
F35A	Swanville	47.47	66	P	P	14 41 55.7	-3.0
D36A	Goodland	47.49	64	P	P	14 41 57.9	-0.9
LPM	Los Pinos Moun	47.53	86	eP	P	14 41 58.5	-1.0
ECSD	EROS Data Cent	47.58	70	P	P	14 41 58.8	-0.8
ECSD	EROS Data Cent	47.58	70	eP	P	14 41 58.4	-1.1
ECSD	comp-Z,2um,20.0s				LR	LR	
BNM	Barren Site	47.64	86	eP	P	14 42 01.8	+1.3
M31A	Lambtechc Ranch	47.65	74	P	P	14 41 56.2	-4.0
C37A	Embarrass	47.70	63	P	P	14 42 00.5	0.0
O30A	MW Ranch, Wils	47.74	76	P	P	14 42 00.2	-0.7

E36A	McGregor	47.82	65	P	P	14 42 01.1	-0.4
R28A	Tribune	47.84	79	P	P	14 42 01.1	-0.7
G35A	Watkins	47.90	67	P	P	14 42 03.4	+1.3
EYMN	Ely	47.95	62	P	P	14 42 02.6	+0.2
EYMN	Ely	47.95	62	eP	P	14 42 02.4	-0.1
EYMN	comp-Z,32nm,1.0s				LR	LR	
N31A	Bailey Ranch,	47.99	74	P	P	14 42 04.3	+1.4
Q29A	Oakley	48.00	78	P	P	14 42 03.3	+0.4
H35A	Sunnyside Ranc	48.02	68	P	P	14 42 02.6	-0.3
P30A	Selden	48.02	76	P	P	14 42 04.6	+1.4
121A	Cookes Peak, D	48.02	89	P	P	14 42 03.3	-0.1
121A	Cookes Peak, D	48.02	89	eP	P	14 42 03.8	+0.4
K33A	Hardington	48.04	71	P	P	14 42 03.5	+0.3
F36A	Milaca	48.06	66	P	P	14 42 04.6	+1.3
L33A	Hoskins	48.15	72	P	P	14 42 04.3	+0.3
O31A	Woolen Ranch,	48.19	75	P	P	14 41 57.2	-7.2
R29A	Marienthal	48.20	78	P	P	14 42 04.9	+0.4
C38A	Sawbill Land.	48.21	62	P	P	14 42 01.3	-3.1
J34A	George	48.23	70	P	P	14 42 03.8	-0.8
S28A	Manter	48.27	80	P	P	14 42 05.5	+0.4
G36A	St. Michael	48.31	66	P	P	14 42 03.3	-1.9
Q30A	Quinter	48.40	77	P	P	14 42 05.3	-0.7
K34A	Le Mars	48.51	71	P	P	14 42 06.0	-0.8
P31A	Stockton	48.56	76	P	P	14 42 06.5	-0.7
M33A	Taylor Creek F	48.56	72	P	P	14 42 07.5	+0.3
H36A	Jessenland, He	48.60	67	P	P	14 42 07.0	-0.4
C39A	Grand Marais	48.77	62	P	P	14 42 08.9	+0.2
CBKS	Cedar Bluff	48.79	77	P	P	14 42 11.6	+2.6
L34A	Svendens Farm,	48.80	71	P	P	14 42 10.4	+1.4
R30A	Dighton	48.81	78	P	P	14 42 10.7	+1.5
SPMN	St. Paul	48.85	66	P	P	14 42 10.7	+1.3
SPMN	St. Paul	48.85	66	eP	P	14 42 08.4	-0.9
I36A	Fitzsimons 1,3s	48.90	68	P	P	14 42 10.0	+0.3
SRIG	Santa Rosalia	48.95	98	eSP	P	14 42 22.4	-0.9
K35A	Storm Lake	48.99	70	P	P	14 42 09.7	-0.8
S30A	Montezuma	49.11	79	P	P	14 42 11.9	+0.4
J36A	Seneca 1, Swea	49.13	69	P	P	14 42 11.8	+0.3
H37A	Dierke Farm, C	49.17	67	P	P	14 42 12.1	+0.3
KBS	Kingsbay	49.17	360	PFAKE	LR	14 42 20.0	+8.6
KBS	comp-Z,1um,19.0s				LR	LR	
L35A	Bielow Farm, R	49.19	71	P	P	14 42 11.2	-0.8
I37A	Lemond, Waseca	49.25	68	P	P	14 42 12.4	-0.1
R31A	Burdett	49.26	77	P	P	14 42 14.1	+1.5
Q33A	Hebron	49.27	74	P	P	14 42 10.9	-1.8
Q32A	Meitler Ranch,	49.38	76	P	P	14 42 11.8	-1.8
K36A	Gilmore City	49.50	70	P	P	14 42 14.6	+0.3
M35A	Neola	49.51	72	P	P	14 42 13.7	-0.7
J37A	Redenius Farm,	49.60	68	P	P	14 42 15.4	+0.3
P33A	Williams Farm,	49.61	75	P	P	14 42 11.3	-4.0
U30A	WK&E Inc. Balk	49.72	80	P	P	14 42 16.6	+0.4
O34A	Beatrice	49.73	73	P	P	14 42 16.5	+0.4
IRK	Irkutsk	49.79	307	eP	pmx	14 42 15.3	-1.2
IRK	comp-Z,135nm,1.2s				pmx	pmx	
Q33A	Cornelly Farm,	49.81	75	P	P	14 42 16.1	-0.7
I38A	Scanlan Farm,	49.84	67	P	P	14 42 17.2	+0.2
SPB5	Spitsbergen Ar	49.88	358	eP	P	14 42 17.4	+0.6
SPA1	Spitsbergen Ar	49.88	358	eP	P	14 42 17.4	+0.6
SPB1	Spitsbergen Ar	49.88	358	eP	P	14 42 17.5	+0.7
SPB4	Spitsbergen Ar	49.88	358	eP	P	14 42 17.5	+0.7
SPA0	Spitsbergen Ar	49.88	358	eP	P	14 42 17.6	+0.8
SPA3	Spitsbergen Ar	49.88	358	eP	P	14 42 17.5	+0.7
SPA2	Spitsbergen Ar	49.88	358	eP	P	14 42 18.0	+1.2
K37A	Belmond	49.88	69	P	P	14 42 17.6	+0.3
N35A	Tabor	49.92	72	P	P	14 42 17.9	+0.3
T31A	Randall Ranch,	49.94	79	P	P	14 42 17.2	-0.6

14d 14h

Table with columns: Call ID, Name, Frequency, Power, Modulation, and other technical details. Includes entries like 1374 Cheneyville 18, TX31 Lajitas Ar. Si, TXAR Lajitas Array, etc.

2010 DEC

Table with columns: Call ID, Name, Frequency, Power, Modulation, and other technical details. Includes entries like SCO Scoresbysund, SCO Scoresbysund, 534A Blanco, etc.

598

Table with columns: Call ID, Name, Frequency, Power, Modulation, and other technical details. Includes entries like BLA Blacksburg, BLA Blackburg, ENH Enshi, etc.

KONO	comp=Z,69nm,1.1s	LR	LR				
TEIG	comp=Z,458nm,21.0s	68.91	84	PFAKE	LR	14 44 40.0	+11
VSU	comp=Z,42nm,22.0s	68.96	351	c	P	14 44 28.8	+0.2
KMI	Kuning	69.29	284	P	P	14 44 32.0	+0.5
KMI	Vasula			pP	pP	14 44 39.3	-1.9
KMI				sP	sP	14 44 43.0	-1.8
KMI				S	S	14 53 33.4	-2.6
KMI				sS	sS	14 53 47.3	-4.7
KMI				SS	SS	14 57 58.8	-3.7
KMI	comp=Z,47nm,1.3s			PMZ			
KMI	comp=Z,330nm,4.1s			LN			
KMI	comp=Z,500nm,19.0s			LE			
KMI	comp=Z,290nm,19.8s			LZ			
QIZ	comp=Z,480nm,17.8s			P	P	14 44 33.3	+0.3
QIZ	Qiongzhong	69.57	275	P	S	14 44 42.9	-3.4
QIZ				sP	sP	14 53 41.0	+2.1
QIZ				S	S	14 53 52.3	-2.6
QIZ	comp=Z,350nm,16.9s			LE			
QIZ	comp=Z,340nm,19.3s			LZ			
QIZ	Qiongzhong	69.57	275	PFAKE	LR	14 44 50.0	+17
TKM2	Tokmak 2	69.92	315	iP	P	14 44 35.4	+0.2
TKM2	comp=Z,77nm,1.4s			P	P	14 44 35.6	+0.5
TKM2	Tokmak 2	69.92	315	P	P	14 44 35.3	+0.2
TKM2	comp=Z,99nm,1.4s			eP	P	14 44 35.3	+0.2
TKM2	comp=Z,1um,19.0s			LR	LR		
USP	Ospenovka	70.12	316	P	P	14 44 36.5	+0.4
MOS	Moscow	70.17	344	eP	P	14 44 35.0	-1.1
MOS	comp=Z,90nm,0.6s			P	P	14 44 37.8	+1.0
ULHL	Ulahof	70.18	314	P	P	14 44 38.0	+1.2
CHMS	Chumysh	70.22	315	P	P	14 44 38.7	+0.5
KBK	Karagaybulak	70.42	315	P	P	14 44 38.0	0.0
FRU	Bishkek	70.42	315	iP	P	14 44 50.0	+2.3
FRU				i+PP	pP	14 45 04.0	
FRU				eS	eS	14 45 39.0	+1.8
FRU	comp=Z,170nm,1.5s			SKSac	P		
MSVF	Monsavu	70.44	193	PFAKE	LR	14 44 50.0	+12
ABKAR	Akkulak array	70.60	328	eP	P	14 44 38.9	0.0
AAK	Ala-Archa	70.63	315	iP	P	14 44 39.9	+0.4
AAK	comp=Z,158nm,0.8s			P	P	14 44 40.2	+0.7
AAK	Ala-Archa	70.63	315	P	P	14 44 41.3	
AAK	Ala-Archa	70.63	315	mb	P	14 44 40.3	+0.9
AAK	Ala-Archa	70.63	315	P	P	14 44 39.8	+0.4
AAK	Ala-Archa	70.63	315	eP	P	14 44 39.8	+0.4
AAK	comp=Z,59nm,0.8s			LR	LR		
KZA	Kyzart	70.75	315	P	P	14 44 40.8	+0.3
EKS2	Erkin-Say	70.92	316	eP	P	14 44 41.3	+0.2
EKS2	comp=Z,49nm,0.8s			MLR	MLR		
EKS2	Erkin-Say	70.92	316	P	P	14 44 41.3	+0.2
EKS2	Erkin-Say	70.92	316	eP	P	14 44 41.3	+0.2
EKS2	comp=Z,577nm,20.0s			LR	LR		
OBN	Obninsk	70.94	345	iP	P	14 44 40.4	-0.4
OBN	comp=Z,81nm,1.2s			i+PP	pP	14 44 52.3	+1.8
OBN				e	e	14 54 01.0	
OBN				e	e	14 54 42.4	
OBN	comp=Z,426nm,19.0s			PMZ	MLR		
OBN	Obninsk	70.94	345	PFAKE	LR	14 44 50.0	+9.2
UCH	Uchtor	70.95	315	P	P	14 44 43.0	+1.3
AML	Almayashu	71.38	316	P	P	14 44 44.9	+0.6
SLVN	Son La	71.44	281	eP	P	14 44 44.8	+0.3
PPT	Papeete	71.55	160	LR	LR	15 07 52.6	
PPT2	Papeete2	71.57	160	eS	S	14 53 58.5	-3.5
PPT2	comp=Z,937nm,24.8s			LR	LR	15 06 16.9	
MNAS	Manas	71.60	317	iP	P	14 44 46.4	+1.1
PMG	Port Moresby	71.72	226	P	P	14 44 46.1	+0.1
PMG	Port Moresby	71.72	226	iP	P	14 44 45.8	-0.2
PMG	Port Moresby	71.72	226	iP	P	14 44 45.9	-0.2
PMG	Port Moresby	71.72	226	eP	LR	14 44 45.9	-0.2
MUD	Monsted U'grnd	71.75	1	P	P	14 44 45.9	+0.2
MUD	comp=Z,72nm,1.3s			iP	P	14 44 45.9	+0.2
KKAR	Karatay Array	71.93	318	eP	P	14 44 47.3	+0.2
KKAR	Karatay Array	71.93	318	eP	P	14 44 47.3	+0.2
EKA	Eskdalemuir Ar	72.27	8	P	P	14 44 49.8	+0.9
ESK	Eskdalemuir	72.28	8	iP	P	14 44 50.9	+1.9
ESK	Eskdalemuir	72.28	8	eP	P	14 44 50.1	+1.2
ESK	comp=Z,97nm,1.5s			LR	LR		
SWI	Sorong	72.39	244	P	P	14 44 50.4	+0.3
NACGM	Naroch	72.46	350	e	LQ	14 44 48.0	-2.0
NACGM	comp=Z,80nm,1.0s,comp=Z,763nm			eL	LQ	15 14 12.0	
NACGM				LR	LR	15 23 36.0	
KSH	Kashi	72.50	312	iP	P	14 44 54.8	+4.1
KSH				pP	pP	14 45 08.8	+3.4
KSH				sP	sP	14 47 36.1	+4.6
KSH				S	S	14 54 14.1	+1.4
KSH				sS	sS	14 54 32.1	+3.4
KSH				SKKSac	SS	14 54 53.8	+0.5
KSH				SS	SS	14 58 56.1	+5.4
KSH	comp=Z,510nm,7.3s			LE			
KSH	comp=Z,560nm,11.1s			LZ			
LSA	Lhasa	72.51	296	P	P	14 44 52.6	+1.3
LSA	comp=Z,50nm,1.5s			PMZ			
LSA	Lhasa	72.51	296	eP	P	14 44 52.4	+1.0
LSA	comp=Z,126nm,1.1s			P	P	14 44 52.4	+1.0
LSA	comp=Z,512nm,20.0s			MLR	MLR		
LSA	Lhasa	72.51	296	eP	P	14 44 52.4	+1.0

LSA	comp=Z,126nm,1.1s	LR	LR				
LPSR	comp=Z,512nm,20.0s	72.93	342	eP	P	14 44 52.5	-0.3
LPSR	Galich ya Gora			P	P		
LPSR	comp=N,10.0nm,1.1s			P	P		
LPSR	comp=Z,30nm,1.1s			P	P		
LPSR	comp=E,10.0nm,1.2s			P	P	14 44 56.6	-0.4
FAKI	Fak Fak	73.55	242	eP	P	14 44 56.8	-0.4
SUW	Suwaki	73.68	352	eP	P	14 44 56.8	-0.4
SUW	Suwaki	73.68	352	eP	P	14 44 56.8	-0.4
VRH	Novokhoporsk	73.71	340	eP	P	14 44 57.4	0.0
VRH	comp=Z,30nm,0.7s			P	P		
VRH	comp=N,40nm,1.1s			P	P		
VRH	comp=E,20nm,1.0s			P	P		
VSR	Storzhevoye	74.21	342	eP	P	14 45 00.5	+0.1
VSR	comp=Z,30nm,0.6s			P	P		
VSR	comp=N,20nm,0.8s			P	P		
VSR	comp=E,10.0nm,1.1s			P	P		
BSEG	Bad Segeberg	74.28	0	eP	P	14 45 01.6	+0.9
NONG	Nongkai	74.39	279	P	P	14 45 02.5	+0.6
CRAI	Chiangrai	74.41	283	P	P	14 44 55.5	-6.6
VORD	Divnogorie	74.42	342	eP	P	14 45 01.6	0.0
VORD	comp=E,20nm,0.6s			P	P		
VORD	comp=Z,30nm,0.6s			P	P		
VORD	comp=N,40nm,0.7s			P	P	14 45 04.1	+0.3
SKNT	Sakolnakorn	74.72	278	P	P	14 45 04.3	+0.6
GKP	Gorka Klasztor	74.80	356	eP	P	14 45 05.2	+1.4
GKP	Gorka Klasztor	74.80	356	eP	P	14 45 05.2	+1.4
VAL	Valentia	74.80	13	eP	P	14 45 05.2	+1.4
MYLDM	Lahad Datu	74.96	259	eP	P	14 45 06.7	+1.5
CFW	Charnwood Fore	75.00	9	eP	P	14 45 06.7	+1.6
UBPT	Khong Chiam	75.11	276	P	P	14 45 06.7	+0.6
SHL	Shillong	75.29	293	eP	P	14 45 08.2	+0.9
CMAI	Chiangmai	75.44	284	P	P	14 45 08.8	+0.6
KKM	Kota Kinabalu	75.67	21	PFAKE	LR	14 45 20.0	+11
NRDL	Niedersach Rie	75.72	0	eP	P	14 45 09.7	+0.8
PHRA	Phrae	75.83	282	P	P	14 45 10.8	+0.6
IBBN	Ibbenburen	75.88	2	eP	P	14 45 10.8	+0.9
GTOI	Gorontalo	75.89	252	P	P	14 45 10.8	+0.2
KHON	Khonkaen	75.91	278	P	P	14 45 11.8	+1.1
LOEI	Loei	75.96	280	P	P	14 45 09.3	-1.7
BEL	Belsk	76.03	353	eP	P	14 45 11.8	+1.0
BEL	Belsk	76.03	353	eP	P	14 45 11.8	+1.0
WTSB	Winterswijk	76.20	2	eP	P	14 45 11.6	-0.2
UTTA	Uttaradit	76.21	281	P	P	14 45 24.1	+0.4
TAPN	Taplejung	76.24	297	eP	P	14 45 13.1	+0.7
AKASG	Malin Array Be	76.31	348	P	P	14 45 12.9	+0.1
AKASG	comp=Z,15nm,0.7s,baz=15,slow=6.0,SNR=65			LR	LR	15 23 17.0	
AKASG	Malin Array Be	76.31	348	iP	P	14 45 12.1	-0.3
KIEV	Kiev	76.32	348	eP	P	14 45 11.4	-1.1
KIEV	comp=Z,31nm,0.9s			P	P		
KIEV	comp=Z,503nm,20.0s			MLR	MLR		
KIEV	Kiev	76.32	348	eP	P	14 45 11.3	-1.1
KIEV	comp=Z,31nm,0.9s			LR	LR		
AK11	Malin Array Si	76.34	348	eP	P	14 45 12.2	-0.4
CHTO	Chiang Mai	76.36	283	P	P	14 45 13.4	+0.2
CHTO	Chiang Mai	76.36	283	eP	P	14 45 12.7	-0.5
CHTO	comp=Z,70nm,1.6s			MLR	MLR		
CHTO	Chiang Mai	76.36	283	P	P	14 45 13.5	+0.3
CHTO	Chiang Mai	76.36	283	mb	P	14 45 28.3	
CHTO	Chiang Mai	76.36	283	eP	P	14 45 12.7	-0.5
CLZ	Clausthal	76.38	0	eP	P	14 45 13.9	+1.1
CMAR	Chiang Mai Arr	76.63	283	P	P	14 45 14.9	+0.1
CMAR	comp=Z,12nm,0.9s,baz=26,slow=6.0,SNR=88			LR	LR	15 23 48.5	
CMAR	Chiang Mai Arr	76.63	283	iP	P	14 45 15.6	+0.8
CMAR	comp=Z,12nm,0.9s			P	P	14 45 15.2	+0.3
MRSI	Maris	76.65	253	P	P	14 45 14.3	-0.6
CM01	Chiang Mai Arr	76.65	283	eP	P	14 45 15.4	+0.9
GTGG	Gvttingen	76.67	0	eP	P	14 45 15.4	+0.9
BUG	Buchum-Univer	76.74	2	eP	P	14 45 16.2	+0.7
CHAI	Chaiyaphum	76.76	279	P	P	14 45 16.2	+0.7
GUN	Gumba	76.80	298	eP	P	14 45 16.2	+0.2
ODAN	Odare	76.80	297	eP	P	14 45 15.8	-0.1
JIRN	Jiri	76.82	298	eP	P	14 45 16.6	+0.4
PBKT	Sadao Pong	76.86	280	P	P	14 45 16.4	+0.3
DZM	Mont Dzumac	76.86	203	eP	P	14 45 18.0	+2.1
DZM	comp=Z,47nm,1.6s			LR	LR	15 08 57.4	
DZM	Mont Dzumac	76.86	203	P	P	14 45 16.8	+0.9
CLL	Colim	76.89	358	iP	P	14 45 16.6	+0.9
CLL	comp=Z,9.1nm,1.0s,baz=12,slow=9.3,SNR=4.6			P	P	14 45 20.5	
CLL	Colim	76.89	358	iP	P	14 45 20.5	
CLL	comp=Z,27nm,1.1s			P	P	14 45 28.2	-0.9
CLL	comp=Z,400nm,18.4s			MLR	MLR		
CLL	Colim	76.89	358	eP	P	14 45 16.1	+0.4
CLL	comp=Z,27nm,1.1s,baz=0.6,slow=5.7			P	P	14 45 16.6	+0.9
CLL	comp=Z,27nm,1.1s			i	i	14 45 20.5	
CLL	comp=Z,29nm,1.1s			iS	sP	14 45 28.2	-0.9
CLL	comp=Z,29nm,1.1s			ePP	PP	14 48 0	

14d 14h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NIE Niedzica, WLF Walferdange, and various regional stations.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ARSA Arzberg, DRGR Walferdange, and various regional stations.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VAY Valandovo, ANTO Ankara, and various regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC Dimbokro, RCBR Riachuelo, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOR Horta, ROSA Rosais, ROSA Rosais, etc.

MAN 14 15:05:21,7.84N;121.55E,h32km,mb4.3,ML3.1,MS2.9, IC, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAGZ Pagadian, PAGZ Pagz, RUM Jordan, etc.

IDC 14 15:08:02.1.1.8,26.53N;142.41E,h0km,mb3.8/5, mb1.4/0.5,mb1mx3.5/3,mbtmp3.8/5,MS3.8/1,Ms1.3.8/1, ms1m2.8/5/1, Error ellipse: s-maj=63.2km s-min=23.9km az=83.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLR Kul'dur, TLY Talaya, CMAR Chiang Mai Arr, etc.

CSEM 14 15:09:33.2,39.56N;29.61W,h10km,ML3.0,After PDA PDA 14 15:09:33.2.0.8,39.56N;29.61W,h10km,MD3.6,ML3.0, Error ellipse: s-maj=13.5km s-min=5.5km az=56.0, Azores Islands

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

CSEM 14 15:09:33.2,39.56N;29.61W,h10km,ML3.0,After PDA PDA 14 15:09:33.2.0.8,39.56N;29.61W,h10km,MD3.6,ML3.0, Error ellipse: s-maj=13.5km s-min=5.5km az=56.0, Azores Islands

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

IDC 14 15:28:40.3.14.0,3.64S;128.75E,h0km,mb3.4/2, mb1.3/6/3,mb1mx3.2/44,mbtmp3.4/3,ML2.8/1, Error ellipse: s-maj=207.2km s-min=123.4km az=153.0, Seram

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

ISCJB 14 15:39:27.7.1.6,33.87S;0.077.19W,0.1,h22km,10km, Error ellipse: s-maj=19.0km s-min=5.5km az=35.9, GUC 14 15:39:28.0.0.5,33.88S;71.83W,h19km,5km,ML3.6 SJA 14 15:39:57.4.0.6,32.90S;69.07W,h96km,6km,MD3.0, ISC 14 15:39:27.9.1.5,33.91S;0.077.19W,0.09,h12km,12km, n11,0.196/18,4C-2D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, ANTU Antumapu, ANTU Antumapu, etc.

IDC 14 15:24:44.0.1.4,51.88N;169.60W,h0km,mb3.4/6, mb1.3/7.7,mb1mx3.4/54,mbtmp3.5/7,ML3.5/1, Error ellipse: s-maj=41.2km s-min=28.9km az=150.0, NEIC 14 15:24:47.8,51.99N;169.27W,h36km,ML3.2(AEIC), After AEIC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKSO Okmok South, etc.

IDC 14 15:24:48.7.1.2,52.22N;0.2x169.7W,0.1,h30km,n22, 0.1938/23,mb3.5/6,Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKSO Okmok South, etc.

ISC 14 15:47:39.7.1.0,52.21N;0.1x169.35W,0.07,h38km,2km, n34,0.1922/35,mb3.7/Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKSO Okmok South, etc.

NNC 14 15:25:43.4.2.2,36.80N;70.44E,h177km,54km,mb2.8, ntpv3.7, Error ellipse: s-maj=37.9km s-min=14.3km az=63.0, ISC 14 15:25:42.7.3.2,36.8N;0.2x70.6E,0.1,h200km,n11, 0.059/14,3C-3D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayashu, MNAS Manas, UCH Uchtor, etc.

CSEM 14 15:27:31.7,39.55N;29.56W,h10km,ML3.1,After PDA PDA 14 15:27:31.7.0.8,39.55N;29.56W,h10km,MD3.6,ML3.1, Error ellipse: s-maj=6.7km s-min=5.6km az=86.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, HOR Horta, etc.

HOR Horta, Error ellipse: s-maj=12.5 km s-min=10.7 km az=7.2

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

CSEM 14 15:09:33.2,39.56N;29.61W,h10km,ML3.0,After PDA PDA 14 15:09:33.2.0.8,39.56N;29.61W,h10km,MD3.6,ML3.0, Error ellipse: s-maj=13.5km s-min=5.5km az=56.0, Azores Islands

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

IDC 14 15:28:40.3.14.0,3.64S;128.75E,h0km,mb3.4/2, mb1.3/6/3,mb1mx3.2/44,mbtmp3.4/3,ML2.8/1, Error ellipse: s-maj=207.2km s-min=123.4km az=153.0, Seram

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

ISCJB 14 15:39:27.7.1.6,33.87S;0.077.19W,0.1,h22km,10km, Error ellipse: s-maj=19.0km s-min=5.5km az=35.9, GUC 14 15:39:28.0.0.5,33.88S;71.83W,h19km,5km,ML3.6 SJA 14 15:39:57.4.0.6,32.90S;69.07W,h96km,6km,MD3.0, ISC 14 15:39:27.9.1.5,33.91S;0.077.19W,0.09,h12km,12km, n11,0.196/18,4C-2D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, ANTU Antumapu, ANTU Antumapu, etc.

IDC 14 15:24:44.0.1.4,51.88N;169.60W,h0km,mb3.4/6, mb1.3/7.7,mb1mx3.4/54,mbtmp3.5/7,ML3.5/1, Error ellipse: s-maj=41.2km s-min=28.9km az=150.0, NEIC 14 15:24:47.8,51.99N;169.27W,h36km,ML3.2(AEIC), After AEIC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKSO Okmok South, etc.

IDC 14 15:47:39.7.1.0,52.21N;0.1x169.35W,0.07,h38km,2km, n34,0.1922/35,mb3.7/Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKSO Okmok South, etc.

NNC 14 15:25:43.4.2.2,36.80N;70.44E,h177km,54km,mb2.8, ntpv3.7, Error ellipse: s-maj=37.9km s-min=14.3km az=63.0, ISC 14 15:25:42.7.3.2,36.8N;0.2x70.6E,0.1,h200km,n11, 0.059/14,3C-3D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRVK Borovoye, VOSK Vostochayna, MKAR Makanchi Array, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH LZ, LSA Lhasa, LPSR Galich'ya Gora, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRU Ostrava-Krasne, GO Pecny, Ondr, Umpang Tak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GEYT Alibeck, ABKAR Akbulak array, ARU Arti, etc.

CSEM 14 17:57:49.5, 42.92N:45.94E, h0km, ML2.3, After TIF

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUS Dusheti, TBG Delisi, DGRG David-gareji, etc.

IDC 14 18:00:57.0, 1.3, 66.93N:20.77E, h0km, mb1 2.9/3, mb1mx2.7/47, mbtmp2.7/3, ML2.2/3, Error ellipse:

ISCJB 14 18:00:57.0, 0.5, 67.06N:0.03:20.8E:0.1, h0km, Error ellipse: s-maj=7.6km s-min=4.8km az=4.8

UPP 14 18:00:58.7, 0.1, 67.07N:20.88E, h0km, ML1.9, Explosion CSEM 14 18:00:58.6, 0.3, 67.03N:20.73E, h1km, ML1.9, Error ellipse: s-maj=14.1km s-min=7.0km az=106.0, Suspected Mining explosion.

NAO 14 18:00:59.0, 0.8, 67.05N:21.20E, ML2.4, BER 14 18:01:01.2, 4.0, 67.06N:20.81E, h0km, ML1.9, ML2.4(NAO), Suspected explosion

ISC 14 18:00:57.5, 0.8, 67.04N:0.03:20.70E:0.05, h0km, n38, a=126/45, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERTU Ertsjaev, HARU Harads, SALU Saltoluokta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, etc.

CSEM 14 18:01:51.9, 39.51N:29.56W, h10km, ML3.1, After PDA

PDA 14 18:01:51.9, 1.6, 39.51N:29.56W, h10km, MD3.6, ML3.1, Error ellipse: s-maj=16.3km s-min=11.8km az=69.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, CALA Caldeira, etc.

ISCJB 14 18:03:11.9, 0.4, 24.22N:0.01:121.92E:0.02, h14km, 2km, Error ellipse: s-maj=2.9km s-min=2.3km az=43.0

TAP 14 18:03:11.9, 0.4, 24.26N:121.84E, h25km, ML3.7, B JMA 14 18:03:11.3, 0.1, 24.18N:121.79E, h31km, 2km, M3.0

ISC 14 18:03:12.5, 0.9, 24.24N:0.02:121.85E:0.02, h23km, 6km, n60, c093/98, 4C-10D, Taiwan

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

CSEM 14 18:14:02.0, 0.3, 41.42N:44.05E, h15km, ML2.1, Error ellipse: s-maj=12.5km s-min=5.6km az=168.0

TIF 14 18:14:02.4, 41.44N:44.10E, h17km, Western Caucasus

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

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

CSEM 14 18:20:11.8, 0.7, 7.01N:0.07:126.7E:0.1, h167km, 6km, mb3.7/15, Error ellipse: s-maj=17.9km s-min=11.2km

IDC 14 18:20:13.5, 1.4, 7.09N:126.76E, h165km, 12km, mb3.4/13, mb1 3.5/13, mb1mx3.4/32, mbtmp3.8/13, Error ellipse: s-maj=27.9km s-min=12.5km az=77.0

MAN 14 18:20:23.6, 6.97N:125.92E, h10km, mb4.4, ML3.3, MS3.1

ISC 14 18:20:13.1, 0.9, 7.01N:0.07:126.7E:0.1, h163km, 7km, n23, c091/28, mb3.7/15, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATI Mati, DAV Davao City (W), KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Butuan, Cagayan de Oro, Fitzroy Crossi, Warramunga Arr, Chiang Mai Arr, Alice Springs, etc.

14d 18:46:54.5, 3.8, 6.92S, 155.24E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/26, mbtmp3.4/4, Error ellipse: s-maj=93.7km s-min=36.7km az=110.0, Bougainville-Solomon Islands region

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

MEX 14 18:47:56.0, 0.8, 15.33N, 95.89W, h61km, 23km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Huatulco, Puerto Angel, Santo Domingo, etc.

14d 18:59:59.2, 3.2, 6.93N, 73.24W, h118km, 29km, mb4.0/6, mb1 4.3/7, mb1mx3.7/24, mbtmp4.4/7, Error ellipse: s-maj=33.4km s-min=18.6km az=76.0

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

FUNV 14 19:00:04.4, 7.43N, 73.22W, h148km, MW3.7, ISC 14 19:00:03.7, 0.6, 7.42N, 0.06, 73.01W, 0.05, h160km, n40, -1866.0, mb4.1/0, 7C, Northern Colombia

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

14d 19:00:03.7, 0.6, 7.42N, 0.06, 73.01W, 0.05, h160km, n40, -1866.0, mb4.1/0, 7C, Northern Colombia

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

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

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

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

14d 19:11:39.8, 0.5, 3.84N, 32.63W, h0km, mb4.1/19, mb1 4.4/20, mb1mx4.2/47, mbtmp4.2/20, ML4.7/1, MS3.7/26, MS1 3.7/26, ms1mx3.6/43, Error ellipse: s-maj=18.1km s-min=14.2km az=139.0

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

14d 19:11:41.8, 3.90N, 32.60W, h10km, mb5.5/6, MS5.3/4, MS7.4/9/4

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

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

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASCENSION HYDR21, Brasilia, etc.

Table with columns for ID, Name, Frequency, Power, and other parameters. Includes entries like P37A Lathrop, O37A Wolven Farm, R37A Teagarden Farm, etc.

Table with columns for ID, Name, Frequency, Power, and other parameters. Includes entries like G33A Ortonville, S31A Rocksprings, O32A Brockman Farm, etc.

Table with columns for ID, Name, Frequency, Power, and other parameters. Includes entries like T25A Trinidad, J26A Sides Ranch, MNTX Cornudas Mount, etc.

Table with columns: KSI, Kapahiang, 9.99 139 P, Pn, 20 03 20.8 -0.1, etc. Lists various stations and their coordinates.

Table with columns: KMI, Kunming, 22.06 16 P, P, 20 05 53.9 +3.3, etc. Lists various stations and their coordinates.

Table with columns: SWI, Sorong, 35.55 97 P, P, 20 07 52.3 0.0, etc. Lists various stations and their coordinates.

14d 20h

2010 DEC

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like SONM, SONGMA, SONM1, ULN, ASAR, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like STKA, AKTO, YSS, KMB, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like MA2, OBN, LSZ, TIXI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VLY Voula, Athens, PTL Penteli, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GRG Griva, JAN Janina, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HDHB Dhahab, SUDU Sudak, and many others.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like URFA, SLNF, NIG, WRDH, etc.

ISCJB 15 01:17:57.6:0.7, 28.73N:0.08:137.9E:0.1, h500km, mb3.5/8, Error ellipse: s-maj=13.0km s-min=10.0km az=162.3

JMA 15 01:17:59.6:0.2, 28.86N:138.60E, h547km, M3.6, IDC 15 01:18:00.9:5.8, 28.76N:138.29E, h544km, 6.5km, mb3.0/8, mb1 3.1/9, mb1mx2.8/56, mbtmp3.9/9, Error ellipse: s-maj=67.4km s-min=16.5km az=76.0

ISC 15 02:01:17:58.5:0.8, 28.74N:0.09:138.0E:0.1, h500km, n12, r138/14, mb3.5/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like CBJJ, BSOI, JAG, USRK, etc.

IDC 15 01:29:37.8:2.0, 23.60S:179.89W, h492km, 2.0km, mb3.4/7, mb1 3.6/8, mb1mx3.4/21, mbtmp4.3/8, Error ellipse: s-maj=23.0km s-min=19.3km az=9.0

ISCJB 15 01:29:40.6:0.6, 23.78S:0.06:179.98W:0.1, h532km, mb3.9/7, Error ellipse: s-maj=11.9km s-min=8.5km az=173.1

AUST 15 01:29:44.2:6.2, 23.67S:179.83W, h581km, Error ellipse: s-maj=2.1km s-min=1.7km az=25.0

ISC 15 01:29:41.9:0.7, 23.90S:0.10:179.98W:0.09, h532km, n29, r2501/36, mb4.0/7, ID, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like NIUE, AFI, DZM, HAZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like ARMA, CMSA, MTSU, STKA, etc.

IDC 15 02:01:24.8:1.2, 36.26N:69.16E, h0km, mb3.6/7, mb1 3.7/9, mb1mx3.4/43, mbtmp3.6/9, ML3.2/2, MS2.6/1, MS1 2.6/1, ms1mx2.2/34, Error ellipse: s-maj=29.4km s-min=23.0km az=170.0

ISCJB 15 02:01:27.1:0.6, 36.25N:0.05:69.19E:0.06, h43km, mb3.5/6, Error ellipse: s-maj=7.7km s-min=7.2km az=2.7

NMC 15 02:01:27.6:3.0, 36.25N:69.0E:0.06, h0km, mb4.0, mpv3.9, Error ellipse: s-maj=26.5km s-min=18.3km az=164.0

ISC 15 02:01:29.2:0.9, 36.21N:0.09:69.16E:0.07, h43km, n22, r2508/22, mb3.5/6, 4C-8D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name.

WEL 15 02:14:50.1:0.3, 41.27S:172.57E, h212km, 2km, ML3.5/5, 5C-2D, Error ellipse: s-maj=2.7km s-min=2.6km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like QRZ, THZ, NNZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like BFZ, PNHZ, TUUV, etc.

IDC 15 02:32:50.4:3.2, 7.25S:148.42E, h0km, mb2.8/1, mb1 3.2/3, mb1mx3.1/25, mbtmp3.0/3, ML3.2/1, MS2.1/1, Ms1 2.1/1, ms1mx2.0/10, Error ellipse: s-maj=113.7km s-min=32.4km az=114.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name.

CSEM 15 02:34:03.3, 39.49N:29.71W, h10km, ML2.8, After PDA PDA 15 02:34:03.3:0.9, 39.49N:29.71W, h10km, MD3.5, ML2.8, Error ellipse: s-maj=21.9km s-min=8.0km az=52.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like PCED, CALA, CALA, etc.

IDC 15 02:53:03.0:0.9, 35.12N:83.18E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.4/39, mbtmp3.5/7, ML3.2/1, MS2.9/1, MS1 2.9/1, ms1mx2.3/38, Error ellipse: s-maj=32.0km s-min=23.9km az=46.0

ISCJB 15 02:53:06.0:0.9, 35.22N:0.1:83.2E:0.1, h33km, mb3.4/6, MS2.8/1, Error ellipse: s-maj=25.1km s-min=19.2km az=158.5

ISC 15 02:53:08.5:1.1, 35.22N:0.2:83.2E:0.2, h35km, n8, r085/7, mb3.5/6, Xizang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like MKAR, SONM, MLR, etc.

CSEM 15 02:53:54.2, 39.52N:29.53W, h10km, ML3.0, After PDA PDA 15 02:53:54.2:0.9, 39.52N:29.53W, h10km, MD3.6, ML3.0, Error ellipse: s-maj=8.8km s-min=6.5km az=55.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like PCED, CALA, CALA, etc.

IDC 15 02:58:08.9:0.9, 56.47S:25.44W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.8/24, mbtmp4.1/4, Error ellipse: s-maj=42.8km s-min=25.0km az=82.0

ISCJB 15 02:58:11.6:0.7, 56.45S:0.1:25.5W:0.3, h29km, mb4.2/7, Error ellipse: s-maj=25.0km s-min=14.5km az=154.4

NEIC 15 02:58:14.2:0.5, 56.43S:25.55W, h35km, mb4.5/3, Error ellipse: s-maj=17.9km s-min=10.7km az=64.0

ISC 15 02:58:13.4:0.8, 56.45S:0.1:25.6W:0.2, h29km, n11, r063/11, mb4.4/7, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Station Name. Includes stations like SNAA, QSPA, VVND, etc.

15d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAML Samuel, LSZ Lusaka, TORD Torodi Ar. Bea, YKA Yellowknife Arr, SONMI Songoing Array, ILAR Eielson Array.

CSEM 15 03:10:09.6, 39°58'N, 29°61'W, h10km, ML3.5, After PDA
PDA 15 03:10:09.6, 39°58'N, 29°61'W, h10km, MD3.6, ML3.5,
2C, Error ellipse: s-maj=8.3km s-min=6.5km az=66.0,
Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEDRO Cedros, CALA Caldeira, ROSA Rosais, PGRA Graciosa, PCAN Candalaria, PMAN Manadas.

IDC 15 03:13:45.9, 2.3, 6.71S, 129.64E, h0km, mb3.6/1,
mb1.3/7.3, mb1mx3.4/3.4, mbtmp3.5/3, ML3.6/2, Error
ellipse: s-maj=146.0km s-min=32.7km az=68.0, Banda
Sea

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

NSSC 15 03:21:31.1, 1.1, 3.33°22'N, 35°25'E, h20km, 13km, ML1.8
CSEM 15 03:21:31.2, 0.2, 3.33°22'N, 35°40'E, h5km, ML2.8, Error
ellipse: s-maj=4.3km s-min=2.7km az=89.0
GRAL 15 03:21:32.1, 0.5, 3.33°11'N, 35°39'E, h0km, 6km, MD2.8
ISC 15 03:21:31.4, 1.1, 3.33°22'N, 35°39'E, 0.05, h10km, 11km,
n16, c0.37/28, Jordan-Oyia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NAQL Naqoura, DORL Deir Qamar, BHL Bhannes, TCHB Talchebab, ZALF Zalf.

ISCJB 15 03:36:26.0, 0.3, 39°21'N, 0°04', 139°81'E, 0.07,
h176km, 3km, mb3.6/10, Error ellipse: s-maj=10.0km
s-min=4.9km az=27.6
IDC 15 03:36:26.8, 1.4, 39°18'N, 139°77'E, h168km, 14km,
mb3.3/10, mb1.3/4/15, mb1mx3.3/5.9, mbtmp3.8/15, Error
ellipse: s-maj=17.8km s-min=14.0km az=89.0
JMA 15 03:36:27.4, 0.1, 39°20'N, 139°80'E, h169km, 1km, M3.4
ISC 15 03:36:27.1, 0.7, 39°20'N, 0°05', 139°79'E, 0.07, h170km, 6km,
n34, c1918/48, mb3.5/10, Near west coast of eastern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYW Yuwa, JYK Kaneyama, JYA Atsumi, JRG Rokugo, JAW Awa shima, JYS Shirataka, JOU Okura, JMK Ichinoseki.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAH Hinai, JOM Ohasama, JNS Sasagawa, JSD Sado, JOT Ohata, JMAT Matsushiro, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, ASAJ Asahikawa, ASAJ Hachioji jima 2, USRK Utsuriyari Arr, KLR Klr dur, SONMI Songoing Array, H112 WAKE ISLAND Hy 30.37 122 T, H111 WAKE ISLAND Hy 30.38 122 T, H113 WAKE ISLAND Hy 30.38 122 T, ZALV Zalesov Beam, MKAR Makanchi Array, KURBA Kurchatov Arr, ILAR Eielson Array, WRA Warramunga Arr, YKA Yellowknife Arr, FINES FINESS Array B, HFS Hagfors, NOA NORSTAR Array B.

ISCJB 15 03:39:30.0, 0.3, 17°63'N, 0°03'94', 85W, 0.02, h144km, 3km,
mb4.3/24, Error ellipse: s-maj=5.9km s-min=3.6km
az=16.6

MEX 15 03:39:32.1, 0.8, 17°74'N, 94°90'W, h131km, 18km, MD4.4
NEIC 15 03:39:32.0, 1.7, 74°N, 94°90'W, h129km, mb4.4/24,
MD4.4(MEX), After MEX.

IDC 15 03:39:33.5, 2.8, 17°90'N, 94°69'W, h146km, 25km, mb3.7/13,
mb1.3/8/17, mb1mx3.6/4.9, mbtmp4.1/17, Error ellipse:
s-maj=27.6km s-min=10.0km az=49.0
ISC 15 03:39:31.1, 0.7, 17°70'N, 0°06'94', 89W, 0.03, h137km, 7km,
n302, c0.89/317, mb4.3/24, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OXBJ Oaxaca, VHO Vista Hermosa, TGBT Tuxtla Gutierrez, TPIG Tehuacan, PCIG PCIG, CCIG Comitán, CCIG Comitán, TLIG Tlapa, TLIG Tlapa, SCIG Sabancuy, PPM Popocatepetl, IIO Organos, VTVM Tizayuca, MVZM MVZM, MAVM Malinalco, Edo, MOVG Morelia, TEIG Tepich, TEIG Tepich, 365A Smothers Creek, 732A Laxson Ranch, 635A Leesville, JTS JuntasAbangare, JTS JuntasAbangare, 633A Sathoff Ranch, 536A Bastrop, 540A Vidor, 535A Dale, 632A Uvalde, 534A Blanco, 631A Perdido Creek, 533A Kerrville, 436A Wall Ranch, Ga, 532A Rocksprings, 435B Jarrell, 434A Burnet, 531A Rocksprings, JCT Junction City, 433A Art, 337A Centerville, 338A Crockett, 340A Bronson, 335A Moody, 530A J-C Ranch, Com, 432A Menard, 334A Lometa, 431A Sonora.

624

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 333A Richland Sprin, TXAR Lajitas Array, TX31 Lajitas Ar. Si, 236A Katherine and, 332A Millersview, WHTX Lake Whitney, 331A San Angelo, 234A Clairette, 233A Rising Star, 136A Coleman, 330A Mertzton, 135A Vickery Place, 231A Bronte, 134A White-Moore Ra, 230A Sterling City, 133A Hamilton Ranch, ABTX Abilene Hawle, ABTX Abilene Hawle, Z39A Iren McRaven, Z36A Blue Ridge, 131A Roby, Z34A Collier Ranch, Z33A Whitaker Ranch, Z32A Haskell, Y38A Idabel, Y36A Durant, Y39A Lockesburg, Y37A Hugo, Y35A Marietta, Z31A Sharp Cattle R, Z31A Reagan Ranch, Z30A Sanderson Ranch, Y33A Hilltop Ranch, Y32A Drake, Y32A R-V Farms, Ver, MIAR Mount Ida, MIAR Mount Ida, X37A Clayton, X36A Centrahoma, MNTX Cornudas Mount, MNTX Cornudas Mount, Y31A Lingo Farm, X38A Whitesboro, Y30A Stafford Catti, X34A Smith Ranch, M, X32A Elmer, W38A Poteau, WMOK Wichita Mounta, W36A Wetumka, W35A Tecumseh, X30A Coker Ranch, T, W34A Bridge Creek, W33A Caddo, Fort Co, MSTX Muleshoe, MSTX Muleshoe, W32A Sentinel, W31A Holland Ranch, V36A Jenks, V35A Meyer Ranch, C, V38A Canellih, V37A Hulbert, AMTX Amarillo, AMTX Amarillo, TUL1 Tulsa, V34A Guthrie, V34A Guthrie, V33A Spring Creek L, V32A Arapaho, V31A Spring Creek L, U37A Salina, U36A Oologah, U35A Pawnee, U38A Granite, V30A Spur Ranch, MI, 121A Cookes Peak, D, 121A Cookes Peak, D, U34A Anderson Ranch, U33A Lingo Farm, Me, U32A Winter Ranch, U31A Nine Bar Ranch, T35A Sooner Cattle, T36A Boggs Farm, Ca, T37A Cheneyville 18.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T34A McClaskey Farm, PBMO Poplar Bluff, U30A WK&E Inc. Balk, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMCO Snowmass, ISCO Idaho Springs, ISCO Idaho Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and ISC. Includes stations like IDC 15 03:41:27.0, IDC 15 03:41:28.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like DBIC Dimbokro, DBIC Songoing Array, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like MATP Matopo, SUR Sutherland, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like PSCH Puerto Saavedr, VCHC Valdivia, OSCH Osorno, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like CHPI Pichilemu, TACH Talagante, NICH Los Niches, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like ASAL Salagasta, RTLS Leoncito, RCTV Cerro Valdivia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like BMOR Cotopaxi Volca, BMOR Cotopaxi Volca, MOV1 Cotopaxi Volca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like URCU Urcuqui, LITE Lita, ASAK Asach, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like ASAK Asach, RUSK Russkaya, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like BILL Bilibino, TIXI Tikisi, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like ILAR Eielson Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res, ISC. Includes stations like SOEI Soe, MTN Manton Dam, FAKI Fak Fak, etc.

ISCJB 15 04:27:47.9, 0.6, 37.4S; 0.2-78.2E; 0.1, h13km, mb4.0/12, Error ellipse: s-maj=24.6km s-min=13.9km az=6.2

IGQ 15 04:58:34.0, 1.0, 81S; 78.38W, h2km, 1km, Mb4.0, 15C-1D, Error ellipse: s-maj=1.1km s-min=0.4km az=8.9, Ecuador

ISCJB 15 05:09:52.3, 0.9, 1.23S; 0.0-175.0W; 0.1, h10km, mb4.1/7, MS3.4/1, Error ellipse: s-maj=22.1km s-min=6.9km az=22.0

15d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Divnogorie, Swartz Lake, Filin Flon, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pruhonice, Gura Zlata, Trest, etc.

630

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Prodomos, Palaion Diasel, Paravola, etc.

ISCJB 15 05:53:07.2, 0.7, 38.88N, 0.03:29.14E, 0.04, h1km, 8km, Error ellipse: s-maj=3.0km s-min=3.0km az=38.9

IDC 15 05:54:47.3:1.2, 1.41N, 127.60E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/32, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=93.1km s-min=18.4km az=72.0

IDC 15 06:16:58.4:3.7, 25.35S, 140.99E, h0km, mb1 3.6/4, mb1mx3.4/38, mbtmp3.4/4, ML3.2/4, Error ellipse: s-maj=51.4km s-min=24.9km az=10.0, Queensland

IDC 15 06:19:33.3:1.2, 27.46N, 129.15E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.4/45, mbtmp3.9/4, ML3.9/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/36, Error ellipse: s-maj=87.4km s-min=23.5km az=83.0

JMA 15 06:19:37.0:0.2, 27.50N, 129.52E, h33km, M3.2 Chitung Mat Arr 53.28 76 P

IDC 15 06:29:13.6:2.1, 12.12N, 43.92E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/35, mbtmp3.7/5, Error ellipse: s-maj=79.2km s-min=27.3km az=167.0, Western Arabian Peninsula

IDC 15 06:38:33.9:9.1, 19.09S, 179.06E, h541km, 107km, mb2.8/5, mb1 3.2/5, mb1mx3.0/30, mbtmp3.7/5, Error

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array, TXAR Lajitas Array, BRTR Keskin Array B, GERES GERES Array B.

IDC 15 06:41:22.1±1.3, 32°35'N; 139°31'E, h0km, mb3.5/3, mb1 3.0/4, mb1mx3.4/4.5, mbtmp3.5/4, ML3.4/1, Error ellipse: s-maj=25.6km s-min=20.1km az=96.0

ISCJB 15 06:41:24.8±1.1, 32°30'N; 0°06'140.7E±0.1, h71km, gkm, mb3.3/3, Error ellipse: s-maj=15.1km s-min=8.7km az=18.2

JMA 15 06:41:25.6±0.1, 32°34'N; 140°74'E, h57km, M3.7

ISC 15 06:41:24.6±1.9, 32.76°N; 0°09'140.8E±0.1, h57km±15km, n23, c1914/25, mb3.3/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like JHCJ Hachijojimakas, JHUJ Mitsune, JHJ2 Hachijo jima 2, BSO1 Boso 1, JIM2 Oshima 3, TK02 Tokai 2, JOD2 Odawara 2, TK04 Tokai 4, SHZ3 Shizuoka 3, JYN Shimob, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, H1N12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr.

IDC 15 06:49:46.7±2.5, 54°12'N; 86°44'E, h0km, mb1 3.1/2, mb1mx3.1/5.7, mbtmp3.3/2, ML1/2, Error ellipse: s-maj=20.7km s-min=13.3km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MKAR Makanchi Array.

ISN 15 06:52:41.8±0.8, 12°36'N; 50°43'E, h0km, gkm, ML4.7

ISCJB 15 06:52:57.9±0.6, 11°82'N; 0°07'44.07E±0.07, h4km, mb4.0/13, MS3.5/18, Error ellipse: s-maj=12.6km s-min=6.7km az=137.0

IDC 15 06:52:59.2±1.2, 11°83'N; 44°05'E, h0km, mb4.0/12, mb1 4.1/3, mb1mx3.9/5.2, mbtmp4.0/13, ML3.6/1.1, MS3.5/21, Ms1 3.5/21, ms1mx3.3/5.0, Error ellipse: s-maj=30.1km s-min=16.0km az=158.0

NEIC 15 06:53:00.7±0.5, 11°84'N; 44°04'E, h10km, mb4.0/1, Error ellipse: s-maj=14.1km s-min=7.9km az=134.0

ISC 15 06:52:60.0±0.8, 11°87'N; 0°09'44.04E±0.08, h4km, n40, c072/21, mb3.9/13, MS3.4/18, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like ATD Arta Tunnel, DAMY Dhamar, FURI Furi, KMBO Kilima Mbogo, MBARA Mbarara, NSR Nasriya, EIL Elat, EIL Badra, IBDR Badra, BSH Jabal al Asfar, BHD Baghdad, RTB Rubtah, IKRK Kirukuk, KEFK Alikebeck, BRTR Keskin Array B, OPO Ambोधidatmpo, KBZ Khabaz, KVAR Kislovodsk Arr, PALK Pallekele, KKAR Karatay Array.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like AKTO Aktyubinsk, AKASG Malin Array Be, TORO Torodi Arr, BOSA Boshof, ARU Aru, BVAR Borovoye Array, CLL Collm, MKAR Makanchi Array, KURBB Kurchatov Arr, KURBK Kurchatov, ESOC Songino Array, ZALV Zalesovo Beam, HFS Hagfors, CMAR Chiang Mai Arr, NOAR NORSAR Array B, ARCES ARCES Array B, SONM Songino Array, MAW Mawson.

NIED 15 06:53:00.27±50N, 129°60'E, h11km, Mw4.0 Best double couple: M9.850000°104° NP1±0.00000°, 815.00000°, λ-32.00000°, NP2±0.00000°, 882.00000°, λ-103.00000°

IDC 15 06:53:46.1±0.9, 27°52'N; 129°54'E, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.7/5.4, mbtmp3.9/8, MS2.7/3, Ms1 2.7/3, ms1mx2.4/5.3, Error ellipse: s-maj=53.8km s-min=19.4km az=76.0

JMA 15 06:53:49.9±0.2, 27°45'N; 129°56'E, h28km, M3.6

ISC 15 06:53:48.7±1.2, 27.42°N; 104°129.61'E±0.04, h19km±4km, n28, c057/31, mb3.9/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like JTK Tokunoshima, JAMN Amininshikomi, JOKE Okinoerabujima, JZK Kikaishima, JAM Amami Oshima, JOW Jow, JIH Iheya, JINTH Nagotoyohara, JINTH Nagotoyohara, JIMZ Minamidaito, JAGN Aguni-jima, JKE Kume jima 2, JYAK Yakushimahirau, KSRS Korea Arr, ASAJ Asahiwa, PETK Petropavlovsk, H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, WRA Warramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, FINES FINESS Array B, AKASG Malin Array Be, YKA Yellowknife Arr, BRTR Keskin Array B, NB2 NORSAR Subarray, NOA NORSAR Arr, MLR Murtele Rosu.

IDC 15 06:54:54.9±2.1, 40°78'N; 79°18'E, h0km, mb3.5/2, mb1 3.5/7, mb1mx3.3/5.8, mbtmp3.4/7, ML2.8/5, Error ellipse: s-maj=23.6km s-min=17.1km az=174.0

B/J 15 06:54:57.1±2.1, 40°88'N; 79°08'E, h9km, ML3.4/9, NNC 15 06:54:58.7±2.7, 40°89'N; 78°92'E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=22.5km s-min=12.9km az=167.0

KRNET 15 06:54:58.5±1.0, 40°86'N; 79°08'E, mb3.9

ISC 15 06:54:59.7±1.7, 41.00°N; 0°05'79.18E±0.05, h4km±12km, n34, c157/42, 24C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like PRZ Przhelavsk, PRZ Przhelavsk, ANVS Anan'yev, ANVS Anan'yev, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, NRR Naryn, ULHL Ulhal, ULHL Ulhal, KNDC Almaty, KNDC Almaty, BOOM Boomsokoye usch, BOOM Boomsokoye usch, KSH Kashi.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like KSH KSH, KZA Kyzart, TKM2 Tokmak 2, TKM2 Tokmak 2, KBK Khabzbulak, UCH Uchtor, ARLS Aral, ARLS Aral, CHMS Chumysh, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AML Almayashu, EKS2 Erkin-Say, MNAS Manas, MNAS Manas, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, OTUK Ortau, OTUK Ortau, KURBB Kurchatov Arr, KURBB Kurchatov, VOSK Vostochnaya, VOSK Vostochnaya, BVAR Borovoye Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZRNK Zerenada, ZRNK Zerenada, GTA Gaotai, GTA Gaotai, SONM Songino Array, YKA Yellowknife Arr.

AUST 15 07:00:36.8±0.8, 1°68'S; 139°37'E, h0km, Error ellipse: s-maj=1.4km s-min=0.9km az=41.0

IDC 15 07:00:40.8±0.7, 2°31'S; 139°35'E, h0km, mb4.1/7, mb1 4.2/9, mb1mx3.9/3.6, mbtmp4.1/9, ML3.9/2, MS3.0/4, Ms1 3.0/4, ms1mx2.7/3.7, Error ellipse: s-maj=18.4km s-min=12.9km az=94.0

NEIC 15 07:00:42.5±0.5, 2°28'S; 139°35'E, h10km, mb4.2/2, Error ellipse: s-maj=12.4km s-min=10.8km az=58.0

ISCJB 15 07:00:43.3±0.5, 2°31'S; 0°06'139.31E±0.05, h27km, mb4.1/8, MS3.0/2, Error ellipse: s-maj=8.2km s-min=6.9km az=179.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like GENI Genyem, JAY Jayapura, JAY Jayapura, FAKI Fak Fak, FAKI Fak Fak, COEN Coen, KADU Kadu, MTN Mantion Dam, MTSU Mount Surprise, GUMO Guam, WRA Warramunga Arr, WRA Warramunga Arr, CTA Charles Tower, KAPI Kappang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, WRKA Waruna, EIDS Eidsvold, EIDS Eidsvold, STKA Stephens Creek, MJAR Matsushiro Arr, MKAR Makanchi Array, KURK Kurchatov, KURBB Kurchatov Arr, BVAR Borovoye Array, ABKAR Akbulak array, ILAR Ekulson Array.

Table with columns: TOR, LPAZ, Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Torodi Ar. Bea and La Paz.

1.6m, 0.8s, baz=264, slow=4.7, SNR=13
TORDi Ar. Bea 136.79 287 PKP PKPdf 07 20 06.2 0.0
0.6m, 0.9s, baz=35, slow=2.7, SNR=2.9
LPAZ La Paz 147.14 125 PKPbc PKPab 07 20 28.2 -0.8

IDC 15 07:01:07.3e-1.1, 27.47N; 129.07E, h0km, mb3.9/4,
mb1 4.1/5, mb1mx3.5/5.1, mbtmp4.0/5, ML4.0/1, MS2.1/1,
Ms1 2.1/1, ms1mx2.0/4.9, Error ellipse: s-maj=87.7km
s-min=21.2km az=81.0

JMA 15 07:01:10.9-0.2, 27.48N; 129.54E, h37km, M3.3
ISC 15 07:01:08.8-1.4, 27.43N; 129.61E; 0.04, h15km, 10km,
n18, s086/28, mb4.1/4, Ryukyu Islands

Main table for 15d 7h section, listing stations like TOKUNOSHIMA, AMAMINISHIKOMI, OKINOERABUJIMA, etc., with their respective coordinates and data.

ISN 15 07:02:22.0-1.2, 11.40N; 43.85E, h0km, 15km
IDC 15 07:02:38.4-1.8, 11.57N; 44.13E, h0km, MB3.6/4,
mb1 3.6/4, mb1mx3.5/4, mbtmp3.6/4, MS3.2/1, Ms1 3.2/1,
ms1mx2.4/4.7, Error ellipse: s-maj=54.2km
s-min=16.9km az=167.0, Western Gulf of Aden

Main table for 15d 7h section, listing stations like ARTA TUNNEL, NASSIRYA, BADRA, BAGHDAD, etc., with their respective coordinates and data.

NIED 15 07:12:00.27, 50N; 129.60E, h8km, Mw3.9 Best double
couple: M=8.70000e1014 NP1=111.00000, s2.00000,
s1.52.00000, NP2=244.00000, s58.00000,
s1.120.00000

IDC 15 07:12:27.3-0.9, 27.49N; 129.24E, h0km, mb3.7/9,
mb1 3.9/10, mb1mx3.6/6.8, mbtmp3.7/10, ML4.2/1, MS2.9/2,
Ms1 2.9/2, ms1mx2.5/4.7, Error ellipse: s-maj=40.4km
s-min=18.3km az=75.0

ISCJB 15 07:12:30.2-1.1, 27.45N; 129.63E; 0.04, h33km, gm,
mb3.6/9, Error ellipse: s-maj=6.2km s-min=4.2km az=29.0
JMA 15 07:12:31.2-0.2, 27.48N; 129.56E, h32km, M3.5
ISC 15 07:12:30.8-1.3, 27.45N; 129.59E; 0.04, h27km, 9km,
n30, s190/36, mb3.7/9, Ryukyu Islands

Main table for 15d 7h section, listing stations like TOKUNOSHIMA, AMAMINISHIKOMI, OKINOERABUJIMA, etc., with their respective coordinates and data.

Table with columns: YKA, BRTR, NB2, NOA, Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Yolkknife Arr, Keskin Array B, NORSAR Subarra, NORSAR Array B.

IDC 15 07:21:40.3e-1.2, 11.77N; 142.63E, h0km, mb3.7/5,
mb1 3.9/6, mb1mx3.6/4, mbtmp3.7/6, ML3.9/1, Error
ellipse: s-maj=37.1km s-min=23.5km az=127.0, South
of Mariana Islands

Main table for 2010 DEC section, listing stations like GUAM, WARRAMUNGA ARR, KURBS, BVAR, ILAR, YKA, Code, Station Name, Az, Phase ID, Time, Res.

NIED 15 07:37:00.41, 10N; 142.70E, h29km, Mw4.8 Best double
couple: M=1.68000e1016 NP1=191.00000, s23.00000,
s1.78.00000, NP2=264.00000, s67.00000, s95.00000,
JMA 15 07:37:19.9-0.2, 41.03N; 142.81E, h23km, 4km, M4.7
JMA Felt II J1

BJU 15 07:37:20.0, 41.14N; 142.80E, h52km, mb5.0/66, mb5.1/47,
Ms4.6/55, Ms7.4/254
ISCJB 15 07:37:21.8-0.3, 41.13N; 0.02; 142.69E; 0.03, h50km, 2km,
mb5.0/137, MS4.3/35, Error ellipse: s-maj=4.3km
s-min=2.5km az=142.2

MOS 15 07:37:21.7-0.9, 41.18N; 142.62E, h47km, mb5.3/59,
MS4.3/19, Error ellipse: s-maj=7.1km s-min=4.4km
az=111.2
IDC 15 07:37:23.8-1.9, 41.08N; 142.69E, h56km, 16km, mb4.6/39,
mb1 4.6/45, mb1mx4.6/54, mbtmp4.8/45, ML4.1/6, MS4.1/29,
Ms1 4.1/29, ms1mx4.0/43, Error ellipse: s-maj=12.5km
s-min=10.7km az=150.0

GCMT 15 07:37:23.6-0.5, 41.22N; 142.97E, h55km, 2km, MW4.9/65,
Moment Tensor Solution, s27, c32, s65, c90, Duration: 0
Moment tensor: Scale 10^19Nm; Mr1: 64e16;
M=0.44e-12, M=2.08e-11, Mw=0.39e-08; Ms=1.30e-14;
Ms=1.14e-08; Best double couple: M2: 45400, 1016
NP1=19.00000, s60.00000, s85.00000, NP2:
s209.00000, s31.00000, s99.00000; Principal axes: T
1.9620, Plg75.0000, Azm275.0000; N 0.9840,
Plg5.0000, Azm21.0000; P -2.9460, Plg15.0000,
Azm113.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

NEIC 15 07:37:23.6-0.2, 41.19N; 142.59E, mb5.1/32,
MW4.8(NIED) Error ellipse: s-maj=5.7km s-min=3.5km
az=144.0

NEIC Recorded [2 JMA] in southern and southwestern Hokkaido
and [1 JMA] in central and western Hokkaido. Also
Recorded [2 JMA] in Aomori and [1 JMA] in Iwate, Honshu.

ISC 15 07:37:22.9-0.4, 41.16N; 0.03; 142.76E; 0.03, h49km, 3km,
h49km; p-P, n544, s1926/583, mb5.1/141, MS4.4/35,
69C-20D, Hokkaido region

Main table for 2010 DEC section, listing stations like ERIMO, JEM, URUKAWA-NOBUKA, NANGO, OHATA, TENMABAYASHI, etc., with their respective coordinates and data.

Main table for 2010 DEC section, listing stations like INUYAMA, UGLEGORSK, VLADIVOSTOK, HACHIOJIMA, USSURIYSK AR, MYSHULSTA, KHABAROVSK, TYMVOJSKOE, MUDANJIANG, BOROVYOYE ARR, EISELSON ARRAY, NAKATSUE, NIKOLAYEVSK, WONUJ ARRAYS, SHENYANG, PETROPAPOLVSK, DALIAN, HAILAR, JIANGNAN, MAGADAN, CHUL'MAN, SHESHAN, BEIJING, BAIJIATUAN, TAIAN, YAKUTSK, NANJING, etc., with their respective coordinates and data.

15d 7h

2010 DEC

634

Table with columns for call sign, frequency, power, and other technical details. Includes stations like AKTO, KBL, LHSI, RES, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KBZ, WWOR, IZAR, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like I25A, PLOA, UZH, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALF, C38A, PGBU, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like V37A, TXAR, TXAR, etc.

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

ISK 15 08:59:43.7, 38.47N, 26.89E, h5km, MD3.1, ML3.0
DDA 15 08:59:43.9, 38.51N, 26.87E, h17km, Mdz.9
CSEM 15 08:59:44.0, 38.50N, 26.88E, h5km, MD2.9, Error
ellipse: s-maj=4.9km s-min=3.2km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists various stations like Izmir, Akhisar, Tasoluk, Balya, Balikesir, Milas, Kula-Manisa, etc.

PDG 15 09:06:16.4, 0.1, 43.01N, 18.76E, h7km, MD2.7/4,
ML2.6/12, Error ellipse: s-maj=0.3km s-min=0.3km az=0.0
BEO 15 09:06:16.8, 0.3, 42.98N, 18.74E, h12km, km, ML2.4/1
CSEM 15 09:06:16.1, 0.2, 43.03N, 18.74E, h2km, ML2.6, Error
ellipse: s-maj=3.5km s-min=2.2km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Balkan Peninsula like Bratogost, Niksic, Trebinje, Cervo, Plijevija, Herceg Novi, Podgorica, Brajici-Budva, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Western Iran region like Lazici, Ulcinj, Ivanjica, Divibare, etc.

IDC 15 09:15:07.0, 2.1, 30.76N, 49.76E, h0km, mb4.3/7.8,
mb1 3.9/9, mb1mx3.6/59, mbmtmp3.8/9, ML4.5/1, MS2.7/6,
Ms1 2.7/6, ms1mx2.5/40, Error ellipse: s-maj=48.7km
s-min=24.5km az=156.0

ISCJBJ 15 09:15:07.4, 0.3, 30.58N, 0.05, 49.69E, 0.04, h10km,
mb3.6/9, MS2.5/3, Error ellipse: s-maj=6.9km s-min=4.4km
az=21.8

CSEM 15 09:15:09.4, 0.1, 30.65N, 49.87E, h2km, ML3.9, Error
ellipse: s-maj=4.2km s-min=2.7km az=43.0
THR 15 09:15:09.1, 0.7, 30.62N, 49.96E, h14km, 1/1km, ML3.5
TEH 15 09:15:10.8, 30.62N, 49.83E, h13km, ML3.9

ISV 15 09:15:18.3, 1.0, 30.11N, 49.82E, h1km, 4km
ISC 15 09:15:09.2, 0.7, 30.64N, 0.06, 49.87E, 0.05, h10km, n61,
c151/53, mb3.8/9, MS2.6/4, 2C-8D, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Western Iran region like Shooshtar-Gavs, AHRMU, Pirpir, etc.

NASN Na'in 3.30 49 ePn Pn 09 16 02.1 +0.9
NASN Na'in 3.30 49 ePn Pn 09 16 02.1 +0.9
NASN Na'in 3.30 49 ePn Pn 09 16 02.1 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Western Iran region like Kafar-mosomal, IKFM, QAM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Western Iran region like GEYT, EIL, KBZ, BRTR, ATD, AKTO, AKTO, IDI, ANOLE, MLR, AKASO, ARU, BVAR, MKAR, HFS, NOA, TORD, ILAR, YKA, etc.

IDC 15 09:17:58.6, 0.6, 6.15, 82N, 147.24E, h0km, mb4.3/25,
mb1 4.5/26, mb1mx4.3/56, mbtmp4.3/26, ML4.4/1, MS3.3/8,
MS1 3.3/8, ms1mx3.1/30, Error ellipse: s-maj=19.0km
s-min=12.3km az=91.0

NEIC 15 09:18:00.0, 0.4, 1.678N, 147.20E, h10km, mb4.9/5, Error
ellipse: s-maj=12.4km s-min=7.9km az=93.0

ISC 15 09:18:03.6, 0.6, 15.70N, 0.08, 147.1E, 0.1, h33km, n56,
c1943/48, mb4.4/30, MS3.3/7, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations in the Mariana Islands region like GUMO, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, etc.

Q36A	Arnold C. Orve	64.76 337	P	P	11 02 46.9 +0.1
T31A	Randall Ranch,	64.81 333	P	P	11 02 47.2 0.0
R34A	Isabella, Hill	64.85 335	P	P	11 02 47.5 +0.1
Q35A	Mercer Eighty,	64.88 337	P	P	11 02 47.5 -0.1
P37A	Lathrop	64.92 338	P	P	11 02 47.3 -0.5
S32A	Newby Ranch, P	65.01 334	P	P	11 02 48.3 -0.2
Q38A	Galt	65.11 339	P	P	11 02 48.9 0.0
R33A	Olander Ranch,	65.15 335	P	P	11 02 49.6 +0.3
S31A	Mullinville	65.17 333	P	P	11 02 49.4 -0.1
P36A	Good Intent, A	65.25 338	P	P	11 02 49.7 -0.3
Q34A	Chapman	65.28 336	P	P	11 02 49.8 -0.3
KSU1	Kansas State U	65.31 336	P	P	11 02 49.8 -0.5
O37A	Wolven Farm, M	65.37 339	P	P	11 02 49.9 -0.8
P35A	Duane Minner,	65.46 337	P	P	11 02 50.8 -0.5
N39A	Derbe Farms, D	65.48 340	P	P	11 02 50.9 -0.4
R32A	Long Quarter,	65.54 334	P	P	11 02 51.4 -0.4
T29A	Hugoton	65.56 332	P	P	11 02 52.1 0.0
S30A	Montezuma	65.61 333	P	P	11 02 52.5 +0.1
O36A	Bolckow	65.62 338	P	P	11 02 51.8 -0.5
Q33A	Connelly Farm,	65.69 335	P	P	11 02 52.6 -0.2
R31A	Burdett	65.76 334	P	P	11 02 53.1 -0.2
P34A	Walnut Farm, R	65.78 336	P	P	11 02 53.7 +0.3
S29A	Ulysses	65.87 332	P	P	11 02 54.3 +0.2
N37A	Lee Fairs, Mou	65.92 339	P	P	11 02 53.8 -0.4
Q32A	Mettler Ranch,	65.97 335	P	P	11 02 54.6 +0.1
O35A	Humboldt	66.08 337	P	P	11 02 54.9 -0.3
M38A	Pleasantville	66.19 340	P	P	11 02 55.6 -0.3
LAZ	Ladron	66.19 326	eP	P	11 02 57.8 +1.5
S28A	Manter	66.19 332	P	P	11 02 56.3 +0.2
N36A	Murf Farm, Cla	66.23 338	P	P	11 02 56.4 +0.2
ANMO	Albuquerque	66.25 327	eP	P	11 02 58.1 +1.4
O34A	Beatrice	66.29 337	P	P	11 02 56.8 +0.2
CBKS	Cedar Bluff	66.29 334	P	P	11 02 56.7 0.0
Q31A	Ellis	66.31 334	P	P	11 02 56.9 0.0
M37A	Trindle Farm,	66.45 339	P	P	11 02 57.8 +0.2
N35A	Tabor	66.51 338	P	P	11 02 57.3 -0.6
O33A	Hebron	66.52 336	P	P	11 02 57.8 -0.3
P32A	Hutting Farm,	66.52 335	P	P	11 02 57.7 -0.4
R29A	Marienthal	66.55 333	P	P	11 02 57.9 -0.5
Q30A	Quinter	66.63 334	P	P	11 02 58.7 -0.1
TUC	Tucson	66.63 322	eP	P	11 03 00.8 +1.8
M36A	Felix, Anita	66.75 339	P	P	11 02 59.8 +0.3
P31A	Stockton	66.75 335	P	P	11 02 59.6 +0.1
L38A	Oak Wood Farm,	66.77 341	P	P	11 02 59.6 0.0
R28A	Tribune	66.78 332	P	P	11 02 59.7 -0.2
N34A	Lincoln	66.79 337	P	P	11 02 59.1 -0.6
Q29A	Oakley	66.87 333	P	P	11 03 00.7 +0.3
T25A	Trinidad	66.98 330	P	P	11 03 01.6 +0.3
L37A	Phoenix Point,	67.00 340	P	P	11 03 01.1 0.0
P30A	Selden	67.12 334	P	P	11 03 02.6 +0.7
L36A	Harm Buss Farm	67.28 339	P	P	11 03 03.3 +0.5
Q28A	Sharon Springs	67.38 333	P	P	11 03 03.6 0.0
M34A	Aspy Farms, Fr	67.41 338	P	P	11 03 05.0 +1.3
P29A	Atwood	67.45 333	P	P	11 03 05.2 +1.1
O30A	MW Ranch, Wils	67.58 334	P	P	11 03 05.5 +0.7
M33A	Taylor Creek F	67.69 337	P	P	11 03 05.5 +0.1
K36A	Gilmore City	67.69 340	P	P	11 03 05.8 +0.4
L34A	Svendsen Farm,	67.74 338	P	P	11 03 06.3 +0.6
O29A	4D Ranch, Culb	67.84 334	P	P	11 03 07.4 +0.9
BGNE	Belgrade	67.89 336	P	P	11 03 07.4 +0.7
BGNE	Belgrade	67.89 336	eP	P	11 03 07.0 +0.3
SDCO	Great Sand Dun	67.98 329	P	P	11 03 08.8 +1.1
SDCO	Great Sand Dun	67.98 329	eP	P	11 03 09.3 +1.6
LIC	Lamto	68.03 74	eP	P	11 03 07.0 -1.1
M31A	Lambrecht Ranc	68.15 336	P	P	11 03 09.4 +1.1
TIC	Toumoudi	68.22 73	eP	P	11 03 07.8 -1.5
O28A	Krutsinger Ran	68.24 333	P	P	11 03 09.9 +0.9
I38A	Scanlan Farm,	68.31 342	P	P	11 03 09.8 +0.6
KIC	Kosan Boka	68.34 74	eP	P	11 03 08.9 -1.2
DBIC	Dimbokro	68.37 73	P	P	11 03 09.6 -0.7
DBIC	Dimbokro	68.37 73	eP	P	11 03 10.3 +0.1
I37A	Lemond, Waseca	68.60 341	P	P	11 03 11.7 +0.6
N28A	Pribbeno Ranch	68.61 334	P	P	11 03 11.8 +0.5
Q24A	Divide	68.79 330	P	P	11 03 13.6 +0.8
L31A	Butterfield Fa	68.82 336	P	P	11 03 13.4 +0.9
H37A	Dierke Farm, C	68.97 342	P	P	11 03 13.8 +0.5
MVCO	Mesa Verde	69.05 327	P	P	11 03 14.4 +0.1
MVCO	Mesa Verde	69.05 327	eP	P	11 03 15.9 +1.6
J33A	Davis	69.14 338	P	P	11 03 14.4 0.0
K31A	O'Neill	69.17 337	P	P	11 03 15.0 +0.3
H36A	Jessenland, He	69.27 341	P	P	11 03 15.4 +0.3
L29A	Maesberg Ranch	69.35 335	P	P	11 03 15.7 -0.1
ECSD	EROS Data Cent	69.38 339	P	P	11 03 15.9 0.0
J32A	Parkston	69.49 338	P	P	11 03 16.7 +0.1
SPMN	St. Paul	69.53 342	P	P	11 03 16.6 -0.1
K30A	Basset	69.54 336	P	P	11 03 16.9 0.0
H35A	Sunnyside Ranc	69.66 340	P	P	11 03 17.5 -0.1
ISCO	Idaho Springs	69.67 330	P	P	11 03 18.1 0.0

K29A	Lazy Trails An	69.88 336	P	P	11 03 20.1 +1.0
G35A	Watkins	70.02 341	P	P	11 03 19.5 -0.2
J30A	Dallas	70.05 337	P	P	11 03 20.8 +0.7
H33A	Prehn Over Nor	70.26 339	P	P	11 03 22.2 +0.9
F36A	Milaca	70.32 342	P	P	11 03 21.6 0.0
H32A	Carlson Farm,	70.34 339	P	P	11 03 22.0 +0.2
J29A	Oreok	70.43 336	P	P	11 03 23.2 +0.8
I30A	Oacoma	70.53 337	P	P	11 03 23.3 +0.4
G33A	Ortonville	70.62 340	P	P	11 03 23.1 -0.3
F35A	Swanville	70.62 341	P	P	11 03 23.1 -0.4
J28A	Allard Ranch,	70.80 335	P	P	11 03 25.5 +0.9
E36A	MGregor	70.84 342	P	P	11 03 25.0 +0.3
I29A	Vivian Onida	70.95 336	P	P	11 03 25.6 +0.1
J27A	Elkhorn Farm,	70.95 335	P	P	11 03 26.5 +0.9
D37A	Cotton	71.19 343	P	P	11 03 27.1 +0.3
E35A	Peeout Lakes	71.20 342	P	P	11 03 26.8 -0.1
C39A	Grand Marais	71.21 345	P	P	11 03 26.8 -0.1
E34A	Wadena	71.39 341	P	P	11 03 28.3 +0.3
C38A	Sawbill Land.	71.40 344	P	P	11 03 27.7 -0.4
D36A	Goodland	71.41 343	P	P	11 03 28.2 0.0
H29A	Onida	71.43 337	P	P	11 03 28.2 -0.1
G30A	Faulton	71.48 338	P	P	11 03 28.5 -0.1
SRU	San Rafael	71.53 327	eP	P	11 03 31.0 +1.8
E33A	Westby DABS, E	71.64 340	P	P	11 03 29.5 -0.1
I27A	Quinn	71.66 335	P	P	11 03 30.5 +0.7
H28A	Mission Ridge	71.78 336	P	P	11 03 31.0 +0.6
P18A	Preston Nutter	71.78 327	eP	P	11 03 33.0 +2.1
J25A	Sunshine Ranch	71.80 334	P	P	11 03 32.2 +1.5
F31A	Hecla	71.81 339	P	P	11 03 31.2 +0.6
C36A	Pine Crest Far	71.85 343	P	P	11 03 30.9 +0.1
CCUT	Center City	71.89 324	eP	P	11 03 34.4 +2.9
G28A	Parade	72.08 337	P	P	11 03 33.5 +1.2
C35A	Jirik Farms, M	72.12 342	P	P	11 03 33.1 +0.8
H27A	Howes	72.14 336	P	P	11 03 33.5 +0.8
GSC	Goldstone	72.28 320	eP	P	11 03 36.1 +2.4
I25A	Rochford	72.29 334	P	P	11 03 35.2 +1.5
K22A	Casper	72.36 332	P	P	11 03 35.4 +1.3
H26A	Fairpoint	72.40 335	P	P	11 03 35.1 +0.9
B35A	Bob, Littlefor	72.65 343	P	P	11 03 35.3 -0.2
C33A	Trail	72.69 341	P	P	11 03 35.7 -0.1
F28A	McLaughlin	72.69 337	P	P	11 03 36.4 +0.5
G27A	Dupree	72.72 336	P	P	11 03 36.6 +0.6
H25A	Fruitdale	72.73 335	P	P	11 03 37.1 +0.9
BLG	Laguna Peak	72.87 318	P	P	11 03 37.0 -0.2
B34A	Aery, Baudette	73.02 342	P	P	11 03 38.2 +0.5
HTU	Hoyt Peak	73.06 327	eP	P	11 03 37.7 -0.7
D30A	Buchanan	73.07 339	P	P	11 03 38.4 +0.4
TPNV	Topoph Spring	73.09 322	P	P	11 03 40.0 +1.4
B33A	Robert and Kas	73.10 342	P	P	11 03 38.4 +0.3
FURC	Furnace Creek,	73.11 321	P	P	11 03 39.3 +0.8
G25A	Newell	73.13 335	P	P	11 03 39.3 +0.8
F27A	Lenon	73.17 336	P	P	11 03 39.6 +1.0
AGMN	Agassiz Nation	73.20 341	P	P	11 03 39.3 +0.5
MPMC	Manual Prospec	73.21 320	P	P	11 03 39.8 +0.5
E28A	Huff	73.28 338	P	P	11 03 40.0 +0.7
C31A	Landman Farms,	73.33 340	P	P	11 03 39.7 +0.2
F26A	Lodgepole	73.39 336	P	P	11 03 40.0 -0.1
B32A	Ashes, Strandq	73.49 341	P	P	11 03 40.6 +0.2
C30A	Mose, Pekin	73.50 339	P	P	11 03 40.3 -0.2
DUG	Dugway	73.51 326	P	P	11 03 42.1 +1.1
DUG	Dugway	73.51 326	eP	P	11 03 43.2 +2.2
ISA	Isabella	73.53 320	P	P	11 03 42.2 +1.2
R11A	Troy Canyon, C	73.69 323	P	P	11 03 43.0 +0.9
E26A	Carlson Angus	73.83 336	P	P	11 03 43.5 +1.0
PDAR	Pinedale Arroy	73.84 330	P	P	11 03 43.8 +0.9
HWUT	Haware Ranch	73.93 328	eP	P	11 03 44.8 +1.3
MDND	Maddock	74.00 339	P	P	11 03 44.6 +1.1
YES	Vestal, Richgr	74.02 319	P	P	11 03 45.8 +2.0
B30A	Myrick Farm, E	74.10 340	P	P	11 03 44.7 +0.6
E25A	Miller Ranch,	74.22 336	P	P	11 03 45.5 +0.7
SMMC	Simmler	74.23 318	P	P	11 03 47.0 +1.8
AHID	Auburn Hatcher	74.57 329	eP	P	11 03 48.7 +1.5
HVU	Hansel Valley	74.66 327	eP	P	11 03 49.1 +1.5
D25A	Fairfield	74.73 336	P	P	11 03 48.9 +1.2
B28A	Dugan Ranch, T	74.77 339	P	P	11 03 48.9 +1.0
A29A	Manning Farm,	74.81 340	P	P	11 03 48.7 +0.6
REDW	Red Top Meadow	74.91 330	eP	P	11 03 50.7 +1.6
ULM	Lac du Bonnet	74.96 342	P	P	11 03 48.1 -0.8
MOOV	Moose Ponds	75.15 330	eP	P	11 03 51.8 +1.3
NVAR	Mina Arroy Bea	75.29 322	eP	P	11 03 52.6 +1.2
FLWY	Flagg Ranch	75.38 330	P	P	11 03 53.8 +2.0
LAO	LASA Array	75.48 334	P	P	11 03 54.0 +1.9
RLMT	Red Lodge	75.53 332	P	P	11 03 54.1 +1.5
RLMT	Red Lodge	75.53 332	eP	P	11 03 54.4 +1.7
A26A	Wade Farm, Ken	75.75 338	P	P	11 03 55.4 +2.0
YMR	Madison River	75.95 330	eP	P	11 03 58.0 +3.0
HLID	Hailey	76.79 328	P	P	11 04 01.7 +2.0
HLID	Hailey	76.79 328	eP	P	11 04 01.9 +2.2
TORD	Torodi Ar, Bea	76.97 70	P	P	11 04 00.7 -0.5
BOZ	Bozeman (W)	77.00 331	P	P	11 04 02.2 +1.4
ORV	Oroville	77.90 321	eP	P	11 04 08.2 +2.3

M50	Missoula	78.95 330	P	P	11 04 13.7 +2.2
BMO	Blue Mountains	79.17 327	eP	P	11 04 14.4 +1.7
M04C	Macdoel	79.54 322	P	P	11 04 16.2 +1.3
T5UM	Tsumeb	79.94 107	eP	P	11 04 19.0 +1.4
YBH	Yreka Blue Hor	80.00 322	P	P	11 04 17.1 -0.2
J05D	Fort Rock, OR	80.18 324	P	P	11 04 19.8 +1.4
J04D	Umpqua Nationa	80.64 323	P	P	11 04 22.4 +1.6
I05D	Terrebonne, OR	80.93 325	P	P	11 04 24.5 +2.3
BOSA	Boshof	83.44 118	P	P	11 04 36.4 +0.5
MAW	Mawson	84.69 163	P	P	11 04 42.4 +1.2
YKA	Yellowknife Ar	90.84 341	P	P	11 05 10.7 +0.2
ASAR	Alice Springs	130.43 208	PKP		

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MSHR Mys Shultsa, PALK Pallekele, HHC Hu-ho-hao-te, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MRZ Mangatoinaka Rm, BKZ Black Stump Fm, URZ Urewera, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ULN Afiamalu, ULN Ulaanbaatar, SOMM Songino Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, YAK Yakutsk, and MAW Mawson.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW Mawson, WBK Wadi Bani Khal, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GAMB Gambell, IVRN Varamin, and various other stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Wetzell, Mina Array Sit, and various other stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Bozeman, Hansen, and various other stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like YRC, Miller Ranch, and various other stations.

I29A	Vivian Onida	123.75	41	P	PKPdf	11 48 12.0	-0.4
L28A	Connealy Angus	123.78	44	P	PKPdf	11 48 12.6	0.0
B32A	Ashes, Strandq	123.95	35	P	PKPdf	11 48 11.9	-0.7
D31A	Mccafflin, Tow	123.95	37	P	PKPdf	11 48 12.9	+0.3
G30A	Faulkton	124.00	39	P	PKPdf	11 48 12.5	-0.3
J29A	Okreek	124.00	42	P	PKPdf	11 48 12.7	-0.2
E31A	Nome	124.10	37	P	PKPdf	11 48 12.6	-0.4
MNTX	Cornudas Mount	124.10	57	P	PKPdf	11 48 14.2	+0.7
MNTX	Cornudas Mount	124.10	57	ePKPdf	PKKpPbc	11 48 13.4	0.0
MNTX	KSC0 Kaye Shedlock	124.11	47	P	PKPdf	11 48 14.0	+0.6
KSC0	Kaye Shedlock	124.11	47	ePKPdf	PKKpPbc	11 48 14.3	+0.9
F31A	Hecla	124.21	38	P	PKPdf	11 48 12.7	-0.5
N28A	Pribbeno Ranch	124.27	45	P	PKPdf	11 48 13.9	+0.3
K29A	Lazy Trails An	124.28	42	P	PKPdf	11 48 13.5	0.0
A33A	Warroad	124.30	34	P	PKPdf	11 48 13.1	-0.2
O28A	Krutsinger Ran	124.32	46	P	PKPdf	11 48 14.3	+0.6
I30A	Odoma	124.37	41	P	PKPdf	11 48 13.6	0.0
AGMN	Agassiz Nation	124.39	35	P	PKPdf	11 48 12.9	-0.5
AGMN	Agassiz Nation	124.39	35	ePKPdf	PKKpPbc	11 48 13.2	-0.3
L29A	Maesberg Ranch	124.46	43	P	PKPdf	11 48 13.6	-0.3
P28A	Saint Francis	124.54	46	P	PKPdf	11 48 14.5	+0.4
B33A	Robert and Kas	124.55	35	P	PKPdf	11 48 13.3	-0.4
M29A	Burnside Ranch	124.57	44	P	PKPdf	11 48 13.9	-0.2
J30A	Dallas	124.59	41	P	PKPdf	11 48 13.7	-0.3
Q28A	Sharon Springs	124.67	47	P	PKPdf	11 48 15.2	+0.8
H31A	Wolsey	124.72	40	P	PKPdf	11 48 14.2	0.0
C33A	Trail	124.72	35	P	PKPdf	11 48 13.5	-0.6
K30A	Basset	124.79	42	P	PKPdf	11 48 14.5	+0.1
HPIG	Wolsey	124.85	62	ePKPdf	eSdif	11 48 15.3	+0.1
HPIG	Wolsey	124.85	62	ePKPdf	eSdif	11 57 58.3	+6.9
N29A	Votaw Ranch, W	124.86	45	P	PKPdf	11 48 14.4	-0.2
I31A	Royce, Wessing	124.89	40	P	PKPdf	11 48 14.9	+0.3
R28A	Tribune	124.94	48	P	PKPdf	11 48 15.8	+0.9
B34A	Aery, Baudette	124.96	34	P	PKPdf	11 48 14.3	-0.2
D33A	AnnSam, Waubun	125.01	36	P	PKPdf	11 48 14.1	-0.6
O29A	4D Ranch, Culb	125.01	45	P	PKPdf	11 48 15.1	+0.1
L30A	Spencer Herefo	125.02	43	P	PKPdf	11 48 14.1	-0.8
J31A	Geddes	125.09	41	P	PKPdf	11 48 14.4	-0.6
P29A	Atwood	125.12	46	P	PKPdf	11 48 15.5	+0.3
S28A	Manter	125.14	49	P	PKPdf	11 48 15.5	+0.1
CLNB	Carlsbad	125.20	56	ePKPdf	PKKpPbc	11 48 16.6	+1.0
N30A	Huffell Ranch,	125.24	40	P	PKPdf	11 48 16.0	+0.6
E33A	Westby DABS, E	125.25	37	P	PKPdf	11 48 15.1	-0.1
C34A	RKJ Ranch, Bem	125.27	35	P	PKPdf	11 48 14.8	-0.4
Q29A	Oakley	125.35	47	P	PKPdf	11 48 16.1	+0.4
H32A	Carlson Farm,	125.37	39	P	PKPdf	11 48 15.5	0.0
K31A	O'Neill	125.38	42	P	PKPdf	11 48 15.3	-0.3
R29A	Marienthal	125.41	48	P	PKPdf	11 48 16.8	+1.0
F33A	5 Mile Ranch,	125.42	37	P	PKPdf	11 48 15.8	+0.3
O30A	NW Ranch, Wils	125.51	45	P	PKPdf	11 48 16.2	+0.2
L31A	Butterfield Fa	125.52	42	P	PKPdf	11 48 15.4	-0.4
B35A	Bob, Littlefor	125.54	34	P	PKPdf	11 48 15.3	-0.3
I32A	Karley and Nic	125.58	40	P	PKPdf	11 48 16.0	+0.1
MSTX	Muleshoe	125.62	53	PKPdf	PKKpPbc	11 48 17.1	+0.8
MSTX	Muleshoe	125.62	53	ePKPdf	PKKpPbc	11 48 16.9	+0.5
P30A	Selden	125.63	46	P	PKPdf	11 48 16.6	+0.5
J32A	Parkston	125.64	41	P	PKPdf	11 48 16.3	+0.3
G33A	Ortonville	125.65	38	P	PKPdf	11 48 15.9	0.0
S29A	Ulysses	125.71	48	P	PKPdf	11 48 17.6	+1.2
H33A	Prehn Over Nor	125.72	39	P	PKPdf	11 48 16.0	-0.1
E34A	Wadena	125.73	36	P	PKPdf	11 48 15.9	-0.2
T29A	Hugoton	125.74	49	P	PKPdf	11 48 17.8	+1.3
C35A	Jirik Farms, M	125.77	34	P	PKPdf	11 48 15.6	-0.6
M31A	Lambrecht Ranc	125.78	43	P	PKPdf	11 48 15.8	-0.6
Q30A	Quinter	125.86	47	P	PKPdf	11 48 17.0	+0.4
K32A	Verdigre	125.88	42	P	PKPdf	11 48 16.7	+0.2
I33A	Coleman	125.99	40	P	PKPdf	11 48 17.4	+0.7
O31A	Woolen Ranch,	126.04	45	P	PKPdf	11 48 16.6	-0.4
NRS	Narsarsuaq	126.05	357	ePKIKP	PKKpPbc	11 48 16.1	-0.1
NRS	Narsarsuaq	126.05	357	iP	PKKpPbc	11 48 16.1	-0.1
D35A	Remer	126.07	35	P	PKPdf	11 48 16.4	-0.3
R30A	Dighton	126.09	47	P	PKPdf	11 48 17.1	+0.1
X31A	Lajitas Ar. Si	126.09	59	ePKPpre	PKKpPbc	11 48 13.3	0.0
TXAR	Lajitas Array	126.09	59	PKP	PKKpPbc	11 48 17.5	+0.1
TXAR	comp=Z,6.9nm,0.8s,baz=242,slow=1.9,SNR=40			SKPbc	SKPbc	11 51 21.8	
TXAR	comp=Z,1.8nm,0.8s,baz=278,slow=2.5,SNR=40			SKKpPbc	SKKpPbc	12 01 26.1	-4.1
G34A	Benson	126.12	38	P	PKPdf	11 48 17.3	+0.4
L32A	Elgin	126.15	42	P	PKPdf	11 48 17.0	-0.1
E35A	Pequot Lakes	126.16	36	P	PKPdf	11 48 16.6	-0.3
S30A	Montezuma	126.19	48	P	PKPdf	11 48 18.7	+1.4
AMTX	Amarillo	126.20	52	P	PKPdf	11 48 18.5	+1.0
AMTX	Amarillo	126.20	52	ePKPdf	PKKpPbc	11 48 19.2	+1.8
J33A	Davis	126.23	40	P	PKPdf	11 48 17.1	-0.1
P31A	Stockton	126.25	46	P	PKPdf	11 48 18.1	+0.8
ECSD	EROS Data Cent	126.26	40	P	PKPdf	11 48 17.3	+0.1
ECSD	EROS Data Cent	126.26	40	ePKPdf	PKKpPbc	11 48 17.2	+0.1
CBKS	Cedar Bluff	126.28	47	ePKIKP	PKKpPbc	11 48 18.4	+1.0
CBKS	Cedar Bluff	126.28	47	P	PKPdf	11 48 17.9	+0.5
CBKS	Cedar Bluff	126.28	47	ePKPdf	PKKpPbc	11 48 18.4	+1.0
BGNE	Belgrade	126.32	43	P	PKPdf	11 48 17.3	-0.1

baz=126	BGNE	Belgrade	126.32	43	ePKPpre	PKKpPbc	11 48 17.8	+0.5
baz=126	H34A	Spelman Lake,	126.32	38	P	PKPdf	11 48 12.7	+0.5
baz=126	C36A	Pin Crest Far	126.37	34	P	PKPdf	11 48 17.2	-0.1
baz=126	F35A	Swanville	126.43	37	P	PKPdf	11 48 17.0	-0.4
baz=126	U30A	WK&E Inc. Balk	126.44	50	P	PKPdf	11 48 18.7	+0.9
baz=126	Q31A	Ellis	126.45	46	P	PKPdf	11 48 18.4	+0.6
baz=126	N32A	Stulken Farm,	126.50	44	P	PKPdf	11 48 18.2	+0.5
baz=126	D36A	Goodland	126.52	35	P	PKPdf	11 48 17.2	-0.3
baz=126	R31A	Burdett	126.63	47	P	PKPdf	11 48 19.0	+0.9
baz=126	V30A	Spit Ranch, Mi	126.68	50	P	PKPdf	11 48 19.6	+1.2
baz=126	Q32A	Brookman Farm,	126.72	44	P	PKPdf	11 48 18.1	+0.2
baz=126	C37A	Embarrass	126.75	34	P	PKPdf	11 48 17.8	-0.1
baz=126	P32A	Huizing Farm,	126.76	45	P	PKPdf	11 48 18.8	+0.6
baz=126	ES19	SONECA Array	126.79	315	ePKPdf	SKPbc	11 48 19.4	+1.0
baz=126	G35A	Watons	126.82	37	P	PKPdf	11 48 18.9	+0.7
baz=126	E36A	McGregor	126.84	35	P	PKPdf	11 48 18.5	+0.3
baz=126	ESDC	Sonaca Array	126.85	315	PKP	PKPdf	11 48 19.3	+0.8
baz=126	ESDC	comp=Z,3.8nm,1.1s,baz=51,slow=3.0,SNR=60			PP	11 50 17.8	+0.4	
baz=126	ESDC	comp=Z,1.1nm,1.1s,baz=53,slow=6.6,SNR=6.6			SKPbc	11 51 22.6		
baz=126	H35A	Sunnyside Ranc	126.89	38	P	PKPdf	11 48 18.4	0.0
baz=126	M33A	Taylor Creek F	126.89	42	P	PKPdf	11 48 18.3	-0.2
baz=126	J34A	George	126.89	40	P	PKPdf	11 48 18.1	-0.3
baz=126	S31A	Mullinville	126.92	48	P	PKPdf	11 48 19.5	+0.8
baz=126	D37A	Cotton	126.95	34	P	PKPdf	11 48 18.6	+0.2
baz=126	W30A	Crocket Farms	126.96	51	P	PKPdf	11 48 20.0	+1.1
baz=126	T31A	Ranall Ranch,	126.97	49	P	PKPdf	11 48 19.5	+0.7
baz=126	X30A	Coker Ranch, T	126.97	52	P	PKPdf	11 48 19.5	+0.6
baz=126	EYMN	Ely	127.00	33	P	PKPdf	11 48 18.6	+0.2
baz=126	EYMN	Ely	127.00	33	ePKPdf	PKKpPbc	11 48 18.9	+0.4
baz=126	F36A	Milaca	127.02	36	P	PKPdf	11 48 18.9	+0.2
baz=126	Q32A	Meliter Ranch,	127.05	46	P	PKPdf	11 48 19.4	+0.5
baz=126	N33A	J Bar K, Exete	127.09	43	P	PKPdf	11 48 18.8	-0.1
baz=126	K34A	Le Mars	127.09	41	P	PKPdf	11 48 19.0	+0.1
baz=126	Y30A	Stafford Cattl	127.13	53	P	PKPdf	11 48 19.9	+0.7
baz=126	Z30A	Sanderson Ranch	127.13	54	P	PKPdf	11 48 19.6	+0.4
baz=126	R32A	Long Quarter,	127.17	47	P	PKPdf	11 48 19.7	+0.6
baz=126	PAB	San Pablo	127.17	315	ePKIKP	PKKpPbc	11 48 20.5	+1.4
baz=126	PAB	San Pablo	127.17	315	ePKIKP	PKKpPbc	11 50 19.3	+0.3
baz=126	PAB	San Pablo	127.17	315	ePKIKP	PKKpPbc	11 50 19.3	-0.3
baz=126	I35A	Creekview Farm	127.22	39	P	PKPdf	11 48 19.1	+0.1
baz=126	C38A	Sawhill Land.	127.25	33	P	PKPdf	11 48 19.1	+0.1
baz=126	G36A	St. Michael	127.25	37	P	PKPdf	11 48 19.4	+0.4
baz=126	O33A	Hebron	127.28	44	P	PKPdf	11 48 19.1	-0.2
baz=126	E37A	Wrethshall	127.30	35	P	PKPdf	11 48 19.3	+0.2
baz=126	V31A	Spring Creek L	127.32	50	P	PKPdf	11 48 21.0	+1.5
baz=126	M34A	Aspy Farms, Fr	127.33	42	P	PKPdf	11 48 18.6	-0.7
baz=126	J35A	Milford	127.33	40	P	PKPdf	11 48 19.6	+0.4
baz=126	W31A	Holland Ranch,	127.44	51	P	PKPdf	11 48 20.7	+0.9
baz=126	130A	Snyder	127.47	54	P	PKPdf	11 48 20.9	+1.0
baz=126	P33A	Williams Farm,	127.48	45	P	PKPdf	11 48 20.3	+0.7
baz=126	T32A	Huddler Ranch,	127.50	48	P	PKPdf	11 48 20.9	+1.1
baz=126	H36A	Jessenland, He	127.50	38	P	PKPdf	11 48 20.1	+0.6
baz=126	Z30A	Sterling City	127.56	55	P	PKPdf	11 48 20.6	+0.6
baz=126	Q33A	Connelly Farm,	127.56	46	P	PKPdf	11 48 20.2	+0.4
baz=126	X31A	McDonald Ranch	127.61	52	P	PKPdf	11 48 20.8	+0.8
baz=126	Y31A	Rekieta Farm,	127.61	52	P	PKPdf	11 48 21.5	+1.4
baz=126	K35A	Storm Lake	127.63	40	P	PKPdf	11 48 20.1	+0.3
baz=126	330A	Mertzon	127.64	56	P	PKPdf	11 48 21.1	+0.8
baz=126	TORD	Torodi Ar. Bea	127.69	281	PKP	PKPdf	11 48 20.6	-0.1
baz=126	TORD	comp=Z,7.2nm,1.0s,baz=73,slow=1.7,SNR=131			SKPbc	11 51 26.1		
baz=126	N34A	Lincoln	127.69	43	P	PKPdf	11 48 20.2	+0.2
baz=126	L35A	Glenn Farm, R	127.73	41	P	PKPdf	11 48 20.6	+0.6
baz=126	U32A	Winter Ranch,	127.74	49	P	PKPdf	11 48 21.2	+0.9
baz=126	R33A	Olander Ranch,	127.74	46	P	PKPdf	11 48 21.2	

s-maj=23.6km s-min=14.0km az=39.0
NEIC 15 12:03:33.6,0.6,26.78S, 178.61E, h630km, gm, mb5.0/22,
Error ellipse: s-maj=10.7km s-min=7.5km az=83.0

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

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

ISC/JB 15 12:12:45.0,0.7,59.61N,0.06,22.33E,0.06,h0km,Error
ellipse: s-maj=6.5km s-min=4.2km az=9.0

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

ISC/JB 15 12:16:41.2,0.4,59.71N,0.04,22.42E,0.05,h0km,
mb3.5/2, Error ellipse: s-maj=6.0km s-min=3.4km

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

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

NAO 15 12:16:55.9,1.6,59.46N,22.06E,ML2.6
IDC 15 12:16:57.0,1.4,59.44N,22.58E,h0km,mb3.2/2,
mb1.3/6.7,mb1mx3.3/4.5,mbtm3.5/7,ML3.3/5,Error
ellipse: s-maj=18.8km s-min=8.9km az=154.0

BER 15 12:16:57.6,2.4,59.56N,21.78E,h0km,ML2.6(NAO),
Suspected explosion

ISC 15 12:16:54.0,1.1,59.41N,0.10,21.94E,0.05,h0km,n15,
i1259/19, Baltic States-Belarus-Northwestern Russia

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

ISC 15 12:17:16.4,1.9,59.47N,22.65E,h0km,mb3.1/2,
mb1.3/6.6,mb1mx3.3/4.4,mbtm3.5/6,ML3.7/3,Error
ellipse: s-maj=25.2km s-min=14.1km az=133.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SPITS Spitsbergen Ar, TORO Torodi Ar, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like IDC 15:12:17-41.9, FINES FINESS Array B, NOA NORSAR Array B, ARCES ARCES Array B, TORO Torodi Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like IDC 15:12:19:58.8, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CSEM 15:12:47:23.0, PCED Cedros, ROSA Rosais, PCAN Candelaria, PICO Pico.

ISK 15:13:12:55.0, DDA 15:13:12:55.0, CSEM 15:13:12:55.0, ISK 15:13:12:55.7, 1.40, 0.06, 0.03, 38.64E, 0.02, h9km, g9km, n36, e057/51, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SUSE Susehri, KELT Kelkit, ILIC ilic-Erzincan, REF A Refahiye_ERZ, CUZAR Zara_SIVAS, GUMT Gumushane, ESPY Espiye-Giresun, ERZIN Erzincan, RSDY Resadiye-TOKAT, ORDU Ordu-Boztepe, CUKAN kangal_SIVAS, BAYT Ayd-ntepe-Bay, MACK Mack, TRABZON Trabzon, KTUT Trabzon, SVSK Karacayir, PTK Pertek, DARE Darendemalaty, BINT Biring, DDEM Demirkent, DBAD Bademkaya, DAGI Agillar.

ATH 15:13:19:46.8, IDC 15:13:19:47.1, mb1 3.4/2.4, mb1mx3.7/32, mbtmp4.0/4, Error ellipse: s-maj=1.7km s-min=1.39km az=169.0

ISC 15:13:19:50.0, 1.0, 35.40N, 0.04, 21.50E, 0.05, h22km, g8km, n183, e1901/206, mb3.9/17, Central Mediterranean Sea

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like PYL PYLOS, KYTH Kithira, ANKY Antikythira Is, VLM Vlachokerasia, KRND KRANIDI, DID Didima, DRO Drossia, GUR Goura, MHLO Agia Marina, MHLO Agia Marina, KLV Kalavryta, KLV Kalavryta, SIVA Sivas, KFL Annineta, KFL Annineta, IDI Anoyia, IDI Anoyia, THAL Thaler, THAL Thaler, LAKA Lakka, LAKA Lakka, VLS Valsamata, VLS Valsamata, LTRK Loutraki, IACM Heraklion, IACM Heraklion, RODI Rodini, RODI Rodini, SERI Serifos, SERI Serifos, KALE Kalithea, KALE Kalithea, KALE Kalithea, KALE Kalithea, KALE Kalithea, KALE Kalithea, SERG Sergoula, SERG Sergoula, SERG Sergoula, SERG Sergoula, VLY Voula, VLY Voula, DSF Desfina, DSF Desfina, DESP Desfina, ATH Athens Observa, ATH Athens Observa, PDD Prodromos, PDD Prodromos, PVO Paravolia, PVO Paravolia, PTL Penteli, PTL Penteli, LAST Lasithi, LAST Lasithi, SANT Santorini, SANT Santorini, NPS Neapolis, NPS Neapolis, LKR Lokris, LKR Lokris, LKR Lokris, LKR Lokris, ATAL Atalanti, ATAL Atalanti, ATAL Atalanti, EVR Erythria, EVR Erythria, ERE Erertra, ERE Erertra, MAKRA Makrakomi, MAKRA Makrakomi, MAKRA Makrakomi, APK Apeiranthos, APK Apeiranthos, AGE Agios Georgios, AGE Agios Georgios, AGG Agios Georgios, AGG Agios Georgios, SMIA Simia, SMIA Simia, SMIA Simia, DSL Palaion Diasel, DSL Palaion Diasel, ZSK Zakros, ZSK Zakros, LTBO Tibruch, LTBO Tibruch, SKIA Skiathos, SKIA Skiathos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SKIA Skiathos, NEO Neokhori, NEO Neokhori, FYTO Fytoko, Volos, FYTO Fytoko, Volos, THL Klokotos Trika, JAN Janina, JAN Janina, SGD Sagiada, SGD Sagiada, KEK Kerkira, KEK Kerkira, LJBD Adajaby, LJBD Adajaby, KARP Karpathos, KARP Karpathos, PENT Pentafelos, PENT Pentafelos, NEST Nestorio, NEST Nestorio, NEST Nestorio, NEST Nestorio, ARG Arkhangelos, ARG Arkhangelos, OHR Ohrid, OHR Ohrid, KHAL Kharali, KHAL Kharali, BRTR Keskin Array B, BRTR Keskin Array B, MMAL Mount Meron Ar, MMAL Mount Meron Ar, EIL Eliat, EIL Eliat, AKASG Malin Array B, AKASG Malin Array B, KBZ Khabaz, KBZ Khabaz, ESDC Sonseca Array, ESDC Sonseca Array, HFS Hagfuros, HFS Hagfuros, EKA Eskelimos Ar, EKA Eskelimos Ar, FINES FINESS Array B, FINES FINESS Array B, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, TORO Torodi Ar, TORO Torodi Ar, ARCES ARCES Array B, ARCES ARCES Array B, DBIC Dimbokro, DBIC Dimbokro, BVAR Borovoye Array, BVAR Borovoye Array, AAK Akrotiri, AAK Akrotiri, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SONM Songoing Array, SONM Songoing Array, YKAR Chiang Mai Arr, YKAR Chiang Mai Arr, YKA Yellowknife Ar, YKA Yellowknife Ar, ILAR Eielson Array, ILAR Eielson Array.

ISCJB 15:13:20:26.0, 0.3, 5.14S, 0.03, 133.67E, 0.04, h25km, mb3.8/7, MS3.7/2, Error ellipse: s-maj=5.7km s-min=4.2km az=165.6

IDC 15:13:20:26.2, 1.0, 5.15S, 133.52E, h0km, mb3.8/7, mb1 4.2/1.1, mb1mx4.0/39, mbtmp4.1/11, ML4.3/3, MS3.6/4, MS1 3.6/4, ms1mx3.1/28, Error ellipse: s-maj=36.4km s-min=21.3km az=65.0

DJA 15:13:20:29.1, 1.0, 5.2S, 133.4E, h27km, 12km, M4.5/4, mb4.5/4, mb5.3/1, Mw(mb)4.8/1

NEIC 15:13:20:29.1, 1.0, 5.03S, 133.51E, h15km, 40km, mb4.1/2, SWEI Error ellipse: s-maj=21.3km s-min=10.2km az=56.0

AUST 15:13:20:32.1, 0.0, 5.00S, 133.54E, h28km, Error ellipse: s-maj=0.8km s-min=0.7km az=31.0

ISC 15:13:29:4.0, 6.5, 0.07S, 146.06E, h25km, n53, e164/53, mb3.8/7, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like KMPI Kaimama, Papua, KMPI Kaimama, FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, BNDI Bandanaira, SWI Sorong, SWI Sorong, NLAI Namlea, NLAI Namlea, GENI Genyem, GENI Genyem, JAY Jayapura, JAY Jayapura, LBMI Labuan, LBMI Labuan, KDU Kadaku, KDU Kadaku, SANI Sanana, SANI Sanana, SOEI Soe, SOEI Soe, SOEI Soe, SOEI Soe, LUWI Luwuk, LUWI Luwuk, KNRA Kuntura, KNRA Kuntura, GTOI Gorontalo, GTOI Gorontalo, APSI Ampama, APSI Ampama, COEN Coen, COEN Coen, COEN Coen, COEN Coen, MANU Manus Island, MANU Manus Island, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PCI Palau, PCI Palau, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

SONM	comp=Z,432nm,18.6s	MLR	MLR		
SONA1	Songino Array	27.17 325	eP	P	14 25 23.0 +0.9
SONA1	GTA		eP	P	14 25 29.6 -1.0
GTA	Gaotai	27.37 303	eP	P	14 25 22.8 -1.2
GTA			pP	P	14 25 32.4 +0.1
GTA			pP	S	14 25 36.5 +0.4
GTA			S	S	14 29 57.4 -4.8
GTA	comp=Z,16nm,1.1s		PMZ		
GTA	comp=Z,120nm,6.2s		PMZ		
GTA	comp=Z,790nm,15.4s		LE		
GTA	comp=Z,940nm,15.9s		LE		
GTA	comp=Z,1µm,17.1s		LZ		
LOEI	Loei	27.87 255	P	P	14 25 26.9 -1.6
CHAI	Chaiyaphum	27.99 251	P	P	14 25 30.6 +1.0
LBM1	Labuha	28.03 184	P	P	14 25 31.0 +1.1
PBKT	Sadao Pong	28.54 254	P	P	14 25 35.9 +1.4
CMAI	Chiangmai2	28.85 262	P	P	14 25 38.3 +0.9
SRAK	Srakaw	28.90 248	P	P	14 25 34.7 -3.0
APSI	Ampana	29.23 196	P	P	14 25 41.1 +0.5
NAYO	Nakonayok	29.24 249	P	P	14 25 44.8 +3.2
CHTO	Chiang Mai	29.35 259	P	P	14 25 41.8 +0.1
CHTO	Chiang Mai	29.35 259	eP	P	14 25 41.6 -0.1
CHTO	comp=Z,12nm,0.8s		eP	P	14 25 41.6 -0.1
CHTO	comp=Z,2nm,0.8s		eP	P	14 25 41.6 -0.1
CMAR	Chiang Mai Arr	29.49 259	P	P	14 25 42.4 -0.6
CMAR	comp=Z,2.8nm,0.7s,baz=55,slo=7.5,SNR=29		P	P	14 25 42.4 -0.6
CMAR	comp=Z,2.2nm,0.7s,baz=51,slo=1.3,SNR=13		LR	LR	14 28 49.4 +1.3
CMAR	comp=Z,382nm,19.1s,baz=80,slo=40		P	P	14 25 43.5 +0.6
CMAR	Chiang Mai Arr	29.49 259	eP	P	14 25 43.5 +0.6
CMAR	comp=Z,3.0nm,0.7s		pmax	pmax	
SANI	Sanana	29.56 187	P	P	14 25 43.6 +0.1
PCI	Palu	29.73 200	P	P	14 25 44.2 -0.8
SBUM	Sibu	29.90 217	eP	P	14 25 45.5 -1.0
MHMT	Maesarieng	30.48 259	P	P	14 25 52.9 +1.2
UMPA	Umpang Tak	30.51 255	P	P	14 25 55.7 +3.7
KHLT	KhaoIaem Dam	31.39 253	P	P	14 26 01.6 +1.8
KSM	Kuching	31.75 219	eP	P	14 26 03.8 +1.0
SHL	Shillong	33.65 275	eP	P	14 26 18.5 -1.2
KAPI	Kappang	33.66 198	LR	LR	14 39 01.8
LSA	Lhasa	33.66 283	P	P	14 26 20.1 0.0
LSA	comp=Z,15nm,1.0s		PMZ		
LSA	Lhasa	33.66 283	eP	P	14 26 18.4 -1.7
LSA	comp=Z,8.0nm,0.6s		eP	P	14 26 18.4 -1.7
LSA	Lhasa	33.66 283	eP	P	14 26 18.4 -1.7
SURT	Suratani	34.36 243	P	P	14 26 27.3 +1.6
KRAB	Krabi	34.49 242	P	P	14 26 28.5 +1.6
YAK	Yakutsk	34.54 0	LR	LR	14 41 20.7
YAK	comp=Z,184nm,18.5s,baz=164,slo=38		LR	LR	14 41 20.7
YAK	Yakutsk	34.54 0	eP	P	14 26 24.1 -2.6
YAK	comp=Z,29nm,0.9s		pmax	pmax	
YAK	comp=N,13nm,1.1s		pmax	pmax	
YAK	comp=E,6.0nm,1.4s		pmax	pmax	
YAK	Yakutsk	34.54 0	eP	P	14 26 25.3 -1.4
YAK	comp=E,27nm,0.8s		eP	P	14 26 25.3 -1.4
H1N12	WAKE ISLAND Hy	35.00 95	T	T	15 03 55.3
H1N11	WAKE ISLAND Hy	35.01 95	T	T	15 04 07.7
H1N13	WAKE ISLAND Hy	35.02 95	T	T	15 03 56.4
KULM	Kulim	35.24 236	eP	P	14 26 34.2 +0.9
H1S13	WAKE ISLAND Hy	35.26 97	T	T	15 04 23.3
H1S11	WAKE ISLAND Hy	35.26 97	T	T	15 04 18.5
H1S12	WAKE ISLAND Hy	35.27 97	T	T	15 04 42.7
TAPN	Taplejung	36.99 280	eP	P	14 26 48.4 -0.1
WMQ	Urumqi	37.26 307	eP	P	14 26 51.8 +1.5
WMQ	Urumqi	37.26 307	eP	P	14 26 51.9 +1.6
WMQ	comp=Z,6.0nm,0.5s		eP	P	14 27 02.1 +3.1
WMQ	comp=Z,3.3nm,0.8s		S	S	14 32 36.5 +0.7
WMQ	comp=Z,7.0nm,1.0s		PMZ		
WMQ	comp=Z,180nm,4.0s		PMZ		
WMQ	comp=Z,810nm,8.4s		LN		
WMQ	comp=Z,840nm,10.0s		LE		
WMQ	comp=Z,920nm,17.8s		LZ		
ODAN	Odare	37.36 279	eP	P	14 26 51.5 -0.1
RAMN	Ramite	38.03 279	eP	P	14 26 57.0 -0.3
PSI	Prapat	38.18 235	P	P	14 26 59.2 +0.7
PSI	comp=Z,3.8nm,0.5s,baz=343,slo=2.9,SNR=5.5		P	P	14 26 59.2 +0.7
PSI	comp=Z,1.9nm,0.3s,baz=338,slo=10,SNR=2.9		P	P	14 26 59.2 +0.7
PSI	Prapat	38.18 235	P	P	14 29 12.6
PSI	comp=Z,4.0nm,0.7s		pmax	pmax	
PSI	Prapat	38.18 235	eP	P	14 26 59.7 +1.2
PSI	comp=Z,8.0nm,0.9s		eP	P	14 26 59.7 +1.2
JIRN	Jiri	38.26 281	eP	P	14 29 12.6 -0.3
SEY	Seymchan	38.49 17	P	P	14 27 01.5 +1.1
SEY	comp=Z,15nm,1.1s,baz=204,slo=12,SNR=5.1		P	P	14 27 01.5 +1.1
SEY	Seymchan	38.49 17	P	P	14 27 01.0 -0.4
GUN	Gumba	38.49 281	eP	P	14 27 01.3 0.0
PKI	Pulchoki	38.96 281	eP	P	14 27 04.9 -0.3
KKN	Kakar	39.03 281	eP	P	14 27 05.6 -0.1
DMN	Daman	39.22 281	eP	P	14 27 07.2 -0.1
MTN	Manton Dam	40.12 178	eP	P	14 27 13.9 -0.6
GSI	Gunungsitoli	40.18 235	eP	P	14 27 15.2 +0.1
PMG	Port Moresby	40.46 153	P	P	14 27 17.4 0.0
PMG	comp=Z,180nm,0.8s,baz=354,slo=7.9,SNR=11		LR	LR	14 41 52.5
PMG	Port Moresby	40.46 153	iP	P	14 27 17.3 0.0
PMG	comp=Z,82nm,0.8s		pmax	pmax	
PMG	Port Moresby	40.46 153	eP	P	14 27 17.8 +0.5
PMG	comp=Z,20nm,0.8s		eP	P	14 27 17.9 0.0
KOLN	Koldanda	40.50 281	eP	P	14 27 17.9 0.0
MKAR	Makanchi Array	41.58 311	P	P	14 27 24.9 -1.4
MKAR	comp=Z,1.1nm,0.5s,baz=94,slo=10.0,SNR=12		P	P	14 27 24.9 -1.4
MKAR	comp=Z,2.6nm,0.7s,baz=81,slo=3.5,SNR=6.7		P	P	14 29 23.3 +0.1
MKAR	Makanchi Array	41.58 311	eP	P	14 27 26.6 +0.3

MKAR	comp=Z,1.0nm,0.5s	pmax	pmax		
ZALV	Zalesovo Beam	41.96 322	P	P	14 27 26.8 -2.4
ZALV	comp=Z,0.6nm,0.4s,baz=117,slo=8.5,SNR=9.9		P	P	14 29 23.7 -0.5
ZALV	comp=Z,3.5nm,0.9s,baz=116,slo=3.4,SNR=6.3		P	P	14 27 29.3 0.0
ZALV	Zalesovo Beam	41.96 322	iP	P	14 27 29.3 0.0
NVS	Novosibirsk	43.15 322	eP	P	14 27 46.5 +7.7
NVS	comp=Z,7.0nm,1.4s		pmax	pmax	14 29 36.4
NVS	comp=E,6.0nm,1.5s		pmax	pmax	
COEN	Coen	43.28 160	eP	P	14 27 40.6 +0.3
TIXI	Tiksi	44.20 360	iP	P	14 27 46.5 -0.6
TIXI	comp=Z,17nm,2.5s		pmax	pmax	
TIXI	Tiksi	44.20 360	eP	P	14 27 45.5 -1.7
KURK	Kurchatov	44.72 315	P	P	14 27 49.3 -2.3
KURK	comp=Z,1.0nm,0.2s		pmax	pmax	14 29 34.1
KURK	Kurchatov	44.72 315	P	P	14 27 49.3 -2.3
KURK	comp=Z,1.0nm,0.2s		P	P	14 27 49.3 -2.3
KURK	Kurchatov	44.72 315	P	P	14 27 49.3 -2.3
KURB	Kurchatov Arra	44.76 315	P	P	14 27 49.3 -2.6
KURB	comp=Z,1.4nm,0.2s,baz=102,slo=8.9,SNR=8.6		P	P	14 29 34.0 +0.4
FITZ	Fitzroy Crossi	44.76 315	P	P	14 27 58.4 +0.6
FITZ	comp=Z,0.6nm,0.3s,baz=106,slo=4.3,SNR=5.9		P	P	14 27 58.4 +0.6
KSH	Kashi	45.63 299	P	P	14 28 02.4 +3.2
KSH	comp=Z,9.6nm,0.9s		pP	pP	14 28 09.1 +1.1
KSH	Kashi	45.63 299	P	P	14 28 12.3 +0.8
KSH	comp=Z,1.76nm,18.1s,baz=62,slo=40		pP	pP	14 29 49.1 +2.9
KSH	Kashi	45.63 299	P	P	14 33 32.3 +0.9
KSH	comp=Z,13nm,1.0s		S	S	14 34 41.6 +1.4
KSH	comp=Z,260nm,4.0s		LN	LN	
KSH	comp=Z,450nm,7.6s		LE	LE	
KSH	comp=Z,500nm,5.8s		LE	LE	
KSH	comp=Z,370nm,6.4s		LZ	LZ	
TKM2	Tokmak 2	45.91 304	eP	P	14 28 01.4 0.0
TKM2	comp=Z,6.0nm,0.8s		pmax	pmax	
TKM2	Tokmak 2	45.91 304	eP	P	14 28 01.4 0.0
BILL	Bilibino	46.12 18	iP	P	14 28 03.3 +0.9
BILL	comp=Z,2.4nm,0.8s		e	e	14 29 47.3
BILL	Bilibino	46.12 18	eP	P	14 28 02.6 +0.2
BILL	comp=Z,11nm,1.0s		eP	P	14 28 02.6 +0.2
AAK	Ala-Archa	46.72 304	eP	P	14 28 07.2 -0.5
AAK	comp=Z,9.0nm,1.3s		pmax	pmax	
AAK	Ala-Archa	46.72 304	eP	P	14 28 07.2 -0.5
AAK	comp=Z,2.7nm,0.9s		eP	P	14 28 07.0 -0.7
HNR	Honiara	47.07 137	P	P	14 28 11.2 +0.7
HNR	comp=Z,2.1nm,0.7s,baz=218,slo=17,SNR=2.2		P	P	14 28 11.2 +0.7
HNR	Honiara	47.07 137	P	P	14 28 11.2 +0.7
HNR	comp=Z,21nm,0.7s		pmax	pmax	
EKS2	Erkin-Say	47.24 304	eP	P	14 28 11.9 +0.1
EKS2	comp=Z,7.1nm,3.0s		pmax	pmax	
EKS2	Erkin-Say	47.24 304	eP	P	14 28 11.9 +0.1
EKS2	comp=Z,7.1nm,3.0s		eP	P	14 28 11.9 +0.1
WRA	Warramunga Arr	47.38 174	P	P	14 28 12.7 -0.1
WRA	comp=Z,15nm,0.7s,baz=354,slo=8.4,SNR=132		LR	LR	14 47 12.7
WRA	Warramunga Arr	47.38 174	iP	P	14 28 12.6 -0.2
WRA	comp=Z,100nm,21.9s,baz=340,slo=35		pmax	pmax	
WRA	Warramunga Arr	47.38 174	iP	P	14 28 12.6 -0.2
KKAR	Karatay Array	49.64 305	eP	P	14 28 30.0 -0.1
KKAR	Karatay Array	49.64 305	eP	P	14 28 30.0 -0.1
CTA	Charters Tower	49.99 159	P	P	14 28 33.9 +1.0
CTA	comp=Z,23nm,0.8s,baz=338,slo=9.2,SNR=26		P	P	14 28 33.9 +1.0
CTA	Charters Tower	49.99 159	P	P	14 28 33.9 +1.0
CTA	comp=Z,23nm,0.8s		pmax	pmax	
CTA	Charters Tower	49.99 159	eP	P	14 28 33.0 +0.1
CTA	comp=Z,39nm,1.0s		eP	P	14 28 33.0 +0.1
CTA	Charters Tower	49.99 159	eP	P	14 28 33.0 +0.1
BVAR	Borovoye Array	50.12 317	LR	LR	14 51 51.1
BVAR	comp=Z,1µm,18.2s,baz=354,slo=8.4,SNR=132		LR	LR	14 51 51.1
BRVK	Borovoye	50.19 318	iP	P	14 28 33.0 -1.0
BRVK	comp=Z,8.0nm,1.2s		P	P	14 28 32.5 -1.6
BRVK	Borovoye	50.19 318	eP	P	14 28 32.5 -1.6
BRVK	comp=Z,9.9nm,1.0s		eP	P	14 28 38.3 -1.5
ZRNK	Zerenda	50.94 317	eP	P	14 28 38.3 -1.5
ZRNK	comp=Z,7.0nm,0.9s		eP	P	14 28 38.3 -1.5
ZRNK	Zerenda	50.94 317	eP	P	14 28 38.3 -1.5
ZRNK	comp=Z,8.8nm,0.9s		eP	P	14 28 41.0 +0.

15d 14h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GYA, MKAR, HDW, B05A, B06A, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARCES, SWMT, BMO, WDC, J08A, etc.

654

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SFK, UBPT, LRV, YLT, H17A, etc.

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Includes entries like I38A Scanlan Farm, J37A Redenius Farm, M34A Aspy Farms, L35A Bielow Farm, KSM Kuching, ANMO Albuquerque, ANMO Albuquerque, LAZ Ladron, SCHQ Schefferville, K36A Gilmore City, KRAB Krabi, R29A Marienthal, O32A Brockman Farm, TRTT Trang, N33A J Bar Exete, P31A Stockton, Q30A Quinte, SKLT Songkhla, K37A Belmont, S28A Manter, LPM Los Pinos Moun, L36A Horn Buss Farm, M35A Neola, J38A Wedel Dairy, P32A Huiting Farm, GEYT Alibeck, CBKS Cedar Bluff, CBKS Cedar Bluff, CBKS Cedar Bluff, CBKS Cedar Bluff, N34M Lincoln, Q31A Ellis, SPSI Sidrap, IEMG Emangholi, O33A Hebron, STKI Sintang, R30A Dighton, IMYA Miami, S29A Ulysses, L37A Phoenix Point, K38A Parkersburg, M36A Felix Anita, N35A Tabor, SUW Suwalki, SUW Suwalki, O34A Beatrice, Q32A Meitler Ranch, T29A Hugoton, R31A Burdett, P33A Williams Farm, S30A Montezuma, 121A Cookes Peak, 121A Cookes Peak, L38A Oak Wood Farm, SCIA State Center, M37A Trindle Farm, O35A Humboldt, N36A Muff Farm, Q33A Connelly Farm, R32A Long Quarter, P34A Walnut Farm, U29A Oasis Ranch, S31A Mullinville, M38A Pleasantville, N37A Lee Faris, KULM Kulim, JFW5 Jewell Farm, JFW5 Jewell Farm, R33A Olander Ranch, S32A Newby Ranch, P35A Duane Minner, GOF Golfskove, O36A Bolckow, Q34A Chapman, U30A WK&E Inc. Balk, KSU1 Kansas State U, KSU1 Kansas State U, T31A Randall Ranch, BSD Bornholm Skovb, BSD Bornholm Skovb, AKASG Malin Array Be, AKASG Malin Array Be, N38A Joes South For, P36A Good Intent, KIEV Kiev, KIEV Kiev, R34A Isabella Hill, O37A Wolven Farm, T32A Huddler Ranch, BBKI Banjar Baru, Q35A Mercer Eighty

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Includes entries like S33A Kaszmaul Farm, U31A Nine Bar Ranch, N39A Derby Farms, Q36A Arnold C. Orve, O38A Gal, P37A Lathrop, AMTX Amarillo, T33A Patterson Ranc, SRIG Santa Rosalia, R35A Emporia Municipi, S34A Willow Spring, MSTX Muleshoe, MSTX Muleshoe, V31A Spring Creek L, KIV Kislovodsk, P38A Dawn, W30A Crockett Farms, KBZ Khabaz, KBZ Khabaz, R36A Gordon, Harris, Q37A Longview Farm, MNTX Cornudas Mount, MNTX Cornudas Mount, S35A Otter Creek Ra, GKPK Gorka Klasztor, GKPK Gorka Klasztor, T34A McCleary Farm, U33A Lingo Farm, W31A Holland Ranch, V32A Arapaho, R37A Teagarden Farm, COEN Coen, X30A Coker Ranch, P39A Galsbury, Q38A Cooks Store, S36A Lakewood, U34A Anderson Ranch, U34A Anderson Ranch, BEL Belsk, BEL Belsk, V33A Lossen Ranch, T35A Sooner Cattle, Q39A Willow Grove F, W32A Sentinel, X31A McDonald Ranch, S37A Fort Scott, Y30A Stafford Cattl, T36A Boggs Farm, R38A Fenwick Farm, U35A Pawnee, V34A Guthrie, W33A Caddo, Fort Co, Y31A Reklita Farm, BSEB Bad Segeberg, Q40A Laux Farm, HDIL Hopedale, HDIL Hopedale, Z30A Sanson Ranch, R39A Chumby, Stover, X32A Elmer, WMOK Wichita Mounta, WMOK Wichita Mounta, T37A Cheneyville 18, ANN Anapa, ANN Annap, ANN Annap, ANN Annap, ANN Annap, W34A Bridge Creek, V35A Meyer Ranch, U36A Oologah, Y32A R-V Farms, LVV L'vov, X33A Lawton, R40A Maddies Statio, ISHM Shahrizad, AKH Akhalkalaki, Z31A Sharp Cattle R, U37A Sentinel, 130A Snyder, TUL1 Tulsa, TUL1 Tulsa, X34A Smith Ranch, V36A Jenks, KCSI Kotacane, Aech, HYB Hyderabad, HYB Hyderabad, W35A Tecumseh, Y33A Hilltop Ranch, Z32A Haskell, IFIR Firozkooh, 131A Roby

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Includes entries like KWP Kalwaria Pacla, KWP Kalwaria Pacla, U36A Gravette, ILAS Lasjert, V37A Hulbert, W36A Wetu, SFIN Scholer Farm, Z30A Sterling City, CCM Cathedral Cave, CCM Cathedral Cave, OJC Ojcow, OJC Ojcow, Y34A Reagan Ranch, TPTI Whitaker Ranch, Z33A Whitaker Ranch, X35A Drake, ABTX Abilene, Hawle, ABTX Abilene, Hawle, NRDL Niedersach Rie, V38A Canehill, X36A Mertzton, 330A Mertzton, RGR1 Rengat, Z31A Bronte, IGZV Ghazvin, KSP Ksiaz, KSP Ksiaz, STHS Stebnicka Huta, STHS Stebnicka Huta, STHS Stebnicka Huta, BKNi Bangkinang, Z34A Collier Ranch, Y35A Marietta, KOLS Kolonickie sedl, KOLS Kolonickie sedl, TXAR Lajitas Array, TXAR Lajitas Array, NIE Niedzica, NIE Niedzica, CLL Colim, CLL Colim, CLL Colim, CLL Colim, 232A Coleman, UPC Ulice, UPC Ulice, CLC Clausthal, X37A Clayton, 331A San Angelo, W38A Poteau, DPC Dobruska-Polom, DPC Dobruska-Polom, Ostrava-Krasne, OKC Ostrava-Krasne, Z35A Perchaven, BURAR Bucovina Array, IBBN Ibuburen, Y36A Durant, OLIL Olney, BRG Bergjesshubel, BRG Bergjesshubel, KRLC Kraliky, KRLC Kraliky, X38A Whitesboro, 134A White-Moore Ra, 233A Rising Star, 332A Millersview, LANS Liptovska Anna, LANS Liptovska Anna, GTTG Gttingen, Y37A Hugo, 431A Sonora, SIUC Southern Illin, 530A J-C Ranch, IRAZ Blue Ridge, Z36A Blue Ridge, TESR Tescani, 135A Vickery Place, 234A Clairette, 432A Menard, GSI Gunungstoli, GSI Gunungstoli, 333A Richland Spring, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, GPC GO Pecny, Ondr, GPC GO Pecny, Ondr, 531A Rocksprings, MOX Moxa, MOX Moxa, MOX Moxa, TANN Tannenbergshta, UNK University of

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MIAR Mount Ida, VRAC Vranco, Z37A Pogue Cattle C, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like 438A Sam Houston St, ARSA Arzberg, 537A Green Hill, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like POLO Lamas de Olo, PVRL Vila Real, PVIS Vila Real, etc.

IDC 15 15:27:45.9, 0.4, 33.05N, 176.16W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/22, mbmp4.0/3, Error ellipse: s-major=916.9km s-min=163.4km az=82.0, Fiji Islands region

ISCJ 15 15:27:45.9, 0.4, 33.05N, 176.16W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/22, mbmp4.0/3, Error ellipse: s-major=916.9km s-min=163.4km az=82.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SWSC Sam W. Stewart, SWSC Saathoff Ranch, IRAM Ramesh, etc.

15d 18h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Bola, Camp Elliot, Esteban Camu, etc.

ISC 15 15:53:26.4-0.9, 16:06'N-147:28'E, h0km, mb3.7/11, mb1 3.8/12, mb1mx3.7/9, mbtmp3.7/12, ML3.5/1, MS3.4/2, Ms1 3.4/2, ms1mx2.6/38, Error ellipse: s-maj=31.2km s-min=17.3km az=101.0

ISC/JB 15 15:53:30.3-0.7, 16:04'N-147:37.0'E, h38km, mb3.7/11, MS4.2/1, Error ellipse: s-maj=20.9km s-min=9.3km az=26.8

ISC 15 15:53:32.1-0.9, 16:11'N-147:3E.02, h38km, n17, o54/12, mb3.7/11, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WAKE ISLAND Hy, etc.

ISC/JB 15 16:10:50.4-0.5, 10:84'S-107:165:37E:0.06, h30km, mb4.1/16, MS3.7/4, Error ellipse: s-maj=10.1km s-min=8.8km az=27.2

ISC 15 16:10:53.8-2.8, 10:38'S-165:34'E, h45km, 25km, mb3.9/16, mb1 4.1/19, mb1mx3.6/26, mbtmp4.2/19, ML2.2/1, MS3.7/6, Ms1 3.7/6, ms1mx3.2/26, Error ellipse: s-maj=20.6km s-min=14.4km az=62.0

NEIC 15 16:10:53.8-1.7, 10:38'S-165:39'E, h46km, 14km, mb4.5/5, Error ellipse: s-maj=13.0km s-min=10.5km az=64.0

ISC 15 16:10:51.9-0.6, 10:88'S-107:165:42E:0.08, h30km, n41, o1528/35, mb4.2/16, MS3.7/4, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Honiara, Mont Dzumac, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR, PPT, PPT2, TBI, etc.

ISC 15 16:11:28.8-26.0, 21:10'S-173:16'W, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/32, mbtmp4.2/4, Error ellipse: s-maj=491.7km s-min=156.6km az=75.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CTA, STKA, ASAR, WRA, etc.

ISC 15 16:37:22.4, 39:98'N-33:19'E, h5km, MD2.7, CSEM 15 16:37:23.0-0.4, 39:96'N-33:19'E, h5km, MD2.7, Error ellipse: s-maj=8.1km s-min=6.5km az=121.0

DDA 15 16:37:24.1, 39:96'N-33:17'E, h7km, MD2.6, ISC 15 16:37:23.5-1.1, 39:98'N-0:03-33:20E:0.04, h8km, n11km, n18, o55/23, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LOD, BBAL, ELDT, etc.

GUC 15 16:48:33.0-0.4, 21:11'S-69:13'W, h116km, 2km, ML3.8/1C, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB01, PB09, PB07, etc.

NNC 15 16:59:53.9-4.2, 37:01'N-70:36'E, h0km, mb3.6, mpv3.2, 9C-1D, Error ellipse: s-maj=35.0km s-min=29.9km az=136.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SFK, MNAS, KK31, AAK, etc.

ISC 15 17:00:30.9-1.1, 23:21'N-96:10'E, h0km, mb3.6/6, mb1 3.6/7, mb1mx3.4/44, mbtmp3.7/7, ML4.6/1, MS3.1/4, mb1 3.2/4, ms1mx2.7/42, Error ellipse: s-maj=36.5km s-min=14.1km az=62.0

ISC/JB 15 17:00:32.6-0.6, 23:05'N-96:0E:0.2, h32km, mb3.6/6, MS3.1/3, Error ellipse: s-maj=23.9km s-min=6.1km

658

az=148.4, BKK 15 17:00:34.1-7.5, 23:15'N-53:9'E, h0km, MB4.3/10, mb4.5/4, mb4.1/10, ML4.6/9, Mv(m)B3.7/4, ISC 15 17:00:35.3-0.9, 23:22'N-0:1:96E:0.2, h32km, n31, o171/27, mb3.6/6, MS3.1/3, Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAI, SHAL, CHAI, etc.

ISC 15 17:20:14.5-1.3, 38:12'N-109:33'E, h0km, mb3.2/4, mb1 3.4/5, mb1mx3.1/51, mbtmp3.2/5, ML3.0/1, Error ellipse: s-maj=59.6km s-min=24.7km az=92.0, Western Nei Mongol

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

DDA 15 17:39:16.8, 36:95'N-33:99'E, h7km, MD2.7, CSEM 15 17:39:17.8-0.2, 36:94'N-33:97'E, h2km, MD2.7, Error ellipse: s-maj=5.4km s-min=4.2km az=148.0

ISC 15 17:39:19.2, 37:05'N-34:09'E, h4km, MD2.8, ISC 15 17:39:17.5-1.2, 36:96'N-0:04-33:99E:0.03, h4km, n17km, n18, o54/30, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KIZK, Mersin, GULE, etc.

NNC 15 18:13:52.5-5.7, 37:00'N-70:57'E, h0km, mb3.9, mpv3.6, 6C-3D, Error ellipse: s-maj=46.5km s-min=36.0km az=157.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SFK, MNAS, KK31, etc.

ISC 15 18:22:21.2-0.1, 17:72'S-0:02:69:18'W:0.04, h140km, mb4.5/44, Error ellipse: s-maj=5.2km s-min=2.3km az=166.8, GCMT 15 18:22:22.0-0.4, 17:81'S-69:44'W, h156km, 3km, MW5.1/68, az=166.8

Moment Tensor Solution. s19,c22: s68,c87; Duration: 0. Moment tensor: 0.29e10Nm; Mr=0.93e19; Mw=1.23e22; Mww=0.29e31; Mw1.43e12; Mw4.39e23; Mw=1.70e17; Best double couple: Mc5,03100x1016 NP1.9e271.000000,671.000000,-1.20.000000. NP2: 9.8.000000,671.000000,-1.160.000000. Principal axes: T 4.9120, Plg0.0000, Azm320.0000; N 0.2390, Plg62.0000, Azm50.0000; P -5.1500, Plg28.0000, Azm230.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 15 18:22:23.5-0.6, 17.685:69.14W, h137km, mb4.8/21 Error ellipse: s-maj=7.6km s-min=5.3km az=58.0

GUC 15 18:22:24.2-0.2, 18.111:69.75W, h180km, km, ML5.2, IDC 15 18:22:25.8-0.5, 17.625:69.09W, h155km, km, mb4.3/24, Mb1 4.5/26, mb1mx4.4/35, mbtmp4.8/26, MS3.6/7, Ms1 3.6/7, ms1mx3.2/32, Error ellipse: s-maj=11.3km s-min=9.9km az=85.0

ISC 15 18:22:23.7-0.3, 17.845:0.04:69.20W, 0.05, h140km, n409, s128/426, mb4.6/44, 6C, Peru-Bolivia border region

Code	Station Name	Δ°	Az°	Phase ID	Time Res	Res
LPZA	La Paz	1.95	34	OP	18 22 58.6	+1.5
LPZA	321nm, 0.3s, baz=229, slow=3.5			S	18 23 22.3	-0.3
LPZA	comp=Z, 1.1m, 19.5s, baz=200, slow=46			LR	18 23 40.7	
PB11	IPOC Station P	1.96	193f	eP	18 22 58.7	+0.7
PB11				eS	18 23 24.9	+0.7
PB11				AML	18 23 26.9	
HMBC	Humberstone	2.51	195	eP	18 23 04.4	-0.3
HMBC				eS	18 23 34.9	-1.4
HMBC				AML	18 23 44.9	
ARE	Arequipa	2.58	302f	iP	18 23 05.0	-0.7
ARE				eS	18 23 41.0	+3.0
PB01	IPOC Station P	3.20	185f	eP	18 23 13.7	+0.3
PB01				S	18 23 51.3	-0.6
PB01				AML	18 23 57.4	
PB07	IPOC Station P	3.92	189f	eP	18 23 22.4	-0.5
PB07				eS	18 24 07.1	-1.7
PB09	IPOC Station P	3.94	181f	eP	18 23 24.0	+0.9
PB09				S	18 24 09.1	-0.1
PB09				eS	18 23 30.6	-0.8
PB04	IPOC Station P	4.56	191	eP	18 24 21.2	-2.7
PB04				eS	18 24 21.2	-2.7
LVC	Limon Verde	4.76	177	P	18 23 35.6	+1.6
LVC	comp=E, 4.1m, 0.3s, baz=42, slow=7.7, SNR=146			S	18 24 27.6	-1.1
LVC	comp=E, 5.1m, 0.3s, baz=246, slow=19, SNR=12			S	18 23 34.9	+0.8
LVC				S	18 24 27.6	-1.1
PB06	IPOC Station P	4.86	184	eP	18 23 35.2	0.0
PB06				S	18 24 29.6	-1.3
YJA	Yavi	5.54	142	iP	18 23 46.9	+2.3
YJA				S	18 24 51.7	+4.2
PB10	IPOC Station P	5.79	192	eP	18 23 45.9	-1.6
PB10				eS	18 24 48.6	-4.4
HJA	Humahuaca	6.42	147	iP	18 23 58.6	+2.3
ASTB	Santa Barbara	7.51	145	eP	18 24 11.0	+0.2
ASTB				S	18 23 34.1	0.5
SLA	San Lorenzo	7.67	154	iP	18 24 13.9	+1.0
SLA				IAML	18 24 17.3	
SLA	comp=Z, 1.47nm, 0.3s			S	18 25 38.9	+0.5
ALOL	LOMAS DE OLMED 7.70 141			P	18 24 11.1	+1.6
SIV	San Ignacio	7.99	78	P	18 24 15.9	-1.3
SIV	comp=Z, 66nm, 0.3s, baz=273, slow=12, SNR=179			S	18 25 42.5	-3.7
SIV	comp=Z, 13nm, 0.3s, baz=1.3, slow=20, SNR=9.9			LR	18 27 44.3	
FSA	Cafayete	8.73	161	IAML	18 24 31.7	
FSA	comp=Z, 306nm, 21.2s, baz=305, slow=41			LR	18 27 44.3	
AHML	Horco Molle	9.60	159	IAML	18 24 42.5	
AHML	comp=Z, 39nm, 0.5s			S	18 24 42.5	
SAML	Samuel	10.60	34	ePn	18 24 48.5	-3.4
LCO	Las Campanas	11.21	187	ePn	18 24 56.2	-4.0
LCO	comp=Z, 32nm, 0.3s, baz=238, slow=21, SNR=7.4			S	18 27 54.2	-1.0
CFAA	Coronel Fontan	13.74	177	P	18 25 30.1	-2.7
CFAA	comp=Z, 0.5nm, 0.3s, baz=350, slow=12, SNR=34			S	18 27 54.2	-1.0
CPUP	Villa Florida	13.87	130	P	18 25 33.5	-0.8
CPUP	comp=Z, 2.5nm, 0.3s, baz=304, slow=12, SNR=30			P	18 25 33.5	-0.8
ATAH	Atahualpa	13.91	319	P	18 25 33.4	-2.0
ATAH	comp=Z, 1.4nm, 0.3s, baz=216, slow=23, SNR=16			P	18 26 45.9	
ARCO	CERRRO ARCO	14.94	179	IAML	18 26 45.9	
ARCO	comp=Z, 23nm, 0.5s			P	18 26 36.1	-1.6
BDFB	Brasilia	20.41	87	P	18 26 49.7	-0.3
BDFB	comp=Z, 94nm, 0.4s, baz=265, slow=9.4, SNR=39			P	18 26 58.1	+0.8
TRQA	Tornquist	21.12	164	eP	18 26 58.1	+0.8
TRQA	comp=Z, 45nm, 0.8s			P	18 26 56.5	-1.3
SPB	Sao Paulo	21.14	109	eP	18 26 56.5	-1.3
SPB	comp=Z, 32nm, 0.8s			P	18 27 16.2	+1.3
PLCA	Paso Flores	22.85	183	P	18 31 01.1	-0.3
PLCA	comp=Z, 60nm, 0.7s, baz=26, slow=11, SNR=142			PcP	18 31 01.1	-0.3
RCBR	Riachuelo	34.64	74	LR	18 45 02.0	
RCBR	comp=Z, 2.2nm, 0.8s, baz=326, slow=11, SNR=3.5			P	18 29 07.5	-2.1
CELP	Cerrillos	35.78	4	eP	18 30 03.0	+0.1
TEIG	Tepech	42.20	333	P	18 31 26.7	+0.4
TEIG	comp=Z, 3.3nm, 0.4s, baz=163, slow=20, SNR=3.4			P	18 31 28.5	+0.4
034A	Hebronville	53.01	327	P	18 31 28.5	+0.4
034A	baz=53			P	18 31 28.5	+0.4
540A	Vidor	53.40	333	P	18 31 30.7	-1.1
540A	baz=54			P	18 31 30.7	-1.1
933A	Laredo	53.77	327	P	18 31 30.9	-2.0
933A	baz=54			P	18 31 34.0	-0.7
KMSC	Kings Mountain	53.93	348	P	18 31 35.7	-0.7
KMSC	baz=54			P	18 31 36.6	-1.7
636A	Smothers Creek	54.18	330	P	18 31 37.3	-1.1
636A	baz=54			P	18 31 37.0	-1.4
833A	Chaparral WMA	54.40	327	P	18 31 37.6	-2.8
833A	baz=54			P	18 31 37.6	-2.8
733A	Divot King Ranch	54.67	327	P	18 31 37.6	-2.8
733A	baz=55			P	18 31 37.6	-2.8
832A	Faith Ranch, C	54.67	326	P	18 31 37.6	-2.8
832A	baz=55			P	18 31 37.6	-2.8
536A	Bastrop	54.68	330	P	18 31 37.6	-2.8
536A	baz=55			P	18 31 37.6	-2.8
TKL	Tuckaleechee C	54.97	346	P	18 31 40.6	-0.3
TKL	comp=Z, 5.7nm, 0.9s, baz=150, slow=13, SNR=4.0			LR	18 58 06.0	
TKL	comp=Z, 43nm, 1.8s, baz=358, slow=99			LR	18 31 40.6	-0.3
732A	Laxson Ranch	55.02	327	P	18 31 40.6	-0.3
732A	baz=55			P	18 31 40.6	-0.3
436A	Wall Ranch, Ga	55.14	331	P	18 31 41.0	-1.2
436A	baz=55			P	18 31 41.0	-1.2
633A	Seathoff Ranch	55.20	328	P	18 31 41.9	-1.1
633A	baz=55			P	18 31 44.0	-0.7
534A	Blanco	55.32	329	P	18 31 43.2	-2.1
534A	baz=55			P	18 31 43.9	-1.5
632A	Uvalde	55.55	327	P	18 31 43.9	-1.5
632A	comp=Z, 5.6, SNR=7.1			P	18 31 43.1	-2.1
533A	Kerrville	55.63	329	P	18 31 43.1	-2.1
533A	baz=56			P	18 31 43.9	-1.5
336A	Riesel	55.68	331	P	18 31 43.9	-1.5
336A	baz=56			P	18 31 43.1	-2.1
139A	Bunkhouse Ranc	55.72	334	P	18 31 45.1	-1.7
139A	baz=56			P	18 31 45.4	-1.5
335A	Moody	55.86	331	P	18 31 45.4	-1.5
335A	baz=56			P	18 31 45.1	-1.7
434A	Burnet	55.87	330	P	18 31 45.1	-1.7
434A	baz=56			P	18 31 45.5	-1.5
631A	Perdido Creek	55.89	327	P	18 31 45.5	-1.5
631A	baz=56			P	18 31 45.4	-2.3
138A	Matatalal Enter	55.99	334	P	18 31 48.1	-0.6
138A	baz=56			P	18 31 47.8	-1.6
532A	Rocksprings	56.12	328	P	18 31 48.5	-1.3
532A	comp=Z, 3.0nm, 1.1s, SNR=9.1			P	18 31 49.2	-1.2
433A	Art	56.22	329	P	18 31 49.2	-1.2
433A	baz=56			P	18 31 49.2	-1.2
334A	Lometa	56.28	330	P	18 31 49.2	-1.2
334A	comp=Z, 1.9nm, 0.6s			P	18 31 49.2	-1.2
JCT	Junction City	56.35	328	P	18 31 49.2	-1.2
JCT	baz=56			P	18 31 49.2	-1.2

136A	Ennis	56.45	332	P	18 31 49.2	-1.8
136A	baz=57			P	18 31 49.1	-1.9
Z38A	Mt. Pleasant	56.45	334	P	18 31 49.6	-1.5
Z38A	baz=57			P	18 31 50.7	-0.5
WHXT	Lake Whitney	56.47	331	P	18 31 52.6	0.0
WHXT	baz=57			P	18 31 50.5	-2.0
531A	Rocksprings	56.47	327	P	18 31 50.5	-2.0
531A	baz=57, SNR=8.3			P	18 31 50.5	-2.1
432A	Menard	56.66	328	P	18 31 52.7	-0.7
432A	comp=Z, 1.1nm, 0.7s, baz=153, slow=9.3, SNR=12			P	18 31 53.7	-0.4
Z37A	Pogue Cattle C	56.68	333	P	18 31 53.7	-0.4
Z37A	baz=57			P	18 31 54.9	-0.4
Y39A	Lockesburg	56.69	335	P	18 31 54.9	-0.4
Y39A	baz=57			P	18 31 54.0	-1.5
234A	Clairette	56.79	331	P	18 31 55.4	-0.6
234A	baz=57, SNR=6.9			P	18 31 54.8	-1.8
530A	J-C Ranch, Com	56.87	327	P	18 31 56.4	-0.9
530A	baz=57, SNR=6.6			P	18 31 56.3	-1.0
431A	Sonora	56.92	328	P	18 31 56.4	-1.4
431A	baz=57			P	18 31 57.9	-0.6
332A	Millersview	57.05	329	P	18 31 57.9	-0.6
332A	comp=Z, 1.3nm, 0.7s, baz=153, slow=9.3, SNR=12			P	18 31 56.4	-1.4
Z36A	Blue Ridge	57.09	333	P	18 31 57.9	-0.6
Z36A	baz=57			P	18 31 56.4	-1.4
233A	Rising Star	57.16	330	P	18 31 56.4	-1.4
233A	baz=57, SNR=9.6			P	18 31 56.3	-1.1
134A	White-Moore Ra	57.24	331	P	18 31 56.3	-1.1
134A	baz=57			P	18 31 56.8	-0.9
331A	San Angelo	57.33	328	P	18 31 56.8	-0.9
331A	baz=57			P	18 31	

15d 18h

2010 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WUAZ, H35A, I33A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like B32A, C30A, MPMC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WRA, KKAR, ZALV, etc.

ISCJB 15 18:31:40.8,0.8,39.220N,0.03:26.26E,0.05,h3km,8km, ...

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

IDC 15 18:33:57.7,1.0,56.375S,25.43W,h0km,mb4.2/4, ...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OSPA, CPUP, LPZA, etc.

HLW 15 18:37:13.4,36.35N,27.35E,h50km,29km,MD3.5,MI3.2 ...

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

15d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BC3 Big Chuckawall, RMX La Rumorosa, CPBX Cerro Prieto, etc.

15d 19:51:28.2-6.3, 31.31N-50.77E, h0km, mb3.7/2, mb1 3.7/3, mb1mx3.3/2, mbmtpp3.6/3, ML3.0/1, Error ellipse: s-maj=128.0km s-min=50.2km az=113.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SHGR Shooshtar-Gavs, NASN Na'in, NASN NASN, etc.

15d 20:27:55.6-9.2, 5.75S-152.08E, h55km, 70km, mb3.2/3, mb1 3.6/4, mb1mx3.4/23, mbmtpp3.6/4, ML2.1/1, Error ellipse: s-maj=136.8km s-min=35.4km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, PMG Warramunga Ar, ASAR Alice Springs, etc.

15d 20:30:11.5-2.2, 8.18S-130.16E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.4/23, mbmtpp3.4/4, ML3.4/3, Error ellipse: s-maj=77.1km s-min=29.3km az=78.0

AUST 15:20:30:13.6, 8.05S-130.09E, h5km, ICSJB 15:20:30:15.0, 1.2, 8.39S:0.07-130.2E:0.1, h33km, mb3.3/1, Error ellipse: s-maj=15.6km s-min=9.7km az=16.6

15d 20:30:16.9-1.3, 8.31S:0.09-130.3E:0.1, h35km, n8, r111/8, Tanimbar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SAUI Saumlaki, MTN Manton Dam, KDU Kakadu, etc.

15d 20:48:24.1-0.4, 33.04N-0.03:115.55W, h11km, 3km, Error ellipse: s-maj=4.5km s-min=3.2km az=158.0

ECX 15:20:48:25.1-0.5, 33.03N:115.55W, h10km, MD2.7, ML2.9 NEIC 15:20:48:25.0, 33.03N:115.54W, h10km, ML2.9(ECX), ML2.9(PAS), After PAS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CLIC Calipatria, SWSC Sam W. Stewart, SWSC Sam W. Stewart, etc.

2010 DEC

Table with columns: WESC, Carrizo Plain, COA Coachella, SGL Mount Signal, YUH Yuhua Desert, etc. Includes station names and coordinates.

15d 20:58:58.9-2.0, 27.0N:0.3-54.8E:0.2, h17km, mb3.5/9, MS2.6/3, Error ellipse: s-maj=43.7km s-min=16.9km

15d 20:58:58.6-2.5, 27.05N:54.82E, h0km, mb3.5/9, mb1 3.6/9, mb1mx3.4/23, mbmtpp3.5/9, MS2.8/3, Ms1 2.8/3, ms1mx2.3/28, Error ellipse: s-maj=54.5km s-min=22.5km az=156.0

15d 20:59:01.2-2.4, 27.1N:0.3-54.8E:0.2, h17km, n9, r0558/9, mb3.5/9, MS2.8/3, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BRTR Keskin Array B, AAK Ala-Archa, AAK Aktyubinsk, etc.

GUC 15:21:06:14.2-0.5, 32.62S:71.62W, h4km, 5km, ML2.5 IUC 15:21:06:15.5-2.9, 32.76S:0.08-71.6W:0.1, h20km, 7km, n12, r080/15, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like ROCI El Roble, PEL Peledhue, RCDM Rinconada Maip, etc.

15d 21:12:33.6-2.1, 1.92S-150.54E, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.6/19, mbmtpp3.8/3, Error ellipse: s-maj=161.9km s-min=26.7km az=121.0, New Ireland region

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

CSEM 15:21:25:38.9, 39.49N:29.81W, h10km, ML3.5, After PDA PDA 15:21:25:38.9, 1.0, 39.49N:29.81W, h10km, MD3.6, ML3.5, 6C-2D, Error ellipse: s-maj=10.1km s-min=3.0km

664

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H07N FLORES T-PHASE, PCED Cedros, CALA Caldeira, etc.

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

ECX 15:21:27:53.3-0.5, 33.03N:115.55W, h10km, MD2.7, ML2.9 IUC 15:21:27:52.3-0.9, 33.02N:0.02-115.56W:0.02, h16km, 7km, n25, r051/39, 6C-2D, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SWSC Sam W. Stewart, SWSC Cook Ranch, DREC Dreck, etc.

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RMX La Rumorosa, GLA Glamis, GLA Glamis, etc.

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

15d 21:27:52.6-0.5, 33.01N:0.02-115.55W:0.03, h13km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=139.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RDX Rancho Dawling, RDX Cerro Bola, CBX Cerro Bola, etc.

CSEM 15:21:31:31.6-0.4, 41.34N:43.78E, h10km, ML0.5, Error ellipse: s-maj=17.9km s-min=7.3km az=159.0

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

Table with columns: STKA, STKA, CLM, CLM, CLM, CLM, EKA, EKA, BRTR, BRTR, BRTR, BRTR, GERS, GERS, TXAR, TXAR. Includes station names like Stephens Creek, Kingsbay, Spitsbergen Ar, etc.

ISCJJB 15 22:45:35.1,0.5,79.74N,0.1:2E:0.3,h10km,mb3.7/15, MS3.3/13, Error ellipse: s-maj=15.4km s-min=5.6km az=22.5

ISC 15 22:45:36.3,0.6,79.85N,0.4:0E,h0km,mb3.7/15, mb1.4/0.19,mb1mx3.8/5.3,mbtmp3.8/19,ML3.8/4,MS3.2/16, MS1.3/2.16,ms1mx3.0/4.3, Error ellipse: s-maj=22.7km s-min=11.3km az=32.0

BER 15 22:45:38.2,3.0,79.95N,1.95E,h10km,MD2.3,ML2.9, ML3.3(NAO)

CSEM 15 22:45:41.5,0.9,79.57N,3.00E,h10km,ML3.3, Error ellipse: s-maj=22.5km s-min=17.5km az=22.0

ISC 15 22:45:36.7,0.6,79.77N,0.1:134E:0.07,h10km,n40, az128/143,mb3.7/15,MS3.3/13,Greenland Sea

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations and their associated data.

ISCJJB 15 23:14:06.8,0.6,18.0S:0.2:178.4W:0.1,h579km, mb3.8/15, Error ellipse: s-maj=24.0km s-min=12.6km az=144.5

IDC 15 23:14:11.0,1.4,17.97S:178.33W,h618km,17km, mb3.3/14,mb1.3/6.16,mb1mx3.5/28,mbtmp4.2/16, Error ellipse: s-maj=22.1km s-min=10.6km az=145.0

ISC 15 23:14:08.1,0.6,18.0S:0.2:178.6W:0.1,h579km,n40, az142/142,mb3.7/15,12C-5D,FiJI Islands region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations and their associated data.

BJJ 15 23:40:17.1,5.33S:137.59E,h43km,mb4.6/8,mb5.1/3

IDC 15 23:40:23.0,0.5,4.30S:136.55E,h0km,mb4.4/14, mb1.4/5.20,mb1mx4.4/32,mbtmp4.5/20,ML4.5/4,MS3.3/12, MS1.3/2.12,ms1mx3.0/4.3, Error ellipse: s-maj=19.7km s-min=12.0km az=70.0

NEIC 15 23:40:24.4,3.4,4.36S:136.63E,h10km,21km,mb4.4/10, Error ellipse: s-maj=10.9km s-min=7.7km az=61.0

ISCJJB 15 23:40:25.0,0.3,4.43S:107.03E:0.03,h33km, mb4.4/24,MS3.4/7, Error ellipse: s-maj=5.2km s-min=4.2km az=136.1

AUST 15 23:40:28.6,4.44S:136.53E,h60km, DJA 15 23:40:28.0,0.4,4.54S:137.7E,h84km,13km,ML4.8/13, mb4.6/6,mb4.6/13,mb5.3/2,mb5.3/3,MLV4.0/7,MLV4.9/9, Mw(mb)4.8/3,Mw(mb)4.7/2

ISC 15 23:40:27.6,0.4,5.15S:105.136E:0.05,h35km,n83, az201/189,mb4.5/24,MS3.2/7,Irian Jaya region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations and their associated data.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations and their associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Vista Hermosa, Comitan, Tehuacan, Laguna Verde, etc.

CSEM 16 00:09:29.6:0.4, 34.86N:23.72E, h18km, 2km, MD3.3, Mw3.8, Error ellipse: s-maj=7.8km s-min=6.8km az=37.0

ATH 16 00:09:30.9, 34.96N:23.82E, h32km, 1km, MD3.3/16, Crete

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 ANOYIA, ANOYIA, ANOYIA, etc.

ISCJB 16 00:23:07.4:0.4, 1.04N:0.05E:123.87E:0.03, h250km, mb3.8/13, Error ellipse: s-maj=6.4km s-min=4.3km az=14.4

AUST 16 00:23:08.0:0.0, 1.34N:124.20E, h317km, Error ellipse: s-maj=1.8km s-min=1.2km az=30.0

IDC 16 00:23:10.1:1.7, 0.92N:129.0E, h275km, 18km, mb3.5/12, mb1.3/6.15, mb1mx3.9/4.6, mbtmp4.1/15, Error ellipse: s-maj=17.9km s-min=9.4km az=73.0

DJA 16 00:23:10.0:0.4, 1.1N:4.12E, h221km, 5km, M4.7/8, mb4.5/2, MLV4.7/8

ISC 16 00:23:08.3:0.5, 0.96N:0.06E:123.87E:0.05, h250km, n44, e158/51, mb3.7/13, Minihassa Peninsula, Sulawesi

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

MSAI Kappang 6.62 130 S S 00 26 17 +0.5

KBI Balikpapan 7.31 252 P Pn 00 24 54 +0.1

SIJI Sorong 9.22 115 P Pn 00 24 58 +0.0

FAKI Fak Fak 9.22 115 P Pn 00 25 17 +0.0

FAKI Jajaj, Banyuwana 13.47 226 P P 00 26 13 +2.4

KSM Kuching 13.72 272 P P 00 26 12.9 +1.6

MTN Mantion Dam 15.49 153 P Pn 00 26 35.1 +0.6

KDU Kakadu 16.02 148 P P 00 26 40.5 +1.1

KNRA Kununurra 17.22 164 P P 00 26 53.9 +1.4

FITZ Fitzroy Crossi 19.02 175 P P 00 27 12.4 +0.5

FITZ Fitzroy Crossi 19.02 175 P P 00 27 11.6 -0.3

WRA Warramunga Arr 23.17 154 P P 00 27 53.1 0.0

WRA 1.4nm, 0.6s, baz=337, slow=10, SNR=90 S S 00 31 39.8 -6.0

PSI Prapat 25.00 275 P P 00 28 09.4 -0.5

WRKA Warakura 26.00 171 P P 00 28 21.0 +0.6

ASAR Alice Springs 26.35 159 P P 00 28 21.9 +0.1

CMAR Chiang Mai Arr 30.02 307 P P 00 28 54.2 -0.1

KSRS Korea Array 36.51 5 S P 00 29 51.8 +1.8

STKA Stens Creek 36.72 154 P P 00 29 52.0 +0.1

MJAR Matsushiro Arr 37.82 19 P P 00 29 58.6 -2.4

USRK Ussuriysk Arr 43.66 8 P P 00 30 47.8 -0.6

SONM Songoing Array 49.09 344 P P 00 31 31.0 +0.3

NFK Norfolk Island 51.61 129 P P 00 31 40.2 -9.4

MFK Makanchi Array 58.27 328 P P 00 32 36.9 0.0

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

IDC 16 01:05:27.2:1.4, 32.66S:178.22W, h0km, mb4.2/2, mb1.4/4.3, mb1mx3.9/2.1, mbtmp4.2/3, ML3.9/1, MS3.3/3, Ms1.3/3.3, ms1mx2.7/3.5, Error ellipse: s-maj=42.9km s-min=38.2km az=156.0

ISCJB 16 01:05:30.4:5.3, 32.9S:0.2:178.3W:0.8, h32km, mb4.1/2, MS3.2/1, Error ellipse: s-maj=98.2km s-min=15.9km az=13.3

ISC 16 01:05:31.7:1.6, 32.8S:0.2:178.3W:0.3, h32km, n10, e075/16, South of Kermadec Islands

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

IDC 16 01:27:32.4:0.6, 7.65N:91.84E, h0km, mb4.1/17, mb1.4/2.0, mb1mx3.9/5.0, mbtmp4.1/2.0, ML4.2/3, MS3.0/4, Ms1.3/1.4, ms1mx2.6/5.3, Error ellipse: s-maj=27.6km s-min=12.0km az=52.0

ISCJB 16 01:27:33.8:0.5, 7.58N:0.07E:91.89E:0.08, h24km, mb4.1/22, MS4.3/2, Error ellipse: s-maj=13.6km s-min=5.9km az=137.0

NEIC 16 01:27:34.9:3.2, 7.63N:91.86E, h16km, 20km, mb4.2/5, Error ellipse: s-maj=10.6km s-min=6.6km az=50.0

ISC 16 01:27:36.1:0.5, 7.63N:0.09E:91.87E:0.09, h24km, n51, e064/53, mb4.2/22, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK, AKASG Malin Array, TORD Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, ESDC Seneca Array, TORD Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 16:01:28:06.5:3.9, 56:55S:24:94W, etc.

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

BUI 16:02:10:21.4, 30:11'S:177:20'W, h39km, mb5.5/33, mB5.8/24, Ms5.3/10, Ms7 4.9/18, NEIC 16:02:10:23.6:0.7, 30:37'S:178:02'W, h36km, 6km, mb5.5/131, MS4.8/109, MW5.2, Error ellipse: s-maj=5.9km

GCMT 16:02:10:23.6:0.2, 30:16'S:177:60'W, h50km, MW5.2/84, Moment tensor: s84,c120, s107,r124; Duration: 1s0 Moment tensor: Scale 1079Nm; Mn:0.81_-0.2; M0:0.23e-01; Best double couple: M0:86100x10^17 Np1:18.00000; s53.00000; 7.91.00000; NP2:1.197.00000; s37.00000; 8.89.00000; Principal axes: T 0.8400, P 0.8400, Azm290.0000; 0.0420, P10.0000; Azm197.0000; P -0.8820, P18.0000; Azm170.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DDA 16:01:43:57.8, 37:02'N:32:30'E, h7km, Md2.9 CSEM 16:01:43:58.7, 0.2, 37:02'N:32:23'E, h2km, Md2.9, Error ellipse: s-maj=4.6km s-min=3.9km az=67.0

TEH 16:02:08:03.6:0.3, 27:78'N:56:40'E, h23km, ML3.8 ISCBJ 16:02:08:04.0:0.3, 27:94'N:0:03:56:35E:0.06, h28km, MS4.0/21, MS4.6/1, Error ellipse: s-maj=7.6km s-min=4.7km az=1.4

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

ISC 16:01:43:59.4, 37:10'N:32:18'E, h6km, MD3.1 ISC 16:01:43:58.7, 1.2, 37:03'N:0:02:32:22E:0.03, h5km, m11km, n21, c0943/46, Turkey

CSEM 16:02:08:04.3:0.4, 27:86'N:56:49'E, h0km, 3km, ML3.8, Error ellipse: s-maj=6.1km s-min=2.2km az=96.0

ISC 16:02:10:24.8:0.2, 30:42'S:0:04:17:83'W:0.05, h46km, n91, c1931/912, mb5.5/158, MS4.8/133, 51C-36D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAZI Gazipasa, KONT Konya-Tatoy, SUTC Sutluce-Ispart, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MXZ Matakoaka Point, WMGZ Waioamatatini S, etc.

IDC 16:01:55:56.4:1.2, 11:82'N:43:95'E, h0km, mb3.9/11, mb1 3.9/11, mb1mx3.7/47, mbtmp3.9/11, MS3.5/16, Ms1 3.5/16, ms1mx3.3/43, Error ellipse: s-maj=32.3km s-min=14.7km az=155.0

ISC 16:01:55:56.3:1.0, 11:82'N:43:95'E, h0km, n28, c15/147, mb3.9/11, MS3.4/13, 1C-1D, Western Gulf of Aden

ISC 16:02:10:24.8:0.2, 30:42'S:0:04:17:83'W:0.05, h46km, n91, c1931/912, mb5.5/158, MS4.8/133, 51C-36D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD Arta Tunnel, FURI Furi, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, BRTR Keskin Array, IDI Anoyia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTZ Chatham Island, NIUE Niue, THZ Tophouse, etc.

16d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LBZ Lake Benmore, ODZ Otahua Downs, AFI Afiamalu, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

670

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LUWI Luwuk, LUWI Luwuk, KAPI Kappang, etc.

Table with columns: KMI, S, P, 02 34 41.8 -3.3, ISCO, HIA, Hailar, 96.81 324, PFAKE, LR, 02 24 00.0 +10, etc.

Table with columns: ISCO, HIA, Hailar, 96.81 324, PFAKE, LR, 02 24 00.0 +10, etc.

Table with columns: TIXI, Tiksi, 108.32 344, PFAKE, LR, 02 29 00.0, etc.

16d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H, m, s, ISC. Includes stations like HGN Heimgangroev, GRF Grafenberg Arr, GRFO Grafenberg, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H, m, s, ISC. Includes stations like RAO Raoul Island, RAO Nicoula / Gran, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H, m, s, ISC. Includes stations like WRA Warramunga Arr, FINES FINESS Array B, IDC 16 02:35:06.2, etc.

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

674

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H, m, s, ISC. Includes stations like LZH Gaotai, GTA Gaotai, WMO Urumqi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like W3C Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like CD2 360nm,12.0s, KLR Kul'dur, KLR 1.6nm,0.7s, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Name. Includes stations like ECAT 16 03:35:54.8,99.0, BNGB Bing'ji, BNGB Bing'ji, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NLAJ Namlea, FAKI Fak Fak, SOEI Soe, etc.

IDC 16 03:54:19.2,1.4,2.01'N,97.48'E, h0km, mb4.2/9, mb1 4.3/10, mb1mx3.9/42, mbtmp4.2/10, ML4.6/1, Error ellipse: s-maj=36.3km s-min=22.5km az=34.0

IS/CJB 16 03:54:23.6,0.5,2.02'N,0.04:97.62'E,0.08,h33km, mb4.1/9, Error ellipse: s-maj=12.0km s-min=6.2km az=3.4

DJA 16 03:54:25.7,0.4,2.1'N,3.9'E, h29km,7km, M3.9/11, MLV3.9/11

ISC 16 03:54:24.0,4.7,2.04'N,0.04:97.74'E,0.07,h33km,n22, o684/21,mb4.2/9,Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, GSI Kotacane, TPTI Tuntung, etc.

PRE 16 04:00:50.0:1.7,28.73S:20.43E, h5km, ML4.4, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOMG Komaggas, CVNA Calvinia, CER Ceres, etc.

MSNA eS Sn 04 05 19.1 -6.3 MSNA AML AML 04 06 32.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKJI Sukabumi, CNJI Cibinong, CISI Cisempet, etc.

AUST 16 04:26:05.3:1.9,3.32'S:100.55'E,h97km, Error ellipse: s-maj=3.1km s-min=0.9km az=245.0

ISC/JB 16 04:26:09.8,0.3,2.56'S:101.06'E,0.06,h112km,4km, mb4.2/9, Error ellipse: s-maj=13.3km s-min=4.2km az=43.7

IDC 16 04:26:10.1,3.5,2.54'S:101.64'E,h94km,30km,mb3.9/9, mb1 4.0/10, mb1mx3.7/34, mbtmp4.2/10, MS2.9/2, Ms1 2.9/2, ms1mx2.5/33, Error ellipse: s-maj=39.2km s-min=13.2km az=57.0

DJA 16 04:26:11.7,0.2,3.54':10.2'E, h78km,6km, M4.4/19, mb4.5/5, mb5.1/2, MLV4.4/19, Mw(mb)4.5/2

ISC 16 04:26:10.5,0.8,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASI Maura Aman, KSI Kapahiang, PPSI Pulau Pagai, etc.

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

ISC 16 04:26:12.3,0.5,2.53'S:101.60'E,0.06,h98km,8km, n44, o107/47, mb4.3/9, Southern Sumatera

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

IDC 16 04:51:29.0:5.0,17.23'S:178.27'E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.5/38, mbtmp3.9/2, Error ellipse: s-maj=277.2km s-min=69.2km az=153.0, Fiji Islands

WRA Warramunga Arr 41.64 259 Op P 04 59 19.0

ASAR Alice Springs 41.93 254 P 04 59 21.5

NOA NORSAR Array B135.28 351 PKP 05 10 50.2

CSEM 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

PDA 16 05:01:32.9:0.7,39.26'N:29.82'W, h10km, MD3.5, ML2.9, Error ellipse: s-maj=15.7km s-min=6.1km az=49.0, Azores Islands

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

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ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

ISC 16 05:01:32.9,39.26'N:29.82'W, h10km, ML2.9, After PDA

GUD	Guadarrama	7.57	79	P	Pn	06 52 51.2 +2.8
GUD	comp=E,17nm,0.2s,SNR=63				S	06 54 14.7 +0.4
GUD	comp=E,148nm,0.4s,SNR=7.9				Pn	06 52 51.2 +2.8
GUD	Guadarrama	7.57	79	P	Pn	06 54 14.7 +0.4
GUD	comp=E,17nm,0.2s,SNR=63				S	06 54 14.7 +0.4
ESDC	Sonsecsa Array	7.65	86	P	Pn	06 52 51.7 +1.7
ESDC	comp=E,32nm,0.3s,baz=270,slow=13,SNR=212				S	06 54 17.9 +0.8
ESDC	comp=E,148nm,0.4s,SNR=7.9				LR	06 55 55.4
ESDC	comp=E,90nm,20.4s,baz=270,slow=37				LR	06 52 51.7 +1.7
ESDC	Sonsecsa Array	7.69	86	P	Pn	06 52 51.7 +1.7
ESDC	comp=E,94nm,0.1s,baz=268,slow=13,SNR=119				S	06 54 17.2 0.0
ESDC	comp=E,31nm,0.3s,baz=268,slow=23,SNR=111				S	06 52 51.7 +1.7
ESDC	Sonsecsa Array	7.69	86	P	Pn	06 54 17.2 0.0
ESDC	comp=E,94nm,0.1s,SNR=119				S	06 54 17.2 0.0
ESDC	comp=E,31nm,0.3s,SNR=111				S	06 54 18.0 +0.8
EMIJ	Mijas	7.81	110	P	Pn	06 52 53.2 +1.6
EMIJ	comp=E,29nm,0.3s,SNR=36				S	06 54 17.6 -2.4
EMIJ	comp=E,55nm,0.3s,SNR=7.9				S	06 52 53.2 +1.6
EMIJ	Mijas	7.81	110	P	Pn	06 54 17.6 -2.4
EMIJ	comp=E,29nm,0.3s,SNR=36				S	06 54 17.6 -2.4
EMIJ	comp=E,55nm,0.3s,SNR=7.9				S	06 54 17.6 -2.4
EMAL	Malaga-Limoner	7.98	107	eP	Pn	06 52 56.8 +2.9
EMAL	comp=E,17nm,0.5s,SNR=7.9				eS	06 54 21.6 -2.6
SELV	Sierra Elvira	8.33	103	P	Pn	06 53 00.5 +1.7
SELV	comp=E,17nm,0.5s,SNR=7.9				S	06 54 29.8 -3.1
SELV	Sierra Elvira	8.33	103	P	Pn	06 53 00.5 +1.7
SELV	comp=E,17nm,0.5s,SNR=7.9				S	06 54 29.8 -3.1
SELV	Sierra Elvira	8.33	103	P	Pn	06 53 00.5 +1.7
SELV	comp=E,17nm,0.5s,SNR=7.9				S	06 53 02.8 +2.5
ECOG	Cogollos-Vega	8.44	102	P	Pn	06 54 34.4 -1.3
ECOG	comp=E,14nm,0.2s,SNR=9.5				S	06 53 02.8 +2.5
ECOG	Cogollos-Vega	8.44	102	P	Pn	06 54 34.4 -1.3
ECOG	comp=E,14nm,0.2s,SNR=9.5				S	06 54 34.4 -1.3
EQUE	Quesada	8.56	103	P	Pn	06 53 03.9 +2.0
EQUE	comp=E,24nm,0.3s,SNR=67				S	06 54 36.0 -2.6
EQUE	Quesada	8.56	103	P	Pn	06 53 03.9 +2.0
EQUE	comp=E,24nm,0.3s,SNR=67				S	06 54 36.0 -2.6
EQUE	Quesada	8.56	103	P	Pn	06 53 03.9 +2.0
EQUE	comp=E,24nm,0.3s,SNR=67				S	06 54 36.0 -2.6
EGUA	Guajares	8.59	105	P	Pn	06 53 04.9 +2.6
EGUA	comp=E,12nm,0.2s,SNR=34				S	06 54 36.2 -3.1
EGUA	Guajares	8.59	105	P	Pn	06 53 04.9 +2.6
EGUA	comp=E,12nm,0.2s,SNR=34				S	06 54 36.2 -3.1
EGUA	Guajares	8.59	105	P	Pn	06 53 04.9 +2.6
EGUA	comp=E,12nm,0.2s,SNR=34				S	06 54 36.2 -3.1
EQES	Quesada	8.66	98	P	Pn	06 53 05.0 +1.6
EQES	comp=E,11nm,0.2s,SNR=23				S	06 54 39.9 -1.3
EQES	Quesada	8.66	98	P	Pn	06 53 05.0 +1.6
EQES	comp=E,11nm,0.2s,SNR=23				S	06 54 39.9 -1.3
EQES	Quesada	8.66	98	P	Pn	06 53 05.0 +1.6
EQES	comp=E,11nm,0.2s,SNR=23				S	06 54 39.9 -1.3
ELAN	Lanestosa	8.70	62	P	Pn	06 53 07.7 +3.9
ELAN	comp=E,9.3nm,0.2s,SNR=51				S	06 54 42.6 +0.7
ELAN	Lanestosa	8.70	62	P	Pn	06 53 07.7 +3.9
ELAN	comp=E,9.3nm,0.2s,SNR=51				S	06 54 42.6 +0.7
ELAN	Lanestosa	8.70	62	P	Pn	06 53 07.7 +3.9
ELAN	comp=E,9.3nm,0.2s,SNR=51				S	06 54 42.6 +0.7
GORA	Gorafe	8.78	100	S	S	06 54 43.9 0.0
GORA	comp=E,105nm,0.3s,SNR=7.9				S	06 54 43.9 0.0
GORA	Gorafe	8.78	100	S	S	06 54 43.9 0.0
GORA	comp=E,105nm,0.3s,SNR=7.9				S	06 54 43.9 0.0
GORA	Gorafe	8.78	100	S	S	06 54 43.9 0.0
GORA	comp=E,105nm,0.3s,SNR=7.9				S	06 54 43.9 0.0
SESP	Santiago Espad	8.99	95	P	Pn	06 53 10.0 +2.0
SESP	comp=E,1.0nm,0.3s,SNR=7.9				S	06 54 48.1 -1.3
SESP	Santiago Espad	8.99	95	P	Pn	06 53 10.0 +2.0
SESP	comp=E,1.0nm,0.3s,SNR=7.9				S	06 54 48.1 -1.3
SESP	Santiago Espad	8.99	95	P	Pn	06 53 10.0 +2.0
SESP	comp=E,1.0nm,0.3s,SNR=7.9				S	06 54 48.1 -1.3
EHUE	Huescar	9.03	97	P	Pn	06 53 11.2 +2.8
EHUE	comp=E,20nm,0.3s,SNR=38				S	06 54 48.8 -1.3
EHUE	Huescar	9.03	97	P	Pn	06 53 11.2 +2.8
EHUE	comp=E,20nm,0.3s,SNR=38				S	06 54 48.8 -1.3
EHUE	Huescar	9.03	97	P	Pn	06 53 11.2 +2.8
EHUE	comp=E,20nm,0.3s,SNR=38				S	06 54 48.8 -1.3
EBER	Berja	9.07	103	P	Pn	06 53 12.0 +2.9
EBER	comp=E,16nm,0.2s,SNR=49				S	06 54 49.3 -2.2
EBER	Berja	9.07	103	P	Pn	06 53 12.0 +2.9
EBER	comp=E,16nm,0.2s,SNR=49				S	06 53 12.0 +2.9
EBER	Berja	9.07	103	P	Pn	06 53 12.0 +2.9
EBER	comp=E,16nm,0.2s,SNR=49				S	06 54 49.3 -2.2
PSMA	Santa Maria	9.17	257	eS	A	06 54 26.9 -2.7
PSMA	comp=E,63nm,0.3s				A	06 54 29.4
ETOR	Torete	9.17	78	P	Pn	06 53 13.5 +3.1
ETOR	comp=E,72nm,0.2s,SNR=72				S	06 54 53.5 -0.2
ETOR	Torete	9.17	78	P	Pn	06 53 13.5 +3.1
ETOR	comp=E,72nm,0.2s,SNR=72				S	06 54 53.5 -0.2
ETOR	Torete	9.17	78	P	Pn	06 53 13.5 +3.1
ETOR	comp=E,72nm,0.2s,SNR=72				S	06 54 53.5 -0.2
MIF	Mishlifien	9.30	128	P	Pn	06 53 12.0 -0.2
MIF	comp=E,77nm,0.3s,SNR=7.9				P	06 54 50.0 -6.9
MIF	Mishlifien	9.30	128	P	Pn	06 53 12.0 -0.2
MIF	comp=E,77nm,0.3s,SNR=7.9				P	06 54 29.2 -3.0
MIF	Mishlifien	9.30	128	P	Pn	06 53 12.0 -0.2
MIF	comp=E,77nm,0.3s,SNR=7.9				P	06 54 33.0
PSET	Sete Cidades	9.38	263	eS	A	06 53 12.0 -0.2
PSET	comp=E,89nm,0.3s				A	06 53 12.0 -0.2
KIB	El Ksiba	9.43	135	P	Pn	06 53 12.0 -0.2
KIB	comp=E,51nm,0.3s,SNR=7.9				S	06 54 50.0 -10
TZK	Tazeka	9.51	122	P	Pn	06 53 15.0 -0.2
TZK	comp=E,10nm,0.1s,SNR=38				Pn	06 53 15.0 -0.2
TZK	Tazeka	9.51	122	P	Pn	06 53 15.0 -0.2
TZK	comp=E,10nm,0.1s,SNR=38				Pn	06 53 15.0 -0.2
TZC	Tazercoute	9.53	138	P	Pn	06 54 51.0 -1.2
TZC	comp=E,16nm,0.2s,SNR=49				S	06 53 17.2 +1.5
ENIJ	Nijar	9.56	102	P	Pn	06 53 17.2 +1.5
ENIJ	comp=E,30nm,0.4s,SNR=7.9				S	06 55 00.3 -2.9
ENIJ	Nijar	9.56	102	P	Pn	06 53 17.2 +1.5
ENIJ	comp=E,30nm,0.4s,SNR=7.9				S	06 55 00.3 -2.9
ENIJ	Nijar	9.56	102	P	Pn	06 53 17.2 +1.5
ENIJ	comp=E,30nm,0.4s,SNR=7.9				S	06 55 00.3 -2.9
ETOB	Tobarra	9.66	91	P	Pn	06 53 18.6 +1.5
ETOB	comp=E,51nm,0.3s,SNR=7.9				S	06 55 04.8 -0.9
ETOB	Tobarra	9.66	91	P	Pn	06 53 18.6 +1.5
ETOB	comp=E,51nm,0.3s,SNR=7.9				S	06 55 04.8 -0.9
ETOB	Tobarra	9.66	91	P	Pn	06 53 18.6 +1.5
ETOB	comp=E,51nm,0.3s,SNR=7.9				S	06 55 04.8 -0.9
CZD	Col de Zad	9.67	129	P	Pn	06 53 17.0 -0.4
CZD	comp=E,73nm,0.6s,SNR=7.9				S	06 54 59.0 -7.2
CZD	Col de Zad	9.67	129	P	Pn	06 53 17.0 -0.4
CZD	comp=E,73nm,0.6s,SNR=7.9				S	06 54 59.0 -7.2
CZD	Col de Zad	9.67	129	P	Pn	06 53 17.0 -0.4
CZD	comp=E,73nm,0.6s,SNR=7.9				S	06 54 59.0 -7.2
OUK	Aranguren	9.85	67	P	Pn	06 53 23.5 +3.9
OUK	comp=E,8.1nm,0.3s,SNR=7.9				S	06 55 10.2 0.0
EARA	Aranguren	9.85	67	P	Pn	06 53 23.5 +3.9
EARA	comp=E,8.1nm,0.3s,SNR=7.9				S	06 55 10.2 0.0
EARA	Aranguren	9.85	67	P	Pn	06 53 23.5 +3.9
EARA	comp=E,8.1nm,0.3s,SNR=7.9				S	06 55 10.2 0.0
ELIZ	Elizondo	9.95	75	P	Pn	06 53 25.9 +4.3
ELIZ	comp=E,69nm,0.3s,SNR=7.9				S	06 55 12.7 -1.0
ELIZ	Elizondo	9.95	75	P	Pn	06 53 25.9 +4.3
ELIZ	comp=E,69nm,0.3s,SNR=7.9				S	06 55 12.7 -1.0
ELIZ	Elizondo	9.95	75	P	Pn	06 53 25.9 +4.3
ELIZ	comp=E,69nm,0.3s,SNR=7.9				S	06 55 12.7 -1.0

IPRE	Itzo	10.02	67	P	Pn	06 53 24.9 +3.0
IPRE	comp=E,13nm,0.2s,SNR=7.9				S	06 55 14.5 +0.2
IPRE	Itzo	10.02	67	P	Pn	06 53 24.9 +3.0
IPRE	comp=E,13nm,0.2s,SNR=7.9				S	06 55 14.5 +0.2
IPRE	Itzo	10.02	67	P	Pn	06 53 24.9 +3.0
IPRE	comp=E,13nm,0.2s,SNR=7.9				S	06 55 14.5 +0.2
EALK	Alkurruntz	10.03	65	P	Pn	06 53 25.1 +3.1
EALK	comp=E,5.9nm,0.2s,SNR=14				S	06 55 14.1 -0.3
EALK	Alkurruntz	10.03	65	P	Pn	06 53 25.1 +3.1
EALK	comp=E,5.9nm,0.2s,SNR=14				S	06 55 14.1 -0.3
EALK	Alkurruntz	10.03	65	P	Pn	06 53 25.1 +3.1
EALK	comp=E,5.9nm,0.2s,SNR=14				S	06 55 14.1 -0.3
MDT	Midelt	10.09	129	Pn	Pn	06 53 20.9 -1.9
MDT	comp=E,49nm,0.4s,SNR=7.9				S	06 55 05.3 -1.1
MDT	Midelt	10.09	129	Pn	Pn	06 56 58.1
MDT	comp=E,35nm,0.3s,baz=287,slow=8,SNR=750				LR	06 56 58.1
MDT	comp=E,34nm,0.3s,baz=29,slow=20,SNR=17				LR	06 56 58.1
MDT	comp=E,45nm,21.2s,baz=330,slow=35				LR	06 53 25.6 +2.4
ILO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
ILO	comp=E,110nm,0.3s,SNR=7.9				S	06 55 15.3 -1.4
ILO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
ILO	comp=E,110nm,0.3s,SNR=7.9				S	06 55 15.3 -1.4
ILO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
ILO	comp=E,110nm,0.3s,SNR=7.9				S	06 55 15.3 -1.4
IELO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
IELO	comp=E,21nm,0.2s,SNR=7.9				S	06 55 17.3 +3.6
IELO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
IELO	comp=E,21nm,0.2s,SNR=7.9				S	06 55 17.3 +3.6
IELO	Elcoad	10.11	67	P	Pn	06 53 25.6 +2.4
IELO	comp=E,21nm,0.2s,SNR=7.9				S	06 55 17.3 +3.6
SJPF	Ste Jean	10.19	65	eP	Pn	06 53 27.2 -1.4
SJPF	comp=E,53nm,0.3s				eS	06 53 27.2 +3.6
SJPF	Ste Jean	10.19	65	eP	Pn	06 53 27.2 -1.4
SJPF	comp=E,53nm,0.3s				eS	06 53 27.2 +3.6
SJPF	Ste Jean	10.19	65	eP	Pn	06 53 27.2 -1.4
SJPF	comp=E,53nm,0.3s				eS	06 53 27.2 +3.6
SJPF	Ste Jean	10.19	65	eP	Pn	06 53 27.2 -1.4
SJPF	comp=E,53nm,0.3s				eS	06 53 27.2 +3.6
SJPF	Ste Jean	10.19	65	eP	Pn	06 53 27.2 -1.4
SJPF	comp=E,53nm,0.3s				eS	06 53 27.2 +3.6
YBT	Youssef Ben Ta	10.33	158	P	Pn	06 53 24.0 -2.2
LARR	Larrou	10.34	66	P	Pn	06 53 24.0 -2.2
LARR	comp=E,14nm,0.1s,SNR=7.9				S	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GIVF Givet, WLF Waferdange, etc.

NEIC 16 07:01:31.4, 48.13N, 80:11W, h2km, MN2.5(OTT), After OTT.

NEIC Felt at Kirkland Lake. OTT 16 07:01:31.4, 0.3, 48.13N, 80:11W, h2km, MN2.5/9.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BELO Belleterre, EEO Eldee, etc.

IDC 16 07:03:42.5, 0.8, 5.34S, 153.85E, h0km, mb4.1/10, mb1.4/2.12, mb1mx4.0/42, mbtmp4.1/12, ML3.3/2, MS3.5/9, Ms1.3.4/9, ms1mx3.2/38, Error ellipse: s-maj=28.2km

ISCBJ 16 07:03:46.4, 0.7, 5.47S, 0.09x153.85E, 0.10, h35km, mb4.0/11, MS3.4/8, Error ellipse: s-maj=15.2km

NEIC 16 07:03:48.2, 2.9, 5.48S, 153.88E, h42km, 24km, mb4.6/2, Error ellipse: s-maj=21.8km s-min=15.8km az=56.0

ISC 16 07:03:58.2, 0.8, 5.55S, 0.1, 153.9E, 0.1, h35km, n25, c1919/24, mb4.1/11, MS3.4/8, New Ireland region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PMG Port Moresby, FITZ Fitzroy Crossi, etc.

ISCJB 16 07:06:39.5, 0.7, 5.07N, 0.1x150.9E, 0.2, h350km, mb3.2/11, Error ellipse: s-maj=19.3km s-min=14.1km

IDC 16 07:06:42.9, 2.1, 49.95N, 150.95E, h372km, 23km, mb3.0/11, mb1.3.2/13, mb1mx3.0/63, mbtmp3.8/13, Error ellipse: s-maj=19.0km s-min=13.8km az=163.0

ISC 16 07:06:41.4, 0.8, 49.9N, 0.2x151.1E, 0.1, h350km, n14, c157/14, mb3.3/11, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PETK Petropavlovsk, KLR Kuldur, etc.

MOS 16 07:11:56.6, 1.0, 10.69S, 73:53W, h107km, mb5.2/29, Error ellipse: s-maj=12.9km s-min=5.2km az=112.1

ISCBJ 16 07:11:56.4, 0.8, 10.70S, 0.00x73.47W, 0.03, h110km, 7km, mb5.2/105, Error ellipse: s-maj=6.3km s-min=3.4km az=139.5

BUI 16 07:11:58.0, 10.80S, 73:50W, h102km, mb5.3/16, NEIC 16 07:11:58.4, 0.6, 10.79S, 73:46W, h114km, 5km, mb5.3/75, Error ellipse: s-maj=5.4km s-min=2.9km az=60.0

NEIC Felt [III] at Atalaya and Satipo. Also felt at Chosica, Lima, Oxapampa and Pucallpa.

GCMT 16 07:11:58.3, 0.2, 10.85S, 73:46W, h133km, MW5.3/110, Moment Tensor Solution. s92,c146; s110,c189; Duration: t1 Moment tensor: Scale 10^11Nm; Mn=0.83±.02; Mw=0.80±.03; Ms=0.08±.02; M0=0.45±.03; M2=0.18±.02; Best double couple: M11.24100x10^17 Np1.285.000000, 866.000000, -7.99.000000. NP2.126.000000, 825.000000, -7.71.000000. Principal axes: T 1.3150, Plg21.00000; P Azm22.00000; N -0.1470, Plg8.00000; Azm289.00000; P -1.1680, Plg8.00000; Azm179.00000; nsta1 refers to body waves, cutoffs=40s. nsta2 refers to surface waves, cutoff=50s

IDC 16 07:11:58.9, 0.3, 10.76S, 73:50W, h117km, 2km, mb4.7/24, mb1.4/9.29, mb1mx4.8/39, mbtmp5.1/29, MS4.0/8, Ms1.4.0/8, ms1mx3.6/28, Error ellipse: s-maj=12.4km s-min=8.2km az=54.0

BGR 16 07:12:20.0, 11.22S, 72:39W, h33km, mb5.6, Ms4.5, ISC 16 07:11:58.8, 0.3, 10.87S, 0.04x73.49W, 0.05, h117km, 1km, h117km, pP-P, n945, c1903/1183, mb5.2/109, 12C-10D, Central Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ARE Arequipa, ATAH Atahuapla, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LVC Laredo, 933A Laredo, etc.

681 2010 DEC 20 16d 7h

833A	Chaparral WMA, baz=46,SNR=12	46.33	328	P	P	07 20 12.9	-0.3	Y36A	Durant	49.52	335	P	P	07 20 37.2	-0.5	SFIN	Scholer Farm	52.52	347	eP	P	07 20 57.8	-2.3
KM5C	Kings Mountain	46.36	351	P	P	07 20 12.7	-0.6	133A	Hamilton Ranch	49.59	332	P	P	07 20 37.9	-0.4	Q40A	Laux Farm, 1.7s	52.55	342	P	P	07 20 58.1	-2.2
KM5C	Kings Mountain	46.36	351	eP	pP	07 20 12.8	-0.5	X38A	Whitboro	49.61	337	P	P	07 20 37.9	-0.5	BRYW	Otter Creek Ra	52.56	2	eP	P	07 21 00.4	+0.2
340A	Bronson	46.37	336	P	P	07 20 13.2	-0.2	231A	Bronte	49.71	330	P	P	07 20 38.1	-1.1	BRYW	Muleshoe	52.57	329	eP	pP	07 21 28.3	+0.4
635A	Leesville	46.37	330	P	P	07 20 12.9	-0.7	330A	Mertzton	49.71	329	P	P	07 20 38.5	-0.8	MSTX	Muleshoe	52.57	329	eP	pP	07 20 59.0	-1.7
438A	Sam Houston St	46.46	334	P	P	07 20 13.8	-0.3	X37A	Clayton	49.75	336	P	P	07 20 39.1	-0.3	MSTX	Muleshoe	52.57	329	eP	pP	07 21 58.7	+0.4
339A	Huntington	46.57	335	P	P	07 20 15.3	+0.2	Z34A	Collier Ranch,	49.77	333	P	P	07 20 39.0	-0.6	T34A	McClaskey Farm	52.59	336	P	P	07 20 59.8	-0.8
733A	Divot King Ran	46.59	328	P	P	07 20 14.9	-0.4	W38A	Poteau	49.84	337	P	P	07 20 39.8	-0.3	S36A	Lake Cedric, C	52.59	333	P	P	07 20 59.5	-1.1
832A	Faith Ranch, C	46.60	327	P	P	07 20 15.2	-0.2	Y35A	Marietta	49.84	334	P	P	07 20 40.1	0.0	V31A	Spring Creek L	52.59	338	P	P	07 21 00.5	-0.6
536A	Bastrop	46.61	332	P	P	07 20 15.3	0.0	ABTX	Ableno	49.94	331	P	P	07 20 40.2	-0.8	AMTX	Amarillo	52.76	331	P	P	07 21 01.1	-1.0
634A	China Grove, S	46.65	330	P	P	07 20 15.9	+0.2	ABTX	Ableno, Hawle	49.94	331	eP	pP	07 20 40.5	-0.4	AMTX	Amarillo	52.76	331	eP	pP	07 21 01.0	-1.0
535A	Dal	46.81	331	P	P	07 20 16.6	-0.3	ABTX	Ableno	50.00	342	eP	pP	07 21 10.1	+1.7	AMTX	Amarillo	52.79	334	eP	pP	07 21 30.9	+1.2
437A	Phantom Ranch,	46.82	333	P	P	07 20 17.0	0.0	PBMO	Poplar Bluff	50.00	342	eP	pP	07 21 07.9	-2.6	U32A	Winter Ranch,	52.79	334	eP	pP	07 21 01.1	-1.0
338A	Crockett	46.91	334	P	P	07 20 18.0	+0.3	Z30A	Sterling City	50.07	329	P	P	07 20 40.8	-1.1	S35A	Other Creek Ra	52.83	337	P	P	07 21 01.3	-1.0
732A	Laxson Ranch,	46.95	328	P	P	07 20 17.5	-0.5	Z33A	Whitaker Ranch	50.08	332	P	P	07 20 41.6	-0.3	R37A	Teagarden Farm	52.84	339	P	P	07 21 01.2	-1.2
NATX	Nacogdoches	46.99	335	P	P	07 20 18.5	+0.2	SDMM	Soldier's Dell	50.12	357	eP	pP	07 20 42.5	+0.4	BINY	Binghamton	52.86	358	eP	pP	07 21 02.8	+0.3
NATX	Nacogdoches	46.99	335	eP	pP	07 20 17.9	-0.3	X36A	Centrahoma	50.13	335	P	P	07 20 42.0	-0.2	BINY	Binghamton	52.87	341	eP	pP	07 21 31.8	+1.2
436A	Wall Ranch, Ga	47.07	332	P	P	07 20 19.2	+0.3	Y34A	Reago Ranch	50.20	334	P	P	07 20 42.4	-0.4	Q39A	Willow Grove F	52.87	341	P	P	07 21 01.2	-1.4
337A	Centerville	47.12	334	P	P	07 20 19.4	+0.1	WCI	Wyandotte Cave	50.29	347	eP	pP	07 20 41.6	-1.9	Q38A	Cooks Store, C	53.01	340	P	P	07 21 02.3	-1.3
633A	Seathoff Ranch	47.13	329	P	P	07 20 19.0	-0.5	WCI	Wyandotte Cave	50.29	347	eP	pP	07 21 01.7	-0.2	R36A	Gordon, Harris	53.09	338	P	P	07 21 03.0	-0.3
239A	Gary	47.14	335	P	P	07 20 19.4	0.0	WCI	Wyandotte Cave	50.29	347	eP	pP	07 20 41.6	-1.9	HRV	Adam Dzewiosk	53.14	2	eP	pmax	07 21 03.8	-0.7
CPCT	Cooper Cave	47.23	348	eP	pP	07 20 19.4	-0.8	131A	Roby	50.34	330	P	P	07 21 10.7	-0.2	HRV	Adam Dzewiosk	53.14	2	eP	pmax	07 21 03.8	-0.7
CPCT	Cooper Cave	47.23	348	eP	pP	07 20 19.4	-0.8	USIN	University of	50.36	345	eP	P	07 20 42.5	-1.5	S34A	Willow Spring	53.15	337	P	P	07 21 03.3	-1.4
534A	Blanco	47.24	330	P	P	07 20 19.4	-1.0	USIN	University of	50.36	345	eP	P	07 20 42.5	-1.5	U31A	Nin-Ranch	53.15	333	P	P	07 21 03.7	-1.1
TKL	Tuckaleechee C	47.28	349	eP	pP	07 20 19.6	-0.9	USIN	University of	50.43	332	eP	pP	07 21 10.8	-0.6	P39A	Salisbury	53.21	341	P	P	07 21 03.4	-1.7
TKL	Tuckaleechee C	47.28	349	eP	pP	07 20 19.6	-0.9	Z32A	Haskell	50.43	332	P	P	07 20 43.9	-0.7	Q37A	Longview Farm,	53.21	340	P	P	07 21 03.7	-1.5
TKL	Tuckaleechee C	47.28	349	eP	pP	07 20 19.6	-0.9	V38A	Canehill	50.50	338	P	P	07 20 44.7	-0.4	HDIL	Hopedale	53.22	345	P	P	07 21 02.8	-2.3
TKL	Tuckaleechee C	47.28	349	eP	pP	07 20 19.6	-0.9	SIUC	Southern Illin	50.53	344	eP	pP	07 20 43.7	-1.5	HDIL	Hopedale	53.22	345	eP	pP	07 21 03.3	-1.8
SWET	Sewanee	47.32	346	eP	pP	07 20 19.6	-1.3	SIUC	Southern Illin	50.53	344	eP	pP	07 21 11.5	-1.2	HDIL	Hopedale	53.22	345	eP	pP	07 21 31.8	+1.3
435B	Jarrell	47.44	332	P	P	07 20 21.5	-0.4	130A	Snyder	50.56	330	P	P	07 20 45.2	-0.5	TRY	Troy	53.34	360	eP	P	07 21 06.0	+0.1
632A	Uvalde	47.48	328	P	P	07 20 21.5	-0.6	W36A	Wetunka	50.57	336	P	P	07 20 45.3	-0.3	R35A	Emporia Munici	53.34	338	P	P	07 21 04.8	-1.3
533A	Kerrville	47.56	330	P	P	07 20 21.8	-1.0	Y33A	Hilltop Ranch,	50.62	333	P	P	07 20 45.2	-0.8	S33A	Kaszaul Farm,	53.41	336	P	P	07 21 05.8	-0.8
OXF	Oxford	47.59	342	eP	pP	07 20 21.5	-1.4	MVL	Millersville	50.68	357	eP	pP	07 20 46.6	+0.4	T32A	Huddler Ranch,	53.43	335	P	P	07 21 06.1	-0.8
OXF	Oxford	47.59	342	eP	pP	07 20 21.5	-1.4	MVL	Millersville	50.68	357	eP	pP	07 21 13.4	-0.4	MMNY	Mt. Morris Dam	53.49	356	eP	pP	07 21 06.8	-0.3
OXF	Oxford	47.59	342	eP	pP	07 20 21.5	-1.4	Z31A	Sharp Cattle R	50.75	331	P	P	07 20 46.3	-0.8	MMNY	Mt. Morris Dam	53.49	356	eP	pP	07 21 34.7	+0.2
336A	Riesel	47.61	333	P	P	07 20 22.8	-0.3	X34A	Smith Ranch, M	50.78	334	P	P	07 20 47.0	-0.2	P38A	Dawn	53.58	341	P	P	07 21 06.1	-1.7
237A	Washetta, Mont	47.68	334	P	P	07 20 23.8	+0.2	V37A	Hulbert	50.80	337	P	P	07 20 46.4	-0.9	U30A	WK&E Inc. Balc	53.64	333	P	P	07 21 07.1	-1.2
139A	Bunkhouse Ranc	47.78	336	P	P	07 20 24.3	+0.6	W35A	Tecumseh	50.84	335	P	P	07 20 46.2	-1.5	Q36A	Arnold C. Orve	53.64	339	P	P	07 21 07.3	-1.0
335A	Moody	47.79	332	P	P	07 20 24.6	+0.1	Y32A	R-V Farms, Ver	50.99	332	P	P	07 20 48.1	-0.7	T31A	Randall Ranch,	53.68	334	P	P	07 21 07.9	-0.8
434A	Burnet	47.79	331	P	P	07 20 23.5	-1.1	U38A	Greavette	51.01	338	P	P	07 20 47.8	-1.0	R34A	Isabella, Hill	53.72	337	P	P	07 21 08.0	-0.9
631A	Perdido Creek	47.81	328	P	P	07 20 23.9	-0.9	X33A	Lawton	51.02	333	P	P	07 20 48.2	-0.8	AAM	Ann Arbor	53.73	351	eP	pmax	07 21 07.2	-1.6
138A	Matatal Enter	47.95	335	P	P	07 20 25.6	-0.1	V36A	Jenks	51.02	336	P	P	07 20 48.0	-0.9	AAM	Ann Arbor	53.73	351	eP	pmax	07 21 07.2	-1.6
236A	Katherine and	47.99	333	P	P	07 20 26.0	-0.1	TUL1	Tulsa	51.07	337	P	P	07 20 48.3	-1.1	AAM	Ann Arbor	53.73	351	eP	pmax	07 21 07.2	-1.6
532A	Rocksprings	48.04	329	P	P	07 20 25.9	-0.7	TUL1	Tulsa	51.07	337	eP	pP	07 20 48.6	-0.7	Q35A	Mercer Eighty,	53.76	338	P	P	07 21 08.2	-0.9
433A	Art	48.14	330	P	P	07 20 26.2	-1.1	TUL1	Tulsa	51.07	337	eP	pP	07 21 17.5	+0.8	P37A	Lathrop	53.81	340	P	P	07 21 08.0	-1.6
137A	Heron Place, G	48.17	335	P	P	07 20 27.4	0.0	OLIL	Olney	51.20	345	eP	pP	07 20 48.4	-1.8	S32A	Newby Ranch, P	53.88	335	P	P	07 21 09.6	-0.5
334A	Lometa	48.21	331	P	P	07 20 27.1	-0.7	Z30A	Sanderson Ranc	51.20	330	P	P	07 20 49.4	-1.1	Q38A	Garland	54.01	341	P	P	07 21 09.6	-1.3
BLA	Blacksburg	48.27	353	eP	pP	07 20 28.4	+0.3	BLO	Bloomington	51.24	347	eP	pP	07 20 49.1	-1.5	R33A	Olander Ranch,	54.02	336	P	P	07 21 09.8	-1.2
BLA	Blacksburg	48.27	353	eP	pP	07 20 28.4	+0.3	BLO	Bloomington	51.24	347	eP	pP	07 21 17.4	-0.7	S31A	Mullinville	54.04	335	P	P	07 21 10.9	-0.4
BLA	Blacksburg	48.27	353	eP	pP	07 20 28.4	+0.3	U37A	Salina	51.25	338	P	P	07 20 49.9	-0.8	P36A	Good Intent, A	54.14	339	P	P	07 21 10.8	-1.1
JCT	Junction City	48.27	329	eP	pP	07 20 28.2	-0.1	X32A	Elmer	51.27	333	P	P	07 20 49.8	-1.1	Q34A	Chapman	54.15	337	P	P	07 21 10.8	-1.2
JCT	Junction City	48.27	329	eP	pP	07 20 28.2	-0.1	W34A	Bridge Creek,	51.29	334	eP	pP	07 20 52.1	+1.1	KSU1	Kansas State U	54.18	338	P	P	07 21 10.8	-1.4
JCT	Junction City	48.27	329	eP	pP	07 20 28.2	-0.1	W34A	Bridge Creek,	51.29	334	eP	pP	07 21 1									

16d 7h

ANMO Albuquerque	55.24 327	eP	P	07 21 19.4 -0.7
ANMO		ePP	P	07 21 49.1 +1.0
M37A Trindle Farm,	55.36 341	P	P	07 21 19.5 -1.0
P32A Huiting Farm,	55.39 337	P	P	07 21 19.6 -1.3
N35A Tabor	55.39 340	P	P	07 21 19.3 -1.6
O33A Hebron	55.39 338	P	P	07 21 20.2 -0.8
R29A Marienthal	55.42 334	P	P	07 21 20.2 -1.1
Q30A Quinter	55.50 335	P	P	07 21 21.5 -0.3
SCIA State Center	55.56 342	eP	P	07 21 20.4 -1.7
SCIA Stockton	55.61 336	ePP	P	07 21 48.2 -1.8
M36A Felix, Anita	55.64 341	P	P	07 21 21.1 -1.6
R28A Tribune	55.65 333	P	P	07 21 21.9 -1.0
N34A Lincoln	55.67 339	P	P	07 21 22.0 -0.9
JFWS Jewell Farm	55.67 345	ePP	P	07 21 21.3 -1.6
JFWS Jewell Farm	55.67 345	ePP	P	07 21 21.2 -1.6
JFWS Oak Wood Farm,	55.70 343	P	P	07 21 49.4 -1.4
L38A Oakley	55.74 334	P	P	07 21 21.3 -1.8
Q29A Tucson	55.80 322	ePP	P	07 21 22.4 -1.2
TUC Tucson	55.80 322	ePP	P	07 21 23.2 -0.9
TUC Tucson	55.80 322	ePP	P	07 21 23.2 -0.9
TUC Tucson	55.80 322	ePP	P	07 21 23.2 -0.9
O32A Brockman Farm,	55.82 337	P	P	07 21 23.1 -0.9
T25A Trinidad	55.89 330	P	P	07 21 24.6 -0.2
T25A Trinidad	55.89 330	P	P	07 21 24.7 -0.1
L37A Phoenix Point,	55.92 342	P	P	07 21 52.9 +0.2
N33A J Bar K, Exete	55.92 338	P	P	07 21 23.7 -1.0
M35A Neola	55.95 340	P	P	07 21 23.8 -1.1
P30A Selden	55.98 335	P	P	07 21 24.5 -0.8
K38A Parkersburg	56.11 343	P	P	07 21 24.1 -1.9
MNT Montreal	56.11 360	ePP	P	07 21 25.6 -0.3
MNT Montreal	56.11 360	ePP	P	07 21 54.1 +0.2
MNT Montreal	56.11 360	ePP	P	07 21 25.6 -0.3
O31A Woolen Ranch,	56.13 336	P	P	07 21 25.1 +0.2
L36A Harm Buss Farm	56.19 341	P	P	07 21 25.8 -0.5
Q28A Sharon Springs	56.26 334	P	P	07 21 26.2 -1.0
N32A Stulken Farm,	56.26 337	P	P	07 21 27.7 +0.6
M34A Aspy Farms, Fr	56.29 339	P	P	07 21 26.1 -1.2
P29A Atwood	56.32 335	P	P	07 21 26.7 -0.9
O30A MW Ranch, Wils	56.45 336	P	P	07 21 27.6 -0.9
K37A Belmont	56.47 342	P	P	07 21 26.4 -2.1
L35A Bielow Farm, R	56.48 340	P	P	07 21 27.6 -1.1
M33A Taylor Creek F	56.56 339	P	P	07 21 28.4 -0.9
KSC0 Kaye Shedlock	56.56 333	P	P	07 21 29.2 -0.3
KSC0 Kaye Shedlock	56.56 333	P	P	07 21 29.0 -0.5
K36A Gilmore City	56.60 342	P	P	07 21 56.8 -0.7
L34A Svendsen Farm,	56.63 340	P	P	07 21 28.6 -1.1
J38A Wedel Dairy, R	56.64 343	P	P	07 21 28.4 -1.4
P28A Saint Francis	56.65 334	P	P	07 21 29.6 -0.4
BGNE Belgrade	56.77 338	P	P	07 21 29.8 -0.9
BGNE Belgrade	56.77 338	P	P	07 21 29.8 -0.9
BGNE Organ Pipe Nat	56.82 320	P	P	07 21 59.1 +0.3
SDCO Great Sand Dun	56.90 330	P	P	07 21 31.3 -0.0
SDCO Great Sand Dun	56.90 330	P	P	07 21 31.9 -0.2
SDCO Storm Lake	56.92 341	P	P	07 21 31.6 -0.5
K35A Storm Lake	56.92 341	P	P	07 22 00.4 +0.2
J37A Redenius Farm,	56.94 343	P	P	07 21 30.0 -1.9
N30A Hueffle Ranch,	56.99 336	P	P	07 21 32.3 0.0
M31A Lambrecht Ranc	57.02 337	P	P	07 21 32.9 +0.4
O28A Krutinger Ran	57.11 334	P	P	07 21 32.8 -0.5
L33A Hoskins	57.11 339	P	P	07 21 32.7 -0.5
W18A Petrified Fore	57.17 325	P	P	07 21 33.8 -0.1
K34A Le Mars	57.17 340	P	P	07 21 32.6 -0.9
J36A Seneca 1, Swea	57.20 342	P	P	07 21 31.5 -2.1
N29A Votaw Ranch, W	57.22 336	P	P	07 21 33.3 -0.6
L32A Elgin	57.23 335	P	P	07 21 33.5 -0.5
I38A Scanlan Farm,	57.27 344	P	P	07 21 32.5 -1.7
K33A Hardington	57.41 340	P	P	07 21 34.5 -0.7
N28A Pribbeno Ranch	57.48 335	P	P	07 21 35.5 -0.3
PQI Presque Isle	57.49 4	eP	P	07 21 35.5 -0.1
J35A Milford	57.50 341	P	P	07 21 33.9 -1.9
M30A Dale-Ortello V	57.53 337	P	P	07 21 35.9 -0.2
I37A Lemond, Waseca	57.55 343	P	P	07 21 34.4 -1.7
S22A 4UR Ranch, Cre	57.57 329	P	P	07 21 36.3 -0.5
S22A 4UR Ranch, Cre	57.57 329	eP	P	07 21 36.5 -0.2
J34A George	57.66 341	P	P	07 21 35.8 -1.2
L31A Butterfield Fa	57.69 338	P	P	07 21 36.6 -0.5
Q24A Divide	57.69 331	P	P	07 21 36.9 -0.7
I36A Fitzsimmons Fa	57.73 343	P	P	07 21 37.2 -0.4
M29A Burnside Ranch	57.77 336	P	P	07 21 37.5 -0.4
K32A Verdigre	57.80 339	P	P	07 21 36.4 -1.5
L30A Spencer Herefo	57.82 337	P	P	07 21 37.5 -0.7
I35A Creekvievw Farm	57.87 342	P	P	07 21 37.0 -1.4
H37A Dierke Farm, C	57.93 344	P	P	07 21 37.2 -1.6
M28A Bar X Bar Ranc	58.01 335	P	P	07 21 38.7 -0.8
MVCO Mesa Verde	58.03 327	P	P	07 21 39.2 -0.7
MVCO Mesa Verde	58.03 327	eP	P	07 21 39.3 -0.6

2010 DEC

MVCO J33A Davis	58.03 340	eP	P	07 22 09.0 +0.9
K31A O'Neill	58.04 338	P	P	07 21 38.4 -1.1
H36A Jessenland, He	58.21 343	P	P	07 21 38.9 -0.8
L29A Maesberg Ranch	58.22 337	P	P	07 21 39.4 -1.4
LMQ La Malbaie	58.22 3	eP	P	07 21 40.5 -0.2
ECSD EROS Data Cent	58.28 340	P	P	07 21 39.2 -2.1
ECSD EROS Data Cent	58.28 340	eP	P	07 21 39.5 -1.8
ECSD EROS Data Cent	58.31 341	ePP	P	07 22 08.6 -0.8
J32A Parkston	58.38 339	P	P	07 21 40.1 -1.8
WUAZ Wupatki	58.39 324	P	P	07 21 42.4 0.0
WUAZ Wupatki	58.39 324	eP	P	07 21 42.4 0.0
K30A Basset	58.41 338	ePP	P	07 22 10.8 +0.3
SPMN St. Paul	58.49 344	P	P	07 21 41.2 -1.5
SPMN St. Paul	58.49 344	eP	P	07 21 41.0 -1.7
ISCO Idaho Springs	58.57 331	eP	P	07 21 43.1 -0.6
ISCO Idaho Springs	58.57 331	ePP	P	07 22 12.4 +0.5
ISCO Idaho Springs	58.57 331	eP	P	07 21 42.9 -0.8
ISCO Idaho Springs	58.57 331	eP	P	07 21 43.3 -1.2
H35A Sunnyside Ranc	58.59 342	P	P	07 21 43.1 -0.6
I33A Coleman	58.62 340	P	P	07 21 42.3 -1.3
J31A Geddes	58.62 339	P	P	07 21 42.5 -1.1
SMCO Snowmass	58.74 330	eP	P	07 21 45.0 0.0
K29A Lazy Trails An	58.75 337	eP	P	07 21 43.9 -0.7
PV01 Paradox Valley	58.76 328	eP	P	07 21 44.6 -0.4
PV01 Paradox Valley	58.76 343	ePP	P	07 22 13.9 +0.7
G32A St. Michael	58.76 343	P	P	07 21 43.3 -1.2
I32A Karley and Nic	58.82 340	P	P	07 21 44.3 -0.7
VLD0 Val d'Or	58.83 357	eP	P	07 21 44.9 0.0
H34A Spellman Lake,	58.85 342	ePP	P	07 22 13.4 +0.3
J30A Dallas	58.92 338	P	P	07 21 44.4 -1.4
G35A Watkins	58.96 343	P	P	07 21 44.6 -1.4
PV05 Paradox Valley	58.99 328	eP	P	07 21 46.0 -0.6
Y12C Blythe	59.09 320	P	P	07 21 47.2 +0.2
K28A Ten Mile Ranch	59.17 336	P	P	07 21 47.4 +0.2
H33A Prehn Over Nor	59.17 341	P	P	07 21 46.1 -1.3
PV10 Paradox Valley	59.18 328	eP	P	07 21 46.9 -1.0
I31A Royce, Wessing	59.19 339	P	P	07 21 46.9 -0.7
PDMC Parker Dam,Lak	59.21 321	P	P	07 21 47.3 -0.6
H32A Carlson Farm,	59.24 340	P	P	07 21 46.7 -1.2
F36A Milaca	59.28 344	P	P	07 21 46.8 -1.3
J29A Okreek	59.30 338	P	P	07 21 47.6 -0.8
G34A Benson	59.32 342	P	P	07 21 46.8 -1.6
I30A Dacoma	59.41 338	P	P	07 21 48.5 -0.6
G33A Ortonville	59.53 341	P	P	07 21 48.3 -1.5
H31A Wasey	59.57 339	P	P	07 21 48.9 -1.2
F35A Swanville	59.57 343	P	P	07 21 48.9 -1.2
N23A Red Feather La	59.59 332	P	P	07 21 50.1 -0.6
N23A Red Feather La	59.59 332	eP	P	07 21 50.4 +0.3
BC3 Big Chuckwall	59.61 320	P	P	07 21 50.3 -0.5
J28A Allard Ranch,	59.66 337	P	P	07 21 50.7 -0.2
PHWY Pilot Hill	59.69 332	eP	P	07 21 51.0 -0.4
PHWY South Dakota S	59.70 339	ePP	P	07 22 20.9 +1.2
SUSD Camp Elliot, M	59.71 343	P	P	07 21 50.0 -1.1
F34A Alexandria	59.71 343	P	P	07 21 50.0 -1.1
MONP Monument Peak	59.74 318	P	P	07 21 51.2 -0.6
IRM Iron Mountain	59.75 320	P	P	07 21 51.9 +0.3
BAR Barrett	59.78 318	eP	P	07 21 51.8 0.0
E36A McGregor	59.81 344	P	P	07 21 50.7 -1.1
I29A Vivian Onida	59.82 338	P	P	07 21 51.3 -0.6
J27A Elkhorn Farm,	59.82 336	P	P	07 21 52.4 +0.4
G32A Webster	59.82 341	P	P	07 21 51.5 -1.1
F33A 5 Mile Ranch,	60.06 342	P	P	07 21 51.9 -1.6
O20A White River Ci	60.10 330	P	P	07 21 53.9 -0.2
O20A White River Ci	60.10 330	eP	P	07 21 53.9 -0.2
I28A Midland	60.13 337	P	P	07 21 53.0 -1.0
G31A Conde	60.13 340	P	P	07 21 53.0 -0.9
E35A Pequot Lakes	60.16 344	P	P	07 21 52.8 -1.3
BELC Belle Mtn. Jos	60.18 320	P	P	07 21 54.6 -0.1
109C Camp Elliot, M	60.19 318	P	P	07 21 54.1 -0.5
D37A Cotton	60.19 345	P	P	07 21 52.9 -1.4
PFO Pinyon Flat Ob	60.22 319	ePP	P	07 21 55.2 +0.2
PFO Pinyon Flat Ob	60.22 319	ePP	P	07 22 25.1 +1.8
PFO Pinyon Flat Ob	60.22 319	eP	P	07 21 55.0 0.0
PFO Pinyon Flat Ob	60.22 319	eP	P	07 21 55.2 +0.2
PFO Grand Marais	60.27 347	ePP	P	07 22 25.1 +1.8
J26A Sides Ranch, S	60.30 335	P	P	07 21 55.4 +0.1
H29A Onida	60.31 338	P	P	07 21 54.5 -0.7
E34A Wadena	60.34 343	P	P	07 21 54.7 -0.6
F32A Veblen	60.35 341	P	P	07 21 54.3 -1.1
G30A Faulcon	60.37 339	P	P	07 21 54.9 -0.7
D36A Goodland	60.40 345	P	P	07 21 54.4 -1.3
C38A Sawbill Land.	60.43 346	P	P	07 21 54.6 -1.4
GMRC Granite Mountn	60.47 321	P	P	07 21 56.7 +0.1
SRU San Rafael	60.50 327	eP	P	07 21 56.3 -0.6
SRU San Rafael	60.50 327	ePP	P	07 22 25.5 +0.3
SRU San Rafael	60.50 327	eP	P	07 21 56.3 -0.6

682

SRU I27A Quinn	60.52 337	eP	P	07 22 25.5 +0.3
D35A Rember	60.54 344	P	P	07 21 56.7 -0.1
E33A Westby DABS, E	60.57 342	P	P	07 21 55.0 -1.2
H28A Mission Ridge	60.65 338	P	P	07 21 57.0 -0.5
C37A Embarrass	60.66 346	P	P	07 21 56.2 -1.3
J25A Sunshine Ranch	60.66 335	P	P	07 21 56.8 -0.9
G29A Haven	60.69 339	P	P	07 21 56.0 -1.9
MURC Murrieta	60.70 319	P	P	07 21 57.9 -0.2
EYMN Ely	60.70 346	P	P	07 21 56.2 -1.6
EYMN Ely	60.70 346	eP	P	07 21 56.7 -1.1
EYMN Ely	60.70 346	ePP	P	07 22 24.9 -1.3
F31A Hecla	60.70 340	P	P	07 21 56.8 -1.0
P18A Preston Nutter	60.74 328	eP	P	07 21

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PERS Pernice, SOKA Soboth, SOKA Soboth, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array, etc.

CSEM 16 07:36:19.8, 39.52N; 29.72W, h10km, ML3.4, After PDA PDA 16 07:36:19.8-0.9, 39.52N; 29.72W, h10km, MS3.6, ML3.4, Error ellipse: s-maj=17.0km s-min=7.8km az=51.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, ROSA Rosais, etc.

IDC 16 07:56:07.5:65.0, 23.64S; 178.10W, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.7/23, mbtmp3.8/3, MS3.2/1, Ms1 3.5/2, ms1mx2.8/23, Error ellipse: s-maj=187.0km s-min=164.2km az=88.0, South of Fiji Islands

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

BJI 16 08:01:00.6, 9.76S; 40.12E, h10km, mb4.8/15, mb5.3/8, Ms5.2/3, Ms7.4/75

ISCJB 16 08:01:07.0:0.4, 9.16S; 0.05:41.14E; 0.06, h10km, mb4.2/11, MS3.5/8, Error ellipse: s-maj=8.9km s-min=7.4km az=156.9

IDC 16 08:01:08.0:1.0, 9.04S; 41.39E, h0km, mb4.0/7, mb1 4.2/8, mb1mx3.8/36, mbtmp4.1/8, ML4.7/11, MS3.5/12, Ms1 3.5/12, ms1mx3.2/38, Error ellipse: s-maj=33.2km s-min=23.4km az=105.0

NEIC 16 08:01:09.0:0.5, 9.08S; 41.10E, h10km, mb4.7/4, Error ellipse: s-maj=11.4km s-min=9.0km az=96.0

ISC 16 08:01:08.1:0.5, 9.25S; 0.06:41.06E; 0.06, h10km, n44, c259/43, mb4.5/11, MS3.6/8, 1C, Northwest of Madagascar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DODT Dodoma, KMBO Kilima Mbogo, OPO Opo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SUR Sutherland, UOSS Wadi Hiliu, TORD Toratj Arr, etc.

ISCJB 16 08:11:56.1:2.0, 2.99S; 0.3:100.1E; 0.4, h27km, mb3.7/7, Error ellipse: s-maj=73.4km s-min=17.0km az=145.4

ISC 16 08:11:58.0:2.8, 3.05S; 0.4:100.0E; 0.6, h27km, n20, c058/8, mb3.9/7, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LEM Lembang, H08S2 Diego Garcia, H08S3 Diego Garcia, etc.

IDC 16 08:21:35.3:6.3, 4.37N; 31.35W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/34, mbtmp3.5/3, MS3.3/3, Ms1 3.3/3, ms1mx2.8/23, Error ellipse: s-maj=259.5km s-min=35.6km az=4.0, Central Mid-Atlantic Ridge

H08S2 ASCENSION HYDR21.73 126 T T 08 47 02.1

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like H10N3 ASCENSION HYDR20.73 126 T T 08 47 02.6, H10N2 ASCENSION HYDR20.73 126 T T 08 47 03.7, etc.

IDC 16 08:49:59.0:4.2, 2.91S; 129.70E, h35km, mb4.5/12, Error ellipse: s-maj=11.8km s-min=6.4km az=54.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like H10S3 ASCENSION HYDR21.26 129 T T 08 47 40.3, H10S1 ASCENSION HYDR21.26 128 T T 08 47 40.2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR21.28 129 T T 08 47 41.8, DBIC Dimbokro, etc.

DJA 16 08:43:33.1:0.6, 1.14N; 9.9E; 1.1, h10km, M4.3/6, mb5.8/1, mb6.7/1, MLV3.6/6, Mw(mb)6.5/1, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MNSI Mandailing Nat, GSI Gunungsiloli, PPI Padang Panjang, etc.

IDC 16 08:49:54.8:0.7, 2.91S; 129.55E, h0km, mb4.2/11, mb1 4.4/14, mb1mx4.2/37, mbtmp4.3/14, ML4.3/3, MS3.4/8, Ms1 3.4/8, ms1mx3.1/35, Error ellipse: s-maj=22.9km s-min=14.1km az=71.0

AUST 16 08:49:56.0:3.2, 2.99S; 129.51E, h0km, ISCJB 16 08:49:56.0:0.4, 2.99S; 129.61E; 0.03, h28km, mb4.5/20, MS3.4/8, Error ellipse: s-maj=4.7km s-min=4.1km az=151.8

BJI 16 08:49:59.3:0.9S; 129.25E, h33km, mb4.7/12, mb5.2/10, Ms4.6/7, Ms7.4/27

DJA 16 08:49:59.0:5.3, 5.13N; 13.0E, h54km, mb18km, M4.7/13, mb5.1/4, mb5.2/3, MLV4.5/13, Mw(mb)4.6/3

NEIC 16 08:49:59.0:4.2, 2.91S; 129.70E, h35km, mb4.5/12, Error ellipse: s-maj=11.8km s-min=6.4km az=54.0

ISC 16 08:49:58.9:0.4, 2.93S; 0.04:129.59E; 0.05, h28km, n81, c154/77, mb4.4/20, MS3.4/8, Seram

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BNDI Bandanaira, BNDI Bandanaira, NLAI Namlea, etc.

Table with columns: UPC, Station Name, Az, El, Sg, Sg, Time, Res. Includes stations like Ulice, Stebnicka Huta, etc.

SJA 16 10:44:57.9-0.7, 32.92S:70.28W, h102km, 6km, ML3.1, MW2.8

ISCJB 16 10:44:58.1±1.2, 32.97S:0.07x70.28W:0.07, h110km, 9km, Error ellipse: s-maj=14.1km s-min=5.2km az=138.5

GUC 16 10:44:58.4±1.38W, h102km, 3km, ML3.3

ISC 16 10:44:58.3±2.3, 32.92S:0.07x70.30W:0.07, h109km, 16km, n17, 0.09±5/28, 4C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in the border region like Peidhue, Cerro Calan, etc.

ISCJB 16 10:48:31.1±0.5, 58.18N:0.03x142.77W:0.05, h35km, Error ellipse: s-maj=4.0km s-min=3.6km az=20

NEIC 16 10:48:35.0, 58.16N:142.80W, h17km, ML3.0(AEIC), After AEIC.

PGC 16 10:48:35.1±2.0, 58.20N:142.55W, h35km, ML3.2/9, 214km Wsw of Yakutat, Ak Gulf of Alaska

ISC 16 10:48:31.5±1.8, 58.12N:0.09x142.80W:0.06, h35km, n64, 0.123/83, Gulf of Alaska

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in the Gulf of Alaska region like Suckling Hills, MESA, etc.

Table with columns: WHY, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations like Whitehorse, Beaver Creek A, etc.

KRSC 16 10:51:35.2±1.8, 61.25N:168.42E, h111km, 15km, ML4.3, Eastern Siberia

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Eastern Siberia like Tilki, Oссора, etc.

ISCJB 16 11:01:40.9-0.7, 38.72N:0.02x54E:0.04, h6km, 4km, Error ellipse: s-maj=5.7km s-min=3.8km az=168.6

THE 16 11:01:41.3, 38.74N:20.57E, h0km, 1km, ML2.8/6, Error ellipse: s-maj=1.0km s-min=0.4km az=354.0

CSEM 16 11:01:41.0±0.2, 38.72N:20.56E, h8km, ML2.8, Error ellipse: s-maj=5.3km s-min=3.5km az=72.0

ATH 16 11:01:42.0, 38.65N:20.56E, h33km, 3km, MD3.4/9

ISC 16 11:01:41.2±1.0, 38.72N:0.02x54E:0.03, h6km, 7km, n52, 0.09±8/1, Greece

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Greece like Lefkada island, Prodomos, etc.

ISCJB 16 11:46:53.6±0.9, 0.8N:0.1x98.7E:0.1, h100km, mb3.1/3, Error ellipse: s-maj=21.1km s-min=8.1km az=43.5

DJA 16 11:46:55.6±0.8, 1.1N:6.9x9E:1, h59km, 14km, M3.6/12, ML3.6/12

IDC 16 11:46:58.1±4.5, 1.40N:99.77E, h90km, 41km, mb2.7/3, mb1.2/9.3, mb1mx2.8/50, mbtrmp3.1/3, Error ellipse: s-maj=388.2km s-min=27.0km az=55.0

ISC 16 11:46:53.9±1.3, 0.96N:0.08x98.7E:0.08, h100km, n12, 0.175/12, mb3.1/3, Northern Sumatara

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Northern Sumatara like SBSI, MNSI, etc.

ISCJB 16 11:54:07.4±0.9, 37.19N:0.07x37.17E:0.05, h0km, Error ellipse: s-maj=10.2km s-min=4.6km az=18.4

CSEM 16 11:54:07.6±0.6, 37.20N:37.17E:0.1km, MD2.7, Error ellipse: s-maj=18.8km s-min=10.8km az=8.0, Mining explosion.

DDA 16 11:54:08.0, 37.25N:37.14E, h7km, MD2.7

ISC 16 11:54:07.5±1.1, 37.19N:0.08x37.21E:0.04, h0km, n12, 0.056/18, Turkey

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Turkey like HCB, AYKD, etc.

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Turkey like AFSR, BBAL, etc.

ISCJB 16 11:44:04.9±0.4, 38.75N:0.03x31.72E:0.03, h0km, Error ellipse: s-maj=0.3km s-min=0.3km az=15.7

ISK 16 11:44:04.7, 38.73N:31.77E, h4km, MD2.9

DDA 16 11:44:04.2, 38.82N:31.76E, h7km, MD2.6

CSEM 16 11:44:05.1±0.1, 38.73N:31.72E, h2km, MD2.9, Error ellipse: s-maj=1.2km s-min=1.4km az=24.0, Mining explosion.

ISC 16 11:44:05.0±0.8, 38.73N:0.03x31.72E:0.02, h0km, n35, 0.054/44, Turkey

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Turkey like KIZIT, KDHN, etc.

ISCJB 16 11:46:53.6±0.9, 0.8N:0.1x98.7E:0.1, h100km, mb3.1/3, Error ellipse: s-maj=21.1km s-min=8.1km az=43.5

DJA 16 11:46:55.6±0.8, 1.1N:6.9x9E:1, h59km, 14km, M3.6/12, ML3.6/12

IDC 16 11:46:58.1±4.5, 1.40N:99.77E, h90km, 41km, mb2.7/3, mb1.2/9.3, mb1mx2.8/50, mbtrmp3.1/3, Error ellipse: s-maj=388.2km s-min=27.0km az=55.0

ISC 16 11:46:53.9±1.3, 0.96N:0.08x98.7E:0.08, h100km, n12, 0.175/12, mb3.1/3, Northern Sumatara

Table with columns: Code, Station Name, Az, El, Sg, Sg, Time, Res. Lists stations in Northern Sumatara like SBSI, MNSI, etc.

explosion.
DDA 16 13:38:20.1, 40.87N, 26.21E, h7km, Md2.9
SOF 16 13:38:22.2, 41.05N, 26.04E, h2km, MD2.7
ISC 16 13:38:19.6, 0.8, 40.90N, 0.03, 26.13E, 0.03, h0km, m50,
c#083/63, Turkey

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

DDC 16 13:54:38.4, 3.2, 32.51S, 178.93W, h0km, mb3.7/2,
mb1 3.9/3, mb1mx3.7/38, mbtmp3.7/3, ML3.4/1, Error
ellipse: s-maj=70.8km s-min=46.1km az=112.0

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

DDC 16 13:56:57.4, 1.1, 4.79N, 125.53E, h0km, mb3.7/7,
mb1 4.0/7, mb1mx3.7/49, mbtmp3.8/7, MS3.0/5, Ms1 3.0/5,
ms1net 6/44, Error ellipse: s-maj=52.4km s-min=18.8km
az=68.0

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

DDC 16 13:58:50.9, 3.4, 33.47S, 178.74W, h0km, mb3.8/3,
mb1 4.1/4, mb1mx3.7/42, mbtmp3.9/4, ML4.0/1, Error
ellipse: s-maj=75.5km s-min=48.9km az=119.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKGZ, Te Karaka, MWZ, Mawai, URZ, etc.

DDC 16 14:02:59.7, 0.8, 22.46S, 169.68E, h0km, mb4.5/16,
mb1 4.6/17, mb1mx4.4/39, mbtmp4.5/17, ML4.4/1, MS3.8/12,
Ms1 3.9/12, ms1mx3.6/33, Error ellipse: s-maj=23.0km
s-min=17.2km az=151.0

ISCJB 16 14:03:01.9, 0.3, 22.58S, 0.04, 169.61E, 0.05, h23km,
mb4.7/31, MS3.9/8, Error ellipse: s-maj=7.3km
s-min=5.8km az=142.1

MOS 16 14:03:05.3, 1.7, 22.33S, 169.38E, h33km, mb5.0/6, Error
ellipse: s-maj=15.8km s-min=11.1km az=34.5

GCMT 16 14:03:06.4, 0.3, 22.50S, 169.56E, h27km, MW5.0/70,
Moment Tensor Solution, #36, c47, s70, c92, Duration:
0. Moment tensor: Scalar 10^19Nm, M1-3.2E, 19;
M2-3.54E, 12; M3-0.27E, 12; M4-0.44E, 18; M5-0.63E, 08;
M6-0.41E, 23; Best double couple: M0 3.50700x10^16
NP1=270.00000, 849.00000, -1.102.00000, NP2:
phi=108.00000, delta=3.00000, lambda=77.00000. Principal axes:
T 3.66000, P1g3.00000, Azm9.00000; N -0.3020,
P1g9.00000, Azm278.00000; P -3.3540, P1g81.00000,
Azm18.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

NEIC 16 14:03:06.4, 1.2, 22.52S, 169.51E, h48km, mb4.9/15
Error ellipse: s-maj=11.7km s-min=8.0km az=50.0

BJJ 16 14:03:07.0, 22.60S, 169.40E, h52km, mb4.8/24, mb5.1/15,
Ms5.0/4, Ms7 4.6/6

AUST 16 14:03:39.5, 22.99S, 168.37E, h300km
ISC 16 14:03:03.6, 0.4, 22.50S, 0.07, 169.59E, 0.07, h23km, m156,
sigma145/149, mb4.7/32, MS4.0/8, 18C-8D, Southeast of

Loyalty Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NLAI, Namlea, MEEK, Meeekathara, LBMI, Labua, etc.

B25A	Knox Farm, Ray	41.64	67	P	P	15 05 22.7	-0.1	B32A	Ashes, Strandq	45.37	63	P	P	15 05 52.3	-0.5	C39A	Grand Marais	49.27	61	P	P	15 06 22.2	-0.9
P17A	Butcher Ranch,	41.81	83	eP	P	15 05 25.4	+1.0	D31A	McClellin, Tow	45.42	66	P	P	15 05 52.1	-1.1	K35A	Storm Lake	49.35	69	P	P	15 06 22.7	-1.1
PFO	Pinyon Flat Ob	41.85	94	iP	P	15 05 25.9	+1.1	KSRS	Kcora Array	45.56	278	P	P	15 05 54.1	-0.3	R31A	Burdett	49.48	76	P	P	15 06 24.2	-0.6
BELC	Belle Mtn. Jos	41.89	93	P	P	15 05 24.9	-0.2	comp=Z,1.8nm,0.9s,baz=79,slow=6.3,SNR=3.4						15 07 32.8	+0.3	O33A	Hebron	49.55	73	P	P	15 06 24.4	-1.0
109C	Camp Elliot, M	41.92	95	P	P	15 05 25.4	+0.2	I29A	Vivian Onida	45.59	71	P	P	15 05 54.4	-0.2	U29A	Oasis Ranch, S	49.56	79	P	P	15 06 24.8	-0.8
A26A	Wade Farm, Ken	41.98	66	P	P	15 05 25.3	-0.2	E31A	Nome	45.59	66	P	P	15 05 53.5	-1.1	H37A	Dierke Farm, C	49.59	66	P	P	15 06 24.7	-0.9
P18A	Preston Nutter	42.03	82	eP	P	15 05 27.4	+1.0	KSAR	Wonju Array Be	45.59	278	P	P	15 05 54.1	-0.6	Q32A	Metter Ranch,	49.63	75	P	P	15 06 25.2	-0.8
B26A	Jensen Ranch,	42.13	66	P	P	15 05 26.3	-0.5	KSAR	Wonju Array Be	45.59	278	P	P	15 05 54.0	-0.6	I37A	Lemond, Waseca	49.64	67	P	P	15 06 24.9	-1.1
SRU	San Rafael	42.16	83	eP	P	15 05 28.5	+1.2	Q24A	Divide	45.59	79	P	P	15 05 54.8	-0.3	K36A	Gilmore City	49.66	69	P	P	15 06 26.3	-1.3
SRU	comp=Z,11nm,1.0s							G30A	Faulkton	45.65	69	P	P	15 05 54.5	-0.5	U30A	WK&E Inc. Balk	49.90	79	P	P	15 06 27.6	-0.6
SRU	San Rafael	42.16	83	eP	P	15 05 28.5	+1.2	A33A	Warroad	45.73	62	P	P	15 05 54.9	-0.7	S31A	Mullinville	49.92	77	P	P	15 06 27.9	-0.4
IRM	Iron Mountain	42.32	92	P	P	15 05 28.8	+0.3	F31A	Hecla	45.76	67	P	P	15 05 55.2	-0.8	J37A	Redenius Farm,	49.98	68	P	P	15 06 27.3	-1.2
BAR	Barrett	42.33	95	eP	P	15 05 29.5	+0.9	AGMN	Agassiz Nation	45.80	63	P	P	15 05 55.5	-0.8	O34A	Beatrice	50.02	73	P	P	15 06 27.7	-1.2
MONP	Monument Peak	42.35	94	P	P	15 05 29.6	+0.7	AGMN	Agassiz Nation	45.80	63	eP	P	15 05 55.6	-0.6	Q33A	Connelly Farm,	50.07	75	P	P	15 06 28.4	-0.9
BC3	Big Chuckawall	42.45	93	P	P	15 05 29.6	-0.1	J29A	Okor	45.92	71	P	P	15 05 56.8	-0.4	MNTX	Cornudas Mount	50.10	87	P	P	15 06 29.5	-0.2
C26A	Wahner Farm, P	42.48	67	P	P	15 05 29.4	-0.3	B33A	Robert and Kas	45.97	63	P	P	15 05 56.7	-0.9	MNTX	Cornudas Mount	50.10	87	P	P	15 06 27.8	-1.8
K22A	Casper	42.60	76	P	P	15 05 30.5	-0.3	SDCO	Great Sand Dun	46.12	81	P	P	15 05 59.0	-0.2	T31A	Randall Ranch,	50.13	78	P	P	15 06 29.5	-0.4
K22A	Casper	42.60	76	eP	P	15 05 30.7	-0.2	SDCO	Great Sand Dun	46.12	81	eP	P	15 05 58.3	-0.9	MSTX	Mulshoe	50.23	83	P	P	15 06 30.2	-0.6
F25A	Bowman	42.67	70	P	P	15 05 31.5	+0.2	G31A	Conde	46.14	68	P	P	15 05 58.4	-0.5	MSTX	Mulshoe	50.23	83	eP	P	15 06 30.7	-0.1
B27A	Peters Farms,	42.67	66	P	P	15 05 31.2	0.0	SUSD	South Dakota S	46.15	69	P	P	15 05 58.4	-0.6	N35A	Tabor	50.23	71	P	P	15 06 29.4	-1.1
D26A	Manning	42.70	68	P	P	15 05 30.9	-0.5	C33A	Trail	46.15	64	P	P	15 05 58.2	-0.7	I38A	Scanlan Farm,	50.25	66	P	P	15 06 29.7	-0.9
SW6C	Sam W. Stewart	42.71	94	P	P	15 05 31.9	+0.3	I30A	Oacoma	46.17	70	P	P	15 05 58.4	-0.7	AMTX	Amarillo	50.32	81	P	P	15 06 31.4	+0.1
BOD	Bodaibo	42.81	310	eP	P	15 05 30.4	-1.7	TUC	Tucson	46.28	91	eP	P	15 06 00.9	+0.6	AMTX	Amarillo	50.32	81	eP	P	15 06 31.5	+0.1
BOD	comp=Z,8.0nm,1.5s							TUC	comp=Z,7.0nm,1.1s					15 06 00.8	+0.6	P34A	Walnut Farm, R	50.34	73	P	P	15 06 30.4	-0.9
PDMCI	Parker Dam,Lak	42.86	91	P	P	15 05 32.9	+0.1	TUC	Tucson	46.28	91	eP	P	15 06 00.8	+0.6	M36A	Felix Anita, R	50.37	70	P	P	15 06 30.8	-0.8
E26A	Carlson Angus	42.97	69	P	P	15 05 33.5	-0.2	B34A	Aery, Baudette	46.38	62	P	P	15 05 59.9	-0.9	L37A	Phoenix Point,	50.58	69	P	P	15 06 32.2	-0.9
O20A	White River Ci	42.98	80	P	P	15 05 33.7	-0.2	H31A	Wolsey	46.41	69	P	P	15 06 00.4	-0.6	J38A	Wedel Dairy, R	50.60	67	P	P	15 06 32.1	-1.1
Y12C	Blythe	42.98	92	P	P	15 05 34.4	+0.6	D33A	AnnSam, Waubun	46.45	65	P	P	15 06 00.0	-1.2	Q34A	Chapman	50.66	74	P	P	15 06 33.4	-0.4
A28A	Rude Farm, Bot	42.99	65	P	P	15 05 33.7	0.0	J30A	Dallas	46.47	71	P	P	15 06 00.8	-0.7	P35A	Duane Minner,	50.83	73	P	P	15 06 34.0	-1.1
G25A	Newell	43.08	71	P	P	15 05 34.2	-0.4	G32A	Webster	46.54	68	P	P	15 06 00.9	-1.2	R34A	Isabella, Hill	50.86	75	P	P	15 06 34.3	-1.0
B28A	Dugan Ranch, T	43.17	65	P	P	15 05 35.2	0.0	C34A	RKJ Ranch, Bem	46.69	64	P	P	15 06 02.1	-1.1	U32A	Winter Ranch,	51.01	78	P	P	15 06 35.7	-0.8
D27A	Center	43.19	68	P	P	15 05 35.1	-0.3	E33A	Westby DABS, E	46.71	65	P	P	15 06 02.4	-1.0	L38A	Oak Wood Farm,	51.03	68	P	P	15 06 35.4	-1.2
GLA	Glamis	43.24	93	P	P	15 05 36.4	+0.3	K30A	Basset	46.77	72	P	P	15 06 03.7	-0.2	TLY	Talaya	51.10	307	LR	LR	15 31 35.6	
H25A	Fruitdale	43.28	72	P	P	15 05 35.5	-0.7	D34A	Park Rapids	46.84	64	P	P	15 06 03.7	-0.7	TLY	comp=Z,25nm,18.2s,baz=36,slow=40			15 06 37.8	+0.8		
RSSD	Black Hills	43.30	73	eP	P	15 05 35.6	-0.9	F33A	5 Mile Ranch,	46.91	66	P	P	15 06 03.8	-1.2	TLY	Talaya	51.10	307	eP	P	15 06 37.8	+0.8
RSSD	comp=Z,5.0nm,0.7s							J31A	Geddes	46.93	71	P	P	15 06 04.5	-0.7	TLY	comp=Z,14nm,0.9s						
RSSD	Black Hills	43.30	73	eP	P	15 05 35.5	-0.9	B35A	Bob, Littlefor	46.97	62	P	P	15 06 04.4	-0.9	TLY	Talaya	51.10	307	eP	P	15 06 37.4	+0.4
CN2	Changchun	43.37	287	eP	PMZ	15 05 35.8	-1.0	O28A	Kruinger Ran	46.97	76	P	P	15 06 05.0	-0.6	N37A	Lee Faris, Mou	51.15	71	P	P	15 06 36.5	-1.0
CN2	comp=Z,10.0nm,0.7s							H32A	Carlson Farm,	47.01	68	P	P	15 06 04.7	-1.0	BJI	Beijing	51.16	288	P	PMZ	15 06 36.3	-1.2
E27A	Carson	43.52	68	P	P	15 05 38.2	+0.1	T25A	Trinidad	47.18	81	P	P	15 06 07.8	+0.4	BJI	comp=Z,11nm,1.4s						
C28A	Hausauer Farms	43.53	66	P	P	15 05 37.9	-0.2	C35A	Jirik Farms, M	47.19	63	P	P	15 06 06.1	-1.0	W31A	Holland Ranch,	51.20	80	P	P	15 06 37.6	-0.4
I25A	Rochford	43.53	73	P	P	15 05 37.8	-0.6	G33A	Ortonville	47.19	67	P	P	15 06 06.2	-0.9	Q35A	Mercer Eighty,	51.24	74	P	P	15 06 38.0	-0.2
F27A	Lenmon	43.55	69	P	P	15 05 38.3	0.0	ANMO	Albuquerque	47.29	85	eP	P	15 06 08.7	+0.5	P36A	Good Intent, A	51.27	72	P	P	15 06 37.0	-1.3
A29A	Manning Farm,	43.57	64	P	P	15 05 38.2	-0.2	ANMO	Albuquerque	47.29	85	eP	P	15 06 08.7	+0.5	M38A	Plexantville	51.34	69	P	P	15 06 37.8	-1.0
PV04	Paradox Valley	43.60	83	eP	P	15 05 39.3	+0.3	H33A	Prehn Over Nor	47.31	68	P	P	15 06 06.9	-1.2	V32A	Arapahoe	51.41	79	P	P	15 06 39.1	-0.4
D28A	Regan	43.70	67	P	P	15 05 39.5	+0.1	P28A	Saint Francis	47.32	76	P	P	15 06 08.3	0.0	R35A	Emporia Municipi	51.48	74	P	P	15 06 39.1	-0.9
B29A	Wagenman Farm,	43.74	65	P	P	15 05 39.4	-0.4	D35A	Remer	47.49	64	P	P	15 06 08.6	-0.9	X31A	McDonald Ranch	51.54	80	P	P	15 06 40.2	-0.3
HIA	Hailar	43.81	297	dIP	P	15 05 39.6	-0.7	F34A	Alexandria	47.53	66	P	P	15 06 08.8	-0.9	ULN	Ulaanbaatar	51.59	301	eP	P	15 06 40.6	-0.2
HIA	comp=Z,20nm,1.0s							O29A	4D Ranch, Culb	47.57	75	P	P	15 06 10.0	-0.2	ULN	Ulaanbaatar	51.59	301	eP	P	15 06 40.0	-0.9
WUAZ	Wupatki	43.83	88	P	P	15 05 40.9	+0.1	Q28A	Sharon Springs	47.58	77	P	P	15 06 09.4	-0.9	W32A	Sentinel	51.67	79	P	P	15 06 41.4	-0.1
WUAZ	Wupatki	43.83	88	eP	P	15 05 41.5	+0.7	E35A	Peequot Lakes	47.59	65	P	P	15 06 09.6	-0.6	N38A	Joos South For	51.71	70	P	P	15 06 41.0	-0.6
J25A	Sunshine Ranch	43.84	73	P	P	15 05 40.3	-0.5	K32A	Verdigre	47.76	71	P	P	15 06 11.2	-0.4	Z30A	Sanderson Ranc	51.71	82	P	P	15 06 41.1	-0.8
G27A	Dupree	43.87	70	P	P	15 05 40.4	-0.5	C36A	Pine Crest Far	47.80	62	P	P	15 06 10.9	-0.9	T34A	McClaskey Farm	51.71	76	P	P	15 06 41.0	-0.7
MDND	Maddock	43.91	66	P	P	15 05 41.0	-0.2	P29A	Atwood	47.80	76	P	P	15 06 12.0	-0.1	P37A	Lathrop	51.80	72	P	P	15 06 41.1	-1.2
E28A	Huff	43.95	68	P	P	15 05 41.1	-0.4	H34A	Spellman Lake,	47.88	67	P	P	15 06 11.8	-0.6	S35A	Otter Creek Ra	51.82	75	P	P	15 06 41.5	-1.0
N23A	Red Feather La	43.96	78	P	P	15 05 41.8	-0.2	F35A	Swanville	47.89	65	P	P	15 06 11.2	-1.3	U34A	Anderson Ranch	51.88	77	P	P	15 06 42.7	-0.3
PV01	Paradox Valley	43.97	83	eP	P	15 05 41.6	-0.4	ECSD	EROS Data Cent	47.93	69	P	P	15 06 11.6	-1.4	R36A	Gordon, Harris	51.91	74	P	P	15 06 41.9	-1.3
I26A	New Underwood	44.05	72	P	P	15 05 41.5	-1.0	ECSD	EROS Data Cent	47.93	69	eP	P	15 06 11.5	-1.4	S0NM	Songino Array	51.96	302	P	P	15 06 43.6	0.0
A30A	Hoffart Farm,	44.09	64	P	P	15 05 41.6	-1.0	D36A	Goodland	47.94	63	P	P	15 06 11.9	-1.0	S0NM	comp=Z,4.0nm,0.8s,baz=50,slow=6.8,SNR=22			15 07 55.2	-0.4		
H27A	Howes	44.19	71	P	P	15 05 42.4	-1.1	121A	Cookes Peak, D	48.03	88	P	P	15 06 14.1	+0.1	S0NM	comp=Z,2.5nm,0.9s,baz=69,slow=2.9,SNR=5.3			15 30 53.4			
F28A	McLaughlin	44.28	69	P	P	15 05 43.9	-0.3	R28A	Tribune	48.04	78												

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Fenwick Farm, Willow Grove F, Cheneyville 18, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like GTA, sP, sS, SS, PMZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like WORD, DZM, TBI, TAPN, CMAR, etc.

Table with columns: TOR, MAW, BOS, etc. and values for various parameters like 115.57, 10, PKP, etc.

IDC 16:14:58:57.3:13.0, 6.365x128.77E, h170km, 146km, mb3.1/1, mb1 2.9/4, mb1mx2.8/25, mbtimp3.4/4, ML3.3/3, Error ellipse: s-maj=100.0km s-min=53.0km az=38.0, Banda Sea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. for stations like Sorong, Fitzroy Crossi, etc.

IDC 16:15:14:33.0:1.1, 4.79N-125.38E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/58, mbtimp3.7/5, Error ellipse: s-maj=71.4km s-min=22.0km az=76.0, Talaud Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. for stations like Fitzroy Crossi, Warramunga Arr, etc.

IDC 16:15:17:39.2:0.5, 10.33N-125.99E, h0km, mb4.2/23, mb1 4.2/23, mb1mx4.1/58, mbtimp4.2/23, MS3.4/8, MS1 3.4/8, ms1mx3.1/52, Error ellipse: s-maj=31.1km s-min=11.3km az=75.0

MAN 16:15:17:41.1, 10.54N, 126.58E, h23km, mb5.3, ML4.2, MS4.5, NEIC 16:15:17:44.2:0.5, 10.67N, 126.63E, mb4.5/13, Error ellipse: s-maj=15.0km s-min=7.7km az=82.0

DJA 16:15:17:46.7:1.3, 12.1N, 126.12E, h10km, M4.7/6, mb4.7/6, mb5.2/1, Ml(mb)4.6/1

BUI 16:15:17:49.5, 10.51N, 126.27E, h96km, mb4.5/29, mb5.0/19, AUST 16:15:18:33.1:5.3, 7.13N, 124.25E, h255km, Error ellipse: s-maj=5.0km s-min=1.8km az=31.0

IDC 16:15:17:44.5:0.8, 10.56N, 126.35E, h0km, mb3.3/3, n117, 0154/116, mb4.3/41, MS3.4/6, 5C-3D, Philippine Islands region

Large table listing station names and their coordinates for the Philippine Islands region, including SCPH, BESP, PLP, etc.

Large table listing station names and their coordinates for the 2010 DEC period, including CD2, WRA, LZH, etc.

Table listing station names and their coordinates for the 16d 15h period, including AKASG, KMBO, YKA, etc.

IDC 16:15:22:48.9:3.9, 4.014S, 176.86E, h64km, 26km, mb3.5/3, mb1 3.7/4, mb1mx3.5/36, mbtimp3.8/4, ML2.8/1, Error ellipse: s-maj=66.7km s-min=20.1km az=112.0

ISCJB 16:15:22:51.3:0.3, 39.88S, 176.17E, 0.04, h53km, 4km, mb3.9/5, Error ellipse: s-maj=4.9km s-min=3.2km az=21.5, WEL 16:15:22:52.7:0.1, 39.87S, 176.16E, h40km, 2km, ML3.5/16, Error ellipse: s-maj=0.9km s-min=0.5km az=90.0

WEL Felt in the Manawatu region, maximum reported intensity MM 4.4

ISC 16:15:22:50.8:0.9, 39.88S, 176.15E, 0.03, h49km, 6km, n89, 0140/91, mb3.7/3, 19C-9D, North Island

Large table listing station names and their coordinates for the 16d 15h period, including PNHZ, TSZ, WPHZ, etc.

NEIC 16 15:30:23.1, 59.34N, 135.20W, h1km, ML2.6(OTT), After OTT.

PGC 16 15:30:23.1, 0.59, 34N, 135.20W, h1km, ML2.6, 9, 25km northeast of Haines, AK Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SKAG, PLBC, WHY, HHT, YUK7, etc.

IDC 16 15:30:45.9, 1.8, 17.71S, 177.82W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/36, mbtmp3.8/4, Error ellipse: s-maj=163.2km s-min=30.2km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like STKA, WRA, ASAR, TXAR.

IDC 16 15:37:19.2, 1.2, 44.28N, 151.79E, h0km, mb4.0/14, mb1 4.1/19, mb1mx4.0/52, mbtmp4.0/19, ML3.6/5, Error ellipse: s-maj=30.7km s-min=15.8km az=165.0

ISCJB 16 15:37:21.3, 0.5, 44.08N, 151.43E, h0.05, h24km, mb4.2/25, MS3.4/1, Error ellipse: s-maj=9.3km s-min=3.5km az=155.5

JMA 16 15:37:22.6, 0.5, 44.54N, 151.53E, h30km, M4.5

SKHL 16 15:37:23.9, 0.6, 44.23N, 151.53E, h45km, 5km, mb4.7/3

NEIC 16 15:37:24.7, 0.8, 44.34N, 151.61E, h33km, mb4.7/12, Error ellipse: s-maj=19.0km s-min=7.6km az=151.0

MOS 16 15:37:24.4, 1.6, 44.48N, 151.38E, h30km, mb4.6/25, M1.9, Error ellipse: s-maj=9.2km s-min=7.5km az=133.5

BJJ 16 15:37:28.6, 4.5, 06N, 151.30E, h49km, mb4.6/5, MB4.9/15, Ms4.9/7, Ms7.4/4

ISC 16 15:37:22.6, 0.6, 44.10N, 151.48E, 0.05, h24km, m151, s=158/144, mb4.4/27, 9C-2D, East of Kuril Islands

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

Main table with columns: YUK, comp=E, 190nm, 0.7s, A, A, 15 39 12.5, etc. Lists various stations and their parameters.

Table with columns: LZH, Lanzhou, 36.88 274 eP, P, 15 44 31.4 +2.1, etc. Lists stations like LZH, ILAR, CD2, etc.

ISCJB 16 15:43:39.4, 1.1, 5.72S, 0.08, 146.6E, 0.2, h78km, mb3.5/5, Error ellipse: s-maj=25.5km s-min=10.1km az=167.9

IDC 16 15:43:42.5, 4.3, 5.84S, 146.78E, h100km, 48km, mb3.3/5, mb1 3.5/7, mb1mx3.3/34, mbtmp3.6/7, MS2.7/1, Ms1 2.7/1, ms1mx2.3/17, Error ellipse: s-maj=40.5km s-min=26.6km az=135.0

ISC 16 15:43:40.4, 1.1, 5.75S, 0.10, 146.7E, 0.2, h78km, m9, s=158/110, mb3.6/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PMG, CTX, WRA, ASAR, etc.

SONM Sogino Array 64.05 331 P P 15 54 06.7 +0.5
 0.3nm, 0.6s, baz=122, slow=7.4, SNR=2.9
 ILAR Eielson Array 85.36 23 P P 15 56 08.6 -0.2
 0.5nm, 0.6s, baz=259, slow=4.6, SNR=13
 TORD Torodi Ar. Bea 1.76 76 PKPab 16 03 07.9 -0.5
 0.2nm, 0.4s, baz=96, slow=1.3, SNR=3.6

ISCJB 16 15:48:22.4-0.9, 17.7S:02:175.4W:0.2, h228km, mb3.7/6,
 Error ellipse: s-maj=35.1km s-min=9.2km az=138.1
 IDC 16 15:48:24.3-2.3, 17.786S:175.24W, h238km, mb3.5/6,
 mb1 3.6/8, mb1mx3.4/20, mbtmp4.1/8, Error ellipse:
 s-maj=36.5km s-min=21.0km az=126.0
 ISC 16 15:48:23.4-1.1, 17.73S:02:175.2W:0.2, h228km, n8,
 +134.9, mb3.7/6, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AFI	Afiatalu	5.09 41	P	15 49 41.4	+1.7
AFI	3.6nm, 0.3s, baz=193, slow=4.4, SNR=18				
ZFI	Mont Dzumac	17.76 253	P	15 52 15.7	+0.8
ZFI	0.2nm, 0.3s, baz=159, slow=1.3, SNR=3.8				
URZ	Urewera	21.47 197	P	15 52 53.7	-0.4
URZ	0.4nm, 0.4s, baz=93, slow=2.5, SNR=6.3				
STKA	Stephens Creek	41.35 242	P	15 55 47.2	-0.1
STKA	1.1nm, 0.4s, baz=90, slow=10, SNR=6.0				
WRA	Warramunga Arr	47.44 259	P	15 56 36.3	-0.8
WRA	1.2nm, 0.4s, baz=96, slow=5.5, SNR=3.9				
ASAR	Alice Springs	47.74 254	P	15 56 37.2	-0.7
ASAR	0.9nm, 0.7s, baz=91, slow=7.8, SNR=162				
FITZ	Fitroy Crossi	56.04 260	P	15 57 38.9	-0.2
FITZ	0.7nm, 0.4s, baz=94, slow=5.6, SNR=7.1				
ILAR	Eielson Array	85.12 12	P	16 00 33.9	+0.6
ILAR	0.2nm, 0.8s, baz=222, slow=1.3, SNR=5.0				

IDC 16 16:00:54.6-3.7, 5.25S:151.22E, h0km, mb3.0/2,
 mb1 3.3/3, mb1mx3.2/39, mbtmp3.2/3, ML1.2/1, Error
 ellipse: s-maj=164.9km s-min=43.8km az=121.0, New
 Britain region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PMG	Port Moresby	5.58 226	Pn	16 02 20.4	+1.5
PMG	0.5nm, 0.3s, baz=43, slow=18, SNR=3.9				
WRA	Warramunga Arr	21.79 227	P	16 05 48.0	-0.5
WRA	0.3nm, 0.5s, baz=53, slow=11, SNR=5.3				
ASAR	Alice Springs	24.57 221	P	16 06 16.1	-0.5
ASAR	0.4nm, 0.9s, baz=58, slow=5.8, SNR=7.4				
TORD	Torodi Ar. Bea	149.2 226	PKPbc	16 20 45.4	-0.4
TORD	0.3nm, 0.8s, baz=57, slow=2.5, SNR=3.1				

IDC 16 16:09:09.5-2.0, 8.03S:117.86E, h0km, mb3.4/2,
 mb1 3.7/5, mb1mx3.5/42, mbtmp3.6/5, ML3.3/3, Error
 ellipse: s-maj=45.4km s-min=23.2km az=71.0
 ISCJB 16 16:09:12.3-0.7, 8.05S:117.87E:0.07, h03km,
 mb3.5/2, Error ellipse: s-maj=12.1km s-min=7.3km
 az=40.9

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
TWSI	Taliwang, Sumb	1.16 236	P	16 09 34.1	+0.5
TWSI	1.1um, 0.7s, 20um, 5.9nm				
WBSI	Waikabubak, Su	2.16 136	P	16 09 49.2	+1.8
WBSI	1.22nm, 0.5s, 2um, 0.7nm				
KAPI	Kappang	3.59 32	Pn	16 10 06.7	-0.3
KAPI	4.3nm, 0.3s, baz=240, slow=20, SNR=1.1				
FITZ	Fitroy Crossi	12.50 144	Pn	16 12 10.3	+0.9
FITZ	0.0nm, 0.3s, baz=321, slow=13, SNR=2.7				
FITZ					
WRA	Warramunga Arr	19.84 126	P	16 13 42.2	+0.4
WRA	0.1nm, 0.3s, baz=308, slow=11, SNR=1.2				
ASAR	Alice Springs	21.83 137	P	16 14 04.0	+0.7
ASAR	1.1nm, 0.5s, baz=312, slow=9.6, SNR=23				
MKAR	Makanchi Array	63.14 333	P	16 19 38.7	+0.6
MKAR	0.3nm, 0.6s, baz=142, slow=7.3, SNR=2.9				

AUST 16 16:14:58.9, 18.96S:172.57W, h0km
 ISCJB 16 16:16:17.6-1.0, 19.4S:04:177.7W:0.2, h450km, mb3.6/6,
 Error ellipse: s-maj=53.4km s-min=15.3km az=152.5
 IDC 16 16:16:17.4-6.6, 19.37S:177.65W, h437km, 7.4km, mb3.3/6,
 mb1 3.6/7, mb1mx3.2/28, mbtmp4.1/7, Error ellipse:
 s-maj=98.6km s-min=28.5km az=156.0
 ISC 16 16:16:18.5-1.3, 19.2S:04:177.7W:0.3, h450km, n19,
 +069/117, mb3.6/6, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
DZM	Mont Dzumac	15.14 257	P	16 19 31.1	-0.2
DZM	0.2nm, 0.3s, baz=358, slow=7.2, SNR=5.1				
ARMA	Armidale	29.86 243	P	16 21 48.6	+0.8
ARMA	baz=34, SNR=6.2				
RMQ	Roma	31.68 251	P	16 21 58.6	-4.9
RMQ	baz=36, SNR=6.0				
CMSA	Cobar Meteorol	35.08 243	P	16 22 32.5	+0.1
CMSA	baz=40, SNR=6.2				
QLP	Quilpie	35.73 251	P	16 22 37.5	-0.3
QLP	baz=40, SNR=7.1				
MTSU	Mount Surprise	36.02 266	P	16 22 39.6	-0.9
MTSU	baz=41, SNR=5.2				
STKA	Stephens Creek	38.57 243	P	16 23 01.2	-0.1
STKA	1.7nm, 0.5s, baz=82, slow=10, SNR=7.3				
STKA	Stephens Creek	38.57 243	P	16 23 01.8	+0.4
STKA	baz=43, SNR=5.5				
BBOO	Bucklebo	43.34 243	P	16 23 39.3	-0.2
BBOO	baz=48, SNR=7.2				
WRA	Warramunga Arr	45.12 261	P	16 23 52.5	-1.0
WRA	1.6nm, 0.4s, baz=97, slow=7.1, SNR=4.5				
ASAR	Alice Springs	48.15 37	P	16 23 53.2	-0.4
ASAR	1.3nm, 0.3s, baz=92, slow=8.5, SNR=303				
WRKA	Warakuma	50.11 253	P	16 24 31.0	-0.2
WRKA	baz=55, SNR=8.9				
KNRA	Kununurra	51.10 265	P	16 24 38.3	-0.2
KNRA	baz=56, SNR=4.8				
FITZ	Fitroy Crossi	53.54 262	P	16 24 56.4	+0.3
FITZ	baz=58, SNR=8.3				
SOEI	Soe	56.85 271	P	16 25 21.0	+1.4
SOEI	baz=62, SNR=3.9				
MEEK	Meekatharra	58.61 250	P	16 25 30.8	-0.5
MEEK	baz=63, SNR=3.6				
NVAR	Mina Array Bea	80.03 43	P	16 27 39.6	-0.8
NVAR	0.2nm, 0.4s, baz=210, slow=7.1, SNR=2.8				
TXAR	Lajlata Array	86.15 37	P	16 28 11.9	+0.4
TXAR	0.6nm, 0.8s, baz=206, slow=6.1, SNR=4.3				
CMAR	Chiang Mai Arr	90.13 289	P	16 28 30.9	+0.9
CMAR	0.5nm, 0.9s, baz=111, slow=4.9, SNR=3.6				

IDC 16 16:33:20.8-8.4, 1.54N:124.17E, h0km, mb3.6/3,
 mb1 3.8/3, mb1mx3.4/36, mbtmp3.6/3, Error ellipse:
 s-maj=203.8km s-min=130.1km az=64.0, Minahassa
 Peninsula, Sulawesi

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
WRA	Warramunga Arr	23.56 155	P	16 38 32.8	-0.4
WRA	1.7nm, 0.9s, baz=33, slow=10, SNR=9.0				
ASAR	Alice Springs	26.78 160	P	16 39 03.2	+0.5
ASAR	0.3nm, 0.3s, baz=342, slow=7.1, SNR=4.4				
STKA	Stephens Creek	37.11 155	P	16 40 33.0	-0.3
STKA	1.5nm, 0.7s, baz=336, slow=10.0, SNR=2.9				

GMCT 16 17:07:44.0-0.5, 6.85N:82.40W, h27km, 1km, MW4.8/71,
 Moment Tensor Solution. s23,c24; s71,c89; Duration:
 0 Moment tensor: Scale 10¹⁰Nm; Mr0,19t,13;
 Mw0,57t,11; Mw0,0.75t,14; Mw0,0.33t,17; Mw0,1.92t,09;
 Mw0,0.02t,20; Best double couple: Mw2.060000, 1016
 NP1=100.000000, s87.000000, s9.000000, NP2:
 0.9, 0.000000, s81.000000, s177.000000. Principal axes: T
 1.9810, Plg9.0000, Azm325.0000; N 0.1580,

Plg8.0000, Azm118.0000; P -2.1380, Plg4.0000;
 Azm234.0000; ns1a refers to body waves, cutoff=40s.
 ns2a refers to surface waves, cutoff=50s.

CASC 16 17:07:33.7-3.2, 6.88N:82.37W, h36km, 999km, MD4.4,
 1C-2D, South of Panama

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BRU	Baru	1.92 354	Op	17 08 02.4	-2.2
BRU					
BRU2	Volcan	1.93 350	iP	17 08 07.7	-0.2
BRU2					
CTCR	Cotoan	2.04 349	eP	17 08 26.8	-0.6
CTCR					
CTCJ					
AZU	Azuero	2.26 66	iP	17 08 05.5	+1.1
AZU					
PNME	Penonome	2.58 52	eP	17 08 13.8	+0.9
PNME					
BUS	Buena Vista	2.99 333	eP	17 08 19.4	+0.1
BUS					
QCR	Quepos	3.09 325	iP	17 08 19.8	-0.3
QCR					
ZANG	Zanquenga, Cho	3.22 93	eP	17 08 23.2	+1.4
ZANG					
BCIP	Isla Barro Col	3.38 48	eP	17 08 25.2	+1.2
BCIP					
UPIG		3.50 53	eP	17 08 26.7	+1.1
UPIG					
UPIG					

DJA 16 17:16:43.8-0.8, 9.9S:4.111E, h20km, 7km, M3.5/10,
 ML3.5/10, South of Jawa

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PCJ1	Pacitan	0.91 349	Op	17 16 59.3	-1.5
PCJ1					
PCJ2	Pagerwojo	1.15 23	P	17 17 11.5	-1.0
PCJ2					
PWJ1					
PWJ1					
WOJ1	Wonogiri, Jawa	1.31 341	P	17 17 05.8	-1.2
WOJ1					
UGM	Wanagama	1.43 325	P	17 17 07.8	-0.9
UGM					
UGM					
NGWI	Ngawi	1.71 4	P	17 17 26.5	-0.4
NGWI					
SMRI	Semarang	2.22 336	P	17 17 20.2	+0.7
SMRI					
JAGI	Jajag, Banyuw	2.84 78	P	17 17 27.5	-0.5
JAGI					
JAGI					

ISCJB 16 17:39:59.6-0.5, 30.58N:0.05-51.45E:0.06, h10km,
 mb3.4/0, Error ellipse: s-maj=8.1km s-min=5.9km
 az=149.0

IDC 16 17:40:00.4-2.4, 30.65N:51.31E, h0km, mb3.4/7,
 mb1 3.6/9, mb1mx3.4/50, mbtmp3.6/9, ML3.8/2, Error
 ellipse: s-maj=59.5km s-min=23.2km az=155.0
 TEH 16 17:40:01.3, 30.56N:51.51E, h8km, ML3.6
 IDN 16 17:40:01.1-0.3, 30.58N:51.56E, h10km, ML3.6, Error
 ellipse: s-maj=12.5km s-min=7.1km az=70.0
 THR 16 17:40:02.2-0.9, 30.59N:51.56E, h37km, 16km, ML3.6
 ISN 16 17:40:03.9-1.3, 30.11N:49.54E, h0km, 7km
 ISC 16 17:40:00.9-0.7, 30.54N:0.05-51.51E:0.05, h10km, n54,
 +0.974/17, mb3.5/6, 2C-6D, Northern and central Iran

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
IKAZ	Kazeroun	0.81 159	eP	17 40 16.4	-0.2
IKAZ					
IKAZ	comp=Z, 48um, 0.4s				
IKAZ	comp=N, 6um, 0.3s				
IKAZ	Kazeroun	0.81 159	eP	17 40 16.4	-0.2
IKAZ					
IRAM	Ramesheh	1.47 30	eP	17 40 23.5	-4.2
IRAM					
IRAM	comp=E, 9um, 0.2s				
IRAM	comp=N, 10um, 0.4s				
IRAM	Ramesheh	1.47 30	eP	17 40 23.5	-4.2
IRAM					
IRAM	Pars	1.50 117	eP	17 40	

Table with columns: SFI, Station Name, Az, AzZ, Phase ID, Time, Res, Sg, Sb. Includes stations like Santa Sofia, Rover x Verone, Malinsio, Fossombone, etc.

ISCJB 16 18:20:06.8-0.9, 37.76N-0.05-27.34E-0.07, h13km, Error ellipse: s-maj=9.8km s-min=8.0km az=149.2

ISK 16 18:20:06.3, 37.76N-27.37E, h13km, MD2.6 DDA 16 18:20:06.1, 37.72N-27.32E, h6km, MD2.8

CSEM 16 18:20:06.4-0.5, 37.76N-27.29E, h10km, MD2.6, Error ellipse: s-maj=13.0km s-min=6.6km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Sg, Sb. Includes stations like Tasoluk, Zey, Urmir, etc.

CSEM 16 18:23:07.4-0.3, 17.76N-40.24E, h2km, mb4.6/6, Ms4.5, Error ellipse: s-maj=13.9km s-min=10.7km az=4.0

ISCJB 16 18:23:07.3-0.4, 17.81N-0.06-40.18E-0.04, h10km, mb4.3/26, MS3.9/19, Error ellipse: s-maj=8.4km

SGS 16 18:23:07.9, 17.86N-40.03E, h31km NEIC 16 18:23:09.4, 0.5, 17.89N-40.08E, h10km, mb4.6/6, Error ellipse: s-maj=12.0km s-min=10.0km az=109.0

DSN 16 18:23:35.9-5.0, 21.26N-40.89E, h10km, mb4.5/5, Ms4.5/4, Error ellipse: s-maj=95.8km s-min=19.3km az=15.0

ISC 16 18:23:08.9-0.5, 17.86N-0.06-40.24E-0.06, h10km, n89, a174/72, mb4.4/25, MS3.8/19, 1C-2D, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Sg, Sb. Includes stations like Farasan al Kab, An Nimas, Al Lith, etc.

Main table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, Sg, Sb. Includes stations like Banah, KMBO, MBAR, MBAR, BRTR, etc.

BUI 16 18:25:55.9, 6.97Sx150.11E, h35km, mb4.8/48, mb5.1/38, Ms4.9/32, Ms7.4/53A IDC 16 18:26:03.2-2.2, 6.29S:149.38E, h32km, mb4.5/18, mb1.4/722, mb1mx4.5/35, mbtmp4.7/22, ML4.0/4, MS4.2/28, Ms1.4/228, ms1mx4.1/36, Error ellipse: s-maj=17.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Sg, Sb. Includes stations like Rabaul, Port Moresby, Manu Island, etc.

16d 19h

Z32A	Haskell	62.25 300	P	P	19 46 24.0 -0.9
V38A	Caney Hill	62.26 335	P	P	19 46 24.0 -0.9
W36A	Wetumka	62.36 334	P	P	19 46 24.5 -1.0
130A	Snyder	62.38 328	P	P	19 46 25.0 -0.8
V33A	Hilltop Ranch,	62.44 331	P	P	19 46 25.4 -0.7
V37A	Hulbert	62.56 335	P	P	19 46 26.3 -0.6
Z31A	Sharp Cattle R	62.58 329	P	P	19 46 26.4 -0.6
X34A	Smith Ranch, M	62.59 332	P	P	19 46 26.5 -0.6
W35A	Tecumseh	62.64 333	P	P	19 46 26.6 -0.8
V36A	Jenks	62.80 334	P	P	19 46 27.8 -0.6
Y32A	R-V Farms, Ver	62.81 330	P	P	19 46 28.0 -0.6
ACSO	Alum Creek Sta	62.83 347	eP	P	19 46 28.0 -0.6
U37A	Salina	63.01 335	P	P	19 46 29.3 -0.5
Z30A	Sanderson Ranch	63.02 329	P	P	19 46 29.1 -0.9
CCM	Cathedral Cave	63.07 339	eP	P	19 46 27.2 -3.0
CCM	Cathedral Cave	63.07 339	eP	P	19 46 27.2 -3.0
Z32A	Elmer	63.09 331	P	P	19 46 30.0 -0.4
WMOK	Wichita Mounta	63.12 331	eP	P	19 46 30.2 -0.5
WMOK	Wichita Mounta	63.12 331	eP	P	19 46 30.2 -0.5
WMOK	Wichita Mounta	63.12 331	eP	P	19 46 30.2 -0.5
Y31A	Rekieta Farm,	63.16 330	P	P	19 46 30.4 -0.5
W33A	Caddo, Fort Co	63.33 332	P	P	19 46 31.5 -0.5
Y30A	Stafford Cattl	63.39 329	P	P	19 46 31.7 -0.8
V34A	Guthrie	63.50 333	P	P	19 46 32.1 -0.9
T37A	Cheneyville 18	63.56 336	P	P	19 46 32.7 -0.7
X31A	McDonald Ranch	63.58 330	P	P	19 46 32.7 -0.9
U35A	Pawnee	63.63 334	P	P	19 46 33.3 -0.5
R40A	Maddies Statio	63.63 338	P	P	19 46 32.7 -1.1
W32A	Sentinel	63.65 331	P	P	19 46 33.4 -0.7
V33A	Lossen Ranch,	63.81 332	P	P	19 46 34.6 -0.6
X30A	Coker Ranch, T	63.85 330	P	P	19 46 34.6 -0.8
T36A	Boggs Farm, Ca	63.88 335	P	P	19 46 34.6 -0.9
R39A	Chumby, Stover	63.92 338	P	P	19 46 34.7 -1.1
SFIN	Scholer Farm	63.96 343	P	P	19 46 34.8 -1.2
SFIN	Scholer Farm	63.96 343	eP	P	19 46 34.8 -1.2
MNTX	Cornudas Mount	63.96 324	P	P	19 46 35.0 -1.3
MNTX	Cornudas Mount	63.96 324	eP	P	19 46 35.0 -1.3
MNTX	Sooner Cattle	64.01 334	eP	P	19 47 21.5 +2.6
T35A	Anderson Ranch	64.02 333	P	P	19 46 35.5 -0.9
U34A	Anderson Ranch	64.02 333	eP	P	19 46 36.4 -0.1
U34A	Anderson Ranch	64.02 333	eP	P	19 46 36.4 -0.1
W31A	Holland Ranch,	64.02 331	P	P	19 46 34.9 -1.6
V32A	Arapahoe	64.06 332	P	P	19 46 35.4 -1.4
S37A	Fort Scott	64.08 336	P	P	19 46 36.0 -0.8
R38A	Fenwick Farm,	64.11 337	P	P	19 46 36.0 -1.1
U33A	Lingo Farm, Me	64.26 333	P	P	19 46 36.8 -1.2
S36A	Lake Cedric, C	64.34 335	P	P	19 46 37.6 -0.9
T34A	McCleary Farm	64.37 334	P	P	19 46 38.3 -0.4
MSTX	Muleshoe	64.38 328	P	P	19 46 38.2 -0.8
MSTX	Muleshoe	64.38 328	eP	P	19 46 38.6 -0.4
V31A	Spring Creek L	64.46 331	P	P	19 46 38.7 -0.8
Q39A	Willow Grove F	64.55 338	P	P	19 46 38.9 -1.0
R37A	Teagarden Farm	64.57 336	P	P	19 46 39.1 -0.9
AMTX	Amarillo	64.59 329	P	P	19 46 39.3 -1.0
AMTX	Amarillo	64.59 329	eP	P	19 46 39.8 -0.5
S35A	Otter Creek Ra	64.59 335	P	P	19 46 39.2 -0.9
Q38A	Cookes Store, C	64.70 338	P	P	19 46 40.3 -0.5
HDIL	Hopedale	64.74 342	P	P	19 46 40.1 -0.9
R36A	Gordon, Harris	64.83 336	P	P	19 46 40.7 -1.0
T33A	Patterson Ranc	64.86 333	P	P	19 46 41.6 -0.3
P39A	Salisbury	64.87 339	P	P	19 46 41.3 -0.6
Q37A	Longview Farm,	64.92 337	P	P	19 46 41.8 -0.5
S34A	Willow Spring	64.92 334	P	P	19 46 41.8 -0.5
R35A	Emporia Municip	65.10 335	P	P	19 46 42.9 -0.5
T32A	Huddler Ranch,	65.23 333	P	P	19 46 43.8 -0.6
P38A	Dawn	65.26 338	P	P	19 46 43.8 -0.6
R34A	Isabella, Hill	65.49 335	P	P	19 46 45.4 -0.5
T31A	Randall Ranch,	65.49 332	P	P	19 46 45.5 -0.5
Q35A	Mercer Eighty,	65.50 336	P	P	19 46 45.2 -0.8
U29A	Oasis Ranch, S	65.67 330	P	P	19 46 46.8 -0.4
S32A	Newby Ranch, P	65.68 333	P	P	19 46 46.7 -0.5
Q38A	Galt	65.68 338	P	P	19 46 46.2 -0.8
R33A	Olander Ranch,	65.80 334	P	P	19 46 47.5 -0.4
S31A	Mullinville	65.84 332	P	P	19 46 47.5 -0.7
P36A	Good Intent, A	65.85 337	P	P	19 46 47.5 -0.7
121A	Cookes Peak, D	65.92 323	P	P	19 46 48.3 -0.7
121A	Cookes Peak, D	65.92 323	eP	P	19 46 49.8 +0.8
N39A	Derby Farms, D	66.03 339	P	P	19 46 48.4 -1.0
P35A	Duane Minner,	66.08 336	P	P	19 46 48.9 -0.8
R32A	Long Quarter,	66.19 334	P	P	19 46 49.9 -0.6
Q36A	Bolckow	66.22 337	P	P	19 46 49.9 -0.6
T29A	Hugoton	66.26 331	P	P	19 46 50.6 -0.4
S30A	Montezuma	66.29 332	P	P	19 46 50.9 -0.3
P34A	Walnut Farm, R	66.40 336	P	P	19 46 51.3 -0.5

2010 DEC

R31A	Burdett	66.43 333	P	P	19 46 51.5 -0.5
N37A	Lee Faris, Mou	66.50 338	P	P	19 46 51.7 -0.6
BNNM	Barren Site	66.51 325	eP	P	19 46 53.6 +0.7
S29A	Ulysses	66.56 331	P	P	19 46 52.7 -0.2
NVL	N'azarevskaya	66.60 159	ijP	P	19 46 52.6 0.0
NVL	NVL		S	P	19 55 25.6 -3.1
Q32A	Meitler Ranch,	66.61 334	P	P	19 46 52.8 -0.3
LPM	Los Pinos Moun	66.64 325	eP	P	19 46 54.3 +0.7
R30A	Dighton	66.74 332	eP	P	19 46 53.7 -0.3
M38A	Pleasantville	66.75 339	P	P	19 46 53.0 -0.8
S28A	Manter	66.89 331	P	P	19 46 54.4 -0.6
CBKS	Cedar Bluff	66.96 333	eP	P	19 46 56.1 +0.8
CBKS	Cedar Bluff	66.96 333	P	P	19 46 54.8 -0.5
CBKS	Cedar Bluff	66.96 333	eP	P	19 46 56.1 +0.8
Q31A	Ellis	66.97 333	P	P	19 46 55.3 -0.1
LAZ	Ladron	66.98 325	eP	P	19 46 56.8 +1.1
LIC	Lamto	66.98 73	ePKP2	P	19 46 55.8 -0.2
M37A	Trindle Farm,	67.02 339	P	P	19 46 55.4 -0.2
ANMO	Albuquerque	67.03 326	eP	P	19 46 56.7 +0.7
ANMO	Albuquerque	67.03 326	eP	P	19 47 46.4 +7.3
ANMO	Albuquerque	67.03 326	eP	P	19 46 56.7 +0.7
N35A	Tabor	67.10 337	eP	P	19 47 46.4 +7.3
TIC	Toumudi	67.18 73	ePKP2	P	19 46 55.6 -1.6
JFWS	Jewell Farm	67.19 342	eP	P	19 46 55.6 -1.1
JFWS	Jewell Farm	67.19 342	eP	P	19 46 55.5 -1.1
SCIA	State Center	67.19 339	eP	P	19 46 56.5 -0.2
R29A	Marienthal	67.24 332	P	P	19 46 57.1 0.0
Q30A	Quinter	67.30 333	P	P	19 46 57.3 -0.1
KIC	Kosan Boka	67.32 73	ePKP2	P	19 46 56.8 -1.2
L38A	Oak Wood Farm,	67.32 340	P	P	19 46 56.9 -0.6
M36A	Felix, Anita	67.33 338	P	P	19 46 56.9 -0.6
DBIC	Dimbokro	67.33 73	P	P	19 46 56.8 -1.3
DBIC	Dimbokro	67.33 73	P	P	19 46 56.8 -1.3
DBIC	Dimbokro	67.33 73	eP	P	19 46 57.3 -0.8
N34A	Lincoln	67.40 336	P	P	19 46 57.7 -0.3
P31A	Stockton	67.40 334	P	P	19 46 57.6 -0.5
R28A	Tribune	67.47 331	P	P	19 46 58.3 -0.3
TUC	Tucson	67.48 321	eP	P	19 46 59.1 +0.3
TUC	Tucson	67.48 321	eP	P	19 46 59.1 +0.3
Q29A	Oakley	67.55 332	P	P	19 46 58.8 -0.3
L37A	Phoenix Point,	67.56 339	P	P	19 46 58.3 -0.7
Q32A	Brockman Farm,	67.58 335	P	P	19 46 59.0 -0.2
T25A	Trinidad	67.71 329	P	P	19 47 00.8 +0.4
T25A	Trinidad	67.71 329	eP	P	19 47 01.1 +0.7
P30A	Selden	67.78 333	P	P	19 47 01.1 -0.4
L36A	Harm Buss Farm	67.85 338	P	P	19 47 00.6 -0.2
Q28A	Sharon Springs	68.07 332	P	P	19 47 02.0 -0.3
K37A	Belmond	68.10 339	P	P	19 47 01.6 -0.7
L35A	Blow Farm, R	68.17 338	P	P	19 47 02.4 -0.4
J38A	Wedel Dairy, R	68.23 341	P	P	19 47 01.9 -1.2
Q30A	MW Ranch, Wils	68.24 334	P	P	19 47 03.6 +0.3
K36A	Gilmore City	68.25 339	P	P	19 47 02.7 -0.6
N31A	Bailey Ranch,	68.33 335	P	P	19 47 03.9 0.0
L34A	Svendsen Farm,	68.34 337	P	P	19 47 03.3 -0.5
K30A	Kaye Shedlock	68.38 331	eP	P	19 47 03.6 -0.7
214A	Organ Pipe Nat	68.44 319	eP	P	19 47 05.5 +0.8
214A	Organ Pipe Nat	68.44 319	eP	P	19 47 05.8 +1.1
P28A	Saint Francis	68.45 332	P	P	19 47 05.4 +0.7
BGNE	Belgrade	68.52 336	P	P	19 47 04.9 0.0
BGNE	Belgrade	68.52 336	eP	P	19 47 04.7 -0.3
J37A	Redenius Farm,	68.56 340	P	P	19 47 04.5 -0.7
SDCO	Great Sand Dun	68.72 328	P	P	19 47 06.8 +0.1
SDCO	Great Sand Dun	68.72 328	eP	P	19 47 06.9 +0.3
SDCO	Great Sand Dun	68.72 328	eP	P	19 47 52.9 +3.0
I38A	Scanlan Farm,	68.84 341	eP	P	19 47 05.8 -1.0
L33A	Hoskins	68.84 337	P	P	19 47 06.7 -0.3
O28A	Krutsinger Ran	68.92 332	P	P	19 47 08.3 +0.7
W18A	Petrified Fore	68.92 324	P	P	19 47 08.4 +0.5
QSPA	South Pole Qui	68.97 180	eP	P	19 47 09.1 +1.3
N29A	Votaw Ranch, W	69.01 334	P	P	19 47 08.2 +0.1
I37A	Lemond, Waseca	69.14 340	P	P	19 47 08.4 -0.3
S22A	4UR Ranch, Cre	69.38 327	P	P	19 47 10.6 -0.1
S22A	4UR Ranch, Cre	69.38 327	eP	P	19 47 11.5 +0.7
L31A	Buttrifield Fa	69.44 336	P	P	19 47 10.5 -0.2
H37A	Dierke Farm, C	69.54 341	P	P	19 47 10.6 -0.3
Q24A	Divide	69.51 329	P	P	19 47 12.4 +0.8
Q24A	Divide	69.51 329	eP	P	19 47 12.3 +0.8
I35A	Creeksview Farm	69.52 339	P	P	19 47 10.3 -0.7
L30A	Spencer Herefo	69.59 335	P	P	19 47 11.2 -0.5
VLDO	Val d'Or	69.59 353	eP	P	19 47 11.4 +0.1
J33A	Davis	69.73 337	P	P	19 47 11.7 -0.6
M28A	Bar X Bar Ranc	69.80 333	P	P	19 47 12.9 0.0
H36A	Jessenland, He	69.82 340	P	P	19 47 12.9 0.0
MVCO	Mesa Verde	69.82 326	eP	P	19 47 13.7 +0.3
MVCO	Mesa Verde	69.82 326	eP	P	19 47 14.3 +0.9
ECSD	EROS Data Cent	69.97 338	P	P	19 47 12.7 -1.1

700

ECSD	EROS Data Cent	69.97 338	eP	P	19 47 13.2 -0.6
SPMN	St. Paul	70.05 341	P	P	19 47 13.7 -0.6
SPMN	St. Paul	70.05 341	eP	P	19 47 13.9 -0.4
WUAZ	Wupatki	70.13 323	P	P	19 47 16.0 +0.8
WUAZ	Wupatki	70.13 323	eP	P	19 47 16.5 +1.3
K30A	Idaho Springs	70.16 335	P	P	19 47 15.3 +0.2
H35A	Sunnyside Ranc	70.21 340	P	P	19 47 14.9 -0.3
I33A	Coleman	70.31 338	P	P	19 47 15.7 -0.1
G36A	St. Michael	70.35 341	P	P	19 47 15.4 -0.7
J31A	Geddes	70.36 336	P	P	19 47 16.3 +0.1
ISCO	Idaho Springs	70.39 330	eP	P	19 47 17.7 +0.8
ISCO	Idaho Springs	70.39 330	eP	P	19 47 17.5 +0.6
ISCO	Idaho Springs	70.39 330	eP	P	19 47 17.7 +0.8
GLA	Glamis	70.42 319	eP	P	19 47 18.2 +1.3
GLA	Glamis	70.42 319	eP	P	19 47 17.7 +0.9
GLA	Glamis	70.42 319	eP	P	19 47 18.2 +1.3
H34A	Spellman Lake,	70.50 339	P	P	19 47 16.0 -1.0
K29A	Lazy Trails An	70.51 335	P	P	19 47 17.3 0.0
SMCO	Snowmass	70.56 328	eP	P	19 47 19.1 +1.1
PV01	Paradox Valley				

F29A	Eureka	72.93 337 P	P	19 47 30.8 -0.7
I25A	Richford	72.95 333 P	P	19 47 32.3 +0.4
BFC5	Mount Baldy Ra	72.97 318 P	P	19 47 32.0 -0.1
SHPR	Sheep Range	72.99 321 eP	P	19 47 33.3 +1.0
D32A	Dogwood Acres,	73.08 339 P	P	19 47 32.4 0.0
GSC	Goldstone	73.15 320 eP	P	19 47 34.7 +1.5
GSC	Goldstone	73.15 320 ePP	P	19 48 23.1 +6.2
GSC	Goldstone	73.15 320 P	P	19 47 34.0 +0.8
GSC	Goldstone	73.15 320 eP	P	19 47 34.7 +1.5
GSC	Goldstone	73.15 320 ePP	P	19 48 23.1 +6.2
RSSD	Black Hills	73.16 333 eP	P	19 47 33.7 +0.6
RSSD	Black Hills	73.16 333 eP	P	19 47 33.7 +0.6
B35A	Jub., Littlefor	73.16 342 P	P	19 47 31.7 -1.0
E30A	Bob,	73.17 338 P	P	19 47 32.8 -0.2
C33A	Trail	73.23 340 P	P	19 47 32.9 -0.4
D31A	McClaffin, Tow	73.24 339 P	P	19 47 33.0 -0.2
F28A	McLaughlin	73.30 336 P	P	19 47 33.7 -0.1
G27A	Dupree	73.34 335 P	P	19 47 33.4 -0.6
H25A	Fruitdale	73.38 334 P	P	19 47 33.9 -0.4
B34A	Aery, Baudette	73.54 341 P	P	19 47 34.0 -1.0
MPU	Maple Canyon	73.55 326 eP	P	19 47 36.6 +1.1
EDW2	Edwards Air Fo	73.59 319 P	P	19 47 35.4 -0.3
B33A	Robert and Kas	73.63 341 P	P	19 47 35.2 -0.3
D30A	Buchanan	73.64 338 P	P	19 47 35.9 +0.2
NLU	North Lily Min	73.73 326 eP	P	19 47 38.0 +1.4
NLU	North Lily Min	73.73 326 ePP	P	19 48 25.9 +5.5
AGMN	Agassiz Nation	73.74 341 P	P	19 47 36.1 -0.1
AGMN	Agassiz Nation	73.74 341 eP	P	19 47 35.9 -0.2
G25A	Newell	73.78 334 P	P	19 47 36.8 +0.2
F27A	Lemmon	73.79 336 P	P	19 47 36.9 +0.3
LRMC	Laurel Mountai	73.80 319 P	P	19 47 37.9 +0.9
C31A	Landman Farms,	73.89 339 P	P	19 47 36.3 -0.7
TPNV	Topopah Spring	73.93 321 eP	P	19 47 39.5 +1.7
TPNV	Topopah Spring	73.93 321 P	P	19 47 39.8 +1.1
TPNV	Topopah Spring	73.93 321 eP	P	19 47 39.5 +1.7
FURC	Furnace Creek,	73.97 320 P	P	19 47 38.7 +1.0
F26A	Lodgepole	74.02 335 P	P	19 47 37.7 -0.3
B32A	Ashes, Strandq	74.03 340 P	P	19 47 37.3 -0.6
BSC	Santa Cruz Isl	74.05 317 P	P	19 47 39.3 +1.0
MPMC	Manual Prospec	74.07 320 P	P	19 47 39.7 +0.4
RCWM	Renegade Canyo	74.09 320 eP	P	19 47 40.0 +1.4
A33A	Warroad	74.16 341 P	P	19 47 38.2 -0.4
DUG	Dugway	74.30 326 eP	P	19 47 41.0 +1.2
DUG	Dugway	74.30 326 ePP	P	19 48 29.5 +5.8
DUG	Dugway	74.30 326 P	P	19 47 40.7 +0.9
DUG	Dugway	74.30 326 eP	P	19 47 41.0 +1.2
DUG	Dugway	74.30 326 ePP	P	19 48 29.5 +5.8
D25A	Regan	74.36 337 P	P	19 47 40.0 +0.2
F25A	Bowman	74.39 335 P	P	19 47 40.1 0.0
ISA	Isabella	74.41 319 eP	P	19 47 41.9 +1.5
ISA	Isabella	74.41 319 ePP	P	19 48 30.2 +5.8
ISA	Isabella	74.41 319 P	P	19 47 41.6 +1.2
ISA	Isabella	74.41 319 eP	P	19 47 41.9 +1.5
ISA	Isabella	74.41 319 ePP	P	19 48 30.2 +5.8
E26A	Carlson Angus	74.46 336 P	P	19 47 40.8 +0.4
A32A	Rooking H Ranc	74.48 341 P	P	19 47 40.7 +0.3
R11A	Troy Canyon, C	74.51 323 P	P	19 47 42.3 +1.2
R11A	Troy Canyon, C	74.51 323 eP	P	19 47 42.6 +1.5
BW06	Boulder Array	74.51 323 eP	P	19 47 41.1 -0.2
PDAR	Pinedale Array	74.57 329 P	P	19 47 41.6 +0.3
MDND	Maddock	74.57 338 P	P	19 47 41.7 +0.7
MDND	Maddock	74.57 338 eP	P	19 47 41.9 +0.9
GRAC	Grapevine Rang	74.63 321 P	P	19 47 41.5 -0.2
D27A	Center	74.64 337 P	P	19 47 40.9 -0.6
B30A	Myrvik Farm, E	74.66 339 P	P	19 47 41.5 0.0
CWC	Cottonwood Cre	74.68 320 P	P	19 47 43.0 +1.0
PKM	Peak Mountain	74.74 318 P	P	19 47 43.4 +0.9
E25A	Miller Ranch,	74.85 335 P	P	19 47 43.3 +0.6
VES	Vestfal, Richgr	74.90 319 P	P	19 47 44.2 +1.0
D26A	Manning	74.91 336 P	P	19 47 43.6 +0.5
BGU	Big Grassy Mou	74.94 326 eP	P	19 47 44.4 +0.9
B29A	Wagenman Farm,	75.02 339 P	P	19 47 44.2 +0.6
SMMC	Simmler	75.12 318 P	P	19 47 45.6 +1.1
AHD	Auburn Hatcher	75.31 328 eP	P	19 47 46.4 +0.7
D25A	Fairfield	75.35 336 P	P	19 47 46.2 +0.6
B28A	Dugan Ranch, T	75.35 338 P	P	19 47 45.6 +1.1
A29A	Manning Farm,	75.37 339 P	P	19 47 44.9 -0.6
HVU	Hansel Valley	75.43 327 eP	P	19 47 47.0 +0.7
HVU	Hansel Valley	75.43 327 eP	P	19 47 47.0 +0.7
C26A	Wahner Farm, P	75.45 337 P	P	19 47 46.2 +0.2
REDW	Red Top Meadow	75.46 329 eP	P	19 47 48.4 +0.9
LOHW	Long Hollow	75.71 329 eP	P	19 47 48.4 +0.5
SCHQ	Schefferville	75.74 0 eP	P	19 47 46.3 -1.2
SCHQ	Schefferville	75.74 0 eP	P	19 47 47.5 0.0
MOO	Moose Ponds	75.88 329 eP	P	19 47 49.6 +0.8
MLAC	Mammoth Lakes	75.92 320 P	P	19 47 50.6 +1.4
FXWY	Fox Creek	75.93 329 eP	P	19 47 50.0 +0.8
TORD	Torodi Ar. Sit	75.97 48 +1.3	P	19 47 48.1 -1.3
TORD	Torodi Ar. Bea	75.96 70 P	P	19 47 48.0 -1.6
ELK	Elko	75.99 325 eP	P	19 47 50.5 +0.9
ELK	Elko	75.99 325 eP	P	19 47 50.5 +0.9
FLWY	Flagg Ranch	76.11 329 eP	P	19 47 51.1 +1.4
NV01	Minna Array Sit	76.13 321 eP	P	19 47 50.9 +0.4
NVAR	Minna Array Bea	76.13 321 P	P	19 47 51.1 +0.7
NVAR	Minna Array Bea	76.13 321 ePP	P	19 48 36.6 +2.1
LAO	LASA Array	76.14 334 P	P	19 47 50.9 +0.8
LAO	LASA Array	76.14 334 eP	P	19 47 50.7 +0.7
B25A	Knox Farm, Ray	76.22 336 P	P	19 47 51.4 +1.0
RLMT	Red Lodge	76.23 331 P	P	19 47 51.3 +0.5
RLMT	Red Lodge	76.23 331 eP	P	19 47 51.7 +0.9
SYO	Syowa Base	76.28 159 eP	P	19 47 50.0 -0.5
SYO	Syowa Base	76.28 159 ePP	P	19 48 00.0 -1.2
SYO	Syowa Base	76.28 159 ePKPKP	P	19 50 30.6 -3.1
H17A	Grant Village	76.28 330 P	P	19 47 52.6 +1.4
H17A	Grant Village	76.28 330 eP	P	19 47 53.5 +2.3

A26A	Wade Farm, Ken	76.33 337 P	P	19 47 51.0 +0.1
YFT	Old Faithful	76.45 330 eP	P	19 47 54.5 +2.4
YNR	Norris Junctio	76.57 330 eP	P	19 47 55.0 +2.2
A25A	Svangstu Ranch	76.75 337 P	P	19 47 54.4 +1.0
GCMT	Greycliff	76.92 331 eP	P	19 47 55.3 +0.7
QLMT	Earthquake Lak	77.01 330 eP	P	19 47 56.5 +1.3
VNDA	Vandz	77.36 190 P	P	19 47 58.4 +1.9
SUR	Sutherland	77.53 120 eP	P	19 47 59.7 +1.2
HLID	Hailey	77.55 327 P	P	19 47 59.3 +1.2
HLID	Hailey	77.55 327 eP	P	19 47 59.7 +1.5
MCMT	McKenzie Canyo	77.69 329 eP	P	19 48 00.5 +1.5
BOZ	Bozeman (W)	77.72 330 eP	P	19 47 59.5 +0.5
BOZ	Bozeman (W)	77.72 330 P	P	19 47 59.3 +0.3
BLMT	Bozeman (W)	77.72 330 eP	P	19 47 59.5 +0.5
DZOT	Dillon	77.96 329 eP	P	19 48 01.3 +0.9
MFID	Camas Ranch	78.17 326 eP	P	19 48 02.8 +1.3
LRM	Limekiln Ridge	78.23 330 eP	P	19 48 02.5 +0.6
OCHM	Chamberlain Mo	78.60 320 eP	P	19 48 04.9 +1.1
EGMT	Eagleton	78.67 333 P	P	19 48 04.1 0.0
EGMT	Eagleton	78.67 333 eP	P	19 48 04.5 +0.3
ORV	Oroville	78.75 320 eP	P	19 48 05.7 +1.0
ORV	Oroville	78.75 320 eP	P	19 48 05.7 +1.0
NSHM	Saint Helena R	78.77 319 eP	P	19 48 06.2 +1.4
TSUM	Tsumeb	78.80 106 eP	P	19 48 06.1 +0.5
O03D	Paynes Creek	79.40 321 P	P	19 48 07.9 -0.3
CHMT	Chamberlain Mo	79.41 330 eP	P	19 48 09.0 +0.7
J08A	Circle Bar Ran	79.53 325 eP	P	19 48 10.3 +1.3
MOD	Modoc	79.57 323 eP	P	19 48 10.5 +1.3
MSO	Missoula	79.67 330 P	P	19 48 09.9 +0.3
M50	Missoula	79.67 330 eP	P	19 48 10.8 +1.3
SLMT	Seelye Lake	79.76 330 eP	P	19 48 10.7 +0.6
BMO	Blue Mountains	79.94 326 eP	P	19 48 11.9 +0.9
WDC	Whiskeytown Da	80.02 321 eP	P	19 48 11.0 -0.5
N02D	Trinity Center	80.36 321 P	P	19 48 13.8 +0.4
M04C	Macdoel	80.37 322 P	P	19 48 13.9 +0.4
PTEO	Sao Teotonio	80.39 44 eP	P	19 48 14.4 +0.9
K05A	Summer Lake	80.44 323 eP	P	19 48 15.4 +1.5
YBMT	Yellow Bay	80.46 330 eP	P	19 48 14.5 +0.7
LHEM	Herd Peak	80.49 322 P	P	19 48 14.7 +0.4
KMRM	Mail Ridge	80.50 320 eP	P	19 48 16.1 +2.0
JTMT	Jette	80.50 330 eP	P	19 48 15.0 +1.0
F10A	Beach Ranch, E	80.67 327 eP	P	19 48 15.8 +0.8
M02C	Galatian	80.71 321 P	P	19 48 15.6 +0.4
PBVD	Barranco-do-Ve	80.73 44 eP	P	19 48 16.3 +0.9
BSMT	Bassac Peak	80.81 330 eP	P	19 48 16.7 +1.0
YBH	Yreka Blue Hor	80.84 321 eP	P	19 48 15.5 -0.4
YBH	Yreka Blue Hor	80.84 321 eP	P	19 48 15.5 -0.4
PNCL	Nicolau / Gran	80.85 43 P	P	19 48 16.7 +0.8
PVAQ	Vaqueiros	80.96 44 eP	P	19 48 17.3 +0.8
G08A	Pilot Rock	81.09 326 eP	P	19 48 18.2 +1.0
FFC	Flin Flon	81.22 341 eP	P	19 48 17.3 -0.2
FFC	Flin Flon	81.22 341 eP	P	19 48 17.3 -0.2
WALA	Waterton Lakes	81.28 331 eP	P	19 48 18.6 +0.5
EVOA	Evora	81.43 43 eP	P	19 48 19.2 +0.2
J04D	Umpqua Nationa	81.46 323 P	P	19 48 19.5 +0.2
L2D2	Cave Junction,	81.63 321 P	P	19 48 20.3 +0.3
I05D	Terrebonne, OR	81.73 324 P	P	19 48 21.2 +0.7
PBAR	Barrancos	81.84 44 eP	P	19 48 21.4 +0.2
PESTR	Estremoz	81.89 43 eP	P	19 48 22.0 +0.6
I04A	Tendick Farm,	81.98 323 P	P	19 48 22.1 +0.3
PCAS	Candilio, Conde	82.01 42 P	P	19 48 22.4 +0.3
HAWA	Hanford	82.13 327 eP	P	19 48 23.6 +1.1
RSW	Rattlesnake Hi	82.16 327 P	P	19 48 24.0 +1.2
NEW	Newport	82.21 329 P	P	19 48 23.2 +0.3
D08A	Wollman Farm,	82.26 327 eP	P	19 48 24.1 +1.0
G05D	Wamic, OR	82.31 325 P	P	19 48 24.7 +1.2
BOSA	Bozaf	82.36 118 P	P	19 48 24.4 +0.1
VFP	Flag Point	82.44 325 P	P	19 48 25.5 +1.2
C09A	Chrisman Ranch	82.45 328 eP	P	19 48 24.9 +0.8
PCBR	Castelo Branco	82.53 42 eP	P	19 48 24.5 -0.2
PVRL	Vila Real	83.21 41 eP	P	19 48 28.1 -0.1
WTV	Waterville	83.22 327 P	P	19 48 28.8 +0.7
ETW	Entiat	83.34 327 P	P	19 48 29.6 +0.7
B08A	Colville Reser	83.35 328 eP	P	19 48 28.8 0.0
MVO	Moncorvo	83.57 41 eP	P	19 48 30.6 +0.5
NLW	Neilson Butte	83.66 327 P	P	19 48 30.8 +0.3
LBTB	Lobatse	83.88 114 eP	P	19 48 32.9 +0.7
EDM	Edmonton	84.10 334 eP	P	19 48 31.7 -0.8
EDM	Edmonton	84.10 334 eP	P	19 48 31.7 -0.8
PBRG	Branganca	84.11 41 eP	P	19 48 33.0 +0.2
MAW	Mawson	84.20 163 P	P	19 48 33.8 +1.0
MAW	Mawson	84.20 163 P	P	19 48 33.8 +1.0
MAW	Mawson	84.20 163 ePP	P	19 48 33.7 +0.9
MAW	Mawson	84.20 163 ePP	P	19 48 33.9 -0.2
PAB	San Pablo	84.35 44 eP	P	19 48 33.9 -0.2
PAB	San Pablo	84.35 44 eP	P	19 48 33.9 -0.2
JCW	Jim Creek	84.54 327 P	P	19 48 34.7 -0.1
ESDC	Seneca Array	84.67 44 eP	P	19 48 35.5 -0.1
ESDC	Seneca Array	84.67 44 ePP	P	19 49 20.6 -0.1
B05A	Bryant	84.76 327 P	P	19 48 35.6 +0.3
CM19	SONSECA Array	84.73 44 eP	P	19 48 35.6 -0.3
ENW	Cutus Mountain	84.79 327 P	P	19 48 36.1 0.0
A04D	Lumli Island	85.28 327 P	P	19 48 39.0 +0.7
YKA	Yellowknife Ar	91.39 340 P	P	19 49 06.7 -0.3
YKA	Yellowknife Ar	91.39 340 ePP	P	19 49 52.8 +0.3
URZ	Urewhera	95.39 226 LR	P	20 23 17.2
SUMG	Summit	95.58 8 P	P	19 49 26.5 -0.1
SUMG	Summit	95.58 8 P	P	19 49 26.5 -0.1
SUMG	Summit	95.58 8 eP	P	19 49 26.8 +0.2
RAO	Raoul Island	96.34 235 LR	LR	20 25 04.9
STHS	Stebnicka			

16d 20h

Table with columns: ULN, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Ulaanbaatar, Damant, Kakani, etc.

IDC 16 19:44:54.8, 2.1, 3.69S; 151.01E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/37, mbtmp3.4/3, Error ellipse: s-maj=154.5km s-min=27.8km az=124.0, New Ireland region

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

WEL 16 19:52:48.0, 0.5, 36.19S; 179.48E, h5km, ML3.7/6, 2C, Error ellipse: s-maj=4.7km s-min=2.9km az=90.0, Off east coast of North Island

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

ISC/JB 16 19:55:14.0, 1.1, 12.0N; 0.2, 44.0E; 0.1, h4km, mb3.8/8, MS3.2/2, Error ellipse: s-maj=39.8km s-min=6.8km az=150.9

IDC 16 19:55:14.4, 1.7, 11.76N; 44.02E, h0km, mb3.7/7, mb1 3.7/7, mb1mx3.5/50, mbtmp3.7/7, MS3.3/2, Ms1 3.3/2, ms1mx2.9/34, Error ellipse: s-maj=61.0km s-min=15.2km az=159.0

ISC 16 19:55:15.6, 1.2, 12.0N; 0.3, 43.9E; 0.2, h4km, n11, o130/10, mb3.9/8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Arta Tunnel, Mount Meron Ar, etc.

DJA 16 20:03:17.3, 1.5, 11.1N; 14.1, 12.6E; 1.1, h15km, MS.1/6, mb4.9/16, mb5.3/11, MLV5.8/1, Mw(MB)4.8/11

MOS 16 20:03:20.4, 1.0, 10.39N; 126.18E, h33km, mb5.1/42, Error ellipse: s-maj=11.3km s-min=5.4km az=112.2

MAN 16 20:03:22.10, 50N; 126.40E, h35km, mb5.6, ML4.6, MS5.0

ISC/BJ 16 20:03:23.9, 0.4, 10.46N; 0.02, 126.24E; 0.03, h2km, 4km, mb4.8/108, Error ellipse: s-maj=5.4km s-min=3.1km az=158.2

NEIC 16 20:03:23.0, 3.2, 10.47N; 126.27E, mb4.9/48, Error ellipse: s-maj=6.2km s-min=4.1km az=83.0

ISC 16 20:03:23.7, 0.4, 10.48N; 0.03, 126.26E; 0.05, h45km, 3km, h44km; pP-P, n321, o1560/337, mb4.8/108, MS4.1/34, 12C-13D, Philippine Islands region

2010 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Surigao, Masin, Palo, Butuan, etc.

702

Table with columns: GYA, S, S, Time, Res, ISC. Lists stations like Ulaanbaatar, Damant, Kakani, etc.

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

NEIC 16 22:37:44.9, 35:39S: 178.91E, h221km, MG4.2(WEL), After WEL

WEL 16 22:37:44.9, 0.6, 35:39S: 178.91E, h221km, 7km, ML4.2/4, 1C-2D, Error ellipse: s-maj=8.0km s-min=8.0km az=90.0,

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

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

IDC 16 22:42:10.0, 1.2, 5:84S: 149:90E, h0km, mb3.9/6, mb1 4.2/7, mb1mx3.8/34, mbtmp4.0/7, ML2.9-1, MS3.0/2, Ms1 3.1/2, ms1mx2.7/24, Error ellipse: s-maj=33.0km s-min=23.4km az=131.0,

ISCJB 16 22:42:15.3, 0.7, 5:93S: 0:07, 149:76E: 0:09, h52km, mb4.7/12, MS3.0/1, Error ellipse: s-maj=13.5km s-min=9.2km az=22.2,

NEIC 16 22:42:16.8, 0.1, 9:44S: 149:80E, h50km, 17km, mb4.5/5, Error ellipse: s-maj=13.0km s-min=10.1km az=208.0,

ISC 16 22:42:17.0, 0.7, 5:95S: 0:08, 149:8E: 0:1, h52km, n21, o#63/24, mb4.4/12, New Britain region

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

ISCJB 16 22:45:14.2, 0.4, 2:1.04S: 0:03, 68:44W: 0:05, h133km, 3km, mb4.4/42, Error ellipse: s-maj=8.0km s-min=5.1km az=70.6,

BUI 16 22:45:14.9, 21:00S: 68:50W, h123km, mb5.1/6, IDC 16 22:45:15.3, 0.8, 2:1.02S: 68:32W, h118km, 7km, mb4.2/16, mb1 4.4/21, mb1mx4.2/33, mbtmp4.7/21, Error ellipse: s-maj=14.9km s-min=9.2km az=102.0,

GUC 16 22:45:15.5, 0.7, 21:08S: 68:80W, h149km, 6km, ML4.5, NEIC 16 22:45:15.4, 0.6, 2:09S: 68:37W, h124km, 5km, mb4.7/33, Error ellipse: s-maj=7.4km s-min=5.0km az=68.0,

ISC 16 22:45:14.8, 0.7, 2:1.06S: 0:04, 68:38W: 0:05, h120km, 6km, n95, +1935/110, mb4.5/43, 2C, Chile-Bolivia border region

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Malin Array Be, MDRV Moldovita, Divisara, BZVS Buzias, DRGR Kalvaria Pacla, KWP Banja Luka, BLY Banja Luka, PKSM Moragy, FINES FINES Array B, ABTA Abfattersbach, GERES GERES Array B, GERES Feichten, FETA ARCES Array B, ARCES ARCES Array B, SPITS Spitsbergen Ar, ESDC Sonseca Array.

WEL 17 00:12:36.6-0.4,36:14S~179:27E, h144km, 4km, ML3.9/7, 2C-3D, Error ellipse: s-maj=4.4km s-min=-4.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waikomatitani S, Pakihoroa, Te Kaha, Puketiti, Tawhareparea, Carnagh Stat, Te Karaka, Matawai, Urewera, Ohinepanea, Rimuhau, Paritu Road, Shannon Stat, Kaweka Forest, Waihua, Naumai, Aropanui, Black Stump Fm, McNeill Hill, Kaweka Forest, Kahurangi, Kheru, Black Hill Sta, Wahianoa, Pukemui, Porangahau, Birch Farm, Tintock, Mangatainoka R.

MEX 17 00:58:10.4-1.1, 15:41N, 94:81W, h16km, 24km, MD4.0, Near east of Oaxaca

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

IDC 17 01:08:23.6-2.1, 17:31S~168:44E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/29, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=64.6km s-min=31.5km az=132.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mont Dzumac, Warramunga Arr, ASAR Alice Springs, ILAR Gielson Array.

IDC 17 01:21:06.5-1.4, 56:90S~146:77E, h0km, mb3.9/4, mb1 4.2/4, mb1mx3.9/20, mbtmp3.9/4, MS3.9/9, Ms1 3.8/9, ms1mx3.7/18, Error ellipse: s-maj=89.8km s-min=37.6km az=79.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Rata Peaks, Vanda, STKA Stephens Creek, STKA Urewera, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, ASAR Alice Springs, ILAR Gielson Array, MAW Mawson, DZM Mont Dzumac, WRA Warramunga Arr, WRA Cape Leeuwin H, PMSA Palmer Station, PPT2 Papeete, RKT Rikitea, H0S2 Diego Garcia H, H0S1 Diego Garcia H, H0S3 Diego Garcia H, CLCA Paso Flores, CMAR Chiang Mai Arr, FINES FINES Array B, GERES GERES Array B, RES Resolute Bay, ARCES ARCES Array B.

IDC 17 01:42:45.1-1.1, 56:30S~147:42E, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.8/20, mbtmp3.8/3, MS4.2/1, Ms1 4.2/1, ms1mx3.2/15, Error ellipse: s-maj=383.3km s-min=89.1km az=97.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr.

WEL 17 01:25:58.0-0.4, 38:26S~176:01E, h156km, 3km, ML3.6/7, 12C, Error ellipse: s-maj=2.9km s-min=2.4km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Marea Rd, Urewera, Kawarewara, Otutere, Black Stump Fm, Aarahi, Wahianoa, Shannon Stat, Moawhango, Matawai, Urewera, Ohinepanea, Rimuhau, Paritu Road, Shannon Stat, Kaweka Forest, Black Hill Sta, Waihua, Naumai, Aropanui, McNeill Hill, Kheru, Black Hill Sta, Wahianoa, Pukemui, Porangahau, Birch Farm, Tintock, Mangatainoka R, Vanda, Stephens Creek, Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, H0S2 Diego Garcia H, H0S1 Diego Garcia H, H0S3 Diego Garcia H, RABL Rabaul, PMG Port Moresby, PMG Port Moresby, COEN Coen, COEN Coen, HNR Honiara, MTSR Mount Surobi.

IDC 17 01:26:57.2-2.5, 6:26S~147:31E, h0km, mb3.9/4, mb1 4.1/4, mb1mx4.0/20, mbtmp3.9/4, Error ellipse: s-maj=229.6km s-min=27.2km az=77.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Vanda, Stephens Creek, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, H0S2 Diego Garcia H, H0S1 Diego Garcia H, H0S3 Diego Garcia H.

IDC 17 01:54:36.0-0.6, 6:26S~149:39E, h0km, mb4.1/12, mb1 4.3/15, mb1mx4.2/30, mbtmp4.2/15, ML3.9/3, MS3.3/9, Ms1 3.3/9, ms1mx3.2/28, Error ellipse: s-maj=23.9km s-min=13.9km az=96.0, ISCJ/B 17 01:54:41.6-0.4, 6:03S~149:25E, h0km, h49km, mb4.1/15, MS3.6/7, Error ellipse: s-maj=11.3km s-min=6.1km az=20.6, NEIC 17 01:54:42.8-1.3, 6:33S~149:30E, h49km, 11km, mb4.6/6, Error ellipse: s-maj=12.4km s-min=8.0km az=63.0, AUST 17 01:54:45.6-0.0, 6:03S~147:77E, h70km, Error ellipse: s-maj=1.6km s-min=1.0km az=316.0, ISC 17 01:54:43.2-0.5, 6:34S~149:32E, h49km, n49, s~131/48, mb4.1/15, MS3.5/7, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, COEN Coen, COEN Coen, HNR Honiara, MTSR Mount Surobi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTAO Charters Tower, FAKI Faks Fak, EIDS Eidsvold, EIDS Eidsvold, WRA Warramunga Arr, WRA Warramunga Arr, RMQ Roma, GUMO Guam Array, QLP Quiipie, KNRA Kunurra, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, DZM Mont Dzumac, DZM Mont Dzumac, CMSA Cobar Meteorol, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, STKA Stephens Creek, WRKA Warrakura, MEEK Meekatharra, RAO Raoul Island, RAO Raoul Island, RPZ Rata Peaks, MJAR Matushiro Arr, KSRS Korea Array, KSAR Wonju Array, PETK Petropavlovsk, PETK Petropavlovsk, MA2 Magadan, SOND Songo Array, VANDA Vanda, MKAR Makanchi Array, ZALV Zalesovo Beam, TKM2 Tokmak 2, GQSA South Pole Qui, ILAR Gielson Array, GERES GERES Array B, LPAZ Paz, SAML Samuel, TORDI Torodi Arr, BDBF Brasilia, DBIC Dombokarr.

IDC 17 02:13:14.6-6.5, 19:11S~177:20W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/27, mbtmp3.9/2, Error ellipse: s-maj=315.2km s-min=58.4km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array Be, BRTR Keshin Array B.

HLW 17 02:18:44.6-3.4, 64:36N~23:24E, h8km, 14km, MD3.5, M3.1, ISCJ/B 17 02:18:52.5-0.9, 34:39N, 0:03, 23:84E, 0:05, h2km, 7km, mb3.8/7, Error ellipse: s-maj=6.7km s-min=4.7km az=154.7, IDC 17 02:18:52.1-1.2, 34:68N~23:99E, h0km, mb3.8/7, mb1 3.8/10, mb1mx3.6/49, mbtmp3.7/10, ML3.0/3, Error ellipse: s-maj=29.7km s-min=20.4km az=154.0, ATH 17 02:18:53.0, 34:52N~23:78E, h19km, 2km, MD3.5/14, CSEM 17 02:18:54.9-0.3, 34:53N~23:91E, h15km, MD3.5, Error ellipse: s-maj=9.0km s-min=4.8km az=39.0, ISC 17 02:18:53.3-1.6, 34:50N, 0:06, 23:78E, 0:05, h17km, 9km, n91, ~150/99, mb3.7/7, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GVD Gavdhos, GVD Gavdhos, GVD Gavdhos, VAM Vamos, VAM Vamos, IMMV Iera Moni Meta, IMMV Iera Moni Meta, SIVA Sivas, SIVA Sivas, IDI Anoyia, IDI Anoyia, IACM Heraklion, IACM Heraklion, LAST Lasithi, LAST Lasithi, NPS Neapolis, ZKR Zakros, ZKR Zakros, MHLO Agia Marina, MHLO Agia Marina, VLI Veliati.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRND, APE, KARP, DID, VLY, ATHU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MDSI, LHSI, KSI, CMAR, H08S2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKO, TIR, H08S1, etc.

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

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

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

17d 4h

531A	baz=13,SNR=12	13.09	35	P	Pn	04 15 16.9	-0.4
734A	La Parita Cree	13.32	44	P	Pn	04 15 18.0	-2.3
633A	Southoff Ranch	13.35	40	P	Pn	04 15 21.1	+0.3
532A	Rocksprings	13.41	36	P	Pn	04 15 21.9	+0.2
835A	Beeville	13.46	48	P	Pn	04 15 20.9	-1.3
431A	Sonora	13.47	33	P	Pn	04 15 22.8	+0.3
CLNB	Carlsbad	13.49	19	ePn	Pn	04 15 27.2	+4.4
JCT	Junction City	13.74	36	eP	Pn	04 15 27.5	+1.4
JCT	Junction City	13.74	36	P	Pn	04 15 26.1	0.0
JCT	Junction City	13.74	36	ePn	Pn	04 15 27.5	+1.4
330A	Mertzon	13.78	30	P	Pn	04 15 26.2	-0.6
634A	China Grove, S	13.81	43	P	Pn	04 15 25.2	-1.9
735A	Kenedy	13.83	46	P	Pn	04 15 25.2	-2.0
533A	Kerrville	13.88	39	P	Pn	04 15 28.7	+0.7
432A	Menard	14.05	35	P	Pn	04 15 32.0	+1.6
331A	San Angelo	14.06	32	P	Pn	04 15 32.1	+1.5
534A	Blanco	14.18	41	P	Pn	04 15 32.7	+0.5
635A	Leesville	14.19	44	P	Pn	04 15 29.9	-2.4
CPRX	Cap Rock	14.21	18	ePn	Pn	04 15 34.1	+1.5
230A	Stirling City	14.22	29	P	Pn	04 15 32.5	-0.1
433A	Art	14.35	37	P	Pn	04 15 35.3	+0.9
736A	Circle Diamond	14.39	47	P	Pn	04 15 33.4	-1.7
GLA	Glamis	14.40	340	eP	Pn	04 15 38.4	+3.3
GLA	Glamis	14.40	340	P	Pn	04 15 37.4	+2.2
GLA	Glamis	14.40	340	ePn	Pn	04 15 38.4	+3.3
332A	Millersview	14.47	34	P	Pn	04 15 37.6	+1.4
Y22D	IRIS PASCALL I	14.59	7	P	Pn	04 15 39.3	+1.4
231A	Bronite	14.63	31	P	Pn	04 15 37.7	-0.6
SWSC	Sam W. Stewart	14.63	337	P	Pn	04 15 40.4	+2.1
BNM	Barrett	14.71	8	ePn	Pn	04 15 42.5	+3.0
737A	Port Lavaca	14.72	49	P	Pn	04 15 38.1	-1.4
636A	Smothers Creek	14.73	46	P	Pn	04 15 38.0	-1.6
BAR	Barrett	14.74	334	ePn	Pn	04 15 41.7	+1.8
535A	Dale	14.75	43	P	Pn	04 15 38.0	-1.9
MONP	Monument Peak	14.83	335	P	Pn	04 15 42.9	+1.8
333A	Richard Sprin	14.84	36	P	Pn	04 15 41.6	+0.5
434A	Burnet	14.87	39	P	Pn	04 15 41.6	+0.1
130A	Snyder	14.88	28	P	Pn	04 15 42.1	+0.3
LAZ	Ladron	14.89	6	ePn	P	04 15 45.0	-3.0
232A	Coleman	14.92	33	P	Pn	04 15 42.9	+0.6
Y12C	Blythe	14.96	342	P	Pn	04 15 44.7	+2.0
109C	Camp Elliot, M	15.11	333	P	Pn	04 15 46.1	+1.4
536A	Bastrop	15.11	44	P	Pn	04 15 44.4	-0.3
BORC	Borrego Spring	15.16	336	ePn	Pn	04 15 40.9	-4.4
BC3	Big Chuckawall	15.16	339	P	Pn	04 15 47.4	+1.9
637A	Eagle Lake	15.20	47	P	Pn	04 15 45.5	-0.4
131A	Roby	15.21	29	P	Pn	04 15 47.2	+1.1
435B	Jarrell	15.26	41	P	Pn	04 15 45.3	-1.4
334A	Lometa	15.26	38	P	Pn	04 15 47.2	+0.4
PDMCI	Parker Dam, Lak	15.37	344	P	Pn	04 15 49.6	+1.5
Z30A	Sanderson Ranch	15.41	26	P	Pn	04 15 49.4	+0.6
233A	Rising Star	15.42	34	P	Pn	04 15 46.9	-2.0
MSTX	Muleshoe	15.42	20	P	Pn	04 15 49.2	+0.3
MSTX	Muleshoe	15.42	20	ePn	Pn	04 15 50.3	+1.4
PFO	Pinyon Flat Ob	15.47	336	Pn	Pn	04 15 51.8	+2.1
PFO	Pinyon Flat Ob	15.47	336	ePn	Pn	04 15 51.8	+2.1
PFO	Pinyon Flat Ob	15.47	336	Pn	Pn	04 15 52.0	-2.4
PFO	Pinyon Flat Ob	15.47	336	P	Pn	04 15 51.6	+1.9
PFO	Pinyon Flat Ob	15.47	336	ePn	Pn	04 15 51.8	+2.1
ANMO	Albuquerque	15.51	8	Pn	Pn	04 15 51.0	+0.8
ANMO	Albuquerque	15.51	8	LR	LR	04 20 39.4	
ANMO	Albuquerque	15.51	8	ePn	Pn	04 15 51.8	+1.6
ANMO	Albuquerque	15.51	8	ePn	Pn	04 15 52.7	-2.1
ABTX	Ablene, Hawle	15.52	31	P	Pn	04 15 49.6	-0.6
ABTX	Ablene, Hawle	15.52	31	ePn	Pn	04 15 50.5	+0.4
W18A	Petrified Fore	15.52	358	P	Pn	04 15 50.3	0.0
W18A	Petrified Fore	15.52	358	ePn	Pn	04 15 52.8	-2.1
IRM	Iron Mountain	15.53	341	P	Pn	04 15 51.9	+1.6
537A	Green Hill Far	15.61	45	P	Pn	04 15 49.7	-1.6
BELC	Belle Mtn. Jos	15.66	338	P	Pn	04 15 53.8	+1.7
335A	Woody	15.70	40	P	Pn	04 15 51.2	-1.4
436A	Wall Ranch, Ga	15.74	42	P	Pn	04 15 52.0	-1.1
MURC	Murieta	15.76	334	P	Pn	04 15 55.3	-2.1
234A	Clairette	15.82	36	P	Pn	04 15 53.7	-0.4
SCI	San Clemente I	15.84	330	P	Pn	04 15 55.4	+1.2
HKT	Hockley	15.85	47	eP	Pn	04 15 50.9	-3.5
HKT	Hockley	15.85	47	ePn	Pn	04 15 50.9	-3.5
HKT	Hockley	15.85	47	ePn	Pn	04 15 50.9	-3.5
Z31A	Sharp Cattle R	15.86	28	Pn	Pn	04 15 54.9	+0.3
133A	Hamilton Ranch	15.87	33	P	Pn	04 15 54.7	0.0
NEE2	Needles Airpor	15.94	343	P	Pn	04 15 57.8	-1.6
Y30A	Stafford Cattl	16.02	25	P	Pn	04 15 57.3	+0.6
WUAZ	Wupatki	16.04	353	P	Pn	04 15 59.1	-1.5
WUAZ	Wupatki	16.04	353	ePn	Pn	04 15 60.0	-0.7
CIS	Catalina Isan	16.12	331	P	Pn	04 15 58.6	+0.6
336A	Riesel	16.13	41	P	Pn	04 15 57.1	-1.0
Z32A	Haskell	16.16	30	P	Pn	04 15 58.8	+0.3

2010 DEC

WHTX	Lake Whitney	16.20	38	P	Pn	04 15 58.5	-0.5
WHTX	Lake Whitney	16.20	38	ePn	Pn	04 15 59.2	+0.3
437A	Phantom Ranch	16.20	44	P	Pn	04 15 59.1	+0.1
BBRC	Big Bear Solar	16.23	336	P	Pn	04 16 00.6	+1.0
GMRC	Granite Mounta	16.26	340	P	Pn	04 16 00.3	+0.4
134A	White-Moore Ra	16.28	35	P	Pn	04 15 58.3	-1.8
FMP	Fort Macarthur	16.33	332	P	Pn	04 16 01.2	+0.6
Y31A	Rekieta Farm,	16.36	27	P	Pn	04 16 00.2	-0.8
LDFC	Landfair	16.37	342	ePn	Pn	04 16 04.0	-0.2
CCIG	Comitan	16.44	99	ePn	Pn	04 16 04.3	-0.8
Z33A	Whitaker Ranch	16.49	32	P	Pn	04 16 02.0	-0.7
BFSC	Mount Baldy Ra	16.50	334	P	Pn	04 16 02.8	-0.2
BFSC	Mount Baldy Ra	16.50	334	ePn	Pn	04 16 11.3	+5.5
HEC	Hector,Ludlow	16.53	339	P	Pn	04 16 05.3	-0.7
X30A	Coker Ranch, T	16.53	24	P	Pn	04 16 02.8	-0.4
438A	Sam Houston St	16.59	45	P	Pn	04 16 02.8	-1.2
AMTX	Amarillo	16.62	22	P	Pn	04 16 02.5	-1.9
AMTX	Amarillo	16.62	22	ePn	Pn	04 16 03.5	-0.9
135A	Vickery Place,	16.64	37	P	Pn	04 16 03.0	-1.7
MWC	Mount Wilson	16.66	333	eP	P	04 16 08.0	+0.4
MWC	Mount Wilson	16.66	333	ePn	P	04 16 08.0	+0.4
MWC	Mount Wilson	16.66	333	ePn	P	04 16 08.0	+0.4
PASC	Pasadena Art C	16.67	333	ePn	P	04 16 08.4	+0.9
337A	Centerville	16.69	43	eSn	Pn	04 16 04.5	-0.7
236A	Katherine and	16.75	40	P	Pn	04 16 04.6	-1.4
Y32A	R-V Farms, Ver	16.75	29	P	Pn	04 16 06.7	+0.7
DECC	Green Verdugo	16.80	333	P	Pn	04 16 08.0	-0.9
TUQ	Turquoise Moun	16.95	340	P	Pn	04 16 09.6	-1.1
Z34A	Collier Ranch,	16.99	34	P	Pn	04 16 08.7	-0.3
BLG	Laguna Peak	17.01	331	P	Pn	04 16 07.4	-1.9
X31A	McDonald Ranch	17.05	26	P	Pn	04 16 08.1	-1.7
338A	Crockett	17.09	44	P	Pn	04 16 09.9	-1.1
136A	Ennis	17.09	39	P	Pn	04 16 07.7	-2.5
GSC	Goldstone	17.12	338	eP	P	04 16 14.1	+1.6
GSC	Goldstone	17.12	338	P	P	04 16 12.4	-0.1
GSC	Goldstone	17.12	338	ePn	Pn	04 16 14.1	+1.6
Y33A	Hilltop Ranch,	17.14	31	P	Pn	04 16 07.1	-3.8
X32A	Elmer	17.17	28	Pn	Pn	04 16 11.7	+0.4
BSC	Santa Cruz Isl	17.19	329	P	Pn	04 16 10.8	-0.7
237A	Washetta, Mont	17.20	41	P	Pn	04 16 07.7	-3.9
EDW2	Edwards Air Fo	17.20	334	P	P	04 16 13.1	-0.2
OSI	Osito Adit	17.28	332	P	P	04 16 14.7	+0.5
W30A	Crockett Farms	17.29	24	Pn	Pn	04 16 13.2	+0.4
Z35A	Petaven, San	17.31	35	P	Pn	04 16 11.4	-1.6
SHOC	Shoshone	17.48	340	P	Pn	04 16 16.6	+0.1
Y34A	Reagan Ranch,	17.53	33	P	Pn	04 16 14.3	-1.5
W31A	Holland Ranch,	17.54	26	Pn	Pn	04 16 14.3	-1.6
339A	Huntington	17.57	45	P	Pn	04 16 13.5	-2.8
SBC	Santa Barbara	17.59	330	P	Pn	04 16 17.4	-0.2
LRMC	Laurel Mountai	17.60	336	P	Pn	04 16 17.8	-0.1
MVCO	Mesa Verde	17.61	2	P	Pn	04 16 17.4	-0.7
MVCO	Mesa Verde	17.61	2	ePn	Pn	04 16 19.0	+0.9
238A	Jacksonville	17.63	43	P	Pn	04 16 15.9	-1.1
X33A	Lawton	17.63	30	P	Pn	04 16 17.1	0.0
137A	Hen Place, G	17.64	40	P	Pn	04 16 14.5	-2.6
WMOK	Wichita Mounta	17.66	29	eP	Pn	04 16 17.8	+0.3
WMOK	Wichita Mounta	17.66	29	ePn	Pn	04 16 17.8	+0.3
EKU	East Kanab	17.72	351	ePn	P	04 16 21.4	+2.2
SHPR	Sheep Range	17.72	344	ePn	P	04 16 21.2	+2.0
Z36A	Blue Ridge	17.72	37	P	Pn	04 16 17.7	-0.5
ARVC	Arvin	17.76	333	P	Pn	04 16 18.3	-0.3
NATX	Nacogdoches	17.77	4				

17d 4h

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like VFP, I37A, H35A, etc.

2010 DEC

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like FFC, SDDR, BBB, etc.

712

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like TBI, TBUAI, SIV, etc.

Table with columns: CD2, Station Name, Time, Res, etc. Includes entries for Chengdu, MAJO Matsuhiro, MAT Matsuhiro, MJAR Matsuhiro Arr, BJ Beijing, LZ Lanzhou, HHC Hu-ho-hao-te, SHL Shilling, BBOO Buckleboo, EIDS Eidsvoll, STKA Stephens Creek, USRK Ussuriysk Arr, GTA, ARPS Mount Arapiles, SONM Songino Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, YAK Yakutsk, TKM2 Tokmak 2, AAK Ala-Archa, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KBL Kabul, KURB Kurchatov Arr, KURK Kurchatov, KKAR Karatay Array, BVAR Borovoye Array, BRVK Borovoye, BILL Bilibino, GEYT Alibek, ABKAR Akbulak array, MLY Manley, TRF Thorofair Moun, MCK McKinley, WRH Wood River Hill, CCB Clear Creek Bu, IL1 Eielson Array, ILAR Eielson Array, PPT Papeete, INK Inuvik, CLL Colim, LPM Los Pinos Moun, TORO Torodi Arr, BJA Lajitas Array, JCT Junction City.

Table with columns: HDC, QCR, BOB, BRU, BCIP, IDC, Code, Station Name, Time, Res, etc. Includes entries for Heredia, Quepos, Buena Vista, Volcan, Isla Barro Col, IDC 17 05:01:26.1,2,9,19:97Sx178.51W, RAO Raoul Island, ASAR Alice Springs, WRA Warrunguna Arr, TXAR Lajitas Array, NIED 17 05:28:00.43,40N,147.00E, SKHL 17 05:28:37.4,0.3,43.42N,147.06E, IDC 17 05:28:34.8,0.7,43.44N,146.83E, MOS 17 05:28:36.5,1.2,43.43N,146.91E, JMA 17 05:28:36.3,0.4,43.43N,147.04E, SKHL 17 05:28:37.4,0.3,43.42N,147.06E, IDC 17 05:28:48.6,1.3,43.43N,146.83E, IDC 17 05:28:36.5,0.9,43.44N,147.07E, NEM2 Nemuro 2, YUZK Yuzh-Kuril'sk, YUK Kuril'sk, JRA Rausu, JNK Nakash, JAK Akkeshi, KUR Kuril'sk, JTKR Ashobiri-Toko, JOB Onbets, JHC Churui, JHK Horoka, JFR Furan, YSS Yuzh-Sakhalins, TYV Tymovskoe, SONM Songino Array, SONM Songino Array, H1N2 WAKE ISLAND Hy 2891 139, H1N1 WAKE ISLAND Hy 2893 139, H1N3 WAKE ISLAND Hy 2893 139, H1S1 WAKE ISLAND Hy 2897 140, H1S3 WAKE ISLAND Hy 2898 140, H1S2 WAKE ISLAND Hy 2899 140, ILAR Eielson Array, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr, ARCES ARCES Array B, ARCES ARCES Array A, FINES FINESS Array B, FINES FINESS Array A, NOA NORSAR Array B, NOA NORSAR Array A, IDC 17 05:37:26.1,3,0,30:35Sx177.48W, Kermadec Islands.

Table with columns: RAO, URZ, WRA, FINES, IDC, Code, Station Name, Time, Res, etc. Includes entries for Raoul Island, Urewera, Warrunguna Arr, FINESS Array B, IDC 17 06:07:51.5,6.7, 19:05N:108:53W, IDC 17 06:07:56.4,9, 19:13N:108:61W, HO6E1 SOCORRO T-PHAS 2.20 263, HO6E1 SOCORRO T-PHAS 2.24 262, HO6S1 SOCORRO T-PHAS 2.25 266, LPGL Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, ANMO Albuquerque, INK Inuvik, ILAR Eielson Array, AUST 17 06:07:34.6, 23:19S:174:75W, IDC 17 06:08:14.6, 1.8, 24:39S:173:92E, IDC 17 06:08:16.7, 0.6, 24:49S:179:87E, IDC 17 06:08:17.4, 0.6, 24:56S:180:0E, DZM Mont Dzumac, AFI Afiamalu, URZ Urewera, URZ Urewera, LHI Lord Howe Isla, RPZ Rata Peaks, EIDS Eidsvoll, CMSA Cobar Meteorol, QLP Quilpie, MTSU Mount Surprise, STKA Stephens Creek, STKA Stephens Creek, BBOO Buckleboo, ASAR Alice Springs, WRA Warrunguna Arr, WRA Warrunguna Arr, KDU Kakadu, WRKA Warakurna, MTN Mantion Dam, KNRA Kunurra, VYDA Vanda, MAW Mawson, PFO Pinyon Flat Ob, NVAR Mina Array Bea, TXAR Lajitas Array, ILAR Eielson Array, PDAR ARCES Array B, ARCES ARCES Array B, HFS Hagerman, AKASG Malin Array B, MMAI Mount Meron Arr, BRTR Keskin Array B, EKA Eka, TORD Torodi Arr, TORD Torodi Arr, SJA San Juan, SJA San Juan, SJA San Juan, RTVL Cerro Valdivia, RTLL Cerro Villucun.

LAPC	Finca la Perla	2.77 122	iP	Pn	09 32 43.1 +0.9	Z30A	Sanderson Ranc	24.21 332	P	P	09 37 13.3 +0.1	O20A	White River Ci	33.09 331	eP	P	09 38 33.6 +1.1
CUI	Cuipilapa	3.06 121	iP	Pn	09 32 47.1 +1.0	X33A	Lawton	24.21 338	P	P	09 37 13.0 -0.2	J28A	Allard Ranch	33.15 342	P	P	09 38 33.1 +0.4
AMAS	Alto Masis	3.23 120	iP	Pn	09 32 49.3 +0.8	W35A	Teunsech	24.23 342	P	P	09 37 13.4 +0.2	H32A	Carson Farm,	33.18 347	P	P	09 38 32.6 -0.3
JMS	JuntasAbangare	3.43 124	eS	Sn	09 32 26.2 +0.5	V38A	Canehill	24.24 347	P	P	09 37 13.1 -0.2	J27A	Elkhorn Farm,	33.23 341	P	P	09 38 33.7 +0.2
JTS	JuntasAbangare	3.43 124	eS	Sn	09 32 55.1 +3.9	Y31A	Rkietla Farm,	24.40 334	P	P	09 37 15.1 +0.2	SUSD	South Dakota S	33.47 345	P	P	09 38 35.5 0.0
JTS	JuntasAbangare	3.43 124	eS	Sn	09 32 52.0 +0.8	X32A	Elmer	24.40 337	P	P	09 37 15.0 +0.2	SRU	San Rafael	33.48 327	eP	P	09 38 34.5 -1.3
JCR	Jicaral	3.58 132	eP	Pn	09 33 29.5 -1.2	V37A	Hulbert	24.43 346	P	P	09 37 15.0 -0.1	G34A	Benson	33.54 350	P	P	09 38 35.8 -0.2
JCAJ	Cerro Gallo 2	3.98 124	eP	Pn	09 32 53.7 +0.4	WMOK	Wichita Mounta	24.49 338	eP	P	09 37 15.3 -0.4	G33A	Ortonville	33.64 349	P	P	09 38 36.4 -0.5
CGAZ	Heredia	4.28 121	eS	Sn	09 33 09.9 +2.0	V36A	Jenks	24.55 344	P	P	09 37 16.0 -0.2	I28A	Midland	33.65 343	P	P	09 38 36.9 -0.2
HDC	Heredia	4.28 121	eS	Sn	09 33 46.8 +2.4	W34A	Bridge Creek,	24.59 340	P	P	09 37 17.0 +0.5	G32A	Webster	33.91 348	P	P	09 38 38.8 -0.4
QCR	Quepos	4.57 128	eP	Sn	09 34 07.7 +2.0	W34A	Bridge Creek,	24.59 340	eP	P	09 37 16.6 +0.1	F35A	Swanville	33.98 352	P	P	09 38 39.6 -0.2
OCR	Buena Vista	4.81 123	eP	Sn	09 33 28.5 +1.9	Y30A	Stafford Catti	24.60 333	P	P	09 37 16.5 -0.2	I27A	Quinn	33.98 342	P	P	09 38 39.9 -0.1
BUS	Buena Vista	4.81 123	eP	Sn	09 33 12.9 +2.3	TUL1	Tulsa	24.62 344	P	P	09 37 16.7 -0.1	G30A	Faulton	34.16 346	P	P	09 38 41.0 -0.5
BUS	Comitan	5.78 314	eS	Sn	09 34 00.7 +2.0	TUL1	Tulsa	24.62 344	eP	P	09 37 16.7 -0.1	F33A	5 Mile Ranch,	34.24 349	P	P	09 38 41.9 -0.1
CCIG	Comitan	5.78 314	eS	Sn	09 34 06.8 +1.3	W33A	Caddo, Fort Co	24.75 339	P	P	09 37 17.1 -0.9	E36A	McGregor	34.46 353	P	P	09 38 43.3 -0.7
CCIG	Comitan	5.78 314	eS	Sn	09 34 27.9 -1.0	V35A	Meyer Ranch, C	24.78 342	P	P	09 37 17.2 -1.0	I25A	Rochford	34.48 340	P	P	09 38 45.0 +0.5
CTCR	Cotoan	6.00 123	eP	Pn	09 33 28.5 +1.9	X31A	McDonald Ranch	24.86 336	P	P	09 37 19.6 +0.5	H27A	Hoves	34.50 342	P	P	09 38 45.2 +0.8
CTCR	Cotoan	6.00 123	eP	Pn	09 34 31.6 -2.6	U37A	Salina	24.93 346	P	P	09 37 19.8 +0.3	H26A	Fairport	34.70 341	P	P	09 38 47.2 +1.0
BRU2	Volcan	6.11 124	eP	Sn	09 33 29.4 +1.2	W32A	Sentinel	25.01 337	P	P	09 37 20.3 -0.1	D37A	Cotton	35.00 355	P	P	09 38 49.2 +0.5
BRU2	Volcan	6.11 124	eP	Sn	09 33 26.6 +2.9	V34A	Guthrie	25.05 341	P	P	09 37 20.1 -0.7	G27A	Dupree	35.13 343	P	P	09 38 49.7 -0.2
BCIP	Isia Barro Col	8.43 111	eS	Pn	09 34 02.6 +2.7	V34A	Guthrie	25.05 341	eP	P	09 37 20.4 -0.3	WTU	Western Traver	35.21 327	eP	P	09 38 52.3 +1.6
BCIP	Isia Barro Col	8.43 111	eS	Pn	09 35 31.1 -2.8	X30A	Coker Ranch, T	25.08 334	P	P	09 37 21.1 +0.1	WTU	Western Traver	35.21 327	eP	P	09 38 52.3 +1.6
034A	Hebronville	17.91 327	P	P	09 36 08.1 +1.6	MNTX	Cornudas Mount	25.21 323	P	P	09 37 21.7 -0.5	F28A	McLaughlin	35.25 344	P	P	09 38 51.4 +0.6
933A	Laredo	18.66 327	P	Pn	09 36 15.4 -0.1	MNTX	Cornudas Mount	25.21 323	eP	P	09 37 24.9 +2.6	EDW2	Edwards Air Fo	35.42 315	P	P	09 38 52.5 0.0
834A	Tilden	18.70 329	P	Pn	09 36 16.1 +0.2	V33A	Lossen Ranch,	25.29 340	P	P	09 37 22.6 -0.4	D33A	AnnSam, Waubun	35.42 351	P	P	09 38 51.8 -0.5
833A	Chaparral WMA,	19.30 328	P	Pn	09 36 22.7 -0.4	U35A	Pawnee	25.32 343	P	P	09 37 22.6 -0.5	G25A	Newell	35.42 341	P	P	09 38 53.3 +0.9
TIGA	Tifton	19.49 11	P	P	09 36 25.0 -0.1	V32A	Arapaho	25.47 338	P	P	09 37 24.4 -0.2	F27A	Lenmon	35.61 343	P	P	09 38 54.1 +0.1
733A	Divot King Ran	19.56 329	P	P	09 36 25.1 +0.5	V32A	Arapaho	25.47 338	P	P	09 37 24.4 -0.2	C36A	Pine Crest Far	35.64 354	P	P	09 38 55.1 +1.0
832A	Faith Ranch, C	19.57 326	P	P	09 36 25.2 +0.4	MSTX	Muleshoe	25.55 330	eP	P	09 37 25.3 -0.1	EYMN	Butcher	35.71 356	P	P	09 38 56.1 +1.4
732A	Laxson Ranch,	19.92 327	P	P	09 36 29.4 +0.8	MSTX	Muleshoe	25.55 330	eP	P	09 37 25.3 -0.1	MPMC	Manual Propsec	35.72 317	P	P	09 38 55.1 -0.2
633A	Saathoff Ranch	20.11 330	P	P	09 36 31.0 +0.3	T37A	Cheyeville 18	25.57 347	P	P	09 37 25.2 -0.2	PDAR	Pineale Array	35.77 332	P	P	09 38 55.5 -0.1
534A	Blanco	20.26 332	P	P	09 36 31.6 -0.6	U34A	Anderson Ranch	25.61 342	P	P	09 37 25.5 -0.3	PDAR	Pineale Array	35.77 332	P	P	09 38 55.5 -0.1
632A	Uvalde	20.45 329	P	Pn	09 36 35.6 -1.1	T36A	Boggs Farm, Ca	25.73 345	P	P	09 37 26.4 -0.5	BW06	Boulder Array	35.77 332	eP	P	09 38 54.6 -1.0
533A	Kerrville	20.55 331	P	P	09 36 35.9 +0.5	T35A	Sooner Cattle	25.76 344	P	P	09 37 26.5 -0.6	D30A	Suchanan	35.94 347	P	P	09 38 56.8 0.0
631A	Perdido Creek	20.79 327	P	P	09 36 38.3 +0.4	AMTX	Amarillo	25.80 333	P	P	09 37 26.8 -0.8	E27A	Carson	35.99 344	P	P	09 38 57.1 -0.1
434A	Burnet	20.84 334	P	P	09 36 38.8 +0.3	AMTX	Amarillo	25.80 333	eP	P	09 37 28.2 +0.6	BGU	Big Grassy Mou	36.12 327	eP	P	09 38 00.3 +1.8
532A	Rocksprings	21.02 330	P	P	09 36 40.8 +0.3	V31A	Spring Creek L	25.81 337	P	P	09 37 27.8 +0.2	C31A	Landman Farms,	36.38 349	P	P	09 38 00.1 -0.5
433A	Art	21.15 332	P	P	09 36 41.9 0.0	CCM	Cathedral Cave	25.87 354	eP	P	09 37 25.9 -2.2	D28A	Regan	36.44 345	P	P	09 39 00.9 -0.2
236A	Katherine and	21.22 339	P	P	09 36 42.9 +0.3	R39A	Chumby, Stover	26.36 351	P	P	09 37 32.3 -0.3	C30A	Mudro Plain	36.45 348	P	P	09 39 00.5 -0.6
JCT	Junction City	21.26 330	P	P	09 36 44.8 +1.8	R38A	Fenwick Farm,	26.39 349	P	P	09 37 32.6 -0.2	AHID	Auburn Hatcher	36.49 331	eP	P	09 39 02.5 +0.7
JCT	Junction City	21.26 330	eP	P	09 36 45.9 +2.8	T33A	Patterson Ranc	26.43 341	P	P	09 37 32.7 -0.5	AGMN	Agassiz Nation	36.55 351	P	P	09 39 01.1 -0.8
334A	Lometa	21.28 335	P	P	09 36 43.7 +0.4	Q39A	Willow Grove F	27.07 351	P	P	09 37 38.5 -0.4	B34A	Aery, Baudette	36.56 352	P	P	09 39 01.0 -1.0
531A	Rocksprings	21.37 328	P	P	09 36 44.8 +0.5	Q38A	Cooks Store, C	27.09 350	P	P	09 37 39.6 +0.5	E25A	Miller Ranch,	36.59 342	P	P	09 39 01.9 -0.4
138A	Matatall Enter	21.37 343	P	P	09 36 45.0 +0.8	S31A	Mullinville	27.33 340	P	P	09 37 41.6 +0.3	HVU	Hansel Valley	36.59 328	eP	P	09 39 04.5 +1.9
GOGA	Godfrey	21.43 10	eP	P	09 36 46.9 +2.1	R33A	Olander Ranch,	27.48 343	P	P	09 37 42.1 -0.6	B32A	Ashes, Strandq	36.75 350	P	P	09 39 02.6 -1.1
432A	Menard	21.58 331	P	P	09 36 46.8 +0.3	T29A	Hugoton	27.58 336	P	P	09 37 44.7 +1.1	MDND	Maddock	36.83 347	P	P	09 39 04.2 -0.2
333A	Richland Sprin	21.59 333	P	P	09 36 46.4 -0.2	S30A	Montezuma	27.69 338	P	P	09 37 45.4 +0.8	REDW	Red Top Meadow	36.83 332	eP	P	09 39 05.3 +0.6
136A	Ennis	21.65 340	P	P	09 36 49.3 +2.1	BNM	Barren Site	27.71 325	eP	P	09 37 47.5 +2.5	SNOW	Snow King Moun	36.86 332	eP	P	09 39 05.8 +0.9
Z39A	Irene McRaven,	21.68 345	P	P	09 36 48.1 +0.6	R30A	Dighton	28.20 339	P	P	09 37 48.9 -0.2	LOHW	Long Hollow	36.91 332	eP	P	09 39 05.9 +0.5
530A	J-C Ranch, Com	21.77 327	P	P	09 36 48.5 -0.1	ANMO	Albuquerque	28.21 326	P	P	09 37 51.4 +2.0	CARC	Carrio Plain	36.94 314	eP	P	09 39 02.6 -3.0
431A	Sonora	21.82 329	P	P	09 36 50.2 +1.1	ANMO	Albuquerque	28.21 326	eP	P	09 37 50.3 +0.8	B31A	Greenbush Farm	36.97 349	P	P	09 39 05.6 0.0
234A	Clairette	21.82 332	P	P	09 36 49.4 +0.3	R28A	Tribe	28.81 337	P	P	09 37 55.0 +0.3	MOOW	Moose Ponds	37.08 332	eP	P	09 39 07.1 +0.3
332A	Millersview	21.98 332	P	P	09 36 52.2 +1.4	P32A	Huiting Farm,	28.88 343	P	P	09 37 55.5 +0.4	A30A	Warrod	37.10 352	P	P	09 39 05.8 -0.8
233A	Rising Star	22.15 334	P	P	09 36 52.6 0.0	T25A	Trinidad	28.90 332	P	P	09 37 55.6 +0.1	B30A	Myrick Farm, E	37.13 348	P	P	09 39 06.9 0.0
OXF	Oxford	22.20 357	eP	P	09 36 53.2 +0.1	T25A	Trinidad	28.90 332	eP	P	09 37 57.2 +1.6	A32A	Rocking H Ranc	37.25 351	P	P	09 39 08.1 +0.2
HPIG	comp=N,16nm,1.6s	22.22 314	eP	P	09 36 57.2 +3.6	Q29A	Oakley	28.99 339	P	P	09 37 56.9 +0.8	FLWY	Flagg Ranch	37.32 332	eP	P	09 39 09.4 +0.7
331A	San Angelo	22.24 330	P	P	09 36 55.1 +1.5	TUC	Tucson	29.03 317	eP	P	09 38 00.5 +3.9	B29A	Wagenman Farm,	37.35 347	P	P	09 39 09.0 +0.2
134A	White-Moore Ra	22.30 337	P	P	09 36 54.9 +0.7	P30A	Selden	29.32 340	P	P	09 38 00.5 +1.4	A31A	Linda, St. Vin	37.38 350	P	P	09 39 09.5 +0.5
Y39A	Lockesburg	22.33 346	P	P	09 36 55.3 +0.9	KSC0	Kaye Shedlock'	29.71 336	P	P	09 38 02.9 +0.3	MLAC	Mammoth Lakes	37.49 318	P	P	09 39 09.7 -0.7
232A	Coleman	22.36 333	P	P	09 36 56.3 +1.4	O30A	MW Ranch, Wils	29.83 341	P	P	09 38 03.8 +0.2	H17A	Grant Village	37.50 333	P	P	09 39 10.0 -0.4
TXAR	Lajitas Array	22.49 321	P	P	09 36 57.0 +0.6	SDCO	Great Sand Dun	29.90 331	P								

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like AYDN, Zeytinokoy-Aydi, and various local frequencies.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SKO Skopje, DRME Prishtine, and various international frequencies.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FKH Fakeheh, BURAR Bucovina Array, and various international frequencies.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, GOPC GO Pecny, and various others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SEKA Galich'ya Gora, LPSR Galich'ya Gora, and various others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like AKTO Aktyubinsk, AB31 Akbulak array, and various others.

723

Table with columns: ID, Name, Az, El, Pol, Az, El, Pol, Az, El, Pol. Rows include MK01 Makanchi Array, ZAA0 Zalesovo Array, ZALV Zalesovo Beam, SUMG Summit, WMQ Urumqi, KOLN Koldanda, DMN Daman, PKN Phulchoki, PKI Pulchoki, LSZ Lusaka, GUN Gumba, GJR Jiri, RAMN Ramite, TAPN Taplejung, TLY Talaya, TSUM Tsumeb, MATP Matopo, GTA Gaotai, SONM Songino Array, OPO Ambohiratratopo, ULN Ulanbaatar, BOD Bodaibo, SCHQ Schefferville, LBTB Lobatse, LZHZ Lanzhou, CD2 Chengdu, BOSA Boshof, HHC Hu-ho-hao-te, CMAR Chiang Mai Arr, CM01 Chiang Mai Arr, VLD0 Val d'Or, BILL Bilibino.

2010 DEC

Table with columns: ID, Name, Az, El, Pol, Az, El, Pol, Az, El, Pol. Rows include SEY Seymchan, KLR Kul'dur, SADO Sadowa, INK Inuvik, MVL Millersville, NJ2 Nanjing, YKA Yellowknife Ar, YKA Yellowknife Ar, USRK Ussuriysk Ar, MCWV Mont Chateau, C39A Grand Marais, FFC Flin Flon, FFC Flin Flon, EYMN Ely, EYMN Ely, EYMN Ely, KSAR Wonju Array Be, KSAR Wonju Array Be, KSAR Wonju Array Be, KRSR Korea Array, C37A Embarras, ULM Lac du Bonnet, ULM Lac du Bonnet, ILAR Eielson Array, ILAR Eielson Array, DAWY Dawson, DAWY Dawson, C36A Pine Crest Far, B35A Bob, Littlefor, D37A Cottor, B34A Aery, Baudette, A33A Warrod, D36A Goodland, C35A Jirik Farms, M, E37A Wrenshall, A32A Rocking H Ranc, B33A Robert and Kas, E36A McGregor, D35A Remer, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation, C34A Rk Ranch, Bem, B32A Ashes, Strandg, C33A Trail, E35A Pequot Lakes, D34A Park Rapids, F36A Milaca, KMSC Kings Mountain, SPMN St. Paul, SPMN St. Paul, SPMN St. Paul, A30A Hoffart Farm, B31A Greenbush Farm, SFIN Scholer Farm, D33A AnnSam, Waubun, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, E34A Wadena, B30A Myrvik Farm, E, F35A Swanville, A29A Manning Farm, G36A St. Michael, H37A Dierke Farm, C, I38A Scanlan Farm, BLO Bloomington, BLO Bloomington, BLO Bloomington, C31A Landman Farms, E33A Westby DABS, E, B29A Wagenman Farm, G35A Watkins, A28A Rude Farm, Bot, C30A Mose, Pekin.

17d 9h

Table with columns: ID, Name, Az, El, Pol, Az, El, Pol, Az, El, Pol. Rows include H36A Jesseland, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, J38A Inus Dairy, I37A Lemond, Waseca, HDIL Hopedale, B28A Dugan Ranch, T, F33A 5 Mile Ranch, H35A Sunnyside Ranch, MDND Maddock, G34A Benson, I36A Fitzsimmons Fa, E31A Desease Lake, D30A Buchanan, F32A Vebler, A26A Wade Farm, Ken, J37A Redenus Farm, B27A Peters Farms, K38A Parkersburg, OLIL Olney, OLIL Olney, G33A Ortonville, C28A Hausauer Farms, H34A Spellman Lake, D29A Pettibone, Tap, I35A Creekview Farm, E30A Jud, J36A Seneca I, Swea, K37A Belmont, A25A Svangstu Ranch, DLBO Desease Lake, L38A Oak Wood Farm, F31A Hecla, G32A Webster, D28A Regan, H33A Prehn Over Nor, E29A Napoleon, J35A Milford, C26A Wahner Farm, P, EDM Edmonton, EDM Edmonton, EDM Edmonton, L37A Phoenix Point, K36A Gilmore City, G31A Conde, H32A Carlsson Farm, N39A Derby Farms, D, M38A Pleasantville, E28A Huff, J34A George, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, K35A Storm Lake, F29A Eureka, SIUC Southern Illin, SIUC Southern Illin, C25A Freed Ranch, W, L36A Harm Buss Farm, I32A Karley and Nic, G30A Faulkton, N38A Joe's South Far, D26A Manning, M37A Trindle Farm, E27A Carson, F28A McLaughlin, K34A Le Mars, G29A Hoven, D25A Fairfield, L35A Bielow Farm, R, SUSD South Dakota S, M36A Felix, Anita, E26A Carlsson Angus, N37A Lee Faris, Mou, J32A Parkston, O38A Galt, Q40A Laux Farm, Aux, P39A Salisbury, F27A Lemmon, K33A Hardington, CCM Cathedral Cave, CCM Cathedral Cave.

725	Code	Station Name	Time Res	PLG	Polygyros	1.55 6 ePn	Pn	09 42 52.5 -0.8
134A	White-Moore Ra	92.19 314 P	P	09 50 45.9 +0.4	ISC	h m s	ISC	09 42 55.5 -0.1
SDCO	Great Sand Dun	92.22 322 P	P	09 50 46.0 +0.1	Op	1.58 241 ePb	Pg	09 42 55.5 -0.1
HVU	Hansel Valley	92.24 329 eP	Pmax	09 50 46.5 +0.8	ePg	1.60 205 ePg	Pb	09 42 55.0 -0.3
HVU	comp=Z,3.0nm,0.8s	92.24 329 eP	Pmax	09 50 46.5 +0.8	P	1.60 205 P	Sb	09 42 54.1 +0.0
HVU	Hansel Valley	92.24 329 eP	P	09 50 46.5 +0.8	ePg	1.60 205 ePg	Pb	09 42 55.0 -0.3
HVU	comp=Z,3.3nm,0.8s	92.24 329 eP	P	09 50 46.5 +0.8	P	1.60 205 P	Sb	09 42 55.0 -0.3
HVU	comp=Z,3.3nm,0.8s	92.24 329 eP	P	09 50 46.5 +0.8	ePg	1.60 205 ePg	Pb	09 42 55.0 -0.3
X30A	Coker Ranch, T	92.37 317 P	P	09 50 46.9 +0.6	ISC	1.61 262 ePb	Pg	09 42 56.5 +0.3
Z32A	Haskell	92.45 316 P	P	09 50 47.5 +0.8	Op	1.61 262 P	Pn	09 42 56.5 +0.3
Z34A	Clairette	92.64 314 P	P	09 50 48.1 +0.5	ePg	1.61 21 P	Pg	09 42 53.5 -0.6
133A	Hamilton Ranch	92.64 315 P	P	09 50 47.8 +0.2	Sg	1.61 21 ePn	Pn	09 42 53.5 -0.6
Z31A	Sharp Cattle R	92.81 316 P	P	09 50 49.2 +0.8	Op	1.77 357 P	Pn	09 42 55.6 -0.7
Z22A	4UR Ranch, Cre	92.87 323 P	P	09 50 49.3 +0.5	ePg	1.77 357 P	Pn	09 42 55.6 -0.7
S22A	4UR Ranch, Cre	92.87 323 eP	P	09 50 49.4 +0.5	Op	1.99 3 P	Pn	09 42 59.3 -0.1
S22A	4UR Ranch, Cre	92.87 323 eP	P	09 50 49.4 +0.5	Op	1.99 3 P	Pn	09 42 59.3 -0.1
ABTX	Abilene, Hawle	93.05 315 P	P	09 50 50.4 +1.0	ePg	2.12 186 ePn	Pn	09 43 02.5 +1.4
BGU	Big Grassy Mou	93.06 329 eP	P	09 50 50.1 +0.6	Sg	2.12 186 P	Pn	09 43 00.6 -0.5
BGU	comp=Z,4.1nm,2.8s	93.06 329 eP	P	09 50 50.1 +0.6	Sg	2.12 186 P	Pn	09 43 00.6 -0.5
BGU	Big Grassy Mou	93.06 329 eP	P	09 50 50.1 +0.6	ePg	2.12 186 ePn	Pn	09 43 02.5 +1.4
BGU	comp=Z,4.1nm,2.8s	93.06 329 eP	P	09 50 50.1 +0.6	Sb	2.34 354 P	Sb	09 43 04.4 +0.2
SAML	Samuel	93.07 261 eP	P	09 50 50.4 +0.7	Op	2.34 354 P	Sb	09 43 03.7 +0.6
SAML	comp=Z,4.1nm,1.0s	93.07 261 eP	P	09 50 50.4 +0.7	Sg	2.34 354 P	Sb	09 43 03.7 +0.6
SAML	Samuel	93.07 261 eP	P	09 50 50.4 +0.7	Op	2.34 354 P	Sb	09 43 03.7 +0.6
SAML	comp=Z,4.1nm,1.0s	93.07 261 eP	P	09 50 50.4 +0.7	Sg	2.34 354 P	Sb	09 43 03.7 +0.6
Z33A	Rising Star	93.07 314 P	P	09 50 50.4 +0.8	Op	2.38 24 P	Pn	09 43 03.7 -1.0
Z34A	Lometa	93.19 314 P	P	09 50 51.1 +1.0	ePg	2.38 24 P	Pn	09 43 03.7 -1.0
PV09	Paradox Valley	93.35 325 eP	P	09 50 51.7 +0.6	Op	2.42 47 ePn	Pn	09 43 03.8 -1.5
PV09	Paradox Valley	93.35 325 eP	P	09 50 51.7 +0.6	Op	2.42 47 ePn	Pn	09 43 03.8 -1.5
PV01	Paradox Valley	93.38 324 eP	P	09 50 51.6 +0.4	ePg	2.54 133 P	Pn	09 43 06.9 0.0
PV01	Paradox Valley	93.38 324 eP	P	09 50 51.6 +0.4	ePg	2.54 133 P	Pn	09 43 06.9 0.0
SRU	San Rafael	93.48 326 eP	Pmax	09 50 51.4 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
SRU	comp=Z,4.0nm,0.6s	93.48 326 eP	Pmax	09 50 51.4 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
SRU	San Rafael	93.48 326 eP	Pmax	09 50 51.4 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
SRU	comp=Z,3.9nm,0.6s	93.48 326 eP	Pmax	09 50 51.4 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
DUG	Dugway	93.58 328 P	P	09 50 52.0 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
434A	Burnet	93.59 313 P	P	09 50 52.6 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
Z32A	Coleman	93.59 315 P	P	09 50 52.6 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
233A	Richland Sprin	93.63 314 P	P	09 50 52.8 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
231A	Bronte	93.94 315 P	P	09 50 54.7 +1.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
332A	Millersview	94.02 315 P	P	09 50 54.4 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MVCO	Mesa Verde	94.09 324 P	P	09 50 54.6 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
J05D	Fort Rock, OR	94.09 335 P	P	09 50 54.6 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
433A	Art	94.11 314 P	P	09 50 54.9 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
331A	San Angelo	94.47 315 P	P	09 50 56.1 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MSU	Marysvalle	94.70 327 eP	Pmax	09 50 57.8 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MSU	comp=Z,2.0nm,0.5s	94.70 327 eP	Pmax	09 50 57.8 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MSU	Marysvalle	94.70 327 eP	Pmax	09 50 57.8 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MSU	comp=Z,1.9nm,0.5s	94.70 327 eP	Pmax	09 50 57.8 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	Albuquerque	94.90 321 PKKpbc	PKKpbc	10 07 53.1 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	comp=Z,3.5nm,0.5s	94.90 321 PKKpbc	PKKpbc	10 07 53.1 +0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	Albuquerque	94.90 321 i/P	Pmax	09 50 58.1 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	comp=Z,1.0nm,1.1s	94.90 321 i/P	Pmax	09 50 58.1 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	Albuquerque	94.90 321 P	P	09 50 58.1 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ANMO	comp=Z,1.0nm,1.1s	94.90 321 P	P	09 50 58.1 -0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
431A	Sonora	95.05 315 P	P	09 50 59.1 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
532A	Rocksprings	95.05 314 P	P	09 50 59.1 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
531A	Rocksprings	95.39 314 P	P	09 51 00.5 +0.2	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
M04C	Macdoel	95.64 335 P	P	09 51 01.8 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
330A	J-C Ranch, Com	95.85 315 P	P	09 51 03.1 +0.7	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
631A	Perdido Creek	95.97 314 P	P	09 51 03.0 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
YBH	Yreka Blue Hor	95.97 336 P	P	09 51 02.3 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
YBH	comp=Z,0.9nm,0.5s	95.97 336 P	P	09 51 02.3 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
YBH	Yreka Blue Hor	95.97 336 P	Pmax	09 51 02.3 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
YBH	comp=Z,1.0nm,0.5s	95.97 336 P	Pmax	09 51 02.3 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
R11A	Troy Canyon, C	96.29 329 P	P	09 51 04.1 -0.2	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WUAZ	Wupatki	96.82 325 P	P	09 51 06.9 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MNTX	Cornudas Mount	96.89 318 P	P	09 51 06.2 -0.8	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MNTX	comp=Z,5.5nm,3.0s	96.89 318 P	P	09 51 06.2 -0.8	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MNTX	Cornudas Mount	96.89 318 eP	P	09 51 06.8 -0.2	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
MNTX	comp=Z,5.5nm,3.0s	96.89 318 eP	P	09 51 06.8 -0.2	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
NVAR	Mina Array Bea	97.30 331 P	Pdif	09 51 09.2 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
NVAR	comp=Z,0.3nm,0.5s	97.30 331 P	Pdif	09 51 09.2 +0.1	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
NVAR	Mina Array Bea	97.30 331 P	PKKpbc	10 07 47.4 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
NVAR	comp=Z,0.8nm,0.6s	97.30 331 P	PKKpbc	10 07 47.4 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
121A	Cookes Peak, D	97.49 321 P	P	09 50 49.3 -0.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TX31	Lajitas Ar. Si	97.79 316 eP	Pdif	09 51 11.6 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TX31	comp=Z,3.5nm,0.5s	97.79 316 eP	Pdif	09 51 11.6 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	Lajitas Array	97.79 316 P	Pdif	09 51 11.7 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	comp=Z,0.8nm,0.7s	97.79 316 P	Pdif	09 51 11.7 +0.4	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	Lajitas Array	97.79 316 LR	LR	10 35 31.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	comp=Z,3.1nm,18.1s	97.79 316 LR	LR	10 35 31.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	Lajitas Array	97.79 316 Pmax	Pmax	09 51 11.7 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	comp=Z,1.0nm,0.7s	97.79 316 Pmax	Pmax	09 51 11.7 +0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	Lajitas Array	97.79 316 MLR	MLR	10 35 31.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
TXAR	comp=Z,3.1nm,18.1s	97.79 316 MLR	MLR	10 35 31.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
HEC	Hector,Ludlow	99.60 328 Pdif	Pdif	09 51 18.1 -1.0	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
BC3	Big Chuckawall	100.21 327 Pdif	Pdif	09 51 20.4 -1.6	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRA	Warramunga Arr	117.71 95 PKP	PKPpdf	09 56 21.1 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRA	comp=Z,0.6s	117.71 95 PKP	PKPpdf	09 56 21.1 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRA	Warramunga Arr	117.71 95 PKKp	PKKp	09 56 21.1 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRA	comp=Z,0.6s	117.71 95 PKKp	PKKp	09 56 21.1 -0.5	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRAB	Tennant Creek	117.72 95 ePKKp	PKKp	09 56 21.3 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRAB	comp=Z,0.4nm,0.6s	117.72 95 ePKKp	PKKp	09 56 21.3 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRAB	Tennant Creek	117.72 95 ePKKp	PKKp	09 56 21.3 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
WRAB	comp=Z,0.4nm,0.6s	117.72 95 ePKKp	PKKp	09 56 21.3 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	Alice Springs	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	comp=Z,5.2nm,0.3s	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	Alice Springs	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	comp=Z,5.2nm,0.3s	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	Alice Springs	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	comp=Z,5.2nm,0.3s	119.28 99 PKP	PKKp	09 56 24.2 -0.3	Op	2.56 11 ePb	Pn	09 43 08.3 +1.1
ASAR	Alice Springs	119.28 99 PKP	PKKp	09 56 2				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAF Ylistaro, FIAO FINES Array S, FIAO FINES Array B, etc.

ISC/JB 17 10:05:18.6:0.5,50:13N:0:04:19:04E:0:03,h0km, Error ellipse: s-maj=6.1km s-min=2.7km az=12.4

CSEM 17 10:05:19.6:0.5,50:13N:19:08E,h2km,ML2.7/4, Error ellipse: s-maj=8.8km s-min=3.9km az=11.0

PRU 17 10:05:20.5,50:11N:19:08E,h0km

ISC 17 10:05:19.8:0.8,50:12N:0:04:19:09E:0:02,h0km,m26, e1904/46,Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, LANS Liptovska Anna, etc.

ISC/JB 17 10:07:55.0:0.9,40:33N:0:04:25:66E:0:04,h7km,6km, Error ellipse: s-maj=6.1km s-min=5.0km az=158.2

ATH 17 10:07:55.8,40:35N:25:68E,h26km,1km,MD2.9/4

CSEM 17 10:07:56.0:0.2,40:32N:25:71E,h10km,MD2.9, Error ellipse: s-maj=5.5km s-min=4.5km az=159.0

DDA 17 10:07:57.5,40:33N:25:79E,h8km,MD2.7

ISK 17 10:07:57.1,40:28N:25:85E,h11km,MD2.7

ISC 17 10:07:56.5,10:40:32N:0:02:25:71E:0:02,h10km,g9km, n26,e050/46,Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMTH Samothraki Isl, BOZC Bozcaada, LIA Limnos Island, etc.

NNC 17 10:20:29.5:2.4,53:44N:87:02E,h0km,mb3.9,mpv3.6, 8C-40, Error ellipse: s-maj=18.3km s-min=10.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, MK31 Makanchi Array, VOSK Vostochayaya, etc.

DDA 17 10:20:34.0,10:40:74N:34:88E,h7km,MD2.7

ISK 17 10:20:33.0,10:40:74N:34:91E,h12km,MD2.8

CSEM 17 10:20:34.0:0.2,10:40:74N:34:86E,h10km,MD2.8, Error ellipse: s-maj=4.6km s-min=3.5km az=121.0

ISC 17 10:20:34.0:1.1,40:76N:0:03:34:87E:0:03,h12km,12km, n20,e054/33,Turkey

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

PDG 17 10:23:13.9:0.2,41:41N:20:42E,h16km,ML2.9/12, Error ellipse: s-maj=0.6km s-min=0.8km az=0.0

SKO 17 10:23:13.5,41:49N:20:44E,h15km,ML2.5

TIR 17 10:23:14.7,41:35N:20:40E,h6km,ML2.8

BE0 17 10:23:14.8:0.4,41:34N:20:43E,h0km,ML2.5/8

ATH 17 10:23:15.0,41:51N:20:63E,h4km,4km,MD3.3/12

CSEM 17 10:23:15.0:0.1,41:44N:20:43E,h2km,ML2.5, Error ellipse: s-maj=6.5km s-min=3.9km az=51.0

ISC 17 10:23:14.7:1.1,41:46N:0:02:20:44E:0:02,h3km,10km, n69,e1910/12,1C-14,Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHR Ohrid, TIR Tirane, ULC Ulcinj, NEST Nestorio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kerkira, JAN Janina, SJD Sjenica, etc.

ISC 17 10:40:10.8:0.0,10:21N:126:38E,h0km,mb4.0/18, mb1.4/18,mb1mx4.0/45,mbtmp4.0/18,MS3.0/3, Ms1.3.0/3,ms1mx2.6/35, Error ellipse: s-maj=29.6km s-min=13.7km az=77.0

MAN 17 10:40:12.0:29N:126:65E,h15km,mb4.8,ML3.7,MS3.7

NEIC 17 10:40:12.5:0.4,10:22N:126:36E,h10km,mb4.5/2, Error ellipse: s-maj=16.1km s-min=7.4km az=83.0

NEIC Fell (J PIVS) at Dapa and Del Carama, Siargao Island.

Also fell (J PIVS) at Socorro, Lucas Grande Island.

ISC 17 10:40:13.4:1.7,10:22N:126:34E:0:07,h16km,10km, n46,e121/43,mb4.0/20,3C-2D,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, MSLP Maasin, PLP Palo, OCLP Ormoc, etc.

Table with 4 columns: Station Name, Az, Phase ID, Time Res. Includes stations like WRDH Warideh, WRDH, and GZT Gaziantep.

IDC 17 12:00:26.4:5.0,41.555S:87.64W,h0km,mb3.7/4, mb1 4.1/4,mb1mx3.8/25,mbtmp3.7/4,MS3.5/7,Ms1 3.5/7, ms1mx3.4/18, Error ellipse: s-maj=145.0km s-min=55.3km az=160.0, West Chile Rise

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like PLCA Paso Flores, LVC Limon Verde, CPUP Villa Florida, and others.

BUI 17 12:01:50.5,63.11N:151.21W,h10km,mb4.7/17, mb5.0/10,Ms4.6/7,Ms7.4/3/7

IDC 17 12:01:53.8:0.6,63.29N:151.42W,h0km,mb3.9/18, mb1 4.1/22,mb1mx4.0/46,mbtmp4.0/22,ML3.6/4,MS3.6/15, Ms1 3.6/15,ms1mx3.5/59, Error ellipse: s-maj=14.3km s-min=9.7km az=143.3

ISCJB 17 12:01:54.6:0.8,63.34N:151.47W:0.04,h14km,5km, mb4.2/33,MS3.6/12, Error ellipse: s-maj=3.3km s-min=3.2km az=10.3

MOS 17 12:01:54.6:0.8,63.37N:151.43W,h17km,mb4.5/9, Error ellipse: s-maj=12.5km s-min=7.4km az=104.3

NEIC 17 12:01:55.5,63.33N:151.44W,h16km,mb4.4/8,MW4.3, ML4.4(AEIC),Moment Tensor Solution. s23 Moment tensor. Scale 10^19Nm; Mrr1.06; Mth-0.43; Mbb-0.63; Mm-0.49; Mm-2.50; Mrr1.89; Best double couple: M0.30000*10^15 Np1.0263.00000*0.8220000* 7.61.00000* NP2.055.00000* 8.75.00000* 1.40.00000*

NEIC Flg at Fairbanks, North Pole and Talkeeta. ISC 17 12:01:55.2:1.3,63.33N:151.41W:0.03,h8km,3km, n150,ct197/159,mb4.2/33,MS3.6/12,5C-6D,Central Alaska

Large table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like TRF Thorofare Moun, BPWW Bear Paw Mtn, CUB Chulitna, and many others.

Table with 4 columns: Station Name, Az, Phase ID, Time Res. Includes stations like MID Middleton Isla, EGAK Eagle, BALM Baldy, and others.

ISCJB 17 12:04:35.8:0.4,0.17S:124.53E:0.03,h73km, mb3.8/7, Error ellipse: s-maj=6.5km s-min=4.0km az=178.1

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like HHC comp=Z,210nm,14.5s, HHC comp=Z,210nm,16.2s, and others.

IDC 17 12:04:36.2:3.0,0.07S:124.37E,h69km,23km,mb3.5/7, mb1 3.7/10,mb1mx3.3/38,mbtmp3.9/10,MS2.9/2, Ms1 2.9/2,ms1mx2.5/34, Error ellipse: s-maj=15.9km s-min=14.7km az=77.0

DJA 17 12:04:36.0:0.4,0.0N:4.12'E5E*,h48km,48km,M4.4/16, mb4.7/8,mb5.0/4,MLV4.4/13,MLV4.4/16,MW(MB)4.3/4

ISC 17 12:04:37.2:0.7,0.16S:124.05E:h124.52km,0.04,h73km,n25, ct135/33,mb4.0/7,Southern Molucca Sea

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, SANN Sanana, and others.

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, SANN Sanana, and others.

ISCJB 17 12:04:37.2:0.7,0.16S:124.05E:h124.52km,0.04,h73km,n25, ct135/33,mb4.0/7,Southern Molucca Sea

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, SANN Sanana, and others.

ATH 17 12:21:19.7,40.91N:26.25E,h13km,2km,MD3.3/7 CSEM 17 12:21:21.6:0.1,40.88N:26.10E,h5km,ML3.4, Error ellipse: s-maj=3.6km s-min=2.7km az=32.1

DDA 17 12:21:21.5,40.87N:26.10E,h8km,MD3.2 ISCJB 17 12:21:40.4,0.91N:102.26E:13E:0.02,h8km,3km, Error ellipse: s-maj=3.3km s-min=2.5km az=24.2

ISK 17 12:21:21.7,40.89N:26.16E,h8km,ML3.5 THE 17 12:21:22.5,40.87N:26.10E,h10km,1km,ML3.4/4, Error ellipse: s-maj=3.9km s-min=0.9km az=44.0

SOF 17 12:21:23.2,40.93N:25.95E,h5km,MD3.0 ISC 17 12:21:22.3:0.8,40.88N:102.26E:0.02,h12km,5km, n152,ct192/182,8C-16B,Turkey

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res. Includes stations like ALN Alexandroupoli, ALN Alexandroupoli, and others.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes stations like ERIK, SMTH, LPK, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes stations like KUBS, PLOA, MDVR, etc.

mb1 4.7/12, mb1mx4.5/28, mbtmp4.5/12, MS4.5/14, Ms1 4.5/14, ms1mx4.3/29, Error ellipse: s-maj=27.7km s-min=15.1km az=168.0

Table with columns: Code, Station Name, RA, Dec, Mag, Type, and other parameters. Includes stations like RKT, RKT, RKT, etc.

17d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nanjing, Chiang Mai Arr, Guiyang, Kunming, Beijing, Hu-ho-hao-te, Lanzhou, Songino Array, Ekdalemuir Arr, Urumqi, GERES Array B, Makanchi Array, Zalesovo Beam, Ala-Archa, Keskin Array B.

AUST 17 12:42:27.9.0.7, 3.59N, 100.11E, h89km, Error ellipse: s-maj=1.6km s-min=0.8km az=237.0
ISCJB 17 12:42:31.5.0.2, 2.75N, 0.03, 89E, 0.03, h166km, 2km, mb4.2/31, Error ellipse: s-maj=5.7km s-min=3.6km az=41.1
BUJ 17 12:42:31.5.2, 80N, 98.90E, h157km, mb4.5/25, mb4.9/12
DJIA 17 12:42:32.1.0.3, 3.1N, 2.9E, h159km, 3km, M4.5/18, mb4.7/6, mb5.4/2, MLV4.4/18, Mw(mB)4.8/2
NEIC 17 12:42:32.6.0.4, 2.75N, 98.94E, h162km, 4km, mb4.4/10, Error ellipse: s-maj=7.5km s-min=5.9km az=225.0
IDC 17 12:42:32.6.0.5, 2.70N, 98.98E, h164km, 4km, mb3.9/25, mb1.4/0.26, mb1mx3.8/5.3, mbtmp4.4/26, MS4.7/2, Ms1.4/7.2, ms1mx3.2/4.2, Error ellipse: s-maj=13.2km s-min=10.0km az=55.0
KLM 17 12:42:34.3.2, 86N, 98.95E, h131km, mb4.5, ML4.0
ISC 17 12:42:32.5.0.2, 2.75N, 0.04, 98.93E, 0.03, h162km, 4km, n119, c13/34/137, mb4.2/31, 6C-9D, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Prapat, Tuntingan, Kotacane, Aceh, Gunungsitoli, Mandailing Nat, Iphoh, Kepong, Meulaboh, Aceh, Kulim, Kulum, Kulum, LHMI, LHM, BKN, BKN, BKN, PPI, PDI, SISI, KGM, KTM, MYKOM, MYKOM, MYKOM, MASI, LHSI, MNAI, MNAI, MNAI, MDSI, KASI, KSM, SBUM, SBUM, BISI, BTM, CM01, CMAR, KKM, KKM, SDKM, PALK, PALK, TSM, SLVN, MYLDM, MYLDM, MYLDM, KMI, KMI, ODAN, TAPN, RAMN, PKIN, GUN, CD2, CD2.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Koldanda, Sorong, Fitzy Crossi, Lanzhou, Nanjing, Gaotai, Hu-ho-hao-te, BJI, Beijing, Warramunga Arr, Tennant Creek, Urumqi, KSH, KSH, KSH, KSH, KSH, ASAR, Alina Springs, KSAR, Wonyu Array Be, KSR, Korea Array, KZA, KZ, TKM2, TKM2, KBK, Karakaybulak, AML, Almayashu, AAK, Ala-Archa, AAK, Ala-Archa, AAK, Ala-Archa, SONM, Songino Array, SONM, Erkin-Say, EKSE, Usp, Osenovka, MK01, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, KKR, Karatay Array, USRK, Ussuriysk Ar, KURB, Kurchatov Arr, KURB, Kurchatov, GYR, Alibek, ZAAO, Zalesovo Array, ZAAO, Zalesovo Array, ZALV, Zalesovo Beam, QLP, Chigai, STKA, Stephens Creek, STKA, Colbar Meteorol, KLR, Kul'dur, KLR, OPO, Amboiditrapom, BVAR, Borovoye Array, BVAR, Borovoye Array, RAYN, Ar Rayn, CMSA, Colbar Meteorol, ASAJ, Ashikawa, ABKAR, Akbulak array, KBK, Khabaz, BRTR, Keskin Array B, AKASG, Malin Array Be, MLR, Muntele Rosu, BOSA, Boshof, KOLS, Kibnetec sedl, STHS, Stibnetka Huta, ARCES, ARCES Array B, SYO, Syowa Base, GERES Array B, DAVOX, Davos/Dischmat, ILAR, Eielson Array.

MAN 17 12:51:29.15.59N, 120.19E, h1km, mb4.8, ML3.7, MS3.7, 1D, Luzon
Code Station Name Az Az' Phase ID Time Res
SCZP Santa Cruz 0.33 305 Op ISC h m s ISC
SCZP Santa Cruz 0.33 305 P Pg 12 51 42.5 -0.9
BOLP Bolinao 0.83 342 eP Pg 12 51 42.8 -2.2
PCPH Palayan 0.88 921 eP Pg 12 51 46.1 +0.3
PCPH Palayan 0.88 921 eS Sn 12 52 01.6 -0.3

730

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Baler, Cauayan, Dolores, Conner, Instituto Hidro, Pichilemu, El Roble, Talagante, Santiago, Peldehue, Santa Lucia, Antumapu, Cerro Calan, Los Nichales, AUSP, AUSP, AUSP, CERRO ARCO, Agrelo, Leonicato, Salgataca, Vichaceras, Cerro Valdivia, Cerro Villucun, MOGNA, Cantantal, Las Campanas, GUANDACOL, Vinchina, Paso Flores, Choyas, Cafatey, Torquist, Limon Verde, Limon Verde, Villa Florida, CPUP, CPUP, LPZA, San Ignacio, Samuel, Brasilia, Pitinga, South Pole Qui, Lajitas Array, DBIC, Dimbokro, BOSA, Urewera, Torodi Ar, Be, Afiamalu, Borovoye Array, AAK, Ala-Archa, Kurchatov Arr, Kurchatov, ZALV, Zalesovo Beam, Apatity Array, Apatity, Apatity, Apatity.

HEL 17 12:58:53.1.0.3, 67.59N, 34.02E, h0km, ML2.6, Explosion
NAO 17 12:58:54.5.1.1, 67.65N, 33.87E, ML3.0
KOLA 17 12:58:54.4, 67.62N, 33.93E, h0km
CSEM 17 12:58:54.6.0.7, 67.52N, 33.53E, h2km, ML3.0, Error ellipse: s-maj=1.4, 7km s-min=6.6km az=88.0, Mining explosion.
IDC 17 12:58:55.3.1.8, 67.72N, 33.79E, h0km, mb1.3/7.5, mb1mx3.3/5.7, mbtmp3.7, ML3.3/5, Error ellipse: s-maj=20.4km s-min=8.8km az=83.0
ISC 17 12:58:51.5.1.5, 67.50N, 0.04, 34.19E, 0.06, h0km, m52, c137/83, Baltic States-Belarus-Northwestern Russia

APA0	baz=94,slow=37	Pg	Rg	12 59 08.4					
APA0	baz=83,slow=37	Pg	Rg	12 59 08.4					
APA0	Apacity Array	0.46 271	P	12 59 00.8 +0.6					
APA0	Apacity Array	0.46 271	P	12 59 00.8 -0.7					
VRV	Vario	1.75 277	PG	12 59 23.4 +0.3					
VRV	comp=Z,74nm,0.2s	MSG		12 59 43.6					
VRV	Vario	1.75 277	SG	12 59 44.8 -1.3					
VRV	Vario	1.75 277	Pg	12 59 23.4 +0.3					
VRV	Vario	1.75 277	Pn	12 59 44.8 -1.3					
KU6	Riekki	2.32 229	PG	12 59 33.1 -1.1					
KU6	comp=Z,32nm,0.2s	MSG		13 00 00.2					
KU6	Riekki	2.32 229	SG	13 00 03.1 -0.2					
KU6	Riekki	2.32 229	Pg	12 59 53.0 -1.1					
MSF	Maasselka	2.65 233	PB	12 59 38.0 +2.6					
MSF	Maasselka	2.65 233	SG	13 00 13.2 +0.3					
MSF	Maasselka	2.65 233	Pb	12 59 38.0 +2.6					
MSF	Sodankyl	2.95 270	Pb	13 00 13.2 +0.3					
SGF	Sodankyl	2.95 270	SG	12 59 41.3 +1.8					
SGF	Sodankyl	2.95 270	Pb	13 00 20.4					
RNF	Rovaniemi	3.34 256	Pn	12 59 41.3 +1.8					
RNF	Rovaniemi	3.34 256	Pn	12 59 45.4 +0.5					
RNF	Rovaniemi	3.34 256	Pn	12 59 25.5 +0.2					
RNF	Rovaniemi	3.34 256	Pn	12 59 45.4 +0.5					
KEV	Kevo	3.40 313	Pn	12 59 47.1 +1.4					
KEV	Kevo	3.40 313	Pn	13 00 26.0 -0.6					
KEV	Kevo	3.40 313	Pn	12 59 47.1 +1.4					
KEV	Kevo	3.40 313	Pn	13 00 26.0 -0.6					
ARA0	ARCESS Array S	3.73 305	Pn	12 59 51.4 +1.2					
ARA0	baz=123,slow=16								
ARA0	baz=121,slow=16	Pg	Pb	12 59 59.9 +1.8					
ARA0	baz=126,slow=28	Lg	Lg	13 00 33.0 -1.8					
ARA0	baz=120,slow=37	Pn	Pn	12 59 51.4 +1.2					
ARA0	ARCESS Array S	3.73 305	Pn	12 59 51.4 +1.2					
ARA0	baz=123,slow=16								
ARA0	baz=121,slow=16	Pg	Pb	12 59 59.9 +1.8					
ARA0	baz=126,slow=28	Lg	Lg	13 00 33.0 -1.8					
ARA0	baz=120,slow=37	Pn	Pn	12 59 51.4 +1.2					
ARA0	ARCESS Array S	3.73 305	Pn	12 59 51.4 +1.2					
ARA0	SNR=8.0								
ARA0	ARCESS Array B	3.73 305	Pn	13 00 43.8					
ARCES	comp=Z,12nm,0.3s, baz=120,slow=15,SNR=707	Lg	Pn	12 59 51.4 +1.2					
ARCES	comp=Z,5.0nm,0.3s, baz=120,slow=25,SNR=11	Lg	Pn	13 00 33.7 -1.1					
ARCES	comp=Z,14nm,0.3s, baz=117,slow=35,SNR=12	Lg	Pn	13 00 45.1					
ARE0	ARCESS Array S	3.73 305	eS	12 59 51.4 +1.2					
ARE0	ARCESS Array S	3.73 305	eS	13 00 36.1 +1.3					
ARE0	SNR=50								
ARE0	ARCESS Array S	3.73 305	PN	12 59 50.8 +0.6					
ARE0	ARCESS Array S	3.73 305	PN	13 00 33.0 -1.8					
ARE0	ARCESS Array S	3.73 305	eP	12 59 50.8 +0.6					
ARE0	ARCESS Array S	3.73 305	eP	12 59 51.4 +1.2					
ARE0	SNR=50								
HEF	Hetta	4.04 286	PN	12 59 55.0 +0.5					
HEF	SNR=98								
HEF	Hetta	4.04 286	PN	13 00 41.6 -0.8					
HEF	Hetta	4.04 286	PN	12 59 50.5 +0.5					
HEF	Hetta	4.04 286	PN	13 00 41.6 -0.8					
OUL	Oulu	4.18 237	SG	12 59 51.1 +2.7					
OUL	Oulu	4.18 237	SG	12 59 51.1 +2.7					
OUL	Oulu	4.18 237	SG	12 59 51.1 +2.7					
OUL	Oulu	4.18 237	SG	12 59 51.1 +2.7					
KTK1	Kautokeino	4.30 294	eP	12 59 58.8 +0.7					
KTK1	comp=Z,20nm,0.2s	Kautokeino	4.30 294	eP	12 59 58.8 +0.7				
KTK1	SNR=49								
KALU	Kalix	4.63 253	PN	13 00 03.4 +0.7					
KALU	Kalix	4.63 253	PN	13 00 03.4 +0.7					
LANU	Lannavaara	4.64 281	PN	13 00 12.3 -0.5					
LANU	Lannavaara	4.64 281	SG	13 00 12.3 +2.2					
LANU	Lannavaara	4.64 281	PN	13 00 12.3 +2.2					
FIA0	FINES Array S	7.09 213	Pn	13 00 37.7 +1.3					
FIA0	baz=31,slow=14								
FIA0	baz=38,slow=28								
FIA0	baz=18,slow=28								
FIA0	FINES Array S	7.09 213	Pn	13 00 37.7 +1.3					
FIA0	baz=31,slow=14								
FIA0	baz=38,slow=28								
FIA0	baz=18,slow=28								
FIA0	FINES Array S	7.09 213	Pn	13 00 37.7 +1.3					
FIA0	SNR=4								
FIA0	FINES Array S	7.09 213	Pn	13 00 37.5 +1.1					
FIA0	comp=Z,0.2nm,0.3s, baz=36,slow=14,SNR=5.7								
FIA0	comp=Z,0.5nm,0.3s, baz=24,slow=21,SNR=4.0								
FIA0	comp=Z,0.5nm,0.3s, baz=24,slow=21,SNR=4.0								
FIA0	comp=Z,0.5nm,0.3s, baz=24,slow=21,SNR=4.0								
HFS	Hagfors	11.67 240	Pn	13 01 38.1 -0.9					
HFS	baz=39,slow=9.3								
HFS	Hagfors	11.67 240	Pn	13 01 38.1 -0.9					
HFS	baz=39,slow=9.3								
HFS	Hagfors	11.67 240	Pn	13 01 37.5 -1.6					
HFS	comp=Z,0.1nm,0.3s, baz=40,slow=12,SNR=4.8								
HFS	Hagfors	11.67 240	Pn	13 01 38.1 -0.9					
HFS	SNR=4								
HFS	Hagfors	11.67 240	Pn	13 01 38.1 -0.9					
SPA0	Spitsbergen Ar	11.75 342	Pn	13 01 38.4 -1.7					
SPA0	baz=137,slow=12								
SPA0	Spitsbergen Ar	11.75 342	Pn	13 01 38.4 -1.7					
SPA0	baz=137,slow=12								
SPITS	Spitsbergen Ar	11.75 342	Pn	13 01 38.2 -1.9					
SPITS	baz=137,slow=12,SNR=23								
NB2	NORSAR Subarra	11.87 247	Pn	13 01 40.7 -1.1					
NB2	baz=49,slow=14								
NB2	NORSAR Subarra	11.87 247	Pn	13 01 40.7 -1.1					
NB2	baz=49,slow=14								
NB2	NORSAR Subarra	11.87 247	Pn	13 01 40.7 -1.1					
NB2	SNR=4.8								
NOA	NORSAR Array B	11.87 247	Pn	13 01 40.6 -1.1					
NOA	comp=Z,0.3nm,0.3s, baz=40,slow=10,SNR=5.2								

JISG	JISG	0.80 232	S	13 04 35.2 0.0					
JIJ	Ishigaki jima	0.80 232	S	13 04 29.1 -0.1					
JJK	Kuro-shima	0.98 231	S	13 04 40.3 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 04 31.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 04 45.2 +0.7					
JKRS	Kuro-shima	0.98 231	S	13 04 37.7 +0.2					
JKRS	Kuro-shima	0.98 231	S	13 04 48.2 0.0					
JKRS	Kuro-shima	0.98 231	S	13 04 35.3 +0.5					
JKRS	Kuro-shima	0.98 231	S	13 04 51.3 +0.7					
JKRS	Kuro-shima	0.98 231	S	13 04 41.8 +0.6					
JKRS	Kuro-shima	0.98 231	S	13 05 02.3 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 04 47.9 +0.2					
JKRS	Kuro-shima	0.98 231	S	13 05 04.2 +0.7					
JKRS	Kuro-shima	0.98 231	S	13 04 49.1 +0.1					
JKRS	Kuro-shima	0.98 231	S	13 04 56.0 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					
JKRS	Kuro-shima	0.98 231	S	13 05 28.8 +0.9					
JKRS	Kuro-shima	0.98 231	S	13 11 44.7 +0.3					
JKRS	Kuro-shima	0.98 231	S	13 11 53.6 -1.6					
JKRS	Kuro-shima	0.98 231	S	13 12 12.3 -1.1					
JKRS	Kuro-shima	0.98 231	S	13 12 27.0 -0.2					
JKRS	Kuro-shima	0.98 231	S	13 16 22.3 +0.4					

P33A	Williams Farm,	126.03	45	P	PKPdf	13 41 30.2	+0.8
T30A	Huddler Ranch,	126.03	48	P	PKPdf	13 41 30.6	+1.1
Z32A	Sterling City	126.08	55	P	PKPdf	13 41 30.5	+0.8
H36A	Jessenland, He	126.10	38	P	PKPdf	13 41 30.5	+1.1
Q33A	Connelly Farm,	126.11	46	P	PKPdf	13 41 30.4	+0.8
Y31A	Rekieta Farm,	126.13	52	P	PKPdf	13 41 30.5	+0.8
X31A	McDonald Ranch	126.13	51	P	PKPdf	13 41 30.7	+0.9
X30A	Mertzson	126.16	56	P	PKPdf	13 41 30.5	+0.6
R33A	Olander Ranch,	126.28	47	P	PKPdf	13 41 30.7	+0.8
L35A	Bielow Farm, R	126.30	41	P	PKPdf	13 41 30.3	+0.5
I36A	Fitzsimmons Fa	126.34	39	P	PKPdf	13 41 30.4	+0.6
530A	J-C Ranch, Com	126.37	57	P	PKPdf	13 41 31.1	+0.8
Q34A	Beatrice	126.41	44	P	PKPdf	13 41 29.9	-0.1
Z31A	Sharp Cattle R	126.43	53	P	PKPdf	13 41 31.1	+0.8
131A	Roby	126.43	54	P	PKPdf	13 41 31.2	+0.9
SPMN	St. Paul	126.44	37	P	PKPdf	13 41 30.4	+0.4
V32A	Arapaho	126.48	50	P	PKPdf	13 41 31.6	+1.3
J36A	Seneca 1, Swea	126.49	39	P	PKPdf	13 41 30.8	+0.7
M35A	Neola	126.51	42	P	PKPdf	13 41 30.3	+0.1
T33A	Patterson Ranc	126.57	48	P	PKPdf	13 41 31.4	+0.9
P34A	Walnut Farm, R	126.59	45	P	PKPdf	13 41 30.8	+0.3
Z31A	Bronze	126.71	55	P	PKPdf	13 41 31.6	+0.7
I37A	Lemond, Waseca	126.72	38	P	PKPdf	13 41 31.3	+0.8
K36A	Gilmore City	126.76	40	P	PKPdf	13 41 31.2	+0.5
Q34A	Chapman	126.78	45	P	PKPdf	13 41 31.4	+0.6
331A	San Angelo	126.81	56	P	PKPdf	13 41 31.7	+0.6
R34A	Isabella, Hill	126.82	46	P	PKPdf	13 41 31.6	+0.7
431A	Sonora	126.83	56	P	PKPdf	13 41 32.3	+1.0
O35A	Humboldt	126.91	43	P	PKPdf	13 41 31.7	+0.7
Z32A	Haskell	126.96	53	P	PKPdf	13 41 32.2	+0.8
J37A	Redenius Farm,	126.99	39	P	PKPdf	13 41 31.6	+0.5
V33A	Lossen Ranch,	127.01	49	P	PKPdf	13 41 32.3	+0.9
WMOK	Wichita Mounta	127.02	51	ePKIKP	PKPdf	13 41 31.3	-0.1
WMOK	Wichita Mounta	127.02	51	ePKIKP	PKPdf	13 41 31.3	-0.1
531A	Rocksprings	127.03	57	P	PKPdf	13 41 32.6	+1.0
ABTX	Abilene, Hawle	127.05	54	P	PKPdf	13 41 32.5	+0.9
ESDC	Sonsea Array	127.16	316	PKP	PKPdf	13 41 32.0	+0.4
S34A	Willow Spring	127.16	47	P	PKPdf	13 41 32.3	+0.7
P31A	Duane Minner,	127.16	44	P	PKPdf	13 41 32.1	+0.6
G35A	Perdido Creek	127.20	58	P	PKPdf	13 41 32.5	+0.6
K37A	Belmond	127.21	40	P	PKPdf	13 41 31.1	-0.5
Z32A	Coleman	127.27	55	P	PKPdf	13 41 32.9	+0.9
N36A	Muff Farm, Cla	127.30	42	P	PKPdf	13 41 32.3	+0.5
X33A	Lawton	127.31	51	P	PKPdf	13 41 32.8	+0.9
332A	Millersview	127.34	55	P	PKPdf	13 41 32.5	+0.3
U34A	Anderson Ranch	127.34	48	P	PKPdf	13 41 33.2	+1.2
T34A	Scanlan Farm,	127.36	38	P	PKPdf	13 41 32.2	+0.4
I38A	McClaskey Farm	127.37	48	P	PKPdf	13 41 32.5	+0.5
Y33A	Hilltop Ranch,	127.40	52	P	PKPdf	13 41 33.0	+0.9
Q35A	Mercer Eighty,	127.44	45	P	PKPdf	13 41 32.6	+0.5
Z33A	Whitaker Ranch	127.53	53	P	PKPdf	13 41 33.1	+0.7
JCT	Junction City	127.56	56	ePKIKP	PKPdf	13 41 33.2	+0.6
JCT	Junction City	127.56	56	P	PKPdf	13 41 33.1	+0.5
JCT	Junction City	127.56	56	ePKIKP	PKPdf	13 41 33.2	+0.6
R35A	Emporia Municip	127.56	46	P	PKPdf	13 41 33.1	+0.8
532A	Rocksprings	127.57	57	P	PKPdf	13 41 33.6	+0.9
M37A	Trindie Farm,	127.62	41	P	PKPdf	13 41 33.4	+1.1
133A	Hamilton Ranch	127.63	54	P	PKPdf	13 41 33.0	+0.4
S35A	Otter Creek Ra	127.74	47	P	PKPdf	13 41 33.4	+0.7
X34A	Smith Ranch, M	127.80	51	P	PKPdf	13 41 34.4	+1.5
Z33A	Rising Star	127.83	54	P	PKPdf	13 41 33.9	+0.8
632A	Uvalde	127.84	58	P	PKPdf	13 41 34.4	+1.2
Z32A	Laxson Ranch,	127.89	59	P	PKPdf	13 41 34.3	+1.1
T35A	Sooner Cattle	127.91	48	P	PKPdf	13 41 34.0	+1.0
L38A	Oak Wood Farm,	127.96	40	P	PKPdf	13 41 33.6	+0.7
U35A	Pawnee	127.97	48	P	PKPdf	13 41 34.4	+1.2
333A	Richland Sprin	127.98	55	P	PKPdf	13 41 34.2	+0.8
R32A	Faith Ranch, C	128.01	59	P	PKPdf	13 41 34.7	+1.2
R36A	Gordon, Harris	128.05	45	P	PKPdf	13 41 33.6	+0.4
433A	Art	128.06	56	P	PKPdf	13 41 34.5	+0.9
Y34A	Reagan Ranch,	128.09	51	P	PKPdf	13 41 34.3	+0.9
V35A	Meyer Ranch, C	128.13	49	P	PKPdf	13 41 34.5	+1.0
O37A	Wolfen Farm, M	128.16	43	P	PKPdf	13 41 33.9	+0.5
M38A	Pleasantville	128.18	41	P	PKPdf	13 41 34.0	+0.7
S36A	Lake Cedric, C	128.24	46	P	PKPdf	13 41 34.4	+0.7
P37A	Lathrop	128.29	44	P	PKPdf	13 41 33.7	0.0
134A	White-Moore Ra	128.31	53	P	PKPdf	13 41 34.9	+1.0
533A	Kerrville	128.31	57	P	PKPdf	13 41 34.8	+0.8
T36A	Boogs Farm, Ca	128.32	47	P	PKPdf	13 41 34.7	+0.9
W35A	Tecumseh	128.33	50	P	PKPdf	13 41 34.8	+0.9
633A	Saathoff Ranch	128.37	57	P	PKPdf	13 41 35.2	+1.1
Z34A	Clairette	128.45	54	P	PKPdf	13 41 35.2	+1.0
733A	Divot King Ran	128.47	58	P	PKPdf	13 41 35.7	+1.4
R37A	Teagarden Farm	128.53	45	P	PKPdf	13 41 34.4	+0.2
334A	Lometa	128.58	55	P	PKPdf	13 41 34.9	+0.5
Y35A	Marietta	128.67	51	P	PKPdf	13 41 35.6	+1.0

434A	Burnet	128.72	55	P	PKPdf	13 41 35.6	+0.8
TORD	Tordi Ar, Bea	128.75	282	PKP	PKPdf	13 41 35.5	+0.3
TORD	comp=Z,3.2nm,0.3s,baz=74,slow=2.2,SNR=41			SKPbc	SKPbc	13 44 39.5	
TORD	comp=Z,3.1nm,0.8s,baz=78,slow=3.6,SNR=47			PKKPab	PKKPab	13 50 56.5	
S37A	Fort Scott	128.76	46	P	PKPdf	13 41 35.3	+0.7
534A	Blanco	128.79	56	P	PKPdf	13 41 35.6	+0.7
V36A	Jenney	128.79	49	P	PKPdf	13 41 35.7	+1.0
P38A	Dawn	128.83	43	P	PKPdf	13 41 35.4	+0.7
W36A	Wetumka	128.83	49	P	PKPdf	13 41 36.4	+1.5
TUL1	Tulsa	128.85	48	P	PKPdf	13 41 35.7	+0.9
X36A	Derby Farms, D	128.90	41	P	PKPdf	13 41 34.8	0.0
N39A	Centrahoma	128.95	50	P	PKPdf	13 41 35.9	+0.9
T37A	Cheneyville 18	128.99	47	P	PKPdf	13 41 35.7	+0.7
Q38A	Cooks Store, C	129.08	44	P	PKPdf	13 41 35.4	+0.2
U37A	Salina	129.15	48	P	PKPdf	13 41 36.2	+0.8
R38A	Ferret Farm,	129.24	45	P	PKPdf	13 41 35.5	0.0
JFWS	Jewell Farm	129.25	38	ePKIKP	PKPdf	13 41 35.8	+0.4
JFWS	Jewell Farm	129.25	38	ePKIKP	PKPdf	13 41 35.8	+0.4
Y36A	Durant	129.25	51	P	PKPdf	13 41 36.6	+0.9
335A	Moody	129.26	55	P	PKPdf	13 41 36.7	+1.0
V37A	Hulbert	129.34	48	P	PKPdf	13 41 36.4	+0.6
PLCA	Paso Flores	129.36	160	PKP	PKPdf	13 41 36.9	+1.1
PLCA	comp=Z,12nm,1.1s,baz=232,slow=3.5,SNR=9.2			SKPbc	SKPbc	13 44 42.9	-0.1
P39A	Salisbury	129.42	43	P	PKPdf	13 41 36.3	+0.5
Q39A	Willow Grove F	129.48	44	P	PKPdf	13 41 35.9	0.0
U38A	Gravette	129.66	47	P	PKPdf	13 41 37.1	+0.7
X37A	Clayton	129.69	50	P	PKPdf	13 41 37.9	+1.4
R39A	Chumby, Stover	129.78	44	P	PKPdf	13 41 37.0	+0.5
SCHO	Schefferville	129.89	13	PKP	PKPdf	13 41 37.0	+0.8
SCHO	comp=Z,8.7nm,1.0s,baz=225,slow=1.4,SNR=2.7			SKPbc	SKPbc	13 44 42.9	-1.7
V38A	Canehill	129.89	48	P	PKPdf	13 41 37.4	+0.5
X38A	Whitesboro	130.07	49	P	PKPdf	13 41 38.3	+1.1
Q40A	Laux Farm, Aux	130.12	43	P	PKPdf	13 41 37.2	+0.1
636A	Smothers Creek	130.13	57	P	PKPdf	13 41 39.6	+2.2
W38A	Laurel	130.14	49	P	PKPdf	13 41 38.3	+1.0
R40A	Maddies Statio	130.33	44	P	PKPdf	13 41 37.7	+0.2
537A	Green Hill Far	130.55	56	P	PKPdf	13 41 40.9	+2.7
MIAR	Mount Ida	131.06	49	ePKIKP	PKPdf	13 41 40.1	+1.0
MIAR	Mount Ida	131.06	49	P	PKPdf	13 41 40.6	+1.5
MIAR	Mount Ida	131.06	49	ePKIKP	PKPdf	13 41 40.1	+1.0
CCM	Cathedral Cave	131.15	44	ePKIKP	PKPdf	13 41 36.9	-2.2
CCM	Cathedral Cave	131.15	44	ePKIKP	PKPdf	13 41 36.9	-2.2
KIC	Kosan Boka	135.09	273	ePKP1	SKPbc	13 45 01.1	-3.0
KIC	Kosan Boka	135.09	273	eP	PKPdf	13 41 46.7	-0.5
ACSO	Alum Creek Sta	135.21	36	ePKIKP	PKPdf	13 41 42.7	+0.5
DBIC	Poteau	135.21	273	PKHPK	PKPpre	13 41 38.0	
DBIC	comp=Z,2.2nm,0.7s,baz=146,slow=4.6,SNR=4.7			PKIKP	PKIKP	13 41 48.4	-0.6
DBIC	comp=Z,8.5nm,0.6s,baz=87,slow=3.3,SNR=18			SKPbc	SKPbc	13 45 02.1	-2.4
DBIC	comp=Z,26nm,0.7s,baz=79,slow=3.0,SNR=42			SKPbc	SKPbc	13 45 01.9	-3.1
LIC	Lamto	135.36	272	ePKP1	PKPdf	13 41 41.8	+0.5
LIC	Lamto	135.36	272	eP	PKPdf	13 41 41.8	+0.5
TIC	Toumudi	135.38	273	ePKP1	SKPbc	13 45 02.3	-2.8
TIC	Toumudi	135.38	273	eP	PKPdf	13 41 48.9	+0.2
LRAL	Lakeview Retre	136.63	47	ePKIKP	PKPdf	13 41 49.8	+0.2
SSPA	Standing Stone	137.79	32	ePKIKP	PKPdf	13 41 51.7	+0.3
JTS	JuntasAbangare	145.18	81	ePKIKP	PKPab	13 42 05.6	0.0
JTS	JuntasAbangare	145.18	81	ePKIKP	PKPab	13 42 05.5	0.0
LVC	Limon Verde	145.66	148	ePKIKP	PKPab	13 42 07.8	+0.4
CPUP	Comp Florida	146.63	168	PKP2	PKPdf	13 42 08.3	+0.7
CPUP	comp=Z,6.1nm,0.9s,baz=192,slow=2.4,SNR=77			SKPbc	SKPbc	13 45 32.5	-1.6
CPUP	comp=Z,35nm,1.0s,baz=191,slow=0.6,SNR=12			PKP2	PKPdf	13 42 08.3	+0.7
CPUP	comp=Z,6.1nm,0.9s			pmax	pmax	13 45 32.5	
CPUP	comp=N,35nm,1.0s			pmax	pmax		
NNA	Nana	147.58	124	PKPbc	PKPbc	13 42 11.2	-1.2
NNA	comp=N,62nm,0.9s,baz=253,slow=5.7,SNR=23			PKPbc	PKPbc	13 42 09.2	-0.4
NNA	Nana	147.58	124	ePKIKP	PKPdf	13 42 09.2	-0.4
NNA	Nana	147.58	124	ePKIKP	PKPdf	13 42 11.2	-1.2
ATAH	Atahualpa	148.57	115	PKPbc	PKPbc	13 42 14.0	-1.4
BCIP	Isla Barro Col	150.27	83	ePKIKP	PKPdf	13 42 14.2	+0.4
BCIP	Isla Barro Col	150.27	83	ePKIKP	PKPbc	13 42 19.4	+0.3
LPAZ	La Paz	151.11	142	PKPbc	PKPbc	13 42 17.1	+1.3
LPAZ	comp=N,8.6nm,1.1s,baz=32,slow=1.5,SNR=29			PKPbc	PKIKP	13 42 23.5	+1.2
LPAZ	comp=N,43nm,1.0s,baz=258,slow=1.5,SNR=70			PKPab	PKPab	13 42 30.7	+0.9
LPAZ	comp=N,52nm,0.9s,baz=227,slow=3.6,SNR=35			PKPbc	PKPbc	13 42 17.1	+1.3
LPAZ							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WARRAMA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TXAR Lajitas Array, PDAR Pinedale Array, GERES GERRS Array B.

IDC 17 19:56:57.1.5,0.98N,123.63E,h0km,mb3.5/4, mb1 3.8/5,mb1mx3.4/44,mbtmp3.6/5,ML3.9/1,Error ellipse: s-maj=138.1km s-min=22.2km az=64.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

IDC 17 20:22:33.2.999.0,27.78N,103.63E,h0km,Error ellipse: s-maj=578.8km s-min=242.5km az=11.0,Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I34MN SONGINO INFRAS, I45RU USSURIYSK INFR, I30JP ISUMI INFRASION.

PGC 17 20:27:09.3.0.8,58.81N,137.57W,h15km,ML2.0/6, 122km East of Yakutat, Ak Southeastern Alaska, Southern Eastern Alaska,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLBC Pleasant Camp, PNL Peninsula, YUK7 Dusty Glacier, PCA Pinnacle, HYT Haines Junctio, YUK6 Outpost Mounta, WHY Whitehorse, YUK5 Granite Creek, YUK4 Talbot Arm.

ISCJB 17 20:34:19.1.0.4,17.37S,0.05:71.30W,0.08,h35km, mb4.5/20,MS3.4/2,Error ellipse: s-maj=11.3km s-min=4.8km az=153.0

GUC 17 20:34:22.0.6.1,7.92S:71.54W,h23km,6km,ML4.5 IDC 17 20:34:23.0.0.5,17.50S:71.12W,h58km,3km,mb4.0/12, mb1 4.1/15,mb1mx3.9/39,mbtmp4.3/15,MS3.3/4, Ms1 3.3/4,ms1mx2.9/36,Error ellipse: s-maj=18.9km s-min=11.4km az=110.0

NEIC 17 20:34:24.4.0.9,17.48S:71.10W,h72km,7km,mb4.8/10, Error ellipse: s-maj=12.4km s-min=8.0km az=50.0

NEIC Felt [I] at Punta de Bombon and [II] at Arequipa and Ilo. Felt [II] at Arica, Chile.

ISC 17 20:34:21.8.0.5,17.55S:0.05:71.27W,0.09,h35km,n54, e2152/56,mb4.7/20,1D,Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARE Arequipa, ARE Arequipa, MNMC Minimini, PSGC Pisagua, PB11 IPOC Station P, HBMC Humberstone, LPAZ La Paz, LPAZ Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Nana, NNA Nana, NNA Nana, NNA Nana, LCO San Ignacio, SIV Las Campanas, SAMP Samuel, CPUP Villa Florida, CPUP Pitinga, BDFB Brasilia, BDFB Paso Flores, PLCA Paso Flores, PLCA Paso Flores, SWET Sewanee, MIAR Mount Ida, MNTX Coronados Mount, SADO Sadowa, SDCO Great Sand Dun, MSU Marysvalle, DUG Dugway, PDAR Pinedale Array, DBIC Dimbokro, DBIC Dimbokro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBIC Hansel Valley, ULM Lac du Bonnet, ULM Elko, NVAR Mina Array Bea, NVAR South Pole Qui, ORV Oroville, TORO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr, EDM Edmonton, ESDC Sonsea Array, ESDC Sonsea Array, YKA Yellowknife Arr, YKA Yellowknife Arr, MAW Mawson, H11N3 WAKE ISLAND Hy25.06 282 T, H11S2 WAKE ISLAND Hy25.07 282 T, H11N2 WAKE ISLAND Hy25.07 282 T, H11N1 WAKE ISLAND Hy25.08 282 T, H11S1 WAKE ISLAND Hy25.08 282 T, H11S3 WAKE ISLAND Hy25.09 281 T, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, USRK USSuriysk Ar., MJAR Matushiro Arr, MJAR Matushiro Arr, MAJO Matushiro, MAJO Matushiro, MAT Matushiro, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array.

ISCJB 17 20:41:52.3.1.3,26.2S:0.1:179.5E,0.2,h495km,mb3.7/6, Error ellipse: s-maj=23.7km s-min=12.6km az=166.7

IDC 17 20:41:55.5.1.7,26.33S:179.41E,h523km,24km,mb3.6/6, mb1 3.4/8,mb1mx3.1/38,mbtmp4.2/8,Error ellipse: s-maj=36.5km s-min=20.3km az=176.0

ISC 17 20:41:53.0.1.2,26.3S:0.1:179.5E,0.2,h495km,n10, e075/10,mb3.7/6,South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, URZ Urewera, DZM Mont Dzumac, CTA Charta Tower, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, SIJ Siroya, NVAR Mina Array Bea, HFS Hagfors.

ISCJB 17 20:48:29.8.0.6,4.57S:0.06:144.46E,0.07,h100km, mb3.9/9,Error ellipse: s-maj=11.4km s-min=6.4km az=143.0

IDC 17 20:48:29.6.3.0,4.54S:144.37E,h82km,28km,mb3.8/9, mb1 4.0/12,mb1mx3.7/35,mbtmp4.2/12,MS2.9/3, Ms1 2.8/3,ms1mx2.5/21,Error ellipse: s-maj=21.3km s-min=11.7km az=52.0

AUST 17 20:48:37.4.7.3,36S:144.05E,h200km

ISC 17 20:48:31.5.0.7,4.57S:0.06:144.43E,0.09,h100km,n36, e195/36,mb3.9/9,Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, GENI Geymen, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, COEN Coen, FAKI Fak Fak, MTSU Mount Surprise, SIJ Siroya, KDU Kakua, MTN Mantion Dam, CTA Charta Tower, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, EIDS Eidsvoll, RQP Roma, RQP Roma, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRKA Warakurna, STKA Stephens Creek, DZM Mont Dzumac, MEEK Meekatharra, KMBL Kambalda, BLDU Ballidu, NWAO Narrogin (SRO), KORS Korea Array, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, BVAR Borovoye Array, ILAR Eielson Array, LPAZ La Paz, TORO Torodi Arr, SIV San Ignacio, DBIC Dimbokro.

ISK 17 20:55:54.4.0,40.09N:35.69E,h2km,MD2.8

ISCJB 17 20:55:55.7.0.7,40.09N:0.06:35.68E,0.04,h11km,Error ellipse: s-maj=7.9km s-min=4.2km az=0.8

DDA 17 20:55:55.4.0,40.07N:35.67E,h7km,MD2.6

CSEM 17 20:55:55.4.0,40.07N:35.68E,h2km,MD2.8,Error ellipse: s-maj=5.5km s-min=3.3km az=171.0

ISC 17 20:55:54.9.0.9,40.08N:0.05:35.67E,0.03,h11km,n21, e045/23,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOZ Yozgat, YOZ Yozgat, YUZ Yuzgat, CORM Corum, CORM Corum, CUSAR Sarkisla-SIVAS, CUSAR Sarkisla-SIVAS, HAVZ Havza, HAVZ Havza, SVSK Karacayir, SVSK Karacayir, SVSK Karacayir, CDAG Cicekdag, CDAG Cicekdag, SCER sogukcermik, SCER sogukcermik, BNN Bunyan, BNN Bunyan, YAYX Yaylak, YAYX Yaylak, GULA Gulagac, GULA Gulagac, AFSR Af ar-Bala (A), AFSR Af ar-Bala (A).

GUC 17 20:56:40.7.0.3,31.39S:68.86W,h174km,24km,ML5.2

IDC 17 20:56:42.0.0.4,31.46S:68.60W,h117km,2km,mb4.2/15, mb1 3.4/18,mb1mx4.2/34,mbtmp4.6/18,MS3.2/1, Ms1 3.2/1,ms1mx2.6/25,Error ellipse: s-maj=14.6km s-min=12.3km az=70.0

ISCJB 17 20:56:41.1.0.2,31.44S:0.03:68.63W,0.04,h121km,1km, mb4.6/55,Error ellipse: s-maj=5.4km s-min=3.9km az=29.0

SJA 17 20:56:41.2.1.1,31.48S:68.69W,h117km,5km,ML4.3, MW4.1

NEIC 17 20:56:42.1.0.2,31.43S:68.49W,mb4.7/46,MD4.5(SJA), Error ellipse: s-maj=8.7km s-min=5.7km az=66.0

NEIC Felt [V] at San Juan and [III] at Mendoza. Also felt at La Rioja and San Martin.

BUI 17 20:56:43.4.1,31.40S:68.50W,h114km

ISC 17 20:56:41.9.0.3,31.46S:0.03:68.63W,0.04,h117km,2km, h116km:p-P,n385,e099/453,mb4.6/55,SD,San Juan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA San Juan, SJA San Juan, SJA San Juan, RTLL Cerro Villucun, RTLL Cerro Villucun, RTLL Cerro Villucun, RTLL Cerro Villucun, RTLL Cerro Villucun, AMOG Mogna, AMOG Mogna, RTLS Leoncito, RTLS Leoncito, RTLS Leoncito, AVFE Valle Fertil, AVFE Valle Fertil, AVFE Valle Fertil, AVFE Valle Fertil, ARCO Cerro Arco, ARCO Cerro Arco, ARCO Cerro Arco, ACAN Cantantial, ACAN Cantantial, ACAN Cantantial, AAGR Agrelo, AGUA GUANDACOL, TLL Tololo Astron, TLL Tololo Astron, PEL Peldehue, PEL Peldehue, PEL Peldehue, CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan, ROCH El Roble, ROCH El Roble, ROCH El Roble, MRA San Martin, MRA San Martin, MRA San Martin, ANTU Antumapu.

ANTU		eS	Sn	20 57 57.3	+0.6
ANTU		AML	AML	20 57 58.6	
RCDM	Rinconada Maip	2.73 222	eP	20 57 24.6	0.0
RCDM			eS	20 57 58.0	+0.6
RCDM			AML	20 57 59.1	
VCA	Vinchina	2.74 8	eP	20 57 25.5	+0.7
VCA			eS	20 57 56.2	-1.6
LCO	Las Campanas	3.03 323	eP	20 57 27.2	-1.5
LCO			eS	20 58 03.0	-1.8
LCO	Las Campanas	3.03 323	eP	20 57 28.2	-0.5
LCO			eS	20 57 58.9	-5.9
LCO	Las Campanas	3.03 323	eP	20 57 27.9	-0.8
LCO			eS	20 57 58.6	-6.1
TRQA	Tornquist	8.55 142	eP	20 58 11.7	-1.1
TRQA			eS	20 58 13.3	-4.3
LVC	Limon Verde	8.22 358	P	20 51 00.8	-2.9
LVC			S	21 00 16.8	-7.7
PLCA	Paso Flores	9.38 189	P	20 58 52.5	-1.5
PLCA			Pn	20 58 52.4	-1.7
CPUP	Villa Florida	11.14 66	eP	20 59 13.5	-4.3
CPUP			Pn	20 59 13.5	-4.3
CPUP	La Paz	15.11 2	P	20 59 08.2	-1.7
CPUP			Pn	21 03 01.6	+4.2
LPZA	La Paz	15.11 2	eP	21 00 07.8	-2.1
LPZA			S	21 03 01.6	+4.2
LPZA			S	21 00 31.2	+0.1
SIV	San Ignacio	16.87 26	eP	21 01 03.8	-3.2
SIV			sP	21 01 03.8	-3.2
SIV			sP	21 07 12.6	
SIV			LR	21 01 08.9	-0.1
SPB	Sao Paulo	20.35 73	eP	21 01 14.0	-0.1
SPB			P	21 01 13.6	-0.5
NNA	Nana	20.81 337	P	21 01 21.0	-1.6
NNA			P	21 01 36.2	-0.2
NNA			P	21 01 50.2	-0.6
EPI	East Falkland	21.64 162	eP	21 02 16.0	+0.3
EPI			P	21 01 49.9	-0.9
SAML	Sarmuel	22.97 14	eP	21 02 16.0	+0.3
SAML			P	21 01 49.9	-0.9
BDFB	Brasilia	24.53 55	P	21 02 16.0	+0.3
BDFB			P	21 01 49.9	-0.9
BDFB			pP	21 02 16.0	+0.3
BDFB			pP	21 01 49.9	-0.9
BDFB			pP	21 02 16.0	+0.3
BDFB			pP	21 01 49.9	-0.9
PTGA	Pitinga	31.64 17	pP	21 03 19.8	+0.1
PTGA			pP	21 02 53.1	-1.0
PTGA			pP	21 03 19.8	+0.1
PTGA			pP	21 02 53.1	-1.0
PTGA			pP	21 03 19.8	+0.1
PTGA			pP	21 02 53.1	-1.0
PTGA			pP	21 03 19.8	+0.1
PTGA			pP	21 02 53.1	-1.0
FDF	Fort de France	46.49 10	P	21 05 17.4	-1.5
FDF			P	21 05 34.1	+5.4
FDF			P	21 05 38.8	+5.5
CEL	Cerrillos	49.29 3	eP	21 05 48.3	+3.1
CEL			P	21 05 44.1	-1.2
VNA3	Neumayer Olymp	50.66 159	P	21 05 28.3	+0.8
VNA3			P	21 07 05.2	+1.4
VNA3			P	21 07 08.3	+1.3
VNA3			P	21 07 09.8	+1.1
VNA3			P	21 07 12.2	+1.0
VNA3			P	21 07 14.6	+1.3
VNA3			P	21 07 14.7	+1.4
VNA3			P	21 07 15.4	+1.2
VNA3			P	21 07 18.2	+0.5
VNA3			P	21 07 19.9	+0.9
VNA3			P	21 07 22.2	+0.8
VNA3			P	21 07 24.1	+1.7
VNA3			P	21 07 21.6	-1.1
VNA3			P	21 07 24.2	+0.8
VNA3			P	21 07 26.4	+1.1
VNA3			P	21 07 26.7	+1.0
VNA3			P	21 07 27.1	+0.6
VNA3			P	21 07 27.6	+1.0
VNA3			P	21 07 27.7	+1.0
VNA3			P	21 07 27.1	+0.3
VNA3			P	21 07 28.9	+0.6
VNA3			P	21 07 29.3	+0.7
VNA3			P	21 07 29.6	+0.6
VNA3			P	21 07 30.5	+0.2
VNA3			P	21 07 31.4	+0.7
VNA3			P	21 07 30.9	+0.3
VNA3			P	21 07 31.7	+0.9
VNA3			P	21 07 32.2	+0.8
VNA3			P	21 07 33.1	+0.4
VNA3			P	21 07 33.9	+1.0
VNA3			P	21 07 33.5	+0.3
VNA3			P	21 07 34.3	+0.5
VNA3			P	21 07 35.4	+0.6
VNA3			P	21 07 35.5	+0.5
VNA3			P	21 08 05.1	+1.1
VNA3			P	21 07 35.5	+0.5
VNA3			P	21 07 35.6	+0.3
VNA3			P	21 07 37.0	+0.3
VNA3			P	21 07 36.8	+0.1
VNA3			P	21 07 37.1	+0.5
VNA3			P	21 07 38.0	+0.2
VNA3			P	21 07 37.9	0.0
VNA3			P	21 07 38.2	+0.3
VNA3			P	21 07 37.5	-0.7

330A	Mertzton	69.72 331	P	21 07 39.4	+0.2
MIAR	Mount Ida	69.73 338	P	21 07 39.3	+0.2
231A	Bronze	69.83 332	P	21 07 40.1	+0.3
133A	Hamilton Ranch	69.86 333	P	21 07 40.7	+0.7
Z35A	Perchavan, San	69.88 335	P	21 07 40.4	+0.4
Y37A	Hugo	69.89 336	P	21 07 40.7	+0.7
Y36A	Durant	70.05 336	P	21 07 41.9	+0.9
ABTX	Abilene, Hawle	70.16 332	P	21 07 42.6	+0.8
Z34A	Collier Ranch,	70.16 334	P	21 07 42.4	+0.6
X38A	Whitesboro	70.25 337	P	21 07 42.7	+0.4
X37A	Clayton	70.36 337	P	21 07 43.7	+0.8
Z33A	Whitaker Ranch	70.41 333	P	21 07 43.7	+0.5
131A	Roby	70.50 332	P	21 07 44.2	+0.3
W38A	Poteau	70.52 338	P	21 07 44.5	+0.7
X30A	Snyder	70.67 331	P	21 07 45.2	+0.3
X36A	Centrahoma	70.68 336	P	21 07 44.8	-0.1
Z32A	Haskell	70.70 333	P	21 07 45.4	+0.3
X35A	Drake	70.74 335	P	21 07 45.5	+0.3
PBMO	Poplar Bluff	70.89 342	eP	21 07 45.9	-0.1
Z31A	Sharp Cattle R	70.97 332	P	21 07 46.9	+0.2
W36A	Wetumka	71.15 336	P	21 07 47.6	-0.1
V38A	Canehill	71.21 338	P	21 07 48.2	+0.2
LIC	Lomto	71.23 70	ePKP1	21 07 51.1	+2.4
X34A	Smith Ranch, M	71.23 335	P	21 07 49.0	+0.8
Z30A	Sanderson Ranc	71.34 332	P	21 07 49.0	0.0
X33A	Lawton	71.42 334	P	21 07 49.4	0.0
V37A	Hulbert	71.46 338	P	21 07 49.8	+0.2
TIC	Toumudi	71.48 70	ePKP1	21 07 50.0	-0.2
KIC	Kosan Boka	71.54 70	ePKP1	21 07 50.5	0.0
Y31A	Rekieta Farm,	71.58 333	P	21 07 50.8	+0.4
DBIC	Dimbokro	71.63 70	P	21 07 51.2	+0.2
DBIC			pP	21 08 20.5	+0.4
DBIC			sP	21 08 32.6	-0.1
DBIC			sP	21 07 51.0	-0.1
DBIC			pP	21 08 20.5	+0.4
DBIC			sP	21 08 32.6	-0.1
V36A	Jenks	71.64 337	P	21 07 50.8	+0.2
TUL1	Tulsa	71.70 337	P	21 07 51.2	+0.2
U38A	Gravette	71.73 338	P	21 07 51.1	-0.1
Y30A	Stafford Catti	71.76 332	P	21 07 51.6	+0.1
MNTX	Cornudas Mount	71.82 328	eP	21 07 51.7	-0.1
MNTX			eP	21 07 51.1	-0.7
V35A	Meyer Ranch, C	71.92 336	P	21 07 52.4	+0.1
U37A	Salina	71.93 338	P	21 07 52.6	+0.2
W33A	Caddo, Fort Co	71.96 335	P	21 07 53.2	+0.6
X31A	McDonald Ranch	72.06 333	P	21 07 53.4	+0.2
W32A	Sentinel	72.22 334	P	21 07 54.9	+0.7
V34A	Guthrie	72.23 336	P	21 07 54.5	+0.4
X30A	Coker Ranch, T	72.25 332	P	21 07 54.9	+0.5
CCM	Cathedral Cave	72.31 341	eP	21 07 51.8	-2.7
U35A	Pawnee	72.44 336	P	21 07 56.0	+0.7
V33A	Loosen Ranch,	72.49 335	P	21 07 56.1	+0.4
T37A	Cheneyville 18	72.53 338	P	21 07 56.0	+0.1
W31A	Holland Ranch,	72.54 333	P	21 07 56.3	+0.2
AC30	Alum Creek Sta	72.56 349	eP	21 07 55.3	-0.7
MSTX	Muleshoe	72.61 331	P	21 07 56.5	-0.1
MSTX			eP	21 07 56.2	-0.4
U34A	Anderson Ranch	72.77 336	P	21 07 57.5	+0.2
R36A	Boggs Farm, Ca	72.78 337	P	21 07 57.3	0.0
R40A	Maddies Statio	72.81 341	P	21 07 57.5	0.0
T35A	Sooner Cattle	72.86 337	P	21 07 58.4	+0.5
AMTX	Amarillo	72.95 332	P	21 07 58.7	+0.1
U33A	Lingo Farm, Me	72.97 335	P	21 07 58.6	0.0
V31A	Spring Creek L	73.02 334	P	21 07 59.0	+0.1
R39A	Chumby, Stover	73.05 340	P	21 07 59.3	+0.4
T34A	McClaskey Farm	73.18 336	P	21 07 59.7	-0.1
R38A	Fenwick Farm,	73.19 339	P	21 07 59.6	-0.1
S36A	Lake Cedric, C	73.29 338	P	21 08 00.3	0.0
V30A	Spur Ranch, Mi	73.33 333	P	21 08 00.8	0.0
Q40A	Laux Farm, Aux	73.41 341	P	21 08 00.9	-0.1
S35A	Otter Creek Ra	73.49 337	P	21 08 01.6	+0.1
SUR	Sutherland	73.51 118	eP	21 08 03.3	+1.0
R37A	Teagarden Farm	73.59 339	P	21 08 02.0	-0.2
T33A	Patterson Ranc	73.60 336	P	21 08 03.0	+0.8
121A	Cookes Peak, D	73.63 326	P	21 08 03.2	+0.5
R34A	Willow Spring	73.77 337	P	21 08 03.2	+0.1
S36A	Gordon, Harris	73.81 338	P	21 08 03.2	-0.2
Q38A	Cooks Store, C	73.82 340	P	21 08 03.5	0.0
T32A	Hudler Ranch,	73.93 335	P	21 08 04.2	0.0
U30A	WK&E Inc. Balk	73.99 334	P	21 08 05.1	+0.5
R35A	Emporia Municip	74.03 338	P	21 08 04.9	+0.2
P39A	Salisbury	74.06 341	P	21 08 04.5	-0.4
HDIL	Hopedale	74.17 344	P	21 08 04.7	-0.7
R34A	Isabella, Hill	74.36 337	P	21 08 06.5	-0.1
P38A	Dawn	74.41 340	P	21 08 07.2	+0.4
Q35A	Mercer Eighty,	74.47 338	P	21 08 07.4	+0.2

LPM	Los Pinos Moun	74.58 328	eP	21 08 08.9	+0.7
R33A	Olander Ranch	74.61 336	P	21 08 08.4	+0.3
MAW	Macon	74.77 163			

17d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like K28A Ten Mile Ranch, J29A Okreek, and many others.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like K05A Summer Lake, SLMT Seeley Lake, and many others.

744

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RSO Redoubt South, MVCO Mesa Verde, and many others.

Technical notes and coordinates for various stations, including:
IDC 17 21:11:21.6:0.6, 57.90S:25.46W, h0km, mb4.4/7,
ms1 4.4/7, mb1mx4.0/22, mbtmtp4.3/7, MS3.2/1, Ms1 3.1/1,
ms1mx2.7/26, Error ellipse: s-maj=30.7km s-min=19.4km
az=89.0
ISCJB 17 21:11:21.6:0.6, 57.9S:0.1x25.5W:0.3, h49km, mb4.3/8,
MS3.2/1, Error ellipse: s-maj=25.9km s-min=12.6km
az=159.2
NEIC 17 21:11:21.2:1.2, 57.94S:25.45W, h38km, 21km, mb4.0/2,
Error ellipse: s-maj=17.5km s-min=10.7km az=61.0
ISC 17 21:11:28.3:0.6, 58.0S:0.1x25.4W:0.2, h49km, n26,
0.0972/22, mb4.3/8, South Sandwich Islands region

IDC 17 21:33:45.8:0.7, 38.11N:20.46E, h0km, mb4.0/15,
mb1 4.0/27, mb1mx3.9/46, mbtmtp3.9/27, ML3.5/11, MS2.8/1,
MS1 2.8/1, ms1mx2.2/55, Error ellipse: s-maj=13.3km
s-min=12.7km az=178.0
PDG 17 21:33:48.2:0.7, 38.12N:20.26E, h12km, 1km, ML3.9/12,
Error ellipse: s-maj=1.3km s-min=0.6km az=0.0
ATH 17 21:33:48.2, 38.09N:20.36E, h16km, 1km, MD3.7/28,
ML3.7

NEIC 17 21:33:48.2, 38.09N:20.36E, h16km, mb4.0/2,
ML3.7(ATH), ML3.9(TH), ATTH, ATH.
THE 17 21:33:48.6, 38.10N:20.34E, h0km, 2km, ML3.9/7, Error
ellipse: s-maj=2.1km s-min=0.8km az=229.0
CSEM 17 21:33:48.3:0.1, 38.07N:20.30E, h10km, MD3.7, Error
ellipse: s-maj=4.1km s-min=2.4km az=36.0
ISCJB 17 21:33:48.3:0.5, 38.09N:0.02:20.26E:0.2, h23km, 3km,
mb4.0/17, Error ellipse: s-maj=3.9km s-min=2.3km
az=41.2

ISC 17 21:02:51.4:0.5, 15.96S:0.10x174.07W:0.09, h15km,
n35, +158/33, mb4.3/24, T10a Islands

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VLS Valsamata, VLS Valsamata, KFL Anninata, and many others.

Table with columns for station name, frequency, and other parameters. Includes stations like DSL, ART, Artemida-Makis, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like SOH, OUR, Ouranopolis, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like AKASG, ELAT, KVAR, etc.

17d 21h

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like CCHI, VLCH, VLCH, PLCA, PASO FLORES, etc.

BGR 17 21:36:53.7, 23:47:53.179:06W, h33km
ISCJB 17 21:37:58.0, 0.2, 22:33S, 0:05:179:56W, 0:06, h600km,
mb4.5/39, Error ellipse: s-maj=8.0km s-min=5.8km
az=23.8
BUJ 17 21:37:59.4, 22:06S:179:06W, h614km, mb4.5/21,
mb4.9/13
IDC 17 21:38:00.2, 2.2, 22:27S:179:62W, h603km, 25km,
mb3.5/11, mb1.3/8.13, mb1mx3.6/28, mbtmp4.5/13, Error
ellipse: s-maj=22.5km s-min=12.2km az=153.0
NEIC 17 21:38:00.3, 1.2, 22:35S:179:54W, h611km, 13km,
mb4.7/35, Error ellipse: s-maj=10.5km s-min=7.8km
az=50.0
AUST 17 21:38:03.3, 21:22:09S:179:02E, h491km, Error ellipse:
s-maj=2.6km s-min=1.4km az=297.0
ISC 17 21:37:59.5, 0.5, 22:27S:0:08:179:52W, 0:08, h600km,
n155, r15/160, mb4.6/39, 20C-9D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like DZM, DZM, URZ, URZ, URZ, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like CNB, CTAO, CMAO, QLP, TOO, MTSU, etc.

746

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like MKAR, VOSK, KBL, ZRNK, ARU, etc.

IDC 17 21:41:38.0, 6.7, 31:03S:178:59W, h0km, mb3.6/2,
mb1.3/8.2, mb1mx3.6/21, mbtmp3.6/2, MS3.2/1, Ms1.3/2.1,
ms1mx2.5/28, Error ellipse: s-maj=270.7km
s-min=62.0km az=156.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like ASAR, WRA, GUMO, etc.

Table with columns: Code, Station Name, Az, El, P, M, Res, Time, Res. Includes stations like URZ, EIDS, CTA, etc.

CPCT	Cooper Cave	45.48 345	eP	P	22 21 54.8	-0.9
CPCT			ePcP	PcP	22 23 21.9	-0.4
TKL	Tuckaleechee C	45.49 346	eP	P	22 21 55.0	-0.7
TKL	Tuckaleechee C	45.49 346	eP	P	22 21 55.0	-0.7
833A	Chaparral WMA	45.51 325	P	P	22 21 56.1	+0.1
536A	Bastrop	45.61 328	P	P	22 21 57.1	+0.4
SWET	Sewanee	45.64 343	eP	P	22 21 55.6	-1.3
SWET			ePcP	PcP	22 23 22.4	-0.5
634A	China Grove, S	45.74 327	P	P	22 21 57.9	+0.2
437A	Phantom Ranch,	45.75 330	P	P	22 21 58.5	+0.7
733A	Divot King Ran	45.76 325	P	P	22 21 57.5	-0.3
338A	Crockett	45.78 331	P	P	22 21 58.4	+0.5
NATX	Nacogdoches	45.81 332	P	P	22 21 58.4	+0.2
NATX	Nacogdoches	45.81 332	eP	P	22 21 58.2	0.0
NATX			ePcP	PcP	22 23 24.6	+1.0
832A	Faith Ranch, C	45.82 324	P	P	22 21 58.4	0.0
535A	Dale	45.84 328	P	P	22 21 58.4	0.0
239A	Gary	45.94 333	P	P	22 21 59.5	+0.3
337A	Centerville	46.02 331	P	P	22 22 00.7	+0.8
436A	Wall Ranch, Ga	46.03 329	P	P	22 22 00.3	+0.4
OXF	Oxford	46.08 339	eP	P	22 21 58.2	-2.0
OXF			eP	Pmax		
OXF			eP	Pmax	22 21 58.2	-2.0
732A	Laxson Ranch,	46.15 325	P	P	22 22 01.0	+0.1
238A	Jacksonville	46.23 332	P	P	22 22 01.7	+0.3
633A	Saathoff Ranch	46.26 326	P	P	22 22 01.9	+0.2
VWCC	Virginia Weste	46.27 351	eP	P	22 22 01.5	0.0
BLA	Blacksburg	46.30 350	eP	P	22 22 02.0	+0.1
BLA			e	Pmax	22 23 25.4	
BLA			e	Pmax	22 22 02.0	+0.1
BLA			ePcP	PcP	22 23 25.4	+0.1
534A	Blanco	46.32 327	P	P	22 22 01.6	-0.5
JSRW	J. Sargeant Re	46.41 353	eP	P	22 22 02.8	+0.2
435B	Jarrell	46.44 329	P	P	22 22 03.2	+0.2
139A	Bunkhouse Ran	46.46 333	P	P	22 22 03.3	+0.2
237A	Washetta, Mont	46.45 331	P	P	22 22 04.2	+0.4
336A	Riesel	46.55 330	P	P	22 22 04.0	+0.2
632A	Uvalde	46.63 325	P	P	22 22 05.0	+0.4
533A	Kerrville	46.65 327	P	P	22 22 04.4	-0.3
335A	Moody	46.76 329	P	P	22 22 05.6	+0.2
138A	Matatal Enter	46.76 332	P	P	22 22 06.1	+0.8
434A	Burne	46.82 328	P	P	22 22 05.3	-0.6
239A	Irene McRaven,	46.85 334	P	P	22 22 06.2	+0.2
CBN	Corbin	46.86 354	eP	P	22 22 05.4	-0.6
CBN			ePcP	PcP	22 23 27.5	+0.3
236A	Katherine and	46.90 331	P	P	22 22 06.8	+0.4
631A	Perdido Creek	47.01 325	P	P	22 22 07.0	-0.3
137A	Heron Place, G	47.02 332	P	P	22 22 08.0	+0.7
WVT	Waverly	47.05 342	eP	P	22 22 05.5	-2.0
WVT			e	Pmax	22 23 27.1	
WVT			e	Pmax	22 22 05.5	-2.0
WVT			ePcP	PcP	22 23 27.1	-0.8
532A	Rocksprings	47.17 326	P	P	22 22 08.7	+0.1
Z38A	Mt. Pleasant	47.21 333	P	P	22 22 08.7	-0.1
433A	Art	47.21 327	P	P	22 22 08.6	-0.3
334A	Lometa	47.22 328	P	P	22 22 08.5	-0.3
136A	Ennis	47.28 331	P	P	22 22 09.5	+0.2
HALT	Halls	47.33 340	eP	P	22 22 08.5	-1.1
WHTX	Lake Whitney	47.35 330	P	P	22 22 09.8	+0.0
WHTX	Lake Whitney	47.35 330	eP	P	22 22 10.0	+0.2
WHTX	Junction City	47.39 326	ePcP	PcP	22 23 29.4	+0.3
JCT			e	Pmax	22 22 09.7	-0.5
JCT			e	Pmax	22 22 09.7	-0.5
JCT			eP	P	22 22 09.7	-0.5
Y39A	Lockesburg	47.40 334	P	P	22 22 09.7	-0.5
UALR	University of	47.41 337	eP	P	22 22 09.0	-1.1
237A	Pogue Cattle C	47.46 332	P	P	22 22 10.9	+0.3
531A	Rocksprings	47.46 325	P	P	22 22 11.6	+0.1
333A	Richland Sprin	47.60 328	P	P	22 22 11.3	-0.5
GNAR	Gosnell	47.61 340	eP	P	22 22 10.3	-1.3
GLAT	Glass	47.64 340	eP	P	22 22 10.3	-1.5
432A	Idabel	47.67 334	P	P	22 22 11.5	-0.7
Y38A	Menard	47.69 327	P	P	22 22 12.2	-0.3
234A	Clairette	47.70 329	P	P	22 22 12.5	0.0
MIAR	Mount Ida	47.70 335	eP	P	22 22 11.2	-1.2
MIAR			e	Pmax	22 23 30.8	
MIAR			e	Pmax	22 22 11.1	-1.3
MIAR			eP	P	22 22 11.2	-1.2
MIAR			ePcP	PcP	22 23 30.8	+0.4
135A	Victory Place,	47.78 330	P	P	22 22 13.0	0.0
Z36A	Blue Ridge	47.89 332	P	P	22 22 14.0	+0.1
431A	Sonora	47.99 326	P	P	22 22 14.4	-0.3
SDMD	Soldier's Deli	48.00 354	eP	P	22 22 13.8	-0.7
SDMD			ePcP	PcP	22 23 31.7	+0.5
530A	J-C Ranch, Com	48.00 325	P	P	22 22 14.8	0.0
332A	Millersville	48.05 327	P	P	22 22 15.0	-0.2
233A	Rising Star	48.10 328	P	P	22 22 15.5	+0.1
Y37A	Hugo	48.11 333	P	P	22 22 15.8	+0.4
134A	White-Moore Ra	48.13 330	P	P	22 22 15.7	+0.1
PARMO	Parma	48.15 340	eP	P	22 22 14.5	-1.2
Z35A	Perchaven, S	48.33 331	P	P	22 22 17.5	+0.3
X38A	Whitesboro	48.34 334	P	P	22 22 17.1	-0.1
Y36A	Durant	48.34 332	P	P	22 22 17.6	+0.4

331A	San Angelo	48.37 326	P	P	22 22 17.2	-0.3
Z32A	Coleman	48.39 328	P	P	22 22 17.6	-0.1
PBMO	Poplar Bluff	48.48 340	eP	P	22 22 16.8	-1.4
X37A	Clayton	48.51 334	P	P	22 22 18.1	-0.3
MVL	Millersville	48.54 355	eP	P	22 22 18.1	-0.4
W38A	Poteau	48.55 335	P	P	22 22 18.1	-0.6
WCI	Wyandotte C	48.56 344	eP	Pmax	22 22 17.1	-1.7
WCI			eP	P	22 22 17.1	-1.7
133A	Hamilton Ranch	48.58 329	P	P	22 22 19.1	+0.1
MCWV	Mont Chateau	48.61 351	eP	P	22 22 19.1	0.0
Z34A	Collier Ranch,	48.69 330	P	P	22 22 20.0	+0.3
USIN	University of	48.70 343	eP	P	22 22 18.1	-1.6
Y35A	Marietta	48.70 332	P	P	22 22 20.5	+0.7
TX31	Lajitas Ar. S3	48.78 322	eP	P	22 22 20.8	+0.1
TXAR	Lajitas Array	48.78 322	P	P	22 22 20.4	-0.1
TXAR			ePcP	PcP	22 23 34.1	-0.5
TXAR			eP	P	22 26 34.6	-0.6
Z31A	Bronte	48.79 327	P	P	22 22 20.2	-0.4
330A	Mertzton	48.85 326	P	P	22 22 20.7	-0.4
X36A	Centrahoma	48.93 333	P	P	22 22 21.0	-0.5
SIUC	Southern Illin	48.94 341	eP	P	22 22 20.2	-1.3
ABTX	Abilene, Hawle	48.97 328	P	P	22 22 21.8	-0.1
ABTX	Abilene, Hawle	48.97 328	eP	P	22 22 22.0	+0.2
ABTX			ePcP	PcP	22 23 35.2	+0.1
ABTX			eScP	PcP	22 26 35.9	0.0
Z33A	Whitaker Ranch	49.04 329	P	P	22 22 22.6	+0.2
X35A	Drake	49.08 332	P	P	22 22 22.1	-0.5
Y34A	Reagan Ranch,	49.09 331	P	P	22 22 22.7	0.0
BRNJ	Basking Ridge	49.09 357	eP	P	22 22 22.2	-0.3
V30A	Canehill	49.18 335	P	P	22 22 22.1	-1.3
SSPA	Standing Stone	49.22 354	eP	P	22 22 23.8	-0.5
SSPA			ePcP	PcP	22 23 36.2	+0.1
W66A	Wetumka	49.35 333	P	P	22 22 23.3	-0.9
SLBS	Sierra La Lagu	49.38 311	eP	P	22 22 25.8	+0.6
PAL	Palisades	49.38 358	eP	Pmax	22 22 23.8	-0.9
PAL			eP	P	22 22 23.8	-0.9
131A	Roby	49.40 328	P	P	22 22 25.0	-0.1
Z32A	Haskell	49.42 329	P	P	22 22 25.1	0.0
ODNJ	Ogdensburg	49.49 357	eP	P	22 22 24.8	-0.7
ODNJ			ePcP	PcP	22 23 36.9	+0.2
V37A	Hulbert	49.51 335	P	P	22 22 25.0	-0.8
BLO	Bloomington	49.51 345	eP	P	22 22 24.3	-1.4
BLO			e	Pmax	22 23 37.1	
BLO			eP	P	22 22 24.3	-1.4
BLO			ePcP	PcP	22 23 37.1	+0.2
OLIL	Olney	49.53 343	eP	P	22 22 23.9	-2.0
OLIL			ePcP	PcP	22 23 37.0	+0.1
Y33A	Hilltop Ranch,	49.55 330	P	P	22 22 26.1	0.0
130A	Snyder	49.65 327	P	P	22 22 26.5	-0.4
X34A	Smith Ranch, M	49.65 331	P	P	22 22 26.9	+0.1
W35A	Tecumseh	49.66 333	P	P	22 22 26.1	-0.8
YLE	Yale	49.66 359	eP	P	22 22 26.3	-0.4
U38A	Gravette	49.67 336	P	P	22 22 25.5	-1.4
ACSO	Alum Creek Sta	49.71 348	eP	P	22 22 26.0	-0.1
ACSO			ePcP	PcP	22 23 37.5	-0.1
V36A	Jenks	49.77 334	P	P	22 22 26.9	-0.8
Z31A	Sharp Cattle R	49.77 328	P	P	22 22 27.7	-0.1
TUL1	Tulsa	49.81 334	P	P	22 22 27.2	-0.7
TUL1			eP	P	22 22 27.4	-0.5
TUL1			ePcP	PcP	22 23 38.1	0.0
X33A	Lawton	49.92 331	P	P	22 22 28.2	-0.6
U37A	Salina	49.94 335	P	P	22 22 28.2	-0.7
Y32A	Plum Springs	49.95 329	P	P	22 22 29.3	+0.2
KSPA	Keystone Colle	50.04 356	eP	P	22 23 30.0	+0.3
SLM	Saint Louis	50.10 341	eP	P	22 22 28.6	-1.4
SLM			eP	Pmax	22 23 39.3	
SLM			eP	P	22 22 28.6	-1.4
W34A	Bridge Creek,	50.14 332	eP	P	22 22 39.3	+0.2
W34A			eP	P	22 22 39.7	-0.7
W34A			eP	P	22 22 30.3	-0.1
W34A			eScP	P	22 26 40.1	-0.7
V35A	Meyer Ranch, C	50.15 333	P			

17d 22h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SRU, SRU, C34A, H27A, E31A, BELC, F29A, PFO, PFO, PFO, P18A, DNR, D32A, I25A, B35A, H26A, GMRC, E30A, P17A, C33A, D31A, RSSD, RSSD, RSSD, K22A, K22A, K22A, TMUT, TMUT, F28A, MSU, MSU, MSU, G27A, CCUT, CCUT, CCUT, H25A, E29A, C32A, B34A, B33A, H30A, DEC, TUQ, AGMN, AGMN, F27A, G25A, SHPR, SHPR, C31A, D29A, E28A, B32A, C30A, F26A, E27A, A33A, BFSC, GSC, GSC, GSC, B31A, A32A, F25A, E26A, MDND, MDND, B30A, D27A, A31A, EDW2, C28A, TPNV, TPNV, TPNV, DUG, SNCC, LRMCC, BW06, PDAR.

2010 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PDAR, PDAR, E25A, FURC, D26A, B29A, A30A, OSI, MPMC, C27A, R11A, R11A, R11A, B28A, A29A, BSC, HDU, D25A, ULM, ULM, ULM, ARVC, C26A, ISA, ISA, ISA, GRAC, B27A, AHID, A28A, C25A, REDW, B26A, SNOW, SNOW, YES, LOHW, TIN, MOOW, MOOW, B25A, LAO, LAO, A26A, SMCC, IMW, IMW, FLWY, SCHO, SCHO, SCHO, RLMT, RLMT, H17A, H17A, MCID, YFT, A25A, YNR, YMR, YMR, YMR, NVAR, NVAR, NVAR, GCMT, QLMT, BMN, BMN, BOZ, BOZ, BOZ, BOZ, BOZ, HLD, HLD, MCMT, DLMT, DLMT, LRM, LRM, MFID, EGMT, EGMT, HRY.

750

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like AFDM, SAC, OHCN, WVOR, WVOR, WVOR, WVOR, WVOR, CHMT, ORV, ORV, ORV, ORV, MSO, MSO, MSO, MSO, WDC, WDC, WDC, BLMT, LIC, BSMT, F10A, TIC, K05A, M04C, FFC, FFC, FFC, N02D, DBIC, DBIC, DBIC, DBIC, DBIC, K05A, K05A, K05A, M02C, G08A, K04D, J05D, YBH, YBH, YBH, J04D, HUMO, I05D, VTHM, L02D, G06A, NEW, NEW, NEW, NEW, I04A, D08A, BPO, C09A, E07A, G05D, H04A, TRW, I03D, B08A, LTY, ETW, F04A, LON, LON, LON, EDM, EDM, EDM, C06D, F04D, R17P, B05A, NLWA, NRS, NRS, NRS.

17d 22h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Ulanbaatar, Songino Array, Matsushiro, etc.

2010 DEC

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Tappejung, Odare, Challavanipeta, etc.

752

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Cogollos-Vega, Sierra Elvira, Sierra Elvira, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EMIN, PBAR, ELAN, and POLO.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EPOB, EIBI, EARI, ETSF, and ECHO.

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

Table with 20 columns: Property ID, Name, Address, Acres, Price, Status, Date, Agent Name, Agent Phone, Agent Email, Buyer Name, Buyer Address, Buyer Phone, Buyer Email, Seller Name, Seller Address, Seller Phone, Seller Email, Agent Commission. Rows include properties like Callahan, Tendick Farm, Trinity Center, Umpqua Nationa, Leavenworth, Wamic, OR, Chiloulin, OR, Macdoel, Terrebonne, OR, Paynes Creek, Fort Rock, OR, Simmler, Newport, Santa Barbara, Santa Cruz Isl, San Nicolas Is, Mammoth Lakes, Vestal, Richgr, Laguna Peak, Arvin, Ostio Adit, Isabella, Green Verdugo, Catalina Islan, Fort Macarthur, Edwards Air Fo, Grapevine Rang, Manual Prospec, Mount Baldy Ra, Murrieta, Missoula, Big Bear Solar, Camp Elliot, M, Topopah Spring, Hailey, Hector, Ludlow, Troy Canyon, C, Pinyon Flat Ob, Monument Peak, Belle Mtn. Jos, Imperial Bould, Granite Mounta, Sam W. Stewart, Big Chuckawall, Iron Mountain, Bozeman (W), Needles Airpor, Glamis, Blythe, Dugway, Eagleton, Grant Village, Red Lodge, Organ Pipe Nat, Wupatki, White River Ci, Petrified Fore, Casper, Mesa Verde, Svangstu Ranch, Knox Farm, Ray, Fairfield, Jensen Ranch, Miller Ranch, Red Feather La, Bowman, Wahnar Farm, P, 4UR Ranch, Cre, Manning, Newell, Fruitdale, Peters Farms, Carlson Angus, Rochford, Saylor Ranch, Lodgepole, Idaho Springs, Sunshine Ranch, Cookes Peak, D, Center, Rude Farm, Bot, Dugan Ranch, T, Fairpoint, Lemmon.

231A	Bronte	122.52	55	P	PKPdf	00 14 59.0	-1.4
P34A	Walnut Farm, R	122.53	45	P	PKPdf	00 14 58.9	-1.3
J36A	Seneca 1, Swea	122.55	40	P	PKPdf	00 14 59.0	-1.1
SPMN	St. Paul	122.57	37	P	PKPdf	00 14 58.9	-1.1
X32A	Elmer	122.58	52	P	PKPdf	00 14 59.0	-1.4
Y32A	R-V Farms, Ver	122.59	52	P	PKPdf	00 14 59.2	-1.3
431A	Sonora	122.63	56	P	PKPdf	00 14 59.1	-1.5
C39A	Grand Marais	122.72	34	P	PKPdf	00 14 59.3	-1.0
R34A	Isabella, Hill	122.73	47	P	PKPdf	00 14 59.3	-1.3
Z32A	Haskell	122.78	53	P	PKPdf	00 14 59.3	-1.5
I37A	Lemond, Waseca	122.81	39	P	PKPdf	00 14 59.3	-1.2
531A	Rocksprings	122.82	57	P	PKPdf	00 14 59.5	-1.5
H37A	Dierke Farm, C	122.83	38	P	PKPdf	00 14 59.3	-1.2
ABTX	Ablene, Hawle	122.86	54	P	PKPdf	00 14 59.7	-1.3
K51U	Kansas State U	122.87	45	P	PKPdf	00 14 59.6	-1.2
V33A	Lossen Ranch,	122.88	50	P	PKPdf	00 14 59.6	-1.3
O35A	Humboldt	122.88	44	P	PKPdf	00 14 59.4	-1.3
L36A	Harm Buss Farm	122.91	42	P	PKPdf	00 14 59.6	-1.2
W33A	Caddo, Fort Co	122.97	51	P	PKPdf	00 14 59.7	-1.4
631A	Perdido Creek	123.00	58	P	PKPdf	00 14 59.7	-1.6
J37A	Redenius Farm,	123.06	40	P	PKPdf	00 14 59.9	-1.2
S34A	Willow Spring	123.06	47	P	PKPdf	00 14 59.8	-1.4
332A	Millsview	123.15	55	P	PKPdf	00 15 00.2	-1.4
X32A	Lawton	123.15	51	P	PKPdf	00 15 00.1	-1.3
U34A	Anderson Ranch	123.22	49	P	PKPdf	00 15 00.3	-1.2
Y33A	Hilltop Ranch,	123.23	52	P	PKPdf	00 15 00.4	-1.3
432A	Menard	123.25	56	P	PKPdf	00 15 00.3	-1.6
T34A	McClaskey Farm	123.26	48	P	PKPdf	00 15 00.3	-1.3
K37A	Belmond	123.27	40	P	PKPdf	00 15 00.3	-1.2
JCT	Junction City	123.36	56	P	PKPdf	00 15 00.6	-1.4
Z33A	Whitaker Ranch	123.36	53	P	PKPdf	00 15 00.6	-1.4
532A	Rocksprings	123.37	57	P	PKPdf	00 15 00.5	-1.5
Q35A	Mercer Eighty,	123.38	46	P	PKPdf	00 15 00.6	-1.2
133A	Hamilton Ranch	123.45	54	P	PKPdf	00 15 00.7	-1.4
V34A	Guthrie	123.45	49	P	PKPdf	00 15 00.7	-1.3
I38A	Scanlan Farm,	123.47	39	P	PKPdf	00 15 00.6	-1.2
W34A	Bridge Creek,	123.47	50	P	PKPdf	00 15 00.7	-1.3
R35A	Emporia Munici	123.48	46	P	PKPdf	00 15 00.7	-1.3
L37A	Phoenix Point,	123.50	41	P	PKPdf	00 15 00.7	-1.2
O36A	Bolckow	123.59	44	P	PKPdf	00 15 00.9	-1.2
M37A	Trindle Farm,	123.63	42	P	PKPdf	00 15 01.0	-1.1
632A	Uvalde	123.63	57	P	PKPdf	00 15 01.1	-1.5
P36A	Good Intent, A	123.64	44	P	PKPdf	00 15 01.0	-1.2
233A	Rising Star	123.64	54	P	PKPdf	00 15 01.1	-1.5
S35A	Otter Creek Ra	123.65	47	P	PKPdf	00 15 01.1	-1.2
X34A	Smith Ranch, M	123.65	51	P	PKPdf	00 15 01.1	-1.4
732A	Laxson Ranch,	123.68	58	P	PKPdf	00 15 01.2	-1.4
Q36A	Arnold C. Orve	123.74	45	P	PKPdf	00 15 01.2	-1.3
333A	Richland Sprin	123.78	55	P	PKPdf	00 15 01.4	-1.4
832A	Faith Ranch, C	123.79	59	P	PKPdf	00 15 01.4	-1.5
T35A	Sooner Cattle,	123.80	48	P	PKPdf	00 15 01.4	-1.3
N37A	Lee Faris, Mou	123.83	43	P	PKPdf	00 15 01.3	-1.3
U35A	Pawnee	123.85	49	P	PKPdf	00 15 01.5	-1.2
433A	Art	123.86	56	P	PKPdf	00 15 01.5	-1.5
K38A	Parkersburg	123.88	40	P	PKPdf	00 15 01.5	-1.1
Y34A	Reagan Ranch,	123.93	52	P	PKPdf	00 15 01.7	-1.3
R36A	Gordon Harris	123.98	46	P	PKPdf	00 15 01.7	-1.2
V35A	Meyer Ranch, C	124.00	49	P	PKPdf	00 15 01.7	-1.3
Z34A	Collier Ranch,	124.00	52	P	PKPdf	00 15 01.7	-1.4
533A	Kerville	124.11	56	P	PKPdf	00 15 02.0	-1.5
134A	White-Moore Ra	124.13	53	P	PKPdf	00 15 02.0	-1.4
O37A	Wolven Farm, M	124.14	43	P	PKPdf	00 15 02.0	-1.2
633A	Saathoff Ranch	124.16	57	P	PKPdf	00 15 02.0	-1.6
W35A	Tecumseh	124.19	50	P	PKPdf	00 15 02.1	-1.4
M38A	Pleasantville	124.20	42	P	PKPdf	00 15 02.1	-1.2
T36A	Boogs Farm, Ca	124.21	47	P	PKPdf	00 15 02.1	-1.3
P37A	Lathrop	124.25	44	P	PKPdf	00 15 02.2	-1.3
234A	Divot King Ran	124.26	58	P	PKPdf	00 15 02.3	-1.5
733A	Clairette	124.27	54	P	PKPdf	00 15 02.3	-1.4
833A	Chaparral WMA,	124.28	59	P	PKPdf	00 15 02.3	-1.5
X35A	Drake	124.39	51	P	PKPdf	00 15 02.5	-1.4
334A	Lometa	124.39	55	P	PKPdf	00 15 02.5	-1.5
R37A	Teagarden Farm	124.46	46	P	PKPdf	00 15 02.6	-1.3
N38A	Joess South For	124.47	42	P	PKPdf	00 15 02.6	-1.2
Q37A	Longview Farm,	124.49	45	P	PKPdf	00 15 02.6	-1.3
Y35A	Marietta	124.51	51	P	PKPdf	00 15 02.7	-1.4
434A	Burnet	124.52	55	P	PKPdf	00 15 02.8	-1.5
Z35A	Perchaven, San	124.54	52	P	PKPdf	00 15 02.8	-1.4
933A	Laredo	124.56	59	P	PKPdf	00 15 02.9	-1.5
534A	Blanco	124.58	56	P	PKPdf	00 15 02.8	-1.5
O36A	Oologah	124.58	48	P	PKPdf	00 15 02.9	-1.3
U33A	Galt	124.61	43	P	PKPdf	00 15 02.8	-1.3
V36A	Jenks	124.66	49	P	PKPdf	00 15 02.9	-1.4
135A	Vickery Place,	124.67	53	P	PKPdf	00 15 03.0	-1.4

W36A	Wetumka	124.69	50	P	PKPdf	00 15 03.1	-1.3
S37A	Fort Scott	124.70	46	P	PKPdf	00 15 03.0	-1.3
TUL1	Tulsa	124.73	49	P	PKPdf	00 15 03.1	-1.3
P38A	Dawn	124.80	44	P	PKPdf	00 15 03.2	-1.3
X36A	Centrahoma	124.80	50	P	PKPdf	00 15 03.3	-1.4
WHTX	Lake Whitney	124.82	54	P	PKPdf	00 15 03.3	-1.4
734A	La Parita Cree	124.85	58	P	PKPdf	00 15 03.4	-1.4
634A	China Grove, S	124.87	57	P	PKPdf	00 15 03.5	-1.4
N37A	Cheneyville 18	124.89	47	P	PKPdf	00 15 03.4	-1.3
T39A	Derry Farms, D	124.92	42	P	PKPdf	00 15 03.4	-1.2
U37A	Salina	125.04	48	P	PKPdf	00 15 03.7	-1.3
Q38A	Cooks Store, C	125.04	44	P	PKPdf	00 15 03.6	-1.3
834A	Tilden	125.05	59	P	PKPdf	00 15 03.8	-1.5
335A	Moody	125.07	55	P	PKPdf	00 15 03.8	-1.4
435A	Jarrell	125.09	55	P	PKPdf	00 15 03.8	-1.5
Y36A	Durant	125.10	51	P	PKPdf	00 15 03.9	-1.3
R38A	Fenwick Farm,	125.17	45	P	PKPdf	00 15 03.9	-1.3
Z36A	Blue Ridge	125.20	52	P	PKPdf	00 15 04.0	-1.4
O34A	Hebronville	125.21	60	P	PKPdf	00 15 04.1	-1.5
V37A	Hulbert	125.22	48	P	PKPdf	00 15 04.0	-1.4
535A	Dal	125.33	56	P	PKPdf	00 15 04.3	-1.5
635A	Leesville	125.35	57	P	PKPdf	00 15 04.5	-1.3
P39A	Salisbury	125.40	44	P	PKPdf	00 15 04.3	-1.3
136A	Ennis	125.40	53	P	PKPdf	00 15 04.4	-1.4
Q39A	Willow Grove F	125.45	44	P	PKPdf	00 15 04.4	-1.3
336A	Riesel	125.50	54	P	PKPdf	00 15 04.6	-1.4
X37A	Clayton	125.55	50	P	PKPdf	00 15 04.7	-1.4
238A	Katherine and	125.56	53	P	PKPdf	00 15 04.7	-1.4
U38A	Gravette	125.56	48	P	PKPdf	00 15 04.6	-1.4
Y37A	Hugo	125.58	51	P	PKPdf	00 15 04.7	-1.4
835A	Beeville	125.62	58	P	PKPdf	00 15 04.9	-1.5
R39A	Chumby, Stover	125.75	45	P	PKPdf	00 15 05.0	-1.3
436A	Wall Ranch, Ga	125.74	55	P	PKPdf	00 15 05.1	-1.4
V38A	Canehill	125.78	48	P	PKPdf	00 15 05.1	-1.4
Z37A	Pogue Cattle C	125.86	52	P	PKPdf	00 15 05.2	-1.4
O35Z	Hargill	125.89	60	P	PKPdf	00 15 05.4	-1.5
636A	Smithers Creek	125.92	57	P	PKPdf	00 15 05.4	-1.5
X38A	Whitesboro	125.93	50	P	PKPdf	00 15 05.4	-1.4
137A	Heron Place, G	125.97	52	P	PKPdf	00 15 05.5	-1.4
W38A	Poteau	126.01	49	P	PKPdf	00 15 05.5	-1.4
736A	Circle Diamond	126.07	57	P	PKPdf	00 15 05.6	-1.5
Q30A	Laux Farm, Aux	126.09	44	P	PKPdf	00 15 05.7	-1.3
237A	Washetta, Mont	126.13	53	P	PKPdf	00 15 05.9	-1.4
R40A	Maddies Statio	126.28	45	P	PKPdf	00 15 06.0	-1.3
Y38A	Idabel	126.29	51	P	PKPdf	00 15 06.0	-1.5
337A	North Padre Is	126.30	59	P	PKPdf	00 15 06.0	-1.6
936A	Centerville	126.30	54	P	PKPdf	00 15 05.9	-1.7
537A	Green Hill Far	126.35	56	P	PKPdf	00 15 06.1	-1.6
138A	Matatall Enter	126.47	52	P	PKPdf	00 15 06.3	-1.5
637A	Eagle Lake	126.54	56	P	PKPdf	00 15 06.5	-1.6
737A	Port Lavaca	126.65	57	P	PKPdf	00 15 06.6	-1.7
238A	Jacksonville	126.68	53	P	PKPdf	00 15 06.7	-1.6
438A	Sam Houston St	126.82	55	P	PKPdf	00 15 06.9	-1.7
MIAR	Mount Ida	126.93	49	P	PKPdf	00 15 07.2	-1.5
538A	Harpers Horsep	126.98	55	P	PKPdf	00 15 07.4	-1.5
139A	Bunkhouse Ranc	127.01	52	P	PKPdf	00 15 07.5	-1.4
NATX	Nadogoches	127.13	53	P	PKPdf	00 15 07.6	-1.5
HDIL	Hopedale	127.19	41	P	PKPdf	00 15 07.7	-1.3
239A	Gary	127.19	53	P	PKPdf	00 15 07.8	-1.5
738A	Farr-Stevens R	127.29	57	P	PKPdf	00 15 07.8	-1.7
339A	Huntington						

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like COCO West Island, MAW Mawson, MKAR Makranchi Array, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YSS Yuzh-Sakhalins, ASAJ Asahikawa, INK Inuvik, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BMN Battle Mountain, DLMT Dixon, MCMT McKenzie Canyon, etc.

ADC 18 00:43:17.1±0.7, 51.07N:179.55W, h0km, mb4.0/25, m1 3.8/23, ms1mx3.6/37, Error ellipse: s-maj=20.9km s-min=1.6km az=160.0

H1N2 WAKE ISLAND Hy 33.01 204 T T 01 25 13.7
H1N3 WAKE ISLAND Hy 33.02 204 T T 01 25 18.9
H1N1 WAKE ISLAND Hy 33.03 204 T T 01 25 12.0

BMN Battle Mountain 43.59 79 eP P 00 51 25.9 +2.2
DLMT Dixon 43.64 70 eP P 00 51 24.9 +0.9
MCMT McKenzie Canyon 43.78 71 eP P 00 51 23.8 -1.4

Andromed Islands

Table listing Andromed Islands with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AMKA Amchitka, GALAA Gareloi Lava P, GAEA Gareloi Aiea, etc.

Table listing various stations with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

Table listing various stations with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BMN Battle Mountain, DLMT Dixon, MCMT McKenzie Canyon, etc.

18d Oh

CIS	Catalina Islan baz=47	47.22	87	P	P	00 51 52.3	0.0
SHPR	Sheep Range baz=47	47.26	82	eP	P	00 51 55.9	+3.1
MPU	Maple Canyon comp=Z,11nm,0.8s	47.28	76	eP	P	00 51 55.4	+2.4
HHC	Hu-ho-ho-tae	47.28	286	eP	S	00 51 53.8	+0.9
HHC				S		00 58 41.6	-3.5
HHC	comp=Z,13nm,1.0s				PMZ		
HHC	comp=Z,100nm,6.2s				PMZ		
HHC	comp=Z,130nm,13.2s				LN		
HHC	comp=Z,190nm,14.4s				LE		
HHC	comp=Z,120nm,15.9s				LZ		
SCI	San Clemente I baz=47	47.41	88	P	P	00 51 53.9	+0.1
TUQ	Turquoise Moun baz=47	47.46	83	P	P	00 51 54.2	-0.1
B25A	Knox Farm, Ray baz=47	47.48	62	P	P	00 51 53.8	-0.4
BBRC	Big Bear Solar baz=47	47.59	85	P	P	00 51 55.3	-0.3
HEC	Hector,Ludlow baz=48	47.60	84	P	P	00 51 55.3	-0.1
C25A	Fred Ranch, W baz=48	47.74	62	P	P	00 51 55.9	-0.3
A26A	Wade Farm, Ken baz=48	47.76	61	P	P	00 51 56.0	-0.3
MURC	Murieta baz=48	47.85	86	P	P	00 51 57.3	0.0
MSU	Marysvalle baz=48	47.87	78	eP	P	00 51 59.4	+1.8
MSU	comp=Z,9.0nm,1.2s				pmx		
MSU	Marysvalle comp=Z,8.9nm,1.2s	47.87	78	eP	P	00 51 59.4	+1.8
B26A	Jensen Ranch, baz=48	47.94	61	P	P	00 51 57.4	-0.4
TMUT	Trail Mountain comp=Z,24nm,1.0s	47.98	76	eP	P	00 51 59.7	+1.1
D25A	Fairfield baz=48	48.02	63	P	P	00 51 58.1	-0.4
GMRC	Granite Moun baz=48	48.05	84	P	P	00 51 58.7	-0.2
P17A	Butcher Ranch, comp=Z,16nm,1.1s	48.16	76	eP	P	00 50 01.2	+1.5
PFO	Pinyon Flat Ob baz=48	48.31	86	P	P	00 52 00.8	-0.1
C26A	Walner Farm, P baz=48	48.33	62	P	P	00 52 00.4	-0.4
BELC	Belle Mtn. Jos baz=48	48.34	85	P	P	00 52 01.1	-0.1
E25A	Miller Ranch, baz=48	48.35	64	P	P	00 52 00.6	-0.4
P18A	Preston Nutter comp=Z,16nm,1.0s	48.37	75	eP	P	00 52 01.9	+0.4
109C	Camp Elliot, M baz=48	48.38	87	P	P	00 52 01.4	+0.1
B27A	Peters Farms, baz=48	48.46	61	P	P	00 52 01.5	-0.3
SRU	San Rafael comp=Z,23nm,0.9s	48.51	76	eP	pmx	00 52 03.1	+0.6
SRU	San Rafael comp=Z,23nm,0.9s	48.51	76	eP	P	00 52 03.1	+0.6
D26A	Manning baz=48	48.59	63	P	P	00 52 02.4	-0.4
F25A	Bowman baz=48	48.65	65	P	P	00 52 02.9	-0.4
C27A	Saylor Ranch, baz=48	48.72	62	P	P	00 52 03.3	-0.5
A28A	Rude Farm, Bot baz=49	48.72	60	P	P	00 52 03.4	-0.4
IRM	Iron Mountain baz=49	48.77	84	P	P	00 52 04.4	0.0
K22A	Casper baz=49	48.78	70	P	P	00 52 04.1	-0.4
K22A	Casper comp=Z,14nm,0.9s	48.78	70	eP	P	00 52 07.4	+2.9
BAR	Barrett comp=Z,9.6nm,1.0s	48.79	87	eP	P	00 52 06.2	+1.7
MONP	Monument Peak baz=49	48.81	86	P	P	00 52 04.7	-0.2
E26A	Carlson Angus baz=49	48.90	63	P	P	00 52 04.8	-0.4
B28A	Dugan Ranch, T baz=49	48.93	60	P	P	00 52 05.1	-0.3
D27A	Center baz=49	49.05	62	P	P	00 52 06.0	-0.3
F26A	Lodgepole baz=49	49.14	64	P	P	00 52 06.6	-0.4
SWSC	Sam W. Stewart baz=49	49.17	86	P	P	00 52 07.3	0.0
O20A	White River Ci baz=49	49.27	73	P	P	00 52 07.9	-0.5
O20A	White River Ci comp=Z,11nm,0.8s	49.27	73	eP	P	00 52 07.8	-0.5
A29A	Manning Farm, baz=49	49.28	59	P	P	00 52 07.6	-0.4
PDMCI	Parker Dam,Lak baz=49	49.31	83	P	P	00 52 08.5	0.0
H25A	Fruitdale baz=49	49.33	66	P	P	00 52 08.2	-0.4
C28A	Hausauer Farms baz=49	49.34	61	P	P	00 52 08.1	-0.4
RSSD	Black Hills comp=Z,26nm,1.4s	49.37	67	eP	pmx	00 52 11.7	+2.7
RSSD	Black Hills comp=Z,26nm,1.4s	49.37	67	eP	P	00 52 11.7	+2.7
E27A	Carson baz=49	49.42	63	P	P	00 52 08.9	-0.3
Y12C	Blythe baz=49	49.43	84	P	P	00 52 09.4	0.0
B29A	Wagenman Farm, baz=49	49.47	60	P	P	00 52 09.1	-0.4
F27A	Lemmon baz=49	49.49	64	P	P	00 52 09.4	-0.3
D28A	Regan baz=49	49.54	62	P	P	00 52 09.7	-0.4
I25A	Rochebond baz=49	49.60	67	P	P	00 52 10.3	-0.5
MDND	Maddock baz=50	49.69	60	P	P	00 52 10.9	-0.3
GLA	Glamis baz=50	49.70	85	P	P	00 52 11.5	0.0
PV09	Paradox Valley baz=50	49.74	76	eP	P	00 52 14.4	+2.4
A30A	Hoffart Farm, baz=50	49.77	59	P	P	00 52 11.4	-0.4
H26A	Fairpoint baz=50	49.80	66	P	P	00 52 11.9	-0.2
E28A	Huff baz=50	49.83	62	P	P	00 52 11.9	-0.4
G27A	Dupree baz=50	49.83	64	P	P	00 52 12.0	-0.4
PV10	Paradox Valley baz=50	49.86	67	eP	P	00 52 14.9	+1.8
J25A	Sunshine Ranch baz=50	49.94	67	P	P	00 52 12.8	-0.4
PV04	Paradox Valley baz=50	49.95	76	eP	P	00 52 14.8	+1.3
B30A	Myrvik Farm, E baz=50	50.04	59	P	P	00 52 13.5	-0.3
I26A	New Underwood baz=50	50.10	66	P	P	00 52 14.1	-0.4
KBS	Kingsbay comp=Z,59nm,1.4s	50.11	357	eP	pmx	00 52 15.6	+1.7
D29A	Pettibone, Tap baz=50	50.16	61	P	P	00 52 14.3	-0.5
N23A	Red Feather La baz=50	50.19	71	P	P	00 52 14.9	-0.5
H27A	Howes baz=50	50.19	65	P	P	00 52 14.8	-0.3
F28A	McLaughlin baz=50	50.20	63	P	P	00 52 14.7	-0.4
PHWY	Pilot Hill comp=Z,39nm,2.1s	50.23	71	eP	P	00 52 21.1	+5.4
WUAZ	Wupatki baz=50	50.26	80	P	P	00 52 15.5	-0.3
WUAZ	Wupatki comp=Z,24nm,1.4s	50.26	80	eP	P	00 52 17.8	+1.9
ULM	Lac du Bonnet comp=Z,104nm,19.4s	50.30	56	LR	LR	01 13 59.1	
PV01	Paradox Valley comp=Z,11m,0.9s	50.32	76	eP	P	00 52 18.2	+1.9
A31A	Linda, St. Vin baz=50	50.37	58	P	P	00 52 16.0	-0.3

2010 DEC

C30A	Mose, Pekin baz=50	50.39	60	P	P	00 52 16.2	-0.4
J26A	Sides Ranch, S baz=50	50.41	67	P	P	00 52 16.4	-0.4
E29A	Napoleon baz=50	50.42	62	P	P	00 52 16.4	-0.4
B31A	Greenbush Farm baz=50	50.42	59	P	P	00 52 16.3	-0.4
I27A	Quinn baz=50	50.55	66	P	P	00 52 17.4	-0.4
D30A	Buchanan baz=50	50.59	61	P	P	00 52 17.7	-0.4
G28A	Parade baz=50	50.59	64	P	P	00 52 17.8	-0.3
SMCO	Snowmass comp=Z,11nm,1.4s	50.63	74	eP	P	00 52 21.8	+2.8
SPA3	Spitsbergen Ar baz=50	50.67	356	eP	P	00 52 19.3	+1.0
SP15	Spitsbergen Ar comp=Z,3.8nm,0.7s,baz=30,slow=7.1,SNR=22	50.67	356	eP	P	00 52 17.1	-1.2
SP15	Spitsbergen Ar comp=Z,3.8nm,0.7s,baz=30,slow=7.1,SNR=22	50.67	356	eP	P	00 52 17.1	-1.2
SP15	Spitsbergen Ar comp=Z,4.0nm,0.7s	50.67	356	eP	P	00 52 19.6	+1.4
SP2	Spitsbergen Ar baz=50	50.68	356	eP	P	00 52 19.4	+1.2
SP3	Spitsbergen Ar baz=50	50.68	356	eP	P	00 52 19.3	+1.1
C31A	Landman Farms, baz=51	50.75	60	P	P	00 52 18.8	-0.4
A32A	Rocking H Ranc baz=51	50.75	58	P	P	00 52 18.7	-0.4
F29A	Eureka baz=51	50.75	63	P	P	00 52 19.0	-0.3
H28A	Mission Ridge baz=51	50.77	65	P	P	00 52 19.1	-0.4
E30A	Jud baz=51	50.87	62	P	P	00 52 19.8	-0.4
MVCO	Mesa Verde baz=51	50.95	77	P	P	00 52 20.7	-0.4
B32A	Asks, Strandq baz=51	51.04	58	P	P	00 52 21.0	-0.4
J27A	Elkhorn Farm, baz=51,SNR=6.0	51.07	67	P	P	00 52 21.4	-0.4
G29A	Hot Springs baz=51	51.08	63	P	P	00 52 21.4	-0.4
I28A	Midland baz=51,SNR=5.9	51.09	65	P	P	00 52 21.6	-0.3
D31A	McClaffin, Tow baz=51	51.19	60	P	P	00 52 22.2	-0.3
H29A	Onida baz=51	51.26	64	P	P	00 52 22.7	-0.4
A33A	Warood baz=51	51.33	57	P	P	00 52 23.2	-0.3
C32A	Crookston baz=51	51.38	59	P	P	00 52 23.5	-0.4
E31A	Nome baz=51	51.40	61	P	P	00 52 23.6	-0.4
J28A	Allard Ranch, baz=51,SNR=7.8	51.41	66	P	P	00 52 23.9	-0.4
AGMN	Agassiz Nation baz=51	51.46	58	P	P	00 52 24.2	-0.3
D32A	Dogwood Acres, baz=51	51.53	60	P	P	00 52 24.7	-0.3
W18A	Petrified Fore baz=51	51.53	79	P	P	00 52 25.2	-0.2
G30A	Faukton baz=51	51.56	63	P	P	00 52 25.1	-0.2
I29A	Vivian Onida baz=51	51.58	65	P	P	00 52 25.2	-0.3
F31A	Hecla baz=52	51.62	62	P	P	00 52 25.4	-0.3
B33A	Robert and Kas baz=52	51.62	58	P	P	00 52 25.4	-0.3
S22A	4UR Ranch, Cre baz=52,SNR=6.0	51.63	75	P	P	00 52 25.8	-0.5
S22A	4UR Ranch, Cre comp=Z,15nm,1.1s	51.63	75	eP	P	00 52 26.1	-0.2
214A	Organ Pipe Nat baz=52	51.70	85	P	P	00 52 26.6	0.0
K28A	Ten Mile Ranch baz=52	51.77	67	P	P	00 52 26.6	-0.4
E32A	Braaten, Kindr baz=52	51.83	60	P	P	00 52 26.9	-0.4
C33A	Trail baz=52	51.83	59	P	P	00 52 26.9	-0.4
Q24A	Divide baz=52	51.87	73	P	P	00 52 27.5	-0.6
DAG	Danmarks Havn baz=52	51.88	5	eP	P	00 52 34.2	+6.9
DAG	Danmarks Havn baz=52	51.88	5	eP	P	00 52 34.2	+6.9
DAG	Danmarks Havn comp=Z,15nm,1.1s	51.88	5	eP	P	00 52 27.9	-0.4
B34A	Aery, Baudette baz=52	51.99	57	P	P	00 52 28.1	-0.4
G31A	Cote baz=52	52.03	62	P	P	00 52 28.5	-0.3
SUSD	South Dakota S baz=52	52.09	64	P	P	00 52 29.0	-0.3
I30A	Oacoma baz=52	52.14	64	P	P	00 52 29.4	-0.4
WHN	Wuhan baz=52	52.16	273	eP	P	00 52 39.4	+9.5
D33A	AnnSam, Waubun baz=52	52.16	59	P	P	00 52 29.4	-0.4
H31A	Wolsey 						

Q31A	Ellis	55.28	69	P	P	00 52 52.1	-0.6
M34A	Aspy Farms, Fr	55.29	65	P	P	00 52 52.5	-0.3
P32A	Hutting Farm,	55.34	68	P	P	00 52 52.7	-0.5
T29A	Hugoton	55.36	72	P	P	00 52 52.8	-0.6
J36A	Seneca 1, Swea	55.38	62	P	P	00 52 52.9	-0.5
I37A	Lemond, Waseca	55.46	61	P	P	00 52 53.4	-0.5
L35A	Blow Farm, R	55.49	64	P	P	00 52 53.7	-0.5
S30A	Montezuma	55.54	71	P	P	00 52 54.1	-0.5
Q33A	Hebron	55.64	67	P	P	00 52 54.8	-0.5
R31A	Durdett	55.67	70	P	P	00 52 55.1	-0.4
K36A	Gilmore City	55.76	63	P	P	00 52 55.5	-0.6
N34A	Lincoln	55.77	66	P	P	00 52 55.8	-0.4
Q32A	Meitler Ranch,	55.78	69	P	P	00 52 55.7	-0.7
M35A	Neola	55.82	65	P	P	00 52 56.1	-0.5
J37A	Redenius Farm,	55.83	62	P	P	00 52 56.0	-0.6
U29A	Oasis Ranch, S	55.84	73	P	P	00 52 56.4	-0.5
T30A	Plains	55.89	72	P	P	00 52 56.8	-0.3
L36A	Harm Buss Farm	55.99	63	P	P	00 52 57.3	-0.5
P33A	Williams Farm,	55.99	68	P	P	00 52 57.5	-0.4
I38A	Scanlan Farm,	56.03	60	P	P	00 52 57.4	-0.6
R32A	Long Quarter,	56.06	69	P	P	00 52 58.0	-0.4
O34A	Beatrice	56.09	66	P	P	00 52 58.1	-0.4
K37A	Belmond	56.13	63	P	P	00 52 58.4	-0.4
S31A	Mullinville	56.18	70	P	P	00 52 58.5	-0.4
U30A	WK&E Inc. Balk	56.16	72	P	P	00 52 58.7	-0.4
Q33A	Connelly Farm,	56.20	68	P	P	00 52 58.7	-0.6
N35A	Tabor	56.25	65	P	P	00 52 59.1	-0.6
M36A	Felix, Anita	56.34	64	P	P	00 52 59.8	-0.5
T31A	Randall Ranch,	56.37	71	P	P	00 53 00.1	-0.4
S32A	Newby Ranch, P	56.41	70	P	P	00 53 00.5	-0.4
J38A	Wedel Dairy, R	56.42	61	P	P	00 53 00.2	-0.7
P34A	Walnut Farm, R	56.42	67	P	P	00 53 00.5	-0.4
O35A	Humboldt	56.48	66	P	P	00 53 01.0	-0.3
L37A	Phoenix Point,	56.49	63	P	P	00 53 00.8	-0.5
MNTX	Cornudas Mount	56.52	80	P	P	00 53 01.5	-0.2
MNTX	Cornudas Mount	56.52	80	eP	P	00 53 02.9	+1.1
R33A	Olander Ranch,	56.57	69	P	P	00 53 01.6	-0.4
MSTX	Muleshoe	56.59	76	P	P	00 53 01.7	-0.6
MSTX	Muleshoe	56.59	76	eP	P	00 53 04.2	+1.9
AMTX	Amarillo	56.64	74	P	P	00 53 02.1	-0.5
V30A	Spur Ranch, Mi	56.65	73	P	P	00 53 01.9	-0.7
N36A	Muff Farm, Cla	56.67	65	P	P	00 53 02.2	-0.4
K38A	Parkersburg	56.70	62	P	P	00 53 02.2	-0.6
U31A	Nine Bar Ranch	56.75	72	P	P	00 53 02.7	-0.6
Q34A	Chapman	56.77	68	P	P	00 53 02.7	-0.8
M37A	Trindle Farm,	56.79	64	P	P	00 53 02.6	-0.8
KSU1	Kansas State U	56.85	67	P	P	00 53 03.6	-0.3
KSU1	Kansas State U	56.85	67	eP	P	00 53 05.7	+1.8
P35A	Duane Minner,	56.91	67	P	P	00 53 03.8	-0.6
L38A	Oak Wood Farm,	56.92	62	P	P	00 53 03.8	-0.6
R34A	Isabella, Hill	57.01	68	P	P	00 53 04.6	-0.4
S33A	Kaszmaul Farm,	57.03	70	P	P	00 53 04.9	-0.4
O36A	Bolckow	57.12	65	P	P	00 53 05.4	-0.4
N37A	Lee Faris, Mou	57.13	64	P	P	00 53 05.4	-0.5
V31A	Spring Creek L	57.15	72	P	P	00 53 05.7	-0.5
U32A	Winter Ranch,	57.25	71	P	P	00 53 06.5	-0.3
M38A	Pleasantville	57.27	63	P	P	00 53 06.4	-0.5
P36A	Good Intent, A	57.31	66	P	P	00 53 06.6	-0.7
Q35A	Mercer Eighty,	57.34	67	P	P	00 53 06.9	-0.5
X30A	Coker Ranch, T	57.42	74	P	P	00 53 07.7	-0.4
S34A	Willow Spring	57.48	69	P	P	00 53 08.1	-0.4
W31A	Holland Ranch,	57.48	73	P	P	00 53 08.2	-0.4
Q37A	Wolven Farm, M	57.56	65	P	P	00 53 08.5	-0.5
R35A	Emporia Munci	57.60	68	P	P	00 53 08.9	-0.4
Q36A	Arnold C. Orve	57.61	67	P	P	00 53 08.9	-0.4
N38A	Jose South For	57.66	64	P	P	00 53 09.2	-0.5
U33A	Lingo Farm, Me	57.74	71	P	P	00 53 10.0	-0.3
Y30A	Stafford Catti	57.79	75	P	P	00 53 10.2	-0.6
P37A	Lathrop	57.83	65	P	P	00 53 10.2	-0.7
X31A	McDonald Ranch	57.84	73	P	P	00 53 10.6	-0.4
T34A	McClaskey Farm	57.89	69	P	P	00 53 11.0	-0.3
W32A	Sentinel	57.95	72	P	P	00 53 11.3	-0.4
S35A	Oter Creek Ra	57.96	68	P	P	00 53 11.4	-0.4
O38A	Galt	57.97	64	P	P	00 53 11.4	-0.4
R36A	Gordon, Harris	58.01	67	P	P	00 53 11.6	-0.5
N39A	Derby Farms, D	58.02	63	P	P	00 53 11.6	-0.5
V33A	Lossen Ranch,	58.05	71	P	P	00 53 12.2	-0.3
Z30A	Sanderson Ranc	58.05	75	P	P	00 53 12.1	-0.5
U34A	Anderson Ranch	58.08	70	P	P	00 53 12.4	-0.3
U34A	Anderson Ranch	58.08	70	eP	P	00 53 14.7	+2.1
Y31A	Rekietta Farm,	58.12	74	P	P	00 53 12.6	-0.4
Q37A	Longview Farm,	58.25	66	P	P	00 53 13.3	-0.5
P38A	Dawn	58.27	65	P	P	00 53 13.4	-0.5
ARCES	ARCES Array B	58.33	350	P	P	00 53 12.2	-1.7

ARCES	comp=Z,80nm,19.3s,baz=4.5,slow=39	LR	LR	01 20 59.2
ARCES	ARCES Array B	58.33	350	P
ARCES	comp=Z,3.0nm,0.8s	pmax	pmax	00 53 12.2
ARCES	comp=Z,80nm,19.3s	MLR	MLR	
S36A	Lake Cedric, C	58.36	68	P
T35A	Sooner Cattle	58.37	69	P
W33A	Caddo, Fort Co	58.40	72	P
X32A	Elmer	58.43	73	P
R37A	Teagarden Farm	58.41	67	P
WMOK	Wichita Mounta	58.49	72	eP
WMOK	comp=Z,7.0nm,1.1s	pmax	pmax	
WMOK	Wichita Mounta	58.49	72	eP
V34A	Guthrie	58.50	71	P
CD2	Chengdu	58.53	281	eP
CD2	CD2	00 53 21.3	-1.0	pP
CD2	CD2	01 01 13.4	-5.2	S
CD2	comp=Z,10.0nm,1.0s	PMZ		
CD2	comp=Z,80nm,4.0s	LE		
CD2	comp=Z,160nm,10.7s	LZ		
Y32A	R-V Farms, Ver	58.59	74	P
U35A	Fawnee	58.60	70	P
130A	Snyder	58.63	76	P
T36A	Boggs Farm, Ca	58.64	69	P
Q38A	Cooks Store, C	58.67	66	P
W34A	Bridge Creek,	58.76	71	P
S37A	Fort Scott	58.78	67	P
X33A	Lawton	58.79	72	P
P39A	Salisbury	58.81	65	P
131A	Roby	58.93	75	P
V35A	Meyer Ranch, C	58.95	70	P
Q39A	Willow Grove F	58.98	65	P
Z30A	Sterling City	59.02	76	P
R38A	Fenwick Farm,	59.03	66	P
Z32A	Haskell	59.05	74	P
Y33A	Hilltop Ranch,	59.08	73	P
WMQ	Urumqi	59.09	303	eP
WMQ	WMQ	00 53 21.0	+1.4	pP
WMQ	WMQ	00 53 28.3	+2.3	pP
WMQ	WMQ	01 01 24.3	-1.2	S
WMQ	comp=Z,9.0nm,0.9s	PMZ		
WMQ	comp=Z,130nm,4.7s	LN		
WMQ	comp=Z,350nm,24.0s	LE		
WMQ	comp=Z,300nm,19.3s	LZ		
X34A	Smith Ranch, M	59.15	72	P
T37A	Cheneyville 18	59.16	68	P
U36A	Oologah	59.18	69	P
TX31	Lajitas Ar. Si	59.22	80	eP
TXAR	Lajitas Array	59.22	80	P
TXAR	comp=Z,1.6nm,0.9s,baz=291,slow=3.9,SNR=6.6	LR	LR	01 18 30.5
TXAR	comp=Z,85nm,18.2s,baz=0.0,slow=96	pmax	pmax	
TXAR	Lajitas Array	59.22	80	P
TXAR	comp=Z,2.0nm,1.0s	MLR	MLR	
TXAR	comp=Z,85nm,18.2s	MLR	MLR	
330A	Mertzton	59.32	77	P
W35A	Tecumseh	59.35	71	P
ABTX	Abilene, Hawle	59.42	75	P
R39A	Chumby, Stover	59.44	66	P
V36A	Jenks	59.47	70	P
TUL1	Tulsa	59.47	70	P
Z31A	Bronte	59.48	76	P
Z33A	Whitaker Ranch	59.49	74	P
Q40A	Laux Farm, Aux	59.53	65	P
U37A	Salina	59.53	69	P
Y34A	Reagan Ranch,	59.62	74	P
W36A	Wetumka	59.74	70	P
X35A	Drake	59.81	72	P
MKAR	Makanchi Array	59.84	308	P
MKAR	comp=Z,2.1nm,0.7s,baz=50,slow=6.8,SNR=25	pmax	pmax	
MKAR	Makanchi Array	59.84	308	eP
MKAR	comp=Z,2.0nm,0.7s	pmax	pmax	
GYA	Guiyang	59.84	276	eP
GYA	GYA	00 53 23.9	-0.8	P
GYA	GYA	00 53 26.0	+0.9	PP
GYA	GYA	00 50 40.3	+3.3	PP
GYA	GYA	00 58 11.8	+0.6	ScP
GYA	GYA	01 01 34.6	-1.1	S
GYA	GYA	01 05 31.5	-0.1	SS
GYA	comp=Z,10.0nm,1.0s	PMZ		
MK01	Makanchi Array	59.85	308	eP
331A	San Angelo	59.85	76	P
133A	Hamilton Ranch	59.87	74	P
V37A	Green Hill	59.88	69	P
R40A	Maddies Statio	59.90	65	P
Z32A	Coleman	59.92	75	P
U38A	Gravette	59.94	68	P
Z34A	Collier Ranch,	59.95	73	P
MAK2	Makanchi	59.98	308	eP
HDIL	Hopedale	60.03	62	P
X36A	Centrahoma	60.06	71	P
530A	J-C Ranch, Com	60.09	78	P
Y35A	Marietta	60.11	72	P
431A	Sonora	60.17	77	P
332A	Millersview	60.22	76	P

233A	Rising Star	60.29	75	P	P	00 53 27.6	-0.4
V38A	Canehill	60.32	69	P	P	00 53 27.8	-0.4
Z35A	Perchaven, San	60.38	73	P	P	00 53 28.4	-0.2
134A	White-Moore Ra	60.40	74	P	P	00 53 28.4	-0.3
432A	Menard	60.54	76	P	P	00 53 29.5	-0.2
Y36A	Durant						

18d 1h

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes stations like Center Grove, Eagle Lake, Bronson, Hebronville, Waverly, etc.

2010 DEC

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes stations like BRG Berggiesshubel, Kraliky, Kalwaria Pacla, etc.

762

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes sections for MEX, PRU, BEO, and ISK with various station details.

s-min=31.0km az=158.0, Western Arabian Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KMBO	Kilima Mbogo	14.81 207	Lg	01 17 38.3	
KMBO	Comp=Z, 1.0nm, 0.3s, baz=118, slow=8, SNR=1		LR	01 18 48.3	
NSR	Nassiriya	18.84 6	eP	01 14 03.3	
NSR	baz=199				
IKRK	Kirkuk	23.11 1	eS	01 17 54.3	
IKRK	baz=199				
TORD	Torodi Ar. Bea	41.20 276	P	01 17 36.3 +0.1	
MKAR	Makanchi Array	47.21 36	P	01 18 24.2 -0.1	
ZALV	Zalesovo Beam	52.68 29	P	01 19 05.4 -0.2	
SOMM	Songino Array	62.63 42	P	01 20 16.1 0.0	

IDC 18 01:11:52.6:7.9, 30.785x177.69W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/26, mbtm3.5/2, Error ellipse: s-maj=332.1km s-min=62.0km az=156.0, Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
ASAR	Alice Springs	43.35 267	Op	01 19 56.9 0.0	
WRA	Warrungama Arr	44.38 272	P	01 20 04.7 -0.3	
FINES	FINESS Array B	145.59 340	PKPbc	01 31 31.5 -0.6	

IDC 18 01:33:40.8:1.7, 32.32N:85.46E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.3/28, mbtm3.4/4, ML2.7/1, Error ellipse: s-maj=55.1km s-min=28.4km az=62.0, Zizang

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
MKAR	Makanchi Array	14.66 351	Pn	01 37 06.7 -2.8	
SOMM	Songino Array	22.18 40	P	01 38 39.2 +0.5	
FINES	FINESS Array B	147.64 326	P	01 42 18.6 +0.1	
WRA	Warrungama Arr	69.91 131	P	01 44 53.9 -0.1	

ISCJB 18 02:03:17.9:0.4, 36.52N:0.02:120.49W:0.03, h10km, mb2.9/1, Error ellipse: s-maj=4.0km s-min=2.7km az=144.1

IDC 18 02:03:18.9:1.3, 36.37N:120.47W, h0km, mb3.0/1, mb1 3.5/7, mb1mx3.3/42, mbtm3.2/7, ML3.6/6, MS2.6/3, Ms1 2.6/3, ms1mx2.5/12, Error ellipse: s-maj=15.1km s-min=9.2km az=73.0

NEIC 18 02:03:19.3:36.46N:120.56W, h8km, MW3.6(BRK), After NCEDC

ISC 18 02:03:17.9:0.8, 36.51N:0.02:120.53W:0.03, h10km, n53, r165/97, Central California

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
SAO	San Andreas Ge	0.79 289	Op	02 03 34.5 +0.8	
SAO	baz=1.1, SNR=73				
RCTC	Rector, Farmer	1.05 100	P	02 03 38.9 +0.2	
RCTC	baz=1.1, SNR=73				
SMMC	Simmler	1.27 160	P	02 03 41.8 -0.4	
SMMC	baz=1.2, SNR=40				
VES	Vestal, Richgr	1.34 119	P	02 03 43.2 -0.4	
VES	baz=1.3, SNR=167				
MLAC	Mammoth Lakes	1.76 50	P	02 03 52.5 +0.9	
MLAC	baz=1.8, SNR=171				
SAC	San Andreas	1.86 306	ePn	02 03 49.9 +0.2	
ISA	Isabella	1.86 116	P	02 03 51.3 -0.8	
ISA	baz=1.9, SNR=141				
ISA	Isabella	1.86 116	ePn	02 03 50.8 -1.2	
ISA	baz=1.9, SNR=141				
ISA	Isabella	1.86 116	ePn	02 03 54.7 +1.1	
ISA	baz=1.9, SNR=141				
TIN	Tinemaha	1.92 73	P	02 03 54.5 -0.3	
TIN	baz=2.0, SNR=211				
ARVC	Arvin	1.95 134	P	02 03 51.7 +0.7	
ARVC	baz=1.9, SNR=28				
SBC	Santa Barbara	2.16 162	P	02 03 54.8 +0.9	
SBC	baz=2.1, SNR=102				
OSI	Osito Adit	2.39 142	P	02 03 58.2 +1.1	
OSI	baz=2.4, SNR=8.7				
OSI	Osito Adit	2.39 142	ePn	02 03 57.8 +0.7	
OSI	baz=2.4, SNR=8.7				
MPMC	Manual Prospec	2.49 99	Pb	02 04 03.7 +0.8	
MPMC	baz=2.5, SNR=87				
GRAC	Grapevine Rang	2.58 78	P	02 04 03.3 -1.0	
GRAC	baz=2.6, SNR=102				
BSC	Santa Cruz Isl	2.61 163	P	02 04 00.6 +0.5	
BSC	baz=2.6, SNR=102				
NVAR	Minna Array Bea	2.61 42	Pn	02 04 04.9 0.0	
NVAR	45nm, 0.3s, baz=221, slow=15, SNR=219				
NVAR	64nm, 0.3s, baz=222, slow=20, SNR=283				
NVAR	38nm, 0.3s, baz=226, slow=31, SNR=6.3				
NVAR	Comp=Z, 2.23nm, 21.8s, baz=264, slow=46				
EDW2	Edwards Air Fo	2.62 127	P	02 04 01.7 +1.3	
EDW2	baz=2.6, SNR=17				
BLG	Laguna Peak	2.67 153	P	02 04 01.7 +0.7	
BLG	baz=2.6, SNR=17				
DEC	Green Verdugo	2.88 141	S	02 04 38.0 -0.5	
FURC	Furnace Creek	2.95 90	Pb	02 04 12.0 +1.4	
FURC	baz=3.0, SNR=32				
PASC	Pasadena Art C	3.01 140	ePn	02 04 06.5 +0.9	
PASC	baz=3.0, SNR=32				
GSC	Goldstone	3.25 111	P	02 04 11.5 +2.5	
GSC	baz=3.3, SNR=19				
GSC	Goldstone	3.25 111	ePn	02 04 10.7 +1.7	
GSC	baz=3.3, SNR=19				
GSC	Goldstone	3.25 111	ePn	02 04 49.9 +1.3	
GSC	baz=3.3, SNR=19				
BFSC	Mount Baldy Ra	3.25 133	P	02 04 10.4 +1.3	
BFSC	baz=3.2, SNR=6.9				
TPNV	Topopah Spring	3.46 81	P	02 04 15.6 -3.8	
TPNV	baz=3.5, SNR=34				
HEC	Hector, Ludlow	3.80 115	P	02 04 18.6 +2.0	
HEC	baz=3.8, SNR=9.9				
GMRC	Granite Mounta	4.32 112	P	02 04 25.3 +1.6	
GMRC	baz=4.3, SNR=9.9				
SHPR	Sheep Range	4.32 88	ePn	02 04 25.9 +2.0	
SHPR	baz=4.3, SNR=9.9				
SHPR	Sheep Range	4.32 88	ePn	02 04 40.8 +0.1	
SHPR	baz=4.3, SNR=9.9				
R11A	Troy Canyon, C	4.34 63	Pn	02 04 25.4 +4.3	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
R11A	Troy Canyon, C	4.34 63	ePn	02 04 28.5 +4.4	
R11A	Comp=Z, 1.0nm, 0.3s, baz=118, slow=8, SNR=1				
WDC	Whiskeytown Da	4.37 339	ePn	02 04 41.1 +0.1	
WDC	Comp=Z, 1.0nm, 0.3s, baz=118, slow=8, SNR=1				
PFO	Pinyon Flat Ob	4.42 130	Pn	02 04 38.7 -2.7	
PFO	0.7nm, 0.3s, baz=150, slow=13, SNR=3.5				
PFO	1.8nm, 0.3s, baz=329, slow=2.9, SNR=4.3				
PFO	Comp=Z, 34nm, 20.4s, baz=134, slow=41				
PFO	Comp=Z, 4.2nm, 0.3s, baz=305, slow=11, SNR=18				
LDFC	Landfair	4.63 106	ePn	02 04 45.3 -1.2	
LDFC	Comp=Z, 1.0nm, 0.3s, baz=118, slow=8, SNR=1				
BMN	Battle Mountai	4.70 32	ePn	02 05 33.0 +4.0	
BMN	Comp=Z, 1.0nm, 0.3s, baz=118, slow=8, SNR=1				
MONP	Monument Peak	4.94 136	P	02 04 33.7 +1.3	
MOD	Modoc	5.39 2	ePn	02 04 39.7 +1.2	
MOD	13nm, 0.3s, baz=118, slow=8, SNR=1				
MOD	Modoc	5.39 2	ePn	02 05 59.2 -1.9	
MOD	13nm, 0.3s, baz=118, slow=8, SNR=1				
MOD	Modoc	5.39 2	ePn	02 05 44.1 +3.3	
MOD	13nm, 0.3s, baz=118, slow=8, SNR=1				
MOD	Modoc	5.39 2	ePn	02 06 06.0 -5.0	
MOD	13nm, 0.3s, baz=118, slow=8, SNR=1				
YBH	Yreka Blue Hor	5.49 343	Pn	02 04 46.0 +6.3	
YBH	0.2nm, 0.3s, baz=168, slow=8.4, SNR=2.6				
YBH	Yreka Blue Hor	5.49 343	Pn	02 06 12.6 +0.2	
YBH	0.2nm, 0.3s, baz=168, slow=8.4, SNR=2.6				
GLA	Glamis	5.82 125	ePn	02 04 44.6 +0.3	
GLA	7.2nm, 0.6s				
GLA	Glamis	5.82 125	ePn	02 05 05.7 -3.6	
GLA	7.2nm, 0.6s				
GLA	Glamis	5.82 125	ePn	02 05 50.7 -0.4	
GLA	7.2nm, 0.6s				
CCUT	Cedar City	5.82 78	ePn	02 06 20.8 -3.9	
CCUT	17nm, 0.9s				
CCUT	Cedar City	5.82 78	ePn	02 04 47.5 +3.0	
CCUT	17nm, 0.9s				
ELK	Elko	5.92 43	ePn	02 05 08.8 -0.7	
ELK	0.3nm, 0.3s, baz=30, slow=0.7, SNR=12				
ELK	Elko	5.92 43	ePn	02 04 49.6 +3.8	
ELK	0.3nm, 0.3s, baz=30, slow=0.7, SNR=12				
ELK	Elko	5.92 43	ePn	02 06 24.9	
ELK	2.2nm, 0.3s, baz=30, slow=0.3, SNR=7				
ELK	Comp=Z, 2.2nm, 21.1s, baz=315, slow=44				
ELK	Elko	5.92 43	ePn	02 04 50.3 +4.4	
ELK	6.4nm, 0.6s				
ELK	Elko	5.92 43	ePn	02 05 07.7 -3.6	
ELK	6.4nm, 0.6s				
ELK	Elko	5.92 43	ePn	02 06 24.9	
ELK	2.2nm, 0.3s, baz=30, slow=0.3, SNR=7				
WVOR	Wild Horse Val	6.10 13	ePn	02 05 07.7 -3.6	
WVOR	6.4nm, 0.9s				
WVOR	Wild Horse Val	6.10 13	ePn	02 06 24.9	
WVOR	6.4nm, 0.9s				
MSU	Marysvalle	6.93 71	ePn	02 06 25.5 -2.4	
MSU	14nm, 0.9s				
DUG	Dugway	7.09 56	ePn	02 04 49.4 +1.2	
DUG	4.6nm, 0.6s				
DUG	Dugway	7.09 56	ePn	02 05 11.9 -2.7	
DUG	4.6nm, 0.6s				
DUG	Dugway	7.09 56	ePn	02 06 30.6 -3.0	
DUG	4.6nm, 0.6s				
MSU	Marysvalle	6.93 71	ePn	02 05 01.3 +1.5	
MSU	14nm, 0.9s				
DUG	Dugway	7.09 56	ePn	02 05 28.8 -1.8	
DUG	4.6nm, 0.6s				
DUG	Dugway	7.09 56	ePn	02 05 04.0 +2.1	
DUG	4.6nm, 0.6s				
DUG	Dugway	7.09 56	ePn	02 05 33.2 -0.4	
DUG	4.6nm, 0.6s				
DUG	Dugway	7.09 56	ePn	02 07 03.6 -1.8	
DUG	4.6nm, 0.6s				
BGU	Big Grassy Mou	7.33 51	ePn	02 05 07.1 +1.9	
BGU	6.3nm, 1.0s				
BGU	Big Grassy Mou	7.33 51	ePn	02 05 38.1 -0.1	
BGU	6.3nm, 1.0s				
BGU	Big Grassy Mou	7.33 51	ePn	02 06 30.7 +2.1	
BGU	6.3nm, 1.0s				
BGU	Big Grassy Mou	7.33 51	ePn	02 07 09.4 -3.9	
BGU	6.3nm, 1.0s				
NLU	North Lily Min	7.49 60	ePn	02 05 05.8 +1.1	
NLU	5.0nm, 0.9s				
NLU	North Lily Min	7.49 60	ePn	02 05 37.8 -3.4	
NLU	5.0nm, 0.9s				
NLU	North Lily Min	7.49 60	ePn	02 06 33.3 +0.8	
NLU	5.0nm, 0.9s				
NLU	North Lily Min	7.49 60	ePn	02 07 18.5 +2.0	
NLU	5.0nm, 0.9s				
MFID	Camas Ranch	7.79 26	ePn	02 05 14.2 +2.8	
MFID	3.6nm, 0.8s				
MFID	Camas Ranch	7.79 26	ePn	02 05 44.6 -2.3	
MFID	3.6nm, 0.8s				

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Palaion Diesel, Kozani, Lefkada island, etc.

ISCJB 18 02:55:46.4+0.2, 37.85N+0.02, 115.11W+0.02, h10km, Error ellipse: s-maj=2.9km s-min=1.8km az=37.2

NEIC 18 02:55:46.5, 37.82N, 115.22W, h5km, ML3.5(REN), After REN.

ISC 18 02:55:46.5, 37.31N+0.01, 115.21W+0.02, h10km, n58, t157/125, Southern Nevada

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Troy Canyon, Topopah Spring, Indian Springs, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Dry Willow Pea, Furnace Creek, Blowhard Mount, etc.

KRSC 18 03:06:28.2+1.6, 50.92N+158.29E, h50km, 23km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Pauzhetka, Severo-Kuril's, Asacha, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Somma, Koryakia, Sedlovina, etc.

DJA 18 03:07:27.8+0.4, 9.5S+4.11E, h10km, M4.2/22, ML4.2/29, ML4.2/22, Jawa

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Wanaagama, Wonogiri, Pacitan, etc.

ISCJB 18 03:28:37.2+1.1, 38.45N+0.05, 27.16E+0.07, h4km, 8km, Error ellipse: s-maj=10.6km s-min=6.3km az=38.6

DDA 18 03:28:38.5, 38.38N+27.13E, h7km, M2.4, CSEM 18 03:28:38.9+1.0, 38.46N+27.30E, h2km, M2.5, Error ellipse: s-maj=22.4km s-min=13.2km az=111.0

ISK 18 03:28:38.1, 38.40N+27.40E, h5km, M2.5, ISC 18 03:28:37.8+1.2, 38.46N+0.06, 27.22E+0.05, h11km, 5km, n11, t103/20, Turkey

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

BGR 18 04:04:12.3, 19.98S+179.82W, h451km, MOS 18 04:04:27.8+1.2, 17.71S+178.45W, h567km, mb4.6/28, Error ellipse: s-maj=12.0km s-min=8.6km az=144.4

ISCJB 18 04:04:27.9+0.1, 17.93S+0.05, 178.43W+0.03, h57km, mb4.6/128, Error ellipse: s-maj=7.4km s-min=2.8km az=157.1

AUST 18 04:04:27.4+0.0, 17.84S+178.38W, h551km, Error ellipse: s-maj=1.7km s-min=1.4km az=257.0

NEIC 18 04:04:29.4+1.0, 17.88S+178.43W, h585km, 12km, mb4.6/102, Error ellipse: s-maj=8.3km s-min=4.5km az=157.0

BUL 18 04:04:29.2, 17.23S+178.42W, h565km, mb4.7/24, mb4.8/16

IDC 18 04:04:32.4+1.4, 17.84S+178.51W, h616km, 16km, mb3.9/24, mb1.4/124, mb1mx4.0/33, mbmtmp4.9/24, Error ellipse: s-maj=12.9km s-min=8.4km az=146.0

ISC 18 04:04:28.7+0.3, 17.85S+0.07, 178.40W+0.06, h579km, n59.1, t08/84/59.1, mb4.6/129, 16c=24D, Fijian Islands region

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

18d 4h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like S22A 4UR Ranch, CHMT Chamberlain Mo, Q20A White River, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, etc.

766

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Q32A Meitler Ranch, E26A Carlson Angus, Y36A Durant, etc.

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

IDC 18 04:28:38.7, 0.9, 5.94S, 146.90E, h0km, mb4.0/10, mb1.4/21.2, mbtm3.4/0.12, ML3.8/2, MS3.2/7, Ms1.3/2.7, ms1.8/2.8/1, Error ellipse: s-maj=30.3km s-min=19.0km az=105.0

NEIC 18 04:28:46.6, 1.5, 6.01S, 146.84E, h50km, 14km, mb4.3/5, Error ellipse: s-maj=12.7km s-min=11.2km az=116.0

ISCJB 18 04:28:46.9, 0.6, 6.10S, 0.05x146.8E, 0.1, h78km, mb4.0/14, Error ellipse: s-maj=15.1km s-min=7.1km az=174.0

ISC 18 04:28:48.7, 0.7, 6.10S, 0.07x146.7E, 0.1, h78km, n34, s121/25, mb4.0/14, Eastern New Guinea region

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

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

MDD 18 04:31:39.4, 3.0, 35.43N, 4.88E, h0km, mb4.2/19, Error ellipse: s-maj=31.6km s-min=17.5km az=144.0, PXR/MO

CRAAG 18 04:31:41.3, 35.669N, 4.94E, M14, IDC 18 04:31:43.9, 1.7, 35.721N, 4.93E, h0km, mb2.9/2, mb1.3/1.5, mb1mx3.0/5.9, mbtm3.0/5, ML3.3/3, Error ellipse: s-maj=32.7km s-min=23.3km az=161.0

CSEM 18 04:31:43.5, 0.5, 35.68N, 4.51E, h5km, ML4.1, Error ellipse: s-maj=12.6km s-min=5.0km az=171.0

ISCJB 18 04:31:44.6, 0.5, 35.79N, 0.05x4.47E, 0.0, h2km, mb2.8/2, Error ellipse: s-maj=7.2km s-min=3.2km az=6.4

ISC 18 04:31:46.0, 1.0, 35.78N, 0.07x4.51E, 0.0, h2km, n55, s143/76, Northern Algeria

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

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

IDC 18 04:32:22.1, 1.3, 41.86N, 29.48W, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.5/5.9, mbtm3.7/6, MS3.5/12, Ms1.3/2.12, ms1mx3.2/5.0, Error ellipse: s-maj=43.2km s-min=25.8km az=32.0, Azores Islands region

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

ISCJB 18 04:55:38.4, 0.6, 56.83N, 0.04x154.94W, 0.0, h60km, 8km, mb3.4/1, Error ellipse: s-maj=7.3km s-min=5.7km az=178.5

NEIC 18 04:55:39.8, 56.83N, 154.97W, h46km, ML3.2(AEIC), After IDC 18 04:55:41.0, 0.6, 56.83N, 153.60W, h0km, mb3.1/2, mb1.3/6.4, mb1mx3.4/6, mbtm3.2/4, ML3.4/2, Error ellipse: s-maj=10.2km s-min=2.4km az=83.0

ISC 18 04:55:39.9, 1.1, 56.87N, 0.05x154.92W, 0.0, h43km, 15km, n31, s110/40/39, Kodiak Island region

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

BJI 18 05:06:16.0, 9.99N, 126.32E, h14km, mb5.2/84, mb5.4/72, Ms5.4/90, Ms7.5/3/80

GCMT 18 05:06:21.7, 0.1, 10.45N, 126.44E, h20km, MW5.6/114, Moment Tensor Solution: s105 c185, s114 c283, Duration: 166 Moment tensor: Scale 10^17N; Mw: 2.15; Mo: 0.12; Mv: 2.28; O: Mw: 0.24; Ms: Mw: 0.17; Mo: 2.47; O: Best double couple: Mo: 3.31000x10^17 NP1: 0.3, 0.00000, 0.69, 0.00000, 1.95, 0.00000. NP2: 0.168, 0.00000, 0.821, 0.00000, 1.76, 0.00000. Principal axes: T 3.2790, Plg65.0000, Azm283.0000; N 0.0990, Plg5.0000, Azm181.0000; P -3.3830, Plg24.0000, Azm89.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

DL2	Dalian	28.71 353	P	P	05 12 17.9 -1.2
DL2			S	S	05 17 06.0 +0.9
DL2	comp=Z,72nm,1.4s		PMZ		
DL2	comp=Z,420nm,10.4s		LN		
DL2	comp=Z,2um,12.6s		LE		
DL2	comp=Z,2um,14.4s		LZ		
DL2	comp=Z,2um,20.5s		LZ		
KCSI	Kotaace, Aceh	29.00 258	P	P	05 12 21.9 -0.2
CD2	comp=Z,44nm,0.9s,comp=Z,895nm				
CD2	Chengdu	29.19 318	P	P	05 12 22.3 -1.3
CD2			sP	S	05 12 13.1 -1.0
CD2			S	S	05 17 17.0 +4.0
CD2			SS	SnSn	05 18 53.8 +1.3
CD2	comp=Z,50nm,0.8s		PMZ		
CD2	comp=Z,740nm,10.7s		PMZ		
CD2	comp=Z,8um,16.9s		LN		
CD2	comp=Z,7um,16.0s		LE		
CD2	comp=Z,9um,15.1s		LZ		
SISI	Saibi	29.37 248	P	P	05 12 28.2 +2.9
LHMI	Lhok Samawe	29.41 262	P	P	05 12 27.5 +1.9
LHMI	Lhok Samawe	29.41 262	P	P	05 12 25.6 0.0
COEN	Coen	29.46 145	eP	P	05 12 24.9 -1.1
RABL	Rabaul	29.63 118	eP	P	05 12 27.4 -0.2
GSI	Gunungsitoli	29.83 254	eP	P	05 12 29.7 +0.3
GSI	Gunungsitoli	29.83 254	eP	P	05 12 28.8 -0.6
TIY	Taiyuan	29.91 338	P	S	05 12 29.5 -0.4
TIY			S	S	05 17 25.3 +1.1
TIY	comp=Z,530nm,4.6s		LN		
TIY	comp=Z,3um,15.1s		LN		
TIY	comp=Z,750nm,14.9s		LZ		
MLSI	Meulaboh, Aceh	30.15 261	P	P	05 12 32.1 -0.1
BJT	Bajiatuau	30.84 345	PFAKE	LR	05 12 50.0 +1.2
BJI	Beijing	30.86 345	P	S	05 12 37.3 -0.8
BJI			sP	S	05 12 49.0 -6.8
BJI			S	S	05 17 38.6 -0.3
BJI			SS	PMZ	05 17 51.8 -7.5
BJI	comp=Z,51nm,1.6s		PMZ		
BJI	comp=Z,970nm,3.6s		LN		
BJI	comp=Z,3um,18.8s		LE		
BJI	comp=Z,1um,15.3s		LZ		
WRAB	Tennant Creek	31.16 165	eP	P	05 12 40.0 -1.1
WRAB			pmax	pmax	
WRAB	comp=Z,71nm,1.4s		MLR	MLR	
WRAB	comp=Z,2um,19.0s		P	P	05 12 39.8 -1.2
WRAB	Tennant Creek	31.16 165	eP	P	05 12 40.0 -1.1
WRAB	comp=Z,117nm,1.0s,SNR=6.0				
WRAB	Tennant Creek	31.16 165	eP	P	05 12 40.0 -1.1
WRAB	comp=Z,72nm,1.4s		LR	LR	
WRA	Warramunga Arr	31.17 165	P	P	05 12 39.0 -2.1
WRA	comp=Z,8.3nm,0.8s,baz=342,slow=9.9,SNR=24		S	S	05 17 38.0 -6.1
WRA	comp=Z,6.9nm,1.1s,baz=340,slow=15,SNR=4.8		LR		05 28 13.5
WRA	comp=Z,2um,18.6s,baz=345,slow=42		P	P	05 12 39.0 -2.1
WRA	Warramunga Arr	31.17 165	P	S	05 17 38.0 -6.1
WRA			pmax	pmax	
WRA	comp=Z,8.0nm,0.8s		smax	smax	
WRA	comp=N,7.0nm,1.1s		MLR	MLR	
WC3	Warramunga Arr	31.19 165	eP	P	05 12 39.6 -1.7
WC3	comp=Z,49nm,1.0s				
SNY	Shenyang	31.42 356	P	S	05 12 42.9 -0.1
SNY			S	S	05 17 49.0 +1.4
SNY			SS	SnSn	05 19 39.3 +4.3
SNY	comp=Z,33nm,1.6s		LN		
SNY	comp=Z,3um,17.0s		LE		
SNY	comp=Z,4um,14.5s		LZ		
SNY	comp=Z,3um,19.7s		LZ		
CMBY	CAMPBELL BAY	32.06 267	eP	P	05 12 47.7 -1.4
MSHR	Mys Shuitsea	32.38 71	eP	P	05 12 51.1 -0.4
LZH	Lanzhou	32.65 325	P	P	05 12 54.0 -0.2
LZH			pP	pP	05 13 00.3 -6.1
LZH			pP	sP	05 13 03.5 -8.4
LZH			S	S	05 18 10.4 +3.1
LZH			sS	SS	05 18 17.4 -1.0
LZH	comp=Z,48nm,1.0s		PMZ		
LZH	comp=Z,190nm,4.2s		PMZ		
LZH	comp=Z,5um,15.7s		LN		
LZH	comp=Z,4um,14.9s		LE		
LZH	comp=Z,5um,18.1s		LZ		
DGPR	Port Blair	32.67 278	eP	P	05 12 52.7 -1.7
PBA	Hu-ho-hao-te	32.85 275	eP	P	05 12 54.3 -1.6
HHC		33.00 339	eP	P	05 12 56.9 -0.2
HHC			PP	PnPn	05 14 08.4 +0.9
HHC			S	S	05 18 15.6 +3.1
HHC			SS	SnSn	05 20 15.5 +1.9
HHC			ScS	ScS	05 23 24.8 +3.6
HHC	comp=Z,56nm,1.2s		PMZ		
HHC	comp=Z,820nm,7.4s		PMZ		
HHC	comp=Z,3um,13.3s		LN		
HHC	comp=Z,1um,13.1s		LE		
HHC	comp=Z,3um,13.2s		LZ		
CN2	Changchun	33.31 359	eP	P	05 13 02.6 +3.0
CN2			PMZ	S	05 18 18.4 +1.4
CN2	comp=Z,20nm,0.7s		PMZ		
CN2	comp=Z,200nm,4.0s		LN		
CN2	comp=Z,2um,15.0s		LE		
CN2	comp=Z,1um,15.0s		LZ		
CN2	comp=Z,2um,14.0s		LZ		
BTO	Baotou	33.34 337	eP	P	05 12 59.0 -1.1
BTO			PMZ		
USRK	Ussuriysk Arr	34.08 7	P	P	05 13 05.7 -0.6
USRK	comp=Z,8.2nm,0.7s,baz=182,slow=9.0,SNR=16		LR		05 26 08.7
MDJ	Mudanjiang	34.25 4	P	P	05 13 07.8 0.0
MDJ			pP	pP	05 13 13.5 -6.5
MDJ			sP	sP	05 13 17.3 -8.1
MDJ			PP	PP	05 14 25.1 -0.9

MDJ			PcP	PcP	05 15 45.4 +1.9
MDJ			S	S	05 18 32.1 +0.6
MDJ			ScP	ScP	05 19 29.4 +4.4
MDJ			PcS	PcS	05 19 31.1 +1.4
MDJ			ScS	ScS	05 23 30.1 +2.8
MDJ	comp=Z,28nm,1.5s		PMZ		
MDJ	comp=Z,340nm,8.5s		LN		
MDJ	comp=Z,2um,16.0s		LE		
MDJ	comp=Z,960nm,14.9s		LZ		
MDJ	comp=Z,2um,14.9s		LR	LR	05 13 20.0 +1.2
MDJ	comp=Z,2um,20.0s		LR	LR	
ASAR	Alice Springs	34.66 168	P	P	05 13 10.2 -1.4
ASAR	comp=Z,3.4nm,0.4s,baz=355,slow=7.1,SNR=40		S	S	05 18 34.5 -3.8
ASAR	comp=Z,4.9nm,1.0s,baz=350,slow=18,SNR=4.2		P	P	05 13 10.2 -1.4
ASAR	Alice Springs	34.66 168	P	S	05 18 34.5 -3.8
ASAR			smax	smax	
ASAR	comp=Z,3.0nm,0.4s		smax	smax	
ASAR	comp=N,5.0nm,1.0s		smax	smax	
AS01	Alice Springs	34.66 167	eP	P	05 13 10.4 -1.2
ERM	Erimo	34.86 22	PFAKE	LR	05 13 20.0 +6.9
ERM			LR	LR	
SHL	Shilling	35.83 300	eP	P	05 13 19.7 -2.2
CTA	Charters Towers	36.14 147	P	P	05 13 24.6 +0.3
CTA	comp=Z,32nm,0.8s,baz=324,slow=11,SNR=42		ScP	ScP	05 19 32.6 +0.4
CTA	comp=Z,8.3nm,1.0s,baz=318,slow=6.7,SNR=5.5		P	P	05 13 24.6 +0.3
CTAO	Charters Tower	36.14 147	eP	pmax	
CTAO	comp=Z,157nm,1.5s		MLR	MLR	
CTAO	comp=Z,5um,19.0s		LR	LR	
CTAO	Charters Tower	36.14 147	eP	P	05 13 24.6 +0.3
CTAO	comp=Z,157nm,1.5s		LR	LR	
ASAJ	Asahikawa	36.50 20	P	P	05 13 29.3 +2.2
ASAJ	comp=Z,30nm,1.2s,baz=212,slow=14,SNR=4.9		LR	LR	
ASAJ	comp=Z,3um,18.4s,baz=216,slow=39		P	P	05 13 29.3 +2.2
ASAJ	Asahikawa	36.50 20	P	pmax	
ASAJ	comp=Z,30nm,1.2s		MLR	MLR	
ASAJ	comp=Z,3um,18.4s		P	P	05 13 29.6 +2.5
ASAJ	Asahikawa	36.50 20	eP	P	05 13 33.4 -0.4
GTA	Gaotai	37.26 325	P	P	05 13 39.0 -7.1
GTA			pP	pP	05 13 42.1 -9.5
GTA			sP	sP	05 15 01.3 +1.0
GTA			ScP	ScP	05 15 52.8 0.0
GTA			PcP	PcP	05 19 19.1 +1.1
GTA			S	S	05 19 28.4 -7.8
GTA			ScP	ScP	05 19 36.3 0.0
GTA			PcS	PcS	05 19 39.3 -1.9
GTA			SS	SS	05 21 49.8 -7.0
GTA			ScS	ScS	05 23 44.4 +0.1
GTA			PMZ		
GTA	comp=Z,69nm,1.2s		PMZ		
GTA	comp=Z,600nm,7.8s		LN		
GTA	comp=Z,4um,18.5s		LE		
GTA	comp=Z,4um,17.1s		LZ		
GTA	comp=Z,6um,17.6s		LZ		
YUK	Yuzh-Kuril'sk	37.62 23c	P	P	05 13 35.3 -1.3
YUK			iS	S	05 19 22.9 -0.2
LSA	Lhasa	37.91 306	P	S	05 13 39.5 -0.3
LSA			PMZ		
LSA	comp=Z,30nm,1.2s		LR		05 13 50.0 +1.0
LSA	Lhasa	37.91 306	PFAKE	LR	
LSA	comp=Z,3um,19.0s		P	P	05 13 42.8 -2.8
HABR	Khabarovsk	38.70 9c	P	P	05 13 58.0 0.0
HABR			e'PP	pP	05 14 04.9 +1.5
HABR			e'SP	sP	05 15 12.4
HABR			e	e	05 15 53.2
HABR			eS	S	05 19 36.1 -3.2
HABR			e'SS	SS	05 20 02.1 +2.1
HABR			e'SS	SS	05 22 28.9 -2.1
HABR			e	e	05 23 46.5
HABR	comp=Z,76nm,1.7s		pmax	pmax	
HABR	comp=N,40nm,1.8s		pmax	pmax	
HABR	comp=N,40nm,1.8s		pmax	pmax	
HABR	comp=E,40nm,1.8s		MLR	MLR	
HABR	comp=E,1um,20.0s		MLR	MLR	
HABR	comp=Z,2um,17.0s		MLR	MLR	
HABR	comp=N,1um,16.0s		MLR	MLR	
HNR	Honiara	38.92 119	LR	LR	05 28 00.6
KLR	Kul'dur	39.02 6	P	P	05 13 47.7 -0.6
KLR	comp=N,6.5nm,0.6s,baz=179,slow=6.2,SNR=28		LR	LR	05 29 06.4
YSS	Yuzh-Sakhalins	39.08 18f	eP	P	05 13 47.9 -0.9
YSS			e'SP	sP	05 13 59.0 -7.6
YSS			e	e	05 15 18.0
YSS			eS	ScP	05 19 43.0 +0.2
YSS			pmax	pmax	
YSS	comp=Z,50nm,1.2s		pmax	pmax	
YSS	comp=Z,500nm,4.0s		MLR	MLR	
YSS	comp=N,2um,17.0s		MLR	MLR	
YSS	comp=Z,2um,17.0s		MLR	MLR	
YSS	comp=E,500nm,16.0s		MLR	MLR	
YSS	Yuzh-Sakhalins	39.08 18	eP	P	05 13 48.3 -0.5
HIA	Hailar	39.15 353	PFAKE	LR	05 14 00.0 +1.1
HIA			LR	LR	
KUR	Kuril'sk	39.41 24	P	P	05 13 54.8 +3.2
KUR			eS	pmax	05 19 49.4 -0.7
KUR	comp=Z,78nm,1.7s		pmax	pmax	
KUR	comp=Z,352nm,4.7s		MLR	MLR	
KUR	comp=N,759nm,17.0s		MLR	MLR	
KUR	comp=E,527nm,17.0s		MLR	MLR	
KUR	comp=Z,1um,17.0s		MLR	MLR	
TAPN	Tapejung	39.94 300	eP	P	05 13 55.2 -1.5
TAPN	comp=Z,89nm,1.0s		LR	LR	
H1S3	WAKE ISLAND Hy	39.97 74	T	T	05 57 00.8
H1S1	WAKE ISLAND Hy	39.98 74	T	T	05 57 03.0
H1S2	WAKE ISLAND Hy	39.98 74	T	T	05 57 00.7
WAKE	Wake Island	40.02 72	PFAKE	LR	05 14 10.0 +1.3
WAKE	comp=Z,2um,19.0s		LR	LR	
ODAN	Odare	40.06 300	eP	P	05 13 56.2 -1.5
H1N1	WAKE ISLAND Hy	40.30 72	T	T	05 57 21.8
H1N2	WAKE ISLAND Hy	40.30 72	T	T	05 57 22.6
H1N3	WAKE ISLAND Hy	40.31 72	T	T	05 57 23.4
BOK	Bokaro	40.62 294	eP	P	05 14 00.2 -1.9
ULN	Ulaanbaatar	40.70 340c	iP	P	05 14 02.3 -0.2
ULN			i'PP	pP	05 14 17.4 +2.4

ULN			pmax	pmax	
ULN	comp=Z,18nm,1.0s		MLR	MLR	
ULN	comp=Z,2um,17.0s		P	P	05 14 02.9 +0.4
ULN	Ulaanbaatar	40.7			

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like HAWA Hanford, FETA Newport, FUORNI Openpass-Fuorni, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like X31A McDonald Ranch, P37A Lathrop, S35A Otter Creek Ra, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like PKME Wyandotte Cave, WCI Wyandotte Cave, WNT Waverly, etc.

NEIC 18 05:14:38.9,0.3, 10:35N,126:12E, h10km, mb4.7/18, Error ellipse: s-maj=11.8km s-min=5.9km az=71.0

Table with columns: Code, Station Name, Azimuth, Phase, and other technical details. Includes stations like SCPH Surigao, SCPH Maasin, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Cagayan de Oro, Musuan, Davao City, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yellowknife Ar, Torodi Ar, Paso Flores, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Dot Lake, EGAK, DAWY, etc.

18 Dec 6h

Table of astronomical observations for 18 Dec 6h, listing station names (e.g., SADO, WMO, MKAR), station names, coordinates, and observation details.

2010 DEC

Table of astronomical observations for 2010 DEC, listing station names (e.g., KRSR, CMAR, FITZ), station names, coordinates, and observation details.

774

Table of astronomical observations for 774, listing station names (e.g., KFL, KFL, KFL), station names, coordinates, and observation details.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KRND, AGG Agios Georgios, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KNT Kendrikon, KNT Kendrikon, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KEST, KEST Kesra, BOUS Bojanci, etc.

18d 6h

2010 DEC

Table with columns: BRG, comp, time, freq, SNR, and various status indicators (P, S, M, etc.). Includes stations like MOF, MALTR, TR2, EIL, ECH, LANF, AK11, KIEV, etc.

Table with columns: VRH, Novokhoporsk, time, freq, SNR, and various status indicators. Includes stations like ZKTA, ZKTA, ZKTA, etc.

Table with columns: ARU, ARU, time, freq, SNR, and various status indicators. Includes stations like ARU, ARU, ARU, etc.

Table with columns: UPC, comp, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Upeice, Dobruska-Polom, Panska Ves, etc.

IPEC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA, ARSA, KRUC, etc.

CLL Collm 4.2nm,0.7s 4.03 327 eSg Sg 06 21 59.0 -1.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI, CMAR, WRA, etc.

IDC 18 06:29:36.7:0.9, 10.51N:126.47E, h0km, mb3.9/10, m1 4.0/0, m1mx3.8/46, mbtmp3.9/10, MS3.1/1

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

IDC 18 06:29:42.7:2.3, 10.45N:108.126:4E:0.1, h40km, 21km, n27, r134/27, mb3.9/10, 2C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCPH, MSLP, BUTP, etc.

IDC 18 06:58:50.4:1.1, 10.46N:126.26E, h0km, mb3.9/8, m1 4.0/8, m1mx3.7/43, mbtmp3.9/8, MS3.1/1, Ms1 3.3/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1S1, H1S2, etc.

IDC 18 06:30:24.5:5.0, 27.95N:84.65E, h0km, mb3.7/5, m1 3.9/5, m1mx3.4/52, mbtmp3.7/5, MS3.8/2, Ms1 3.8/2

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

IDC 18 06:19:51.6:1.5, 47.98N:16.46E, h2km, ML2.0/2, Error ellipse: s-maj=7.8km s-min=3.4km az=117.0

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

IDC 18 06:30:24.5:5.0, 27.95N:84.65E, h0km, mb3.7/5, m1 3.9/5, m1mx3.4/52, mbtmp3.7/5, MS3.8/2, Ms1 3.8/2

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

CLCH comp=N,2jtm,0.4s AML AML 06 49 03.9

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

AUST 18 06:58:18.0, 3.26S:152.54E, h60km, m1 4.0/6, m1mx3.5/41, mbtmp4.2/6, MS3.0/2, Ms1 3.0/2

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

IDC 18 06:58:18.6:1.3, 3.8S:152.6E:0.1, h35km, n20, r1915/17, mb4.0/5, New Ireland region

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

IDC 18 06:29:36.7:0.9, 10.51N:126.47E, h0km, mb3.9/10, m1 4.0/0, m1mx3.8/46, mbtmp3.9/10, MS3.1/1

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

IDC 18 06:58:50.4:1.1, 10.46N:126.26E, h0km, mb3.9/8, m1 4.0/8, m1mx3.7/43, mbtmp3.9/8, MS3.1/1, Ms1 3.3/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1S1, H1S2, etc.

IDC 18 06:30:24.5:5.0, 27.95N:84.65E, h0km, mb3.7/5, m1 3.9/5, m1mx3.4/52, mbtmp3.7/5, MS3.8/2, Ms1 3.8/2

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

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

IDC 18 06:19:52.0:1.47.95N:16.45E, h9km, mb3.0/2, Error ellipse: s-maj=1.3km s-min=0.6km az=147.0

KBTR Sn 07 01 29.0 +3.2
SKR Severo-Kuril's 3.81 227 eS Sn 07 01 44.6 +2.9

ISCJUB 18 07:04:41.7,0.3,32.70N,0.02:115.81W,0.02,h11km,2km,
Error ellipse: s-maj=2.9km s-min=2.1km az=8.0
BUJ 18 07:04:41.8,32.53N:116.47W,h15km,mb5.4/5,mB5.3/2,
Ms5.1/1
NEIC 18 07:04:42.9,32.67N:115.83W,h10km,ML4.2(PAS),After
PAS.

NEIC Felt [I] at El Centro and Imperial; [II] at Brawley, El Cajon,
Jamil and Lakeside, Felt in much of Imperial and San
Diego Counties and in parts of Riverside County. Felt [I]
at Mexicali, Baja California.

ECX 18 07:04:43.2,0.5,32.66N:115.83W,h6km,MD4.0,ML4.2
ISC 18 07:04:42.1,0.8,32.65N,0.02:115.84W,0.02,h14km,5km,
n136,s19/19,167,9C-8D,California-Baja California
border region

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

Table with columns: LRRG, DECCO, 214A, 214A, IRRC, GSC, GSC, GSC, EDW2, WSHM, CLC, ARVC, RCWM, MPMC, ISA, ISA, ISA, RVC, SHPR, TUC, TPVN, GRAC, WUAZ, WUAZ, EKU, CCUT, CCUT, W18A, W18A, R11A, R11A, MSU, MMU, 121A, 121A, LAZ, MVCO, TMUT, SRU, BNM, LPM, PV19, PV09, PV04, PV01, ANVO, MNTX, MNTX, S22A, S22A, MSTX, HHC, HHC, HHC, WMQ, WMQ, LZH, LZH, LZH, KMI, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: EZZ, BNGL, BNGL, YAVL, YAVL, SIRT, SIRT, HAKT, HAKT, JMA, ISCJUB, IDC, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Rows include FINES, ARCES, TORD, YKA.

ISCJB 18 07:58:36.3,0.4,56.79S,0.08-142.14W,0.1,h10km, mb4,7/19,MS4.3/13, Error ellipse: s-maj=12.0km s-min=10.7km az=29.7

GCMT 18 07:58:39.2,0.4,56.83S,141.80W,h23km, MW5.3/97, Moment Tensor Solution, s7.4,c17; s97,c170;

NEIC 18 07:58:39.2,0.4,56.96S,142.06W,h10km,mb5.0/10 Error ellipse: s-maj=19.7km s-min=11.7km az=184.0

Main station list table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like VANDA, QSPA, GSPA, TBI, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Rows include HOS1, CMAR, EGAK, ILAR, COLA, RAYN, etc.

CSEM 18 08:02:23.9,39.88N,29.99W,h10km,ML3.0, After PDA PDA 18 08:02:23.9,39.88N,29.99W,h10km,MD3.7,ML3.0, Error ellipse: s-maj=10.5km s-min=5.9km az=63.0,

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Rows include PCED, CEED, CALA, CALA, ZALV, etc.

IDC 18 08:04:05.0,7,10.33N,126.19E,h0km,mb4.0/12, mb1.4/2/13,mb1mx3.9/56,mbtmp4.0/13,ML4.6/1,MS3.5/11, MS1.3/5/11,ms1mx3.3/44, Error ellipse: s-maj=34.2km s-min=17.4km az=13.0

ISCJB 18 08:04:07.4,1.8,10.48N,0.05-126.52E,0.05, h21km,13km,mb4.1/14,MS3.4/8, Error ellipse: s-maj=8.1km s-min=7.5km az=11.8

MAN 18 08:04:09,10.47N,126.38E,h16km,mb5.1,ML4.0,MS4.2 ISC 18 08:04:05.7,1.9,10.39N,0.04-126.39E,0.06,h2km,11km, ml1,c15/13/1,mb4.1/14,MS3.4/8,2C-3D,Philippine Islands region

Main station list table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like SCPH, MSPL, PLP, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Rows include AKASG, TORD.

ISCJB 18 08:04:36.4,1.1,53.58N,0.04-161.35W,0.03,h16km,9km, mb4.0/21, Error ellipse: s-maj=6.5km s-min=2.9km az=169.4

NEIC 18 08:04:40.5,53.54N,-161.42W,h38km,mb4.2/11, ML3.7(AEIC),After AEIC, IDC 18 08:04:43.5,0.8,53.95N,-161.31W,h46km,6km,mb3.6/15, mb1.3/9/19,mb1mx3.6/64,mbtmp3.9/19,ML4.1/4, Error ellipse: s-maj=19.8km s-min=11.2km az=1.0

ISC 18 08:04:41.8,0.7,53.63N,0.07-161.42W,0.04,h45km,6km, ml03,c15/45/113,mb4.0/21, South of Alaska

Main station list table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like DT1, FALS, PSAA, etc.

18d 8h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

CSEM 18 08:09:39.1, 39°53'N-29°68'W, h10km, ML2.7, After PDA
PDA 18 08:09:39.1±0.4, 39°53'N-29°68'W, h10km, MD3.5, ML2.7, Error ellipse: s-maj=10.3km s-min=3.8km az=52.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

IDC 18 08:10:13.9, 3.3, 36°21'N-71°28'E, h78km, 27km, mb3.7/13, mb1.3/9/18, mb1mx3.6/6.3, mbtmp4.1/18, Error ellipse: s-maj=22.4km s-min=1.7km az=2.0,

ISCJCB 18 08:10:15.0, 4.3, 36°39'N-104°47'W, 39E±0.06, h106km, mb3.7/13, Error ellipse: s-maj=7.8km s-min=4.1km az=153.2,

NNC 18 08:10:22.4, 3.3, 36°93'N-71°10'E, h133km, 38km, mb3.6, mpv4.5, Error ellipse: s-maj=26.4km s-min=19.7km az=34.0,

ISC 18 08:10:16.3±0.6, 36°38'N-0°06'7.1, 30E±0.06, h106km, n56, 175E±0.2, mb3.7/13, 13C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AML Almayushu, MNAS Manas, KZA Kyzart, etc.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TAPN Tapejung, NGP Nagpur, ZRNK Zerenda, etc.

WEL 18 08:21:46.7±0.4, 37°36'S-176°42'E, h157km, 3km, ML3.8/12, 18C-9D, Error ellipse: s-maj=1.9km s-min=1.6km az=0.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RRRR Republican Roa, PRRZ Plateau Road, URZ Urewera, etc.

Off coast of Chiapas 782

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CCGI Comitan, CCGI Comitan.

IDC 18 08:34:48.8±1.3, 34°09'S-73°36'W, h0km, mb3.8/4, mb1.3/9/6, mb1mx3.7/27, mbtmp3.8/6, ML3.9/2, MS2.9/1, Ms1 2.8/1, ms1mx2.5/27, Error ellipse: s-maj=43.7km s-min=29.2km az=87.0,

ISCJCB 18 08:34:48.3±1.8, 33°99'S-0°05'73.22'W, 0.06, h14km, 13km, mb3.8/4, Error ellipse: s-maj=9.7km s-min=8.2km az=137.5,

GUC 18 08:34:49.0±0.5, 33°99'S-73°16'W, h29km, 2km, ML4.0, ISC 18 08:34:48.4±3.8, 33°99'S-0°07'73.15'W, 0.07, h6km, 24km, n16, 16E±0.6/23, mb4.1/3, 2C-3C, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CHIPI Pichilemu, CHPI Pichilemu, LNV Longovio, etc.

CSEM 18 08:41:21.3, 39°55'N-29°78'W, h10km, ML3.3, After PDA
PDA 18 08:41:21.3±1.0, 39°55'N-29°78'W, h10km, MD3.7, ML2.4, Error ellipse: s-maj=24.1km s-min=7.7km az=51.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

CSEM 18 08:49:20.3, 39°62'N-29°60'W, h10km, ML2.4, After PDA
PDA 18 08:49:20.3±0.9, 39°62'N-29°60'W, h10km, MD3.5, ML2.4, Error ellipse: s-maj=22.8km s-min=8.1km az=57.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

CSEM 18 08:52:38.7, 39°48'N-29°75'W, h10km, ML3.2, After PDA
PDA 18 08:52:38.7±0.8, 39°48'N-29°75'W, h10km, MD3.6, ML3.2, Error ellipse: s-maj=18.4km s-min=6.2km az=50.0,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCED Cedros, PCED Cedros, CALA Caldeira, etc.

MEX 18 08:33:36.6±0.8, 13°94'N-92°12'W, h20km, 22km, MD3.8,

Table with columns: PICO, Pico, 1.42 133 eP, Pn, 08 53 00.5 -4.2, S, Sg, 09 36 48.1 +0.6

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

NNC 18 09:02:28.6 S, 0.54 18N-86.54E, h0km, mb3.7, mpv3.4, 9C, Error ellipse: s-maj=45.5km s-min=26.5km az=78.0, Southwestern Siberia

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

ISCJB 18 09:29:22.1±0.5, 50.10N-0.04-18.36E, h0km, Error ellipse: s-maj=5.8km s-min=3.0km az=11.1

CSEM 18 09:29:23.0±0.3, 50.06N-18.39E, h1km, ML2.8, Error ellipse: s-maj=8.0km s-min=3.6km az=3.0

PRU 18 09:29:24.2, 50.04N-18.36E, h0km, Error ellipse: s-maj=8.0km s-min=3.6km az=3.0

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

IDC 18 09:30:51.3±0.7, 56.33S-25.32W, h0km, mb4.27, mb1 4.37, mb1mx4.021, mbtmp4.27, Error ellipse: s-maj=27.4km s-min=20.2km az=88.0

ISCJB 18 09:30:53.7±0.7, 56.4S, 0.1±25.4W, h0km, mb4.3/9, Error ellipse: s-maj=17.4km s-min=16.1km az=7.0

NEIC 18 09:30:56.0±0.4, 56.35S-25.37W, h35km, mb4.6/4, Error ellipse: s-maj=10.7km s-min=10.2km az=108.0

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

DDA 18 09:36:42.4, 37.85N-27.20E, h7km, Md2.4, Turkey

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

Table with columns: GCAM, DGB, DGB, DGB, AYDN, AYDN, 0.33 309 P, S, Sg, 09 36 48.1 +0.6

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

ISCJB 18 09:45:02.2±0.4, 32.64N-0.02-115.80W, h11km, 2km, Error ellipse: s-maj=3.6km s-min=3.2km az=26.5

ECX 18 09:45:03.4±0.5, 32.67N-115.84W, h4km, MD3.4, ML3.6, NEIC 18 09:45:03.1, 32.66N-115.83W, h8km, ML3.4(PAS), After PAS.

ISC 18 09:45:02.1±0.8, 32.64N-0.02-115.80W, h0.02, h14km, 5km, n45, e1909/65, 10C-3D, California-Baja California border region

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

MONP 18 09:45:02.1±0.8, 32.64N-0.02-115.80W, h0.02, h14km, 5km, n45, e1909/65, 10C-3D, California-Baja California border region

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

ISCJB 18 09:56:03.6±0.6, 38.59N-0.04-28.64E, h0km, Error ellipse: s-maj=5.7km s-min=4.7km az=28.7

CSEM 18 09:56:03.7±0.3, 38.59N-28.64E, h1km, MD3.6, Error ellipse: s-maj=7.4km s-min=6.7km az=13.0, Mining explosion.

ISC 18 09:56:04.1±1.2, 38.59N-28.65E, h13km, MD2.6

DDA 18 09:56:04.1, 38.59N-28.58E, h7km, Md2.4

ISC 18 09:56:04.1±1.2, 38.59N-0.03-28.62E, h0km, n14, e053/22, Turkey

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

IDC 18 09:46:33.2±0.9, 56.33S-25.22W, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.9/22, mbtmp3.9/5, Error ellipse: s-maj=42.7km s-min=22.8km az=94.0, South Sandwich Islands region

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

Table with columns: TORO, SONM, ILAR, 1.9nm, 0.9s, baz=180, slow=13, SNR=2.3, 72.78 27 P, 149.65 85 PKPbc, 151.13 31 PKPbc

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

ISC 18 09:46:39.3, 37.12N-28.91E, h15km, MD2.9, Error ellipse: s-maj=6.1km s-min=3.3km az=19.0

DDA 18 09:46:41.4, 37.18N-28.90E, h7km, Md2.8

ISC 18 09:46:40.4, 0.37, 14N-28.91E, h0.02, h14km, gkm, n32, e151/46, Turkey

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

GUC 18 09:48:41.9±0.3, 35.64S-73.35W, h35km, 4km, ML4.0, 1C, Off coast of central Chile

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

CSEM 18 09:50:59.2, 39.52N-29.78W, h10km, ML3.5, After PDA

PDA 18 09:50:59.2±1.2, 39.52N-29.78W, h10km, ML3.5, Error ellipse: s-maj=13.2km s-min=8.5km az=56.0, Azores Islands

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

ISCJB 18 09:56:03.6±0.6, 38.59N-0.04-28.64E, h0km, Error ellipse: s-maj=5.7km s-min=4.7km az=28.7

CSEM 18 09:56:03.7±0.3, 38.59N-28.64E, h1km, MD3.6, Error ellipse: s-maj=7.4km s-min=6.7km az=13.0, Mining explosion.

ISC 18 09:56:04.1±1.2, 38.59N-28.65E, h13km, MD2.6

DDA 18 09:56:04.1, 38.59N-28.58E, h7km, Md2.4

ISC 18 09:56:04.1±1.2, 38.59N-0.03-28.62E, h0km, n14, e053/22, Turkey

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

IDC 18 09:46:33.2±0.9, 56.33S-25.22W, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.9/22, mbtmp3.9/5, Error ellipse: s-maj=42.7km s-min=22.8km az=94.0, South Sandwich Islands region

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

Table with 4 columns: IZM, Izmir, 1.08 260 ePN, Pg, 09 56 24.9 +0.1

ISCJB 18 10:24:24.0.0.5, 24.48N, 0.02:121.94E:0.02, h13km, 3km, Error ellipse: s-maj=4.4km s-min=3.2km az=139.5

Main table for 18d 11h section, listing stations like Suao, Nanau, ENA, ILA, etc. with columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

IDC 18 10:25:12.6.3.2, 32.88S, 178.39W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.6/32, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=72.7km s-min=36.9km az=115.0, South of Kermadec Islands

Table for Kermadec Islands section, listing stations like Urewera, Alice Springs, Warramunga Arr, etc.

CSEM 18 10:33:47.3, 39.53N, 29.63W, h10km, ML2.7, After PDA, PDA 18 10:33:47.3, 39.53N, 29.63W, h10km, MD3.7, ML2.7, Error ellipse: s-maj=21.2km s-min=7.2km az=55.0, Azores Islands

Main table for Azores Islands section, listing stations like Cedros, CALA, ROSA, etc.

IDC 18 10:40:51.2.1.6, 17.90N, 40.10E, h0km, mb3.7/11, mb1 3.9/11, mb1mx3.6/52, mbtmp3.7/11, MS3.3/15, Ms1 3.3/15, ms1mx3.1/39, Error ellipse: s-maj=50.46km s-min=30.9km az=155.0

ISCJB 18 10:40:53.9.1.3, 18.0N, 0.2:40.1E:0.1, h28km, mb3.7/11, MS3.3/12, Error ellipse: s-maj=32.2km s-min=16.4km az=155.8

ISC 18 10:40:55.7.1.5, 18.0N, 0.2:40.1E:0.2, h28km, n20, e120/11, mb3.8/11, MS3.4/12, Red Sea

Table for Red Sea section, listing stations like ATKA, ATKA, etc.

Main table for 2010 DEC section, listing stations like EIL, MMAI, KMBO, BRTR, etc.

CSEM 18 10:46:19.8, 39.55N, 29.62W, h10km, ML2.5, After PDA, PDA 18 10:46:19.8, 39.55N, 29.62W, h10km, MD3.6, ML2.5, Error ellipse: s-maj=14.1km s-min=5.2km az=55.0, Azores Islands

Main table for Azores Islands section, listing stations like Cedros, CALA, ROSA, etc.

IDC 18 10:47:36.5.1.0, 55.98S, 25.07W, h0km, mb4.4/4, mb1 4.5/4, mb1mx4.0/28, mbtmp4.4/4, Error ellipse: s-maj=35.3km s-min=28.8km az=53.0

ISCJB 18 10:47:39.1, 3.56S, 0.2:25.0W:0.5, h30km, mb4.4/4, Error ellipse: s-maj=39.4km s-min=27.4km az=158.7

ISC 18 10:47:41.0.1.0, 56.0S, 0.2:25.1W:0.3, h30km, n7, e069/7, mb4.2/4, South Sandwich Islands region

Main table for South Sandwich Islands region section, listing stations like Limon Verde, Vnda, LPaz, etc.

NSSC 18 10:50:31.7, 2.7, 36.54N, 34.92E, h113km, 79km, MD1.2, ML2.5

DDA 18 10:50:34.1, 36.74N, 35.26E, h8km, MD3.0, Error ellipse: s-maj=5.5km s-min=3.5km az=135.1

CSEM 18 10:50:36.0.3, 36.79N, 35.29E, h24km, 3km, MD3.0, Error ellipse: s-maj=6.0km s-min=4.0km az=51.0

ISK 18 10:50:36.0, 36.82N, 35.31E, h30km, MD3.0, Error ellipse: s-maj=6.0km s-min=4.0km az=51.0

ISC 18 10:50:36.2, 0.9, 36.78N, 0.02:35.25E:0.03, h28km, 8km, n70, e116/85, Turkey

Main table for Turkey section, listing stations like Karats, DED, CEYT, etc.

Main table for 784 section, listing stations like BTCH, BTCH, BTCH, etc.

ISCJB 18 10:51:59.4.0.5, 38.39N, 0.04:104.49E:0.07, h10km, mb3.4/6, Error ellipse: s-maj=8.5km s-min=4.7km az=149.9

IDC 18 10:52:01.2, 0.9, 38.58N, 104.70E, h0km, mb3.4/8, mb1 3.6/10, mb1mx3.4/53, mbtmp3.4/10, ML3.4/2, Error ellipse: s-maj=31.0km s-min=16.6km az=74.0

BuJ 18 10:52:02.1, 38.54N, 104.19E, h6km, ML3.8/17, Ms3.3/3, Ms7.3/2/3

ISC 18 10:52:02.1, 0.6, 38.53N, 0.04:104.34E:0.04, h10km, n16, e200/21, mb3.5/6, 1C, Western Nile Mongoloi

Main table for Western Nile Mongoloi section, listing stations like LZH, LZH, LZH, etc.

ISC 18 10:52:02.1, 0.6, 38.53N, 0.04:104.34E:0.04, h10km, n16, e200/21, mb3.5/6, 1C, Western Nile Mongoloi

ISC 18 10:52:02.1, 0.6, 38.53N, 0.04:104.34E:0.04, h10km, n16, e200/21, mb3.5/6, 1C, Western Nile Mongoloi

Main table for Western Nile Mongoloi section, listing stations like LZH, LZH, LZH, etc.

ISC 18 11:03:08.0, 7.5, 51.74N, 174.00W, h0km, mb3.6/2, mb4.1/4, mb1mx3.5/35, mbtmp3.5/3, SNR=7.2, Error ellipse: s-maj=144.9km s-min=58.8km az=101.0

ISCJB 18 11:03:15.3, 0.8, 52.1N, 0.2:174.4W:0.1, h82km, 6km, mb3.7/2, Error ellipse: s-maj=38.2km s-min=5.0km az=165.0

NEIC 18 11:03:16.3, 51.71N, 174.32W, h38km, ML3.3(AEIC), After AEIC

ISC 18 11:03:15.7, 1.4, 52.0N, 0.2:174.39W:0.07, h69km, 11km, n26, e096/27, Andreanof Islands

Table for Andreanof Islands section, listing stations like ATKA, ATKA, etc.

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

DJA 18 11:07:23.0, 6.1, S5, 120E, h10km, M3.6/7, MLV3.6/7, Minahassa Peninsula, Sulawesi

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

CSEM 18 11:13:10.6, 39.47N, 29.79W, h10km, ML3.1, After PDA PDA 18 11:13:10.6, 0.7, 39.47N, 29.79W, h10km, MD3.5, ML3.1, Error ellipse: s-maj=16.5km s-min=5.4km az=49.0, Azores Islands

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

DJA 18 11:13:44.7, 0.6, 1, S5, 120E, h10km, M4.0/9, MLV4.0/9, Sulawesi

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

ISCJB 18 11:21:40.3, 1.4, 38.20N, 0.09, 38.81E, 0.06, h6km, Error ellipse: s-maj=14.1km s-min=5.0km az=161.5 DDA 18 11:21:40.5, 38.21N, 38.80E, h7km, MD2.6 CSEM 18 11:21:40.1, 0.3, 38.21N, 38.82E, h15km, MD2.6, Error ellipse: s-maj=9.2km s-min=2.8km az=163.0 ISC 18 11:21:40.8, 1.7, 38.20N, 0.08, 38.82E, 0.04, h6km, n8, 0.611/16, Turkey

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

ISC 18 11:23:10.9, 1.1, 1, 05S, 120.42E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/29, mbtmp3.7/6, ML3.7/1, MS2.9/5, Ms1 2.9/5, ms1mx2.6/33, Error ellipse: s-maj=57.0km s-min=18.1km az=72.0

ISCJB 18 11:23:12.6, 0.5, 1, 11S, 0.05E, 119.91E, 0.05, h28km, mb3.6/5, MS2.9/4, Error ellipse: s-maj=7.9km s-min=5.1km az=138.7

DJA 18 11:23:12.3, 0.3, 1, S3, 12.0E, h10km, M4.5/18, mb4.7/5, mb5.1/3, MLV4.5/18, mb(MB)4.4/3 ISC 18 11:23:14.2, 0.6, 1, 07S, 119.99E, 0.06, h28km, n24, 0.156/126, mb3.5/5, MS2.8/4, Sulawesi

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

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

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

CSEM 18 11:32:53.8, 39.54N, 29.69W, h10km, ML2.9, After PDA PDA 18 11:32:53.8, 0.7, 39.54N, 29.69W, h10km, MD3.6, ML2.9, 2C, Error ellipse: s-maj=18.8km s-min=6.1km az=54.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H7EN, PCED, CALA, etc.

ISC 18 11:37:26.5, 4.4, 3, 68S, 152.21E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.4/26, mbtmp3.7/2, Error ellipse: s-maj=211.3km s-min=48.7km az=118.0, New Ireland region

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

AUST 18 11:37:36.3, 1.0, 4, 53S, 130.54E, h46km, Error ellipse: s-maj=1.14km s-min=1.14km az=338 ISCJB 18 11:38:06.8, 0.7, 34S, 0.06, 129.5E, 0.1, h100km, mb3.4/1, Error ellipse: s-maj=18.9km s-min=7.4km az=10.1

ISC 18 11:38:07.8, 2.7, 7, 36S, 129.39E, h110km, 38km, mb3.3/1, mb1 3.8/5, mb1mx3.4/28, mbtmp4.0/5, Error ellipse: s-maj=64.6km s-min=16.0km az=95.0

ISC 18 11:38:08.5, 1.0, 7, 38S, 106.82E, 129.5E, 0.2, h100km, n12, 0.170/10, Banda Sea

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

KRSK 18 11:41:03.5, 0.7, 5, 519N, 160.44E, h-1km, 3km, ML3.6, Kamchatka Peninsula

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

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

IDC 18 11:50:11.7, 1.1, 7, 22S, 146.98E, h0km, mb3.9/7, mb1 4.2/10, mb1mx4.0/31, mbtmp4.0/10, ML4.0/2, MS3.2/6, Ms1 3.2/6, ms1mx2.7/34, Error ellipse: s-maj=35.8km s-min=16.8km az=94.0

ISCJB 18 11:50:15.2, 0.6, 7, 26S, 0.05E, 146.87E, 0.09, h32km, mb4.0/8, MS3.0/3, Error ellipse: s-maj=12.0km s-min=6.8km az=4.8

NEIC 18 11:50:16.9, 0.5, 7, 28S, 146.92E, h35km, mb4.3/3, Error ellipse: s-maj=15.1km s-min=6.9km az=96.0

AUST 18 11:50:24.6, 7, 7, 22S, 146.67E, h60km ISC 18 11:50:27.0, 0.7, 7, 32S, 0.06E, 146.9E, 0.1, h32km, n30, 0.159/33, mb4.1/8, MS3.0/3, Eastern New Guinea region

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

IDC 18 11:53:31.3, 2.6, 19, 28N, 38.88E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.4/30, mbtmp3.6/4, MS3.0/1, Ms1 3.0/1, ms1mx2.4/38, Error ellipse: s-maj=71.6km s-min=28.2km az=151.0, Red Sea

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

ISCJB 18 11:55:20.9, 1.3, 14, 45S, 0.07, 167.0E, 0.2, h67km, mb3.8/7, Error ellipse: s-maj=32.0km s-min=10.1km az=176.8

IDC 18 11:55:26.6, 4.1, 14, 62S, 167.22E, h115km, 49km, mb3.6/8, mb1 3.7/9, mb1mx3.5/33, mbtmp4.0/9, Error ellipse: s-maj=41.3km s-min=26.5km az=132.0

ISC 18 11:55:22.7, 1.3, 14, 40S, 0.09, 167.0E, 0.3, h67km, n10, 0.192/120, mb3.9/7, Vanuatu Islands

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKT Chengkung, SMLT Sun Moon Lake, TAP Taipei, TYC Yuchr, YUS Yu-Shan, NSTT Nanjuang, IRIF Iriomote-Funau, HATJU Hatsumu jima, ELDTW Lidau, etc.

ISC/JB 18 13:25:44.3,0.6,36:18N:0.10:137:1E:0.1, h270km,5km, mb3.4/4, Error ellipse: s-maj=16.3km s-min=14.4km

JMA 18 13:25:44.7,0.3,36:105N:137:16E, h270km,3km, M3.0, IDC 18 13:25:45.6,0.7,36:20N:137:23E, h267km,1km, mb3.2/4, mb1 3.3/6, mb1mx2.9/44, mbtm3.8/6, Error ellipse: s-maj=43.7km s-min=17.2km az=79.0

ISC 18 13:25:45.2,0.9,36:22N:0.1:137:11E:0.09, h265km,7km, n18, c055/23, mb3.6/4, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JGN Niukaw, JGM Miyama, JMG Kaga, JMT Matsushiro, etc.

ISC/JB 18 13:29:19.1,0.7,24:70N:0.09:141:6E:0.2, h100km, mb3.6/8, Error ellipse: s-maj=29.6km s-min=9.3km az=16.5

IDC 18 13:29:31.9,1.7,24:82N:141:55E, h112km,16km, mb3.3/8, mb1 3.6/9, mb1mx3.3/47, mbtm3.7/9, MS2.4/1, Ms1 2.4/1, ms1mx2.0/28, Error ellipse: s-maj=29.5km s-min=14.4km az=110.0

ISC 18 13:29:30.8,1.0,24:72N:0.1:141:5E:0.2, h100km, n10, c09/9, n10, mb3.6/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, JNU Nakatsue, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: ILAR Eielson Array, INK Inuvik, YKA Yellowknife Arr, etc. Includes station details and error ellipses.

IDC 18 13:32:30.6,1.3,10:53N:126:16E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.6/47, mbtm3.8/7, Error ellipse: s-maj=46.7km s-min=29.3km az=62.0

MAN 18 13:32:33.0,10:35N:126:45E, h14km, mb4.5, ML3.4, MS3.3, ISC/JB 18 13:32:34.7,0.8,10:46N:0.07:126:49E:0.07, h44km, mb3.7/7, Error ellipse: s-maj=10.4km s-min=9.2km

ISC 18 13:32:36.0,1.0,10:42N:0.08:126:51E:0.09, h44km, n18, c210/18, mb3.7/7, 1C-12, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Maasin, PLP Palo, etc.

IDC 18 13:32:59.5,1.5,37:59N:21:60E, h0km, mb3.5/7, mb1 3.6/8, mb1mx3.5/42, mbtm3.5/8, ML3.7/1, Error ellipse: s-maj=30.0km s-min=24.6km az=134.0

ISC/JB 18 13:33:06.2,0.4,37:52N:0.03:21:45E:0.03, h62km,3km, mb3.5/6, Error ellipse: s-maj=5.1km s-min=3.6km az=33.9

ATH 18 13:33:06.2,37:57N:21:45E, h40km,1km, MD3.3/35, ML3.3

CSEM 18 13:33:07.3,0.2,37:54N:21:46E, h30km, ML3.6, Error ellipse: s-maj=4.1km s-min=2.6km az=41.0

THE 18 13:33:08.3,37:53N:21:50E, h36km,3km, ML3.6/13, Error ellipse: s-maj=3.1km s-min=0.9km az=190.0

ISC 18 13:33:06.4,0.8,37:52N:0.03:21:46E:0.03, h40km,6km, n154, c1548/203, mb3.5/6, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMT Artemida-Makis, DRO Drossia, RLS Riolos of Patr, etc.

ESDC Sonseca Array 19.97 294 P 0.4km,0.5s,baz=85,slo=12,SNR=3.6

FINES FINESS Array B 24.12 5 P 0.8m,0.4s,baz=170,slo=12,SNR=11

NOR NORSAR Array B 24.01 348 P 0.9m,0.5s,baz=162,slo=9,SNR=2

TOAD Torodi Arr. Bea 30.41 221 P 0.2m,0.4s,baz=39,slo=9.4,SNR=3.4

ARCES ARCESS Array B 32.15 3 P 3.2m,1.0s,baz=195,slo=10,SNR=7.4

MKAR Makanchi Array 45.01 58 P 0.2m,0.4s,baz=276,slo=7.5,SNR=5.8

ZALV Zalesovo Beam 45.58 48 P 0.9m,0.5s,baz=275,slo=8.8,SNR=3.2

IDC 18 13:34:54.0,1.0,10:28N:126:22E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.7/48, mbtm3.9/7, MS2.9/3, Ms1 2.9/3, ms1mx2.5/43, Error ellipse: s-maj=45.9km s-min=23.8km az=64.0

MAN 18 13:34:56.9,0.8,10:52N:126:26E:0.06, h44km, mb3.9/7, Error ellipse: s-maj=12.2km s-min=8.3km az=173.7

ISC 18 13:34:59.3,1.0,10:51N:0.09:126:68E:0.09, h44km, n18, c1931/19, mb3.8/7, 1C-12, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LK2D Lefkada island, LK2D Lefkada island, LK2D Lefkada island, etc.

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

18d 14h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PFO, SHPR, LPSR, etc.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MVCO, MVCO, G27A, etc.

792

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like E31A, J29A, OGNE, etc.

Table with columns: TXAR, Lajitas Array, 97.30 56 P, Pdif, 14 15 49.5 +0.4, etc. Includes various station names and coordinates.

Table with columns: X36A, Centrahoma, 100.29 48 P, Pdif, 14 16 01.2 -1.1, etc. Includes various station names and coordinates.

Table with columns: PAU, Pauzhetka, 3.24 353 eP, Pn, 14 11 25.0 +2.3, etc. Includes various station names and coordinates.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Cedros, Flores T-PHASE, Horta, Rosas, Graciosa, etc.

ISC 18 16:09:55.9.2.4, 10.43N, 125.64E, h0km, mb3.3/4, mb1 3.6/4, mb1mx3.3/3.1, mbtmp3.3/4, Error ellipse: s-maj=1.01, 2km az=56.0

ISCJB 18 16:10:01.3.1.2, 10.49N, 126.43E, 0.07, h5km, mb3.3/4, Error ellipse: s-maj=12.2km s-min=7.0km az=138.7

ISC 18 16:10:02.2.1.4, 10.50N, 126.4E, 0.1, h51km, n13, r146/14, mb3.2/4, 2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Surigao, Palo, Maasin, Butuan, etc.

ISC 18 16:13:04.1.1.1, 10.63N, 125.69E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/3.2, mbtmp3.7/8, MS2.92, Ms1 2.9/2, ms1mx2.4/3.8, Error ellipse: s-maj=58.3km s-min=16.6km az=69.0

MAN 18 16:13:09, 10.49N, 126.34E, h18km, mb4.8, ML3.7, MS3.7, ISC 18 16:13:06.3.2.5, 10.54N, 126.55E, 0.09, h26km, n18km, n22, r182/18, mb3.6/8, 2C-2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Surigao, Palo, Maasin, Butuan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like WAKE ISLAND Hy 39.89, WAKE ISLAND Hy 39.90, Songio Array, etc.

ISC 18 16:20:43.8.2.1, 3.31N, 127.28E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/3.3, mbtmp3.3/3, Error ellipse: s-maj=148.6km s-min=26.7km az=67.0, Talaud Islands

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

ISC 18 16:51:34.5.1.6, 51.56N, 176.31W, h0km, mb4.0/13, mb1 4.1/14, mb1mx3.8/5.7, mbtmp4.0/14, ML4.0/1, MS2.7/2, Ms1 2.7/2, ms1mx2.4/4.2, Error ellipse: s-maj=46.6km s-min=15.4km az=170.0

NEIC 18 16:51:36.7.51.10N, 176.12W, h18km, ML3.9(AEIC), After AEIC.

ISCJB 18 16:51:38.2.0.5, 51.17N, 176.13W, 0.05, h47km, mb3.9/14, MS2.6/1, Error ellipse: s-maj=8.5km

ISC 18 16:51:39.8.0.8, 51.21N, 176.21W, 0.04, h47km, n57, r136/55, mb3.9/14, Andronof Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Kagalaska Isla, Great Sitkin, etc.

ISC 18 16:52:06.1.1.1, 16.05N, 152.67W, h18km, mb3.2/3, mb1 3.2/3, mb1mx3.2/3, mbtmp3.2/3, Error ellipse: s-maj=1.0km s-min=0.5km az=170.0

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

ISC 18 17:03:54.8.1.6, 51.66N, 175.95E, h10km, mb4.1/10, Error ellipse: s-maj=6.2km s-min=3.6km az=74.8

CSEM 18 17:03:56.6.0.2, 51.52N, 16.07E, h1km, mb3.9/8, ML4.1/13, Error ellipse: s-maj=3.9km s-min=3.1km az=173.0

NEIC 18 17:03:56.4.0.4, 51.52N, 15.99E, h5km, mb4.1/5, ML3.7(SZGRF), Error ellipse: s-maj=7.7km s-min=5.4km az=165.0

LDG 18 17:03:56.3.0.1, 51.53N, 16.15E, h1km, ML4.2/20, Error ellipse: s-maj=3.1km s-min=1.5km az=6.0, Suspected Mining Induced.

ISC 18 17:03:57.2.0.5, 51.51N, 16.09E, h0km, mb3.6/8, mb1 3.7/16, mb1mx3.6/4.8, mbtmp3.6/16, ML3.1/18, MS2.9/1, Ms1 2.9/1, ms1mx2.1/4.6, Error ellipse: s-maj=11.6km s-min=6.6km az=104.0

PRU 18 17:03:58.4.51.47N, 16.10E, h0km, M4.1, Felt In Harrahovc

BGR 18 17:03:58.8.0.4, 51.50N, 16.12E, h1km, ML3.7/16, Error ellipse: s-maj=6.7km s-min=3.3km az=19.0

VIE 18 17:04.00.5.0, 51.29N, 15.88E, h0km, mb3.2/8, ml3.4/10, Error ellipse: s-maj=3.0km s-min=2.5km az=129.0, Suspected Mining Induced.

ISC 18 17:03:55.5.0.4, 51.49N, 16.02E, 16.10E, 0.02, h0km, n305, r189/14, mb3.8/16, 13C-3D, Poland

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Ksiaz, Dobruska-Polom, etc.

ISC 18 17:03:58.0.1.0, 7.5487N, 161.59E, h76km, 6km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Mys Kozlova, Kizimen, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Krestovskiy, Karymskiy, Krutoberegovo, etc.

ISCJB 18 17:03:54.3.0.2, 51.48N, 16.01E, 0.02, h0km, mb3.8/16, Error ellipse: s-maj=2.1km s-min=1.8km az=163.0

MOS 18 17:03:54.8.1.6, 51.66N, 175.95E, h10km, mb4.1/10, Error ellipse: s-maj=6.2km s-min=3.6km az=74.8

CSEM 18 17:03:56.6.0.2, 51.52N, 16.07E, h1km, mb3.9/8, ML4.1/13, Error ellipse: s-maj=3.9km s-min=3.1km az=173.0

NEIC 18 17:03:56.4.0.4, 51.52N, 15.99E, h5km, mb4.1/5, ML3.7(SZGRF), Error ellipse: s-maj=7.7km s-min=5.4km az=165.0

LDG 18 17:03:56.3.0.1, 51.53N, 16.15E, h1km, ML4.2/20, Error ellipse: s-maj=3.1km s-min=1.5km az=6.0, Suspected Mining Induced.

ISC 18 17:03:57.2.0.5, 51.51N, 16.09E, h0km, mb3.6/8, mb1 3.7/16, mb1mx3.6/4.8, mbtmp3.6/16, ML3.1/18, MS2.9/1, Ms1 2.9/1, ms1mx2.1/4.6, Error ellipse: s-maj=11.6km s-min=6.6km az=104.0

PRU 18 17:03:58.4.51.47N, 16.10E, h0km, M4.1, Felt In Harrahovc

BGR 18 17:03:58.8.0.4, 51.50N, 16.12E, h1km, ML3.7/16, Error ellipse: s-maj=6.7km s-min=3.3km az=19.0

VIE 18 17:04.00.5.0, 51.29N, 15.88E, h0km, mb3.2/8, ml3.4/10, Error ellipse: s-maj=3.0km s-min=2.5km az=129.0, Suspected Mining Induced.

ISC 18 17:03:55.5.0.4, 51.49N, 16.02E, 16.10E, 0.02, h0km, n305, r189/14, mb3.8/16, 13C-3D, Poland

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Ksiaz, Dobruska-Polom, etc.

ISC 18 17:03:58.0.1.0, 7.5487N, 161.59E, h76km, 6km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Mys Kozlova, Kizimen, etc.

ISC 18 17:03:58.0.1.0, 7.5487N, 161.59E, h76km, 6km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Mys Kozlova, Kizimen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TCF, FINES, FINESS, GJIK, etc.

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

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

SOF 18 17:40:27.7, 42.41N, 21.33E, h2km, MD3.0
SKO 18 17:40:29.8, 42.46N, 21.66E, h14km, M1.5, ML2.0
CSEM 18 17:40:30.4, 0.1, 42.45N, 21.56E, h2km, ML2.7, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GJIK, BARS, GARS, SKO, etc.

SKO 18 17:40:30.9, 1.0, 42.44N, 21.02, 21.02, h6km, 8km, n5, 0.08Z/11, 16C-16D, Northwestern Balkan Peninsula

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

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

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

CSEM 18 17:40:57.1, 39.49N, 29.67W, h10km, ML2.7, After PDA
PDA 18 17:40:57.1, 0.8, 39.49N, 29.67W, h10km, MD3.8, ML2.7, Error

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

Table with columns: PCAN, Candelaria, Pico, Pico. Includes station details and coordinates.

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

IDC 18 17:43:28.6, 26.0, 11.89S, 166.48E, h237km, 224km, mb2.8/3, mb1 3.1/3, mb1mx2.8/36, mbtmp3.4/3, Error

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

ISJCJB 18 18:11:11.6, 0.2, 10.55N, 102.126, 126.45E, 0.03, h10km, mb4.5/80, MS3.9/24, Error

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

ISJCJB 18 18:11:14.2, 1.1, 10.32N, 102.126, 126.18E, 0.04, h18km, 4km, mb4.5/80, MS3.9/24, 10C-9D, Philippines Islands region

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

18d 18h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like QIZ 210nm,9.1s, QIZ 650nm,17.4s, QIZ 830nm,18.8s, etc.

2010 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes entries like CD2 comp=Z,10.0nm,0.8s, CD2 comp=Z,120nm,5.3s, CD2 comp=Z,710nm,16.9s, etc.

800

Table with columns for call sign, frequency, power, and other technical details. Includes entries like DMN Daman 42.24 300 eP, KOLN Koldanda 43.57 300 eP, NWA0 Narrogin (SRO) 43.84 191 eP, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SPB1, SP1A, SP2B, etc.

SKO 18 18:16:35.9, 41.97N, 21.51E, h15km, M1.3, ML1.9
CSEM 18 18:16:36.7, 0.2, 42.02N, 21.48E, h2km, ML2.7, Error ellipse: s-maj=5, lkm s-min=4.2km az=63.0

BE0 18 18:16:37.1, 0.3, 42.01N, 21.57E, h0km, ML2.1/9
ISC 18 18:16:36.3, 1.0, 42.01N, 0.02, 21.56E, 0.02, h5km, 8km, n32, e0.93/51, 4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SKO, SKO, SKO, etc.

ISC 18 18:22:31.4, 1.9, 14.89S, 173.94W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.6/32, mbmtmp3.5/4, MS3.0/1, ms1mx2.7/15, Error ellipse: s-maj=107.3km s-min=26.3km az=150.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PPT, PPT2, PPT2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H1N3, H1N1, H1N2, etc.

CSEM 18 18:28:57.7, 39.58N, 29.83W, h10km, ML2.3, After PDA
PDA 18 18:28:57.7, 0.4, 39.58N, 29.83W, h10km, MD3.6, ML2.3, Error ellipse: s-maj=10.5km s-min=3.6km az=48.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, CALA, CALA, etc.

IDC 18 18:35:06.5, 1.3, 3.078N, 126.40E, h0km, mb3.5/7, mb1 3.7/7, mb1mx3.5/41, mbtmp3.5/7, Error ellipse: s-maj=64.7km s-min=17.1km az=69.0

MAN 18 18:35:11, 10.32N, 126.18E, h1km, mb4.8, ML3.7, MS3.7
ISC 18 18:35:08.2, 2.0, 10.44N, 0.05, 126.35E, 0.07, h9km, 12km, n20, e0.80/23, mb3.5/7, 1C-4D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SCPH, SCPH, MSPL, etc.

CSEM 18 18:47:09.6, 39.55N, 29.71W, h10km, ML2.9, After PDA
PDA 18 18:47:09.6, 0.7, 39.55N, 29.71W, h10km, MD3.6, ML2.9, 2D, Error ellipse: s-maj=15.9km s-min=5.2km az=53.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, CALA, CALA, etc.

PDG 18 18:48:59.0, 2.43, 0.07N, 18.84E, h10km, 4km, MD2.5, ML2.4, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0

CSEM 18 18:49:00.9, 0.3, 43.03N, 18.83E, h15km, ML2.3, Error ellipse: s-maj=4.2km s-min=2.2km az=116.0

BE0 18 18:49:00.9, 0.3, 43.03N, 18.81E, h0km, ML2.3/7
ISC 18 18:48:59.0, 9.3, 43.07N, 18.86E, 0.02, h6km, 8km, n38, e0.71/73, 18C-11D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like UPM, UPM, UPM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TREB, TREB, CEME, etc.

ISCJTB 18 19:02:17.5, 1.0, 23.85S, 0.10, 179.77W, 0.2, h512km, mb3.9/3, Error ellipse: s-maj=19.4km s-min=12.7km az=9.1

IDC 18 19:02:17.7, 3.0, 23.92S, 179.71W, h499km, 42km, mb3.3/3, mb1 3.5/5, mb1mx3.1/31, mbtmp4.4/5, Error ellipse: s-maj=46.4km s-min=24.9km az=138.0

ISC 19 19:02:18.0, 1.1, 24.05S, 0.1, 179.50W, 0.2, h512km, n10, e0.71/11, mb3.8/3, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AFI, URZ, URZ, etc.

BE0 18 19:02:30.6, 0.4, 43.15N, 18.91E, h0km, ML1.7/4, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TREB, TREB, PDG, etc.

IDC 18 19:08:51.0, 0.7, 34.25S, 72.17W, h0km, mb4.2/8, mb1 4.3/12, mb1mx4.2/23, mbtmp4.2/12, ML4.1/4, MS3.9/12, MS1 3.9/12, ms1mx3.7/23, Error ellipse: s-maj=28.6km s-min=13.3km az=98.0

NEIC 18 19:08:53.0, 0.4, 34.18S, 72.11W, h10km, mb4.8/16, ML4.3(GUC), Error ellipse: s-maj=11.2km s-min=7.8km az=75.0

NEIC Felt [III] at Rancagua and San Fernando and [II] at Pichilemu.

BUI 18 19:08:55.3, 34.10S, 72.00W, h30km, mb5.4/2, Ms5.5/1, Ms7.5/1/3

GUC 18 19:08:55.3, 0.5, 34.21S, 72.17W, h45km, 4km, ML4.3

ISCJTB 18 19:08:56.5, 1.0, 34.23S, 0.04, 72.10W, 0.10, h50km, 8km, mb4.5/20, MS3.8/9, Error ellipse: s-maj=13.5km az=10.1

ISC 18 19:08:56.3, 0.5, 34.20S, 0.04, 72.17W, 0.09, h39km, 93km, n69, e1.32/69, mb4.6/20, MS4.0/9, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LNV, NICH, NICH, etc.

Table with columns: ELDTW, Laidou, 1.93 212 eS, Sn, 19 40 15.9 +0.1

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

MAN 18 19:40:27.1195N-124:34E, h20km, mb4.5, ML3.4, MS3.3, 3C-2D, Leyte

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

IDC 18 19:52:18.2-1.9, 8:22N-103:98W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.6/41, mbtmp3.6/4, MS3.4/8, Ms1 3.4/8, ms1mx3.2/20, Error ellipse: s-maj=84.7km

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

PGC 18 19:55:32.9-0.0, 59:77N-138:79W, h3km, ML2.0/6, 66km northeast of Yakutat, Ak Southeastern Alaska, Southeastern Alaska

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

CSEM 18 20:00:48.0, 39:45N-29:96W, h10km, ML2.8, After PDA PDA 18 20:00:48.0-1.1, 39:45N-29:96W, h10km, MD3.6, ML2.8, 2D, Error ellipse: s-maj=105.9km s-min=9.8km az=48.0, Azores Islands

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

NEIC 18 20:11:18.7-0.3, 20:38N-156:70W, h10km, MD3.6(HVO), ML3.8(HON), Error ellipse: s-maj=9.4km s-min=3.6km az=41.0, NEIC Felt [III] at Haiku, Kihai, Kula, Makawao, Paia and Wailuku, [II] at Hana, Kahului and Lahaina. Also felt at Maunaloa, Felt [III] at Kaunapala and Kulaupua, Molokai. Also felt at Kaunapala, Felt [II] at Honolulu and Kailua, O'ahu. Also felt at Hickam AFB, Felt at Lana'i City, Lana'i.

Table with columns: MWH, Moku'aweo, 1.39 1331 eP, Pn, 20 11 43.9 -1.2

KRSC 18 20:27:51.7-0.6, 54:02N-160:02E, h6km, 2km, ML3.5, Near east coast of Kamchatka Peninsula

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

CSEM 18 20:28:04.4, 39:45N-29:83W, h10km, ML2.8, After PDA PDA 18 20:28:04.4-0.8, 39:45N-29:83W, h10km, MD3.6, ML2.8, Error ellipse: s-maj=70.8km s-min=6.2km az=50.0, Azores Islands

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

ISCJCB 18 20:30:16.5-0.7, 55:89S-0:10:25:6W, 0:2, h10km, mb4.3/8, MD3.8/3, Error ellipse: s-maj=18.8km s-min=12.5km az=151.0, IDC 18 20:30:17.1-0.9, 55:86S-25:60W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/23, mbtmp4.2/6, MS3.8/3, Mb1 3.8/3, ms1mx3.4/15, Error ellipse: s-maj=28.4km s-min=25.7km az=76.0, NEIC 18 20:30:18.4-0.5, 55:83S-25:59W, h10km, mb4.5/4, Error ellipse: s-maj=17.0km s-min=12.0km az=63.0, ISC 18 20:30:18.3-0.7, 55:95S-0:1:25:6W-0.1, h10km, n20, 0:69F17, mb4.5/8, MS3.6/3, South Sandwich Islands region

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

ISCJCB 18 20:30:16.5-0.7, 55:89S-0:10:25:6W, 0:2, h10km, mb4.3/8, MD3.8/3, Error ellipse: s-maj=18.8km s-min=12.5km az=151.0, IDC 18 20:30:17.1-0.9, 55:86S-25:60W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/23, mbtmp4.2/6, MS3.8/3, Mb1 3.8/3, ms1mx3.4/15, Error ellipse: s-maj=28.4km s-min=25.7km az=76.0, NEIC 18 20:30:18.4-0.5, 55:83S-25:59W, h10km, mb4.5/4, Error ellipse: s-maj=17.0km s-min=12.0km az=63.0, ISC 18 20:30:18.3-0.7, 55:95S-0:1:25:6W-0.1, h10km, n20, 0:69F17, mb4.5/8, MS3.6/3, South Sandwich Islands region

Table with columns: PLCA, Paso Flores, 32.84 278 LR, LR, 20 11 50.2

AUST 18 20:34:22.8-0.2, 0:49S-133:10E, h0km, 4km, Error ellipse: s-maj=5.2km s-min=1.6km az=32.0, IDC 18 20:34:25.1-1.6, 0:77S-133:00E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.4/44, mbtmp3.7/5, ML3.5/2, Error ellipse: s-maj=32.9km s-min=20.5km az=52.0, ISCJCB 18 20:34:26.7-1.4, 0:75S-0:1:133:21E-0:07, h32km, mb3.7/3, Error ellipse: s-maj=18.2km s-min=8.2km az=24.1, DJA 18 20:34:26.5-1.5, 0:5:16:13 3E1, h74km, 19km, M4.0/5, mb4.3/2, mb4.7/2, MLV3.9/5, MW(Mb)3.9/2, ISC 18 20:34:29.3-1.5, 0:75S-0:1:132:99E-0:10, h32km, n19, 0:131F11, mb3.6/3, Irian Jaya region

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

IDC 18 20:37:53.4-0.7, 10:42N-126:38E, h0km, mb3.9/15, mb1 4.0/15, mb1mx3.8/50, mbtmp3.9/15, MS3.0/2, Ms1 3.0/2, ms1mx2.5/31, Error ellipse: s-maj=38.1km s-min=15.9km az=68.0, NEIC 18 20:37:54.9-0.5, 10:41N-126:32E, h10km, mb4.2/4, Error ellipse: s-maj=22.4km s-min=9.1km az=71.0, ISC 18 20:37:55.10, 45N-126:51E, h0km, mb4.9, ML3.8, MS3.9, ISC 18 20:37:54.7-3.7, 10:42N-0:05:126:50E-0:07, h10km, 23km, n42, 0:146/42, mb4.0/19, 2C-3D, Philippine Islands region

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

ISCJCB 18 20:30:16.5-0.7, 55:89S-0:10:25:6W, 0:2, h10km, mb4.3/8, MD3.8/3, Error ellipse: s-maj=18.8km s-min=12.5km az=151.0, IDC 18 20:30:17.1-0.9, 55:86S-25:60W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/23, mbtmp4.2/6, MS3.8/3, Mb1 3.8/3, ms1mx3.4/15, Error ellipse: s-maj=28.4km s-min=25.7km az=76.0, NEIC 18 20:30:18.4-0.5, 55:83S-25:59W, h10km, mb4.5/4, Error ellipse: s-maj=17.0km s-min=12.0km az=63.0, ISC 18 20:30:18.3-0.7, 55:95S-0:1:25:6W-0.1, h10km, n20, 0:69F17, mb4.5/8, MS3.6/3, South Sandwich Islands region

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

ISCJCB 18 20:30:16.5-0.7, 55:89S-0:10:25:6W, 0:2, h10km, mb4.3/8, MD3.8/3, Error ellipse: s-maj=18.8km s-min=12.5km az=151.0, IDC 18 20:30:17.1-0.9, 55:86S-25:60W, h0km, mb4.2/6, mb1 4.3/6, mb1mx4.0/23, mbtmp4.2/6, MS3.8/3, Mb1 3.8/3, ms1mx3.4/15, Error ellipse: s-maj=28.4km s-min=25.7km az=76.0, NEIC 18 20:30:18.4-0.5, 55:83S-25:59W, h10km, mb4.5/4, Error ellipse: s-maj=17.0km s-min=12.0km az=63.0, ISC 18 20:30:18.3-0.7, 55:95S-0:1:25:6W-0.1, h10km, n20, 0:69F17, mb4.5/8, MS3.6/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURBB, BVAR, BRVK, ARU, ARU, ILAR, ARCES, BRTR, FINES, HFS, TORO.

ISK 18 21:16:18.8,36:94N,35:51E,h24km,MD2.5
DDA 18 21:16:19.3,36:94N,35:62E,h7km,MD2.7
ISCJB 18 21:16:20.0,0.7,36:95N,0:05:35:57E,0:03,h26km,7km,
Error ellipse: s-maj=8.4km s-min=4.2km az=8.5
CSEM 18 21:16:20.0,0.3,36:95N,35:55E,h20km,MD2.5,Error
ellipse: s-maj=9.0km s-min=4.8km az=25.0
ISC 18 21:16:19.9,1.0,36:98N,0:04:35:56E,0:03,h26km,6km,
n16,e0546/30,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CEYT, AKO, KARA, KOZT, DED, GULE, GULE, TAHT, KAMA, HCB, KUZU, KUZU.

IDC 18 21:30:52.7±1.6,12:83N,86:50W,h0km,mb3.4/4,
mb1 3.7/5,mb1mx3.5/30,mbtmp3.4/5,ML2.4/1,MS2.4/1,
Ms1 2.4/1,ms1mx2.2/27,Error ellipse: s-maj=104.8km
s-min=28.4km az=59.0,Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JTS, TXAR, ULM, YKA, ILAR, CMAR.

CSEM 18 21:36:24.9,0.1,44:63N,7:19E,h15km,ML2.6/32,Error
ellipse: s-maj=3.5km s-min=2.0km az=68.0
ISCJB 18 21:36:24.2,0.3,44:63N,0:01:7:15E,0:03,h11km,Error
ellipse: s-maj=3.0km s-min=1.7km az=157.7
LDG 18 21:36:25.0,0.0,44:62N,7:25E,h10km,MD2.6/3,M2.5/33,
Error ellipse: s-maj=1.0km s-min=0.6km az=72.0
ROM 18 21:36:25.0,0.1,44:60N,7:19E,h15km,3km,MD2.3/9,
M2.3/8,Error ellipse: s-maj=1.8km s-min=1.1km az=74.0
STR 18 21:36:26.4,0.2,44:60N,7:16E,h5km,M2.6,Error ellipse:
s-maj=0.0km s-min=0.0km az=0.0
GEN 18 21:36:26.0,44:59N,7:18E,h10km,ML2.3
ISC 18 21:36:24.3,0.7,44:62N,0:01:7:21E,0:02,h11km,n89,
e151/176,Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DOI, HAU, PZZ, BHB, OG22, MBDF, MBDF, STV, ENR, RRL, RRL, RSP, RSP, BNI, BNI.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BNI, MVIF, MVIF, LUCF, LUCF, SBF, SBF, RORO, RORO, REVV, REVV, CALN, CALN, CALN, CALN, FINB, FINB, FINB, FINB, LMG, LMG, LMG, LMG, LPL, LPL, LPL, LPL, ORIF, ORIF, ORIF, ORIF, FRF, FRF, FRF, FRF, RSL, RSL, RSL, RSL, SMRF, SMRF, SMRF, SMRF, LMR, LMR, LMR, LMR, VIVF, VIVF, VIVF, VIVF, CABF, CABF, CABF, CABF, PGF, PGF, PGF, PGF, LASF, LASF, LASF, LASF, SMF, SMF, SMF, SMF, HNF, HNF, HNF, HNF, HAU, HAU, HAU, HAU, AVF, AVF, AVF, AVF, LOR, LOR, LOR, LOR, SSF, SSF, SSF, SSF, BGF, BGF, BGF, BGF, CAF, CAF, CAF, CAF, CDF, CDF, CDF, CDF, MTLF, MTLF, MTLF, MTLF, SFTF, SFTF, SFTF, SFTF.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SFTF, TCF, TCF, PAGF, PAGF, PAGF, PAGF, RJJF, RJJF, RJJF, RJJF, MEZF, MEZF, MEZF, MEZF, LFF, LFF, LFF, LFF, RAO, RAO, RAO, RAO, WMGZ, WMGZ, WMGZ, WMGZ, HAZ, HAZ, HAZ, HAZ, MWZ, MWZ, MWZ, MWZ, URZ, URZ, URZ, URZ, RIGZ, RIGZ, RIGZ, RIGZ, MCHZ, MCHZ, MCHZ, MCHZ, KWHZ, KWHZ, KWHZ, KWHZ, BFZ, BFZ, BFZ, BFZ, MRZ, MRZ, MRZ, MRZ, RPZ, RPZ, RPZ, RPZ, DZM, DZM, DZM, DZM, DZM, DZM, DZM, DZM, ARMA, ARMA, ARMA, ARMA, MGCD, MGCD, MGCD, MGCD, EIDS, EIDS, EIDS, EIDS, MILA, MILA, MILA, MILA, PAE, PAE, PAE, PAE, PPT2, PPT2, PPT2, PPT2, PPT, PPT, PPT, PPT, MEH, MEH, MEH, MEH, RMQ, RMQ, RMQ, RMQ, VAH, VAH, VAH, VAH, TOO, TOO, TOO, TOO, CMSA, CMSA, CMSA, CMSA, QLP, QLP, QLP, QLP, CTAO, CTAO, CTAO, CTAO, ARPS, ARPS, ARPS, ARPS, STKA, STKA, STKA, STKA, STKA, STKA, STKA, STKA, MTSU, MTSU, MTSU, MTSU, BBOO, BBOO, BBOO, BBOO, COEN, COEN, COEN, COEN, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRKA, WRKA, WRKA, WRKA, SBA, SBA, SBA, SBA, Vnda, Vnda, Vnda, Vnda, KNRA, KNRA, KNRA, KNRA, FITZ, FITZ, FITZ, FITZ, SIJI, SIJI, SIJI, SIJI, GSPA, GSPA, GSPA, GSPA, GSPA, GSPA, GSPA, GSPA, PMSA, PMSA, PMSA, PMSA, MAW, MAW, MAW, MAW, KSM, KSM, KSM, KSM, SNA, SNA, SNA, SNA.

RKT	comp=Z,3um,29.0s	eLR	LR	22 41 13.3	
RKT	Rikitea	37.07 109	eT	T	23 10 48.5
MGCB	Wangre Creek	37.33 234	P	P	22 31 32.5 +6.6
RMQ	Roma	37.44 245	P	P	22 31 26.4 -0.7
KHU	Kahuku	37.76 28	PFAKE	LR	22 31 40.0 +1.0
KHU	comp=Z,5um,21.0s		LR		
PUH	Puauhi	38.05 28	eP	P	22 31 30.2 -2.1
UWE	Uwekahuna	38.06 28	PFAKE	LR	22 31 40.0 +7.6
UWE	comp=Z,5um,20.0s		LR		
POHA	Pohakuloa	38.25 27	PFAKE	LR	22 31 50.0 +1.6
POHA	comp=Z,5um,20.0s		LR		
H11S2	WAKE ISLAND Hy	38.34 328	T	T	23 12 33.9
H11S3	WAKE ISLAND Hy	38.35 328	T	T	23 12 20.3
H11S1	WAKE ISLAND Hy	38.36 328	T	T	23 12 36.9
HPAH	Hawaii Prepara	38.41 27	eP	P	22 31 34.9 -0.4
HPAH	comp=Z,4um,20.0s		P	P	22 31 48.5 +3.5
WAKE	Wake Island	39.03 329	PFAKE	LR	22 31 50.0 +1.0
WAKE	comp=Z,4um,22.0s		LR		
CTA	Charters Tower	39.05 256	P	P	22 31 30.9 -1.0
CTA	comp=Z,3.4nm,0.7s,baz=89,SNR=14,SNR=2.6		P	P	22 31 31.0 -1.0
CTA	Charters Tower	39.05 256	P	P	22 31 31.0 -1.0
CTA	comp=Z,3.0nm,0.7s		P	P	22 31 43.4 +2.8
CTAO	Charters Tower	39.05 256	eP	P	22 31 43.4 +2.8
CTAO	comp=Z,1.4nm,0.8s		P	P	22 31 43.4 +2.8
CTAO	Charters Tower	39.05 256	eP	P	22 31 43.4 +2.8
CTAO	comp=Z,1.1um,18.0s		P	P	22 31 43.4 +2.8
PMG	Port Moresby	39.09 273	LR	LR	22 45 29.7
PMG	comp=Z,1um,19.2s,baz=89,SNR=33		LR	LR	22 31 38.3 -2.8
PMG	Port Moresby	39.09 273	eP	P	22 31 38.3 -2.8
PMG	comp=Z,4.5nm,1.1s		P	P	22 31 43.5 +2.4
PMG	Port Moresby	39.09 273	eP	P	22 31 43.5 +2.4
PMG	comp=Z,0.6nm,1.6s		LR	LR	
H11N3	WAKE ISLAND Hy	39.27 330	T	T	23 13 48.8
H11N1	WAKE ISLAND Hy	39.28 330	T	T	23 13 55.2
H11N2	WAKE ISLAND Hy	39.29 330	T	T	23 13 50.1
CNB	Canberra Magne	39.45 232	P	P	22 31 33.5 -1.0
MANU	Manus Island	40.88 284	eP	P	22 31 57.0 +1.1
MANU	comp=Z,1.52nm,2.1s		LR	LR	
MTSU	Mount Surprise	40.88 259	P	P	22 31 47.2 -8.7
CMSA	Cobar Meteorol	41.18 239	P	P	22 31 47.6 -1.1
QLP	Quilpie	41.45 246	P	P	22 31 49.6 -1.1
COEN	Coen	42.26 265	P	P	22 32 01.1 -6.1
TOOL	Toolangi	43.18 230	P	P	22 32 03.6 -1.1
STKA	Stephens Creek	44.65 239	P	P	22 32 15.9 -1.0
STKA	comp=Z,6.6nm,0.9s,baz=114,slow=7.4,SNR=5.0		LR	LR	22 48 06.8
STKA	Stephens Creek	44.65 239	eP	P	22 32 30.2 +3.9
STKA	Stephens Creek	44.65 239	P	P	22 32 16.7 -1.0
STKA	Stephens Creek	44.65 239	eP	P	22 32 30.3 +3.9
STKA	Stephens Creek	44.65 239	LR	LR	
BBOO	Buckleboo	49.43 239	eP	P	22 33 08.1 +4.5
BBOO	comp=Z,53nm,1.3s		LR	LR	
GUMO	Guam	50.05 302	LR	LR	22 50 55.5
WR9	Warramunga Arr	50.09 256	PFAKE	LR	22 33 20.0 +1.1
WR7	Warramunga Arr	50.12 256	PFAKE	LR	22 33 20.0 +1.1
WR6	Warramunga Arr	50.14 256	PFAKE	LR	22 33 20.0 +1.1
WR5	Warramunga Arr	50.17 256	PFAKE	LR	22 33 20.0 +1.1
WR4	Warramunga Arr	50.19 256	PFAKE	LR	22 33 20.0 +1.0
WR3	Warramunga Arr	50.21 256	PFAKE	LR	22 33 20.0 +1.0
WB0	Warramunga Arr	50.21 256	PFAKE	LR	22 33 20.0 +1.0
WB9	Warramunga Arr	50.22 256	PFAKE	LR	22 33 20.0 +1.0
WC3	Warramunga Arr	50.22 256	PFAKE	LR	22 33 20.0 +1.0
WC2	Warramunga Arr	50.23 256	PFAKE	LR	22 33 20.0 +1.0
WB5	Warramunga Arr	50.23 256	PFAKE	LR	22 33 20.0 +1.0
WB6	Warramunga Arr	50.23 256	PFAKE	LR	22 33 20.0 +1.0
WR2	Warramunga Arr	50.23 256	PFAKE	LR	22 33 20.0 +1.0
WB4	Warramunga Arr	50.23 256	PFAKE	LR	22 33 20.0 +1.0
WB3	Warramunga Arr	50.24 256	PFAKE	LR	22 33 20.0 +1.0
WB2	Warramunga Arr	50.24 256	PFAKE	LR	22 33 20.0 +1.0
WRAB	Tennant Creek	50.24 256	iP	P	22 33 06.8 -3.2
WRAB	comp=Z,58nm,1.0s		P	P	22 33 01.0 -9.0
WR4	Warramunga Arr	50.25 256	PFAKE	LR	22 33 20.0 +1.0
WR1	Warramunga Arr	50.25 256	PFAKE	LR	22 33 20.0 +1.0
WRA	Warramunga Arr	50.25 256	P	P	22 32 59.9 -1.0
WRA	comp=Z,3.8nm,0.4s,baz=90,slow=7.1,SNR=80		LR	LR	22 54 10.8
WRA	Warramunga Arr	50.25 256	P	P	22 32 59.9 -1.0
WRA	comp=Z,4.0nm,0.4s		MLR	MLR	
WC1	Warramunga Arr	50.25 256	PFAKE	LR	22 33 20.0 +1.0
WC1	comp=Z,2um,20.0s		P	P	22 33 02.2 -1.0
ASAR	Alice Springs	50.58 251	P	P	22 33 02.3 -1.0
ASAR	comp=Z,1.9nm,0.6s,baz=85,slow=3.1,SNR=212		P	P	22 33 02.3 -1.0

ASAR	comp=Z,19nm,0.6s		pmax	pmax	
MTN	Manton Dam	54.02 265	eP	P	22 33 39.6 +1.5
MTN	comp=Z,51nm,1.0s		LR	LR	
FAKI	Fak Fak	55.02 277	PFAKE	LR	22 34 00.0 +1.5
FAKI	comp=Z,600nm,20.0s		LR	LR	
WRKA	Warakina	55.69 249	P	P	22 33 40.1 -1.0
WRKA	baz=54,SNR=31		P	P	22 34 05.0 +1.1
PALU	Palau	56.28 289	P	P	22 33 50.2 -6.1
PALU	baz=56,SNR=4.7		P	P	22 34 02.9 -7.9
SIJI	Sonjo	56.53 279	P	P	22 34 02.9 -7.9
SIJI	comp=Z,8.1nm,0.6s,baz=73,slow=6.3,SNR=7.0		P	P	22 57 19.4
FITZ	Fitzroy Crossi	58.60 258	P	P	22 34 10.0 -0.7
FITZ	comp=Z,2um,22.0s,slow=31		LR	LR	22 54 50.1
JCJ	Chichijima	59.91 314	LR	LR	22 34 40.0 +1.4
JCJ	comp=Z,2um,22.0s,slow=31		LR	LR	22 34 32.5 +3.7
TNTI	Ternate	60.74 279	PFAKE	LR	22 34 26.5 -2.2
TNTI	comp=Z,600nm,19.0s		LR	LR	
SOEI	Soe	61.19 267	P	P	22 34 35.8 +6.6
SOEI	baz=60,SNR=5.7		P	P	22 34 52.6 +5.5
SOEI	Soe	61.19 267	eP	P	22 34 52.6 +5.5
SOEI	comp=Z,81nm,0.8s		MLR	MLR	
KMBL	Kambalda	61.31 242	P	P	22 34 52.6 +5.5
KMBL	baz=59,SNR=4.4		MLR	MLR	
SBA	Scott Base	64.12 185	eP	P	22 34 52.6 +5.5
SBA	comp=Z,89nm,1.4s		MLR	MLR	
SBA	comp=Z,1um,19.0s		LR	LR	22 34 39.2 -8.8
SBA	Scott Base	64.12 185	eP	P	22 34 39.2 -8.8
SBA	comp=Z,89nm,1.4s		LR	LR	22 55 12.2
VNDA	Vanda	64.25 186	P	P	22 34 39.2 -8.8
VNDA	comp=Z,1um,19.0s		P	P	22 34 39.2 -8.8
VNDA	comp=Z,6.4nm,1.1s,baz=11,slow=7.6,SNR=10		P	P	22 34 39.2 -8.8
VNDA	comp=Z,5.61nm,21.6s,baz=23,slow=29		P	P	22 34 39.2 -8.8
VNDA	Vanda	64.25 186	P	P	22 34 39.2 -8.8
VNDA	comp=Z,6.0nm,1.1s		MLR	MLR	
MEEK	Meekatharra	64.34 247	P	P	22 34 45.7 -3.8
MEEK	comp=Z,5.61nm,21.6s		P	P	22 34 45.7 -3.8
DAV	Daavo City (W)	64.41 285	LR	LR	23 01 12.8
DAV	baz=62,SNR=5.0		LR	LR	22 35 00.0 +1.0
DAV	Daavo City (W)	64.41 285	PFAKE	LR	22 35 00.0 +1.0
DAV	comp=Z,2um,21.0s		LR	LR	
LWUI	Luwuk	64.64 276	PFAKE	LR	22 35 00.0 +8.4
LWUI	comp=Z,400nm,22.0s		LR	LR	
KLBR	Kellerberrin	64.83 242	P	P	22 34 59.5 +6.9
KLBR	baz=63,SNR=5.0		P	P	22 34 45.1 -1.0
NWAO	Narrogin (SRO)	65.23 240	eP	P	22 34 59.5 +6.9
NWAO	comp=Z,1.6nm,1.1s,baz=74,slow=1.2,SNR=3.5		P	P	22 34 59.5 +6.9
NWAO	Narrogin (SRO)	65.23 240	eP	P	22 34 59.5 +6.9
NWAO	comp=Z,55nm,1.3s		MLR	MLR	
NWAO	comp=Z,2um,21.0s		LR	LR	22 34 59.3 +4.1
NWAO	Narrogin (SRO)	65.23 240	eP	P	22 34 59.3 +4.1
NWAO	comp=Z,55nm,1.3s		LR	LR	
KAPI	Kappang	66.58 271	LR	LR	23 01 20.5
KAPI	comp=Z,1.56nm,19.9s,baz=115,slow=34		LR	LR	23 01 12.8
MJAR	Matsushiro Arr	68.42 319	P	P	22 35 12.5 -2.8
MJAR	comp=Z,1.6nm,0.9s,baz=147,slow=5.6,SNR=5.1		P	P	22 59 41.8
MJAR	Matsushiro Arr	68.42 319	P	P	22 35 12.5 -2.8
MJAR	comp=Z,2um,22.0s,baz=135,slow=31		P	P	22 35 12.5 -2.8
MJAR	Matsushiro Arr	68.42 319	P	P	22 35 12.5 -2.8
MJAR	comp=Z,2.0nm,0.9s		MLR	MLR	
MAJO	Matsushiro	68.42 319	eP	P	22 35 15.2 -0.1
MAJO	comp=Z,2um,22.0s		P	P	22 35 15.2 -0.1
MAJO	Matsushiro	68.42 319	eP	P	22 35 15.2 -0.1
MAJO	comp=Z,1.70nm,1.4s		MLR	MLR	
MAJO	comp=Z,2um,22.0s		P	P	22 35 15.2 -0.1
MAJO	Matsushiro	68.42 319	eP	P	22 35 15.2 -0.1
MAJO	comp=Z,1.70nm,1.4s		LR	LR	22 35 12.8 -2.5
MAT	Matsushiro	68.42 319	P	P	22 44 13.8 -1.0
MAT	comp=Z,2um,22.0s		P	P	22 35 30.0 +1.0
ERM	Erimo	69.16 327	PFAKE	LR	22 35 20.1 +0.4
ERM	comp=Z,2um,20.0s		P	P	22 35 20.1 +0.4
KUR	Kuril'sk	69.17 332	eP	P	22 35 20.1 +0.4
KUR	comp=Z,2um,20.0s		S	S	22 44 22.2 -1.0
YUK	Yuzh-Kuril'sk	69.22 330	eP	P	22 35 20.1 0.0
YUK	comp=Z,2um,20.0s		S	S	22 44 23.3 -0.6
FALS	False Pass	69.62 6	PFAKE	LR	22 35 30.0 +7.8
FALS	comp=Z,2um,22.0s		LR	LR	
SNCC	San Nicolas Is	69.83 46	P	P	22 35 25.4 +1.3
SNCC	baz=70		P	P	22 35 27.4 +1.2
BSC	Santa Cruz Isl	70.17 45	P	P	22 35 28.6 +1.3
BSC	baz=70		P	P	22 35 28.7 +1.3
SBC	Santa Barbara	70.36 45	P	P	22 35 40.0 +1.3
SBC	baz=70		P	P	22 35 40.0 +1.3
SCI	San Clemente I	70.37 47	P	P	22 35 40.0 +1.3
SCI	baz=70		P	P	22 35 40.0 +1.3
SDPT	Sand Point	70.44 8	PFAKE	LR	22 35 40.0 +1.3
SDPT	comp=Z,3um,22.0s		LR	LR	
MCCM	Marconi Confer	70.47 40	PFAKE	LR	22 35 40.0 +1.2
MCCM	comp=Z,2um,20.0s		LR	LR	
SAO	San Andreas Ge	70.55 42	eP	P	22 35 28.7 +0.2
SAO	comp=Z,2um,20.0s		P	P	22 35 28.7 +0.2
SAO	comp=Z,40nm,1.5s		MLR	MLR	
SAO	comp=Z,3um,20.0s		LR	LR	22 35 28.6 +0.2
SAO	San Andreas Ge	70.55 42	eP	P	22 35 28.6 +0.2
SAO	comp=Z,40nm,1.5s		LR	LR	
BLG	Laguna Peak	70.63 45	P	P	22 35 30.2 +1.3
BLG	baz=71		P	P	22 35 30.5 +1.3
SMMC	Simmler	70.66 44	P	P	22 35 30.6 +1.2
SMMC	baz=71		P	P	22 35 40.0 +1.0
CIS	Catalina Islan	70.70 46	P	P	22 35 40.0 +1.0
CIS	baz=71		P	P	22 35 40.0 +1.0
HOPS	Hopland	70.87 39	PFAKE	LR	23 00 52.7
HOPS	comp=Z,3um,20.0s		LR	LR	
ASAJ	Asahikawa	70.92 328	LR	LR	23 00 52.7
ASAJ	comp=Z,877nm,21.6s,slow=31		LR	LR	23 00 52.7
FMP	Fort Macarthur	70.94 46	P	P	22 35 32.0 +1.2
FMP	baz=71		P	P	22 35 33.2 +1.1
OSI	Ostio Adit	71.14 45	P	P	22 35 33.7 +1.2
OSI	baz=71		P	P	22 35 34.7 +2.0
DECC	Green Verdugo	71.21 46	P	P	22 35 35.5 +0.7
DECC	baz=71		P	P	22 35 34.5 +1.2
KMRM	Mali Ridge	71.25 38	eP	P	22 35 34.6 +1.3
KMRM	comp=Z,812nm,21.3s,baz=120,slow=31		LR	LR	23 01 32.4
PASC	Pasadena Art C	71.27 46	eP	P	22 35 34.2 +0.7
PASC	comp=Z,6.0nm,0.5s		P	P	22 35 40.8 +6.9
109C	Camp Elliot, M	71.34 47	P	P	22 44 55.5 +5.1
109C	baz=71		P	P	22 49 28.4 +2.1
ARVC	Arvin	71.35 45	P	P	22 49 28.4 +2.1
ARVC</					

I28A	Midland	87.53	43	P	P	22 37 02.2 +1.0
G27A	Dupree	87.57	42	P	P	22 37 02.6 +1.2
K29A	Lazy Trails An	87.62	45	P	P	22 37 02.8 +1.1
X36A	Centrahoma	87.64	54	P	P	22 37 03.1 +1.2
V35A	Meyer Ranch, C	87.66	52	P	P	22 37 03.2 +1.2
E26A	Carlson Angus	87.66	41	P	P	22 37 02.9 +1.1
R33A	Olander Ranch,	87.67	50	P	P	22 37 03.1 +1.1
P32A	Huiting Farm,	87.68	48	P	P	22 37 03.2 +1.2
439A	Center Grove,	87.69	58	P	P	22 37 03.4 +1.2
F27A	Lemmon	87.70	41	P	P	22 37 03.3 +1.2
L30A	Spencer Herefo	87.73	46	P	P	22 37 03.2 +0.9
238A	Jacksonville	87.78	56	P	P	22 37 03.9 +1.2
T34A	McClaskey Farm	87.82	51	P	P	22 37 04.1 +1.3
GYA	Guiyang	87.83	298	PP	PP	22 37 03.8 +0.6
GYA	Guiyang	87.83	298	PP	PP	22 37 15.6 +1.9
GYA	Guiyang	87.83	298	PP	PP	22 40 33.0 +3.5
GYA	Guiyang	87.83	298	SKS	SKS	22 47 27.4 -2.1
GYA	Guiyang	87.83	298	S	S	22 47 43.3 -0.8
GYA	Guiyang	87.83	298	SS	SS	22 49 00.5 +1.6
GYA	Guiyang	87.83	298	SS	SS	22 53 33.0 +1.0
GYA	comp=Z,20nm,1.0s					
GYA	comp=Z,140nm,5.0s					
GYA	comp=N,710nm,20.4s					
GYA	comp=E,640nm,21.0s					
GYA	comp=Z,740nm,20.6s					
N31A	Bailey Ranch,	87.86	47	P	P	22 37 03.8 +0.9
J29A	Okreek	87.86	44	P	P	22 37 04.3 +1.4
H28A	Mission Ridge	87.89	43	P	P	22 37 04.1 +1.2
D26A	Manning	87.91	40	P	P	22 37 04.1 +1.1
W36A	Wetumka	87.92	53	P	P	22 37 04.3 +1.1
U35A	Pawnee	87.94	52	P	P	22 37 04.4 +1.1
B25A	Knox Farm, Ray	87.97	39	P	P	22 37 04.3 +1.1
138A	Matatal Enter	88.02	56	P	P	22 37 05.0 +1.2
Y37A	Hugo	88.02	54	P	P	22 37 04.9 +1.2
Q33A	Connelly Farm,	88.02	49	P	P	22 37 05.1 +1.4
339A	Huntington	88.03	57	P	P	22 37 04.9 +1.1
M31A	Lambrecht Ranc	88.03	46	P	P	22 37 04.8 +1.1
K30A	Basset	88.08	45	P	P	22 37 04.9 +1.1
NATX	Nacogdoches	88.08	57	PFAKE	LR	22 37 20.0 +1.6
S34A	Willow Spring	88.11	50	P	P	22 37 05.2 +1.1
G28A	Parade	88.11	42	P	P	22 37 05.3 +1.3
I29A	Vivian Onida	88.11	44	P	P	22 37 05.2 +1.2
O32A	Brockman Farm,	88.14	48	P	P	22 37 05.3 +1.1
540A	Vidor	88.15	58	P	P	22 37 05.6 +1.2
R34A	Isabella, Hill	88.21	50	P	P	22 37 05.7 +1.1
E27A	Carson	88.22	41	P	P	22 37 05.9 +1.5
A25A	Svangstu Ranch	88.27	38	P	P	22 37 05.7 +1.0
P33A	Williams Farm,	88.27	49	P	P	22 37 06.2 +1.3
Z38A	Mt. Pleasant	88.29	55	P	P	22 37 06.2 +1.2
T35A	Sooner Cattle	88.29	51	P	P	22 37 06.2 +1.2
XAN	Xi'an	88.30	306	P	P	22 37 14.5 +9.3
XAN						22 37 25.0 +9.3
XAN						22 47 40.0 +8.2
XAN						22 48 01.0 +7.0
XAN	comp=Z,19nm,1.5s					
XAN	comp=Z,290nm,9.8s					
XAN	comp=Z,210nm,39.0s					
XAN	comp=Z,560nm,39.6s					
N32A	Stulken Farm,	88.31	47	P	P	22 37 06.0 +1.0
239A	Gary	88.31	56	P	P	22 37 06.1 +1.0
440A	Kirbyville	88.34	58	P	P	22 37 06.4 +1.1
V36A	Jenks	88.35	52	P	P	22 37 06.2 +0.9
J30A	Dallas	88.40	44	P	P	22 37 06.2 +0.9
H29A	Onida	88.40	43	P	P	22 37 06.5 +1.1
X37A	Clayton	88.41	54	P	P	22 37 06.7 +1.1
YAK	Yakutsk	88.41	337	LR	LR	23 10 12.5
YAK	Yakutsk	88.41	337	eP	eP	22 37 03.4 -1.5
YAK	Yakutsk	88.41	337	ePP	ePP	22 37 14.3 -1.1
YAK	Yakutsk	88.41	337	e	e	22 40 39.7
YAK	Yakutsk	88.41	337	ePPP	ePPP	22 42 26.0
YAK	Yakutsk	88.41	337	eS	eS	22 47 27.1 -3.9
YAK	Yakutsk	88.41	337	eSS	eSS	22 47 43.0 +1.2
YAK	Yakutsk	88.41	337	e	e	
YAK	comp=E,6.0nm,1.6s					
YAK	comp=N,3.0nm,1.0s					
YAK	comp=Z,22nm,1.1s					
YAK	comp=Z,339nm,5.2s					
YAK	comp=N,106nm,3.2s					
YAK	comp=E,154nm,5.0s					
YAK	comp=E,95nm,4.6s					
YAK	comp=N,273nm,5.0s					
YAK	comp=Z,351nm,18.0s					
YAK	comp=N,291nm,20.0s					
YAK	comp=E,345nm,19.0s					
YAK	comp=E,5.0nm,0.5s					
F28A	McLaughlin	88.48	42	P	P	22 37 06.8 +1.1
D27A	Center	88.51	40	P	P	22 37 06.9 +1.1
T11A	Tulsa	88.51	52	P	P	22 37 07.1 +1.0
B26A	Jensen Ranch,	88.57	39	P	P	22 37 07.3 +1.3
139A	Bunthouse Ranc	88.58	56	P	P	22 37 07.7 +1.3

340A	Bronson	88.60	57	P	P	22 37 07.7 +1.2
HHC	Hu-ho-hao-te	88.60	313	eP	P	22 37 17.9 +1.1
HHC				SKS	SKS	22 47 33.3 -0.2
HHC				S	S	22 47 59.8 +3.3
HHC				SS	SS	22 48 17.0 +8.7
HHC	comp=Z,27nm,1.0s			PMZ		
HHC	comp=Z,350nm,8.0s			LN		
HHC	comp=Z,210nm,17.4s			LE		
HHC	comp=Z,340nm,17.1s			LZ		
BGNE	Belgrade	88.64	47	P	P	22 37 07.8 +1.3
K31A	O'Neill	88.65	45	P	P	22 37 07.7 +1.2
Q34A	Chapman	88.65	49	P	P	22 37 07.8 +1.2
I30A	Oacoma	88.66	44	P	P	22 37 07.7 +1.2
MAW	Mawson	88.67	199	P	P	22 36 57.8 -8.4
MAW	comp=Z,3.4nm,0.3s,baz=148,slow=8.3,SNR=10			LR	LR	
MAW	comp=Z,3um,20.4s,baz=96,slow=34					23 13 41.6
MAW	Mawson	88.67	199	P	P	22 36 57.8 -8.4
MAW	comp=Z,3.0nm,0.3s			pmx	pmx	
MAW	comp=Z,3um,20.4s			MLR	MLR	
MAW	Mawson	88.67	199	P	P	22 36 58.3 -7.9
S35A	Otter Creek Ra	88.69	51	P	P	22 37 08.1 +1.2
Y38A	Idabel	88.70	55	P	P	22 37 08.0 +1.0
U36A	Oologah	88.71	52	P	P	22 37 08.0 +1.0
SLVN	Son La	88.79	292	eP	P	22 37 09.2 +1.5
SLVN	comp=Z,15nm,1.3s			eP	P	
T36A	Boggs Farm, Ca	88.82	51	P	P	22 37 18.4 +0.1
X38A	Whitesboro	88.86	54	P	P	22 37 08.8 +1.1
J31A	Geddes	88.90	45	P	P	22 37 08.7 +1.0
N33A	J Bar K, Exete	88.90	47	P	P	22 37 08.8 +1.1
A26A	Wade Farm, Ken	88.90	39	P	P	22 37 08.6 +1.0
Z39A	Irene McRaven,	88.92	55	P	P	22 37 09.1 +1.1
P34A	Walnut Farm, R	88.94	49	P	P	22 37 09.2 +1.2
L32A	Elgin	88.94	46	P	P	22 37 08.8 +0.9
KSU1	Kansas State U	88.95	49	PFAKE	LR	22 37 20.0 +1.2
R35A	Emporia Munic	88.99	50	P	P	22 37 09.3 +1.0
V37A	Hulbert	89.00	53	P	P	22 37 09.8 +1.4
F29A	Eureka	89.10	42	P	P	22 37 09.9 +1.2
D28A	Regan	89.14	41	P	P	22 37 09.8 +1.0
SUSD	South Dakota S	89.17	44	P	P	22 37 10.1 +1.1
B27A	Pet Farms,	89.18	39	P	P	22 37 09.9 +1.0
U37A	Salina	89.19	52	P	P	22 37 10.3 +1.1
YKA	Yellowknife Ar	89.22	23	P	P	22 37 06.7 -2.0
YKA	comp=Z,1.1nm,0.8s,baz=240,slow=4.8,SNR=14			pmx	pmx	
YKA	Yellowknife Ar	89.22	23	P	P	22 37 06.7 -2.0
W38A	PotEAU	89.23	54	P	P	22 37 10.5 +1.1
S36A	Lake Cedric, C	89.25	51	P	P	22 37 10.2 +0.7
O34A	Beatrice	89.25	48	P	P	22 37 10.4 +1.0
Q35A	Mercer Eighty,	89.29	50	P	P	22 37 10.6 +1.0
G30A	Faulkton	89.29	43	P	P	22 37 10.5 +1.0
M33A	Taylor Creek F	89.36	47	P	P	22 37 11.0 +1.1
E29A	Napoleon	89.50	41	P	P	22 37 11.7 +1.2
R36A	Gordon, Harris	89.51	50	P	P	22 37 11.9 +1.2
L33A	Hoskins	89.51	46	P	P	22 37 11.9 +1.2
P35A	Duane Minner,	89.52	49	P	P	22 37 11.7 +1.0
J32A	Parkston	89.53	45	P	P	22 37 11.8 +1.1
V38A	Carnehill	89.56	53	P	P	22 37 12.0 +1.0
T37A	Cheneyville 18	89.57	51	P	P	22 37 12.1 +1.1
TGUH	Tegucigalpa,Un	89.61	75	PFAKE	LR	22 37 20.0 +8.4
N34A	Lincoln	89.61	48	P	P	22 37 12.1 +1.0
BTO	Baotou	89.62	312	eP	P	22 37 21.8 +1.1
F30A	Leola	89.63	42	P	P	22 37 12.2 +1.1
D29A	Pettibone, Tap	89.71	41	P	P	22 37 12.7 +1.2
Q36A	Arnold C. Orve	89.75	50	P	P	22 37 12.9 +1.1
B28A	Dugan Ranch, T	89.75	39	P	P	22 37 12.7 +1.1
U38A	Gravette	89.76	52	P	P	22 37 12.9 +1.1
M34A	Aspy Farms, Fr	89.77	47	P	P	22 37 13.0 +1.2
MIAR	Mount Ida	89.80	54	PFAKE	LR	22 37 20.0 +7.9
S37A	Fort Scott	89.84	51	P	P	22 37 13.3 +1.0
O35A	Humboldt	89.84	48	P	P	22 37 13.4 +1.2
PLCA	Paso Flores	89.93	132	P	P	22 37 05.9 -6.9
PLCA	comp=Z,2.2nm,0.9s,baz=230,slow=19,SNR=1.6			LR	LR	
PLCA	comp=Z,1um,20.1s,baz=274,slow=30					23 09 44.1
PLCA	Paso Flores	89.93	132	P	P	22 37 05.9 -6.9
PLCA	comp=Z,2.0nm,0.9s			MLR	MLR	
A28A	Rude Farm, Bot	89.98	39	P	P	22 37 13.9 +1.2
MDND	Maddock	90.00	40	P	P	22 37 13.9 +1.1
R37A	Teagarden Farm	90.01	50	P	P	22 37 14.1 +1.1
L34A	Svendens Farm,	90.07	47	P	P	22 37 14.4 +1.2
F31A	Hecla	90.14	42	P	P	22 37 14.6 +1.1
P36A	Good Intent, A	90.15	49	P	P	22 37 14.7 +1.1
H32A	Carlson Farm,	90.21	44	P	P	22 37 14.9 +1.1
N35A	Tabor	90.23	48	P	P	22 37 15.3 +1.3
D30A	Buchanan	90.26	41	P	P	22 37 15.2 +1.3
B29A	Wagenman Farm,	90.38	40	P	P	22 37 15.7 +1.2
M35A	Neola	90.39	47	P	P	22 37 15.7 +1.0
G32A	Weibler	90.42	43	P	P	22 37 16.5 +1.7
Q37A	Longview Farm,	90.47	50	P	P	22 37 16.2 +1.1

I33A	Coleman	90.48	44	P	P	22 37 16.3 +1.2
O36A	Bolckow	90.49	49	P	P	22 37 16.5 +1.3
ECSD	EROS Data Cent	90.50	45	eP	LR	22 37 17.0 +1.9
K34A	Le Mars	90.51	46	P	P	22 37 16.4 +1.1
A29A	Manning Farm,	90.62	39	P	P	22 37 16.9 +1.3
E31A	Nome	90.62	42	P	P	22 37 16.9 +1.2
C30A	Moose, Pekin	90.65	41	P	P	22 37 17.1 +1.3
R38A	Fenwick Farm,	90.66	51	P	P	22 37 17.1 +1.1
H33A	Prehn Over Nor	90.73	44	P	P	22 37 17.4 +1.1
P37A	Lathrop	90.77	49	P	P	22 37 17.6 +1.1
J34A	George	90.80	45	P	P	22 37 17.8 +1.2
KMI	Kunming	90.85	296	P	P	22 37 18.0 +0.5
KMI				pP	pP	22 37

18d 22h

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries like J36A Jessenland, He, 92.60 45 P, CHTO Chiang Mai, 92.63 289 eP, etc.

2010 DEC

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries like SWET Sewanee, 96.03 55, C39A Grand Marais, 96.04 42 P, WCI Wyandotte Cave, 96.45 52, etc.

810

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries like MKAR comp=Z,1.0nm,0.9s, MAKZ Makanchi, 110.59 315, PZI Presque Isle, 110.81 45, etc.

Table with columns: Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z. Includes stations like NEW Newport, PV01 Paradox Valley, ANMO Albuquerque, etc.

CSEM 18 22:43:03.0, 8.5, 50.31N, 18.86E, h33km, Error ellipse: s-maj=12.1km s-min=5.3km az=177.0

PRU 18 22:43:04.6, 50.28N, 18.87E, h0km, Poland

Table with columns: Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z. Includes stations like CHZP Chorzow, OJC Ojcow, OJC Ojcow, etc.

BGR 18 22:56:30.6, 4.40N, 94.91E, h33km, mb4.7, Ms5.0

BUI 18 22:56:38.3, 5.14N, 94.64E, h46km, mb5.1/67, mB4.9/39, Ms4.5/51, Ms7.4/48

MOS 18 22:56:39.5, 1.0, 5.60N, 94.73E, h33km, mb5.2/54, Ms5.0/16, Error ellipse: s-maj=8.4km s-min=4.8km az=118.5

ISCJB 18 22:56:42.8, 0.4, 5.42N, 0.02, 94.67E, 0.02, h68km, 3km, mb4.8/128, Error ellipse: s-maj=4.6km s-min=2.7km az=39.7

GCMT 18 22:56:43.1, 0.4, 5.27N, 94.55E, h53km, 2km, MW5.0/62, Moment Tensor Solution s29.63E, s62.67N, Duration: 0 Moment measure: Scale 10^16Nm; Mr3.10; 24; Mw-1.6; 1.8; Mw-1.4; 2.0; Mw-1.6; 1.1; Mw-2.0; 1.6; Mw-1.0; 2.1; Mw-1.4; Best double couple: Mw-4.0000; NP2: 0.324, 0.0000; 0.32, 0.0000; 1.04, 0.0000. Principal axes: T 3.6080, P1g74.0000, Azm14.0000; N 0.8600, P1g7.0000; Azm131.0000; P -4.4680, P1g14.0000, Azm223.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

AUST 18 22:56:43.2, 0.0, 5.59N, 94.60E, h51km, Error ellipse: s-maj=1.3km s-min=0.6km az=24.0

KLM 18 22:56:43.1, 5.31N, 94.56E, h40km, mb4.9, ML4.9, MS5.9, IDC 18 22:56:43.0, 0.6, 5.46N, 94.70E, h54km, 5km, mb4.5/41, mb1.4/64, mb1mx4.5/6, mbtmp4.8/44, MS4.4/15, Ms1.4/4.15, ms1mx4.0/48, Error ellipse: s-maj=11.7km s-min=8.2km az=41.0

NEIC 18 22:56:43.1, 0.4, 5.42N, 94.67E, mb5.1/38, Error ellipse: s-maj=4.8km s-min=3.2km az=218.0

DJA 18 22:56:44.1, 0.4, 5.4N, 94.5E, h49km, 5km, Ms0.0/22, mb5.1/22, mb5.4/12, MLV5.1/11, (Mw)4.8/12

ISC 18 22:56:42.4, 0.3, 5.44N, 0.03, 94.63E, 0.03, h49km, 2km, h49km; p-P, n585, r1940/634, mb4.9/128, MS5.0/32, 62C-37D, Northern Sumatra

Table with columns: Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z. Includes stations like CMBY CAMPBELL BAY, CMBY Meulaboh, LHMI Lhok Sumawe, etc.

Main table with columns: Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z. Includes stations like PSI comp=Z, 11nm, 0.3s, PSI Prapat, GSI Gunungstitol, GSI Gunungstitol, etc.

Table with columns: QIZ, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z. Includes stations like QIZ comp=Z, 980nm, 19.7s, QIZ Qiongzhong, BOK Bokaro, SHL Shilling, etc.

18d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GAZI, VSR, VOR, BBAL, KADHANI, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIE, PSZ, BEL, OJC, LANS, etc.

814

Table with columns for station name, frequency, power, and other technical details. Includes stations like JWB, WETZEL, CLL, COLIM, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like R11A Troy Canyon, F36A Milaca, K22A Casper, etc.

ICD 18 23:01:14.9,3.5,6.03S:149.80E,h0km,mb3.8/4, mb1.4/1.5,mb1mx3.7/37,mbtmp4.0/5,ML2.4/1,MS3.8/1, Ms1.3.8/1,ms1mx3.0/20,Error ellipse: s-maj=110.5km s-min=29.6km az=111.0

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

ICD 18 23:06:17.6,2.0,0.29S:133.14E,h0km,mb3.3/2, mb1.3.7/4,mb1mx3.5/38,mbtmp3.5/4,ML3.4/2,MS3.8/1, Ms1.3.8/1,ms1mx3.1/19,Error ellipse: s-maj=34.5km s-min=27.5km az=59.0

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRLC Kraljiky, KRLC Kraljiky, BRG Bergjesshubel, etc.

CSEM 18 23:22:15.9,0.2,43.02N:18.76E,h2km,ML2.5,Error ellipse: s-maj=4.7km s-min=2.9km az=103.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRY Bratogost, UPM Unac-Piva, UPM Unac-Piva, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HIZ Hauriti, HOWZ Holdsworth Sta, etc.

BGR 19 00:01:52.5, 24°07'S, 168°06'E, h33km
IDC 19 00:02:19.3, 0.8, 18°55'S, 169°78'E, h122km, 6km, mb4.3/22,
mb1 4.4/23, mb1mx4.3/40, mbmp4.7/23, MS3.3/3,
Ms1 3.3/3, ms1mx3.0/24, Error ellipse: s-maj=13.4km
s-min=9.9km az=108.0

NEIC 19 00:02:21.0, 1.1, 18°50'S, 168°67'E, h136km, 10km,
mb4.8/56, Error ellipse: s-maj=6.9km s-min=5.7km
az=209.0

ISCJB 19 00:02:21.4, 0.2, 18°56'S, 168°66'E, h150km,
mb4.7/87, Error ellipse: s-maj=5.4km s-min=5.1km
az=140.2

MOS 19 00:02:21.9, 1.2, 18°45'S, 168°64'E, h154km, mb4.8/20,
Error ellipse: s-maj=10.3km s-min=9.3km az=28.0
BJJ 19 00:02:24.1, 17.89'S, 168°36'E, h142km, mb4.7/38,
mb4.9/25

AUST 19 00:02:30.3, 18°9'S, 168°42'E, h200km
ISC 19 00:02:22.3, 0.3, 18°60'S, 167°68'E, h150km,
n253, 1939/248, mb4.7/7, 40-6D, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM Mont Dzumac, PANO Nakorpanom, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like COEN Coen, STKA Stephens Creek, WRAB Warramunga Arr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KMI Kunming, CM01 Chiang Mai Arr, CHTO Chiang Mai, etc.

0.3nm,0.7s,baz=3.1,slow=9.3,SNR=3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLA San Lorenzo, HJA Humahuaca, YJA Yavi, etc.

IDC 19 00:40:52.0,0.6,43.60N,84.70E,h0km,mb3.8/17, mb1.3,9/22,mb1mx3.8/57,mbtmp3.8/22,ML3.2/5,MS2.9/1, MS1.2/9,ms1mx2.5/41,Error ellipse: s-maj=16.2km s-min=9.3km az=53.0

BUI 19 00:40:53.6,43.62N,84.63E,h7km,mb4.0/7,ML3.7/9, MS3.5/3,MS7.3/3

ISCJB 19 00:40:55.7,0.3,43.80N,0.04,84.64E,0.05,h32km, mb3.8/19,Error ellipse: s-maj=6.2km s-min=4.8km az=36.4

NNC 19 00:40:56.7,3.1,43.83N,84.39E,h0km,mb3.9,mpv3.6, Error ellipse: s-maj=30.0km s-min=14.7km az=117.0

MOS 19 00:40:56.1,0.8,43.74N,84.68E,h36km,mb4.1/13,Error ellipse: s-maj=10.8km s-min=7.8km az=121.5

NEIC 19 00:40:58.2,0.6,43.68N,84.71E,h40km,mb4.0/5, Error ellipse: s-maj=6.9km s-min=5.0km az=204.0

ISC 19 00:40:57.2,0.4,43.72N,0.05,84.70E,0.04,h32km,n79, s146/84,mb3.9/15,15C-12D,Northern Xinjiang

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, VOSK Vostochaya, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTSI Tana Toraja, NLAI Namlea, FITZ Fitzroy Crossi, etc.

AZER 19 01:32:33.9,99.0,37.92N,44.53E,h2km,Error ellipse: s-maj=25.6km s-min=13.4km az=277.0

NSSP 19 01:32:34.5,38.42N,43.70E,h5km,MS3.5/3, ISK 19 01:32:35.2,38.58N,43.82E,h5km,ML3.3/3, DDA 19 01:32:37.4,38.59N,43.72E,h2km,MD3.5,Error ellipse: s-maj=5.9km s-min=4.6km az=134.0

ISC 01:32:36.9,1.0,38.55N,0.02,43.74E,0.02,h16km,gkm, n86,s186/103,12C-12D,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVAN Van, VANB Van, GEVA Gevas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIC Toumudi, DBIC Dimboko, DBIC 2.0nm, 0.3s, etc.

DJA 19:01:36:18.5:1.1, 8.3S, 107E, h35km, 14km, M3.5/5, ML3.5/5, South of Java

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNJI Cibinong, CNJI Cisomet, SKJI Sukabumi, etc.

IDC 19:01:37:51.1:1.1, 0.51:50N:176:21W, h0km, mb4.0/17, mb1.4/17, mb1mx3.9/63, mbtmp4.0/17, MS3.2/5, Ms1.3/2.5, ms1mx2.7/48, Error ellipse: s-maj=33.2km s-min=15.1km az=175.0

NEIC 19:01:37:54.3:1.1, 41N:176:18W, h27km, mb4.7/21, After A1C

MOS 19:01:37:54.8:1.4, 51:49N:176:38W, h33km, mb4.4/16, Error ellipse: s-maj=13.2km s-min=10.7km az=92.8

ISCJB 19:01:37:55.8:0.3, 51:26N:176:27W, h0.0/4, h47km, mb4.3/35, MS3.3/4, Error ellipse: s-maj=6.5km s-min=3.7km az=175.2

BUI 19:01:37:55.4:1.1, 82N:176:62W, h31km, mb4.7/29, mb5.0/16, Ms4.7/7, Ms7.4/6

ISC 19:01:37:57.0:0.5, 51:26N:176:22W, h0.0/4, h47km, n133, r137/134, mb4.3/35, MS3.3/4, 3C-2D, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagadak, etc.

PETK Seymchan comp=Z, 3.0nm, 0.3s

PETK Petropavlovsk comp=Z, 1.6nm, 0.3s, baz=101, slow=16, SNR=26

PETK PETK comp=Z, 6.9nm, 21.4s, baz=95, slow=35

PETK PETK comp=Z, 2.0nm, 0.3s

BILL Biilbino comp=Z, 6.9nm, 21.4s

BILL Biilbino comp=Z, 2.5nm, 2.1s

COLA College comp=Z, 5.9nm, 2.0s

COLA College comp=Z, 1.3nm, 2.0s

IL1 Eielson Array 20.34 37 P

ILAR Eielson Array comp=Z, 1.2nm, 0.5s, baz=240, slow=9.7, SNR=15

ILAR Eielson Array 20.34 37 P

SEY Seymchan comp=Z, 1.0nm, 0.5s

SEY Seymchan comp=Z, 1.9nm, 0.5s, baz=31, slow=20, SNR=6.7

EGAK Eagle comp=Z, 4.0nm, 0.7s

DAWY Dawson comp=Z, 5.2nm, 2.2s

INK Inuvik comp=Z, 1.4nm, 0.4s, baz=170, slow=4.3, SNR=12

INK Inuvik 26.64 34 P

KLR Kuf'dur 32.76 287 LR

YKA Yellowknife Arr 34.17 209 T

H11S2 WAKE ISLAND Hy 35.39 209 T

H11S3 WAKE ISLAND Hy 35.39 209 T

NEW Newwport 37.40 71 eP

NEW Newwport comp=Z, 3.0nm, 0.6s

EDM Edmonton comp=Z, 2.8nm, 0.6s

EDM Edmonton comp=Z, 6.8nm, 1.3s

CN2 Changchun 39.16 283 eP

WVOR Wild Horse Val 39.44 80 eP

WVOR Wild Horse Val comp=Z, 2.0nm, 0.8s

HIA Hailar 39.83 293 eP

HIA Hailar comp=Z, 1.0nm, 0.5s

KSRS Korea Array 41.26 273 P

KSRS Korea Array comp=Z, 1.9nm, 0.8s, baz=50, slow=7.3, SNR=5.1

KSRS Korea Array 41.26 273 P

KSAR Wonju Array Be 41.29 273 P

KSAR Wonju Array Be 41.29 273 P

HLID Hailey 41.41 76 eP

BOZ Bozeman (W) 41.97 71 eP

BOZ Bozeman (W) comp=Z, 1.7nm, 1.8s

WCHM Chimney Peak 43.68 87 eP

DUG Dugway 44.31 79 eP

DUG Dugway comp=Z, 2.0nm, 0.9s

DUG Dugway comp=Z, 1.4nm, 0.7s

BW06 Boulder Array 44.80 74 P

PDAR Pinedale Array 44.80 74 P

NLU North Lily Mtn 44.91 78 eP

TMUT Trail Mountain 45.84 79 eP

P17A Butcher Ranch, 46.02 78 eP

BJI Beijing 46.98 284 P

ULN Ulanbatar 47.76 298 eP

ULN Ulanbatar comp=Z, 5.0nm, 2.1s

ULN Ulanbatar comp=Z, 1.4nm, 0.7s

PV05 Paradox Valley 47.89 79 eP

WUAZ Wupatki 48.10 83 eP

SOMG Songo Array 48.14 298 P

SOMG Songo Array comp=Z, 1.1nm, 0.8s, baz=108, slow=37

SOMG Songo Array 48.14 298 P

SOMG Songo Array comp=Z, 1.0nm, 0.8s

HHC Hu-ho-hao-te 49.27 288 eP

HHC Hu-ho-hao-te comp=Z, 5.1nm, 18.1s

HHC Hu-ho-hao-te 49.27 288 eP

HHC Hu-ho-hao-te comp=Z, 1.0nm, 1.0s

HHC Hu-ho-hao-te comp=Z, 9.9nm, 5.4s

HHC Hu-ho-hao-te comp=Z, 8.9nm, 13.5s

HHC Hu-ho-hao-te comp=Z, 14.0nm, 13.1s

SDCO Sand Dun 50.31 77 eP

NJ2 Nanjing comp=Z, 0.6nm, 0.6s

NJ2 Nanjing 50.43 274 eP

XAN Xi'an comp=Z, 1.9nm, 0.5s

HFS Hagfors comp=Z, 7.0nm, 0.6s

HFS Hagfors comp=Z, 8.1nm, 1.1s, baz=31, slow=3.5, SNR=6.7

HFS Hagfors 68.67 355 P

AKTO Aktyubinsk comp=Z, 8.0nm, 1.1s

AKTO Aktyubinsk comp=Z, 1.4nm, 0.8s, baz=50, slow=6.3, SNR=5.5

AKTO Aktyubinsk 68.70 326 P

LSA Lhasa comp=Z, 7.0nm, 0.6s

LSA Lhasa 69.00 291 eP

KSH Kashi 69.85 308 P

KSH Kashi comp=Z, 2.4nm, 1.0s

KSH Kashi comp=Z, 1.70nm, 4.4s

KSH Kashi comp=Z, 1.90nm, 5.0s

KSH Kashi comp=Z, 2.0nm, 6.4s

GUN Gumba comp=Z, 1.0nm, 0.4s

RAMM Ramite comp=Z, 3.0nm, 0.7s

KKN Kakani 73.83 294 eP

PKI Pulchoki 73.83 294 eP

PKIN Koldanda 73.83 294 eP

KBL Kabul 77.17 310 eP

KBL Kabul comp=Z, 8.0nm, 0.8s

KBL Kabul comp=Z, 7.9nm, 0.8s

KOLS Kolonicke sedl 78.94 348 eP

KOLS Kolonicke sedl 78.94 348 eP

GEYT Geyt 79.25 319 P

GEYT Geyt comp=Z, 2.9nm, 0.8s, baz=15, slow=6.3, SNR=5.3

GEYT Geyt comp=Z, 2.7nm, 21.6s, baz=340, slow=37

GERES Geres Array B 79.91 353 LR

BRTR Keskin Array B 85.70 337 P

BRTR Keskin Array B 85.70 337 P

BRTR Keskin Array B 85.70 337 P

TORD Torodi Arr 85.84 2 PKP

DBIC Dimboko 121.82 10 PKP

DBIC Dimboko 121.82 10 PKP

DBIC Dimboko 121.82 10 PKP

BOSA Boshof 152.22 316 PKP

BOSA Boshof 152.22 316 PKP

BOSA Boshof 152.22 316 PKP

BOSA Boshof 152.22 316 PKP

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BOSA Boshof 152.22 316 PKP

BOSA Boshof 152.22 316 PKP

IDC 19:01:43:40:8:1.9, 18:10S+167:29E, h0km, mb3.8/4, mb1.4/15, mb1mx3.7/36, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=43.5km s-min=29.0km az=118.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

NSSP 19:01:43:56.9, 38:40N:43:63E, h5km, Ms3.2

DDA 19:01:44:00.0, 38:51N:43:88E, h5km, MD3.0

ISK 19:01:44:00.6, 38:60N:43:79E, h5km, MD3.3

CSEM 19:01:44:02.4, 38:58N:43:74E, h5km, MD3.3, Error ellipse: s-maj=9.3km s-min=6.2km az=93.0

AZER 19:01:44:02.0, 91.0, 38:18N:44:40E, h2km, Error ellipse: s-maj=21.9km s-min=9.3km az=285.0

ISCJB 19:01:44:02.7, 0.8, 38:57N:0.03:43.76E:0.0/4, h4km, 7km, Error ellipse: s-maj=5.8km s-min=4.7km az=178.3

ISC 19:01:44:02.0:1.1, 38:56N:0.02:43.82E:0.02, h8km, 9km, n51, r131/71, 6C-4D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVAN Van, VANB Van, VANB Van, VANB Van, GEVA Gevas, GEVA Gevas, GEVA Gevas, HKR Hakkari, HKR Hakkari, HKR Hakkari, DYDN Diyadin, DYDN Diyadin, DYDN Diyadin, TUTA Tutak, TUTA Tutak, AGRB Hanur-Agry, AGRB Hanur-Agry, AGRB Hanur-Agry, TATV Tatvan, TATV Tatvan, TATV Tatvan, CUKT Cukurca, CUKT Cukurca, NAX Nakhchivan, ARRZ Ararat, EKAR Karacoban, EKAR Karacoban, SIRR S'rrnak, SIRR S'rrnak, GNI Garni, GNI Garni.

Table with columns: BTMT, Batman, 1.87 259 ePN, P, 01 44 35.6 -0.9, etc.

NIED 19 01:55:00,31.30N,141.19E, h5km, Mw4.0 Best double couple: Mb1.19000... 1.125,00000... 1.125,00000...

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

ISK 19 02:07:39.4, 38.14N, 37.38E, h8km, MD2.7 ISCJB 19 02:07:41.3, 0.6, 38.16N, 0.02:37.44E:0.03, h1km, 6km, Error ellipse: s-maj=4.9km s-min=3.5km az=31.8

DDA 19 02:07:41.1, 38.15N, 37.43E, h7km, MD2.8 Error ellipse: s-maj=5.1km s-min=3.7km az=31.8

CSEM 19 02:07:41.1, 0.3, 38.23N, 37.41E, h10km, MD2.8, Error ellipse: s-maj=5.1km s-min=3.7km az=31.8

ISC 19 02:07:41.1, 1.1, 38.17N, 0.02:37.40E:0.03, h8km, 9km, n23, c093/42, Turkey

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

DJA 19 02:21:28.8, 0.7, 8.56x11.9E, h177km, 7km, M3.4/4, MLV3.4/4

ISCJB 19 02:21:29.9, 0.5, 8.42S:0.07x11.87E:0.04, h152km, mb3.4/5, Error ellipse: s-maj=10.6km s-min=4.9km az=17.4

AUST 19 02:21:29.7, 0.0, 8.61S:118.64E, h149km, Error ellipse: s-maj=1.9km s-min=0.7km az=15.0

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

Table with columns: TWSI, Waingapu, 2.04 130 S, Sn, 02 22 30.4 +2.8, etc.

ISC 19 02:31:03.8, 0.3, 9.52x12.0E, h16km, 4km, M4.9/5, MLV4.9/5

ISCJB 19 02:31:04.3, 0.3, 9.06S:0.02:120.38E:0.02, h49km, 5km, mb3.9/5, MS3.0/5, Error ellipse: s-maj=4.1km s-min=3.8km az=21.4

NEIC 19 02:31:04.8, 0.8, 9.22S:120.44E, h46km, 10km, mb4.1/3, Error ellipse: s-maj=11.3km s-min=7.0km az=45.0

NEIC Felt III at Waingapu. AUST 19 02:31:04.8, 0.0, 9.06S:120.37E, h59km, Error ellipse: s-maj=1.0km s-min=0.7km az=12.0

BUI 19 02:31:10.6, 8.45S:120.65E, h44km, mb4.6/9, mb4.6/1, Ms4.4/3, Ms7.4/3

ISC 19 02:31:04.7, 1.6, 9.09S:0.03:120.41E:0.04, h30km, 12km, n70, c1563/72, mb4.0/5, MS3.1/5, Sumba region

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

ISCJB 19 02:44:41.0, 2.5, 33.41S:0.06:72.4W:0.1, h17km, 17km, mb3.7/4, MS2.9/2, Error ellipse: s-maj=17.1km s-min=7.7km az=29.1

GUC 19 02:44:41.0, 0.6, 33.44S:72.38W, h28km, 9km, ML3.7

ISC 19 02:44:45.0, 1.1, 33.39S:72.19W, h26km, 6km, mb3.6/5, mb1.3/7, mb1mx3.6/26, mb1mx3.8/7, ML4.0/2, MS3.1/4, Ms1.3/1.4, ms1mx2.8/24, Error ellipse: s-maj=34.0km s-min=21.5km az=106.0

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

Table with columns: MEEK, Meekatharra, 17.54 185 P, P, 02 35 08.3 +0.3, etc.

Table with columns: WRKA, Warakura, 17.55 156 P, P, 02 35 08.6 +0.4, etc.

Table with columns: ASAR, Alice Springs, 19.41 140 P, Pn, 02 35 29.9 0.0, etc.

Table with columns: ASAR, Alice Springs, 19.41 140 eP, P, 02 35 30.1 -0.2, etc.

Table with columns: MORW, Morawa, 20.30 191 P, Pn, 02 35 48.8 +8.5, etc.

Table with columns: BKNI, Bangkinang, 21.43 295 P, P, 02 35 59.0 +8.3, etc.

Table with columns: QOEN, Coen, 21.75 124 P, P, 02 35 54.5 +0.4, etc.

Table with columns: COEN, Coen, 22.82 104 eP, P, 02 36 04.2 -1.4, etc.

Table with columns: MTSU, Mount Surprise, 24.89 114 P, P, 02 36 26.9 +1.7, etc.

Table with columns: PMG, Port Moresby, 26.41 93 LR, LR, 02 39 22.5, etc.

Table with columns: STKA, Stokes Creek, 30.02 142 P, P, 02 37 12.3 +1.3, etc.

Table with columns: STKA, Stokes Creek, 30.02 142 LR, LR, 02 39 35.8, etc.

Table with columns: CMAR, Chiang Mai, 34.61 322 LR, LR, 02 54 31.7, etc.

Table with columns: HNR, Honiara, 39.01 94 LR, LR, 02 56 36.4, etc.

Table with columns: PATS, Pohnpei, 40.96 291 eP, P, 02 38 36.2 -8.9, etc.

Table with columns: PALK, Palkelele, 42.77 69 P, P, 02 38 58.7 -1.4, etc.

Table with columns: CD2, Chengdu, 42.86 339 eP, P, 02 39 00.5 +0.1, etc.

Table with columns: KRSR, Koroa, 46.83 8 LR, LR, 03 02 19.3, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 39 38.5 +0.6, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 39 57.0 +6.6, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 41 29.8 +0.1, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 41 29.8 +0.1, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 41 29.8 +0.1, etc.

Table with columns: LZH, Lanzhou, 47.56 342 eP, P, 02 41 29.8 +0.1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NKME Niksic, TREB Trebinje, CEME Cevo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 19 04:34:07.7, 2.9, 638S, 148.13E, h224km, 32km, mb2.8/2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DLBC comp=Z,0.5nm,0.3s,baz=264,slow=13,SNR=13, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISJCJB 19 04:25:11.9, 1.1, 52.7N, 0.2, 35.1W, 0.2, h14km, mb3.7/9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRPK Brown Peak, ISLZ Isanotski Laza, WESS West Dahl East, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HAWA Hanford, D08A Wollman Farm, I05D Terreboune, etc.

19d 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KEST Kesra, HYB Hyderabad, ASAR Alice Springs, etc.

2010 DEC

Main table listing stations and their coordinates. Columns include Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like U38A Gravette, Y37A Hugo, S36A Luke Cedric, etc.

828

Continuation of the station list table from the previous block, including stations like 332A Millersvory, N35A Tabor, Q28A Sharon Springs, etc.

ISCJB 19 05:05:28.0±0.5, 35.85N±0.01, 96.80W±0.01, h10km, 3km, Error ellipse: s-maj=1.9km s-min=1.7km az=19.5, etc.

ISC 19 05:05:28.3±1.0, 35.84N±0.02, 96.79W±0.02, h3km, 8km, n224, c15/10/264, Oklahoma

Table listing station codes and names, such as V35A Meyer Ranch, U35A Pawnee, V34A Guthrie, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISCO, J29A, BNM, ENM, MNTX, etc.

ISCJB 19 05:27:01.1, 1.1, 1.0, 41'N, 0.05, 126.39E: 0.08, h59km, 11km, mb3.9/15, MS3.4/4, Error ellipse: s-maj=13.9km s-min=7.2km az=153.2

MAN 19 05:27:01, 10.46N, 126.40E, h33km, mb4.9, ML3.8, MS3.9

ISC 19 05:27:08.0, 1.2, 1.0, 41'N, 0.07, 126.41E: 0.10, h43km, 19km, n32, c1542/31, mb3.8/15, MS3.4/4, 2C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCPH, MSLP, PLP, BUTP, etc.

ISK 19 05:32:15.9, 38.55N, 43.77E, h12km, ML2.3

CSEM 19 05:32:16.5, 0.5, 38.56N, 43.79E, h2km, M2D.6, Error ellipse: s-maj=19.2km s-min=8.2km az=91.0

DDA 19 05:32:19.4, 38.55N, 43.57E, h7km, M2D.6

ISC 19 05:32:16.7, 1.3, 38.57N, 0.04, 43.78E: 0.04, h9km, 11km, n16, c1542/25, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TVAN, VANB, VANV, etc.

NEIC 19 05:38:05.1, 2.0, 55.90S, 27.22W, h9km, 18km, mb4.2/1, Error ellipse: s-maj=19.6km s-min=11.3km az=64.0

ISCJB 19 05:38:06.2, 0.7, 55.92S, 0.09, 27.5W: 0.2, h112km, mb4.3/6, Error ellipse: s-maj=17.5km s-min=10.8km az=146.4

IDC 19 05:38:08.7, 6.8, 55.93S, 27.35W, h116km, 61km, mb4.1/6, mb1 4.1/7, mb1mx3.7/22, mbtpm4.5/7, Error ellipse: s-maj=25.3km s-min=18.4km az=67.0

ISC 19 05:38:07.9, 0.6, 55.95S, 0.1, 27.78W: 0.10, h112km, n26, c1571/27, mb4.4/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HOPE, HOPE, VNA1, etc.

NNC 19 05:43:12.3, 2.3, 3.5, 36.73N, 70.95E, h127km, 68km, mb2.9, mpv3.6, 4C-4D, Error ellipse: s-maj=34.3km s-min=26.5km az=69.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNAS, MNAS, KK31, etc.

GUC 19 05:43:29.2, 0.5, 35.75S, 72.90W, h7km, 14km, ML3.6, 1C-2D, Near coast of central Chile

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

AUST 19 05:44:50.5, 3.0, 6.78S, 103.99E, h17km, Error ellipse: s-maj=1.7km s-min=1.1km az=237.0

ISCJB 19 05:44:52.4, 0.7, 6.42S, 0.06, 104.42E: 0.05, h64km, 7km, mb4.0/1, Error ellipse: s-maj=12.3km s-min=4.0km az=41.2

DJA 19 05:44:52.8, 0.8, 6.54S, 10.44E, h25km, 8km, M4.6/6, ML4.6/6

IDC 19 05:45:03.3, 3.6, 5.90S, 104.88E, h133km, 29km, mb3.7/11, mb1 3.9/12, mb1mx3.5/47, mbtpm4.1/12, MS3.0/3, mb1 2.9/3, ms1mx2.6/48, Error ellipse: s-maj=55.9km s-min=1.9km az=53.0

ISC 19 05:44:53.5, 1.3, 6.38S, 0.07, 104.45E: 0.07, h50km, 12km, n53, c1540/50, mb3.9/11, Sunda Strait

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

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

ISCJB 19 06:03:50.7, 1.3, 10.51N, 0.06, 126.57E: 0.07, h40km, 12km, mb3.8/10, MS3.0/2, Error ellipse: s-maj=13.9km s-min=7.1km az=147.0

MAN 19 06:03:50, 10.45N, 126.53E, h19km, mb4.9, ML3.8, MS3.9

IDC 19 06:04:07.3, 2.6, 10.28N, 126.18E, h177km, 25km, mb3.2/9, mb1 3.4/10, mb1mx3.2/61, mbtpm3.8/10, MS3.1/3, mb1 3.1/3, ms1mx2.7/28, Error ellipse: s-maj=38.5km s-min=15.9km az=62.0

ISC 19 06:03:50.2, 1.0, 10.44N, 0.07, 126.45E: 0.1, h46km, 20km, n30, c1567/28, mb3.8/10, 1C-5D, Philippine Islands region

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

D3P 19 06:03:50, 1.3, 5.29N, 103.99E, h17km, Error ellipse: s-maj=1.7km s-min=1.1km az=237.0

ISCJB 19 06:03:50, 1.3, 5.29N, 103.99E, h17km, Error ellipse: s-maj=1.7km s-min=1.1km az=237.0

DJA 19 06:03:50, 1.3, 5.29N, 103.99E, h17km, Error ellipse: s-maj=1.7km s-min=1.1km az=237.0

ISC 19 06:03:50, 1.3, 5.29N, 103.99E, h17km, Error ellipse: s-maj=1.7km s-min=1.1km az=237.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1S1, H1S1, H1S1, etc.

ISCJB 19 06:07:05.5, 1.3, 10.44N, 0.06, 126.58E: 0.08, h39km, 12km, mb3.8/9, MS3.0/2, Error ellipse: s-maj=13.9km s-min=7.1km az=149.7

MAN 19 06:07:05, 10.49N, 126.57E, h32km, mb4.8, ML3.7, MS3.7

IDC 19 06:07:21, 11.2, 10.15N, 126.19E, h167km, 27km, mb3.4/9, mb1 3.5/10, mb1mx3.3/61, mbtpm3.9/10, MS3.1/2, mb1 3.2/2, ms1mx2.6/29, Error ellipse: s-maj=42.6km s-min=15.9km az=61.0

ISC 19 06:07:07.2, 0.8, 10.42N, 0.08, 126.5E: 0.1, h35km, 10km, n28, c1517/27, mb3.9/9, 3C-3D, Philippine Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSLP Maasin, PLP Palo, BLP Butuan, etc.

ISCJB 19 06:08:46.9.0.3, 41.97N:0.01:2.77E:0.02, h11km, 1km, Error ellipse: s-maj=2.5km s-min=1.6km az=142.1

NEIC 19 06:08:49.0.1, 41.83N:2.84E, h0km, ML4.1(LD), M4.0(MDD), After MDD

NEIC Felt (V) at San Felix de Guixols, STR 19 06:08:55.1.0.2, 42.19N:2.57E, h10km, M4.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 19 06:08:47.3.0.4, 41.88N:0.01:2.85E:0.01, h9km, 2km, n426, r156/644, 6C-10D, Spain

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CCAS Cassa de la Se, CFON Fontmartina, CPAL Palau Saverder, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EMIR 728nm, 0.3s, SNR=28, EMIR Miracle, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESAC San Caprasio, REYF 6.7nm, 0.2s, SNR=5.3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like La Foliniere, Quistinic, Saint Gilles, Moncorvo, Black Forest, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CALA, CALA, HORTA, PCAN, PICO, ROSAIS, KBL, CEP, CHIR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KUDL, JASL, SONA, IAKL, IEMG, GEYT, ISFR, OTUK, etc.

19d 7h

comp=Z,1.1nm,0.9s,baz=22,slow=3.7,SNR=4.3
LPZA La Paz 138.56 288 PKIKP PKPdf 07 42 00.5 -0.3
LPZA Paso Flores 149.81 250 PKPbc PKPbc 07 42 23.3 -0.6

ISCJB 19 07:25:14.0:1.2,18.6S:0.3:177.7W:0.2,h600km,mb3.8/8,
Error ellipse: s-maj=46.9km s-min=13.5km az=152.6
IDC 19 07:25:14.6:2.0,18.69S:0.3:177.7W:h59km,mb3.8/8,
mb1 3.4/10,mb1mx3.1/43,mbtmp4.2/10,Error ellipse:

s-maj=42.0km s-min=16.3km az=148.0
ISC 19 07:25:14.8:1.1,18.69S:0.3:177.7W:0.2,h600km,n10,
-0.85/11,mb4.2/8,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AF1 Afiamalu, Mont Dzumac, CZM Charters Tower, PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Air Springs, ASAR 0.6nm,0.8s,baz=112,slow=4.0,SNR=3.7, MJAR Matsushiro Arr, TXAR Lajitas Array, ILAR Eielson Array.

DJA 19 07:28:00.4:0.3,3N:3.98E, h10km, M3.6/4, MLV3.6/4, Northern Sumatera
Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TBI Tuntangan, KCSI Kotacane, KCSI TPTI, TPTI TPTI, GSI Gunungsitoli, GSI MNSI, MNSI MNSI, MNSI MLI, MLI LMSI, LMSI LHMI, LHMI BKNI, BKNI PPI, PPI SDDI, SDDI.

PGC 19 07:33:58.8:0.1,50.62N:130.35W, h10km, ML2.9/7,
Mw3.5/7, 207km west of Pt. Hardy, Bc Vancouver
Island Region, Vancouver Island region
Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOLB Holberg, PHC Port Hardy, MAYB Maynard, BBB Bella Bella, BNB Barry Inlet, TLCB Telegraph Cove, WOSB Woss, NCRB Newcastle Ridg.

CASC 19 07:34:46.0:1.6,8.90N:82.88W, h17km, 7.7km, MD3.8, 1C,
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 CTRC Cotoan, TBS2 0.24 116 i/P, TBS2 Buena Vista, BUS Cerro Gallo 2, CGA2.

NNC 19 07:39:36.0:0.4,50.010N:78.94E, h0km, mb3.4, mpv3.0,
Error ellipse: s-maj=7.6km s-min=1.9km az=70.0
IDC 19 07:39:37.9:0.9,50.071N:78.80E,h0km,mb1 2.7/3,
mb1mx2.7/54,mbtmp2.7/3,ML2.5/3,Error ellipse:

s-maj=15.6km s-min=6.7km az=60.0
ISC 19 07:39:38.1:1.7,50.010N:0.08:78.65E:0.09,h11km,16km,
n21,1:54/26,15C-11D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, KUR15 Kurchatov Arra, KUR16 Kurchatov Arra, KUR17 Kurchatov Arra, KUR05 Kurchatov Arra, KUR04 Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, MK08 Makanchi Array, OTUK Ortayu, OTUK ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV VOSK, BVAR Borovoye Array, BVAR ZRNK, PDGK Podgorneye.

2012 DEC

TKM2 Tokmak 2 7.40 198 fLg Lg 07 43 29.0
AAK Ala-Archa 1.6nm,0.7s 7.92 203 Lg Lg 07 43 52.0

MEX 19 07:41:24.6:0.7,17.07N:92.12W, h15km, 16km, MD4.2, Chiapas
Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CCIG Comitán, PCIG Sabancuy, CMIG Matias Romero.

NEIC 19 07:43:53.0:0.5,15:07S:71:73W, h108km, 6km, mb4.5/12,
Error ellipse: s-maj=8.5km s-min=5.6km az=53.0
ISCJB 19 07:43:53.0:0.2,15:27S:0.0:71:89W:0.06,h133km,
mb4.2/25,Error ellipse: s-maj=9.3km s-min=3.1km
az=149.8
IDC 19 07:43:56.5:1.8,15:05S:71:71W, h140km, 16km, mb3.8/10,
mb1 4.0/15,mb1mx3.8/40,mbtmp4.3/15,MS2.7/2,
Ms1 2.8/2,ms1mx2.5/27,Error ellipse: s-maj=22.8km
s-min=13.1km az=35.0

GUC 19 07:44:18.0:1.7,32S:71:72W, h20km
ISC 19 07:43:54.8:0.5,15:31S:0.06:71:89W:0.08,h133km,
n412,-0.90/415,mb4.4/25,2D,Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARE Arequipa, LPZA La Paz, LPZA 3.0nm,0.3s,baz=197,slow=20,SNR=5.7, LPZA comp=Z,147nm,19.5s,baz=7.5,slow=4.1, MNMC Minimi, MNMC PB11, PB11 IPOC Station P, HMBC Humberstone, HMBC NNA, NNA NNA, NNA PB01, PB01 IPOC Station P, PB07 IPOC Station P, PB07 Limon Verde, LVC 226nm,0.3s,baz=64,slow=21,SNR=19.5, LVC Limon Verde, ATAH Athermalpa, ATAH 0.7nm,0.3s,baz=156,slow=20,SNR=4.7, ATAH 0.5nm,0.3s,baz=122,slow=19,SNR=4.1, SIV San Ignacio, SIV Samuel, SAML SAML, LCP Los Campanas, LCP Villa Florida, PTGA Pitinga, PTGA Pitinga, PTGA Pitinga, BDFB Brasilia, BDFB Santo Domingo, SDV Torquisto, PLCA Paso Flores, 035Z Hargill, 035A Encino, 034A Hebbroville, 738A Farr-Stevens R, 737A Port Lavaca, 934A Benavides, 939A Cross D Ranch, 736A Circle Diamond, 637A Lake Lake, 440A Kirbyville, VBMS Vicksburg, 735A Kennedy, 636A Smothers Creek, 833A Chaparral WMA, 537A Green Hill Far, 537A La Parita Cree, KMSC Kings Mountain, 635A Leesville, 340A Bronson, 438A Sam Houston St, 733A Divot King Ran, 339A Huntington, 634A China Grove, S, 535A Dale, 732A Larson Ranch, 738A Crockett, 633A Saffoth Ranch, 337A Centerville, 239A Gary, 534A Blanco, 238A Jacksonville, 632A Uvalde, 435B Jarrell, 336A Riesel, 237A Washetta, Mont, 139A Bunkhouse Ranc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 631A Perdido Creek, 434A Burnet, 335A Moody, 138A Matatal Enter, 532A Rocksprings, 236A Katherine and, 433A Art, 239A Irene McRaven, 137A Heron Place, G, 334A Lometa, JCT Junction City, 531A Rocksprings, WHIT Lake Whitney, 136A Ennis, 238A Mt. Pleasant, 333A Richland Sprin, 432A Menard, 230A Clairette, 234A J-C Ranch, Com, 431A Sonora, 135A Victory Place, 332A Millersview, 134A Idabel, 236A Blue Ridge, MIAR Mount Ida, MIAR Mount Ida, 233A Rising Star, 133A White-Moore Ra, 331A San Angelo, 232A Coteman, TXAR Lajitas Array, TX31 Lajitas Ar. Si, Y37A, Z35A Perchaven, San, Y36A Durant, 133A Hamilton Ranch, X38A Whitesboro, 330A Merton, 231A Bronte, Z34A Collier Ranch, X37A Clayton, Y35A Marietta, W38A Poteau, ABTX Abene, Hawle, 230A Sterling City, Z33A Whitaker Ranch, X36A Centrahoma, Y34A Reagan Ranch, X35A Drake, 131A Roby, Z32A Haskell, 130A Snyder, Y38A Canelli, Y38A Southern Illin, W36A Wetumka, Y33A Hilltop Ranch, Z31A Sharp Cattle R, X34A Smith Ranch, M, V37A Hulbert, W35A Tecumseh, Y32A R-V Farms, Ver, X33A Lawton, U38A Gravette, V36A Jenks, TUL1 Tulsa, Z30A Sanderson Ranch, U37A Salina, W34A Bridge Creek, Y31A Stekieta Farm, V35A Meyer Ranch, C, U36A Oelohag, W33A Caddo, Fort Co, Y30A Stafford Catt, V34A Guthrie, X31A McDonald Ranch, W32A Sentinel, T37A Cheneyville 18, U35A Pawnee, R40A Maddies Statio, X30A Coker Ranch, T, V33A Lossen Ranch, MNX Cornudas Mount, MNX Cornudas Mount, T36A Boggs Farm, Ca, U34A Anderson Ranch.

baz=57 T35A Sooner Cattle	56.90 337	P	P	07 53 26.7	+0.8	214A Organ Pipe Nat	61.21 321	P	P	07 53 56.6	+0.8	baz=65 BBRC Big Bear Solar	65.31 320	P	P	07 54 23.3	+0.2
baz=57 R39A Chummy, Stover	56.91 340	P	P	07 53 26.6	+0.6	N31A Bailey Ranch,	61.23 337	P	P	07 53 56.9	+1.1	baz=65 HEC Hector,Ludlow	65.32 321	P	P	07 54 23.3	+0.4
baz=57 S37A Fort Scott	57.02 338	P	P	07 53 26.8	0.0	K36A Gilmore City	61.28 341	P	P	07 53 56.9	+0.8	baz=65 H28A Mission Ridge	65.32 338	P	P	07 54 23.2	+0.5
baz=57 R38A Fenwick Farm,	57.09 339	P	P	07 53 27.7	+0.5	P28A Saint Francis	61.30 334	P	P	07 53 57.1	+0.8	baz=65 J25A Sunshine Ranch	65.32 335	P	P	07 54 23.5	+0.7
baz=57 U33A Lingo Farm, Me	57.12 335	P	P	07 53 28.4	+0.9	L34A Svendsen Farm,	61.31 339	P	P	07 53 57.1	+0.8	baz=65 EYMM Ely	65.36 346	P	P	07 54 23.7	+0.9
baz=57 MSTX Muleshoe	57.16 329	P	P	07 53 28.3	+0.4	SDCO Great Sand Dun	61.51 330	eP	P	07 53 58.9	+0.9	baz=65 P17A Butcher Ranch,	65.45 328	eP	P	07 54 24.1	+0.4
baz=57 Q40A Laux Farm, Aux	57.23 341	P	P	07 53 29.1	+0.7	SDCO Great Sand Dun	61.51 330	eP	P	07 53 58.4	+0.4	5.2mm,0.9s G28A Parade	65.63 338	P	P	07 54 25.8	+1.2
baz=57 T34A McClaskey Farm	57.26 336	P	P	07 53 29.1	+0.6	K35A Storm Lake	61.61 341	P	P	07 53 59.5	+1.2	baz=66 E32A Braaten, Kindr	65.66 341	P	P	07 54 26.2	+1.5
baz=57 S36A Lake Cedric, C	57.27 338	P	P	07 53 29.1	+0.6	J37A Redenius Farm,	61.62 342	P	P	07 53 59.2	+0.9	baz=66 H27A Howes	65.68 337	P	P	07 54 26.3	+1.3
baz=57 V31A Spring Creek L	57.29 333	P	P	07 53 29.1	+0.4	N30A Hueftle Ranch,	61.66 336	P	P	07 53 59.6	+1.0	baz=66 D33A AnnSam, Waubun	65.78 342	P	P	07 54 26.5	+1.0
baz=57 AMTX Amarillo	57.38 331	P	P	07 53 30.2	+0.7	W18A Petrified Fore	61.68 325	P	P	07 53 59.7	+0.6	baz=66 F29A Eureka	65.90 339	P	P	07 54 27.4	+1.1
baz=58 U32A Winter Ranch,	57.44 334	P	P	07 53 30.6	+0.8	M31A Lambrecht Ranc	61.69 337	P	P	07 53 60.0	+1.1	H26A Fairpoint	65.94 336	P	P	07 54 27.5	+0.9
baz=58 S35A Otter Creek Ra	57.50 337	P	P	07 53 30.4	+0.2	K34A Le Mars	61.86 340	P	P	07 54 01.0	+1.1	baz=66 D32A Dogwood Acres,	66.13 342	P	P	07 54 28.7	+1.0
baz=58 R37A Teagarden Farm	57.52 339	P	P	07 53 31.3	+1.0	J36A Seneca 1, Swea	61.88 342	P	P	07 54 00.8	+0.8	E30A Jud	66.17 340	P	P	07 54 29.3	+1.3
baz=58 Q39A Willow Grove F	57.56 341	P	P	07 53 31.7	+1.3	N29A Votaw Ranch, W	61.88 336	P	P	07 54 00.8	+0.7	baz=66 DECC Green Verdugo	66.19 319	P	P	07 54 29.2	+0.8
baz=58 V30A Spur Ranch, Mi	57.65 332	P	P	07 53 32.4	+1.1	L32A Elgin	61.91 338	P	P	07 54 01.2	+0.9	baz=66 F28A McLaughlin	66.25 338	P	P	07 54 29.2	+0.6
baz=58 Q38A Cooks Store, C	57.69 340	P	P	07 53 32.0	+0.6	I38A Scanlan Farm,	61.95 343	P	P	07 54 01.6	+1.2	baz=66 G27A Dupree	66.26 337	P	P	07 54 29.5	+0.8
baz=58 R36A Gordon, Harris	57.77 338	P	P	07 53 32.4	+0.4	N28A Pribbeno Ranch	62.14 335	P	P	07 54 02.8	+0.9	baz=66 H25A Fruitale	66.26 336	P	P	07 54 29.3	+0.6
baz=58 U31A Nine Bar Ranch	57.79 333	P	P	07 53 32.8	+0.5	S22A IUR Ranch, Cre	62.16 329	P	P	07 54 03.3	+0.9	baz=66 B35A Bob, Littlefor	66.31 344	P	P	07 54 29.3	+0.5
baz=58 S34A Willow Spring	57.82 336	P	P	07 53 32.9	+0.6	I37A Lemond, Waseca	62.22 343	P	P	07 54 03.3	+1.0	SNCC San Nicolas Is	66.32 317	P	P	07 54 29.9	+0.7
baz=58 HDIL Hopedale	57.89 344	P	P	07 53 33.4	+0.7	Q24A Divide	62.31 331	P	P	07 54 03.8	+0.4	EDW2 Edward Air Fo	66.38 320	P	P	07 54 30.4	+0.7
baz=58 P39A Salisbury	57.89 341	P	P	07 53 33.3	+0.5	L31A Butterfield Fa	62.36 338	P	P	07 54 04.6	+1.3	baz=66 G26A Maurine	66.44 337	P	P	07 54 30.8	+1.0
baz=58 Q37A Longview Farm,	57.89 339	P	P	07 53 33.6	+0.7	M29A Burnside Ranch	62.44 336	P	P	07 54 04.8	+0.9	E29A Napoleon	66.47 339	P	P	07 54 30.5	+0.5
baz=58 R35A Emporia Municipi	58.02 338	P	P	07 53 34.4	+0.6	K32A Verdigre	62.48 339	P	P	07 54 05.0	+1.0	BLG Laguna Peak	66.56 318	P	P	07 54 31.5	+0.7
baz=58 S33A Kaszmaul Farm,	58.07 336	P	P	07 53 34.9	+0.8	L30A Spencer Herefo	62.50 337	P	P	07 54 05.2	+1.0	OSI Osito Adit	66.67 319	P	P	07 54 32.1	+0.6
baz=58 P38A Dawn	58.26 340	P	P	07 53 36.1	+0.7	MVCO Mesa Verde	62.59 328	P	P	07 54 05.8	+0.6	baz=67 G25A Newell	66.67 336	P	P	07 54 32.4	+1.1
baz=58 Q36A Arnold C. Orve	58.32 339	P	P	07 53 36.5	+0.7	M28A Bar X Bar Ranc	62.67 335	P	P	07 54 06.2	+0.7	TPNV Topopah Spring	66.70 322	P	P	07 54 32.3	+0.5
baz=58 T31A Randall Ranch,	58.34 334	P	P	07 53 37.2	+1.1	L29A Maesberg Ranch	62.88 336	P	P	07 54 07.4	+0.6	F27A Lemmon	66.71 338	P	P	07 54 32.8	+1.3
baz=58 R34A Isabella, Hill	58.39 337	P	P	07 53 37.0	+0.6	WUAZ Wupatki	62.88 324	P	P	07 54 07.9	+0.8	baz=67 B33A Robert and Kas	66.73 343	P	P	07 54 32.5	+1.0
baz=58 Q35A Mercer Eighty,	58.43 338	P	P	07 53 37.3	+0.7	H36A Jesseland, He	62.89 342	P	P	07 54 07.5	+0.8	AGMN Agassiz Nation	66.83 343	P	P	07 54 33.0	+0.8
baz=58 U29A Oasis Ranch, S	58.49 332	P	P	07 53 37.6	+0.4	J32A Parkston	63.06 339	P	P	07 54 08.5	+0.7	E28A Huff	66.84 339	P	P	07 54 33.1	+0.8
baz=58 P37A Lathrop	58.50 340	P	P	07 53 37.8	+0.7	K30A Basset	63.08 337	P	P	07 54 09.0	+0.9	BSC Santa Cruz Isl	66.86 318	P	P	07 54 33.2	+0.5
baz=58 S32A Newby Ranch, P	58.54 335	P	P	07 53 38.3	+0.9	ISCO Idaho Springs	63.19 331	P	P	07 54 09.4	+0.2	D29A Pettibone, Tap	66.89 340	P	P	07 54 33.4	+0.8
baz=58 T30A Plains	58.66 333	P	P	07 53 38.9	+0.6	GLA Glamis	63.20 320	P	P	07 54 09.6	+0.5	C31A Landman Farms,	66.93 341	P	P	07 54 34.2	+1.4
baz=58 121A Cookes Peak, D	58.68 325	P	P	07 53 39.6	+0.9	L28A Connealy Angus	63.25 336	P	P	07 54 10.1	+0.8	F26A Lodgepole	66.94 337	P	P	07 54 33.6	+0.7
baz=58 R33A Olander Ranch,	58.68 336	P	P	07 53 39.2	+0.8	H35A Sunnyside Ranc	63.27 342	P	P	07 54 10.1	+0.9	baz=67 E27A Carson	67.02 338	P	P	07 54 34.6	+1.1
baz=58 O38A Galt	58.69 341	P	P	07 53 39.0	+0.6	J31A Geddes	63.30 338	P	P	07 54 10.9	+0.5	DUG Dugway	67.06 327	P	P	07 54 34.6	+0.6
baz=58 S31A Mullinville	58.70 334	P	P	07 53 39.1	+0.5	PV01 Paradox Valley	63.33 328	eP	P	07 54 10.7	+0.6	baz=67 DUG Dugway	67.06 327	eP	P	07 54 35.0	+1.1
baz=58 P36A Good Intent, A	58.82 339	P	P	07 53 39.8	+0.6	SMCO Snowmass	63.34 330	eP	P	07 54 10.7	+0.4	4.7mm,1.0s ARVC Arvin	67.06 319	P	P	07 54 34.7	+0.8
baz=58 Q34A Chapman	58.82 337	P	P	07 53 40.0	+0.6	K29A Lazy Trails An	63.42 337	P	P	07 54 11.2	+0.9	baz=67 C30A Mose, Pekin	67.09 341	P	P	07 54 34.9	+1.1
baz=58 KSU1 Kansas State U	58.85 338	P	P	07 53 40.1	+0.6	I32A Karley and Nic	63.51 340	P	P	07 54 11.8	+1.0	ISA Isabella	67.19 320	P	P	07 54 35.6	+0.8
baz=58 O37A Wolfen Farm, M	58.95 340	P	P	07 53 40.6	+0.4	H34A Spellman Lake,	63.53 341	P	P	07 54 12.1	+1.2	SBC Santa Barbara	67.19 318	P	P	07 54 35.7	+1.0
baz=58 P35A Duane Minner,	59.02 338	P	P	07 53 41.6	+0.9	G35A Watkins	63.64 342	P	P	07 54 12.6	+0.9	baz=67 R11A Troy Canyon, C	67.27 324	P	P	07 54 35.9	+0.6
baz=58 R32A Long Quarter,	59.07 336	P	P	07 53 41.2	+0.1	SWSC Sam W. Stewart	63.73 319	P	P	07 54 13.3	+0.8	A33A Warrad	67.28 343	P	P	07 54 36.0	+1.0
baz=58 N39A Derby Farms, D	59.08 342	P	P	07 53 42.0	+0.9	K28A Ten Mile Ranch	63.78 336	P	P	07 54 13.7	+1.0	baz=67 F25A Bowman	67.30 337	P	P	07 54 36.1	+0.8
baz=58 T29A Hugoton	59.08 333	P	P	07 53 41.7	+0.5	H33A Prehn Over Nor	63.85 340	P	P	07 54 14.3	+1.2	baz=67 D28A Regan	67.33 339	P	P	07 54 36.6	+1.2
baz=58 S30A Montezuma	59.13 334	P	P	07 53 42.1	+0.6	H32A Carlson Farm,	63.92 340	P	P	07 54 14.6	+1.1	PDAR Pinedale Array	67.36 331	P	P	07 54 35.8	-0.1
baz=58 Q33A Connelly Farm,	59.22 337	P	P	07 53 42.7	+0.6	F36A Milaca	63.95 343	P	P	07 54 14.4	+0.8	0.9mm,0.7s,slow=115,slow=6.3,SNR=7.3 E26A Carlson Angus	67.38 338	P	P	07 54 37.0	+1.3
baz=58 N38A Joes South For	59.23 341	P	P	07 53 43.1	+1.0	J29A Okreek	63.98 337	P	P	07 54 15.0	+1.1	baz=68 A32A Rocking H Ranc	67.57 343	P	P	07 54 38.0	+1.2
baz=58 R31A Burdett	59.28 335	P	P	07 53 42.9	+0.4	G34A Benson	64.00 342	P	P	07 54 15.0	+1.0	MDND Maddock	67.58 340	P	P	07 54 37.8	+0.9
baz=58 P34A Walnut Farm, R	59.33 338	P	P	07 53 43.3	+0.5	I30A Decoma	64.09 338	P	P	07 54 15.6	+1.0	YES Vestal, Richgr	67.68 320	P	P	07 54 39.3	+1.5
baz=58 Y22D RISSASCAL I	59.37 326	P	P	07 53 43.6	+0.2	IRM Iron Mountain	64.15 321	P	P	07 54 15.9	+0.7	A31A Linda, St. Vin	67.79 342	P	P	07 54 39.4	+1.3
baz=60 S29A Ulysses	59.39 333	P	P	07 53 44.0	+0.6	G33A Ortivone	64.21 341	P	P	07 54 16.4	+1.0	D26A Manning	67.85 338	P	P	07 54 39.8	+1.1
baz=60 Q32A Mettler Ranch,	59.50 336	P	P	07 53 44.5	+0.5	N23A Red Feather La	64.22 332	P	P	07 54 16.2	+0.4	baz=68 B29A Wagenman Farm,	68.04 341	P	P	07 54 40.3	+0.6
baz=60 N37A Lee Faris, Mou	59.51 340	P	P	07 53 44.6	+0.6	F35A Swanville	64.25 343	P	P	07 54 16.5	+0.9	baz=68 C27A Saylor Ranch,	68.10 339	P	P	07 54 41.1	+0.9
baz=60 P33A Williams Farm,	59.55 337	P	P	07 53 44.9	+0.5	H31A Wolsey	64.25 339	P	P	07 54 16.4	+0.8	A30A Hoffart Farm,	68.13 342	P	P	07 54 41.6	+1.2
baz=60 R30A Dighton	59.59 334	P	P	07 53 45.4	+0.7	E37A Wrenshall	64.30 344	P	P	07 54 16.9	+0.9	HVU Hansel Valley	68.20 328	eP	P	07 54 41.0	-0.1
baz=60 S28A Manter	59.71 333	P	P	07 53 46.2	+0.6	J28A Allard Ranch,	64.34 337	P	P	07 54 16.9	+0.6	4.3mm,1.0s D25A Fairfield	68.27 337	P	P	07 54 42.6	+1.3
baz=60,SNR=6.8 LAZ Ladron	59.74 326	eP	P														

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like M02C Callahan, K04D Chiloquin, J05D Fort Rock, etc.

SJA 19 07:53:26.5-0.7, 31.34S:68.60W, h104km, 3km, ML4.2, MW4.0, San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RTLL Cerro Villicun, SJA San Juan, AMOG MOGNA, etc.

ISC 19 07:53:53.7-0.7, 9.51S:158.97E, h0km, mb4.2/13, mb1 3.8/4, mb1mx3.4/4.1, mbtmp3.6/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/2.9, Error ellipse: s-maj=20.4km s-min=14.1km az=162.0

ISCJB 19 07:53:55.9-0.5, 9.5S:0.1:158.94E:0.05, h27km, mb4.1/13, MS3.7/3, Error ellipse: s-maj=14.6km s-min=6.7km az=171.3

ISC 19 07:53:57.5-0.7, 9.65S:0.1:159.03E:0.07, h27km, n20, 1510/19, mb4.2/13, MS3.9/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HNR Honiara, ACAN Cantantal, AMOG MOGNA, etc.

CASC 19 07:57:29.8-2.0, 13.44N:91.75W, h61km, 162km, MD2.7, IDC 19 07:57:47.9-8.3, 14.35N:90.98W, h127km, 54km, mb3.2/4, mb1 3.4/6, mb1mx3.1/3.8, mbtmp3.4/6, Error ellipse: s-maj=71.9km s-min=40.6km az=169.0

ISC 19 07:57:29.2-2.9, 13.5N:0.1:91.58W:0.07, h8km, 14km, n17, 1514/20, mb3.6/4, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FUG Fuego, PCG Pacaya, NBG Las Nubes, etc.

CMAR Chiang Mai Arr 146.6232 PKPbc PKPab 08 17 13.2 -0.2

0.5nm, 1.0s, baz=142, slow=4.6, SNR=9.8
0.4nm, 0.3s, baz=346, slow=3.3, SNR=3.1

IDC 19 07:59:31.4-2.1, 6.58N:126.67E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/4.1, mbtmp3.5/4, Error ellipse: s-maj=21.0km s-min=22.4km az=68.0
ISCJB 19 07:59:41.4-1.1, 6.45N:0.09:126.9E:0.2, h100km, mb3.4/4, Error ellipse: s-maj=27.1km s-min=11.8km az=167.2

ISC 19 07:59:43.2-1.4, 6.5N:0.1:126.8E:0.2, h100km, n6, 15144/6, mb3.4/4, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BIPH Bislig, GSPH General Santos, WRA Warramunga Arr, etc.

IDC 19 08:23:52.5-1.7, 25.37S:177.62W, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.7/3.3, mbtmp3.6/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/2.9, Error ellipse: s-maj=47.5km s-min=38.0km az=38.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HBI Tubuai, HNR Honiara, etc.

SJA 19 08:27:26.8-0.8, 32.82S:68.95W, h35km, 3km, ML4.0, MW3.8, Mendoza Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARCO CERRO ARCO, ARCO Agrelo, RTVC Cerro Valdivia, etc.

MEX 19 08:33:32.3-0.3, 16.74N:99.69W, h8km, 6km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, MEIG Mezcala, TLIG Tlapa, etc.

ISCJB 19 08:47:08.6-0.6, 26.0N:0.1:94.81E:0.05, h71km, mb3.4/6, Error ellipse: s-maj=15.7km s-min=5.2km az=151.7
IDC 19 08:47:12.0-4.0, 26.19N:95.34E, h88km, 36km, mb3.2/6, mb1 3.5/7, mb1mx3.1/5.1, mbtmp3.6/7, MS2.6/2, Ms1 2/6, ms1mx2.3/1.5, Error ellipse: s-maj=42.6km s-min=18.4km az=66.0

ISC 19 08:47:09.8-0.8, 26.1N:0.1:94.92E:0.08, h71km, n19, 15125/27, mb3.5/6, Northeastern India

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAPN Taplejung, ODAN Odare, RAMN Ramite, etc.

IDC 19 08:53:37.7-5.3, 30.81S:178.70W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/2.5, mbtmp3.4/2, Error ellipse: s-maj=310.1km s-min=60.2km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B.

ISCJB 19 09:24:48.1-0.8, 20.3S:0.2:177.7W:0.2, h450km, mb3.7/10, Error ellipse: s-maj=30.9km s-min=9.1km az=143.9

IDC 19 09:24:49.2-2.7, 20.38S:177.71W, h450km, 31km, mb3.4/10, mb1 3.7/11, mb1mx3.4/3.7, mbtmp4.3/11, Error ellipse: s-maj=24.2km s-min=14.9km az=154.0

ISC 19 09:24:49.1-0.8, 20.3S:0.2:177.6W:0.1, h450km, n15, 15150/15, mb3.8/10, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Dzumac, CTA Charters Tower, etc.

TAP 19 09:34:13.8, 21.09N:121.24E, h49km, 1km, ML3.6, D JMA 19 09:34:14.6, 21.46N:120.61E, h75km, M3.4
ISC 19 09:34:21.1-2.0, 21.66N:0.08:121.26E:0.04, h3km, n11, 15161/57, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSEB Hengchun, LAY Lan-yu, TWK1 Taiwan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KUZ, KUAOTUNU, NMHZ, TOZ, ARHZ, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GDM, Grand'Maison, GDM, Roselend, etc.

ISCJB 19 11:01:07.8:0.9,28:35S:0:04:69:32W:0:05, h108km,13km, Error ellipse: s-maj=7.8km s-min=6.1km

GUC 19 11:01:08.9:0.3,28:41S:69:32W,h72km,18km,ML3.3

ISC 19 11:01:07.9:1.7,28:35S:0:05:69:33W:0:04, h113km,18km,n12,0:09:20,1C,Chile-Argentina border region

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

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 15.5 -0.1

SMRF Simiane la Rot 1.50 234 ePg Pg 11 02 34.8 -0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

CSEM 19 11:01:46.9:0.1,44:85N:7:26E,h15km,ML2.9/15, Error ellipse: s-maj=2.6km s-min=1.7km az=69.0

ROM 19 11:01:47.1:0.1,44:85N:7:21E,h11km,1km,ML2.3/8, Error ellipse: s-maj=1.5km s-min=1.1km az=89.0

LDG 19 11:01:47.2:0.2,44:87N:7:28E,h2km,MD2.1/1,ML2.9/8, Error ellipse: s-maj=3.6km s-min=2.0km az=63.0

GEN 19 11:01:47.8,44:84N:7:22E,h11km,ML2.4 Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

STR 19 11:01:47.9:0.3,44:85N:7:21E,h5km,ML2.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 19 11:01:46.8:0.8,44:87N:0:02:7:25E:0:02,h15km,4km, n54,0:09:50,Northern Italy

CSEM 19 11:02:19.9:0.1,44:87N:7:21E,h10km,ML3.1/29, Error ellipse: s-maj=2.4km s-min=1.7km az=73.0

ROM 19 11:02:20.3:0.1,44:80N:7:16E,h11km,ML2.7/5, Error ellipse: s-maj=2.2km s-min=1.4km az=37.0

GEN 19 11:02:20.7,44:84N:7:21E,h11km,ML2.9 Error ellipse: s-maj=2.2km s-min=1.4km az=37.0

ISCJB 19 11:02:20.5:0.3,44:88N:0:01:7:22E:0:03,h22km,2km, Error ellipse: s-maj=3.5km s-min=2.4km az=163.2

LDG 19 11:02:20.4:0.1,44:86N:7:27E,h2km,MD3.1/3,ML3.0/34, Error ellipse: s-maj=1.6km s-min=1.0km az=74.0

STR 19 11:02:21.5:0.1,44:84N:7:15E,h10km,ML3.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 19 11:02:20.4:0.7,44:85N:0:01:7:21E:0:02,h17km,4km, n138,0:19:22,D,Northern Italy

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BHB, Bricherasio, RRL, Rocca Remolon, etc.

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

SMRF Simiane la Rot 1.47 234 ePg Pg 11 02 48.9 +0.3

SMRF Simiane la Rot 1.47 234 ePg Pg 11 03 07.9 +0.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like David-gareji, Tamarrasset, Delisi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kiev, Malin Array Be, Novokhopovsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Panska Ves, Erkin-Say, Rotzenhubel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Musuan, Dipolog City, Jordan, Roxas, etc.

12C 19:12:18.38.4z.1, 8.02S, 130.06E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.5/4.7, mbtmp3.7/4, ML3.8/3, Error ellipse: s-maj=77.2km s-min=27.9km az=78.0

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

12C 19:12:37.51.2.0.7, 7.13N, 72.06W, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.7/3.2, mbtmp3.9/3.9, ML3.6/1, Error ellipse: s-maj=32.2km s-min=17.4km az=4.0

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

12C 19:12:49.32.6.1.3, 56.38S, 26.66W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/1.8, mbtmp4.0/3, Error ellipse: s-maj=48.2km s-min=32.8km az=82.0, South Sandwich Islands region

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

12C 19:12:58.15.3.9.2, 4.36S, 153.44E, h85km, mb3.3/2, mb1 3.6/3, mb1mx3.1/4.0, mbtmp3.7/3, ML1.3/1, Error ellipse: s-maj=122.3km s-min=55.2km az=123.0, New Ireland region

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

12C 19:13:02.40.4.1.9, 51.40N, 179.60W, h0km, mb3.3/6, mb1 3.7/6, mb1mx3.4/7.0, mbtmp3.4/6, Error ellipse: s-maj=64.3km s-min=21.3km az=178.0

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

12C 19:13:02.41.0.1.3, 51.11N, 179.19E, h22km, ML3.4(AEIC), After AEIC

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

12C 19:13:02.41.0.4.0, 4.14S, 15N, 91.62W, h67km, 8km, MD4.2, Guatemala

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

12C 19:13:22.0.3.0.8, 25.32N, 106.141.8E, 0.1, h33km, mb3.9/7, MS3.3/2, Error ellipse: s-maj=18.9km s-min=8.0km az=14.0

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

12C 19:13:22.40.9.25.40N, 141.67E, h35km, mb4.5/1, Error ellipse: s-maj=15.7km s-min=7.5km az=94.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAR, LPAZ, TORO, ILAR, etc.

12C 19:14:02.29.9.1.4, 26.49S, 114.66W, h0km, mb3.9/8, mb1 4.2/2, mb1mx4.0/2.5, mbtmp3.9/8, MS3.6/7, MS1 3.6/7, mb1mx3.4/1.8, Error ellipse: s-maj=51.5km s-min=27.1km az=51.0

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

19d 16h

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Includes stations like TRQA, LVC, PMSA, CPUP, LPAZ, etc.

2010 DEC

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Includes stations like P37A, P35A, P34A, etc.

848

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Includes stations like LUBP, PGP, SUMP, etc.

MAN 19 16:09:58, 13:42N, 120:50E, h34km, mb4.3, ML3.1, MS2.9, 1C, Mindoro

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, MAT, UMG, CISI, KSM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation. Includes stations like ABTA, DAVA, LJU, etc.

CSEW 19 16:51:50.4, 39°48N, 29°81W, h10km, ML3.0, After PDA 19 16:51:50.4, 0.8, 39°48N, 29°81W, h10km, MD3.7, ML3.0, Error ellipse: s-maj=15.5km s-min=7.1km az=47.0, Azores Islands

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

IDC 19 16:54:15.4, 1.8, 7°20S, 120°52E, h541km, 19km, mb2.9/3, mb1 3.0/5, mb1mx2.7/4.3, mbtmp3.7/5, Error ellipse: s-maj=168.2km s-min=15.6km az=56.0, Flores Sea

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

KRSC 19 16:59:15.7, 2.0, 49°03N, 156°41E, h6km, 3km, ML4.9, ISCJB 19 16:59:17.4, 0.3, 49°04N, 103°155'47E, 0.05, h51km, mb4.0/29, MS3.7/4, Error ellipse: s-maj=5.9km s-min=2.6km az=136.2

SKHL 19 16:59:18.9, 0.6, 49°05N, 155°64E, h71km, 9km, mb4.6/7, BUJ 19 16:59:19.6, 4.9, 18N, 155°39E, h68km, mb4.4/22, MB4.7/16, Ms4.1/9, Mst7.3/8.10

MOS 19 16:59:19.1, 1.3, 49°20N, 155°19E, h64km, mb4.3/20, Error ellipse: s-maj=10.0km s-min=4.5km az=74.4, NEIC 19 16:59:20.2, 1.4, 49°08N, 155°45E, h67km, 11km, mb4.4/8, Error ellipse: s-maj=17.8km s-min=8.0km az=149.0

IDC 19 16:59:22.6, 2.2, 49°23N, 155°24E, h83km, 20km, mb3.6/19, mb1 3.0/25, mb1mx3.8/4.6, mbtmp4.0/25, MS3.5/8, Ms1 3.5/8, ms1mx3.0/4.9, Error ellipse: s-maj=17.5km s-min=11.1km az=141.0

ISC 19 16:59:18.8, 0.5, 49.05N, 155.52E, 0.05, h51km, n156, o165/185, mb4.0/30, MS3.6/4, 2C-5D, Kuril Islands

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PET, PET, PET, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TORO, DBIC, LPAZ.

CSEM 19 17:08:25.5, 42.98N; 12.90E, h10km, MD1.8/7, After ROM
ROM 19 17:08:25.5-0.1, 42.98N; 12.90E, h10km, MD1.8/7, MH1.2/4,
Error ellipse: s-maj=1.7km s-min=0.8km az=60.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEMI, FDMO, NRCA, LNSS, MURB, SSFR.

IDC 19 17:11:34.9-2.1, 11.69S; 162.57E, h0km, mb3.8/3,
mb1 4.0/4, mb1mx3.6/21, mbtmp3.9/4, ML4.6/1, MS2.8/1,
Ms1 2.8/1, ms1mx2.5/28, Error ellipse: s-maj=51.6km
s-min=41.9km az=102.0, Bougainville-Solomon Islands
region

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

IDC 19 17:22:59.4, 0.8, 36.52S; 73.37W, h0km, mb3.9/9,
mb1 4.1/2, mb1mx4.0/23, mbtmp3.9/12, ML4.0/3, MS3.8/8,
Ms1 3.8/8, ms1mx3.5/22, Error ellipse: s-maj=29.4km
s-min=16.8km az=87.0,

ISCJTB 19 17:23:01.7, 0.5, 36.48S; 0.04; 73.41W, 0.06, h25km,
mb4.1/12, MS3.8/7, Error ellipse: s-maj=7.0km
s-min=5.1km az=177.5

GUC 19 17:23:03.0, 0.9, 36.50S; 73.24W, h6km, mb4.5/7m, ML4.9
NEIC 19 17:23:03.0, 36.49S; 73.24W, h6km, mb4.5/5, ML4.9(GUC),
After GUC.

NEIC Felt [V] at Arauco, Concepcion and Talcahuano; [IV] at
Chiguayante, Penco, San Pedro de La Paz and Tanco; [III]
at Cabrero, Colburn, La Laja, Los Angeles, Nacimiento,
Negrete, San Rosendo and Santa Juana; [II] at Chanco.

ISC 19 17:23:03.7, 0.6, 36.50S; 0.04; 73.25W, 0.07, h25km, n44,
+0.95/39, mb4.1/2, MS3.9/7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCSP, COCH, LNCH, TALC, CANA, ROCT, ROCH, PLCA, AAGR, AUSP, ASAL, RTLS, RRTL, LCO, TRQA, LVC, LVC, CPUP, LPAZ, SIV, NNA, SPB, PMSA, SAMU, ATAH, BDFB, RCBR, SNAH, QSPA, QSPA, RKT, RND, VANDA.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MEH, TVO, TIAR, PPT2, PPT, MAW, TXAR, TXAR, DBIC, ANMO, NVAR, PDAR, TORD.

ISCJTB 19 17:28:15.0, 0.5, 4.76S; 0.04; 133.62E; 0.06, h21km,
mb3.3/4, MS2.9/1, Error ellipse: s-maj=8.2km s-min=5.7km
az=164.0

IDC 19 17:28:15.3, 1.2, 4.87S; 133.13E, h0km, mb3.4/4,
mb1 3.8/9, mb1mx3.7/31, mbtmp3.7/9, ML3.7/5, MS3.1/1,
Ms1 3.1/1, ms1mx2.5/17, Error ellipse: s-maj=55.8km
s-min=16km az=71.0

AUST 19 17:28:19.2, 4.46S; 133.53E, h100km
DJA 19 17:28:19.3, 1.6, 5.5; 13.4E, +h39km, 20km, M4.2/9,
mb4.5/6, mb4.9/3, MLv4.1/9, Mw(MB)4.2/3,
Error ellipse: s-maj=17.4-0.7, 4.62S; 0.06; 133.60E; 0.08, h21km, n28,
+174/26, mb3.5/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMPI, FAKI, FAKI, BNDI, BNDI, SIJI, SIJI, SWI, SWI, GENI, SANI, SANI, KDU, MTN, SOEI, KNRA, WRA, FITZ, FITZ, MTSU, ASAR, ASAR, CTA, WRKA, HNR, CMAR, SONM, MKAR, ZALV.

IDC 19 17:47:57.9, 0.9, 41.36S; 88.68W, h0km, mb3.9/6,
mb1 4.2/6, mb1mx3.9/19, mbtmp3.9/6, MS3.4/5, Ms1 3.4/5,
ms1mx3.1/23, Error ellipse: s-maj=77.5km s-min=24.3km
az=82.0

ISCJTB 19 17:47:58.3, 0.8, 41.4S; 0.2; 88.9W; 0.6, h10km, mb3.9/6,
MS3.3/4, Error ellipse: s-maj=61.5km s-min=20.4km
az=172.5

NEIC 19 17:47:59.3, 0.6, 41.37S; 88.68W, h10km, mb4.0/1, Error
ellipse: s-maj=49.2km s-min=17.9km az=82.0

ISC 19 17:47:59.8, 0.9, 41.4S; 0.2; 88.6W; 0.4, h10km, n14,
+0.84/9, mb4.0/6, MS3.5/4, West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA, LVC, CPUP, LPAZ, QSPA, QSPA, VANDA, TXAR, NVAR, PDAR, DZM, BOSB, KBZ, YAK.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PDGK, PDGK, MK09, MK09, MKAR, MKAR, KNDC, KNDC, TKM2, TKM2, ANMO, NVAR, PDAR, TORD.

ISCJTB 19 18:02:27.6, 2.3, 1.98N; 127.29E, h0km, mb3.1/3,
mb1 3.4/3, mb1mx3.1/4, mbtmp3.3/3, Error ellipse:
s-maj=193.2km s-min=25.2km az=67.0, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, NNC, KK31, MNAS, MNAS, AAK, AAK, TKM2, TKM2, AB31, AKTO.

ISCJTB 19 18:12:02.8, 0.4, 3.01S; 0.05; 136.35E; 0.06, h34km, n41,
+198/39, mb3.7/7, MS3.4/4, Irian Jaya

ISCJTB 19 18:12:02.8, 0.4, 3.01S; 0.05; 136.35E; 0.06, h34km, n41,
+198/39, mb3.7/7, MS3.4/4, Irian Jaya

ISCJTB 19 18:12:02.8, 0.4, 3.01S; 0.05; 136.35E; 0.06, h34km, n41,
+198/39, mb3.7/7, MS3.4/4, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RKPI, GENI, GENI, FAKI, FAKI, FAKI, FAKI, JAY, SIJI, SIJI.

Table with columns: AAK, Ala-Archa, 61.84 329 P, 1.9nm, 0.9s, baz=149, slow=3, SNR=6.4, etc.

ISCJB 19:19:24.33.4.0.3, 11.94N, 0.05:44.07E, 0.04, h4km, mb4.2/24, MS4.1/24, Error ellipse: s-maj=8.5km

IDC 19:19:24.34.4.0.7, 12.00N, 0.43:96E, h0km, mb4.2/18, mb1.4/2.0, mb1mx3.0/0.7, mbtmp4.1/2.0, ML3.6/2, MS4.2/27, MS1.4/2.7, ms1mx1.1/3.4, Error ellipse: s-maj=17.0km

NEIC 19:19:24.35.9.0.4, 12.03N, 0.44:01E, h10km, mb4.6/5, Error ellipse: s-maj=12.8km s-min=8.1km az=121.0

DSN 19:19:24.36.9.0.0, 12.06N, 0.43:88E, h18km, mb4.5/10, MS5.2/10, Error ellipse: s-maj=0.0km s-min=0.0km az=0

CSEM 19:19:24.36.4.0.3, 12.00N, 0.44:18E, h10km, mb4.5/5, MS5.2, Error ellipse: s-maj=12.9km s-min=9.5km az=122.0

ISN 19:19:25.00.0.1, 0.14, 97N, 38.48E, h0km, 25km

ISC 19:19:24.39.0.5, 11.99N, 0.08:43.99E, 0.07, h4km, n93, r149/77, mb4.2/24, MS4.1/24, 17C-9D, Ethioip

Main table for 853 page, listing stations like ATD, ATD, FURI, KMBO, KMBO, KMBO, KMBO, ASUD, FAQ, FAQ, FAQ, NAZ, NAZ, ASHO, ASHO, HATD, HATD, BANOM, BANOM, MBAR, MBAR, NSR, NSR, EIL, ASF, ASF, MMAI, IKRK, IKRK, MSL, MSL, GNI, GEYT, BRTR, BRTR, TIRR, TIRR, MATP, CFR, CFR, MLR, MLR, VRI, VRI, PLOS, PLOS, GZR, GZR, BZS, BZS, BURAR, BURAR, DRGR, DRGR, KEST, ABKAR, ABKAR, AML, AML, KOLN, KOLN, PKSM, PKSM, AAK, AAK, AAK, AKASG, AKASG, TORD, TORD, TORD, DMN, DMN, KKN, KKN, PKIN, PKIN, PKI, PKI, CTA

Table for 2010 DEC page, listing stations like GUN, RAMN, ODAN, TAPN, BOSA, BOSH, BOSA, GERES, GERES, BVAR, BVAR, MKAR, MKAR, KURK, KURK, KURK, DBIC, DBIC, ESDC, ESDC, FINES, FINES, ZALV, ZALV, ZALV, CMAR, CMAR, NOA, NOA, NOA, ARCES, ARCES, SONM, SONM, SONM, SONM, LEM, LEM, KRSR, KRSR, USRK, USRK, MAW, MAW, FITZ, FITZ, FITZ, PETK, PETK, WRA, WRA, ASAR, ASAR, BDFB, BDFB

CSEM 19:19:29.59.4.38, 54N, 21.83E, h21km, MD2.5, After ATH

ATH 19:19:29.59.4.38, 54N, 21.83E, h21km, MD2.5/12, Greece

Table for Greece section, listing stations like EFP, EFP, EFP, SERG, SERG, SERG, PVO, PVO, PVO, KALE, KALE, KALE, LAKA, LAKA, LAKA, EVR, EVR, EVR, PDO, PDO, PDO, MAKR, MAKR, MAKR, KLV, KLV, KLV, RLS, RLS, RLS, DRS, DRS, DRS, DSF, DSF, DSF, DESF, DESF, DESF, DESF, DRO, DRO, DRO, AGG, AGG, AGG, AGG, THL, THL, THL

NEIC 19:19:30.13.4.1.0, 11.82S, 166.15E, h35km, mb4.1/3, Error ellipse: s-maj=24.1km s-min=15.1km az=112.0

ISCJB 19:19:30.16.6.0.9, 12.15S, 0.07:166.74E, 0.10, h83km, mb3.9/10, Error ellipse: s-maj=14.9km s-min=8.1km az=154.3

IDC 19:19:30.18.8.3.3, 12.15S, 166.73E, h91km, 2.7km, mb3.8/8, mb1.4/0.10, mb1mx3.7/3.1, mbtmp4.2/1.0, MS2.6/1, MS1.2.6/1, ms1mx2.3/2.5, Error ellipse: s-maj=25.5km s-min=18.7km az=72.0

AUST 19:19:31:08.6, 13.91S, 164.89E, h450km

ISC 19:19:31:08.0.1.0, 12.11S, 0.08:166.8E, 0.1, h83km, n24, s1923/25, mb4.0/10, Santa Cruz Islands

Table for Santa Cruz Islands section, listing stations like HNR, HNR, HNR, DZM, DZM, DZM, DZM, EIDS, EIDS, EIDS, CTA

Table for 19d 19h page, listing stations like CTAO, RMQ, MTSU, ARMA, STKA, WRAB, WRA, ASAR, KNRA, WRKA, FITZ, FITZ, KMBL, MEEK, CMAK, SONM, ILAR, MKAR, ARCES

CSEM 19:19:40:29.8, 39.57N, 29.58W, h10km, ML3.2, After PDA

PDA 19:19:40:29.8, 1.0, 39.57N, 29.58W, h10km, MD3.7, ML3.2, Error ellipse: s-maj=9.9km s-min=7.0km az=67.0

Azores Islands

Table for Azores Islands section, listing stations like PCED, PCED, PCED, CALA, CALA, CALA, CALA, HOTA, HOTA, HOTA, ROSA, ROSA, ROSA, ROSA, PGRA, PGRA, PGRA, PCAN, PCAN, PCAN, PCAN, PICO, PICO, PICO, PICO, PMAN, PMAN, PMAN

ISCJB 19:19:44:50.6.0.8, 11.6N, 0.1:44.20E, 0.07, h10km, mb3.6/8, MS3.4/9, Error ellipse: s-maj=17.8km s-min=8.6km az=161.0

IDC 19:19:44:51.3.1.2, 11.65N, 44.10E, h0km, mb3.6/8, mb1.3/0.9, mb1mx3.6/4.1, mbtmp3.7/9, ML3.6/1, MS3.5/10, MS1.3/1.0, ms1mx3.2/3.7, Error ellipse: s-maj=31.8km s-min=15.1km az=157.0

ISC 19:19:44:52.6.0.8, 11.6N, 0.1:44.16E, 0.08, h10km, n18, s086/13, mb3.7/8, MS3.3/9, Western Gulf of Aden

Main table for 19d 19h page, listing stations like ATD, ATD, FURI, FURI, KMBO, KMBO, GNI, GEYT, BRTR, BRTR, KBZ, KBZ, KVAR, AKTO, AAK, AAK, TORD, TORD, BOSA, GERES, BVAR, MKAR, ZALV, ZALV, CMAR, SONM, GULE, GULE

DDA 19:19:48:43.1, 37.48N, 35.69E, h7km, Md2.6, Turkey

ISCJB 19:19:52:52.1, 1.3, 11.8N, 0.2:44.1E, 0.1, h10km, mb3.6/8, Error ellipse: s-maj=34.9km s-min=9.0km az=158.8

IDC 19:19:52:02.1.6, 11.72N, 44.07E, h0km, mb3.6/8, mb1.3/0.8, mb1mx3.5/3.7, mbtmp3.8/8, Error ellipse: s-maj=45.3km s-min=16.5km az=164.0

ISC 19:19:52:53.6.1.5, 11.7N, 0.3:44.1E, 0.1, h10km, n9, s1923/25, mb4.0/10, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like Peldehue, El Roble, San Pedro de C, Paso Flores, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like Pleasantville, M37A, M37B, M37C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like M37.3, 296km east of Dawson, Yt Southern Yukon Territory, Canada, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOLF, ABRA Dolores, BCPH Baugio City Da, etc.

ISCJB 19 21:24:12.6:0.3, 4.64N:0.03:125.02E:0.04, h50km, mb4.3/19, MS3.1/8, Error ellipse: s-maj=6.5km s-min=3.8km az=163.0

NEIC 19 21:24:16.9:2.2, 4.56N:124.97E, h73km, 5km, mb4.7/12, Error ellipse: s-maj=16.7km s-min=11.2km az=90.0

IDC 19 21:24:19.6:1.5, 7.17E, 125.35E, h102km, 15km, mb3.8/12, mb1.3/14, mb1mx3.6/46, mbtmp4.1/14, MS3.3/10, Ms1.3/10, ms1mx3.0/45, Error ellipse: s-maj=22.5km s-min=10.3km az=75.0

DJA 19 21:24:29.7:0.4, 3.1N:4.12E, h96km, 7km, M4.4/11, mb4.4/8, mB4.3, MLV4.4/11, Mw(mb)4.0/3

ISC 19 21:24:14.7:0.5, 4.65N:125.05E:0.06, h50km, n58, c=1759/53, mb4.4/19, MS3.2/8, 1D, Talaud Islands

Main table of station data for the 19d 22h period, listing station names, coordinates, and seismic parameters.

ISCJB 19 21:30:39.7:0.5, 5.87N:127.3E:0.1, h83km, mb3.8/12, Error ellipse: s-maj=18.0km s-min=7.6km az=143.2

IDC 19 21:30:41.3:1.8, 5.89N:127.20E, h80km, 16km, mb3.5/11, mb1.3/12, mb1mx3.5/36, mbtmp3.8/12, Error ellipse: s-maj=25.9km s-min=10.5km az=63.0

ISC 19 21:30:41.3:0.6, 5.91N:127.2E:0.1, h83km, n15, c=974/17, mb2.1/12, Philippine Islands region

Table of station data for the 19d 30h period, including stations like DAV, SJI, FITZ, etc.

Table of station data for the 2010 DEC period, including stations like ASAR, STKA, SONM, etc.

JMA 19 21:36:18.4:0.2, 24.51N:122.33E, h85km, 3km, M1.4

ISCJB 19 21:36:19.2:0.7, 24.55N:122.33E:0.02, h75km, 7km, Error ellipse: s-maj=8.5km s-min=3.4km az=173.5

TAP 19 21:36:19.4:2.4, 50N:122.27E, h81km, M2.6, D

ISC 19 21:36:19.5:1.5, 24.55N:122.33E:0.07, h75km, 11km, n26, c=8181/43, Taiwan region

Main table of station data for the 2010 DEC period, listing station names, coordinates, and seismic parameters.

IDC 19 21:46:45.9:0.8, 5.146N:176.29W, h0km, mb3.8/14, Mb1.4/16, mb1mx3.9/47, mbtmp3.9/16, MS3.1/3, Ms1.3/13, ms1mx2.0/6, Error ellipse: s-maj=3.0km s-min=13.2km az=171.0

NEIC 19 21:46:49.3:5.1, 13N:176.15W, h20km, mb4.1/4, ML3.7(AEIC), After AEIC

ISCJB 19 21:46:50.7:0.4, 5.123N:176.14W:0.05, h47km, mb3.9/14, MS2.9/12, Error ellipse: s-maj=7.5km s-min=16.2km az=169.1

ISC 19 21:46:52.0:0.6, 5.132N:176.21W:0.04, h47km, n65, c=1501/60, mb4.0/14, Andean Islands

Main table of station data for the 2010 DEC period, listing station names, coordinates, and seismic parameters.

Main table of station data for the 2010 DEC period, listing station names, coordinates, and seismic parameters.

MEX 19 21:58:23.2:0.5, 16.15N:94.40W, h67km, 18km, MD4.1, Oaxaca

Table of station data for the MEX 19 21:58:23.2:0.5 event, including stations like CMIG, PCIG, etc.

IDC 19 22:06:12.2:2.5, 51.52N:176.31W, h0km, mb3.4/6, mb1.3/7, mb1mx3.5/57, mbtmp3.6/7, ML3.5/1, Error ellipse: s-maj=67.8km s-min=18.8km az=170.0

NEIC 19 22:06:15.2:5.1, 11N:176.16W, h26km, ML3.5(AEIC), After AEIC

ISCJB 19 22:06:16.0:1.1, 51.2N:176.14W:0.06, h58km, 9km, mb3.7/6, Error ellipse: s-maj=19.3km s-min=5.4km az=172.9

ISC 19 22:06:18.0:2.0, 51.3N:176.20W:0.04, h50km, 16km, n30, c=1960/37, mb3.6/6, Andean Islands

Main table of station data for the 19d 22h period, listing station names, coordinates, and seismic parameters.

IDC 19 22:11:29.0:0.5, 51.28N:176.17W, h0km, mb4.4/37, mb4.5/38, mb1mx4.5/56, mbtmp4.4/38, ML4.8/1, MS4.5/30, Ms1.4/5.0, ms1mx4.3/47, Error ellipse: s-maj=16.6km s-min=9.3km az=163.0

BUI 19 22:11:31.0:2.0, 52.01N:175.97W, h23km, mb4.9/44, MB5.2/36, Ms5.0/30, Ms7.4/30

GMCT 19 22:11:33.0:2.0, 51.11N:176.10W, h19km, MW5.2/103, Moment Tensor Solution, s78, c219, s103, c172

Duration: 1s Moment tensor: Scale 10^18Nm; Mn5.47z:15; Mb4.42z:12; Mw:1.05z:10; Mw4.54z:26; Mw:2.25z:08; Mw:2.20z:22; Best double couple: Mr:7.46900x10^16 Np1:0.6400000; 0.6600000;

19d 22h

ULN	Ulaanbaatar	47.80	298	eP	P	22 45 05.8	-0.7
B30A	Myrvik Farm, E	48.03	61	P	P	22 45 06.9	-1.2
N23A	Red Feather La	48.04	74	P	P	22 45 07.2	-1.4
F28A	McLaughlin	48.13	65	P	P	22 45 08.1	-0.9
SONA1	Songino Array	48.17	298	eP	P	22 45 09.5	+0.1
SONM	Songino Array	48.18	298	P	P	22 45 09.2	-0.3
SONM	Songino Array	48.18	298	P	P	22 45 09.2	-0.3
ULM	Lac du Bonnet	48.35	58	P	P	22 45 10.3	-0.2
ULM	Lac du Bonnet	48.35	58	P	P	22 45 10.3	-0.2
C30A	Mose, Pekin	48.37	62	P	P	22 45 09.6	-1.2
B31A	Greenbush Farm	48.42	61	P	P	22 45 09.9	-1.2
ZAK	Zakamensk	48.44	302	eP	P	22 45 09.6	-1.7
I27A	Quinn	48.45	68	P	P	22 45 10.2	-1.2
G28A	Parade	48.52	66	P	P	22 45 10.7	-1.2
D30A	Buchanan	48.56	63	P	P	22 45 11.1	-1.1
H28A	Mission Ridge	48.69	67	P	P	22 45 12.2	-1.1
F29A	Eureka	48.69	65	P	P	22 45 12.3	-1.0
C31A	Landman Farms,	48.73	61	P	P	22 45 12.4	-1.2
MVCO	Mesa Verde	48.76	79	P	P	22 45 13.0	-1.2
A32A	Rocking H Ranch	48.77	60	P	P	22 45 12.7	-1.1
TIA	Tai'an	48.83	279	UP	P	22 45 15.6	+1.2
ISCO	Idaho Springs	48.91	75	eP	P	22 45 17.0	+1.6
ISCO	Idaho Springs	48.91	75	P	P	22 45 14.1	-1.3
ISCO	Idaho Springs	48.91	75	eP	P	22 45 16.9	+1.6
J27A	Elkhorn Farm,	48.96	69	P	P	22 45 14.5	-0.9
I28A	Midland	49.00	67	P	P	22 45 14.5	-1.2
B32A	Ashes, Strandq	49.05	60	P	P	22 45 15.0	-0.9
F30A	Leola	49.15	64	P	P	22 45 15.5	-1.2
H29A	Onida	49.18	66	P	P	22 45 15.9	-1.1
J28A	Allard Ranch,	49.31	68	P	P	22 45 17.0	-1.0
HHC	Hu-ho-hao-te	49.32	288	eP	S	22 45 18.4	+0.2
HHC	HHC					22 52 20.6	-0.6
HHC	HHC						
HHC	HHC						
HHC	HHC						
HHC	HHC						
A33A	Warroad	49.35	59	P	P	22 45 17.1	-1.2
S22A	4UR Ranch, Cre	49.45	77	P	P	22 45 18.2	-1.3
AGMN	Agassiz Nation	49.47	60	P	P	22 45 18.2	-0.9
AGMN	Agassiz Nation	49.47	60	eP	P	22 45 19.1	-0.1
I29A	Vivian Onida	49.49	67	P	P	22 45 18.5	-0.9
G30A	Faulton	49.50	65	P	P	22 45 18.3	-1.1
214A	Organ Pipe Nat	49.50	87	P	P	22 45 18.8	-0.9
C33A	Trail	49.83	61	P	P	22 45 20.8	-1.1
J29A	Okreek	49.85	68	P	P	22 45 21.0	-1.1
B34A	Aery, Baudette	50.02	59	P	P	22 45 22.2	-1.1
D33A	AnnSam, Waubun	50.16	61	P	P	22 45 23.1	-1.3
SDCO	Great Sand Dun	50.26	77	P	P	22 45 24.3	-1.4
SDCO	Great Sand Dun	50.26	77	eP	P	22 45 26.6	+1.0
G32A	Webster	50.35	64	P	P	22 45 24.7	-1.2
C34A	RKJ Ranch, Bem	50.37	60	P	P	22 45 24.9	-1.0
J30A	Dallas	50.38	67	P	P	22 45 24.9	-1.2
NJ2	Nanjing	50.48	274	eP	P	22 45 28.3	+1.3
TUC	Tucson	50.53	86	eP	P	22 45 32.4	+4.9
TUC	Tucson	50.53	86	eP	P	22 45 32.4	+4.9
D34A	Park Rapids	50.55	61	P	P	22 45 26.1	-1.3
B35A	Bob, Littlefor	50.59	59	P	P	22 45 26.5	-1.2
SPITS	Spitsbergen Ar	50.60	357	P	P	22 45 26.6	-0.8
SPITS	Spitsbergen Ar	50.60	357	P	P	22 45 26.6	-0.8
F33A	5 Mile Ranch,	50.68	63	P	P	22 45 27.2	-1.1
J31A	Geddes	50.84	67	P	P	22 45 28.5	-1.1
H32A	Carlson Farm,	50.84	65	P	P	22 45 28.4	-1.3
C35A	Jirik Farms, M	50.84	60	P	P	22 45 28.4	-1.2
O28A	Krutsinger Ran	51.01	72	P	P	22 45 30.0	-1.0
H33A	Prehn Over Nor	51.13	64	P	P	22 45 30.5	-1.3
D35A	Remer	51.17	60	P	P	22 45 30.9	-1.2
E35A	Pequot Lakes	51.30	61	P	P	22 45 31.8	-1.2
J32A	Parkston	51.30	66	P	P	22 45 31.9	-1.2
T25A	Trinidad	51.32	76	P	P	22 45 32.3	-1.2
C36A	Pine Crest Far	51.43	59	P	P	22 45 32.8	-1.1
D36A	Goodland	51.60	60	P	P	22 45 34.0	-1.2
ECSD	EROS Data Cent	51.78	65	P	P	22 45 35.6	-1.1
ECSD	EROS Data Cent	51.78	65	eP	P	22 45 36.2	-0.4
C37A	Embarrass	51.80	59	P	P	22 45 35.6	-1.1
E36A	McGregor	51.95	60	P	P	22 45 36.7	-1.1
O30A	NW Ranch, Wils	52.00	71	P	P	22 45 37.3	-1.1
D37A	Cotton	52.01	59	P	P	22 45 37.3	-1.0
EYMN	Ely	52.03	58	P	P	22 45 37.3	-1.1
EYMN	Ely	52.03	58	eP	P	22 45 38.9	+0.5
L32A	Elgin	52.06	68	P	P	22 45 37.6	-1.1

2010 DEC

R28A	Tribune	52.12	74	P	P	22 45 38.3	-1.0
H35A	Sunnyside Ranc	52.20	63	P	P	22 45 38.4	-1.3
F36A	Milaa	52.21	61	P	P	22 45 38.6	-1.2
N31A	Bailey Ranch,	52.24	69	P	P	22 45 39.2	-0.9
C38A	Sawbill Land.	52.29	58	P	P	22 45 39.0	-1.3
P30A	Selden	52.29	71	P	P	22 45 39.5	-1.0
BGNB	Belgrade	52.35	68	P	P	22 45 39.8	-1.1
O31A	Woolen Ranch,	52.45	70	P	P	22 45 40.6	-1.0
R29A	Marienthal	52.47	73	P	P	22 45 41.0	-0.9
S28A	Manter	52.55	74	P	P	22 45 41.6	-1.0
Q30A	Quinter	52.67	72	P	P	22 45 42.2	-1.1
K34A	Le Mars	52.73	66	P	P	22 45 42.8	-1.0
H36A	Jessenland, He	52.78	63	P	P	22 45 43.1	-0.9
P31A	Stockton	52.82	71	P	P	22 45 43.3	-1.2
SUMG	Summit	53.01	15	iP	P	22 45 46.0	+0.2
SUMG	Summit	53.01	15	iP	P	22 45 46.0	+0.2
SUMG	Summit	53.01	15	eP	P	22 45 45.6	-0.2
CBKS	Cedar Bluff	53.06	72	eP	P	22 45 47.1	+0.9
CBKS	Cedar Bluff	53.06	72	P	P	22 45 45.2	-1.0
CBKS	Cedar Bluff	53.06	72	eP	P	22 45 47.1	+0.9
Q31A	Ellis	53.14	71	P	P	22 45 45.7	-1.1
T29A	Hugton	53.20	74	P	P	22 45 46.3	-1.0
K35A	Strom Lake	53.20	65	P	P	22 45 46.0	-1.1
P32A	Huiting Farm,	53.22	70	P	P	22 45 46.2	-1.1
J36A	Seneca 1, Swea	53.33	64	P	P	22 45 47.0	-1.0
H37A	Dierke Farm, C	53.34	62	P	P	22 45 46.8	-1.3
S30A	Montezuma	53.39	73	P	P	22 45 47.6	-1.1
I37A	Lemond, Waseca	53.42	63	P	P	22 45 47.5	-1.2
R31A	Burdett	53.53	72	P	P	22 45 48.8	-0.9
Q32A	Meitler Ranch,	53.65	71	P	P	22 45 49.3	-1.2
N34A	Lincoln	53.67	68	P	P	22 45 49.7	-0.9
K36A	Gilmore City	53.70	65	P	P	22 45 49.7	-1.1
J37A	Redenius Farm,	53.78	64	P	P	22 45 50.3	-1.1
R32A	Long Quarter,	53.93	72	P	P	22 45 51.5	-1.1
O34A	Beatrice	53.98	69	P	P	22 45 51.8	-1.0
U30A	WK&E Inc. Balk	54.00	75	P	P	22 45 52.3	-0.9
I38A	Scanlan Farm,	54.01	62	P	P	22 45 51.9	-1.2
Q33A	Connelly Farm,	54.08	70	P	P	22 45 52.5	-1.1
K37A	Belmond	54.08	64	P	P	22 45 52.4	-1.2
N35A	Tabor	54.16	67	P	P	22 45 53.1	-1.1
T31A	Randall Ranch,	54.22	73	P	P	22 45 53.7	-0.9
P34A	Walnut Farm, R	54.31	69	P	P	22 45 54.2	-1.1
MNTX	Cornudas Mount	54.32	82	P	P	22 45 54.8	-0.7
O35A	Humboldt	54.38	68	P	P	22 45 54.9	-0.9
J38A	Wedel Dairy, R	54.38	63	P	P	22 45 54.7	-1.1
MSTX	Muleshoe	54.40	78	P	P	22 45 55.2	-0.9
L37A	Phoenix Point,	54.43	65	P	P	22 45 55.1	-1.0
R33A	Olander Ranch,	54.44	71	P	P	22 45 55.3	-0.9
AMTX	Amarillo	54.46	77	P	P	22 45 55.5	-1.1
T32A	Huddler Ranch,	54.61	73	P	P	22 45 56.7	-0.9
Q34A	Chapman	54.65	70	P	P	22 45 56.8	-1.0
M37A	Trindle Farm,	54.72	66	P	P	22 45 57.1	-1.2
P35A	Duane Minner,	54.80	69	P	P	22 45 57.8	-1.0
L38A	Oak Wood Farm,	54.87	65	P	P	22 45 58.2	-1.2
R34A	Isabella, Hill	54.88	71	P	P	22 45 58.3	-1.1
SSLB	Suanglung	54.95	265	eP	P	22 45 59.8	-0.4
N37A	Lee Farris, Mou	55.05	67	P	P	22 45 59.6	-1.0
T33A	Patterson Ranc	55.09	72	P	P	22 45 60.0	-1.0
M38A	Pleasantville	55.20	65	P	P	22 46 00.7	-1.0
ZAAO	Zalesovo Array	55.31	315	eP	P	22 46 01.2	-1.1
ZAAO	Zalesovo Beam	55.31	315	P	P	22 46 01.2	-1.1
ZALV	Zalesovo Array	55.31	315	P	P	22 47 02.7	+0.3
ZALV	Zalesovo Beam	55.31	315	P	P	22 46 01.2	-1.1
ZALV	Zalesovo Beam	55.31	315	P	P	22 47 02.7	+0.3
XAN	Xi'an	55.31	283	P	P	22 46 03.6	+0.9
W31A	Holland Ranch,	55.32	75	P	P	22 46 01.7	-1.0
S34A	Willow Spring	55.35	71	P	P	22 46 01.8	-1.0
NVS	Novosibirsk	55.42	316	iP	P	22 46 02.2	-0.9
O37A	Wolven Farm, M	55.47	67	P	P	22 46 02.6	-1.1
N38A	Joess South For	55.59	66	P	P	22 46 03.5	-1.0
U33A	Lingo Farm, Me	55.69	73	P	P	22 46 03.7	-1.0
X31A	McDonald Ranch	55.67	76	P	P	22 46 04.3	-0.9
P37A	Lathrop	55.73	68	P			

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Makanchi Array, Guiyang, Vostochayna, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ODAN Odare, GUN Gumba, MHMT Maasirang, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KLR Kul'dur, YKA Yellowknife Ar, H11N2 WAKE ISLAND Hy, etc.

19D 22:39:46.3-0.9, 51.52Nk, 176.26W, h0km, mb4.0/18, mb1 4.2/19, mb1mx4.0/44, mb1mp4.0/19, ML4.0/1, Error ellipse: s-maj=26.0km s-min=11.1km az=159.0 NEIC 19 22:39:49.1, 51.07N, 176.14W, h27km, mb4.0/1, ML3.8(AEIC), After AEIC. ISCJB 19 22:39:50.1, 0.4, 51.17N, 176.10W, h47km, mb4.1/18, Error ellipse: s-maj=7.9km s-min=3.8km az=174.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagadak, etc.

IDC 19 22:46:47.3, 0.7, 51.26Nk, 176.19W, h0km, mb4.1/22, mb1 4.3/23, mb1mx4.2/37, mb1mp4.1/23, ML4.2/1, MS3.7/2, Ms1 3.7/2, ms1mx3.0/35, Error ellipse: s-maj=23.2km s-min=12.4km az=167.0 MOS 19 22:46:51.8, 0.8, 51.28Nk, 176.14W, h43km, mb4.7/22, Error ellipse: s-maj=11.3km s-min=8.1km az=93.8 NEIC 19 22:46:52.2, 51.17N, 176.17W, h28km, mb4.7/46, ML4.2(AEIC), After AEIC. ISCJB 19 22:46:53.0, 0.6, 51.26Nk, 176.17W, h0.03, h52km, 4km, mb4.5/51, MS3.9/1, Error ellipse: s-maj=10.2km s-min=3.4km az=172.1 BUJ 19 22:46:56.1, 52.03N, 176.57W, h56km, mb5.0/46, mb5.1/23, Ms4.7/13, Ms7 4.3/12 ISC 19 22:46:54.6, 1.0, 51.21Nk, 176.19W, h0.03, h50km, 8km, n205, r121/212, mb4.5/52, 8C-4D, Andreev Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagadak, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Black Hills, Lac du Bonnet, Torodi Arr, etc.

IDC 19 23:05:36.4,5,3,5,87S,151.20E,h83km,43km,mb3.3/4, mb1 3.6/5,mb1mx3.3/40,mbtmp3.8/5,ML2.4/1, Error ellipse: s-maj=87.0km s-min=32.0km az=132.0, New Britain region

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

MEX 19 23:05:55.8,0.7,16,29N,93.82W,h80km,11km,MD3.8, Chiapas

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

IDC 19 23:17:31.3,0.6,51.33N,176.23W,h0km,mb4.3/27, mb1 4.4/28,mb1mx4.3/60,mbtmp4.3/28,ML2.4/1,MS3.8/16, Ms1 3.8/16,ms1mx3.6/42, Error ellipse: s-maj=20.4km s-min=10.8km az=169.0

MOS 19 23:17:35.0,0.9,51.39N,176.19W,h35km,mb4.7/33, Error ellipse: s-maj=10.2km s-min=7.6km az=98.8

ISC/JB 19 23:17:36.4,0.3,51.27N,176.15W,h0.04,h47km, mb4.7/80,MS3.8/14, Error ellipse: s-maj=7.0km s-min=3.1km az=170.7

NEIC 19 23:17:37.9,0.6,51.37N,176.19W,h46km,4km,mb4.7/45, ML4.3(AEIC), Error ellipse: s-maj=10.3km s-min=3.5km az=173.0

ISC 19 23:17:38.0,0.5,51.26N,176.17W,h0.04,h47km, n214,σ1940/203,mb4.7/80,MS3.9/14,5C-1D,Andreanof Islands

Main table of station data for the left column, including stations like Kagalaska Isla, Great Sitkin C, Mount Adagadak, etc.

Main table of station data for the middle column, including stations like Seymchan, Coldwater, Dot Lake, Eagle, etc.

Main table of station data for the right column, including stations like Summit, Cedar Bluff, Zalesovo Beam, etc.

19d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TAPN, SUKH, GUN, MHMT, RAMN, KKN, PKI, PKIN, SRAK, DMN, UMPA, UTHA, KOLN, AKASG, TBI, GEYT, GEYT, KBZ, GERES, GERES, GERES, ZEI, RKT, WRA, WRA, WRA, ASAR, ASAR, ASAR, TORD, DBIC, DBIC, BOSA, BOSA, BOSA, NIED, ISCJB, IDC, NEIC, JMA, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV, TNA, MKAR, TKM2, AAK, WRA, COLA, BRVK, ILAR, ASAR, POHA, INK, ARU, RES, WMOK, TXAR, IDC, ISCJB, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

866

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BOSA, Boshof, IDC, ISCJB, NEIC, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

KIV	Kislodovsk comp=Z,7.9nm,1.0s	70.58 314	eP	P	23 56 45.0 -0.4
G36A	St. Michael baz=70	70.62 44	P	P	23 56 45.2 -0.3
KSCO	Kaye Shedlock' baz=70	70.64 53	P	P	23 56 45.9 -0.1
KBZ	Khabaz comp=Z,5.5nm,1.0s,baz=101,s,slow=4.8,SNR=7.0	70.65 314	P	P	23 56 45.4 -0.2
KBZ	comp=Z,40nm,18.5s,baz=99,slow=38		LR	LR	00 30 36.5
KBZ	Khabaz comp=Z,6.0nm,1.0s	70.65 314	P	P	23 56 45.4 -0.2
KBZ	comp=Z,40nm,18.5s		MLR	MLR	
ZEI	Tsey comp=Z,10.0nm,0.7s	70.84 313	eP	P	23 56 41.7 -5.5
M31A	Lambrecht Ranc baz=71	70.91 49	P	P	23 56 46.9 -0.4
L32A	Elgin baz=71	70.92 48	P	P	23 56 47.7 +0.2
T25A	Trinidad baz=71	70.99 56	P	P	23 56 48.4 +0.2
H36A	Jessenland, He baz=71,SNR=6.8	71.03 44	P	P	23 56 47.8 -0.2
Q28A	Sharon Springs baz=71	71.04 53	P	P	23 56 48.0 -0.3
I35A	Creekview Farm baz=71	71.06 45	P	P	23 56 48.0 -0.2
SPMN	St. Paul baz=71	71.07 43	P	P	23 56 48.0 -0.2
SPMN	St. Paul comp=Z,8.9nm,0.7s	71.07 43	eP	P	23 56 49.2 +0.9
L33A	Hoskins baz=71	71.18 48	P	P	23 56 49.0 +0.1
AKASG	Malin Array Be comp=Z,4.8nm,0.4s,baz=33,slow=5.9,SNR=27	71.22 326	P	P	23 56 47.7 -1.3
AKASG	Malin Array Be comp=Z,5.3nm,18.0s,baz=350,slow=38	71.22 326	P	P	23 56 47.7 -1.3
AKASG	comp=Z,5.0nm,0.4s		MLR	MLR	
KIEV	Kiev comp=Z,5.3nm,18.0s	71.23 326	P	P	23 56 48.1 -1.0
KIEV	comp=Z,9.0nm,1.3s	71.23 326	eP	P	23 56 48.1 -1.0
KIEV	comp=Z,11nm,1.2s	71.23 326	eP	P	23 56 48.2 -0.9
BGNE	Belgrade baz=71	71.28 49	P	P	23 56 49.7 +0.1
N31A	Bailey Ranch, baz=71	71.30 50	P	P	23 56 49.8 0.0
J35A	Milford baz=71	71.32 46	P	P	23 56 49.9 +0.1
ANMO	Albuquerque comp=Z,2.0nm,0.7s	71.37 59	eP	P	23 56 52.2 +1.7
ANMO	Albuquerque comp=Z,2.3nm,0.7s	71.37 59	eP	P	23 56 52.2 +1.7
ANMO	K34A Le Mars baz=71	71.38 47	eP	P	23 57 07.8 -0.1
I36A	Fitzsimmons Fa baz=71	71.41 45	P	P	23 56 50.4 +0.1
H37A	Dierke Farm, C baz=71	71.50 44	P	P	23 56 50.8 0.0
P30A	Selden baz=71	71.55 51	P	P	23 56 51.5 +0.3
R28A	Tribune baz=71	71.57 53	P	P	23 56 51.4 -0.1
O31A	Woolen Ranch, baz=71	71.59 50	P	P	23 56 51.4 -0.1
Q29A	Oakley baz=71	71.62 52	P	P	23 56 52.0 +0.2
I37A	Lemond, Waseca baz=71,SNR=12	71.70 44	P	P	23 56 52.0 -0.1
Y22D	IRIS PASSCAL I baz=72	71.71 60	P	P	23 56 53.0 +0.6
L34A	Seneca I, Swea baz=71	71.77 45	P	P	23 56 52.7 +0.3
J36A	Svensden Farm, baz=72	71.78 47	P	P	23 56 52.7 +0.2
K35A	Storm Lake baz=71	71.78 46	P	P	23 56 52.7 +0.1
R29A	Marienthal baz=72	71.88 53	P	P	23 56 53.4 +0.1
Q30A	Quinter baz=72	71.97 52	P	P	23 56 53.8 -0.1
M34A	Aspy Farms, Fr baz=72	72.01 48	P	P	23 56 54.3 +0.3
P31A	Stockton baz=72	72.02 51	P	P	23 56 54.6 +0.5
O32A	Grockman Farm, baz=72	72.06 50	P	P	23 56 54.2 -0.2
J37A	Redenius Farm, baz=72	72.16 45	P	P	23 56 54.7 -0.1
I38A	Scanlan Farm, baz=72,SNR=5.8	72.19 44	P	P	23 56 55.8 -0.2
CBKS	Cedar Bluff baz=72	72.35 52	P	P	23 56 55.8 -0.2
GNI	Garni comp=Z,80nm,1.4s	72.35 310	P	P	23 56 58.0 +1.8
P32A	Huiting Farm, baz=72	72.36 50	P	P	23 56 56.4 +0.3
Q31A	Elie baz=72	72.39 51	P	P	23 56 56.1 -0.2
ANN	Anapa comp=Z,7.8nm,0.7s,baz=300,slow=9.2,SNR=4.2	72.43 318	eP	P	23 56 53.0 -3.3
ANN	Alice Springs comp=Z,5.5nm,0.7s,baz=11,slow=5.8,SNR=4.5	72.79 199	eS	P	23 57 10.8 -3.0
ANN	comp=Z,4.2nm,0.8s,baz=12,slow=5.5,SNR=9.9		eS	S	00 06 09.6 -5.4
R30A	Dighton baz=72	72.44 52	P	P	23 56 56.9 +0.3
S29A	Ulysses baz=72	72.47 53	P	P	23 56 56.9 0.0
M35A	Neola baz=72	72.49 47	P	P	23 56 56.9 +0.1
K37A	Belmond baz=72	72.53 45	P	P	23 56 56.9 -0.1
N34A	Lincoln baz=72	72.55 48	P	P	23 56 57.3 +0.2
O33A	Hebron baz=72	72.56 50	P	P	23 56 57.3 +0.1
J38A	Wedel Dairy, R baz=72	72.67 44	P	P	23 56 57.9 0.0
T29A	Hugoton baz=72	72.71 54	P	P	23 56 58.5 +0.2
SCHQ	Schefferville comp=Z,12nm,1.0s,baz=27,slow=6.8,SNR=6.6	72.73 23	P	P	23 56 58.5 +0.5
SCHQ	comp=Z,12nm,1.0s,baz=27,slow=6.8,SNR=6.6		pP	P	23 57 14.1 -0.9
ASAR	comp=Z,7.8nm,0.7s,baz=300,slow=9.2,SNR=4.2		eP	P	23 56 59.8 +1.2
ASAR	comp=Z,5.5nm,0.7s,baz=11,slow=5.8,SNR=4.5		eS	P	23 57 15.2 -0.2
ASAR	comp=Z,4.2nm,0.8s,baz=12,slow=5.5,SNR=9.9		eS	P	23 56 59.8 +1.2
ASAR	comp=Z,4.2nm,0.8s,baz=12,slow=5.5,SNR=9.9		eP	P	23 57 15.3 -0.2
S30A	Montezuma baz=72	72.81 53	P	P	23 56 59.1 +0.2
Q32A	Meitler Ranch, baz=73	72.84 51	P	P	23 56 59.1 +0.1
O34A	Beatrice baz=73	72.93 49	P	P	23 56 59.7 +0.2
M36A	Felix, Anita baz=73	72.94 47	P	P	23 56 59.4 -0.2
L37A	Phoenix Point, baz=73	72.95 46	P	P	23 56 59.7 +0.1
N35A	Tabor baz=73	72.97 48	P	P	23 56 59.9 +0.2
T30A	Plains baz=73	73.20 53	P	P	23 57 01.6 +0.4
Q33A	Connelly Farm, baz=73	73.22 50	P	P	23 57 01.5 +0.3
O35A	Humboldt baz=73	73.27 48	P	P	23 57 01.7 +0.3
ISAD	Sadabad baz=73	73.30 299	eP	P	23 57 02.2 0.0
L38A	Oak Wood Farm, baz=73	73.33 45	P	P	23 57 01.6 -0.2
P34A	Walnut Farm, R baz=73	73.34 49	P	P	23 57 02.0 +0.1

SCIA	State Center comp=Z,23nm,0.7s	73.38 46	eP	P	23 57 03.4 +1.3
SCIA	Zefeh baz=73	73.41 301	eP	P	23 57 19.0 +0.9
IZEF	Koharahod baz=73	73.54 301	eP	P	23 57 02.9 +0.2
IKLH	Newby Ranch, P baz=73	73.59 52	P	P	23 57 04.1 +0.7
Q34A	Chapman baz=73	73.74 50	P	P	23 57 04.4 +0.1
N37A	Lee Faris, Mou baz=73	73.76 47	P	P	23 57 04.6 +0.3
M38A	Pleasantville baz=73	73.76 46	P	P	23 57 04.5 +0.2
KSU1	Kansas State U comp=Z,6.5nm,0.9s,baz=26,slow=5.7	73.78 50	P	P	23 57 04.7 +0.3
AMTX	Amarillo comp=Z,5.5nm,0.8s	74.14 56	eP	P	23 57 08.6 +1.9
AMTX	Ramesheh baz=74	74.15 300	eP	P	23 57 23.1 +1.5
IRAM	Muleshoe baz=74	74.19 57	P	P	23 57 06.8 -0.3
MSTX	Jenks baz=74	74.19 57	P	P	23 57 07.5 +0.4
N38A	Joos South For baz=74	74.22 46	P	P	23 57 07.3 +0.3
O37A	Wolven Farm, M baz=74	74.24 47	P	P	23 57 07.3 +0.2
Q35A	Mercer Eighty, baz=74	74.26 49	P	P	23 57 07.4 +0.2
MNTX	Cornudas Mount baz=74	74.31 60	P	P	23 57 08.7 +1.0
IPIR	Piripir baz=74	74.40 301	eP	P	23 57 09.1 +0.5
BSEG	Bad Segeberg comp=Z,6.5nm,0.9s,baz=26,slow=5.7	74.41 338	eP	P	23 57 08.2 +0.4
N39A	Derby Farms, D baz=74	74.51 46	P	P	23 57 08.8 +0.2
U32A	Winter Ranch, baz=74	74.53 53	P	P	23 57 09.2 +0.3
O38A	Hall baz=74	74.61 47	P	P	23 57 09.3 0.0
W31A	Holland Ranch, baz=75	74.89 54	P	P	23 57 11.7 +0.7
R36A	Gordon, Harris baz=75	74.94 49	P	P	23 57 11.7 +0.5
OJC	Ojcow comp=Z,10.0nm,1.1s	74.96 331	eP	P	23 57 11.1 0.0
OJC	Ojcow comp=Z,9.6nm,1.1s	74.96 331	eP	P	23 57 11.5 +0.2
P38A	Dawn baz=75	74.96 47	P	P	23 57 11.5 +0.2
U33A	Lingo Farm, Me baz=75	74.97 52	P	P	23 57 11.9 +0.5
V32A	Arapaho baz=75	74.99 53	P	P	23 57 11.9 +0.3
T34A	McClaskey Farm, baz=75	75.03 51	P	P	23 57 12.0 +0.2
Q37A	Longview Farm, baz=75	75.06 48	P	P	23 57 11.8 -0.1
STHS	Stebnicka Huta comp=Z,6.0nm,0.8s	75.16 330	eP	P	23 57 12.1 -0.2
STHS	Stebnicka Huta comp=Z,6.0nm,0.8s	75.16 330	eP	P	23 57 12.1 -0.2
KOLS	Kolonickie sedl comp=Z,9.0nm,1.2s	75.22 329	eP	P	23 57 12.3 -0.3
KOLS	Kolonickie sedl comp=Z,9.0nm,1.2s	75.22 329	eP	P	23 57 12.3 -0.3
BURAR	Bucovina Arad baz=75	75.26 327	P	P	23 57 12.3 -0.3
X31A	McDonald Ranch baz=75	75.28 55	P	P	23 57 13.8 +0.5
R37A	Teagarden Farm baz=75	75.29 49	P	P	23 57 13.5 +0.2
W32A	Sentinel baz=75	75.32 54	P	P	23 57 14.1 +0.6
V33A	Lossen Ranch, baz=75	75.33 53	P	P	23 57 14.1 +0.5
S36A	Lake Cedric, C baz=75	75.34 50	P	P	23 57 14.1 +0.5
Q38A	Cooks Store, C baz=75,SNR=5.5	75.42 48	P	P	23 57 14.1 +0.1
P39A	Salisbury baz=75	75.45 47	P	P	23 57 14.4 +0.3
T35A	Sooner Cattle baz=75	75.47 51	P	P	23 57 14.9 +0.6
UZH	Uzhgorod baz=75	75.47 329	eP	P	23 57 16.4 +2.4
NIE	Niedzica baz=75	75.48 331	eP	P	23 57 14.5 +0.4
NIE	Niedzica baz=75	75.48 331	eP	P	23 57 14.6 +0.4
KSP	Ksiaz baz=75	75.52 334	eP	P	23 57 14.3 0.0
Z30A	Sanderson Ranc baz=75	75.62 56	P	P	23 57 15.8 +0.5
Q39A	Willow Grove F baz=75	75.68 47	P	P	23 57 15.6 +0.2
T36A	Boogs Farm, Ca baz=75	75.69 51	P	P	23 57 15.7 +0.2
S37A	Fort Scott baz=75	75.71 49	P	P	23 57 15.9 +0.3
W33A	Caddo, Fort Co baz=75	75.73 53	P	P	23 57 16.1 +0.3
U35A	Pawnee baz=76	75.76 52	P	P	23 57 16.4 +0.5
NRDL	Niedersach Rie comp=Z,9.8nm,0.8s,baz=26,slow=5.7	75.77 338	eP	P	23 57 15.7 +0.1
R38A	Benwick Farm, baz=76	75.86 49	P	P	23 57 16.0 -0.5
WMOK	Wichita Mounta comp=Z,4.0nm,0.6s	75.86 54	eP	P	23 57 17.7 +1.1
WMOK	Wichita Mounta comp=Z,4.0nm,0.6s	75.86 54	eP	P	23 57 17.7 +1.1
WMOK	Ujice comp=Z,4.0nm,0.6s	75.90 334	eP	P	23 57 33.4 -0.8
UPC	Ujice comp=Z,4.0nm,0.6s	75.90 334	eP	P	23 57 33.4 -0.8
UPC	Dobruska-Polom comp=Z,4.0nm,0.6s	75.94 333	eP	P	23 57 17.7 +1.1
DPC	Dobruska-Polom comp=Z,4.0nm,0.6s	75.94 333	eP	P	23 57 17.7 +1.1
DPC	Dobruska-Polom comp=Z,4.0nm,0.6s	75.94 333	eP	P	23 57 17.7 +1.1
BANOM	Banah SNR=9.7	75.98 293	P	P	23 57 17.1 -0.3
LANS	Liptovska Anna baz=76	75.99 331	eP	P	23 57 17.5 +0.4
LANS	Liptovska Anna baz=76	75.99 331	eP	P	23 57 17.5 +0.4
ARCA	ARCALLIA baz=76	76.03 327	P	P	23 57 17.4 +0.1
W34A	Bride Creek, baz=76	76.05 53	P	P	23 57 17.8 +0.2
CLL	Collim comp=Z,17nm,0.9s	76.07 336	P	P	23 57 16.7 -0.7
CLL	Collim comp=Z,17nm,0.9s	76.07 336	P	P	23 57 16.7 -0.7
CLL	Collim comp=Z,17nm,0.9s	76.07 336	P	P	23 57 16.7 -0.7
CLL	Collim comp=Z,17nm,0.				

20d Oh

Table of astronomical observations for the 20-day period. Columns include Code, Station Name, Azimuth, Altitude, Opacity, Phase ID, Time, Res, and various flags. Includes entries for WHTX, 433A, 532A, etc.

2010 DEC

Table of astronomical observations for December 2010. Columns include Code, Station Name, Azimuth, Altitude, Opacity, Phase ID, Time, Res, and various flags. Includes entries for SPIA, KDAD, PETK, etc.

870

Table of astronomical observations for December 2010, continuing from the previous table. Columns include Code, Station Name, Azimuth, Altitude, Opacity, Phase ID, Time, Res, and various flags. Includes entries for ellipse, NAO, BER, etc.

Table with columns: APE, APEIRANTHOS, 1.83 193, P, Pn, 01 19 37.8 -1.3, SERG, SERGOLA, 3.16 263, P, Pn, 01 19 56.8 -0.6, MTTG, MOTTA SAN GIOV, 0.68 106, Pg, Pn, 01 44 43.0 +1.3

Table with columns: SERG, SERGOLA, 3.16 263, P, Pn, 01 19 56.8 -0.6, MTTG, MOTTA SAN GIOV, 0.68 106, Pg, Pn, 01 44 43.0 +1.3

Table with columns: MTTG, MOTTA SAN GIOV, 0.68 106, Pg, Pn, 01 44 43.0 +1.3, GIB, GIBILLMANNA, 0.69 253, Pg, Pn, 01 44 56.2 +0.1, MTTG, MOTTA SAN GIOV, 0.68 106, Pg, Pn, 01 44 43.0 +1.3

MEX 01:20:02.8:0.4, 14:56N-93:58W, h16km, 40km, MD4.2

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

MAN 01:30:42.9:16N:126:64E, h2km, mb4.7, ML3.6, MS3.5, 2C-2D, Mindanao

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

ISC/JB 01:44:22.3:0.4, 38:24N:0:07:14:89E:0:06, h124km, 4km, mb3.6/5, Error ellipse: s-maj=1.7km s-min=5.8km az=153.3

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

ISC 01:44:22.9:0.9, 38:20N:0:05:14.86E:0:04, h115km, 6km, n59, c19172, mb3.6/5, Sicily

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

NNC 01:58:03.3:3.0, 44:51N:84:11E, h0km, mb3.6, mpv3.3, 8C-10D, Northern Xinjiang

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

ISC 02:11:10.9:1.5, 54:98N:162:29E, h0km, mb3.5/8, mb1 3.7/9, mb1mx3.4/50, mbmtpp3.5/9, ML3.2/1, Error ellipse: s-maj=41.5km s-min=18.9km az=162.0

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

ISC 02:11:15.4:1.4, 54:52N:0:04:162.67E:0:07, h48km, 14km, n72, c1900/108, mb3.5/9, Near east coast of Kamchatka

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

Code	Station Name	A°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
KMNR	Kamenistaya	1.87	313	PN	Pn	02	11	45.0	0.0			
BZWR	Bezmyanniy-We	1.91	320	eP	Sn	02	12	07.7	+0.3			
LGNR	Loginova	1.93	325	eP	Sn	02	12	08.0	+0.3			
LGNR	Loginova	1.93	325	PN	Pn	02	12	08.0	+0.3			
KII	Karymskiy	1.95	257	eP	Sn	02	12	09.3	-0.1			
KII	Karymskiy	1.95	257	PN	Pn	02	12	09.3	-0.1			
KIRR	Kirishev	1.96	318	iP	Sn	02	11	45.9	-0.2			
KPT	Kopyto	2.02	317	eP	Sn	02	11	47.3	+0.3			
KPT	Kopyto	2.02	317	PN	Pn	02	11	47.3	+0.3			
KRSR	Krestovskiy	2.08	326	eP	Sn	02	11	47.5	-0.4			
KRSR	Krestovskiy	2.08	326	PN	Pn	02	11	47.5	-0.4			
SPN	Mys Shipunski	2.12	229	eP	Sn	02	11	47.4	-0.9			
SPN	Mys Shipunski	2.12	229	PN	Pn	02	11	47.4	-0.9			
KLY	Klyuchi	2.13	328	eP	Sn	02	11	47.9	-0.6			
SMKR	Semkarok	2.18	342	eP	Sn	02	11	50.7	+1.5			
SMKR	Semkarok	2.18	342	PN	Pn	02	11	50.7	+1.5			
BDR	Baidarinka	2.21	339	eP	Sn	02	11	50.2	+0.5			
BDR	Baidarinka	2.21	339	PN	Pn	02	11	50.2	+0.5			
KOZ	Kozyrevsk	2.22	315	eP	Sn	02	12	17.0	+1.1			
KOZ	Kozyrevsk	2.22	315	PN	Pn	02	12	17.0	+1.1			
SRKR	Sorokina	2.30	339	eP	Sn	02	11	51.5	+0.6			
SRKR	Sorokina	2.30	339	PN	Pn	02	11	51.5	+0.6			
SRKR	Sredinnyy	2.46	318	iP	Sn	02	11	52.6	-0.5			
SRKR	Sredinnyy	2.46	318	PN	Pn	02	11	52.6	-0.5			
SDLR	Sedlovina	2.52	242	iP	Sn	02	11	54.7	+0.2			
SDLR	Sedlovina	2.52	242	PN	Pn	02	11	54.7	+0.2			
SMAR	Somma	2.61	243	eP	Sn	02	12	24.8	+0.3			
SMAR	Somma	2.61	243	PN	Pn	02	12	24.8	+0.3			
UGLR	Uglovaya	2.63	242	eP	Sn	02	12	25.5	+0.5			
UGLR	Uglovaya	2.63	242	PN	Pn	02	12	25.5	+0.5			
AVH	Avacha	2.65	243	PN	Pn	02	12	56.0	+0.4			
AVH	Avacha	2.65	243	S	Sn	02	12	56.0	+0.4			
KRX	Arik	2.65	246	eP	Sn	02	11	56.1	+0.4			
KRX	Arik	2.65	246	PN	Pn	02	11	56.1	+0.4			
ESO	Esso	2.67	303	eP	Sn	02	12	27.1	0.0			
ESO	Esso	2.67	303	PN	Pn	02	12	27.1	0.0			
KOK	Koryaka	2.69	244	eP	Sn	02	11	56.7	+0.5			
KOK	Koryaka	2.69	244	PN	Pn	02	11	56.7	+0.5			
PET	Petropavlovsk	2.82	239	eP	Sn	02	11	58.4	+0.5			
PET	Petropavlovsk	2.82	239	PN	Pn	02	11	58.4	+0.5			
PET	Petropavlovsk	2.82	239	eP	PN	02	11	58.1	+0.2			
PET	Petropavlovsk	2.82	239	eP	PN	02	11	58.1	+0.2			
PET	comp=N,241nm,0.6s				smax	smax						
PET	comp=N,194nm,0.6s				smax	smax						
GNL	Ganally	2.90	255	eP	Pn	02	12	00.2	+1.0			
GNL	Ganally	2.90	255	PN	Pn	02	12	00.2	+1.0			
RUS	Russkaya	3.25	232	eP	Pn	02	12	04.5	+0.7			
RUS	Russkaya	3.25	232	PN	Pn	02	12	04.5	+0.7			
RUS	Russkaya	3.25	232	PN	Pn	02	12	04.5	+0.7			
RUS	Russkaya	3.25	232	PN	Pn	02	12	04.5	+0.7			
PETK	Petropavlovsk- comp=E,12nm,0.3s,baz=77,slow=18,SNR=96				Sn	02	12	44.8	+3.1			
PETK	Petropavlovsk- comp=E,5.6nm,0.3s,baz=34,slow=21,SNR=7.6				PN	02	12	04.8	+0.7			
PETK	Petropavlovsk- comp=Z,12nm,0.3s				pmax	pmax						
PETK	Petropavlovsk- comp=N,6.0nm,0.3s				smax	smax						
ASAK	Asacha	3.57	235	eP	Pn	02	12	09.3	+1.0			
APC	Apacha	3.64	246	eP	Pn	02	12	09.7	+0.5			
APC	Apacha	3.64	246	PN	Pn	02	12	09.7	+0.5			
APC	Apacha	3.64	246	PN	Pn	02	12	09.7	+0.5			
PAU	Pauzhetka	4.68	232	eP	Pn	02	12	25.6	+2.2			
PAU	Pauzhetka	4.68	232	PN	Pn	02	12	25.6	+2.2			
OSSR	Ossora	4.75	2	eP	Pn	02	12	26.5	+2.2			
ILAR	Eielson Array	26.72	47	P	P	02	16	49.2	-1.0			
H11N2	WAKE ISLAND Hy 34.89 173 T				T	02	55	23.8				
H11N3	WAKE ISLAND Hy 34.89 173 T				T	02	55	28.7				
H11N1	WAKE ISLAND Hy 34.90 173 T				T	02	55	28.8				
H11S1	WAKE ISLAND Hy 36.08 173 T				T	02	56	54.0				
H11S3	WAKE ISLAND Hy 36.09 173 T				T	02	56	53.5				
H11S2	WAKE ISLAND Hy 36.10 173 T				T	02	56	59.3				
YKA	Yellowknife Ar	41.07	45	P	P	02	18	54.9	+1.1			
KURK	Kurchatov	48.27	302	P	P	02	19	50.2	-1.0			
KURK	Kurchatov	48.27	302	P	pmax							
KURB	Kurchatov Ar	48.38	302	P	P	02	19	50.2	-1.9			
MKAR	Makanchi Array	49.1	296	P	P	02	19	53.6	-2.7			
FINES	FINESS Array B	59.40	337	P	P	02	21	11.9	-0.4			
FINES	FINESS Array B	59.40	337	P	pmax							
FINES	FINESS Array B	59.40	337	P	pmax							
AKASG	Malin Array Be	68.16	330	P	P	02	22	09.5	-0.5			
AKASG	Malin Array Be	68.16	330	P	pmax							
AKASG	Malin Array Be	68.16	330	P	pmax							
TXAR	Lajitas Array	66.69	69	P	P	02	22	16.3	+2.4			
BRTR	Keskin Array B	76.47	322	P	P	02	22	59.4	-0.6			

IDC 20 02:18:08.6.9, 18'445x178'93W, h624km, 81km, mb2.8/5, mb1.3.1/5, mb1mx2.8/29, mbtm3/8.5, Error ellipse: s-maj=54.8km s-min=35.0km az=152.0, Fiji Islands region

Code	Station Name	A°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
STKA	Stephens Creek	37.94	242	P	P	02	24	35.8	+0.5			
WRA	Warranunga Arr	44.05	260	P	P	02	25	23.4	-0.2			
ASAR	Alice Springs	44.17	255	P	P	02	25	24.4	-0.2			
TXAR	Lajitas Array	66.70	59	P	P	02	29	48.9	+0.5			
PDAR	Pinedale Array	88.08	44	P	P	02	29	53.8	-0.9			
ARCS	ARCCESS Array B	126.75	350	PKP	PKP	02	36	01.2	-0.8			
BRTR	Keskin Array B	144.80	314	PKP	PKP	02	36	36.1	-0.3			
GERES	GERESS Array B	147.99	344	PKP	PKP	02	36	45.4	0.0			
TORD	Torodi Ar. Bea	174.70	187	PKP	PKP	02	38	46.8	-0.6			

KRSK 20 02:19:03.2.0.7, 56'16Nx162'57E, h50km, 10km, ML4.0,

Near east coast of Kamchatka Peninsula

Code	Station Name	A°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
Code	Station Name	A°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
SMKR	Semkarogovo	0.15	69	iP	Pn	02	19	11.5	+0.3			
SMKR	Semkarogovo	0.15	69	PN	Pn	02	19	11.5	+0.3			
BDR	Baidarinka	0.86	299	iP	Pn	02	19	28.0	-0.2			
BDR	Baidarinka	0.86	299	PN	Pn	02	19	28.0	-0.2			
SRKR	Sorokina	0.93	303	iP	Pn	02	19	21.0	+1.0			
SRKR	Sorokina	0.93	303	PN	Pn	02	19	21.0	+1.0			
ZLN	Zelenaya	1.00	263	eP	Sn	02	19	22.6	+1.6			
ZLN	Zelenaya	1.00	263	PN	Pn	02	19	22.6	+1.6			
CHRR	Tsirk	1.02	269	eP	Sn	02	19	21.1	-0.3			
CHRR	Tsirk	1.02	269	PN	Pn	02	19	21.1	-0.3			
LGNR	Loginova	1.05	267	eP	Sn	02	19	23.2	+1.2			
LGNR	Loginova	1.05	267	PN	Pn	02	19	23.2	+1.2			
KLK	Klyuchi	1.08	279	iP	Sn	02	19	36.9	+1.0			
KLK	Klyuchi	1.08	279	PN	Pn	02	19	36.9	+1.0			
KLY	Klyuchi	1.08	279	iP	Sn	02	19	36.9	+1.0			
KLY	Klyuchi	1.08	279	PN	Pn	02	19	36.9	+1.0			
KRSR	Krestovskiy	1.12	274	eP	Sn	02	19	23.6	+0.9			
KRSR	Krestovskiy	1.12	274	PN	Pn	02	19	23.6	+0.9			
BZWR	Bezmyanniy-We	1.18	262	eP	Sn	02	19					

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like GONE, AYDN, EZN, SGR, etc.

GUC 20 03:49:45.1,0.6,2078S:68.90W,h106km,56km,ML3.5,9C, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PBO1, HMBC, PB11, etc.

H11N2 WAKE ISLAND Hy 40.06 72 T

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like H11N3, SONM, STKA, etc.

IDC 20 03:45:25.7,1.7,51.86N:176.76W,h0km,mb3.4/8, mb1 3.7/9,mb1mx3.5/34,mbtmp3.5/9,ML3.6/1, Error ellipse: s-maj=52.0km s-min=21.4km az=177.0

ISCJB 20 03:45:29.7,1.0,51.3N:0.1:176.21W,0.06,h63km,8km, mb3.5/7, Error ellipse: s-maj=18.6km s-min=5.3km az=170.1

NEIC 20 03:45:29.6,5.1:26N:176.18W,h26km,ML3.7(AEIC), After AEIC

ISC 20 03:45:30.3,1.8,51.3N:0.1:176.25W,0.04,h51km,14km, n36, r143/37,mb3.5/7, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ETKA, GSKC, ADAG, etc.

MEX 20 04:11:24.5,0.7,17.28N:94.88W,h36km,8km,MD4.1, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMIG, VHO, PCIG, etc.

AUST 20 04:11:17.0,0.9:8S:134.50E,h300km

ISCJB 20 04:12:07.3,1.1,5:51S:0.07:131.9E:0.2,h10km,mb3.8/1, Error ellipse: s-maj=26.4km s-min=8.6km az=167.7

IDC 20 04:12:08.6,2.1,5.43S:131.52E,h0km,mb3.8/1, mb1 3.9/5,mb1mx3.6/36,mbtmp3.8/5,ML3.8/4, Error ellipse: s-maj=99.6km s-min=24.5km az=84.0

ISC 20 04:12:08.0,1.0,5.46S:0.07:131.8E:0.1,h10km,n10, c358/10, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BNDI, SJI, KDU, etc.

IDC 20 04:14:16.9,2.3,32.36S:179.44W,h0km,mb3.9/2, mb1 4.1/2,mb1mx3.7/39,mbtmp3.9/2, Error ellipse: s-maj=82.6km s-min=50.4km az=17.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ASAR, WRA, FINES, etc.

MAN 20 04:17:27,10.36N:126.36E,h1km,mb5.0,ML4.0,MS4.1

IDC 20 04:17:37.5,3.2,10.31N:126.22E,h107km,29km, mb3.7/9,mb1 3.9/20,mb1mx3.7/44,mbtmp3.2/20,MS3.6/1, Ms1 3.6/1,ms1mx2.7/49, Error ellipse: s-maj=28.2km s-min=12.3km az=68.0

ISC 20 04:17:26.1,2.0,10.42N:0.005:126.44E:0.06,h8km,12km, n40, r154/36,mb4.1/19,3C-4D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SCPH, MSLP, PLP, etc.

ISCJ 20 04:21:25.7,0.4,24.32N:122.122E:0.01,h8km,3km, Error ellipse: s-maj=3.0km s-min=2.1km az=156.4

TAP 20 04:21:26.4,2.4:36N:122.05E,h15km,1km,ML3.7,D JMA 20 04:21:26.5,0.1,24.29N:122.02E,h33km,3km, M3.1

ISC 20 04:21:26.1,0.9,24.31N:0.02:122.08E:0.02,h16km,8km, n54, c076/99,7C-1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ENA, TWC, TWD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELDTW Lidau, IRIF Iriomote-Funau, WKG Gukeng, etc.

AUST 00 04:27:17.1, 12.28N:126.19E, h10km
NEIC 20 04:27:33.0, 0.3, 10.40N:126.16E, h10km, mb4.7/13, Error ellipse: s-maj=13.9km s-min=5.9km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSLP Maasin, BUTP Butuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNRA Kununurra, SUKH Sukhothai, KSAR Wunjuj Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINES Array B, EIL Elat, AKASO Malin Array Be, etc.

IDC 20 04:39:27.4, 1.1, 10.40N:126.29E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.7/45, mbtmp3.9/10, Error ellipse: s-maj=58.9km s-min=19.2km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSLP Maasin, BUTP Butuan, etc.

20d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUKP Musuan, DCPH Dipolog City, KSRs Korea Arr, etc.

ISC/JB 20 04:52:12.9,0.4,24.32N,0.102,122.13E,0.02,h8km,3km, Error ellipse: s-maj=3.1km s-min=2.3km az=161.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EHP Heping Village, ENA Nanau, ENA, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCU Taichung, PCYT Pengchayui, YUS Yu-Shan, etc.

IDC 20 05:29:33.4,3.7,16.46S,174.77W,h283km,36km, mb3.2/3,mb1 3.4/4,mb1mx3.0/44,mbtmp3.8/4, Error ellipse: s-maj=261.5km s-min=25.1km az=141.0, Tonga

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

GUC 20 05:45:04.4,0.7,22.58S,68.633W,h120km,10km,ML3.5, 6C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB04 IPOC Station P, etc.

ISC/JB 20 05:58:10.6,0.7,37.58N,0.05:35.65E,0.03,h5km,7km, Error ellipse: s-maj=8.0km s-min=3.9km az=174.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, AKO Adana, CEYT Ceyhan, etc.

876

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GULE Gulek, DED Mersin, DED Kahramanmara, etc.

ISK 20 06:04:52.8,36.363N,27.80E,h22km,MD2.9 DDA 20 06:04:52.2,36.32N,27.79E,h46km,MD2.7

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

IDC 20 06:16:06.9,1.0,0.55S,127.72E,h0km,mb3.8/6, mb1 3.9/8,mb1mx3.7/37,mbtmp3.8/8,ML3.4/2,MS2.9/5, Ms1 2.9/5,ms1mx2.5/41, Error ellipse: s-maj=29.1km s-min=13.3km az=63.0

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

TORD Torodi Ar. Bea 125.19 286 PKP PKPdf 06 35 09.8 -0.2
0.4nm,0.7s,baz=47,slow=2.0,SNR=3.0

DDA 20 06:22:25.5,36°12'N,35°81'E,h3km,Md3.5
ISK 20 06:22:26.5,36°17'N,35°91'E,h18km,MD3.3
ISCJB 20 06:22:26.8,0.4,36°18'N,0.01,35°85E,0.02,h13km,3km,
Error ellipse: s-maj=3.4km s-min=2.3km az=165.4
CSEM 20 06:22:26.9,0.1,36°18'N,35°87'E,h12km,MD3.5,Error
ellipse: s-maj=3.6km s-min=2.5km az=73.0
NSSC 20 06:22:26.5,1.5,36°20'N,35°86E,h9km,4km,ML3.0
GRAL 20 06:22:28.1,1.8,36°16'N,35°95E,h2km,14km,MD3.5
ISC 20 06:22:26.7,0.9,36°18'N,0.02,35°85E,0.02,h12km,7km,
n69,c080/17,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like YAYL, ARNB, TAHT, etc.

Table with columns: GULA, Gulagac, 2.51 330 ePN Pn, 06 23 08.6 +1.1, etc.

IDC 20 06:36:53.2,2.5,28°32'N,59°01'E,h0km,mb3.7/5,
mb1 3.7/6,mb1mx3.3/40,mbtmp3.7/6,ML3.6/1,MS2.9/1,
Ms1 2.9/1,ms1mx2.3/35,Error ellipse: s-maj=64.4km
s-min=27.4km az=145.0
CSEM 20 06:36:58.4,0.4,28°59'N,59°11'E,h5km,ML3.8,Error
ellipse: s-maj=6.5km s-min=6km az=157.0
TEH 20 06:36:58.0,28°52'N,59°12'E,h16km,ML3.8
ISC 20 06:36:55.8,0.8,28°36'N,0.05,59°02E,0.04,h10km,n42,
c152/44,mb3.8,5,2C,Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ZHFS, ZHSE, CHMN, etc.

IDC 20 06:37:33.5,2.4,54°17'N,86°30'E,h0km,mb1 2.8/2,
mb1mx2.8/35,mbtmp2.8/2,ML2.8/2,Error ellipse:
s-maj=19.2km s-min=12.2km az=57.0,Southwestern
Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like I46RU, ZALV, ZALV, etc.

Table with columns: YAYL, Yayladag, 0.23 126 iP Pp, 06 20 23.2 -0.5, etc.

IDC 20 07:49:05.1,2.1,39°63'N,30°00'W,h0km,mb3.7/6,
mb1 3.9/6,mb1mx3.5/42,mbtmp3.7/6,MS2.8/1,Ms1 2.9/1,
ms1mx2.5/33,Error ellipse: s-maj=44.7km s-min=23.2km
az=20.0
CSEM 20 07:49:07.8,39°63'N,29°56'W,h10km,ML3.4,After PDA
PDA 20 07:49:07.8,1.0,39°63'N,29°56'W,h10km,MD3.7,ML3.4,
Error ellipse: s-maj=10.6km s-min=7.1km az=62.0
ISC 20 07:49:04.5,1.9,39°60'N,0°09'29'W,0.1,h14km,11km,
n24,c0927/29,mb3.6/S,Azores Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like PCED, CALA, CALA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, RAMN Ramite, VOSK Vostochayna, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like VSR, LPSR, SONM, ULN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KRSR, TIXI, USRK, etc.

ISK 20 10:58:02.3, 39°09'N-33°06'E, h4km, MD2.5
ISCJB 20 10:58:03.4, 39°08'N-33°05'E, h0km, Error
CSEM 20 10:58:03.1, 39°08'N-33°06'E, h1km, MD2.5, Error
explosion.
DDA 20 10:58:04.1, 39°08'N-33°05'E, h9km, MD2.7
ISC 20 10:58:03.1, 39°08'N-33°05'E, h0km, n18,
a0555/27, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LOD Lodumli, AFSR Af ar-Bala, etc.

20d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CALA Horta, ROSA Rosais, PGRA Graciosa, etc.

CSEM 20 11:23:09.4, 39:56N:29:55W, h10km, ML3.3, After PDA

PDA 20 11:23:09.4, 1, 2, 39:56N:29:55W, h10km, MD3.6, ML3.3, Error ellipse: s-maj=9.2km s-min=4.6km az=38.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, ROSA Rosais, etc.

IDC 20 11:26:38.0, 9.0, 31.10S:71.33W, h51km, 6km, mb3.7/4, mb1.3/8.7, mb1mx3.6/20, mbtmp3.9/7, MS3.1/4, Ms1.3/1.4, ms1mx2.9/17, Error ellipse: s-maj=24.4km s-min=20.3km az=117.0

ISCJB 20 11:26:39.0, 4.0, 7.0:30:84S:0:02:71.5W:0.1, h65km, 7km, mb3.8/4, Error ellipse: s-maj=14.9km s-min=4.1km az=1.9

GUC 20 11:26:39.0, 4.0, 7.0:30:88S:71.34W, h36km, 3km, ML3.4

ISC 20 11:26:39.0, 4.0, 30:84S:0:04:71.48W:0.08, h51km, 6km, n32, r131/37, mb3.8/4, 3C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLL Tololo Astrono, LSCH La Serena, ROCH El Roble, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BER Bergen, ODD1 Odda, BLS5 Blasjo, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EHY Hungye, YOJ Yonaguni jima, SMLT Sun Moon Lake, etc.

ADC 20 14:48:22.7-1.8, 23.365x179.38W, h433km, 1.9km, mb3.6/15, mb1 3.8/16, mb1mx3.6/39, mbtmp4.4/16, Error ellipse: s-maj=15.4km s-min=12.7km az=135.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, AFI Afiamatu, URZ Urewera, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MEEK Meekatharra, BLDU Balidu, MORW Morawa, etc.

IDC 20 14:57:47.6: 1.7, 8.42S, 124.46E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.5/30, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=122.3km s-min=26.2km az=65.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, MMRI Maumere, MTN Manton Dam, etc.

ISCBJ 20 15:15:06.2-0.3, 101.11N, 0.03-104.00W, 0.03, h10km, mb5.4/197, MS5.5/348, Error ellipse: s-maj=4.5km

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLUG Tiapa, MOIG Moidia, HOES1 SOCORRO T, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JTS JuntasAbangare, JTS JuntasAbangare, JTS JuntasAbangare, etc.

20d 15h

ABTX	baz=23,SNR=14 Abilene, Hawle comp-Z,427nm,1.5s	22.77	10	eP	P	15 20 10.7	-0.9
ABTX	LR						
CPRX	comp-Z,65um,18.0s Cap Rock	22.81	0	eP	P	15 20 11.4	-0.7
236A	comp-Z,41nm,1.5s Katherine and baz=23,SNR=23	22.86	17	P	P	15 20 12.2	-0.3
339A	baz=23,SNR=9.7 Huntington	22.88	21	P	P	15 20 12.2	-0.4
133A	comp-Z,144nm,1.4s Hamilton Ranch baz=23,SNR=14	22.88	11	P	P	15 20 11.9	-0.8
TUC	comp-Z,144nm,1.4s Tucson	22.96	345	eP	Pmax	15 20 12.1	-1.5
TUC	MLR						
TUC	comp-Z,9um,22.0s Tucson	22.96	345	eP	P	15 20 12.1	-1.5
TUC	comp-Z,144nm,1.4s						
134A	comp-Z,9um,22.0s White Moore Ra baz=23	23.02	13	P	P	15 20 13.6	-0.6
237A	baz=23 Washetta, Mont	23.07	18	P	P	15 20 14.3	-0.4
135A	baz=23 Vickery Place,	23.16	14	P	P	15 20 14.5	-1.1
340A	baz=23,SNR=5.3 Bronson	23.19	22	P	P	15 20 15.1	-0.8
214A	baz=23,SNR=10 Organ Pipe Nat	23.21	341	eP	P	15 20 16.2	+0.1
214A	comp-Z,563nm,1.7s Organ Pipe Nat	23.21	341	eP	P	15 20 16.0	-0.1
Z30A	baz=23,SNR=11 Sanderson Ranch	23.22	6	P	P	15 20 15.1	-1.2
NATX	baz=23,SNR=8.4 Nacogdoches	23.23	21	eP	P	15 20 15.2	-1.1
NATX	comp-Z,466nm,1.3s Nacogdoches	23.23	21	eP	P	15 20 15.9	-0.3
NATX	LR						
238A	comp-Z,11um,19.0s Jacksonville	23.29	19	P	P	15 20 17.0	0.0
136A	baz=23,SNR=12 Ennis	23.31	16	P	P	15 20 16.3	-0.8
Z31A	baz=23,SNR=5.9 Sharp Cattle R	23.37	8	P	P	15 20 16.4	-1.3
Z32A	baz=23,SNR=31 Haskell	23.46	10	P	P	15 20 18.1	-0.6
239A	baz=24,SNR=43 Gary	23.53	21	P	P	15 20 18.5	-0.7
Z34A	baz=24,SNR=5.6 Whitaker Ranch	23.57	11	P	P	15 20 19.0	-0.6
137A	baz=24,SNR=27 Heron Place, G	23.64	18	P	P	15 20 20.1	-0.3
MSTX	baz=24,SNR=11 Muleshoe	23.77	3	P	P	15 20 20.9	-0.9
MSTX	baz=24,SNR=21 Muleshoe	23.77	3	eP	P	15 20 20.2	-1.6
MSTX	comp-Z,824nm,1.8s						
MSTX	LR						
Z30A	comp-Z,58um,19.0s Collier Ranch,	23.82	13	P	P	15 20 21.2	-1.0
Y30A	baz=24,SNR=9.9 Stafford Catt	23.83	6	P	P	15 20 21.3	-0.9
BCIP	baz=24,SNR=7.1 Isa Barro Col	23.87	90	P	P	15 20 21.2	-1.5
BCIP	comp-Z,2um,2.5s						
138A	comp-Z,32um,21.0s Matatal Enter	23.91	19	P	P	15 20 22.7	-0.2
Z35A	baz=24,SNR=6.1 Perchaven, San	23.93	14	P	P	15 20 21.8	-1.4
Y31A	baz=24 Rieketa Farm,	23.99	8	P	P	15 20 22.8	-0.9
Y22D	baz=24,SNR=31 IRIS PASSCAL I	24.00	354	P	P	15 20 23.5	-0.5
Y22D	baz=24 IRIS PASSCAL I	24.00	354	PFAKE	P	15 20 30.0	+6.0
Y22D	LR						
BNM	comp-Z,20um,21.0s Barren Site	24.05	355	eP	P	15 20 23.8	-0.7
Z36A	baz=24,SNR=11 Blue Ridge	24.09	16	P	P	15 20 23.7	-0.9
Y32A	baz=24,SNR=11 R-V Farms, Ver	24.15	9	P	P	15 20 24.4	-0.8
139A	baz=24,SNR=9.5 Bunkhouse Ranc	24.16	20	P	P	15 20 24.4	-0.9
LPM	baz=24 Los Pinos Moun	24.20	355	eP	P	15 20 24.7	-1.2
Z37A	baz=24,SNR=13 Pogue Cattle C	24.25	17	P	P	15 20 26.0	-0.1
Y33A	baz=24,SNR=18 Hilltop Ranch,	24.30	11	P	P	15 20 26.0	-0.5
LAZ	baz=24,SNR=13 Ladron	24.34	354	eP	P	15 20 26.8	-0.4
X30A	baz=24,SNR=13 Coker Ranch, T	24.39	6	P	P	15 20 26.1	-1.3
Y34A	baz=24,SNR=20 Reagan Ranch,	24.42	13	P	P	15 20 26.4	-1.3
Z38A	baz=24 Mt. Pleasant	24.49	19	P	P	15 20 26.6	-1.6
Y35A	baz=25,SNR=8.0 Marietta	24.54	14	P	P	15 20 28.3	-0.4
X32A	baz=25,SNR=22 Elmer	24.58	9	P	P	15 20 28.8	-0.3
X31A	baz=25,SNR=31 McDonald Ranch	24.68	8	P	P	15 20 30.0	-0.1
Y36A	baz=25,SNR=13 Durant	24.72	16	P	P	15 20 29.8	-0.5
Z39A	baz=25,SNR=13 Irene McRaven,	24.74	20	P	P	15 20 29.6	-1.0
AMTX	baz=25 Amarillo	24.75	5	P	P	15 20 29.7	-1.1
AMTX	comp-Z,905nm,1.2s	24.75	5	P	P	15 20 28.0	-2.7
AMTX	LR						
ANMO	comp-Z,41um,19.0s Albuquerque	24.82	355	P	P	15 20 30.6	-0.9
ANMO	comp-Z,31nm,1.1s, baz=169,slow=9,SNR=24					15 24 54.5	+0.8
ANMO	comp-Z,0.5nm,0.5s, baz=86,slow=16,SNR=1.6					15 30 25.1	
ANMO	LR						
ANMO	comp-Z,13um,18.7s, baz=178,slow=57					15 20 30.9	-0.6
ANMO	comp-Z,13um,18.7s, baz=178,slow=57	24.82	355	eP	Pmax	15 20 30.9	-0.6
ANMO	LR						
ANMO	comp-Z,49nm,1.2s Albuquerque	24.82	355	eP	P	15 20 29.6	-1.9
ANMO	comp-Z,93nm,1.4s					15 24 54.5	+0.8
X33A	Lawton	24.84	11	P	S	15 20 30.2	-1.2
GLA	baz=25 Glamis	24.91	338	P	P	15 20 32.1	-0.1
Y37A	baz=25,SNR=11 Hugo	24.98	17	P	P	15 20 32.6	0.0
WMOK	comp-Z,185nm,1.6s Wichita Mounta	24.98	10	eP	Pmax	15 20 31.0	-1.7
WMOK	MLR						
WMOK	comp-Z,43um,19.0s Wichita Mounta	24.98	10	eP	P	15 20 31.0	-1.7
WMOK	comp-Z,185nm,1.6s						
X35A	comp-Z,43um,19.0s Drake	25.02	14	P	P	15 20 32.5	-0.6
X34A	baz=25,SNR=21 Smith Ranch, M	25.03	12	P	P	15 20 33.3	+0.2
IBP	baz=25,SNR=25 Imperial Bould	25.05	335	P	P	15 20 33.6	+0.1
W30A	baz=25 Crocket Farms	25.15	7	P	P	15 20 34.0	-0.4
SWSC	baz=25 Sam W. Stewart	25.18	336	P	P	15 20 34.5	0.0
Y38A	baz=25 Idabel	25.19	18	P	P	15 20 34.2	-0.4
W31A	baz=25,SNR=12 Holland Ranch,	25.24	8	P	P	15 20 34.7	-0.4
W32A	baz=25,SNR=10 Sentinel	25.28	9	P	P	15 20 34.5	-0.9
VBMS	baz=25,SNR=10 Vicksburg	25.30	28	P	P	15 20 34.5	-1.1
VBMS	baz=25 Vicksburg	25.30	28	PFAKE	P	15 20 50.0	+1.4
BAR	comp-Z,5um,21.0s Barrett	25.31	334	eP	P	15 20 37.7	+2.0
BAR	comp-Z,86nm,1.4s						
BAR	LR						

2010 DEC

X36A	Centrahoma baz=25,SNR=21	25.34	15	P	P	15 20 36.1	+0.1
Y39A	Lockesburg	25.41	20	P	P	15 20 36.1	-0.4
Y12C	baz=25 Blythe	25.43	339	P	P	15 20 37.7	+1.0
W18A	Petrified Fort baz=26,SNR=6.4	25.43	349	P	P	15 20 37.0	0.0
W18A	Petrified Fort comp-Z,193nm,1.5s	25.43	349	eP	P	15 20 36.0	-1.0
W18A	LR						
W33A	comp-Z,8um,20.0s Caddo, Fort Co	25.44	11	P	P	15 20 36.6	-0.3
EML	baz=26,SNR=16 El Monte City P	25.57	334	eP	P	15 24 08.1	-1.1
X37A	Clayton	25.62	17	P	P	15 20 38.0	-0.5
W34A	Bridge Creek, baz=26	25.65	12	P	P	15 20 38.4	-0.4
W34A	Bridge Creek, comp-Z,382nm,1.8s	25.65	12	eP	P	15 20 38.5	-0.4
W34A	LR						
109C	comp-Z,43um,18.0s Camp Elliot, M	25.68	334	P	P	15 20 39.2	+0.1
BC3	baz=26 Big Chuckawall	25.68	338	P	P	15 20 39.3	+0.1
V30A	baz=26,SNR=13 Spi Ranch, Mi	25.71	6	P	P	15 20 38.9	-0.5
W35A	baz=26 Tecumseh	25.77	14	P	P	15 20 39.3	-0.6
V31A	baz=26,SNR=10.0 Spring Creek L	25.83	8	P	P	15 20 40.3	-0.1
X38A	Whitesboro baz=26,SNR=34	25.85	18	P	P	15 20 40.5	-0.2
V32A	Arapaho	25.89	9	P	P	15 20 40.1	-0.9
W36A	baz=26,SNR=7.4 Wetumka	25.91	15	P	P	15 20 40.5	-0.7
IRM	Iron Mountain baz=26,SNR=16	26.02	339	P	P	15 20 42.4	+0.2
PFO	Pinyon Flat Ob comp-Z,19nm,1.1s, baz=166,slow=5.4,SNR=7.2	26.03	336	P	S	15 25 12.1	-1.2
PFO	S					15 25 12.2	-0.5
PFO	comp-Z,2.0nm,0.6s, baz=97,slow=19,SNR=2.4					15 29 02.8	
PFO	LR						
PFO	comp-Z,18.7s, baz=142,slow=32					15 20 42.4	0.0
PFO	Pinyon Flat Ob	26.03	336	eP	P	15 25 12.3	-0.5
PFO	S						
PFO	Pmax						
PFO	comp-Z,71nm,1.4s Pinyon Flat Ob	26.03	336	P	P	15 20 42.4	0.0
PFO	LR						
PFO	baz=26 Pinyon Flat Ob	26.03	336	eP	P	15 20 42.4	0.0
PFO	comp-Z,72nm,1.4s					15 25 12.2	-0.5
PFO	S					15 27 48.6	-0.9
PFO	ScP					15 20 42.1	-0.8
BRAL	Brewton	26.10	35	P	P	15 20 42.1	-0.8
BRAL	LR						
V33A	comp-Z,3um,22.0s Lossen Ranch,	26.12	11	P	P	15 20 43.2	+0.1
MIAR	baz=26,SNR=11 Mount Ida	26.14	20	eP	Pmax	15 20 42.2	-1.0
MIAR	comp-Z,90nm,1.1s	26.14	20	P	P	15 20 42.5	-0.7
MIAR	LR						
MIAR	comp-Z,12um,20.0s Wupatki	26.16	346	P	P	15 20 43.4	-0.2
WUAZ	baz=26	26.16	346	eP	P	15 20 42.7	-1.0
WUAZ	comp-Z,83nm,1.1s	26.16	346	eP	P	15 20 42.7	-1.0
WUAZ	LR						
WUAZ	comp-Z,8um,21.0s Belle Mtn, Jos	26.19	337	P	P	15 20 44.7	+0.8
BELC	baz=26,SNR=8.7 Guthrie	26.28	12	P	P	15 20 44.1	-0.4
V34A	baz=26,SNR=8.9 Guthrie	26.28	12	eP	P	15 20 42.6	-1.9
V34A	comp-Z,340nm,1.5s						
V34A	LR						
W38A	comp-Z,32um,19.0s Poteau	26.32	18	P	P	15 20 44.1	-0.8
MURC	baz=26 Murieta	26.32	335	P	P	15 20 45.4	+0.4
U29A	baz=26 Oasis Ranch, S	26.34	5	P	P	15 20 44.2	-1.0
V35A	baz=26 Meyer Ranch, C	26.36	13	P	P	15 20 44.8	-0.4
SCI	baz=26 San Clemente I	26.40	332	P	P	15	

Table with columns for station name, frequency, power, and other technical details. Includes stations like PET, PEAO, PETK, SEY, PGAV, PCAS, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KIV Kislovodsk, ABKAR Kurchatov, HHC Tennant Creek, CSS Prodhromos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KSH Chengdu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JMA 15:27:31.0, JMA 15:27:29.0, JMA 15:27:29.0, etc.

NIED 20 15:27:00, 33.30N, 141.00E, h62km, Mw3.7 Best double couple: M=4.24000x1014 N1P1=213.00000, 354.00000, 1.61.00000, NP2=315.00000, 875.00000, 1.38.00000. IDC 20 15:27:30, 1.3, 4, 33.26N, 141.1, 1E, h36km, 3.9M, mb3.9/2, mb1.4/0.6, mb1mx3.4/4.8, mbtmp4.1/6, ML 3.4/4, Error ellipse: s-maj=27.9km s-min=21.9km az=80.0

ISCJB 20 15:40:32.4, 39.89N, 33.09E, h5km, MD2.8 Error ellipse: s-maj=5.8km s-min=4.3km az=158.7 CSEM 20 15:40:32.0, 39.89N, 33.12E, h10km, MD2.6, Error ellipse: s-maj=5.3km s-min=3.9km az=67.0 DDA 20 15:40:33.1, 39.89N, 33.13E, h7km, MD2.6 ISC 20 15:40:32.7, 3, 39.88N, 0.02, 33.11E, 0.03, h4km, 11km, n29, e054/43, Turkey

20d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHL Shillong, CMAR Chiang Mai Arr, ODAN Odare, etc.

ISCJB 20 15:43:11.4, 0.4, 24.27N, 0.02, 122.01E, 0.02, h5km, 3km, Error ellipse: s-maj=3.1km s-min=2.2km az=146.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA Nanau, TWC Suao, TWD Chiawan, etc.

2010 DEC

Table with columns: YUS Yu-Shan, WNT Mingjian, WNT Wnt, etc. Includes station codes and coordinates.

IDC 20 15:43:14.6, 0.9, 8.41S, 129.13E, h0km, mb3.7/6, mb1.3, 9/10, mb1mx3.7/33, mbtmp3.8/10, ML3.9/4, MS4.6/1, Ms1.4, 6/1, ms1mx3.3/29, Error ellipse: s-maj=39.1km s-min=17.0km az=75.0

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

SJA 20 16:01:17.3, 0.5, 31.77S, 68.28W, h104km, 6km, ML2.1, MW3.9, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTCV Cerro Valdivia, RTLL Cerro Villiviu, AMOG MOGNA, etc.

JMA 20 16:16:08.6, 0.2, 24.21N, 121.89E, h37km, 4km, ISCJB 20 16:16:09.6, 0.3, 24.28N, 0.02, 121.97E, 0.02, h17km, 5km, Error ellipse: s-maj=3.9km s-min=2.5km az=136.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EHP Heping Village, ENA Nanau, ENA Ena, etc.

892

Table with columns: TWE baz=335, NNS Nan Shan, NNS baz=286, EGS baz=4.0, EGS baz=4.0, WHF Hehuan Shan, etc.

GUC 20 16:27:40.7, 0.4, 34.53S, 71.92W, h47km, 5km, ML3.6, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNV Longovio, NICH Los Niches, NICH Talca, etc.

IDC 20 16:27:40.1, 1.6, 16.08S, 177.54W, h0km, mb3.9/7, mb1.4, 2/7, mb1mx3.9/38, mbtmp3.9/7, MS4.1/8, Ms1.4, 1/8, ms1mx3.9/28, Error ellipse: s-maj=102.5km s-min=21.0km az=147.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, DZM Mont Dumac, DZM Mont Dumac, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like 533A Kerrville, 435B Jarrell, 239A Gary, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like Z32A Haskell, 130A Snyder, ATAH Atahualpa, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like T36A Boggs Farm, U33A Lingo Farm, T35A Sooner Cattle, etc.

20d 17h

2010 DEC

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for P35A Duane Minner, R30A Dighton, SFIN Scholer Farm, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for BGNE Belgrade, ALLY Alegheny Circle, ALLY Ann Arbor, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for H36A Jessenland, I32A Karley and Nic, BC3 Big Chuckawall, etc.

PTN	Potsdam (NY)	33.57	18	eP	P	17 27 59.1	+0.5	ISA		ePcP	ScP	17 30 44.4	+2.3	A30A	Hoffart Farm,	36.69	349	P	P	17 28 25.2	-0.1		
E37A	Wrenshall	33.59	355	P	P	17 27 57.7	-0.9	ISA		eScP	ScP	17 34 23.8	+2.3	YNR	Norris Junction	36.74	334	eP	P	17 28 28.2	+2.1		
G28A	Parade	33.60	344	P	P	17 27 58.3	-0.6	GRAC	Carson	35.03	344	P	P	17 28 10.7	-0.7	YNR	Peters Farms	36.79	346	P	ScP	17 34 32.2	+4.3
E36A	McGregor	33.61	354	P	P	17 27 58.2	-0.7	F25A	Grapevine Rang	35.03	318	P	P	17 28 10.7	-0.7	B27A	Madison River	36.83	333	eP	P	17 28 28.8	+1.9
RSSD	Black Hills	33.67	340	eP	P	17 28 01.5	+1.8	C33A	Bowman	35.10	342	P	P	17 28 12.1	+0.2	YMR	Manning Farm	36.84	348	P	ScP	17 34 30.0	+1.8
RSSD	Black Hills	33.67	340	eP	P	17 28 13.8		D29A	Trail	35.13	352	P	P	17 28 11.7	-0.3	A29A	Jensen Ranch,	37.00	345	P	P	17 28 26.5	-0.1
RSSD	Shoshone	33.68	317	P	P	17 27 59.0	-0.6	SBC	Pettibone, Tap	35.15	347	P	P	17 28 11.8	-0.3	B26A	Battle Mountai	37.02	323	eP	P	17 28 30.1	+1.6
RSSD	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	E26A	Santa Barbara	35.27	313	P	P	17 28 13.4	+0.1	BMN	Rude Farm, Bot	37.04	347	eP	P	17 28 30.1	+1.6
RSSD	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	C32A	Carlson Angus	35.31	343	P	P	17 28 13.5	-0.1	BMN	Battle Mountai	37.02	323	eP	P	17 28 30.1	+1.6
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	AHID	Crookston	35.31	351	P	P	17 28 13.5	-0.1	BMN	Battle Mountai	37.02	323	eP	P	17 28 30.1	+1.6
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	AHID	Auburn Hatcher	35.41	331	eP	P	17 28 15.7	+1.0	A28A	Rude Farm, Bot	37.04	347	eP	P	17 28 30.1	+1.6
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	AHID	Waterville	35.42	24	eP	P	17 28 23.6	+0.6	B25A	Knox Farm, Ray	37.15	344	P	P	17 28 30.1	+0.9
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	WVL	Landman Farms,	35.48	350	eP	P	17 28 14.7	+0.2	QLMT	Easthuake Lak	37.15	333	eP	P	17 28 32.0	+2.4
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	C31A	Bob, Littlefor	35.48	354	P	P	17 28 14.8	-0.2	GCMT	Greycliff	37.18	336	eP	P	17 28 30.7	+1.0
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	B35A	Regan	35.49	346	P	P	17 28 13.9	-1.1	A24A	Wade Farm, Ken	37.44	346	P	P	17 28 32.1	+0.4
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	D28A	Hansel Valley	35.49	328	eP	P	17 28 15.2	0.0	ULM	Lac du Bonnet	37.59	352	P	P	17 28 32.2	-0.7
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 49.9	-0.4
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 29.1	-1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 32.0	-0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 50.4	+0.2
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 29.1	-1.5
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7	+1.9	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 28 34.7	+1.5
GSC	Goldstone	33.69	316	eP	P	17 27 59.0	-0.8	HVU	Hansel Valley	35.49	328	eP	P	17 28 16.8	+1.4	ULM	Lac du Bonnet	37.59	352	P	P	17 34 31.7	+0.9
GSC	Goldstone	33.69	316	eP	P	17 28 01.7																	

20d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEW Newport, NEW Wollman Farm, D08A Wamic, etc.

2010 DEC

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

898

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TBI Tubuai, EFI East Falkland, EFI East Falkland, etc.

1539/41,mb4.3/20,MS4.5/7,3C-5D,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like AFI Afiamalu, RAO Raoul Island, DZM Mont Dzumac, etc.

MEX 20 17:47:46.9.0.4,1534N:94.88W,h33km,gggkm,MD3.9, Near coast of Oaxaca

ISCJB 20 17:54:32.8.0.3,30.56N:0.03:138.04E:0.05,h450km, mb3.4/18, Error ellipse: s-maj=6.1km s-min=4.4km

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JHJC Hachiojimakas, JHJ Hachioji jima, JHU Hanno, etc.

SKHL 20 18:03:01.7.0.6,12.05N:143.88E,h0km,mb4.0/15, JMA 20 18:00:55.7.0.4,45.44N:150.08E,h173km

ISC 20 18:00:52.4.4.3,44.7N:0.1:151.0E:0.2,h35km,n11, e231/17, East of Kuril Islands

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

MEX 20 17:47:46.9.0.4,1534N:94.88W,h33km,gggkm,MD3.9, Near coast of Oaxaca

ISCJB 20 17:54:32.8.0.3,30.56N:0.03:138.04E:0.05,h450km, mb3.4/18, Error ellipse: s-maj=6.1km s-min=4.4km

GUMO 509nm,0.3s,baz=175,slow=23,SNR=35

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H11S3 WAKE ISLAND HY 22.87, H11S1 WAKE ISLAND HY 22.89, etc.

AUST 20 18:05:44.8.0.7,7.07S:129.22E,h180km, Error ellipse: s-maj=1.5km s-min=1.1km az=291.0

ISCJB 20 18:05:45.8.0.7,7.25S:102.06:129.26E:0.10,h156km, mb3.4/1, Error ellipse: s-maj=13.7km s-min=8.0km az=2.1

ISC 20 18:05:45.2.3.0,7.31S:129.08E,h128km,39km,mb3.3/1, mb1.3/4.5,mb1mx3.1/34,mbtmp3.7/5, Error ellipse: s-maj=23.7km s-min=21.2km az=91.0

ISC 20 18:05:47.1.1.7,0.90S:0.09:129.21E:0.10,h156km,n14, e183/13, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SAUI Saumlaki, FAKI Fak Fak, SOEI Soe, etc.

ISC 20 18:02:14.1.4,10.95N:144.28E,h0km,mb3.7/7, mb1.3/8.5,mb1mx3.7/37,mbtmp3.7/8,ML4.2/1,MS4.2/2,MS1.4/2.2,ms1mx3.3/51, Error ellipse: s-maj=39.2km s-min=23.7km az=102.0

ISCJB 20 18:02:25.3.1.1,01.03N:140.09:144.2E:0.2,h33km, mb3.6/8,MS2.1/2, Error ellipse: s-maj=28.7km s-min=9.6km az=17.8

ISC 20 18:02:25.1.2,11.1N:0.1:144.2E:0.2,h35km,n15, e098/10,mb3.7/8,South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GUMO Guam, H11S3 WAKE ISLAND HY 22.94, etc.

GUC 20 18:30:05.9.0.4,22.90S:68.84W,h105km,4km,ML3.6, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like VRAC Vranov, KRALIC Kraliky, ARSA Arzberg, MOA Mollin, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like MOA Mollin, FINES FINESS Array B, MYKA Terra Mystica, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like BRG Berggiesshuel, WET Wetzell, IRK Irkutsk, etc.

20d 18h

Table with columns: ID, Name, Value, Status, and other details. Includes entries like Wollman Farm, Onida, Mission Ridge, etc.

2010 DEC

Table with columns: ID, Name, Value, Status, and other details. Includes entries like SABA, SABA, Lathrop, etc.

912

Table with columns: ID, Name, Value, Status, and other details. Includes entries like Snowmass, University of UALR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Macquarie Isla, QSPA, PFO, MNTX, TUC, VDA, etc.

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

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

ISCJB 20 18:47:58.91, 9.24, 7S:0.5:178:1W:0.3, h150km, mb4.1/5, Error ellipse: s-maj=80.8km s-min=26.0km az=161.1

ISCJB 20 18:50:21.7, 0.3, 28:28N:0.04:59:05E:0.04, h10km, mb4.3/26, Error ellipse: s-maj=6.9km s-min=4.1km az=44.2

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

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

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

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

ISCJB 20 18:56:51.0, 0.6, 28:35N:0.07:58.9E:0.1, h10km, mb4.0/14, Error ellipse: s-maj=16.9km s-min=9.5km az=13.3

ISCJB 20 18:56:52.1, 0.9, 28:36N:58.90E, h0km, mb4.0/12, mb1.4/0.14, mb1mx3.7/68, mbtmp4.0/14, ML3.5/2, Error ellipse: s-maj=23.2km s-min=17.0km az=122.0

NEIC 20 18:56:53.0, 0.5, 28:40N:58.94E, h10km, mb4.2/1, Error ellipse: s-maj=17.6km s-min=10.0km az=110.0

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

GUC 20 18:58:16.4, 0.5, 20:73S:69:11W, h114km, 3km, ML3.7, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB01, HMBIC, PB09, etc.

ISCJB 20 19:04:02.0, 0.7, 28:19N:0.06:58.8E:0.2, h10km, mb3.7/7, Error ellipse: s-maj=22.9km s-min=9.0km az=6.5

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

20d 19h

BVAR	Borovoye Array	26.21 16	P	19 09 39.4	0.0
FINES	FINES Array B	39.72 336	P	19 11 35.7	-1.2
SOMM	Songino Array	41.51 49	P	19 11 50.7	-1.3
ARCES	ARCES Array B	45.90 344	P	19 12 24.3	-0.2
TORD	Tordi Ar. Bea	55.06 267	P	19 13 37.6	+0.7
KSRs	Korea Array	57.62 62	P	19 13 55.9	+1.0

ISCJB 20 19:07:30.0-0.8,28.06N-0.08-59.3E,0.2,h10km,mb3.6/5, Error ellipse: s-maj=27.0km s-min=8.7km az=14.6
IDC 20 19:07:30.4-1.4,28.10N-59.3E,h0km,mb3.7/5, mb1 3.8/7,mb1mx3.4/63,mbtmp3.7/7,ML3.6/2, Error ellipse: s-maj=40.1km s-min=22.2km az=131.0
ISC 20 19:07:31.9-0.9,28.07N-0.10-59.4E,0.2,h10km,n7,c096/8,mb3.5/5,Southern Iran

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
WSAR	Wadi Sarin	4.86 188	Op	ISC	19 08 46.1	+0.9
WSAR		5.1nm,0.3s,baz=77,slow=2.7,SNR=12			19 09 40.6	-0.9
AAK	Ala-Archa	19.07 36	P	19 11 55.6	+1.0	
MKAR	Makanchi Array	25.92 38	P	19 13 03.7	-0.5	
BVAR	Borovoye Array	26.23 15	P	19 13 05.9	-1.0	
SOMM	Songino Array	41.24 48	P	19 15 16.7	-0.5	
ARCES	ARCES Array B	45.87 344	P	19 15 54.7	+0.7	
TORD	Tordi Ar. Bea	55.06 267	P	19 17 07.3	-0.4	

ISCJB 20 19:10:58.0-0.4,17.9S:0.04-120.17E:0.04,h10km,mb3.8/7, Error ellipse: s-maj=32.2km s-min=4.5km az=43.1
IDC 20 19:10:57.9-0.9,2.09S:120.09E,h0km,mb3.9/7, Error ellipse: s-maj=51.5km s-min=15.8km az=64.0
DJA 20 19:11:00.3-1.1,2.2S:121.0E, h18km,13km, M4.5/27, mb4.5/10,MLV4.5/27
ISC 20 19:10:59.8-0.7,1.80S:0.05-120.18E:0.06,h10km,n28,c1922/32,mb4.0/7,Sulawesi

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
TTSI	Tana Toraja	1.29 196	S	19 11 22.6	+1.2	
APSI	Ampana	1.71 59	P	19 11 29.5	-0.2	
SPSI	Sidrap Palu	2.19 191	P	19 11 37.2	+1.0	
BNSI	Bone	2.58 192	P	19 11 42.1	+0.4	
LWUI	Luwuk	2.87 38	P	19 11 42.6	+0.7	
MRSI	Marisa	5.35 279	P	19 12 10.7	+0.6	
KAPI	Kappang	3.22 188	Pn	19 11 50.5	+0.1	
KAPI		1.1nm,0.3s,baz=360,slow=19,SNR=16			19 12 35.3	
KBI	Kendari	3.25 313	P	19 11 51.4	+0.6	
KDB	Balikpapan	3.33 279	P	19 11 51.0	-0.9	
BKSI	Bukitumba	3.50 181	P	19 11 54.6	+0.3	
GTOT	Gorontalo	3.73 49	P	19 12 02.8	-2.2	
KBKI	Kotabaru	4.28 260	P	19 12 02.8	-2.2	
BSSI	Bau Bau, Buton	4.32 176	P	19 12 05.9	+0.2	
BSSI	Bau Bau	4.37 147	P	19 12 07.0	+0.7	
MTKI	Muara Teweih, K	8.9nm,0.5s,0.5nm		19 12 18.0	-1.8	
BBKI	Banjar Bara	5.35 275	P	19 12 21.5	-1.5	
SANI	Sanana	5.81 93	P	19 12 24.8	-1.3	
NLAI	Namlea	7.06 102	P	19 12 43.5	+0.2	
MMRI	Maumere	7.09 163	P	19 12 44.2	+0.5	
LBMI	Labu	7.41 81	P	19 12 46.8	-1.3	
LSJI	Sorong	11.12 85	Pn	19 13 38.9	-0.2	
LSJI		0.9nm,0.3s,baz=270,slow=19,SNR=6.3			19 15 43.1	-0.5
WRA	Warramung Arr	29.27 343	P	19 15 59.9	-2.3	
ASAR	Alice Springs	25.48 150	P	19 16 26.6	-1.7	
ASAR		0.9nm,0.6s,baz=329,slow=8.8,SNR=21			19 19 58.6	-1.8
CMAR	Chiang Mai Arr	29.02 315	P	19 16 59.9	-0.3	
STKA	Stevens Creek	36.09 148	P	19 17 05.9	-2.1	
SOMM	Songino Array	50.88 348	P	19 17 52.7	+0.2	
MKAR	Makanchi Array	58.72 330	P	19 20 59.9	+2.1	
ZALV	Zalesovo Beam	62.83 337	P	19 21 27.2	+1.5	

ISCJB 20 19:13:14.0-0.7,28.36N:0.07-58.89E:0.09,h10km,mb3.8/7, Error ellipse: s-maj=12.1km s-min=8.5km az=150.4
IDC 20 19:13:13.8-1.4,28.30N-59.05E,h0km,mb3.8/8, mb1 3.8/11,mb1mx3.5/61,mbtmp3.8/11,ML3.2/3, Error ellipse: s-maj=30.5km s-min=19.7km az=137.0
CSEM 20 19:13:18.7,28.41N-59.15E,h15km,ML3.9, After TEH
TEH 20 19:13:18.7,28.41N-59.15E,h15km,ML3.9
ISC 20 19:13:15.0-0.8,28.27N-0.07-59.0E:0.1,h10km,n17,c1501/15,mb3.7/7,2D,Southern Iran

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
IBAF	Bafgh	4.43 319	Op	ISC	19 15 37.0	+0.4
IBAF		comp=E,2j,m,0.2s			19 15 40.9	
IBAF		comp=N,2j,m,0.2s			19 15 49.9	
IBAF	Bafgh	4.43 319	eSg	Pn	19 15 37.0	-0.4
IDAH	Dahanechah	4.52 10j	ePn	Pg	19 14 24.4	+0.6
IDAH		comp=E,2j,m,0.4s			19 15 45.8	
IDAH		comp=N,3j,m,0.3s			19 15 48.7	
IDAH	Dahanechah	4.52 10j	ePn	Pn	19 14 24.4	+0.6
WSAR	Wadi Sarin	5.02 164	Pn	19 14 32.3	+2.0	
WSAR		comp=N,2.6nm,0.5s,baz=189,slow=11,SNR=3.8			19 15 26.4	-2.0
IKAZ	Kazeroun	6.42 285	ePn	Pn	19 14 53.9	+4.0
IKAZ		comp=Z,687nm,0.2s			19 16 16.4	
IKAZ		comp=N,2j,m,0.3s			19 14 53.9	+4.0
IKAZ	Kazeroun	6.42 285	ePn	Pn	19 15 34.9	+0.8
AAK	Ala-Archa	19.07 37	P	19 13 9.2	+0.8	
MMAI	Mai Meron Arr	20.80 289	P	19 17 59.4	+0.3	
AKTO	Aktubinsk	22.15 358	P	19 18 11.2	+0.4	
BVAR	Borovoye Array	26.14 16	P	19 18 49.3	+0.2	
ZALV	Zalesovo Beam	31.87 29	P	19 19 39.0	-1.1	
FINES	FINES Array B	39.73 336	P	19 20 47.0	-0.4	
SOMM	Songino Array	41.24 49	P	19 21 00.9	-0.6	
ARCES	ARCES Array B	45.94 344	P	19 21 34.8	0.0	
TORD	Tordi Ar. Bea	55.18 267	P	19 22 48.3	+0.1	

2010 DEC

comp=N,1.4nm,0.6s,baz=61,slow=7.0,SNR=19

IDC 20 19:13:35.7-3.2,12.46S:167.15E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.5/45,mbtmp3.7/3, Error ellipse: s-maj=191.0km s-min=32.7km az=132.0,Santa Cruz

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
STKA	Stevens Creek	40.42 226	Op	ISC	19 19 50.1	+0.1
ASAR	Alice Springs	33.43 246	P	19 20 16.4	-0.2	
ILAR	Eielson Array	84.28 18	P	19 26 09.8	0.0	

ISCJB 20 19:14:48.9-0.8,28.17N:0.07-59.0E:0.2,h10km,mb3.5/4, Error ellipse: s-maj=26.1km s-min=9.2km az=9.4
IDC 20 19:14:49.6-1.4,28.24N:58.95E,h0km,mb3.6/4, mb1 3.7/6,mb1mx3.3/59,mbtmp3.7/6,ML3.3/1, Error ellipse: s-maj=38.3km s-min=24.2km az=128.0
ISC 20 19:14:50.7-0.9,28.19N:0.09-59.0E:0.2,h10km,n6,c084/7,mb3.5/4,Southern Iran

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
WSAR	Wadi Sarin	4.95 184	Op	ISC	19 16 05.8	+0.7
WSAR		baz=10,slow=9.8,SNR=3.1			19 17 01.5	-0.9
AAK	Ala-Archa	19.11 37	P	19 19 14.9	+0.1	
BVAR	Borovoye Array	26.20 16	P	19 20 26.3	+0.8	
FINES	FINES Array B	39.81 336	P	19 22 23.0	-0.8	
SOMM	Songino Array	41.42	P	19 22 37.2	-0.3	
TORD	Tordi Ar. Bea	55.20 267	P	19 24 24.5	+0.4	

IDC 20 19:20:51.6-0.8,5.37N:127.15E,h0km,mb4.1/13, mb1 4.2/14,mb1mx3.9/43,mbtmp4.1/14,ML4.6/1, Error ellipse: s-maj=54.1km s-min=12.9km az=67.0
ISCJB 20 19:20:58.6-0.7,5.40N:0.04-127.38E:0.07,h7km,n6km,mb4.0/16, Error ellipse: s-maj=12.6km s-min=4.0km az=157.4
MAN 20 19:20:59.5,66N:127.38E,h10km,mb5.1,ML4.0,MS4.1
DJA 20 19:21:02.3-1.0,5.7N:127.7E, h40km,54km, M4.7/8, mb4.7/8,MLV4.7/7
NEIC 20 19:21:02.4-1.5,5.26N:127.08E,h88km,12km,mb4.2/3, Error ellipse: s-maj=43.6km s-min=7.4km az=68.0
ISC 20 19:20:60.0-1.2,5.43N:10.05-127.35E:0.09,h67km,12km,n4,c158/53,mb4.2/16,3D,Philippine Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	h m s	ISC
MATI	Mati	1.86 324	eP	Pn	19 21 29.3	-0.4
MATI		comp=N,0.5s,baz=68,slow=1.2,SNR=16			19 21 38.8	+1.8
DAV	Dayao City (W)	2.40 313	Pn	19 21 38.2	+2.8	
DAV		68nm,0.3s,baz=67,slow=2.4,SNR=13			19 21 36.2	-2.0
GSFH	General Santos	2.48 285	eP	Pn	19 21 45.6	-1.9
GSFH		comp=N,0.5s,baz=107,slow=7.2,SNR=8.3			19 21 41.0	-0.7
KCP	Kidapawan	2.74 305j	eP	Pn	19 21 15.8	+2.0
KCP		comp=N,0.5s,baz=111,slow=1.1,SNR=37			19 21 46.4	+0.7
BIPH	Bislig	2.91 340j	eP	Pn	19 21 44.3	-3.4
BUKP	Musuan	3.33 317	eS	Pn	19 21 50.7	+0.9
BUKP		comp=N,0.5s,baz=111,slow=1.1,SNR=37			19 22 00.4	+2.7
BUTP	Bugayan de Oro	4.00 319j	eP	Pn	19 22 09.9	+2.1
CGP		comp=N,0.5s,baz=111,slow=1.1,SNR=37			19 22 45.7	+1.3
TNTI	Ternate	4.63 180	P	19 22 08.3	+0.8	
TNTI		comp=N,0.5s,baz=343,slow=1.1,SNR=37			19 22 08.6	+0.5
TNTI	Ternate	4.63 180	eP	Pn	19 22 08.1	+0.6
LBMI	Labuha	6.03 179	P	19 22 26.6	-0.1	
LBMI		86nm,0.7s,0.4nm			19 23 36.3	+1.9
GTOT	Gorontalo	6.44 222	P	19 22 32.5	+0.2	
GTOT		93nm,0.8s,0.4nm			19 22 44.9	+0.7
MRSI	Marisa	7.31 288	P	19 22 43.2	-1.8	
MRSI		0.9nm,0.9s,0.4nm			19 22 42.9	-2.2
SWI	Sorong	7.37 148	P	19 22 44.7	-1.8	
SJJI	Sorong	7.38 148	Pn	19 22 42.9	-2.2	
SJJI		8.9nm,0.3s,baz=298,slow=2.3,SNR=46			19 22 58.4	-9.1
SANI	Sanana	7.56 190	P	19 22 45.6	-1.9	
LWUI	Luwuk	7.89 216	P	19 22 53.4	+1.2	
NLAI	Namlea	8.62 182	P	19 23 01.0	-1.1	
FITZ	Fitzcrossi	23.10 157	P	19 26 02.5	-1.1	
WRAB	Tennant Creek	26.13 165	eP	P	19 26 27.5	-0.5
WRAB		2.5nm,0.5s			19 26 27.3	-0.7
WRA	Warramung Arr	29.14 165	P	19 26 57.4	-1.7	
WRA		0.3nm,0.4s,baz=352,slow=7.3,SNR=10.0			19 27 07.6	-0.2
CMAR	Chiang Mai Arr	30.60 297	P	19 28 25.0	+0.8	
STKA	Stevens Creek	39.51 161	P	19 28 56.9	-0.8	
TAPN	Taplejung	43.54 305	eP	P	19 28 57.6	-0.7
ODAN	Odara	43.62 304	eP	P	19 29 03.2	-0.6
RAMN	Ramite	44.31 304	eP	P	19 29 08.4	-0.4
JIRN	Jiri	45.21 304	eP	P	19 29 10.7	-0.8
GUNB	Gumba	46.26 304	eP	P	19 29 12.6	-1.0
PKIN	Phulchoki	45.53 304	eP	P	19 29 13.8	-1.1
PKIN	Kakani	45.71 304	eP	P	19 29 14.5	-1.1
DMN	Daman	45.79 304	eP	P	19 29 17.9	+1.9
SOMM	Songino Array	45.90 340	P	19 30 35.1	-0.3	
MKAR	Makanchi Array	55.93 324	P	19 30 52.3	-0.1	
MKAR		0.4nm,0.5s,baz=159,slow=8.6,SNR=8.2			19 30 35.3	-0.1
TKM2	Tokmak 2	56.50 318	eP	P	19 30 53.8	-1.4
ZALV	Zalesovo Beam	59.37 332	P	19 31 03.3	-0.7	
ZALV		0.9nm,0.5s,baz=113,slow=7.2,SNR=6.7			19 31 03.7	-0.7
KURK	Kurchatov	60.66 327	P	19 31 40.7	-0.2	
KURB	Kurchatov Arra	60.66 327	P</			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCHB Rochefort, BMRD Maredsous, WLF Walferdange, GIVF Givet, etc.

CSEM 20 19:34:49.0, 1.50, 76N, 6.34E, h9km, ML0.8, Error ellipse: s-maj=2.1km s-min=1.3km az=58.0

UCC 20 19:34:49.0, 3.50, 78N, 6.34E, h12km, 2km, ML0.8, 1C-1D, Germany

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

IDC 20 19:36:05.8, 999.0, 57.04N, 37.18E, h0km, mb3.6/4, s-maj=934.2km s-min=251.1km az=98.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, I34MN SONGINO INFRA, etc.

ISK 20 19:37:54.6, 38.90N, 27.92E, h11km, MD2.7

CSEM 20 19:37:55.4, 0.4, 38.90N, 27.88E, h10km, MD2.8, Error ellipse: s-maj=9.9km s-min=5.4km az=156.0

DDA 20 19:37:56.3, 38.92N, 27.96E, h7km, MD2.8

ISC 20 19:37:54.9, 1.3, 38.98N, 0.06, 27.88E, 0.04, h17km, 7km, n17, r133/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKHS Akhisar, DEMI Demirci, KULA Kula-Manisa, etc.

IDC 20 19:40:37.1, 1.9, 15.70S, 176.35W, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.8/23, mbtmp3.7/7, ML3.7/1, Error ellipse: s-maj=113.1km s-min=20.9km az=153.0, Fiji Islands region

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

IDC 20 19:41:27.7, 0.8, 28.19N, 59.13E, h0km, mb3.6/4, mb1 3.8/16, mb1mx3.6/45, mbtmp3.7/16, ML3.6/2, Error

ellipse: s-maj=20.2km s-min=16.2km az=154.0
ISCJB 20 19:41:28.5, 0.4, 28.23N, 0.04, 59.17E, 0.06, h10km, mb3.5/13, Error ellipse: s-maj=8.0km s-min=5.2km az=26.4

THR 20 19:41:29.0, 1.0, 28.26N, 59.18E, h15km, ML4.2

CSEM 20 19:41:30.1, 0.4, 28.30N, 59.09E, h2km, ML4.2, Ms4.9, Error ellipse: s-maj=12.0km s-min=8.3km az=94.0

DSN 20 19:41:31.7, 99.0, 28.82N, 58.19E, h12km, mb3.5/5, Ms4.9/1, Error ellipse: s-maj=22.9km s-min=1.1km az=303.0

TEH 20 19:41:33.3, 28.44N, 59.16E, h10km, ML4.2

ISC 20 19:41:29.6, 0.6, 28.19N, 0.04, 59.13E, 0.05, h10km, n48, r118/55, mb3.6/13, 3C-3D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani, KRBR Kerman, TVBK TV Kerman, etc.

IKOO Kooshah, IKOO Kooshah, IKOO Kooshah, IKOO Kooshah

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WSAR Wadi Sarin, WSAR Wadi Sarin, IMEH Mehriz, IMEH Mehriz, AAK Ala-Archa, MKAR Makanchi Arr, BVAR Borovoye Arr, SONM Songo Arr, TORD Torodi Arr

IDC 20 19:50:29.1, 3.6, 27.96N, 59.08E, h0km, mb3.6/4, mb1 3.5/15, mb1mx3.2/49, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=136.6km s-min=26.8km az=148.0, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, KURBB Kurchatov Arr, ZALV Zalesovo Beam, SONM Songo Arr, TORD Torodi Arr, etc.

IDC 20 19:58:14.3, 2.3, 42.04S, 167.0W, h0km, mb4.0/3, mb1 3.9/3, mb1mx3.6/20, mbtmp3.9/3, Error ellipse: s-maj=215.0km s-min=31.7km az=101.0, Southern Iran-Mit Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, H10S2 ASCENSION HYDR3, H10S3 ASCENSION HYDR3, H10S1 ASCENSION HYDR3, GSPA South Pole Qui, TORD Torodi Arr, BRTR Keskin Arr, ILAR Eielson Arr, etc.

THR 20 19:59:42.2, 1.2, 28.33N, 59.30E, h15km, ML3.8

IDC 20 19:59:42.4, 1.3, 28.42N, 59.00E, h0km, mb3.6/9, mb1 3.7/9, mb1mx3.5/48, mbtmp3.7/9, Error ellipse: s-maj=30.9km s-min=22.0km az=154.0

ISCJB 20 19:59:43.0, 0.5, 28.43N, 0.04, 59.10E, 0.05, h10km, mb3.6/10, Error ellipse: s-maj=6.4km s-min=5.1km az=158.9

CSEM 20 19:59:43.5, 0.6, 28.34N, 59.38E, h10km, ML4.0, Error ellipse: s-maj=16.8km s-min=9.2km az=94.0

DSN 20 19:59:46.0, 0.6, 28.28N, 59.09E, h10km, mb3.5/9, ML4.5/1, Error ellipse: s-maj=45.5km s-min=6.1km az=129.0

TEH 20 19:59:47.2, 28.49N, 59.13E, h8km, ML4.0

ISC 20 19:59:43.6, 0.7, 28.32N, 0.04, 59.21E, 0.06, h10km, n51, r116/51, mb3.6/10, 6D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani, CHMN Cheshme madani, CHMN Cheshme madani, NIAN Nian, NIAN Nian, NIAN Nian, etc.

CHBR Chabahar, CHBR Chabahar, CHBR Chabahar, CHBR Chabahar

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Table with columns: MFID, Call Name, Az, El, P, Time, Res, and various station codes. Includes stations like Camas Ranch, Klimovskoe, Wadi Hiliu, etc.

Table with columns: BRTR, Call Name, Az, El, P, Time, Res, and various station codes. Includes stations like Keskin MP Arra, Lajitas Array, etc.

Table with columns: SANI, Call Name, Az, El, P, Time, Res, and various station codes. Includes stations like Sanana, Ternate, Namlea, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FKH Fakeheh, MARH Ras Al Marh, DRWC Darouich, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ERZN Erzincan, EZC Erzincan, EUZM Uzumlu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like INK Inuvik, PETK Petropavlovsk, YKA Yellowknife, etc.

ICD 20 21:35:13.2z-1.1, 53.80N-163.46W, h0km, mb4.0/24, mb1.4/127, mb1mx4.0/50, mbtmp4.0/27, ML3.5/3, Error ellipse: s-maj=29.7km s-min=12.9km az=167.0

ISCJB 20 21:35:15.6z-0.9, 53.49N-107.163z-12W, h0.06, h37km, 5km, mb4.0/24, Error ellipse: s-maj=11.9km s-min=4.5km az=157.4

NEIC 20 21:35:15.1, 53.48N-163.20W, h26km, ML3.6(AEIC), After

ISCN 20 21:35:17.0, 53.58N-109.163z-27W, h0.05, h39km, 3km, n72, c0967/1, mb4.1/24, Unimak Island region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BRPK Brown Peak, ISLZ Isanotski Laza, WESP Westdahl Peak, etc.

CSEM 20 21:57:29.3, 34.05N-25.81E, h6km, MD3.5, After ATH

ATH 20 21:57:29.3, 34.05N-25.81E, h6km, 3km, MD3.5/7, Error ellipse: s-maj=86.9km s-min=20.2km az=65.0, Yunnan

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ZKR Zakros, ZKR Zakros, LAST Lasithi, etc.

ISK 20 22:00:37.0, 37.87N-27.28E, h21km, MD2.6, Error ellipse: s-maj=9.2km s-min=4.0km az=63.0

ISCJB 20 22:00:39.0, 37.88N-27.27E, h7km, MD2.8, Error ellipse: s-maj=6.3km s-min=4.0km az=135.2

DDA 20 22:00:39.8, 37.84N-27.27E, h7km, MD2.8, Error ellipse: s-maj=6.3km s-min=4.0km az=135.2

ISC 20 22:00:38.1, 37.90N-27.29E, h0.03, h19km, 2km, n14, c084/26, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GCAM G?zelcami?, GCAM G?zelcami?, GCAM G?zelcami?, etc.

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

ISCJB 20 22:02:54.5:0.3,56:01N:0.03:161.21E:0.07, h108km,2km,mb3.5/9, Error ellipse: s-maj=7.2km s-min=4.2km az=22.4

KRSC 20 22:02:54.2:0.6,55:97N:161.28E, h101km,5km,ML4.0 MOS 20 22:02:54.0:0.8,56:06N:161.05E, h105km, mb4.0/4, Error ellipse: s-maj=18.6km s-min=6.9km az=74.5

IDC 20 22:02:57.6:2.7,53:97N:160.87E, h122km,29km,mb3.2/8, mb1.3/1.0, mb1mx3.1/6.0, mbtmp3.6/1.0, Error ellipse: s-maj=28.3km s-min=16.5km az=159.0

ISC 20 22:02:55.4:0.7,56.00N:0.03:161.27E:0.04, h101km,5km, n69,c078/102,mb3.5/9, Near east coast of Kamchatka Peninsula

Main table of station data for the 20d 22h period, including station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA, TXAR, ASAR.

THR 20 22:07:24.7:0.8,28:21N:59.19E, h15km, ML4.1 ISCJB 20 22:07:24.5:0.5,28:14N:0.04:59.26E:0.06, h10km, mb3.5/9, Error ellipse: s-maj=8.1km s-min=5.1km az=16.7

DSN 20 22:07:27.0:0.2,28:27N:58.99E, h10km, mb3.4/7, ML5.0/1, Error ellipse: s-maj=10.1km s-min=6.4km az=334.0

CSEM 20 22:07:26.0:0.5,28:18N:59.22E, h10km, ML4.1, Error ellipse: s-maj=14.4km s-min=8.0km az=93.0

TEH 20 22:07:27.8:28:21N:59.26E, h20km, ML4.1, IDC 20 22:07:30.5:0.7,28:07N:59.05E, h54km,7km,mb3.4/9, mb1.3/1.1, mb1mx3.2/5.1, mbtmp3.6/1.1, Error ellipse: s-maj=18.9km s-min=11.2km az=109.0

Main table of station data for the 2010 DEC period, including station names, coordinates, and observation times.

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

CHBR comp=E,2um,0.6s AML AML 22 14 53.5

CHBR Chabahr 2.71 309 ePn Pn 22 13 44.7 +1.8

CHBR Chabahr 2.71 309 ePn Pn 22 13 44.0 +1.0

CHBR Chabahr 2.71 309 eSg Pn 22 14 23.3 +2.0

Main table of station data for the 2010 DEC period, including station names, coordinates, and observation times.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Wickenburg, Tucson, Troy Canyon, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Muleshoe, Wood River Hill, Dot Lake, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HHC, INK, JTS, KMI, etc.

IDC 20 22:50:36.4:3.1, 15.015x176.86W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/31, mbtmp3.8/3, Error ellipse: s-maj=179.5km s-min=32.0km az=146.0, Fiji Islands region

ASAR Alice Springs 47.06 252 P Op ISC 22 59 10.3 0.0
NVAR Mina Array Bea 76.31 44 P P 23 02 28.0 +0.3
ILAR Eielson Array 82.75 12 P P 23 03 01.7 -0.1
BRTR Keskin Array B 143.70 319 PKP PKPbc 23 10 12.0 +0.6

ISCJJB 20 23:08:54.3:0.9, 28.390N:0106.5939E:0.08, h10km, mb3.5/1, MS4.3/2, Error ellipse: s-maj=13.4km s-min=8.8km az=166.0

THR 20 23:08:54.6:0.3, 28.29N:59.34E, h15km, ML4.0
TEH 20 23:08:57.7, 28.27N:59.34E, h20km, ML3.9
CSEM 20 23:08:57.3:0.5, 28.32N:59.38E, h20km, ML3.9, Error ellipse: s-maj=15.2km s-min=12.0km az=85.0

IDC 20 23:09:05.1:1.5, 27.31N:57.28E, h0km, mb3.7/3, mb1 3.6/5, mb1mx3.3/53, mbtmp3.6/5, ML3.3/2, MS4.2/2, Ms1 4.2/2, ms1mx3.1/33, Error ellipse: s-maj=38.6km s-min=26.5km az=114.0

ISC 20 23:08:55.9:1.7, 23.122N:0106.5939E:0.08, h10km, n31, n087/26, mb3.5/3, 2C, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h m s, ISC. Rows include NIAN, KRBR, ASAR, NVAR, ILAR, BRTR, etc.

SHRT Shahrakht 5.37 8 e Pn 23 10 16.7 +0.6
SHRT Shahrakht 5.37 8 e Pn 23 10 16.7 +0.6
SHRT Shahrakht 5.37 8 e Pn 23 10 16.7 +0.6
ISRV Sarvestan 5.61 282l e Pn 23 10 18.8 -0.9

ISRV comp=N,346nm,0.2s e 23 11 54.9
ISRV comp=E,710nm,0.2s e 23 11 56.1

ISRV Sarvestan 5.61 282l e Pn 23 10 18.8 -0.9
GHIR Ghir-Karzin 5.65 271 e Pn 23 10 19.4 -0.6
GHIR Ghir-Karzin 5.65 271 e Pn 23 10 19.4 -0.6
GHIR Ghir-Karzin 5.65 271 e Pn 23 10 19.4 -0.6

TABS Tabas 5.66 340 e Pn 23 10 20.7 +0.5
TABS Tabas 5.66 340 e Pn 23 10 20.7 +0.5
TABS Tabas 5.66 340 e Pn 23 10 20.7 +0.5

TABS Tabas 5.66 340 e Pn 23 10 20.7 +0.5
GEYT Alibeck 9.65 354 Pn Pn 23 11 38.5 +2.4
BVAR Borovoye Array 25.99 15 P P 23 14 52.5 +2.4

KMBO Kilima Mbogo 36.17 22N LR 23 30 51.2
SONM Songoing Array 41.08 49 P P 23 17 07.7 +2.8
TORD Torodi Arr. Bea 55.56 267 P P 23 18 28.6 -3.2

TORD Torodi Arr. Bea 55.56 267 P P 23 18 28.6 -3.2
TORD Torodi Arr. Bea 55.56 267 P P 23 18 28.6 -3.2

ISK 20 23:09:10.2, 37.65N:29.34E, h11km, MD2.8
CSEM 20 23:09:11.2:0.3, 37.66N:29.33E, h8km, MD2.8, Error ellipse: s-maj=7.6km s-min=5.6km az=116.0

YDR 20 23:09:13.4, 37.75N:29.24E, h7km, MD2.9
DDA 20 23:09:13.1:3.2, 37.67N:0103.2935E:0.03, h1km, n11km, n30, n135/44, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h m s, ISC. Rows include DENT, UZP, KHL, KARAHALLI, TURN, KULA, YERKESIK, YER, KORT, FETY, AYDN, ZYNTINKOY, AYD, SHUT, MILAS, DEMIRCI, DEMI, BDRM, TVSB, etc.

ISCJJB 20 23:26:06.8:1.3, 28.24N:0106.5939E:0.1, h10km, Error ellipse: s-maj=18.4km s-min=8.7km az=173.7

THR 20 23:26:06.7:0.4, 28.28N:59.32E, h15km, ML3.8
CSEM 20 23:26:07.9:0.6, 28.27N:59.32E, h10km, ML3.6, Error ellipse: s-maj=16.9km s-min=8.9km az=80.0

TEH 20 23:26:09.8, 28.29N:59.31E, h20km, ML3.6
DSN 20 23:26:09.7:1.6, 28.36N:58.86E, h10km, mb3.0/6, ML4.5/3, Error ellipse: s-maj=42.9km s-min=10.1km az=146.0

ISC 20 23:26:08.3:1.6, 28.26N:0106.5939E:0.08, h10km, n30, n090/30, 2C-2D, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h m s, ISC. Rows include NIAN.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h m s, ISC. Rows include NIAN, NGRK, NGRK, KRBR, KRBR, KRBR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h m s, ISC. Rows include KRBR, KRBR, TVBK, TVBK, CHBR, CHBR, CHBR, etc.

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

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

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

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

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

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

DSN 20 23:46:42.9:1.4, 28.02N:58.90E, h10km, mb2.7/3, ML4.3/1, Error ellipse: s-maj=69.3km s-min=10.4km az=143.0

IDC 20 23:47:49.2:1.1, 28.20N:58.92E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/9, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=34.5km s-min=23.7km az=116.0, Southern Iran

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: BR101, BR101, BRTR, TORO, TOA1. Includes station names, coordinates, and status.

ISCJB 21 00:13:55.3±1.7, 33.0S; 01:178.4W; 0.3, h32km, mb4.2/5, Error ellipse: s-maj=31.4km s-min=13.5km az=11.9

ISC 21 00:13:57.4±1.3, 32.90S; 178.38W, h36km, mb4.0/5, mb1 4.2/6, mb1mx3.8/3.1, mbtmp4.2/6, ML3.8/1, MS3.4/1, MS1 3.4/1, ms1mx2.8/2.5, Error ellipse: s-maj=31.9km s-min=24.2km az=58.0

ISC 21 00:13:57.0±1.3, 33.0S; 01:178.4W; 0.2, h32km, n9, ±19.1/13, mb4.2/5, South of Kermadec Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like URZ, URZ, DZM, CTA, ASAR, ASAR, WRA, WRA, FITZ, QSPA, QSPA, MKAR, FINES, FINES.

IDC 21 00:15:03.4±5.0, 22.68S; 70.14W, h0km, mb3.9/3, mb1 3.8/4, mb1mx3.6/2.2, mbtmp3.8/4, ML3.0/1, Error ellipse: s-maj=10.7km s-min=5.9km az=77.0

ISCJB 21 00:15:25.7±0.6, 21.47S; 0:05.69, 1W; 0.2, h126km, 11km, mb3.7/2, Error ellipse: s-maj=28.1km s-min=7.4km az=3.3

GUC 21 00:15:26.8±0.5, 21.47S; 69.10W, h126km, 4km, ML3.5

ISC 21 00:15:26.5±0.9, 21.46S; 0:05.69, 1W; 0.2, h121km, 13km, n11, ±0.69/17, 5C, Northern Chile

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like PB01, PB01, PB07, PB07, PB04, PB04, PB06, PB06, HMBC, HMBC, PSCG, PSCG, MNMC, MNMC, LPAZ, BDFB, DBIC, TORO, TORO.

IDC 21 00:17:37.9±13.0, 21.01N; 143.07E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.5/3.9, mbtmp3.9/4, Error ellipse: s-maj=377.6km s-min=66.8km az=173.0, Mariana Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like ILAR, ILAR, ARCES, ARCES, FINES, FINES.

ISCJB 21 00:23:13.8±0.9, 6.16S; 0:05.145, 66E; 0.06, h131km, 9km, mb4.5/19, Error ellipse: s-maj=10.7km s-min=7.7km az=12.1

IDC 21 00:23:14.1±0.6, 6.10S; 145.73E, h117km, 5km, mb3.8/10, mb1 3.9/13, mb1mx3.7/3.4, mbtmp4.2/13, MS2.8/2, Ms1 2.8/2, ms1mx2.5/3.1, Error ellipse: s-maj=18.9km s-min=9.2km az=76.0

NEIC 21 00:23:14.3±0.4, 6.12S; 145.66E, mb4.9/10, Error ellipse: s-maj=10.4km s-min=6.5km az=104.0

ISC 21 00:23:14.5±0.6, 6.10S; 0:05.145, 68E; 0.09, h120km, 4km, h120km, P-P, n44, ±19.29/58, mb4.6/20, New Guinea

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like PMG, PMG, MANU, COEN, COEN, FAKI, FAKI, CTAK, CTAK, CTAO, HNR, HNR, SNI, SNI, MTN, WB2, WB2, WRC3, WRC3, WR1, WR1, WRA, WRA, WRA, WRA.

Table with columns: WRA, ASO1, ASAR, ASAR, ASAR, FITZ, FITZ, DZM, STKA, BBOO, CBYH, CBYH, KULM, USRK, CMAR, ULN, SONA, SONA, SONM, MKO1, MKO2, MKAR, MKAR, ZAAO, ZAAO, ZAAO, ZAAO, ZAA1, ZAA1, ZAA1, RSO, TRF, DHY, CCB, BVAR, BVAR, ILAR, ILAR, ILAR, TORO, TORO.

NCC 21 00:23:16.8±3.5, 38.96N; 72.98E, h0km, mb3.7, mpv3.2, 4C-4D, Error ellipse: s-maj=26.0km s-min=20.8km az=165.0, Tajikistan

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like MNAS, MNAS, AAK, AAK, AAK, TKM2, TKM2, TKM2, KK31, KK31, AB31, AKTO.

ISCJB 21 00:32:02.4±0.5, 24.88N; 0:04.122, 89E; 0.02, h134km, 5km, Error ellipse: s-maj=6.5km s-min=2.6km az=164.2

TAP 21 00:32:02.4, 24.91N; 122.89E, h139km, ML4.1, D

JMA 21 00:32:02.4, 24.88N; 122.84E, h139km, 3km, M5.3

ISC 21 00:32:00.7±1.3, 24.91N; 0:05.122, 91E; 0.03, h151km, 7km, n58, ±19.49/100, Taiwan region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like YOJ, YOJ, YJNG, YJNG, TWB1, EGS, IRIF, TWC, TWC, NWF, PCYT, TWE, TWE, ENA, ENA, HATJ, HATJ, JKRS, JKRS, ENT, ENT, JJI, JJI, JISG, JISG, TWS1, TWS1, TWS1, NSK, NSK, TWD, TWD, TWD, NNS.

Table with columns: NNS, HWA, HWA, ESF, JTJ, JTJ, TWT, TWT, ESL, ESL, NNST, NNST, WDT, WDT, EHY, EHY, EHY, TWQ1, TWQ1, TWQ1, JIRB, JIRB, SMLT, SMLT, SMLT, TYC, TYC, TYC, JKM, JKM, TWFI, TWFI, TWFI, WNT, WNT, YUS, YUS, CHKT, CHKT, CHKT, ALS, ALS, CHNS, CHNS, CHNS, ELDTW, ELDTW, ELDTW, WGK, WGK, CHN4, CHN4, STYT, STYT, WTP, WTP, TWG, TWG, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, SGST, LAY, LAY, LAY, EAST, EAST, SCZT, SCZT, PNG, PNG, JKE, JKE, JKE, JAGN, JAGN, JOW, JOW, JOKE, JOKE, JOKE, TOKUNOSHIMA, TOKUNOSHIMA.

IDC 21 00:35:21.8±2.8, 29.26N; 58.85E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/3.4, mbtmp3.6/4, Error ellipse: s-maj=103.9km s-min=26.6km az=150.0

ISCJB 21 00:35:23.6±1.1, 28.3N; 0:1.59, 27E; 0.1, h10km, mb3.4/4, Error ellipse: s-maj=18.0km s-min=10.9km az=147.9

CSEM 21 00:35:25.5, 28.32N; 59.06E, h13km, ML3.7, After TEH

TEH 21 00:35:25.5, 28.32N; 59.06E, h13km, ML3.7

ISC 21 00:35:24.0±1.1, 28.34N; 0:06.59, 0E; 0.1, h10km, n18, ±19.22/18, mb3.6/4, Southern Iran

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like NIAN, NIAN, NIAN, KHSK, KHSK, KHSK, NGRK, NGRK, TVBK, TVBK, GENO, GENO, GENO, KHGB, KHGB, KHGB, IKOO, IKOO, IKOO, IKOO, IKOO, IKOO, NNS, NNS, BVAR, BVAR, SONM, SONM, TORO, TORO.

ISCJB 21 00:46:03.6,0.7,28.63S,0.08,179.8W,0.1, h45km, mb4.0/7, Error ellipse: s-maj=13.3km s-min=10.8km az=174.2

IDC 21 00:46:03.9,0.6,28.62S,179.77W, h441km,7km,mb3.7/7, mb1 3.9/10, mb1mx3.5/10, mbtmp4.6/10, Error ellipse: s-maj=21.5km s-min=14.1km az=164.0

ISC 21 00:46:04.3,0.6,28.7S,0.1,179.7W,0.1, h450km, n23, c080125, mb4.1/7, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, URZ Urewera, DZM Mont Dzumac, etc.

CSEM 21 00:47:55.7, 28.48N, 59.08E, h12km, ML3.5, After TEH TEH 21 00:47:55.7, 28.48N, 59.08E, h12km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIAN Nian, NGRK Negar Kerman, etc.

GUC 21 00:50:06.2,0.3,34.61S,73.25W, h32km, 2km, ML3.6 IDC 21 00:50:07.6, 1.7, 34.72S, 73.30W, h0km, mb3.5/3, mb1 3.8/5, mb1mx3.6/22, mbtmp3.6/5, ML3.5/2, MS3.2/5, Ms1 3.1/5, ms1mx3.0/15, Error ellipse: s-maj=49.4km s-min=30.6km az=77.0

ISC 21 00:50:14.2, 3.8, 34.38S, 0.1, 72.9W, 0.1, h29km, 2.24km, n16, c1819/18, mb3.6/3, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CHPI Pichilemu, LNV Longovilo, NICH Los Niches, etc.

IDC 21 00:57:22.8,0.9,2.27S,136.96E, h0km, mb4.0/12, mb1 4.3/15, mb1mx4.0/41, mbtmp4.1/15, ML4.2/3, MS3.6/20, Ms1 3.6/20, ms1mx3.4/41, Error ellipse: s-maj=35.4km s-min=15.6km az=78.0

DJA 21 00:57:26.4,0.1,3.21N,137.7E, h10km, M4.7/12, mb4.8/12, mb5.2/10, MLv4.9/11, Mw(m)B4.6/10, ms1mx3.0/3/4, Error ellipse: s-maj=164.8km s-min=23.5km az=66.0

ISCJB 21 00:57:27.4, 0.3, 2.41S, 0.04, 136.64E, 0.03, h42km, mb4.3/19, MS3.6/17, Error ellipse: s-maj=5.3km s-min=3.9km az=14.5

NEIC 21 00:57:29.9, 0.9, 2.41S, 136.73E, h51km, 9km, mb4.6/10, Error ellipse: s-maj=7.9km s-min=6.1km az=48.0

ISC 21 00:57:29.2, 0.5, 2.49S, 0.05, 136.68E, 0.05, h42km, n68, c192/65, mb4.1/19, MS3.6/17, Iran Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SRPI Serui, RKPI Raniki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RKPI Kaimana, KMPI Genyem, JAY Jayapura, etc.

ISC 21 01:01:15.3, 1.7, 1.19N, 126.38E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.4/48, mbtmp3.7/4, MS4.5/14, Ms1 3.5/4, ms1mx3.0/3/4, Error ellipse: s-maj=164.8km s-min=23.5km az=66.0

ISCJB 21 01:01:24.2, 1.1, 1.3N, 126.64E, 0.07, h47km, mb3.7/4, MS3.6/4, Error ellipse: s-maj=20.3km s-min=7.6km az=22.9

DJA 21 01:01:24.7, 0.3, 1.1N, 126.7E, h10km, M3.9/11, MLv3.9/11

ISC 21 01:01:22.8, 1.2, 1.29N, 0.09, 126.65E, 0.07, h47km, n16, c237/13, mb3.7/4, MS3.6/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TNTI Ternate, LBMI Labuha, SAGI Sangihe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TNTI Ternate, LBMI Labuha, SAGI Sangihe, etc.

ISC 21 01:01:14.5, 0.8, 28.04N, 60.57E, h0km, ML4.1 IDC 21 01:01:15.0, 0.8, 28.18N, 59.00E, h0km, mb3.8/11, mb1 3.9/13, mb1mx3.6/50, mbtmp3.8/13, ML3.8/10, Ms1 3.0/4, ms1mx2.6/44, Error ellipse: s-maj=25.4km s-min=17.6km az=111.0

ISCJB 21 01:01:36.1, 0.4, 28.30N, 0.04, 59.02E, 0.04, h10km, mb3.7/12, MS2.8/3, Error ellipse: s-maj=5.9km s-min=4.9km az=147.1

DSN 21 01:01:37.6, 2.0, 28.28N, 59.07E, h10km, mb3.4/7, ML4.3/4, Error ellipse: s-maj=52.3km s-min=12.8km az=150.0

CSEM 21 01:01:37.6, 0.2, 28.22N, 59.21E, h10km, ML4.0, Error ellipse: s-maj=9.9km s-min=5.6km az=128.0

NEIC 21 01:01:39.0, 28.27N, 59.21E, h12km, mb3.7/4, MN4.1 (TEH), After TEH TEH 21 01:01:40.2, 28.39N, 59.10E, h11km, ML4.0

ISC 21 01:01:37.0, 0.6, 28.26N, 0.04, 59.06E, 0.05, h10km, n66, c1845/61, mb3.8/12, MS2.9/3, 3C-4D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIAN Nian, KHKH Kohetek, TVBK TV Kerman, etc.

ISCJB 21 02:14:39.3:0.4, 49.86N:0.03:18.37E:0.03, h0km, Error ellipse: s-maj=4.2km s-min=2.4km az=11.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Raciborz, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dobruska-Polom, Smolence, Moravsky, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ujice, Stebnicka Huta, Trest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Trest, Gopcey, Ondr, Pruhonice, etc.

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

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

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

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

ICC 21 02:37:25.6:1.1, 6.60S:150.01E, h0km, mb4.0/6, mb1 4.3/6, mb1mx3.8/4.0, mbtmp4.0/6, MS2.8/2, Ms1 2.8/2, ms1mx2.5/3.4, Error ellipse: s-maj=66.5km s-min=22.5km az=126.0

ISCJB 21 02:37:30.4:1.0, 6.75S:0.3:150.0E:0.3, h43km, mb3.8/5, MS2.8/1, Error ellipse: s-maj=51.2km s-min=11.5km az=44.1

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

ICC 21 02:48:30.9:12.0, 8.53N:102.68W, h0km, mb3.3/4, mb1 3.8/4, mb1mx3.5/2.5, mbtmp3.4/4, MS3.5/2, Ms1 3.5/2, ms1mx2.8/1.8, Error ellipse: s-maj=404.1km s-min=112.8km az=109.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lajitas Array, TXAR, PDAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Wadi Sarin, AAK, MKAR, etc.

ISN 21 03:04:16.6:0.9, 28.07N:60.37E, h0km, ML3.8, ISCJB 21 03:04:35.8:0.8, 28.28N:0.05:59.21E:0.09, h10km, Error ellipse: s-maj=11.8km s-min=6.6km az=12.5

THR 21 03:04:35.2:0.5, 28.27N:59.21E, h15km, ML3.6, CSEM 21 03:04:36.7:0.6, 28.31N:59.28E, h10km, ML3.7, Error ellipse: s-maj=16.1km s-min=9.6km az=92.0

DSN 21 03:04:37.5:1.6, 28.42N:58.98E, h10km, mb3.2/6, ML4.4/2, Error ellipse: s-maj=49.8km s-min=9.1km az=146.0, TEH 21 03:04:42.4, 28.47N:59.13E, h35km, ML3.7

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

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

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

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

BUI 21 03:06:02.4, 46.70N:153.63E, h40km, mb4.5/7, mB4.9/5, KRSC 21 03:06:02.6:2.3, 46.51N:153.35E, h102km, 29km, ML4.4

JMA 21 03:06:07.8:0.4, 46.57N:153.10E, h30km, M4.9, ISCJB 21 03:06:07.8:0.4, 46.80N:0.05:152.84E:0.06, h56km, mb4.1/27, MS3.2/8, Error ellipse: s-maj=8.5km s-min=3.3km az=137.9

MOS 21 03:06:07.6:1.1, 46.81N:152.86E, h54km, mb4.2/15, Error ellipse: s-maj=9.7km s-min=7.0km az=78.5, SKHL 21 03:06:09.2:0.6, 46.81N:152.97E, h62km, gkm, mb4.9/7

NEIC 21 03:06:11.1:0.9, 46.83N:152.78E, h71km, 7km, mb4.2/2, Error ellipse: s-maj=10.5km s-min=6.2km az=139.0, ISC 21 03:06:09.1:0.4, 46.77N:0.06:152.87E:0.06, h56km, n159, s153/166, mb4.0/27, MS3.2/8, 6C-15D, Kuril Islands

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

SHO Shikotan 5.15 238.0 /Pn pmax pmax 03 07 22.9 -0.7, SHO Shikotan 5.15 238.0 /Pn pmax pmax 03 07 22.9 -0.7

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

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

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

21d 3h

Table with columns for station code, frequency, name, and various signal quality metrics (e.g., SNR, error rates).

2010 DEC

Table with columns for station code, frequency, name, and various signal quality metrics (e.g., SNR, error rates).

934

Table with columns for station code, frequency, name, and various signal quality metrics (e.g., SNR, error rates).

21d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DGRG, CLDR, KSD, MSNA, DYDN, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ESPY, KUZU, BIDA, MMLI, etc.

936

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AFSR, KONT, LADK, ANTO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like FALS, VSU, AGG, CJR, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ILAR, FUORN, DAWY, INK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CHMT, MFID, FCC, NV01, etc.

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like D26A Manning, B29A Dugan Ranch, A28A Manning Farm, etc.

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like I33A Coleman, KSCO Kaye Shedlock, G36A Milaca, etc.

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like Z31A Sharp Cattle R, Z30A Sterling City, W33A Caddo, etc.

21d 4h

Table with columns: Station, Name, Frequency, Power, Modulation, and Offset. Includes stations like JAY Jayapura, MDSI Maura Dua, LWLI Liwa, KGM Kluang, LHSI Lahat, XMIS Christmas Isla, etc.

2010 DEC

Table with columns: Station, Name, Frequency, Power, Modulation, and Offset. Includes stations like CHTO Chiang Mai, MORW Morawa, MHMT Maesarieng, CMIA Chiengmai, GYA Guiyang, etc.

940

Table with columns: Station, Name, Frequency, Power, Modulation, and Offset. Includes stations like CNB Canberra Magne, JIRN Jiri, GTA Gaotai, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like H1N3, YK1A, YK1N, etc.

Table with columns: BRTR, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Keskin Array B, TORSD, BOSB, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TKM2, ARSB, ARS, etc.

Table with multiple columns containing station names (e.g., Podgorica, Herceg Novi, Berane, Sjenica, etc.), call signs, frequencies, and other technical details. The table is organized into several vertical sections.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like ORIF, ORIS-EN-RATTIE, HINTERAUFELD, etc.

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

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

ISCJB 21 11:01:49.1-0.3, 32.92N-116.27W, h10km, 4km, Error ellipse: s-maj=3.4km s-min=2.7km az=40.9

NEIC 21 11:01:49.6, 32.92N-116.27W, h13km, ML3.4(PAS), After PAS.

NEIC FEL at El Centro and San Diego. ECX 21 11:01:50.3-0.4, 32.89N-116.27W, h10km, MD3.2, ML3.4

ISC 21 11:01:48.8-0.8, 32.93N-116.24W, 0.02, h16km, 6km, n44, c080/73, 5C-5D, California-Baja California border region

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

JMA 21 11:11:00.0-0.3, 30.40N-138.77E, h494km, M3.4

ISCJB 21 11:11:01.8-0.5, 30.35N-138.6E, 0.1, h450km, mb3.5/5, Error ellipse: s-maj=12.2km s-min=5.6km az=174.4

IDC 21 11:11:02.8-0.9, 30.38N-138.74E, h446km, 19km, mb3.2/5, mb1 3.2/11, mb1mx2.9/47, mbtmp4.0/11, Error ellipse: s-maj=48.9km s-min=10.2km az=74.0

ISC 21 11:11:02.8-0.8, 30.38N-138.7E, 0.1, h450km, n25, c0157/27, mb3.6/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Honshu region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Korea Array region.

AUST 21 11:20:45.7-99.0, 17:50S: 176.87W, h414km, 9km, Error ellipse: s-maj=23.7km s-min=3.8km az=252.0

ISCJB 21 11:21:06.9-0.6, 17:75S: 0.2-178.7W: 0.1, h550km, mb3.9/11, Error ellipse: s-maj=24.9km s-min=7.2km az=151.2

IDC 21 11:21:08.7-1.4, 17:85S: 178.53W, h572km, 17km, mb3.5/11, mb1 3.8/13, mb1mx3.4/35, mbtmp4.4/13, Error ellipse: s-maj=36.9km s-min=9.7km az=151.0

ISC 21 11:21:07.0-0.8, 17:75S: 0.2-178.6W: 0.1, h550km, n37, c1506/38, mb3.9/11, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations across various regions.

CSEM 21 11:53:17.0-2.0, 28:31N:59:29E, h19km, 21km, ML3.6, Error ellipse: s-maj=32.1km s-min=19.4km az=67.0

TEH 21 11:53:19.0, 28:58N:59:06E, h13km, ML3.6, Southern Iran

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Southern Iran region.

ISCJB 21 12:02:09.3: 1.1, 51:41N: 0.04: 16:10E: 0.05, h0km, Error ellipse: s-maj=6.8km s-min=3.8km az=22.3

CSEM 21 12:02:09.9: 0.6, 51:46N: 16:11E: h1km, ML2.8/7, Error ellipse: s-maj=8.9km s-min=5.1km az=2.0

PRU 21 12:02:11.5, 51:40N: 16:16E, h0km

ISC 21 12:02:16.0: 1.5, 51:42N: 0.07: 16:11E: 0.04, h0km, n24, c0563/42, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Poland and other regions.

DDA 21 12:03:35.6, 36:91N:30:64E, h7km, Md2.7

CSEM 21 12:03:36.1: 1.8, 36:95N:30:64E, h2km, MD2.7, Error ellipse: s-maj=50.2km s-min=19.4km az=152.0

ISC 21 12:03:35.0: 2.1, 36:90N: 0.10: 30:70E: 0.06, h9km, n13km, n10, c0975/19, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Turkey and other regions.

ISCJB 21 12:08:59.2: 0.5, 67:08N: 0.02: 20:92E: 0.09, h0km, Error ellipse: s-maj=4.8km s-min=3.2km az=179.4

HE 21 12:08:59.7: 0.2, 67:03N: 20:71E: h0km, ML1.9 Explosion UPP 21 12:09:00.9: 0.1, 67:05N: 20:93E: h0km, ML1.7 Explosion

IDC 21 12:09:03.0: 0.9, 67:00N: 21:94E, h0km, mb1 2.9/4, mb1mx2.8/58, mbtmp2.9/4, ML2.0/3, Error ellipse: s-maj=24.3km s-min=7.7km az=116.0

ISC 21 12:09:06.0: 0.9, 67:07N: 0.03: 20:96E: 0.04, h0km, n26, c090/35, Sweden

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations for Sweden and other regions.

Table with columns: ILAR, Eielson Array, 85.17, 11 P, P, 12 26 54.9 +0.1, comp=Z, 0.2nm, 0.6s, baz=315, slow=5.0, SNR=4.3

Table with columns: ASAR, Alice Springs, 88.58, 118 P, P, 12 27 13.1 +1.0, comp=Z, 0.4nm, 0.8s, baz=315, slow=3.5, SNR=4.5

Table with columns: MEX 21 12:23:00.4, 0.4, 14.54N-92.48W, h20km=105km, MD3.7, Near coast of Chiapas

Table with columns: IDC 21 12:32:24.8, 16.0, 18.95S-173.94W, h0km, mb4.3/5, mb1 4.4/5, mb1mx3.8/40, mbtmp4.3/5, Error ellipse: s-maj=316.0km s-min=151.9km az=79.0, Tonga Islands

Table with columns: ISJCJB 21 12:32:58.5, 0.5, 49.81N-0.04, 18.46E, h0km, Error ellipse: s-maj=5.9km s-min=2.8km az=178.5

Table with columns: ISC 21 12:32:59.0, 8.8, 49.81N-0.04, 18.53E, h0km, n28, 0.891/57, 1C-1D, Czech and Slovak Republics

Table with columns: OKC Ostrava-Krasne, 0.25 278 eP, P, 12 33 06.2 +1.5, comp=Z, 87nm, 0.3s

Table with columns: OKC Ostrava-Krasne, 0.25 278 Pg, P, 12 33 06.2 +1.5, 87nm, 0.3s

Table with columns: MORC Moravsky Berou, 0.64 268 eP, P, 12 33 13.2 +1.0, 85nm, 0.4s, baz=86

Table with columns: OJC Ojcow, 0.92 63 eP, P, 12 33 29.6 +0.2, 26nm, 0.5s

Table with columns: OJC Ojcow, 0.92 63 eP, P, 12 33 29.6 +0.2, 26nm, 0.5s

Table with columns: OJC Ojcow, 0.92 63 eP, P, 12 33 29.6 +0.2, 26nm, 0.5s

Table with columns: OJC Ojcow, 0.92 63 eP, P, 12 33 29.6 +0.2, 26nm, 0.5s

Table with columns: IDC 21 12:43:59.8, 2.4, 36N-127.21E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/43, mbtmp3.3/4, Error ellipse: s-maj=203.0km s-min=21.8km az=67.0, Talaud Islands

Table with columns: PIP Pasuquin, 0.99 211 P, P, 12 48 51.5 +0.6, comp=Z, 2.24nm, 18.3s, baz=110, slow=35

Table with columns: ISK 21 12:58:45.0, 37.72N-42.71E, h3km, MD2.6, CSEM 21 12:58:46.7, 0.4, 37.69N-42.68E, h5km, MD2.4, Error ellipse: s-maj=12.8km s-min=5.7km az=7.0

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

Table with columns: SIRT Sirmak, 0.34 224 eP, P, 12 58 52.0 +0.4, 1.9nm, 0.3s, baz=90, slow=11, SNR=9.5

Table with columns: AUST 21 13:03:42.0, 6.2, 0.74S-123.48E, h0km, Error ellipse: s-maj=1.5km s-min=0.9km az=18.0

Table with columns: IDC 21 13:03:46.4, 0.0, 0.70S-123.42E, h0km, n40, 0.126/43, mb3.9/7, Minahassa Peninsula, Sulawesi

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: LUWI Luwuk, 0.73 242 P, P, 13 03 55.1 -5.6, 3.9nm, 0.7s, 589nm

Table with columns: IDC 21 13:31:41.9, 0.9, 9.84N-121.31E, h0km, mb3.5/8, mb1 3.8/8, mb1mx3.6/41, mbtmp3.5/8, MS2.8/1, Ms1 3.0/1, ms1mx2.3/39, Error ellipse: s-maj=34.6km s-min=19.4km

Table with columns: IDC 21 13:31:47.3, 0.8, 19.97N-107.121E, h40km, n12, 0.154/12, mb3.4/8, Philippine Islands region

Table with columns: SGCP Mt. Cagua, 1.81 161 eP, Pn, 13 32 15.7 -0.3, comp=Z, 2.24nm, 18.3s, baz=110, slow=35

Table with columns: NIED 21 13:54:00.39, 50N, 144.60E, h0km, Mw3.4, Best double couple: M1=1.50000-1.04, NP1=0.100000, S=40.0000, -1.64.00000, NP2=0.157.00000, S=55.00000, -1.11.00000

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

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

Table with columns: IDC 21 13:54:09.7, 6.9, 36.62N-142.37E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.3/51, mbtmp3.5/4, ML3.3/1, MS2.2/2, Ms1 2.2/2, ms1mx2.1/51, Error ellipse: s-maj=127.7km s-min=48.5km az=152.0

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

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

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

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

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

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

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

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

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

Table with columns: TIAR, Station Name, Azimuth, Elevation, Code, Time, and other parameters. Includes stations like Tiarei, Taravao, Tubuai, etc.

ADC 21 14:07:44.0, 2.76N, 95.83E, h0km, mb5.0/42, mb1.5/046, mb1mx5.0/50, mbtmp5.0/46, ML4.7/4, MS5.6/41, Ms1.5/6/41, ms1mx5.5/52, Error ellipse: s-maj=10.9km s-min=8.5km az=28.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like Sinabang, Aceh, Meulaboh, etc.

Main table with columns: TRTT, Station Name, Azimuth, Elevation, Code, Time, and other parameters. Includes stations like Trang, Krabi, Songkhla, etc.

Table with columns: PANO, Station Name, Azimuth, Elevation, Code, Time, and other parameters. Includes stations like Nakornpanom, Nongkhai, Bantua, etc.

21d 14h

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR+7.4, etc.).

2010 DEC

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR+7.4, etc.).

960

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR+7.4, etc.).

21d 14h

Table with columns: EKA, Eskdaleuir Ar, 92.90 326, P, P, 14 20 58.8 -0.8, SUMG, comp=Z,3um,21.0s, LR, LR

2010 DEC

Table with columns: SUMG, comp=Z,3um,21.0s, LR, LR, 99.51 26, PFAKE, LR, 14 21 40.0 +10

962

Table with columns: G06A, comp=Z,2um,20.0s, LR, LR, 122.35 23, PFAKE, LR, 14 26 50.0 +7.9

WLHM	Little Horse	129.90	36	ePKPpre	PKPpre	14 26 48.7	
RSSD	Black Hills	130.09	19	ePKIKP	PKPpdf	14 26 57.5 +0.3	
RSSD	Black Hills	130.09	19	ePKPpdf	PKPpdf	14 26 57.5 +0.3	
WWPM	Walker Pass	130.32	37	ePKPpre	PKPpre	14 26 48.7	
NLU	North Lily Min	130.42	28	ePKPpdf	PKPpdf	14 26 59.8 +1.9	
PKME	Peaks-Kenny Pk	130.42	346	PFAKE	LR	14 27 10.0 +13	
RMWC	Renegade Canyo	130.43	36	ePKPpre	PKPpre	14 26 48.7	
MPCM	Manual Prospec	130.45	36	P	PKPpdf	14 26 58.9 +0.8	
K22A	Casper	130.52	22	PFAKE	LR	14 27 10.0 +12	
PTCN	Pitcairn Islan	130.54	121	PFAKE	LR	14 27 10.0 +12	
OSI	Osito Adit	130.69	38	PFAKE	LR	14 27 10.0 +12	
F36A	Milaca	130.92	9	P	PKPpdf	14 26 58.0 -0.5	
PASC	Pasadena Art C	131.31	38	PFAKE	LR	14 27 10.0 +10	
TMUT	Trail Mountain	131.35	28	ePKPpdf	PKPpdf	14 27 00.9 +1.1	
GSC	Goldstone	131.37	36	eSKPbc	SKPab	14 30 24.7 +1.2	
P17A	Butcher Ranch	131.43	28	PFAKE	LR	14 27 10.0 +10	
SHPR	Sheep Range	131.46	34	ePKPpdf	PKPpdf	14 27 01.6 +1.7	
MSU	Marysvalle	131.50	29	ePKIKP	PKPpdf	14 27 01.2 +1.2	
P18A	Marysvalle	131.50	29	ePKPpdf	PKPpdf	14 27 01.2 +1.2	
CCUT	Preston Nutter	131.53	27	PFAKE	LR	14 27 10.0 +10	
CCUT	Cedar City	131.64	31	ePKPpdf	PKPpdf	14 27 02.9 +2.6	
SPMN	St. Paul	131.65	8	PFAKE	LR	14 27 10.0 +10	
RCBR	Riachuelo	131.78	265	PFAKE	LR	14 27 10.0 +9.0	
SRU	San Rafael	131.82	28	PFAKE	LR	14 27 10.0 +9.4	
O20A	White River Ci	131.99	25	P	PKPpdf	14 27 00.8 -0.1	
O20A	White River Ci	131.99	25	ePKPpdf	PKPpdf	14 27 01.9 +1.0	
PHWY	Pilot Hill	132.09	22	PFAKE	LR	14 27 10.0 +8.8	
LONY	Lake Ozonia	132.10	351	PFAKE	LR	14 27 10.0 +9.3	
N23A	Red Feather La	132.26	22	PFAKE	LR	14 27 10.0 +8.5	
ECSD	EROS Data Cent	132.43	12	P	PKPpdf	14 27 00.7 -0.6	
ECSD	EROS Data Cent	132.43	12	ePKPpdf	PKPpdf	14 27 00.7 -0.6	
SADO	Sadowa	132.51	355	PFAKE	LR	14 27 10.0 +8.6	
LDFC	Landfair	132.51	35	PFAKE	LR	14 27 10.0 +8.1	
GLMI	Graying	132.67	0	PFAKE	LR	14 27 10.0 +8.2	
NCB	Newcomb	132.67	350	PFAKE	LR	14 27 10.0 +8.2	
PFO	Pinyon Flat Ob	132.75	37	PFAKE	LR	14 27 10.0 +7.6	
CTCO	Cactus City	133.00	37	ePKPpre	PKPpre	14 26 53.0	
SMCO	Snowmass	133.32	24	PFAKE	LR	14 27 20.0 +16	
ISCO	Idaho Springs	133.33	23	ePP	PP	14 29 29.4 -0.4	
WUAZ	Wupatki	134.23	31	PFAKE	LR	14 27 20.0 +15	
Q24A	Divide	134.24	23	PFAKE	LR	14 27 20.0 +15	
JFWS	Jewell Farm	134.25	6	PFAKE	LR	14 27 20.0 +15	
BGNE	Belgrade	134.27	15	PFAKE	LR	14 27 20.0 +15	
MVCO	Mesa Verde	134.29	27	ePKPpdf	PKPpdf	14 27 06.3 +1.0	
S22A	4UR Ranch, Cre	134.59	25	PFAKE	LR	14 27 20.0 +14	
BINY	Binghamton	134.68	351	PFAKE	LR	14 27 20.0 +14	
SCIA	State Center	134.83	10	PFAKE	LR	14 27 20.0 +14	
YLE	Yale	135.00	348	PFAKE	LR	14 27 20.0 +14	
KSCO	Kaye Shedlock	135.13	20	PFAKE	LR	14 27 20.0 +13	
SDCO	Great Sand Dun	135.14	24	PFAKE	LR	14 27 20.0 +13	
AAM	Ann Arbor	135.19	359	PFAKE	LR	14 27 20.0 +13	
W18A	Petrified Fore	135.38	30	PFAKE	LR	14 27 20.0 +13	
T25A	Trinidad	136.11	24	PFAKE	LR	14 27 20.0 +11	
CBKS	Cedar Bluff	136.25	18	PFAKE	LR	14 27 20.0 +11	
SSPA	Standing Stone	136.47	353	PFAKE	LR	14 27 20.0 +11	
KSU1	Kansas State U	136.84	14	PFAKE	LR	14 27 20.0 +10	
MVL	Millersville	136.89	351	PFAKE	LR	14 27 20.0 +10	
TUC	Tucson	136.98	34	PFAKE	LR	14 27 20.0 +10	
SFIN	Scholer Farm	137.03	3	PFAKE	LR	14 27 20.0 +10	
ANMO	Albuquerque	137.09	27	PKP	PKPpdf	14 27 10.8 +0.2	
ANMO	Albuquerque	137.09	27	ePKIKP	PKPpdf	14 27 11.6 +1.0	
ANMO	Albuquerque	137.09	27	ePKPpdf	PKPpdf	14 27 11.6 +1.0	

ACSO	Alum Creek Sta	137.25	359	PFAKE	LR	14 27 20.0 +10	
Y22D	IRIS PASSCALI	137.59	28	PFAKE	LR	14 27 20.0 +8.5	
MCWV	Mont Chateau	137.65	355	PFAKE	LR	14 27 20.0 +8.8	
BLO	Bloomington	138.26	3	PFAKE	LR	14 27 20.0 +7.7	
SLM	Saint Louis	138.47	7	PFAKE	LR	14 27 20.0 +7.3	
OLIL	Olney	138.59	5	PFAKE	LR	14 27 20.0 +7.1	
CBN	Corbin	138.80	352	PFAKE	LR	14 27 30.0 +17	
SPB	Sao Paulo	138.86	237	PFAKE	LR	14 27 30.0 +16	
AMTX	Amarillo	139.14	22	PFAKE	LR	14 27 30.0 +16	
WCI	Wyandotte Cave	139.21	3	PFAKE	LR	14 27 30.0 +16	
HSIG	Guthrie	139.31	37	PFAKE	LR	14 27 30.0 +15	
TRQA	Tornquist	139.38	207	PFAKE	LR	14 27 30.0 +16	
USIN	University of	139.39	4	PFAKE	LR	14 27 30.0 +16	
SIUC	Southern Illin	139.50	6	PFAKE	LR	14 27 30.0 +15	
MSTX	Muleshoe	139.52	24	PFAKE	LR	14 27 30.0 +15	
V34A	Guthrie	139.67	17	PFAKE	LR	14 27 30.0 +15	
X31A	McDonald Ranch	139.99	20	P	PKPpre	14 27 07.3	
W33A	Caddo, Fort Co	140.01	18	P	PKPpre	14 27 08.3	
TUL1	Tulsa	140.06	15	PFAKE	LR	14 27 30.0 +14	
BLA	Blacksburg	140.12	355	PFAKE	LR	14 27 30.0 +14	
V36A	Jenks	140.14	15	P	PKPpdf	14 27 09.3 -6.6	
W34A	Bridge Creek	140.15	17	PFAKE	LR	14 27 30.0 +14	
PLCA	Paso Flores	140.21	196	PKP	PKPpdf	14 27 16.0 +0.1	
PLCA	Paso Flores	140.21	196	PKIKP	PKPpdf	14 27 16.0 +0.1	
MNTX	Cornudas Mount	140.28	29	ePKPpdf	PKPpdf	14 27 14.3 -2.0	
PBMO	Poplar Bluff	140.28	8	PFAKE	LR	14 27 30.0 +14	
WMOK	Wichita Mounta	140.29	19	ePKHKP	PKPpre	14 27 08.5	
WMOK	Wichita Mounta	140.29	19	ePKPpre	PKPpre	14 27 08.5	
W38A	Poteau	141.18	14	P	PKPpre	14 27 11.1	
WVT	Waverly	141.20	5	ePKHKP	PKPpre	14 27 11.5	
WVT	Waverly	141.20	5	ePKPpre	PKPpre	14 27 11.5	
X37A	Clayton	141.43	15	P	PKPpre	14 27 12.9	
X38A	Whitesboro	141.49	14	P	PKPpre	14 27 13.2	
CNNC	Cliffs of the	141.79	352	PFAKE	LR	14 27 30.0 +11	
MIAR	Mount Ida	141.89	13	ePKIKP	PKPpre	14 27 14.0	
MIAR	Mount Ida	141.89	13	P	PKPpre	14 27 14.8	
MIAR	Mount Ida	141.89	13	ePKPpre	PKPpre	14 27 14.0	
ABTX	Abilene, Hawie	141.92	21	PFAKE	LR	14 27 30.0 +11	
UALR	University of	141.92	11	PFAKE	LR	14 27 30.0 +11	
MET	Memphis-Engin	141.97	8	PFAKE	LR	14 27 30.0 +11	
BDFB	Brasilia	142.15	248	PKP	PKPpdf	14 27 19.8 -0.3	
BDFB	Brasilia	142.15	248	PKIKP	PKPpdf	14 27 19.8 -0.3	
BDFB	Brasilia	142.15	248	PKP	PKPpdf	14 27 19.8 -0.3	
BDFB	Brasilia	142.15	248	ePKPpdf	PKPpdf	14 27 28.1 -1.0	
SWET	Sewanee	142.23	2	PFAKE	LR	14 27 30.0 +10	
KMSC	Kings Mountain	142.25	356	PFAKE	LR	14 27 30.0 +10	
OXF	Oxford	142.64	7	PFAKE	LR	14 27 30.0 +10	
233A	Rising Star	142.73	21	P	PKPpre	14 27 16.1	
332A	Millersview	142.99	22	P	PKPpre	14 27 16.8	
TX31	Lajitas Ar. Si	143.06	29	ePKPpre	PKPpre	14 27 18.3	
TXAR	Lajitas Aray	143.06	29	PKP	PKPpre	14 27 18.8 +0.6	
TXAR	Lajitas Aray	143.06	29	PKIKP	PKPpre	14 27 18.8 +0.6	
JSC	Jenkinsville	143.10	356	PFAKE	LR	14 27 30.0 +8.8	
330A	Richard Sprin	143.33	21	P	PKPbc	14 27 18.5 -0.2	
330A	J-C Ranch, Com	143.43	25	P	PKPbc	14 27 19.4 +0.3	
334A	Lometa	143.59	21	P	PKPab	14 27 19.0 +0.3	
SLBS	Sierra La Lagu	143.69	42	ePKPpdf	PKPpdf	14 27 21.5 -1.1	
531A	Rocksprings	143.75	24	P	PKPab	14 27 19.5 +0.1	
JCT	Junction City	143.77	23	ePKIKP	PKPab	14 27 19.3 -0.1	
JCT	Junction City	143.77	23	P	PKPbc	14 27 19.9 -0.2	
JCT	Junction City	143.77	23	ePKPpdf	PKPab	14 27 19.3 -0.1	
433A	Art	143.80	22	P	PKPab	14 27 19.3 -0.2	

HPIG		143.95	34	ePKPpdf	PKPbc	14 27 21.6 +0.7	
336A	Riesel	144.00	19	P	PKPab	14 27 20.2 0.0	
532A	Rocksprings	144.04	24	P	PKPab	14 27 20.3 -0.2	
434A	Burnet	144.05	21	P	PKPab	14 27 20.6 +0.2	
GOGA	Godfrey	144.06	359	PFAKE	LR	14 27 30.0 +7.1	
NHSC	New Hope	144.17	354	PFAKE	LR	14 27 30.0 +6.9	
NATX	Nacodogoches	144.29	15	PFAKE	LR	14 27 40.0 +17	
LRLAL	Lakeview Retre	144.34	4	ePKPpdf	PKPbc	14 27 21.6 -0.1	
631A	Perdido Creek	144.40	25	P	PKPbc	14 27 22.1 +0.1	
436A	Wall Ranch, Ga	144.59	19	P	PKPbc	14 27 22.9 +0.4	
632A	Uvalde	144.64	24	P	PKPbc	14 27 23.2 +0.4	
534A	Blanco	144.68	22	P	PKPbc	14 27 22.9 0.0	
VBMS	Vicksburg	144.74	9	P	PKPpdf	14 27 24.0 -0.1	
437A	Phantom Ranch	144.74	18	P	PKPpdf	14 27 23.7 -0.4	
340A	Bronson	144.82	15	P	PKPbc	14 27 23.8 +0.5	
633A	Saathoff Ranch	144.92	23	P	PKPbc	14 27 24.0 +0.3	
438A	Sam Houston St	145.02	17	P	PKPpdf	14 27 24.4 -0.3	
CPUP	Villa Florida	145.15	225	PKPbc	PKPpdf	14 27 25.1 +0.2	
CPUP	Villa Florida	145.15	225	PKIKP	PKPpdf	14 27 25.2 +0.2	
439A	Center Grove,	145.18	16	P	PKPab	14 27 24.6 +0.1	
732A	Laxson Ranch,	145.25	25	P	PKPpdf	14 27 25.3 +0.2	
440A	Kirbyville	145.44	15	P	PKPab	14 27 25.6 +0.1	
733A	Divot King Ran	145.53	24	P	PKPab	14 27 26.2 +0.3	
832A	Faith Ranch, C	145.63	25	P	PKPab	14 27 26.7 +0.4	
HKT	Hockley	145.65	18	ePKIKP	PKPpdf	14 27 24.5 -1.2	
HKT	Hockley	145.65	18	ePKP	PKPpdf	14 27 24.5 -1.2	
636A	Smothers Creek	145.69	20	P	PKPab	14 27 27.0 +0.6	
833A	Chaparral WMA,	145.84	24	P	PKPab	14 27 27.4 +0.4	
637A	Eagle Lake	145.97	19	P	PKPab	14 27 28.4 +1.0	
TIGA	Tifton	146.03	359	P	PKPbc	14 27 27.9 +0.3	
TIGA	Tifton	146.03	359	ePKPbc	PKPbc	14 27 27.3 +0.2	
736A	Circle Diamond	146.16	21	P	PKPab	14 27 28.7 +0.5	
BRAL	Brewton	146.35	4	ePKPbc	PKPab	14 27 28.6 -0.3	
834A	Tilden	146.36	23	P	PKPab	14 27 29.5 +0.5	
835A	Beeville	146.49	22	P	PKPab	14 27 30.3 +0.8	
933A	Laredo	146.52	25	P	PKPab	14 27 30.0 +0.3	
934A	Benavides	146.84	24	P	PKPab	14 27 30.9 +0.1	
KVTX	Kingsville	147.13	23	PFAKE	LR	14 27 40.0 +8.0	
034A	Hebbornville	147.25	24	P	PKPbc	14 27 31.6 +0.8	
ZAIG	Zacatas	148.95	34	ePKPbc	PKP		

21d 15h

Table with columns: LPAZ, comp, PKPab, PKPab, 14 28 31.2 +7.3, 14 27 47.7 +0.9, 14 28 00.0 +1.0, 14 28 00.0 +6.4, 14 28 00.0 +6.2, 14 28 10.0 +1.3

BEO 21 14:14:10.9,0.3,43.15N,18.94E, h0km, ML1.8/6, 2C, Northwestern Balkan Peninsula

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

ISCJB 21 14:16:29.8,0.4,37.84N,0.03,27.29E,0.03,h9km,5km, Error ellipse: s-maj=5.8km s-min=4.2km az=27.9

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

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

ISC 21 14:23:37.3,1.1,0.156S,178.95W, h0km, mb3.8/2, mb1.4/0.2, mb1mx3.5/26, mbtmp3.8/2, MS4.0/1, Ms1.4/0.1, ms1mx3.2/29, Error ellipse: s-maj=560.5km s-min=42.2km az=140.0, Fiji Islands region

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

ISC 21 14:47:47.4,7.9,16.55S,177.98W, h0km, mb3.7/2, mb1.4/0.2, mb1mx3.5/26, mbtmp3.7/2, Error ellipse: s-maj=390.7km s-min=43.2km az=141.0, Fiji Islands region

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

ISCJB 21 15:00:33.3,0.7,12.85S,0.06,127.36E,0.08,h10km, mb3.6/5, Error ellipse: s-maj=11.5km s-min=7.8km az=163.1

ISC 21 15:00:34.9,1.0,12.73S,127.16E, h0km, mb3.7/5, mb1.4/0.9, mb1mx3.8/29, mbtmp3.9/8, ML3.9/4, Error ellipse: s-maj=33.6km s-min=15.6km az=81.0

AUST 21 15:00:42.0,0.0,13.13S,127.34E, h10km, Error ellipse: s-maj=0.2km s-min=0.1km az=322.0

ISC 21 15:00:35.8,0.9,12.81S,0.07,127.17E,0.09,h10km,n20, r185S/20, mb3.8/5, South of Timor

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

2010 DEC

Table with columns: WB2, W3C, WR4, WR9, WRO, SJU, ASAR, ASAR, NWA0, STKA, CMAR, MKAR, ZALV

ISC 21 15:06:04.6,13.0,8.17S,13.47W, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.5/25, mbtmp3.6/3, MS4.4/1, Ms1.4/4.1, ms1mx3.4/8, Error ellipse: s-maj=321.9km s-min=18.3km az=172.0, Ascension Island region

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

ISC 21 15:19:43.8,1.9,2.21N,95.59E, h0km, mb3.4/4, mb1.3/5/6, mb1mx3.3/55, mbtmp3.3/6, ML3.4/2, Error ellipse: s-maj=201.9km s-min=21.9km az=55.0

ISCJB 21 15:19:49.3,1.0,2.66N,0.07,95.84E,0.07,h25km, mb3.3/4, Error ellipse: s-maj=11.3km s-min=8.7km az=40.1

DJA 21 15:19:53.1,0.8,3.1N,5.96E, h32km,6km, M3.6/7, mb4.0/1, MLV3.4/7

ISC 21 15:19:50.4,1.3,2.62N,0.07,95.9E,0.1,h25km,n18, r113/14, mb3.4/4, Off west coast of northern Sumatra

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

ISCJB 21 15:29:26.9,0.6,50.16N,104.192E,0.03,h0km, Error ellipse: s-maj=6.5km s-min=2.6km az=9.0

CSEM 21 15:29:27.0,0.3,50.15N,19.06E,h2km,ML2.7/7, Error ellipse: s-maj=8.3km s-min=3.3km az=7.0

PRU 21 15:29:28.7,0.14N,19.05E, h0km, n29, r085/45, Poland

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

964

Table with columns: GOPC, GOPC, PVCC, PVCC, PRU, PRU, KHC, KHC

ATH 21 15:30:56.9,40.51N,24.13E, h10km,5km, MD2.6/6, THE 21 15:30:56.7,40.50N,24.12E, h17km,2km, ML1.7/5, Error ellipse: s-maj=2.8km s-min=1.0km az=113.0

CSEM 21 15:30:56.6,0.1,40.49N,24.10E, h15km,ML1.7, Error ellipse: s-maj=2.1km s-min=1.8km az=129.0

ISCJB 21 15:30:57.0,0.8,40.50N,0.03,24.12E,0.04,h14km,6km, Error ellipse: s-maj=6.1km s-min=4.9km az=151.7

ISC 21 15:30:56.9,0.9,40.51N,0.03,24.11E,0.02,h16km,8km, n23, r026/46, Aegean Sea

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

ISCJB 21 15:44:14.4,0.3,36.92N,0.07,134.59E,0.08, h395km,4km, mb3.5/21, Error ellipse: s-maj=12.2km s-min=10.0km az=154.7

JMA 21 15:44:14.5,0.1,36.91N,134.59E, h395km,1km, M3.6, IDC 21 15:44:15.2,0.0,36.87N,134.55E, h392km,9km, mb3.2/20, mb1.3/4/24, mb1mx3.3/54, mbtmp4.0/24, Error ellipse: s-maj=12.0km s-min=10.2km az=124.0

ISC 21 15:44:15.2,0.0,36.94N,0.08,134.61E,0.07,h388km,6km, n34, r085/44, mb3.7/21, Sea of Japan

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

21d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GIRL, CBJI, CTA, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BJI, LZH, HHC, etc.

966

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MJAR, MAT, ASAJ, ASAHIKAWA, etc.

IDC 21 17:10:23.2±10.0, 4.30S±153.62E, h134km, 63km, mb3.3/3, mb1.3/4, mb1mx3.1/46, mbtmp3.9/4, Error ellipse: s-maj=69.0km s-min=74.6km az=174.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, ASAR, STKA.

IDC 21 17:16:07.7±1.1, 11.96N±43.80E, h0km, mb3.7/11, mb1.3/8/12, mb1mx3.7/51, mbtmp3.7/51, ML3.3/1, Error ellipse: s-maj=38.2km s-min=14.6km az=145.0

ISC 21 17:16:07.9±1.6, 11.9N±02.438E±0.2, h4km, n17, s109/15, mb3.7/12, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ATD, FURI, WSAR, EIL, ASF, MMAI, AKASA, TORD, GERES, BVAR, MKAR, KURBB, ZALV, CMAR, NOA.

BJI 21 17:16:33.4±1.1, 7.19N±43.01E, h10km, mb4.3/8, mb4.7/5, ISC/BJ 21 17:16:37.6±0.7, 7.1°N±43.01E±0.08, h4km, mb4.4/21, Error ellipse: s-maj=14.8km s-min=9.5km az=26.6

IDC 21 17:16:38.5±1.9, 11.87N±43.82E, h0km, mb4.0/11, mb1.4/1/2, mb1mx3.9/49, mbtmp4.0/12, ML3.6/1, Error ellipse: s-maj=40.6km s-min=21.7km az=178.0

NEIC 21 17:16:40.6±0.6, 12.00N±43.85E, h10km, mb4.5/11, Error ellipse: s-maj=12.5km s-min=9.4km az=31.0

ISC 21 17:16:39.7±1.0, 12.0N±01.439E±0.1, h4km, n44, s105/45, mb4.2/21, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAYN, WSAR, MSEY, ASF, BRTR, BR231, ANTO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KBZ, KIV, TIRR, KKAR, BUR04, EKS2, KOLD, AKASO, AAK, AAK, TORD, DMN, KKN, PKI, GUN, RAMN, OJC, MORC, TAPN, GEC2, GERES, ZRENK, ZRNS, BVAR, MAK2, MK01, MKAR, KURBB, KURK, WMQ, WMQ, ZAAO, ZALV, CMAR, CM01, GTA, GTA, HHC, HHC, HHC, CBJJ.

NIED 21 17:19:00.27±10N, 143.90E, h5km, Mw7.3 Best double couple: M0.690000±0.19 N P1.03±0.00000°, 846.00000°, λ-46.00000°; NP2.0±0.107, 0.00000°, 859.00000°, λ-126.00000°

JMA 21 17:19:37.2±0.1, 27.05N±143.94E, h8km, M7.8 JMA Felt IV J1

ISC/BJ 21 17:19:38.5±0.5, 26.92N±0.01±143.76E±0.01, h9km±3km, s-maj=6.8km s-min=4.3

MOS 21 17:19:38.9±0.9, 26.96N±143.73E, h1km, mb7.2/9/4, MS7.5/23, Error ellipse: s-maj=5.7km s-min=3.4km az=109.5

IDC 21 17:19:38.2±0.3, 26.87N±143.87E, h0km, mb6.1/43, mb1.6/2/48, mb1mx3.2/49, mbtmp6.1/48, ML5.9/4, MS7.3/58, Ms1.7/58, ms1mx7.2/70, Error ellipse: s-maj=10.6km s-min=9.6km az=81.0

GCMT 21 17:19:40.7±0.1, 27.10N±143.76E, h1km, MW7.4/143, Moment Tensor Solution: s137 c324; s143 c688; Duration: 126 Moment tensor: Scale 10^20Nm; Mr-1.17±0.1; Mw0.47±0.1; Mw0.70±0.1; Mw-1.04±0.6; Mw-1.04±0.0; Mw-0.98±0.7; Best double couple: M0.1758000±0.102 N P1.0±345.00000°, 864.00000°, λ-58.00000°; NP2.0±110.00000°, 840.00000°, λ-137.00000°; Principal axes: T 1.7800, Plg13.0000°, Azm53.0000°; N -0.0460, Plg28.0000°, Azm150.0000°; P -1.7370, Plg58.0000°, Azm301.0000°; nstla refers to body waves, cutoff=50s. nstla2 refers to surface/mantle waves, cutoff=50s.

NEIC 21 17:19:40.7±0.1, 26.90N±143.70E, h14km, mb7.0/296, ME7.6, MS7.5/299, MW7.4, MW7.3(NIED), Error ellipse: s-maj=2.7km s-min=2.3km az=145.0 Broadband fault plane solution: P waves, NP1.0±74.00000°, 867.00000°, λ-158.00000°; NP2.0±335.00000°, 870.00000°, λ-25.00000°; Principal axes: T Plg2.0000°, Azm25.0000°; N Plg0.0000°, Azm0.0000°; P Plg32.0000°, Azm294.0000°; Complex earthquake observed on broadband displacement seismograms. A small event is followed by a larger event about 3 seconds later. Depth from synthetics of broadband displacement seismograms based on larger event. Energy computed from BB mechanism.

NEIC Felt at Agui, Chiba, Kawasaki, Miitaka, Yokohama and Yokosuka, Honshu. Recorded [4 JMA] in the Chichijima-retto and Hahajima-retto. Recorded [2 JMA] in Chiba, Fukushima, Ibaraki, Iwate, Kanagawa, Miyagi, Niigata, Saitama, Tochigi, Yamagata and Yamanashi; [1 JMA] in Akita, Aomori, Gumma, Nagano and Shizuoka, Honshu. Also recorded [1 JMA] in eastern and southeastern Hokkaido and on Aogo-shima, Hachijo-jima, Kozu-shima, Mikura-jima, Miyake-jima, Niirajima and O-shima.

BJI 21 17:19:41.7±0.2, 27.06N±143.30E, h14km, mb6.9/64, mb7.5/65, MS7.6/96, MS7.5/86

NEIC 21 17:19:41.0±0.0, 26.87N±143.74E, h15km, Moment Tensor Solution: s36 Moment tensor: Scale 10^20Nm; Mr-1.01; Mw0.32; Mw0.69; Mw-0.30; Mw-1.04; Mw-0.12; Best double couple: M0.140000±0.102 N P1.0±116.00000°, 852.00000°, λ-123.00000°; NP2.0±344.00000°, 848.00000°, λ-53.00000°; Principal axes: T 1.5700, Plg2.0000°, Azm230.0000°; N -0.4000, Plg26.0000°, Azm139.0000°; P -1.1700, Plg63.0000°, Azm324.0000°

NEIC 21 17:20:07.3±0.0, 27.34N±144.11E, h10km, Best double couple: NP1.0±117.00000°, 833.00000°, λ-124.00000°; NP2.0±337.00000°, 863.00000°, λ-70.00000°; Principal axes: T 1.5500, Plg16.0000°, Azm52.0000°; N -0.3500, Plg18.0000°, Azm147.0000°; P -1.2000, Plg66.0000°, Azm284.0000°

ISC 21 17:19:41.2±0.3, 26.90N±0.03±143.71E±0.03, h14km±1km, h13km±PP, n2739, s1961/2918, mb7.0/600, MS7.5/514, 160C-172D, Bonin Islands region

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

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MJARS 21 17:19:00.27±10N, 143.90E, h5km, Mw7.3 Best double couple: M0.690000±0.19 N P1.03±0.00000°, 846.00000°, λ-46.00000°; NP2.0±0.107, 0.00000°, 859.00000°, λ-126.00000°

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MOS 21 17:19:38.9±0.9, 26.96N±143.73E, h1km, mb7.2/9/4, MS7.5/23, Error ellipse: s-maj=5.7km s-min=3.4km az=109.5

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NEIC 21 17:20:07.3±0.0, 27.34N±144.11E, h10km, Best double couple: NP1.0±117.00000°, 833.00000°, λ-124.00000°; NP2.0±337.00000°, 863.00000°, λ-70.00000°; Principal axes: T 1.5500, Plg16.0000°, Azm52.0000°; N -0.3500, Plg18.0000°, Azm147.0000°; P -1.2000, Plg66.0000°, Azm284.0000°

ISC 21 17:19:41.2±0.3, 26.90N±0.03±143.71E±0.03, h14km±1km, h13km±PP, n2739, s1961/2918, mb7.0/600, MS7.5/514, 160C-172D, Bonin Islands region

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21d 17h

2010 DEC

968

Table with columns for station name, SNR, frequency, and other parameters. Includes stations like KSPHA Pohang, KSMAS Masan, KSVOC YEONGCHEON, etc.

Table with columns for station name, SNR, frequency, and other parameters. Includes stations like KUR comp=N,394um,12.6s, KUR comp=Z,1356um,13.0s, MSHR Mys Shultsa, etc.

Table with columns for station name, SNR, frequency, and other parameters. Includes stations like H11S2 WAKE ISLAND Hy 22.78 107, H11S2 WAKE ISLAND Hy 22.78 107, PIP Pasuquin, etc.

21d 17h

Table with columns for call sign, name, frequency, and other parameters. Includes entries like CHTO Chiang Mai, CM01 Chiang Mai Arr, and CTAO Charters Tower.

2010 DEC

Table with columns for call sign, name, frequency, and other parameters. Includes entries like WOJI Wogogiri, PKDT Phuket, and ZALV Zalesovo Beam.

970

Table with columns for call sign, name, frequency, and other parameters. Includes entries like ZALV Jiri, GUN Gumba, and BRK Bradley Lake.

DYBS	Diyarbakir	83.68	309	eP	P	17 32 10.5	+0.7
MAZI	Mazidag	83.71	309	eP	P	17 32 10.3	+0.2
PTK	Pertek	83.74	310	eP	P	17 32 04.4	-5.9
IRM	Iron Mountain	83.78	55	eP	P	17 32 09.7	-0.6
IRM	Iron Mountain	83.78	55	eP	P	17 32 09.7	-0.6
IBP	Imperial Bowl	83.78	57	P	P	17 32 09.9	-0.6
MSU	Marysville	83.79	50	eP	P	17 32 10.1	-0.5
MSU	Marysville	83.79	50	eP	P	17 32 10.1	-0.5
BC3	Big Chuckawall	83.79	55	P	P	17 32 09.5	-1.0
KBSD	Kabsdagh	83.86	308	eP	P	17 32 11.9	+1.2
SWSC	Sam W. Stewart	83.88	56	P	P	17 32 09.8	-1.0
A25A	Svanguito Ranch	83.89	38	P	P	17 32 09.9	-0.7
ILIC	ilic-Erzincan	84.02	311	eP	P	17 32 13.8	+2.2
SIM	Simferopol'	84.02	318	eP	P	17 32 11.4	+0.1
SIM				eS	S	17 42 35.0	-0.2
SIM				pmx	pmx		
SIM				pmx	pmx		
SVRC	SVRC	84.05	310	eP	P	17 32 12.7	+0.9
TMUT	Trail Mountain	84.06	49	eP	P	17 32 11.7	-0.4
TMUT				LR	LR		
HFS	Hagfors	84.13	337	PKKPbc	PKKPbc	17 50 25.0	-1.1
HFS	Hagfors	84.13	337	PKKPbc	PKKPbc	17 50 25.0	-1.1
DOMB	Dombas	84.19	340	eP	Iamb	17 32 10.9	-1.0
DOMB				Iamb	Iamb	17 32 20.8	
B25A	Knox Farm, Ray	84.24	38	P	P	17 32 11.8	-0.6
ARGU	Argyle Ridge	84.24	48	eP	P	17 32 13.0	0.0
P17A	Butcher Ranch,	84.29	49	eP	P	17 32 12.5	-0.5
P17A				LR	LR		
NB2	NORSAR Subarra	84.29	339	P	P	17 32 12.0	-0.4
NB2	NORSAR Subarra	84.29	339	P	P	17 32 12.0	-0.4
NOA	NORSAR Array B	84.29	339	P	P	17 32 11.1	-1.3
NOA				PKKPbc	PKKPbc	17 50 24.5	-1.4
NOA				PKKPbc	PKKPbc	17 50 24.5	-1.4
NOA				PKKPbc	PKKPbc	17 50 24.5	-1.4
MZRK	Al-Mazaregh	84.36	307	eP	P	17 32 14.4	+1.1
NB002	NORSAR Array S	84.39	339	eP	P	17 32 11.7	-1.2
NC602	NORSAR Array S	84.41	339	eP	Iamb	17 32 11.0	-2.0
NC602				Iamb	Iamb	17 32 21.5	
Y12C	Blythe	84.43	55	P	P	17 32 13.1	-0.5
SFNV	Sufian	84.45	308	eP	P	17 32 15.0	+1.2
A26A	Wade Farm, Ken	84.49	37	P	P	17 32 13.5	-0.2
C25A	Freed Ranch, W	84.50	39	P	P	17 32 13.3	-0.5
SUW	Suwalki	84.52	329	eP	P	17 32 12.4	-1.2
SUW				ePcP	PcP	17 32 13.6	-3.6
SUW				eP	P	17 35 29.1	+0.8
SUW				eS	S	17 42 40.5	+0.7
SUW				eS	S	17 42 47.3	-4.1
SUW				eS	S	17 48 15.1	+5.7
SUW				LMZ	LMZ	18 08 28.6	
SUW				e	e	17 32 12.5	-1.2
SUW				e	e	17 32 13.7	
SUW				eS	S	17 35 29.2	
SUW				eS	S	17 42 40.5	+0.7
SUW				eS	S	17 48 15.1	+5.7
P18A	Preston Nutter	84.54	48	eP	P	17 32 14.1	-0.4
P18A				LR	LR		
GLA	Glamis	84.54	56	eP	pmx	17 32 14.1	-0.2
GLA				pmx	pmx		
GLA				MLR	MLR		
GLA				P	P	17 32 13.3	-1.0
GLA				eP	eP	17 32 14.1	-0.2
GLA				LR	LR		
MMU	Miners Mountai	84.55	50	eP	P	17 32 13.8	-0.7
SRU	San Rafael	84.61	49	eP	P	17 32 14.1	-0.6
SRU				LR	LR		
SRU				LR	LR		
MALT	Malatya	84.68	310	P	P	17 32 16.7	+1.8
MALT	Malatya	84.68	310	P	P	17 32 16.7	+1.8
B26A	Jensen Ranch,	84.69	38	eP	P	17 32 14.4	-0.2
D25A	Fairfield	84.78	39	P	P	17 32 14.6	-0.6
SVSK	Karacayir	84.83	312	eP	P	17 32 16.0	+0.5
URFA	Urfa	84.84	309	eP	P	17 32 16.4	+0.6
KVT	Kavak	84.85	314	eP	P	17 32 16.1	+0.5
SNOP	Sinop	84.89	315	eP	P	17 32 15.9	+0.1
DIKM	Dikmen	85.06	314	eP	P	17 32 18.1	+1.5
C26A	Wahner Farm, P	85.08	38	P	P	17 32 16.1	-0.6
E25A	Miller Ranch,	85.10	40	P	P	17 32 16.3	-0.5
DARE	Darende-Malaty	85.19	311	eP	P	17 32 18.4	+0.9
B27A	Peters Farms,	85.20	37	P	P	17 32 16.5	-0.7
D26A	Manning	85.35	39	P	P	17 32 17.7	-0.4
K22A	Casper	85.36	44	P	P	17 32 17.7	-0.7
K22A				eP	eP	17 32 17.9	-0.4
K22A				LR	LR		
F25A	Bowman	85.39	40	P	P	17 32 17.9	-0.4
A28A	Rude Farm, Bot	85.43	36	P	P	17 32 17.7	-0.7
BYBT	Boyabat	85.47	315	eP	P	17 32 20.3	+1.7
CZ7A	Saylor Ranch,	85.47	38	P	P	17 32 18.1	-0.5
SORM	Soroca	85.53	323	P	P	17 32 18.8	0.0
SORM	Soroca	85.53	323	P	P	17 32 18.8	0.0
O20A	White River Ci	85.60	47	eP	P	17 32 18.4	-1.3
O20A				eP	eP	17 32 18.5	-1.1
O20A				LR	LR		
E26A	Carlson Angus	85.65	39	P	P	17 32 18.7	-0.9
B28A	Dugan Ranch, T	85.66	37	P	P	17 32 18.8	-0.7
BZK	Bozkurt	85.69	315	eP	P	17 32 19.8	+0.1
FOO	Flo	85.72	342	eP	Iamb	17 32 19.0	-0.5
FOO				Iamb	Iamb	17 32 41.5	
HYA	Hoyanger	85.74	341	eP	Iamb	17 32 18.7	-0.9
HYA				Iamb	Iamb	17 32 29.2	
SFJD	Kangerlussuaq	85.77	6	LR	LR	18 11 33.5	
SFJD	Kangerlussuaq	85.77	6	LR	LR	18 12 19.7	+0.1
SFJD	Kangerlussuaq	85.77	6	S	S	17 42 51.6	-0.2
SFJD				MLR	MLR		
SFJD				P	P	17 32 19.7	+0.1
SFJD				S	S	17 42 51.6	-0.2
SFJD				MLR	MLR		
SFJD				P	P	17 32 19.1	-0.6
D27A	Cente	85.81	38	P	P	17 32 19.8	-0.5
G25A	Newell	85.83	41	P	P	17 32 19.5	-1.1
WUAZ	Wupatki	85.83	52	P	P	17 32 20.4	-0.5
WUAZ				eP	eP	17 32 20.6	-0.3

WUAZ				LR	LR		
PV09	Paradox Valley	85.86	49	eP	P	17 32 20.7	-0.4
KONG	Kongsberg	85.87	339	eP	Iamb	17 32 18.1	-2.2
KONO				Iamb	Iamb	17 32 29.3	
KONO				P	P	17 32 19.7	-0.6
KONO				eP	eP	17 32 19.7	-0.6
KONO				LR	LR		
F26A	Lodgepole	85.89	40	P	P	17 32 19.7	-1.0
KIS	Kishinev	85.94	322	iP	P	17 32 20.0	-0.9
KIS				PP	PP	17 35 42.0	+1.9
KIS				PPP	PPP	17 37 54.0	
KIS				iS	iS	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS	S	17 42 48.0	-6.2
KIS				iPS	iPS	17 43 56.0	
KIS				eSS	eSS	17 48 14.0	-1.7
KIS				eSS	eSS	17 52 10.0	
KIS				eLQ	eLQ	17 56 31.0	
KIS				LRM	MLR	18 14 36.0	
KIS				iP	P	17 32 20.0	-0.9
KIS				iS			

Table with columns: WLF, Walferdange, 94.94 334 eP, P, 17 33 02.7 -0.4. Includes rows for WLF, T35A, Q37A, 230A, SNF, V34A, V34A, STNC, STNC, 131A, S36A, P38A, THAL, CWF, CWF, CWF, GMM, LAST, LAST, LAST, FETA, R37A, BFO, BFO, BFO, BFO, BFO, KALE, KRND, X33A, U35A, DOU, W34A, W34A, W34A, 330A, DAVA, Z32A, T36A, LAKA, LAKA, KLV, WME, WPMI, IDI, IDI, IDI, IDI, IDI, IDI, Y33A, Q38A, IGT, IGT, IGT, S37A, WLF1, WLF1, FOEL, FOEL, V35A, 231A, ABTX, ABTX, ABTX, X34A, YRC, P39A, SIVA, SIVA, SIVA, ELSH, ELSH, FUORN, FUORN, DAVOX, DAVOX, DAVOX, VLI, VLI, HLM1, HLM1, Q39A, MRIV, LK2D, LK2D.

Table with columns: R38A, Fenwick Farm, 95.73 42 P, P, 17 33 05.2 -1.8. Includes rows for Z33A, YRE, U36A, 331A, T37A, 530A, W35A, SSW, KYTH, KYTH, 232A, Y34A, ANKY, V36A, 431A, TUL1, TUL1, TUL1, TUE, TUE, GLMI, GLMI, U37A, GVD, GVD, R39A, MCH1, MCH1, 332A, WOL, WOL, X35A, SWN1, SWN1, Z34A, W36A, Q40A, 531A, LPW, LPW, 233A, V37A, 432A, Y35A, X36A, X36A, 134A, R40A, JCT, JCT, JCT, JCT, Z35A, MATE, 333A, HDIL, HDIL, HDIL, 631A, 532A, 234A, V38A, Y36A, 433A, SENIN, SENIN, 135A, X37A, HEX, HEX, Z36A, 632A, Y37A, W38A, VLC, VLC, WHTX, WHTX, WHTX, X38A, 533A, HTL, HTL, 434A.

Table with columns: baz=97, Riviere de l'E, 97.57 250 eP, P, 17 33 14.8 -0.8. Includes rows for RER, RER, SLM, SLM, SLM, SLM, 732A, CUC, CUC, CUC, TIP, TIP, TIP, 136A, 633A, PTCN, PTCN, DYA, DYA, DYA, DYA, 335A, Z37A, 832A, 534A, Y38A, 236A, 435B, SFIN, SFIN, SFIN, 733A, 137A, 336A, VAL, VAL, VAL, Z38A, 833A, MIAR, MIAR, MIAR, MIAR, MIAR, JSA, JSA, JSA, Y39A, 634A, BNI, BNI, BNI, BNI, AAM, AAM, AAM, CCA1, CCA1, CCA1, 237A, 535A, 138A, 734A, 436A, SADO, SADO, OLIL, OLIL, PBMO, PBMO, Z39A, 635A, 933A, SIUC, SIUC, 536A, 337A, UALR, UALR, UALR, 238A, 834A, 139A, 437A, 735A.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, FITZ Filzro, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, MBWA Marble Bar, KDKA Kodiak Island, KDKA Kodiak Island, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arra, PMR Palmer, PMR Palmer, POHA Pohakuloa, MCK McKinley, MCK McKinley, SML Sawmill, SML Sawmill, TKM2 Tokmak 2, TKM2 Tokmak 2, COLA College, COLA College, ILAR Eielson Array, ILAR Eielson Array, AAK Ala-Archa, AAK Ala-Archa, EKSS Erkin-Say, EKSS Erkin-Say, STKA Stephens Creek, STKA Stephens Creek, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, PALK Pallekele, PALK Pallekele, INK Inuvik, INK Inuvik, NWAO Narogin (SRO), NWAO Narogin (SRO), NWAO Narogin (SRO), ARU Arti, ARU Arti, TAU Tasmania Unive, TAU Tasmania Unive, YKA Yellowknife Ar, YKA Yellowknife Ar, RES Resolute Bay, RES Resolute Bay, POC Sydney, POC Sydney, NLWA Neilton Lookou, NLWA Neilton Lookou, KEBM Edson Butte, KEBM Edson Butte, ARCÉS ARCESS Array B, ARCÉS ARCESS Array B, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, NEW Newport, NEW Newport, BMO Blue Mountains, BMO Blue Mountains, FINES FINESS Array B, FINES FINESS Array B, NVAR Mina Array Bea, NVAR Mina Array Bea, YES Vestal Richgr, YES Vestal Richgr, ARVC Arvin, ARVC Arvin, SNCC San Nicolas Is, SNCC San Nicolas Is, LRMC Laurel Mountai, LRMC Laurel Mountai, FURC Furnace Creek, FURC Furnace Creek, P11A Troy Canyon, C, P11A Troy Canyon, C, TPNV Topopah Spring, TPNV Topopah Spring, H17A Grant Village, H17A Grant Village

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSC Goldstone, DUG Dugway, MURC Murieta, HEC Hector,Ludlow, AKASG Malin Array Be, AKASG Malin Array Be, BELC Belle Mttn. Jos, PDAR Pinedale Array, BAR Barrett, BC3 Big Chuckawall, HFS Hagfors, HFS Hagfors, NOA NORSTAR Array B, NOA NORSTAR Array B, GLA Glamis, C27A Sawyer Ranch, B28A Dugan Ranch, T, WUAZ Wupatki, WUAZ Manning Farm, H25A Fruitdale, F27A Lemmon, H26A Fairpoint, 214A Organ Pipe Nat, B30A Myrvik Farm, E, A32A Rooking H Ranc, J27A Elkhorn Farm, I28A Midland, F34A Alexandria, K31A O'Neill, MNXT Cornudas Mount, T31A Randall Ranch, J38A Belmond, J37A Wedel Dairy, R, W31A Holland Ranch, Q35A Mercer Eighty, V32A Araaho, X31A McDonald Ranch, Z30A Sanderson Ranc, U34A Anderson Ranch, TXAR Lajitas Array, TXAR Lajitas Array, Y32A R-V Farms, Ver, Z32A Haskell, 530A J-C Ranch, Com, Y34A Reagan Ranch, X36A Centrahoma, U38A Gravette, 434A Burnett, 832A Faith Ranch, C, PTGA Pitinga, LPAZ La Paz, LPAZ La Paz, PLCA Paso Flores, PLCA Paso Flores, LVC Lim Verde, LVC Lim Verde, CSEM 21 17:29:55.4, 43:37N:13:30E, h8km, MD1.7/4, After ROM, ROM 21 17:29:55.4, 0.9, 43:37N:13:30E, h8km, 3km, Md1.7/4, MH.0.2, Error ellipse: s-maj=11.7km s-min=4.7km az=57.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISC 21 17:33:20.7, 0.7, 26:38N:0:09, 143:08E, 0:09, h10km, n43, c1848/42, mb4.7/29, Bonin Islands region, CBJJ Chichi jima, CJJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Kora Array, KSAR Wonju Array Be, INCN Incheon, USRK Ussurisk Ar, YHNB Yeheng, YSS Yuzh-Sakhalins, MDJ Mudanjiang, SZP Santa, ENH Enshi, ULN Ulanbaatar, YAK Yakutsk, CMAR Chiang Mai Arr, BILL Bilibino, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURK Kurchatov, KURB Kurchatov Arra, TRF Thorofore Moun, TKM2 Tokmak 2, SML Sawmill, COLA College, ILAR Eielson Array, BVAR Borovoye Array, BRVK Borovoye, INK Inuvik, ARU Arti, TAU Tasmania Unive, GEYT Alibeck, YKA Yellowknife Ar, ARCÉS ARCESS Array B, FINES FINESS Array B, NVAR Mina Array Bea, AKASG Malin Array Be, HFS Hagfors, NOA NORSTAR Array B, TXAR Lajitas Array, LPAZ La Paz, ISCJB 21 17:34:38.9, 0.4, 27:05N:0:06, 143:59E:0:07, h10km, mb4.6/37, Error ellipse: s-maj=8.8km s-min=8.6km az=150.2, IDC 21 17:34:39.4, 0.5, 27:08N:143:60E, h0km, mb4.5/22, mb1.4/7.25, mb1mx4.5/64, mbtmp4.5/25, ML3.6/3, Error ellipse: s-maj=1.7km s-min=14.2km az=49.0, NEIC 21 17:34:41.0, 0.3, 27:09N:143:59E, h10km, mb5.0/15, Error ellipse: s-maj=7.7km s-min=7.6km az=58.0, ISC 21 17:34:40.9, 0.5, 27:08N:143:54E:0:08, h10km, n54, c0891/52, mb4.7/37, Bonin Islands region, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Kora Array, KSAR Wonju Array Be, INCN Incheon, USRK Ussurisk Ar, TATO Taipei, LSA Lhasa, NACB Ninganchiao, YHNB Yeheng, MDJ Mudanjiang, PET Petropavlovsk, KKM Kota Kinabalu, ULN Ulanbaatar, SONM Songoing Array, YAK Yakutsk, CMAR Chiang Mai Arr, KULM Kulim, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, KDKA Kodiak Island, DZM Mont Dzumac, KURK Kurchatov, KURB Kurchatov Arra, PMR Palmer, NVAR Mina Array Bea, YES Vestal Richgr, ARVC Arvin, SNCC San Nicolas Is, LRMC Laurel Mountai, FURC Furnace Creek, P11A Troy Canyon, C, TPNV Topopah Spring, H17A Grant Village

Table with columns: RES, Code, Station Name, Az, Alt, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Resolute Bay, ARCES ARCESS Array B, OBN Obninsk, etc.

ISCJB 21 17:35:08.7,0.4,27.34N,0.04,143.57E,0.05,h10km, mb4.7/4.1, Error ellipse: s-maj=6.4km s-min=5.3km

MOS 21 17:35:08.5,1.1,27.14N,143.47E,h14km,mb5.1/2.1, Error ellipse: s-maj=14.8km s-min=7.8km az=108.8

IDC 21 17:35:08.4,0.5,27.15N,143.47E,h0km,mb4.7/3.0, mb1.4/8.3,mb1mx4.6/6.7,mbtmp4.6/3.3,ML3.6/2.9, Error ellipse: s-maj=15.5km s-min=11.8km az=87.0

NEIC 21 17:35:09.0,0.2,27.16N,143.48E,h10km,mb5.1/1.1, Error ellipse: s-maj=7.3km s-min=5.6km az=82.0

JMA 21 17:35:12.0,4.0,27.55N,143.28E,h0km,ML4.6, Error ellipse: s-maj=8.8km s-min=7.4km az=110.0

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Odawara 2, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arr, DZMB Mont Dzacum, etc.

IDC 21 17:38:07.8,4.0,26.66N,143.79E,h0km,mb4.1/4, mb1.4/2.6,mb1mx3.8/7.3,mbtmp4.1/6,ML4.0/2, Error ellipse: s-maj=89.4km s-min=38.2km az=1.0

NEIC 21 17:38:09.0,1.7,26.70N,143.81E,h10km,mb4.6/4, Error ellipse: s-maj=27.6km s-min=22.6km az=130.0

ISC 21 17:38:09.2,4.2,26.81N,0.3,143.8E,0.2,h10km,n12, 0.866/11,mb4.2/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, KSRK Korea Array, etc.

az=36.4 JMA 21 17:39:09.0,1.0,27.27N,143.36E,h33km,ML3.9, ISC 21 17:39:09.5,0.5,27.27N,0.06,143.42E,0.06,h35km,n155, 0.120/11,mb4.8/5.1, DZ, Bonin Islands region

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like CBIJ Chichi jima, Chichi jima, Chichi jima, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like LSA, KRAB, KULM, IPM, CTAO, WMQ, WRAB, WRB, WRA, WRC, FITZ, CISI, PSI, PNI, TNA, LHMI, ZAAO, ZALV, ZALV, ZALV, CHGN, GSI, MK01, MKAR, MKAR, MKAR, MKAR, AS01, ASAR, ASAR, ASAR, TTA, TTA, OHAK, KURK, KURK, KURB, KDAD, KDAD, CHLP, BPAW, SEW, MLY, PMR, PMR, PMR, TKM2, TKM2, RND, RND, MCK, MCK, MCK, SML, SML, KSH, KSH, KSH, MDM, WRH, SCM, SCM, AAK, AAK, HDA, IL1, ILAR, ILAR, PVM, EKS2, EKS2.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like EKS2, PAX, PAX, BMRM, VOSK, VOSK, DOT, BVAR, BVAR, STKA, STKA, STKA, BRVK, BRVK, EGAK, SRSP, AFI, AFI, NJS, KKAR, KKAR, BB00, HYB, HYBB, SRLM, RCLA, KLRI, INK, INK, ARU, ARU, AKTO, AKTO, GEYT, SPITS, SPITS, YKA, YKA, RES, RES, RES, APA, APA, ARCES, ARCES, ARCES, GALA, NDR, NDR, WSAR, Goba, SIZA, SIZA, ATGJ, ATGJ, QUBA, QUBA, ALIB, ALIB, ALIB, XNQ, XNQ, IML, IML, IML, KDMR, KDMR, SAAT, LKRN, LKRN, LKRN, ASTR, ASTR, ASTR, GLBA, GLBA, SEKA, SEKA, ZKTA, ZKTA, MNGR, MNGR, LKRN, LKRN, BMO, BMO, GANJ, GANJ, JTMT, JTMT, QZX, QZX, YBMT, YBMT, FINES, FINES, FINES, FINES, SWMT, SWMT, KBZ, KBZ.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KBZ, KBZ, KIV, KIV, SLMT, GNI, GNI, BMN, BMN, NVAR, LRM, LRM, VES, VES, EGMT, EGMT, BOZ, BOZ, BRAC, BRAC, FFC, FFC, FFC, FFC, MPMC, MPMC, LRMC, LRMC, EDW2, EDW2, FURC, FURC, R11A, R11A, YNR, YNR, YFT, YFT, TPNV, TPNV, H17A, H17A, H17A, H17A, LKWY, LKWY, LKWY, LKWY, GSC, GSC, RLMT, RLMT, DUG, DUG, MURC, MURC, HEC, HEC, TUQ, TUQ, HWUT, HWUT, AKAS, AKAS, AKAS, AKAS, AK11, AK11, PFO, PFO, PFO, PFO, BELC, BELC, LAO, LAO, PDAR, PDAR, HFS, HFS, HFS, HFS, NOA, NOA, NOA, NOA, IRM, IRM, B25A, B25A, B26A, B26A, B27A, B27A, K22A, K22A, F25A, F25A, A28A, A28A, SFJD, SFJD, SFJD, SFJD, B28A, B28A, O20A, O20A, D27A, D27A, G25A, G25A, F26A, F26A, RAYN, RAYN, WUAZ, WUAZ, A29A, A29A, H25A, H25A, F27A, F27A, G26A, G26A, I25A, I25A, A30A, A30A, G27A, G27A, BRTR, BRTR, BRTR, BRTR, J25A, J25A, 214A, 214A, B30A, B30A, ULM, ULM, ULM, ULM.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H27A Howes, F28A McLaughlin, MVCO Mesa Verde, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like J38A Wedel Dairy, R33A Olander Ranch, N36A Alf Farm, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSNAB Namhae, KSADO Andong, KSADO Andong, etc.

PETK	Petropavlovsk-comp=Z,8.7nm,0.9s,baz=181,slow=5.9,SNR=3.7	28.03 19 P	P	17 47 16.6 -1.0
PETK	Petropavlovsk-comp=Z,1.67nm,0.9s	28.03 19 P	P	17 47 16.6 -1.0
PETK	comp=Z,9.0nm,0.9s		pmax	
HIA	Hailar	28.62 327J P	pmax	17 47 24.1 +1.2
HIA	comp=Z,153nm,1.6s			
HIA	Hailar	28.62 327 P	P	17 47 24.4 +1.4
MANU	Manus Island	29.29 172 P	P	17 47 28.4 -0.7
HHC	Hu-ho-hao-te	29.51 306 P	P	17 47 31.4 +0.4
HHC	comp=Z,23nm,0.8s		PMZ	
GENI	Genyem	29.74 186 P	P	17 47 34.2 +1.1
ENH	Enshi	29.81 284 P	P	17 47 32.5 -1.2
ENH	comp=Z,26nm,0.8s			
SWI	Sorong	30.20 205 P	P	17 47 37.2 +0.1
SWI	comp=Z,2um,0.8s			
SJI	Sorong	30.20 205 P	P	17 47 36.3 -0.9
SJI	comp=Z,56nm,0.7s,baz=32,slow=6.9,SNR=15			
TNTI	Tenate	30.40 213 P	P	17 47 38.1 -0.9
TNTI	comp=Z,1um,2.7s			
LBMI	Labuha	31.57 211 P	P	17 47 50.5 +1.2
FAKI	Fak Fak	31.77 201 P	P	17 47 51.8 +0.8
FAKI	Fak Fak	31.77 201 P	P	17 47 49.5 -1.5
QIZ	Qiongzhong	31.80 262 P	P	17 47 50.8 -0.6
QIZ	comp=Z,110nm,1.2s			
QIZ	Qiongzhong	31.80 262 P	P	17 47 51.9 +0.5
QIZ	comp=Z,105nm,1.0s			
MYLDM	Lahad Datu	32.24 232 P	P	17 47 55.8 +0.7
MYLDM	comp=Z,1.42nm,1.3s			
RABL	Rabaul	32.31 163 P	P	17 47 54.0 -1.8
RABL	comp=Z,158nm,1.3s			
GYA	Gulyang	32.69 277 P	P	17 48 00.3 +1.1
GYA	comp=Z,180nm,5.4s			
GYA	comp=Z,6um,18.0s		LN	
GYA	comp=Z,6um,17.7s		LZ	
GYA	comp=Z,7um,17.6s		LZ	
GTOI	Gorontalo	32.83 220 P	P	17 48 06.8 +6.5
KKM	Kota Kinabalu	32.28 236 P	P	17 48 02.8 -1.6
MSAI	Masohi	33.38 207 P	P	17 48 07.4 +2.3
MSAI	comp=Z,290nm,1.5s			
SANI	Sanana	33.52 213 P	P	17 48 07.2 +0.8
SANI	comp=Z,1um,0.8s			
MRSI	Marisa	33.58 221 P	P	17 48 07.5 +0.6
MRSI	comp=Z,4um,1.3s			
NLAI	Namlea	34.06 210 P	P	17 48 12.4 +1.4
NLAI	comp=Z,2um,1.5s			
BNDI	Bandanaira	34.08 204 P	P	17 48 11.6 +0.4
BNDI	comp=Z,550nm,0.9s			
LZH	Lanzhou	34.62 295 P	P	17 48 15.5 -0.5
LZH	comp=Z,86nm,1.0s			
LZH	comp=Z,800nm,6.1s		PMZ	
LZH	comp=Z,8um,14.0s		LN	
LZH	comp=Z,9um,13.0s		LE	
LZH	comp=Z,10um,17.5s		LZ	
CD2	Chengdu	34.71 286 P	P	17 48 16.0 -0.7
CD2	comp=Z,430nm,1.2s			
CD2	comp=Z,51nm,1.0s			
CD2	comp=Z,69nm,1.0s			
ULN	Ulanbaatar	35.00 316 P	P	17 48 19.9 +0.8
ULN	comp=Z,51nm,1.0s			
ULN	comp=Z,69nm,1.0s			
SONA1	Songino Array	35.40 316 P	P	17 48 22.6 0.0
SONM	Songino Array	35.40 316 P	P	17 48 23.0 +0.5
SONM	comp=Z,25nm,0.8s,baz=119,slow=7.2,SNR=22			
SONM	Songino Array	35.40 316 P	P	17 48 23.0 +0.5
SONM	comp=Z,25nm,0.8s			
DLV	T Lat	36.03 252 P	P	17 48 28.0 -0.4
DLV	comp=Z,91nm,1.1s			
YAK	Yakutsk	36.05 349 P	P	17 48 27.6 0.0
YAK	comp=Z,11nm,0.5s,baz=148,slow=1.3,SNR=3.8			
YAK	Yakutsk	36.05 349 P	P	17 48 30.0 +2.3
YAK	comp=Z,34nm,1.0s			
YAK	comp=E,11nm,1.2s			
YAK	comp=N,25nm,1.3s			
YAK	comp=N,38nm,1.0s			
SEY	Seymchan	36.26 7 P	P	17 48 30.1 +0.6
SEY	comp=Z,27nm,1.1s,baz=168,slow=12,SNR=4.1			
AMKA	Seymchan	36.26 7 P	P	17 48 30.6 +1.1
SEY	Amchitka	36.30 38 P	P	17 48 31.5 +1.5
SLVN	Son La	36.34 270 P	P	17 48 30.6 -0.2
KMI	Kunming	36.42 276 P	P	17 48 31.9 +0.3
KMI	comp=N,140nm,1.3s			
PMG	Port Moresby	36.53 174 P	P	17 48 30.9 -1.4
PMG	comp=N,27nm,1.0s,baz=24,slow=6.1,SNR=6.8			
PMG	Port Moresby	36.53 174 P	P	17 48 31.2 -1.1
PMG	comp=Z,156nm,1.2s			
PMG	comp=Z,105nm,1.4s			
BOD	Bodaibo	36.95 334 P	P	17 48 35.5 0.0
BOD	comp=Z,33nm,1.3s			
UBPT	Khong Chiam	37.11 259 P	P	17 48 37.9 +0.6
UBPT	comp=Z,647nm,0.9s			
PANO	Nakornpanom	37.12 263 P	P	17 48 38.4 +1.0
SKNT	Sakolnakhorn	37.74 263 P	P	17 48 43.3 +0.6
BKB	Batkapapan	38.05 226 P	P	17 48 47.0 +1.8
BKB	comp=Z,264nm,2.9s			
GTA	Gaotai	38.06 300 P	P	17 48 43.9 -1.4
GTA	comp=Z,14um,2.7s			
GTA	comp=Z,170nm,1.1s			
NONG	Nongkai	38.08 265 P	P	17 48 46.1 +0.6
ZAK	Zakamensk	38.26 318 P	P	17 48 48.1 +1.3
ZAK	comp=Z,106nm,1.2s			
TLY	Talaya	38.56 320 P	P	17 48 50.7 +1.5
TLY	comp=Z,44nm,0.7s,baz=176,slow=2.4,SNR=21			
TLY	Talaya	38.56 320 P	P	17 48 51.3 +2.1
TLY	comp=Z,121nm,0.9s			
TLY	Talaya	38.56 320 P	P	17 48 51.9 +2.7
TLY	comp=Z,571nm,0.9s,SNR=8.3			
TLY	Talaya	38.56 320 P	P	17 48 50.4 +1.2
TLY	comp=Z,112nm,1.0s			
SBUM	Sibu	38.63 236 P	P	17 48 49.2 -1.0
SBUM	comp=Z,20nm,0.9s			
KHON	Khomkham	39.01 262 P	P	17 48 53.5 +0.1
KHON	comp=Z,82nm,0.7s			

KAPI	Kappang	39.30 219 P	P	17 48 55.1 -0.6
KAPI	comp=Z,64nm,1.4s			
CRAI	Chiangrai	39.82 269 P	P	17 48 52.6 -7.5
CHAI	Chaiyaphum	39.92 262 P	P	17 48 07.7 -0.3
CHAI	comp=Z,77nm,1.1s,comp=Z,59nm			
LOEI	Loei	39.95 265 P	P	17 48 58.3 -2.9
LOEI	comp=Z,7um,2.3s			
MOY	Mondy	40.08 319 P	P	17 49 03.3 +1.3
UTTA	Uttaradit	40.49 266 P	P	17 49 05.5 -0.2
UTTA	comp=Z,35nm,0.8s			
PHRA	Phrae	40.52 267 P	P	17 49 05.9 0.0
PBKT	Sadao Pong	40.56 264 P	P	17 49 06.8 +0.6
PBKT	comp=Z,854nm,1.9s			
SRAK	Srakaew	40.65 260 P	P	17 49 03.1 -3.9
SRAK	comp=Z,1um,0.8s,comp=Z,2um			
KSM	Kuching	40.70 237 P	P	17 49 06.6 -0.9
KSM	comp=Z,31nm,1.2s			
STKI	Sintang	40.80 234 P	P	17 49 08.4 +0.2
STKI	comp=Z,2um,0.8s			
COEN	Coen	40.87 180 P	P	17 49 09.2 +0.4
COEN	comp=Z,72nm,1.1s			
MMRI	Maumere	41.06 213 P	P	17 49 10.7 +0.4
MMRI	comp=Z,231nm,0.9s			
MMRI	Maumere	41.06 213 P	P	17 49 10.3 0.0
MMRI	comp=Z,188nm,0.9s			
CMAI	Chiengmai2	41.09 270 P	P	17 49 11.2 +0.3
SOEI	Soe	41.11 209 P	P	17 49 11.0 +0.2
SOEI	comp=Z,621nm,1.1s			
SOEI	comp=Z,351nm,1.0s			
NAVO	Nakonayok	41.15 261 P	P	17 49 11.6 +0.4
SUKH	Sukhothai	41.41 266 P	P	17 49 13.1 -0.2
SUKH	comp=Z,62nm,1.2s,comp=Z,28nm			
MTN	Manton Dam	41.58 198 P	P	17 49 13.6 -0.3
MTN	comp=Z,106nm,0.9s			
CMMT	Chiang Mai	41.55 268 P	P	17 49 14.0 -0.5
CMMT	comp=Z,5um,3.6s			
CHTO	Chiang Mai	41.55 268 P	P	17 49 14.1 -0.4
CHTO	comp=Z,71um,4.3s			
CHTO	Chiang Mai	41.55 268 P	P	17 49 13.9 -0.6
CHTO	comp=Z,100nm,1.0s			
CHTO	Chiang Mai	41.55 268 P	P	17 49 13.9 -0.6
CHTO	comp=Z,104nm,0.9s			
CM01	Chiang Mai Arr	41.67 268 P	P	17 49 14.4 -1.1
CM01	Chiang Mai Arr	41.66 268 P	P	17 49 15.1 -0.4
CM01	comp=Z,59nm,0.8s,baz=61,slow=7.3,SNR=37			
CMAR	Chiang Mai Arr	41.68 268 P	P	17 49 15.1 -0.4
CMAR	comp=Z,28nm,0.7s			
PATY	Pattaya	42.15 259 P	P	17 49 20.1 +0.8
PATY	comp=Z,32nm,1.0s			
UTHA	Uthaitani	42.30 263 P	P	17 49 20.9 +0.3
UTHA	comp=Z,52nm,0.9s			
UMPA	Umpang Tak	42.57 265 P	P	17 49 24.1 +1.3
UMPA	comp=Z,43nm,1.0s			
MHMT	Maesriang	42.62 268 P	P	17 49 23.7 +0.1
MHMT	comp=Z,206nm,2.7s			
BILL	Bilibino	43.16 12 P	P	17 49 27.7 +0.8
BILL	comp=Z,21nm,0.8s			
BILL	Bilibino	43.16 12 P	P	17 49 27.4 +0.5
BILL	comp=Z,27nm,0.9s			
PHET	Kaeng Krachan	43.24 260 P	P	17 49 29.1 +0.9
PHET	comp=Z,55nm,0.9s,comp=Z,681nm			
KHLT	KhaoIam Dam	43.36 263 P	P	17 49 30.0 +0.8
KHLT	comp=Z,1um,0.9s			
TWSI	Taiwang Sumb	43.96 219 P	P	17 49 33.6 -0.3
TWSI	comp=Z,3um,0.8s			
HVS	Khovu-Aksy	44.28 317 P	P	17 49 37.9 +1.6
HVS	comp=Z,110nm,0.9s			
ABJI	Asej Bagus	44.76 223 P	P	17 49 41.7 +1.3
ABJI	comp=Z,2um,0.8s			
SURA	Surathani	44.97 255 P	P	17 49 43.2 +1.1
SURA	comp=Z,9um,1.7s			
UNIV	Unlaska Valle	45.24 40 P	P	17 49 43.8 +0.1
TIXI	Tiksi	45.26 354 P	P	17 49 44.1 +0.5
TIXI	comp=Z,27nm,0.7s			
TIXI	Tiksi	45.26 354 P	P	17 49 44.1 +0.5
TIXI	comp=Z,27nm,0.7s			
JAGI	Jajag, Banyuwa	45.34 223 P	P	17 49 44.6 -0.4
JAGI	comp=Z,4um,0.7s			
JAGI	Jajag, Banyuwa	45.34 223 P	P	17 49 43.3 -1.7
JAGI	comp=Z,61nm,0.9s			
MYKOL	Kota Tinggi	45.48 243 P	P	17 49 46.3 +0.1
MYKOL	comp=Z,64nm,1.0s			
TRTT	Trang	45.57 253 P	P	17 49 47.6 +0.7
TRTT	comp=Z,3um,3.5s			
LSA	Lhasa	45.67 286 P	P	17 49 48.2 +0.1
LSA	comp=Z,25nm,0.6s			
LSA	Lhasa	45.67 286 P	P	17 49 48.1 +0.1
LSA	comp=Z,25nm,0.6s			
KRAB	Krabi	45.80 254 P	P	17 49 49.3 +0.6
KRAB	comp=Z,139nm,1.0s,comp=Z,118nm,0.8s			
KULM	Kulim	46.09 250 P	P	17 49 51.1 +0.1
KULM	comp=Z,118nm,0.8s			
NGJI	Ngawi	46.18 227 P	P	17 49 53.4 +1.8
NGJI	comp=Z,380nm,1.2s			
PPBI	Pangkal Pinang	46.22 237 P	P	17 49 52.8 +0.9
PPBI	comp=Z,2um,1.2s			
IPM	Ipo	46.22 248 P	P	17 49 51.8 -0.3
IPM	comp=Z,85nm,0.8s			
PWJI	Pagayawan	46.45 226 P	P	17 49 52.8 -1.0
PWJI	comp=Z,571nm,0.7s			
GAMB	Gambell	46.61 26 P	P	17 49 55.2 +0.8
GAMB	comp=Z,110nm,1.4s			
CTA	Charters Tower	47.05 176 P	P	17 49 55.9 -2.4
CTA	comp=Z,358,slow=8.5,SNR=7.4			
CTA	Charters Tower	47.05 176 P	P	17 49 55.9 -2.4
CTA	comp=Z,25nm,1.0s			
CTAO	Charters Tower	47.05 176 P	P	17 49 57.4 -0.9
CTAO	comp=Z,69nm,1.2s			
CTAO	Charters Tower	47.05 176 P	P	17 49 57.4 -0.9
CTAO	comp=Z,69nm,1.2s			
WMQ	Urumqi	47.39 306 P	P	17 50 01.0 +0.1
WMQ	comp=Z,2um,0.9s			
WMQ	Urumqi	47.39 306 P	P	17 50 04.6 +0.5
WMQ	comp=Z,153nm,0.8s			
WMQ	Urumqi	47.39 306 P	P	17 50 05.5 -4.7
WMQ	comp=Z,130nm,1.1s			
WRAB	Tennant Creek	47.62 192 P	P	17 50 02.6 -0.2
WRAB	comp=Z,348nm,0.9s			
WRAB	Tennant Creek	47.62 192 P	P	17 50 02.3 -0.5
WRAB	comp=Z,1um,0.8s,SNR=7.4			
WRAB	Tennant Creek	47.62 192 P	P	17 50 02.3 -0.5
WRAB	comp=Z,153nm,0.8s			
WRA	Warramunga Arr	47.63 192 P	P	17 50 02.6 -0.2
WRA	comp=Z,103nm,0.8s,baz=12,slow=8.3,SNR=18			
WRA	Warramunga Arr	47.63 192 P	P	17 50 02.7 -0.2
WRA	comp=Z,101nm,0.8s			
WC3	Warramunga Arr	47.64 191 P	P	

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH, MDM, KZA, WRH, SCM, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAU, GEYT, SPITS, YKA, RES, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SWMT, NCK, MBO, KIBZ, KIV, etc.

PFO	Pinyon Flat Ob	83.18	56	P	P	17 53 53.8 +0.5
PFO	Pinyon Flat Ob	83.18	56	eP	Pmax	17 53 54.3 +1.0
PFO	Pinyon Flat Ob	83.18	56	eP	Pmax	17 53 54.3 +1.0
AKASG	Malin Array Be	83.18	324	P	P	17 53 51.2 -1.5
AKASG	Malin Array Be	83.18	324	P	P	17 53 51.3 -1.5
KIEV	Kiev	83.19	324	iP	P	17 53 52.9 +0.1
KIEV	Kiev	83.19	324	eP	Pmax	17 53 51.6 -1.1
NLU	North Lily Min	83.21	49	eP	P	17 53 54.8 +1.4
AK11	Malin Array Si	83.22	324	eP	P	17 53 52.0 -0.9
BE1C	Belle Mtn. Jos	83.23	55	P	P	17 53 53.9 -0.1
LAO	LASA Array	83.37	41	P	P	17 53 55.0 +1.1
BW06	Boulder Array	83.42	45	eP	P	17 53 54.6 +0.1
PDAR	Pinedale Array	83.42	45	eP	P	17 53 54.9 +0.3
BAR	Barrett	83.45	57	eP	P	17 53 50.7 -3.9
LDGC	Landgraf	83.47	54	eP	P	17 53 55.5 +0.8
DMGT	Dagmar	83.54	38	P	P	17 53 54.8 +0.1
SIM	Simferopol'	83.62	318	eP	S	17 53 56.4 +1.3
SIM	Simferopol'	83.62	318	eP	S	18 04 20.0 +2.5
HFS	Hagfors	83.78	337	P	P	17 53 55.8 +0.2
HFS	Hagfors	83.78	337	P	Pmax	17 53 55.8 +0.2
MSU	Marysville	83.86	50	eP	P	17 53 59.1 +2.3
IRM	Iron Mountain	83.88	55	P	P	17 53 56.8 +0.1
BC3	Big Chucawall	83.90	55	P	P	17 53 57.6 +0.7
NB2	NORSAR Subarra	83.94	339	P	P	17 53 56.5 0.0
NB2	NORSAR Subarra	83.94	339	P	P	17 53 56.5 0.0
NOA	NORSAR Array B	83.94	339	P	P	17 53 56.4 0.0
NOA	NORSAR Array B	83.94	339	P	Pmax	17 53 56.4 0.0
TMUT	Trail Mountain	84.12	49	eP	P	17 54 01.1 +2.8
B25A	Knox Farm, Ray	84.22	38	P	P	17 53 59.4 +1.2
MALT	Malatya	84.28	310	iP	P	17 54 00.9 +2.1
MALT	Malatya	84.28	310	iP	P	17 54 00.9 +2.1
P17A	Butcher Ranch,	84.34	48	eP	P	17 54 00.7 +1.5
A25A	Waide Farm, Ken	84.47	37	P	P	17 53 59.8 +0.3
C26A	Freed Ranch, W	84.49	39	P	P	17 54 00.4 +0.8
Y12C	Blythe	84.53	55	P	P	17 54 00.7 +0.7
GLA	Glamis	84.64	56	eP	Pmax	17 53 59.8 -0.8
GLA	Glamis	84.64	56	P	P	17 54 00.6 -0.1
GLA	Glamis	84.64	56	eP	P	17 53 59.8 -0.8
B26A	Jensen Ranch,	84.67	38	P	P	17 54 01.8 +1.4
SRU	San Rafael	84.67	49	eP	Pmax	17 54 02.0 +1.1
SRU	San Rafael	84.67	49	eP	P	17 54 02.0 +1.1
D25A	Fairfield	84.77	39	P	P	17 54 02.4 +1.4
C26A	Wahner Farm, P	85.06	38	P	P	17 54 03.2 +0.8
E25A	Miller Ranch,	85.09	40	P	P	17 54 03.6 +0.9
K22A	Casper	85.38	44	P	P	17 54 04.7 +0.3
F25A	Bowman	85.39	40	P	P	17 54 04.6 +0.4
C27A	Saylor Ranch,	85.45	38	P	P	17 54 05.3 +0.9
SFJD	Kangerlussuaq	85.54	5	P	P	17 54 04.9 +0.5
SFJD	Kangerlussuaq	85.54	5	iP	Pmax	17 54 05.6 +1.2
SFJD	Kangerlussuaq	85.54	5	iP	P	17 54 05.6 +1.2
SFJD	Kangerlussuaq	85.54	5	eP	P	17 54 05.7 +1.3
B28A	Dugan Ranch, T	85.63	37	P	P	17 54 06.0 +0.7
E26A	Carlson Angus,	85.64	39	P	P	17 54 05.9 +0.5
O20A	White River Ci	85.64	47	P	P	17 54 06.2 +0.4
D27A	Center	85.79	38	P	P	17 54 06.9 +0.7
G25A	Newell	85.83	41	P	P	17 54 07.2 +0.8
F26A	Lodgepole	85.88	40	P	P	17 54 06.9 +0.2
WUAZ	Wupakti	85.91	52	P	P	17 54 07.7 +0.5
WUAZ	Wupakti	85.91	52	eP	P	17 54 08.6 +1.5
PV09	Paradox Valley	85.92	49	eP	P	17 54 09.0 +1.7
A29A	Manning Farm,	85.94	36	P	P	17 54 07.6 +0.8
H25A	Fruitdale	86.05	41	P	P	17 54 07.8 +0.3
C28A	Hausauer Farms	86.06	37	P	P	17 54 08.7 +1.3
RSSD	Black Hills	86.08	42	eP	Pmax	17 54 09.6 +1.7
RSSD	Black Hills	86.08	42	eP	P	17 54 09.6 +1.7
RAYN	Ar Rayn	86.08	294	P	P	17 54 08.3 +0.3
RAYN	Ar Rayn	86.08	294	eP	P	17 54 08.3 +0.3
B29A	Wagenman Farm,	86.16	36	P	P	17 54 08.5 +0.7
PV05	Paradox Valley	86.16	49	eP	P	17 54 09.1 +0.7
F27A	Lemmon	86.24	40	P	P	17 54 08.4 0.0
G26A	Maurine	86.25	40	P	P	17 54 08.9 +0.5
I25A	Rochford	86.32	42	P	P	17 54 09.0 +0.1
A30A	Hoffart Farm,	86.42	36	P	P	17 54 09.0 -0.1
PV01	Paradox Valley	86.48	49	eP	P	17 54 12.1 +2.1
H26A	Fairpoint	86.54	41	P	P	17 54 10.2 +0.3
G27A	Dupree	86.58	40	P	P	17 54 10.6 +0.5
J25A	Sunshine Ranch	86.63	42	P	P	17 54 10.9 +0.5
214A	Organ Pipe Nat	86.67	56	P	P	17 54 11.2 +0.5
B30A	Morvik Farm, E	86.70	36	P	P	17 54 11.1 +0.5
BRTR	Keskin Array B	86.73	313	P	P	17 54 10.4 -0.5
BRTR	Keskin Array B	86.73	313	P	Pmax	17 54 10.5 -0.5
PHWY	Pilot Hill	86.79	45	eP	P	17 54 13.9 +2.4
ULM	Lac du Bonnet	86.81	34	P	P	17 54 10.7 -0.3

ULM	Lac du Bonnet	86.81	34	P	P	17 54 10.7 -0.3
ULM	Lac du Bonnet	86.81	34	P	Pmax	17 54 10.7 -0.3
I26A	New Underwood	86.83	41	P	P	17 54 12.3 +0.9
H27A	Howes	86.93	41	P	P	17 54 11.9 +0.1
F28A	McLaughlin	86.94	39	P	P	17 54 12.4 +0.6
CFR	Carcalui	87.00	320	iP	P	17 54 14.2 +2.2
CFR	Carcalui	87.00	320	iP	P	17 54 14.2 +2.2
MVCO	Mesa Verde	87.02	49	P	P	17 54 12.7 0.0
MVCO	Mesa Verde	87.02	49	eP	P	17 54 13.2 +0.6
TESR	Tescani	87.03	322	iP	P	17 54 12.1 -0.1
B31A	Greenbush Farm	87.07	36	P	P	17 54 12.2 -0.1
C30A	Mose, Pekin	87.09	37	P	P	17 54 13.3 +0.8
J26A	Sides Ranch, S	87.11	42	P	P	17 54 13.1 +0.4
BURAR	Bucovina Array	87.14	323	iP	P	17 54 13.1 +0.3
BURAR	Bucovina Array	87.14	323	iP	P	17 54 13.1 +0.3
E29A	Napoleone	87.15	38	P	P	17 54 13.2 +0.4
BR21	Keskin MP Arra	87.22	314	eP	P	17 54 11.8 -1.6
TIRR	Tirgusor	87.26	319	iP	P	17 54 13.3 0.0
TIRR	Tirgusor	87.26	319	iP	P	17 54 13.3 0.0
I27A	Quinn	87.28	41	P	P	17 54 13.9 +0.4
D30A	Buchanan	87.30	37	P	P	17 54 14.5 +1.0
G28A	Parade	87.34	40	P	P	17 54 13.5 -0.2
A32A	Rocking H Ranc	87.36	35	P	P	17 54 13.8 +0.1
VRI	Vrincioia	87.38	321	iP	P	17 54 15.3 +1.4
VRI	Vrincioia	87.38	321	iP	P	17 54 15.3 +1.4
TLB	Topalu	87.40	320	iP	P	17 54 13.7 -0.3
TLB	Topalu	87.40	320	iP	P	17 54 13.7 -0.3
C31A	Landman Farms,	87.42	36	P	P	17 54 14.0 0.0
PLOR	Plostina	87.43	321	iP	P	17 54 15.3 +1.1
PLOR	Plostina	87.43	321	iP	P	17 54 15.3 +1.1
H28A	Mission Ridge	87.52	40	P	P	17 54 14.8 +0.2
ISCO	Idaho Springs	87.52	46	P	P	17 54 14.9 -0.2
E30A	Jud	87.59	38	P	P	17 54 15.4 +0.5
B32A	Ashes, Strandq	87.67	35	P	P	17 54 15.0 -0.2
J27A	Elkhorn Farm,	87.78	42	P	P	17 54 16.1 +0.1
MS7B	Monastery St. A	87.82	319	iP	P	17 54 16.3 +0.3
KOLS	Kolonickie sedl	87.83	326	eP	Pmax	17 54 15.8 -0.2
KOLS	Kolonickie sedl	87.83	326	eP	P	17 54 15.8 -0.2
I28A	Midland	87.83	41	P	P	17 54 16.6 +0.4
D31A	McClaffin, Tow	87.90	37	P	P	17 54 16.7 +0.4
A33A	Warrod	87.90	34	P	P	17 54 16.7 +0.4
ISR	Istrita	87.94	321	iP	P	17 54 17.7 +1.1
ISR	Istrita	87.94	321	iP	P	17 54 17.7 +1.1
H29A	Onida	88.01	40	P	P	17 54 17.7 -0.2
UZH	Uztogorod	88.01	325	eP	P	17 54 13.3 -3.5
STHS	Stebnicka Huta	88.03	326	eP	Pmax	17 54 18.3 +1.4
STHS	Stebnicka Huta	88.03	326	eP	P	17 54 18.3 +1.4
MLR	Muntele Rosu	88.04	321	P	P	17 54 16.0 -1.2
MLR	Muntele Rosu	88.04	321	P	Pmax	17 54 16.0 -1.2
MLR	Muntele Rosu	88.04	321	P	Pmax	17 54 16.0 -1.2
MLR	Muntele Rosu	88.04	321	P	P	17 54 17.1 -0.1
DOPR	Dopca	88.06	322	iP	P	17 54 16.9 -0.3
AGMM	Agassiz Nation	88.08	35	P	P	17 54 17.3 +0.1
AGMM	Agassiz Nation	88.08	35	eP	P	17 54 18.7 +1.6
E31A	Nome	88.11	37	P	P	17 54 17.4 0.0
J28A	Allard Ranch,	88.14	41	P	P	17 54 17.7 +0.1
OJC	Ojcow	88.19	328	eP	Pmax	17 54 17.8 +0.1
OJC	Ojcow	88.19	328	eP	P	17 54 17.8 +0.1
G30A	Faulkon	88.31	39	P	P	17 54 18.5 +0.2
I29A	Vivian Onida	88.32	40	P	P	17 54 18.9 +0.4
F31A	Hecla	88.35	38	P	P	17 54 18.9 +0.3
C33A	Trail	88.47	35	P	P	17 54 19.7 +0.6
K28A	Ten Mile Ranch	88.48	42	P	P	17 54 19.7 +0.4
ASF	Jabal al Asfar	88.49	306	P	P	17 54 19.0 -0.5
ASF	Jabal al Asfar	88.49	306	P	Pmax	17 54 19.0 -0.5
CJR	Cluj-Napoca	88.56	323	iP	P	17 54 18.9 -0.7
CJR	Cluj-Napoca	88.56	323	iP	P	17 54 18.9 -0.7
B34A	Aery, Baudette	88.57	34	P	P	17 54 19.6 +0.1
VOIR	Voire	88.57	322	iP	P	17 54 19.8 +0.1
VOIR	Voire	88.57	322	iP	P	17 54 19.8 +0.1
J29A	Okreek	88.68	41	P	P	17 54 20.4 +0.3
D33A	AnnSam, Waubun	88.83	36	P	P	17 54 20.9 +0.2
SUSD	South Dakota S	88.83	39	P	P	17 54 20.9 +0.1
ARR	Arges	88.85	322	iP	P	17 54 21.8 +0.8
I30A	Oacoma	88.89	40	P	P	17 54 21.3 +0.2
DRGR	Drager	88.98	324	iP	P	17 54 20.7 -0.9
DRGR	Drager	88.98	324	iP	P	17 54 20.7 -0.9
LANS	Liptovska Anna	89.07	327	eP	P	17 54 22.5 +0.6
LANS	Liptovska Anna	89.07	327	eP	P	17 54 22.5 +0.6
H31A	Wolsey	89.08	39	P	P	17 54 22.2 +0.2
B35A	Bob, Littlelor	89.11	34	P	P	17 54 22.5 +0.5
MMAI	Mount Meron Ar	89.12	307	P	P	17 54 20.5 -2.0
E33A	Westby DABS, E	89.16	36	P	P	17 54 22.7 +0.4
D34A	Park Rapids	89.20	36	P	P	17 54 23.4 +0.8
J30A	Dallas	89.21	41	P	P	17 54 23.0 +0.3
OKC	Ostrava-Krasne	89.24	328	eP	P	17 54 21.9 -0.7
OKC	Ostrava-Krasne	89.24	328	eP	x	17 54 21.9 -0.7
M28A	Bar X Bar Ranc	89.25	43	P	P	17 54 22.7 -0.3
C35A	Jirik Farms, M	89.43	35	P	P	17 54 23.7 +0.2
F33A	5 Mile Ranch,	89.43	37	P	P	17 54 24.4 +0.9
DEV	Deva	89.46	323	iP	P	17 54 24.3 +0.6
DEV	Deva	89.46	323	iP	P	17 54 24.3 +0.6
MORC	Moravsky Berou	89.56	328	eP	P	17 54 24.0 -0.2
MORC	Moravsky Berou	89.56	328	iP	P	17 54 19.5 -4.7
MORC	Moravsky Berou	89.56	328	eP	P	17 54 24.0 -0.2
N28A	Pribbeno Ranch	89.57	44	P	P	17 54 25.2 +0.7
E34A	Wadena	89.59	36	P	P	17 54 24.9 +0.6
BSEG	Bad Segeberg	89.62	334	eP	P	17 54 24.9 +0.6
ANMO	Al					

21d 17h

Table with columns: WET, Wetzlh, 92.14 330 eP, P, 17 54 36.3 +0.1, etc. Lists various stations and their coordinates.

2010 DEC

Table with columns: baz=95, 94.72 40 P, P, 17 54 49.3 +1.1, etc. Lists various stations and their coordinates.

990

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, etc. Lists various stations and their coordinates.

ISC/JB 21 17:45:55.1±0.5, 27.2°0N, 07:143.56E, 0.05, h10km, mb4.4/24, Error ellipse: s-maj=10.3km s-min=6.5km az=162.8

IDC 21 17:45:55.0±0.7, 27.17N, 143.44E, h0km, mb4.3/18, mb1.4/5.21, mb1mx4.2/78, mbtmp4.3/21, ML3.5/3, Error ellipse: s-maj=16.8km s-min=14.1km az=165.0

NEIC 21 17:45:57.0±0.4, 27.17N, 143.42E, h10km, mb4.8/7, Error ellipse: s-maj=9.7km s-min=9.6km az=67.0

ISC 21 17:45:57.1±0.7, 27.2°N, 07:143.43E, 0.07, h10km, n36, 05/07, mb4.5/24, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, etc. Lists various stations and their coordinates.

IDC 21 17:44:03.9±0.9, 27.09N, 143.86E, h0km, mb4.4/21, mb1.4/5.24, mb1mx4.3/72, mbtmp4.4/24, ML3.7/3, Error ellipse: s-maj=23.3km s-min=15.1km az=169.0

ISC/JB 21 17:44:04.1±0.5, 27.14N, 06:143.81E, 0.05, h10km, mb4.5/32, Error ellipse: s-maj=9.3km s-min=6.0km az=162.8

NEIC 21 17:44:05.7±0.4, 27.13N, 143.85E, h10km, mb4.8/10, Error ellipse: s-maj=9.1km s-min=7.9km az=145.0

ISC 21 17:44:05.7±0.6, 27.14N, 08:143.76E, 0.07, h10km, n47, 01900/47, mb4.5/32, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AKASG Malin Array B, NOA NORSTAR Array B, KIS Kishinev, TXAR Lajitas Array, LPAZ La Paz, PLCA Paso Flores, LVC Limon Verde.

ISCJBJ 21 17:47:26.8:0.4, 26.99N:0.05:143.82E:0.05, h10km, mb4.6/38, Error ellipse: s-maj=7.6km s-min=6.8km az=177.4

ICC 21 17:47:27.0:2.0, 26.97N:143.91E, h0km, mb4.5/27, mb1 4.6/30, mb1mx4.4/7.9, mbtmp4.5/30, ML4.2/3, Error ellipse: s-maj=16.3km s-min=13.3km az=88.0

NEIC 21 17:47:28.7:0.4, 27.01N:143.87E, h10km, mb4.8/15, Error ellipse: s-maj=8.7km s-min=7.3km az=85.0

ISC 21 17:47:29.0:0.5, 27.04N:143.74E:0.06, h10km, n75, a1916/73, mb4.7/38, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, KSAR Wonju Array B, USKR Ussuriysk Arr, NACB Ninganchiao, YHNB Yeheng, SSSL Suwanglung, MDJ Mudanjiang, KLR Kul'dur, BJT Bajitau, HIA Hailar, ENH Enshi, QIZ Qiongzong, ULN Ulanbaatar, SONM Songino Arr, YAK Yakutsk, TLY Talaya, KSM Kuching, CMAR Chiang Mai Arr, LSA Lhasa, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, LEM Lembang, PSI Prapa, TAPAN Taplejung, ODAN Odare, ZALV Zalesov Beam, RAMN Ramite, JIRN Jiri, GUN Gumba, ASAR Alice Springs, PKI Pulchoki, PKIN Pulchokii, KKN Kakani, MKAR Makanchi Array, DMN Daman, KOLK Koldanda, KURB Kurchatov, KURBB Kurchatov Arr, MCK McKinley, TKMZ Tokmak 2, ILAR Eielson Array, AAK Ala-Archa, EKSS Erkin-Say, STKA Stephens Creek, BVAR Borovoye Array, BRVK Borovoye, INK Inuvik, ARU Arti, AKTO Aktyubinsk, IMYA Miami, GEYT Alibeck, KARD Kard, IDAH Dahanechaf, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, KIV Kislovodsk, NVAR Mina Array Bea, PDAR Pinedale Array, AKASG Malin Array B, RAYN Ar Rayn, BRTR Keskin Arr B, MMAI Mount Meron Arr, TXAR Lajitas Array, TORD Torodi Arr, LPAZ La Paz.

mb4.4/22, Error ellipse: s-maj=13.5km s-min=10.4km az=159.4
ICC 21 17:49:03.7:0.7, 27.21N:143.76E, h0km, mb4.3/18, mb1 4.4/20, mb1mx4.2/7.5, mbtmp4.3/20, ML3.9/2, Error ellipse: s-maj=18.5km s-min=17.7km az=91.0
NEIC 21 17:49:05.0:0.5, 27.18N:143.73E, h10km, mb4.6/5, Error ellipse: s-maj=12.7km s-min=9.3km az=75.0
ISC 21 17:49:05.1:0.8, 27.22N:0.1x143.7E:0.1, h10km, n30, a1902/29, mb4.3/22, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, KSAR Wonju Array B, YSS Yuzh-Sakhalins, MDJ Mudanjiang, KLR Kul'dur, SONM Songino Arr, YAK Yakutsk, SEY Seymchan, TLY Talaya, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KDKA Kodiak Island, KURK Kurchatov, KURBB Kurchatov Arr, ILAR Eielson Array, PAX Paxon, EKSS Erkin-Say, BVAR Borovoye Array, YKA Yellowknife Arr, FINES FINESS Array B, NVAR Mina Array Bea, PDAR Pinedale Array, ADAR Adirondack Array, KSAR Malin Array B, SFJD Kangerlussuaq, LPAZ La Paz.

ISCJBJ 21 17:50:10.6:0.7, 27.13N:0.10:143.8E:0.1, h10km, mb4.3/12, MS5.8/1, Error ellipse: s-maj=16.0km s-min=14.8km

ICC 21 17:50:10.4:0.8, 27.11N:143.86E, h0km, mb4.4/11, mb1 4.6/10, mb1mx4.1/7.3, mbtmp4.4/13, ML3.9/2, MS5.9/1, Ms1 5.9/1, ms1mx5.1/6.4, Error ellipse: s-maj=26.8km s-min=19.2km az=126.0

NEIC 21 17:50:12.0:0.5, 27.10N:143.84E, h10km, mb4.7/1, Error ellipse: s-maj=13.3km s-min=11.1km az=71.0

ISC 21 17:50:12.0:0.8, 27.11N:0.1x143.8E:0.2, h10km, n17, a0888/15, mb4.2/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Arr, KSAR Wonju Array B, KLR Kul'dur, KAPI Kappan, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, LEM Lembang, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea, ELK Elko, PDAR Pinedale Array, AKASG Malin Array B, SFJD Kangerlussuaq.

ISCJBJ 21 17:51:18.2:1.4, 27.1N:0.2:143.8E:0.1, h10km, mb4.2/5, Error ellipse: s-maj=26.1km s-min=16.1km az=11.4
ICC 21 17:51:18.3:3.3, 26.91N:143.93E, h0km, mb4.2/5, mb1 4.3/8, mb1mx3.9/7.2, mbtmp4.2/8, ML3.7/3, Error ellipse: s-maj=79.3km s-min=30.5km az=14.0

NEIC 21 17:51:20.1:1.0, 27.06N:143.82E, h10km, mb4.2/1, Error ellipse: s-maj=20.3km s-min=13.4km az=187.0

ISC 21 17:51:19.8:1.6, 27.00N:0.2:143.8E:0.1, h10km, n11, a0899/11, mb4.2/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, KSAR Wonju Array B, KSAR Korea Array, KSAR Wonju Array B, USKR Ussuriysk Arr, YHNB Yeheng, MKAR Makanchi Array, KDKA Kodiak Island, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array.

ICC 21 17:52:33.7:0.7, 26.80N:143.49E, h0km, mb4.2/20, mb1 4.3/23, mb1mx4.2/6.9, mbtmp4.2/23, ML2.2/1, Error ellipse: s-maj=17.8km s-min=16.1km az=30.2

NEIC 21 17:52:35.0:1.5, 26.84N:143.48E, h10km, mb4.9/6, Error ellipse: s-maj=11.3km s-min=9.5km az=61.0

ISC 21 17:52:35.0:0.8, 26.9N:0.1x143.49E:0.09, h10km, n36, a1903/34, mb4.3/26, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CBJJ Chichi jima.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CBUJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Arr, KSAR Wonju Array B, USKR Ussuriysk Arr, MDJ Mudanjiang, KLR Kul'dur, PET Petropavlovsk, YAK Yakutsk, SEY Seymchan, TLY Talaya, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesov Beam, ASAR Alice Springs, MKAR Makanchi Array, KDKA Kodiak Island, KURK Kurchatov, KURBB Kurchatov Arr, PMR Palmer, ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Arr, YBH Yreka Blue Hor, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Bea, AKASG Malin Array B, PDAR Pinedale Array, SFJD Kangerlussuaq, BRTR Keskin Arr B, TXAR Lajitas Array, LPAZ La Paz.

BUI 21 17:53:20.7:2.7, 27.03N:143.33E, h10km, mb5.1/34, mb5.8/2, Ms5.6/1, Ms7 5.4/3

ICC 21 17:53:20.6:0.4, 27.18N:143.53E, h0km, mb4.8/41, mb1 4.9/46, mb1mx4.7/6.8, mbtmp4.8/46, ML3.8/5, Error ellipse: s-maj=11.3km s-min=10.9km az=130.0

MOS 21 17:53:20.5:1.0, 27.17N:143.48E, h10km, mb5.2/61, Error ellipse: s-maj=8.1km s-min=5.1km az=103.4

NEIC 21 17:53:22.5:0.1, 27.20N:143.46E, h10km, mb5.3/122, Error ellipse: s-maj=4.5km s-min=3.0km az=160.0

JMA 21 17:53:22.0:2.0, 27.37N:143.62E, h45km, M4.7

ISCJBJ 21 17:53:25.1:0.1, 27.39N:0.03:143.37E:0.02, h33km, mb5.1/153, MS6.8/1, Error ellipse: s-maj=4.2km s-min=2.7km az=173.3

ISC 21 17:53:26.3:0.3, 27.26N:0.05:143.46E:0.05, h35km, n566, a1900/577, mb5.2/160, 7C-9D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, JHHU Haha-jima-NKT, JHHU Mitsune, JOD2 Odawara 2, JHU Hanno, JYT Yasato, JRY Ryogami san, JRY Ashikaga, INU Inuyama, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, MAJO Matsushiro, MAJO Matsushiro, JNK Kawatsuki, JNK Nakatsue, JNU Kunigami Arr, KSRS Korea Arr, KSRS Korea Arr, KSAR Wonju Array B, KSAR Wonju Array B, KSAR Wonju Array Si, ASAJ Ashikawa, ASAJ Ashikawa, INCN Incho, INSHR Inshutsu, VLA Vladivostok, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, USKR Ussuriysk Arr, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, TATO Taipei, NACB Ninganchiao, YHNB Yeheng, YULB Yu-li.

ISCJBJ 21 17:49:03.0:4.0, 26.27N:0.08:143.7E:0.1, h10km,

21d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MDJ, TWG, SNY, CN2, QZH, SZP, KLR, KLR, WHN, BJI, HIA, HIA, HHC, HHC, SIJI, FAKI, QIZ, QIZ, MA2, GYA, KKM, LZH, LZH, LZH, LZH, LZH, CD2, ULN, ULN, SONM, SONM, YAK, YAK, YAK, SEY, SEY, SLVN, KMI, KMI, TLY, TLY, ATKA, KSM, MTN, CHTO, CHTO, CHTO, CM01, CMAR, CMAR, BILL, BILL, BILL, UNV, UNV, LSA, LSA, KULM, WMQ, WMQ, WRAB, WRAB, WRAB, WRA, WRA, WRA.

2010 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like W3C, TNA, CISI, PSI, PSI, PSI, TAPN, LHMI, ODAM, ZAAO, ZALV, ZALV, RAMN, JIRN, GUN, GSI, PKI, KKN, MK01, MKAR, MKAR, DMN, MAKZ, ASAR, ASAR, XMSI, SVW2, KOLN, KADK, KADK, KURK, KURK, KURB, DZM, HLK, RC01, TRF, SEW, MLY, PMR, PMR, HPAH, MSVF, RND, RND, MCK, MCK, COLD, SML, SML, SML, TKM2, TKM2, KSH, KSH, KSH, KSH, WRH, SCM, SCM, SCM, COLA, COLA, COLA, IL1, ILAR, ILAR, AAK, AAK, AAK, KLU, PAX, PAX, EKS2, EKS2, HARP, BMRM, DOT, VOSK, VOSK.

992

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VOSK, BVAR, BVAR, BRVK, BRVK, STKA, STKA, ZRNK, ZRNK, KKAR, KKAR, PCA, INK, INK, INK, ARU, ARU, ARU, ARU, DLBC, GEYT, YKA, YKA, RES, RES, TMCR, TMCR, APA, APA, B05A, KLMR, ARCES, ARCES, I03D, I04A, G05D, B08A, I05D, E07A, YBH, YBH, M02C, HAWA, N02D, D08A, J05D, C09A, DAG, DAG, M04C, EDM, EDM, NEW, NEW, NEW, G08A, MOD, ORV, ORV, F10A, OBN, OBN, OBN, BMO, WVOR, WVOR, WALA, YBMT, SWMT, FINES, FINES, FINES, MSO, SLMT, KBZ, KBZ.

KBZ	comp=Z,13nm,0.9s		pmax	pmax	
KIV	Kislovodsk	78.76 314	eP	P	18 05 28.0 +2.5
KIV	comp=Z,14nm,0.9s		eP	pmax	
KIV	Kislovodsk	78.76 314	eP	P	18 05 27.6 +2.1
MFID	Camas Ranch	78.96 47	eP	P	18 05 26.9 +0.2
GNI	Garni	79.09 310	iP	P	18 05 29.9 +2.4
BMN	Battle Mountain	79.38 50	eP	P	18 05 30.0 +0.9
BMN	comp=Z,176nm,2.9s		eP	pmax	
BMN	Battle Mountain	79.38 50	eP	P	18 05 30.0 +0.9
NV01	Mina Array Sit	79.52 52	eP	P	18 05 30.3 +0.3
NVAR	Mina Array Sit	79.52 52	eP	P	18 05 29.4 -0.6
VSU	comp=Z,15nm,1.6s,baz=275,slow=5.9,SNR=20		eP	pmax	
VSU	Vasula	79.79 322	iP	P	18 05 31.2 +0.5
HLID	comp=Z,55nm,1.0s		eP	pmax	
HLID	Hailey	79.81 46	eP	P	18 05 30.7 -0.7
HLID	Hailey	79.81 46	eP	P	18 05 31.7 +0.3
LRM	comp=Z,7.8nm,1.0s		eP	pmax	
LRM	Limekin Ridge	79.97 44	eP	P	18 05 32.7 +0.4
DLMT	Dillon	80.10 44	eP	P	18 05 34.2 +1.4
YES	Vestal, Richgr	80.11 55	eP	P	18 05 32.1 -0.8
SUMG	Summit	80.42 1	iP	P	18 05 35.8 +1.4
SUMG	comp=Z,29nm,0.9s		iP	pmax	
SUMG	Summit	80.42 1	iP	P	18 05 35.8 +1.4
SUMG	comp=Z,29nm,0.9s		eP	pmax	
SUMG	Summit	80.42 1	eP	P	18 05 35.3 +1.0
EGMT	Eagleton	80.50 41	eP	P	18 05 34.6 -0.3
BOZ	Bozeman (W)	80.56 43	eP	P	18 05 35.6 +0.3
BOZ	Bozeman (W)	80.56 43	eP	P	18 05 34.6 -0.8
BOZ	Bozeman (W)	80.56 43	eP	P	18 05 35.6 +0.3
ELK	Elko	80.58 49	eP	P	18 05 35.3 -0.4
ELK	Elko	80.58 49	eP	P	18 05 36.2 +0.5
ELK	Elko	80.58 49	eP	P	18 05 36.2 +0.5
ARVC	Arvin	80.61 55	eP	P	18 05 35.2 -0.4
ISA	Isabella	80.64 55	eP	P	18 05 34.2 -1.6
WCHM	Chimney Peak	80.83 54	eP	P	18 05 40.5 +3.4
WWP	Walker Pass	80.89 55	eP	P	18 05 40.1 +2.9
DAC	Darwin (Calif)	81.00 54	eP	P	18 05 37.2 -0.7
DAC	Darwin (Calif)	81.00 54	eP	P	18 05 37.2 -0.7
FFC	Flin Flon	81.00 32	eP	P	18 05 37.7 +0.4
FFC	Flin Flon	81.00 32	eP	P	18 05 37.5 +0.2
FFC	Flin Flon	81.00 32	eP	P	18 05 37.7 +0.4
QLMT	Earthquake Lak	81.08 44	eP	P	18 05 38.9 +0.7
MPMC	Manual Prospect	81.17 54	eP	P	18 05 38.8 0.0
LRMC	Laurel Mountain	81.29 55	eP	P	18 05 39.5 +0.1
EDW2	Edwards Air Fo	81.34 55	eP	P	18 05 40.0 +0.4
FURC	Furnace Creek	81.43 53	eP	P	18 05 40.1 +0.2
YMR	Madison River	81.45 44	eP	P	18 05 41.7 +1.5
R11A	Troy Canyon, C	81.46 51	eP	P	18 05 40.4 +0.2
YNR	Norris Junctio	81.61 44	eP	P	18 05 43.2 +2.1
YFT	Old Faithful	81.64 44	eP	P	18 05 43.7 +2.5
HVU	Hansel Valley	81.72 47	eP	P	18 05 42.6 +1.0
HVU	Hansel Valley	81.72 47	eP	P	18 05 42.6 +1.0
H17A	Grant Village	81.83 44	eP	P	18 05 44.2 +1.9
H17A	Grant Village	81.83 44	eP	P	18 05 44.7 +2.5
LKWY	Lake	81.85 44	eP	P	18 05 45.1 +2.7
LKWY	Lake	81.85 44	eP	P	18 05 45.1 +2.7
FLWY	Flagg Ranch	81.91 44	eP	P	18 05 44.0 +1.4
FXWY	Fox Creek	81.93 45	eP	P	18 05 44.0 +1.2
FCC	Fort Churchill	81.96 26	eP	P	18 05 41.2 -1.0
FCC	Fort Churchill	81.96 26	eP	P	18 05 41.2 -1.0
BGU	Big Grassy Mts	81.97 48	eP	P	18 05 43.3 +0.4
GSC	Goldstone	82.01 54	eP	P	18 05 43.7 +0.5
GSC	Goldstone	82.01 54	eP	P	18 05 43.0 -0.2
GSC	Goldstone	82.01 54	eP	P	18 05 43.7 +0.5
MOOV	Moose Ponds	82.05 45	eP	P	18 05 44.1 +0.7
SHOC	Shoshone	82.11 54	eP	P	18 05 43.2 -0.4
REDW	Red Top Meadow	82.17 45	eP	P	18 05 44.7 +0.7
RLMT	Red Lodge	82.26 43	eP	P	18 05 44.2 -0.2
RLMT	Red Lodge	82.26 43	eP	P	18 05 45.5 +1.0
ALHD	Auburn Hatcher	82.32 46	eP	P	18 05 44.8 0.0
DUG	Dugway	82.47 49	eP	P	18 05 45.9 +0.4
DUG	Dugway	82.47 49	eP	P	18 05 45.3 -0.3
DUG	Dugway	82.47 49	eP	P	18 05 45.9 +0.4
HEC	Hector,Ludlow	82.55 55	eP	P	18 05 46.6 +0.5
TUQ	Turquoise Moun	82.59 54	eP	P	18 05 46.3 +0.1
HWUT	Hardware Ranch	82.59 47	eP	P	18 05 46.6 +0.4
109C	Camp Elliot, M	82.91 57	eP	P	18 05 47.6 -0.2
PFO	Pinyon Flat Ob	83.06 56	eP	P	18 05 48.1 -0.6
PFO	Pinyon Flat Ob	83.06 56	eP	P	18 05 48.1 -0.6
NLU	North Lily Min	83.08 49	eP	P	18 05 49.4 +0.5
AKASG	Malin Array Be	83.15 324	eP	P	18 05 48.3 -0.3
AKASG	Malin Array Be	83.15 324	eP	P	18 05 48.3 -0.3
KIEV	Kiev	83.16 324	iP	P	18 05 48.4 -0.3
BEJC	Belle Mtn. Jos	83.21 55	eP	P	18 05 49.1 -0.4
LAO	LASA Array	83.24 41	eP	P	18 05 49.5 +0.2
LAO	LASA Array	83.24 41	eP	P	18 05 50.3 +0.9

BW06	Boulder Array	83.29 45	eP	P	18 05 49.4 -0.5
PDAR	Pinedale Array	83.29 45	eP	P	18 05 49.7 -0.2
CCUT	Cedar City	83.39 51	eP	P	18 05 51.2 +0.8
DGMT	Dagmar	83.41 38	eP	P	18 05 49.6 -0.5
SIM	Simferopol'	83.60 318	ceP	P	18 05 51.9 +0.8
SIM	Svangstou Ranch	83.73 37	eP	P	18 05 51.5 -0.2
A25A	Iron Mountain	83.75 55	eP	P	18 05 51.7 -0.4
BC3	Big Chuckawall	83.77 55	eP	P	18 05 51.7 -0.6
NB2	NORSAR Subarra	83.87 339	eP	P	18 05 52.4 +0.2
NOA	NORSAR Array B	83.87 339	eP	P	18 05 52.0 -0.2
NOA	NORSAR Array B	83.87 339	eP	P	18 05 52.0 -0.2
TMUT	Trail Mountain	83.99 49	eP	P	18 05 54.2 +0.6
B25A	Knox Farm, Ray	84.09 38	eP	P	18 05 53.4 -0.2
P17A	Butcher Ranch,	84.21 48	eP	P	18 05 55.2 +0.6
A26A	Wade Farm, Ken	84.34 37	eP	P	18 05 54.4 -0.4
SRU	San Rafael	84.54 49	eP	P	18 05 56.5 +0.2
SRU	San Rafael	84.54 49	eP	P	18 05 56.5 +0.2
D25A	Fairfield	84.64 39	eP	P	18 05 56.2 -0.2
D26A	Manning	85.20 39	eP	P	18 05 59.7 +0.4
F25A	Gowman	85.26 40	eP	P	18 05 59.9 +0.3
SFJD	Kangerlussuaq	85.43 6	eP	P	18 06 00.6 +0.7
SFJD	Kangerlussuaq	85.43 6	eP	P	18 06 01.0 +1.1
SFJD	Kangerlussuaq	85.43 6	eP	P	18 06 00.9 +0.2
SFJD	Kangerlussuaq	85.43 6	eP	P	18 06 00.9 +0.2
E26A	Carlson Angus	85.51 39	eP	P	18 06 00.9 0.0
O20A	White River Ci	85.51 47	eP	P	18 06 01.1 0.0
D27A	Center	85.66 38	eP	P	18 06 01.7 +0.2
G25A	Newell	85.70 41	eP	P	18 06 01.8 0.0
F26A	Lodgepole	85.75 40	eP	P	18 06 01.9 -0.1
WUAZ	Wupatki	85.78 52	eP	P	18 06 02.5 0.0
WUAZ	Wupatki	85.78 52	eP	P	18 06 03.3 +0.8
PV09	Paradox Valley	85.79 49	eP	P	18 06 03.3 +0.6
A29A	Manning Farm,	85.81 36	eP	P	18 06 02.7 +0.5
FRB	Frobisher Bay	85.85 14	eP	P	18 06 02.2 +0.3
FRB	Frobisher Bay	85.85 14	eP	P	18 06 02.3 +0.3
PV10	Paradox Valley	85.91 49	eP	P	18 06 03.8 +0.6
H25A	Fruitdale	85.92 41	eP	P	18 06 02.9 0.0
B29A	Wagenman Farm,	86.03 36	eP	P	18 06 03.5 +0.2
F27A	Lemmon	86.11 40	eP	P	18 06 04.1 +0.3
G26A	Maurine	86.12 40	eP	P	18 06 04.1 +0.2
RAYN	Ar Rayn	86.12 294	eP	P	18 06 05.9 +1.6
RAYN	Ar Rayn	86.12 294	eP	P	18 06 05.8 +1.6
I25A	Rochford	86.18 42	eP	P	18 06 04.4 +0.1
A30A	Hoffart Farm,	86.28 36	eP	P	18 06 04.6 +0.1
H26A	Fairport	86.41 41	eP	P	18 06 05.5 +0.3
G27A	Dupree	86.45 40	eP	P	18 06 06.0 +0.6
214A	Orgn Pipe Nat	86.54 56	eP	P	18 06 06.1 -0.1
B30A	Myrvik Farm, E	86.57 36	eP	P	18 06 06.5 +0.5
N23A	Red Fisher La	86.58 45	eP	P	18 06 07.1 +0.6
ULM	Lac du Bonnet	86.68 34	eP	P	18 06 05.9 -0.5
ULM	Lac du Bonnet	86.68 34	eP	P	18 06 05.9 -0.5
I26A	New Underwood	86.69 41	eP	P	18 06 06.6 -0.1
BRTR	Keskin Array B	86.72 313	eP	P	18 06 07.0 0.0
BRTR	Keskin Array B	86.72 313	eP	P	18 06 07.0 0.0
H27A	Howe	86.80 41	eP	P	18 06 07.6 +0.4
MVCO	Mesa Verde	86.89 49	eP	P	18 06 07.4 -0.6
B31A	Greenbush Farm	86.94 36	eP	P	18 06 07.7 0.0
C30A	Mose, Pekin	86.96 37	eP	P	18 06 07.9 +0.1
J26A	Sides Ranch, S	86.98 42	eP	P	18 06 07.9 -0.3
I27A	Quinn	87.14 41	eP	P	18 06 08.7 -0.3
D30A	Buchanan	87.17 37	eP	P	18 06 08.7 -0.0
G28A	Parade	87.21 40	eP	P	18 06 09.2 0.0
BR21	Keskin MP Arra	87.21 314	eP	P	18 06 08.0 -1.3
A32A	Rocking H Ranch	87.23 35	eP	P	18 06 09.0 -0.1
C31A	Landman Farms,	87.29 36	eP	P	18 06 09.1 -0.4
F29A	Eureka	87.36 39	eP	P	18 06 10.1 +0.2
H28A	Mission Ridge	87.39 40	eP	P	18 06 10.2 +0.2
ISCO	Idaho Springs	87.39 46	eP	P	18 06 09.7 -0.8
ISCO	Idaho Springs	87.39 46	eP	P	18 06 10.8 +0.3
ISCO	Idaho Springs	87.39 46	eP	P	18 06 09.7 +0.8
E30A	Jud	87.46 38	eP	P	18 06 10.6 -0.3
I28A	Midland	87.70 41	eP	P	18 06 11.8 +0.2
S22A	4UR Ranch, Cre	87.72 48	eP	P	18 06 11.9 -0.2
A33A	Warrod	87.74 34	eP	P	18 06 12.1 +0.3
AGMN	Agassiz Nation	87.94 35	eP	P	18 06 12.3 -0.3
STHS	Stebnicka Huta	87.99 326	eP	P	18 06 13.3 +0.5
STHS	Stebnicka Huta	87.99 326	eP	P	18 06 13.3 +0.5
J28A	Allard Ranch,	88.00 41	eP	P	18 06 13.3 +0.2
B33A	Robert and Kas	88.10 35	eP	P	18 06 13.0 -0.3
Q24A	Divide	88.15 47	eP	P	18 06 13.9 -0.2
G30A	Faulkton	88.17 39	eP	P	18 06 14.0 +0.3
F31A	Hecla	88.22 38	eP	P	18 06 13.7 -0.2

C33A	Trail	88.34 35	eP	P	18 06 14.1 -0.3
K28A	Ten Mile Ranch	88.35 42	eP	P	18 06 14.2 -0.6
B34A	Baudette	88.44 34	eP	P	18 06 14.7 -0.2
J29A	Kreke	88.55 41	eP	P	18 06 15.3 -0.2
D33A	AnnSam, Waubun	88.76 30	eP	P	18 06 16.3 +0.2
I30A	Oacoma	88.76 40	eP	P	18 06 16.6 0.0
B35A	Bob, Littlefor	88.98 34	eP	P	18 06 17.4 -0.1
E33A	Westby DABS, E	89.02 37	eP	P	18 06 17.8 0.0
LANS	Liptovska Anna	89.03 327	eP	P	18 06 21.2 +3.5
LANS	Liptovska Anna	89.03 327	eP	P	18 06 21.2 +3.5
D34A	Park Rapids	89.07 36	eP	P	18 06 18.1 +0.2
J30A	Dallas	89.08 41	eP	P	18 06 18.1 0.0
C35A	Jirik Farms, M	89.30 35	eP	P	18 06 18.7 -0.2
F33A	5 Mile Ranch,	89.30 37	eP	P	18 06 19.0 +0.1
ANMO	Albuquerque	89.50 50	eP	P	18 06 20.4 0.0
ANMO	Albuquerque	89.50 50	eP	P	18 06 20.9 +0.5
D35A	Remer	89.67 35	eP	P	18 06 20.7 0.0
L30A	Spencer Herefo	89.78 42	eP	P	18 06 20.8 -0.7
H33A	Prehn Over Nor	89.79 38	eP	P	18 06 21.2 -0.1
C36A	Pine Crest Far	89.83 34	eP	P	18 06 21.1 -0.3
F34A	Alexandria	89.88 37	eP	P	18 06 21.6 -0.1
121A	Cookes Peak, D	89.88 53	eP	P	18 06 22.4 +0.2
K31A	O'Neill	89.94 41	eP	P	18 06 22.2 +0.1
D36A	Goodland	90.06 35	eP	P	18 06 21.6 -1.0
L31A	Butterfield Fa	90.16 41	eP	P	18 06 23.3 +0.1
C37A	Embarrass	90.			

21d 18h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like Guiyang, Lanzhou, Chengdu, etc.

2010 DEC

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like MNTX, MSTX, LPAZ, etc.

NEIC 21 18:07:51.0, 5.0, 26.70N, 143.69E, h10km, mb4.7/5, Error ellipse: s-maj=12.4km s-min=9.6km az=70.0

ISCJB 21 18:07:56.9, 0.6, 27.30N, 0.05: 143.62E, h38km, mb4.1/21, Error ellipse: s-maj=9.1km s-min=6.1km az=37.0

JMA 21 18:07:57.0, 3.0, 27.24N, 143.57E, h28km, M4.1

ISC 21 18:07:57.0, 8.0, 27.12N, 0.08: 143.65E, h38km, n41, s146/42, mb4.0/21, Bonin Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Lists seismic events from Chichi jima to Karatay Array.

ISCJB 21 18:10:28.0, 4.0, 26.92N, 143.80E, h10km, mb4.3/38, Error ellipse: s-maj=10.0km s-min=6.4km az=3.6

IDC 21 18:10:28.0, 6.0, 26.99N, 143.80E, h0km, mb4.1/26, mb1.4/329, mb1mx4.2/70, mbtmp4.1/29, ML3.5/3, Error ellipse: s-maj=16.9km s-min=15.0km az=16.0

NEIC 21 18:10:30.0, 2.0, 26.99N, 143.88E, h10km, mb4.5/13, Error ellipse: s-maj=10.1km s-min=8.6km az=212.0

ISC 21 18:10:30.0, 1.0, 26.99N, 0.09: 143.85E, h10km, n54, s121/57, mb4.3/38, Bonin Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Lists seismic events from Chichi jima to Karatay Array.

1.5nm, 0.4s

INIK Inuvik 62.51 25 P P 18 20 53.7 +0.1

INIK Inuvik 62.51 25 eP P 18 20 53.6 +0.1

ARU Arti 65.41 322 P P 18 21 12.9 0.0

GEYT 0.2nm, 0.3s, baz=107, slow=19, SNR=1.6

YKA Yellowknife Arr 71.53 29 P P 18 21 50.9 -0.1

ARCES ARCES Array B 74.12 341 P P 18 22 07.4 +1.1

YBH Freka Blue Hor 74.97 51 P P 18 22 14.2 +2.3

NEW Newport 75.98 43 P P 18 22 18.5 +1.0

FINES FINESS Array B 76.69 334 P P 18 22 33.0 +0.7

KBZ Khabaz 79.16 314 P P 18 22 35.8 +0.6

NVAR Milna Array Bea 79.41 52 P P 18 22 37.6 +0.5

ELK Elko 80.49 49 P P 18 22 43.1 +0.2

H17A Grant Village 81.78 44 eP P 18 22 52.7 +3.0

FCC Fort Churchill 82.05 26 P P 18 22 48.9 -1.5

MCQ Macquarie Isla 18.29 171 P P 18 22 48.5 -2.4

PDAR Pinedale Array 83.24 45 P P 18 22 57.2 0.0

AKASG Malin Array Be 83.57 324 P P 18 22 58.0 -0.5

NOA NORSTAR Array B 84.25 339 P P 18 23 01.9 +0.1

BRTR Keskin Array B 87.16 314 P P 18 23 16.5 -0.3

TXAR Lajitas Array 94.47 54 P P 18 23 52.5 +1.4

PTGA Pingtung 145.28 45 P P 18 30 08.2 -0.5

LPZA La Paz 148.51 77 PKPbc PKPbc 18 30 19.3 +0.6

LVC Limon Verde 149.99 69 PKPbc PKPbc 18 30 23.2 +1.4

IDC 21 18:13:35.1, 6.8, 26.99N, 144.20E, h0km, mb3.8/5, mb1.3/8, mb1mx3.5/66, mbtmp3.8/6, ML3.4/1, Error ellipse: s-maj=37.73km s-min=96.9km az=30.0

NEIC 21 18:13:39.6, 2.7, 27.14N, 143.54E, h10km, mb4.5/2, Error ellipse: s-maj=48.3km s-min=26.4km az=131.0

ISC 21 18:13:39.0, 3.2, 27.11N, 0.3: 143.7E, 0.3, h10km, n12, s135/12, mb4.0/7, Bonin Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Lists seismic events from Chichi jima to Karatay Array.

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comp=Z, 101nm, 0.7s

KLR Kul'dur 23.78 341 P P 18 19 19.0 +1.1

Wuhan 25.61 284 P P 18 19 34.9 +0.1

BHT Bajittauau 25.91 307 eP P 18 19 37.2 -0.3

BJT comp=Z, 16nm, 0.4s

BJT Bajittauau 25.91 307 eP P 18 19 37.2 -0.3

BEIJ Beijing 25.91 307 P PMZ 18 19 37.3 -0.2

PEAO Petropavlovsk-Hailar 28.01 19 eP P P 18 19 56.0 -0.2

HIA comp=Z, 9.0nm, 0.8s

HIA Hailar 28.61 327f eP P 18 20 02.0 +0.4

HHC comp=Z, 126nm, 2.4s

HHC Hu-ho-hao-te 29.50 306 eP P 18 20 01.0 -0.6

HHC comp=Z, 23nm, 0.9s

HHC Enshi 29.81 284 eP P 18 20 10.0 -2.6

SIJI comp=Z, 5.1nm, 1.0s

SIJI Sorong 30.23 205 P P 18 20 16.0 -0.3

GYA comp=Z, 6.8nm, 0.4s, baz=355, slow=16, SNR=9.0

GYA Guiyang 32.70 277 P P 18 20 38.3 +0.2

GYA comp=Z, 2.0nm, 0.8s

GYA comp=Z, 120nm, 5.4s

GYA comp=Z, 560nm, 18.4s

GYA comp=Z, 510nm, 17.9s

GYA comp=Z, 570nm, 17.8s

KKM Kota Kinabalu 33.30 236 eP P 18 20 43.8 +0.3

LZH Lanzhou 34.61 295 eP P 18 20 54.0 -0.8

LZH comp=Z, 5.1nm, 0.9s

LZH comp=Z, 2.7nm, 1.1s

LZH comp=Z, 100nm, 5.0s

CD2 Chengdu 34.71 286 eP P 18 20 54.8 -0.7

CD2 comp=Z, 0.9nm, 0.5s

CD2 comp=Z, 60nm, 1.1s

ULN Ulanbaatar 34.99 316f eP P 18 20 58.5 +0.6

ULN comp=Z, 4.0nm, 0.9s

ULN comp=Z, 2.0nm, 0.5s

SON1 comp=Z, 1.6nm, 0.4s, baz=197, slow=8.4, SNR=9.8

SONM comp=Z, 2.0nm, 0.4s

YAK Yakutsk 36.02 349 eP P 18 21 07.5 +1.2

YAK comp=Z, 2.0nm, 0.8s

YAK comp=Z, 4.7nm, 0.7s

SLVN Son La 36.34 270 eP P 18 21 09.4 -0.2

KMI Kunming 36.42 276 P PMZ 18 21 10.8 +0.3

SKNT Sakolnakh 37.75 263 P P 18 21 22.2 +0.6

GTA comp=Z, 428nm, 2.3s

GTA Gaotai 38.05 300 eP P 18 21 23.3 -0.8

GTA comp=Z, 62nm, 2.8s

NONG Nongkai 38.09 265 P P 18 21 24.9 +0.5

ZAK comp=Z, 170nm, 1.7s

ZAK comp=Z, 9.0nm, 1.3s

TLY Talaya 38.54 320 P P 18 21 29.8 +1.8

TLY comp=Z, 4.8nm, 0.6s, baz=197, slow=4.8, SNR=6.0

TLY comp=Z, 2.5nm, 1.4s

TLY Talaya 38.54 320 eP P 18 21 29.5 +1.3

PHAE comp=Z, 24nm, 1.4s

CHAI Chaiyaphum 39.93 262 P P 18 21 39.7 -0.2

LOEI comp=Z, 8.2nm, 0.9s

UTTA comp=Z, 711nm, 2.8s

PHRA comp=Z, 4.2nm, 0.9s

SRAK comp=Z, 1.0nm, 2.6s

CHBT comp=Z, 108nm, 0.7s, baz=2, 836nm

CMAI comp=Z, 2.4nm, 1.1s

SOEI comp=Z, 2.25nm, 0.9s

NAYO comp=Z, 1.69nm, 1.2s

SUKH comp=Z, 3.3nm, 0.6s

MTN comp=Z, 639nm, 1.5s

CMMT comp=Z, 572nm, 3.0s

CHTO comp=Z, 338nm, 2.6s

CHTO comp=Z, 30nm, 1.4s

CHTO comp=Z, 30nm, 1.4s

CM01 comp=Z, 30nm, 1.4s

CMAR comp=Z, 3.8nm, 0.5s, baz=74, slow=5.1, SNR=4.3

CMAR comp=Z, 0.8nm, 0.8s, baz=67, slow=1.5, SNR=5.1

CMAR comp=Z, 4.0nm, 0.5s

CMAR comp=Z, 1.0nm, 0.8s

UTHA comp=Z, 2.2nm, 0.8s

BILL comp=Z, 4.0nm, 0.9s

BILL comp=Z, 5.1nm, 0.8s

PHET comp=Z, 6.2nm, 1.0s

HVS comp=Z, 9.0nm, 0.9s

SKLT comp=Z, 506nm, 0.9s

LSA comp=Z, 15nm, 1.6s

LSA comp=Z, 15nm, 1.6s

KRAB comp=Z, 15nm, 1.6s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, SEY Seymchan, ILAR Gielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DENT Denizli, UZZP Denizli, GLHS Ghlisar (BURDU), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LTZ Canterbury Las, CRLZ Canterbury Las, OXF Oxford, etc.

CSEM 21 18:26:55.9,0.5,38.69N,24.71E, h16km,3km, MD2.9, Error ellipse: s-maj=8.0km s-min=6.6km az=151.0

ATH 21 18:26:55.6,38.73N,24.71E, h22km,1km, MD2.9/16, ML2.7, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREA Eretria, KARY Karystos, AOS Alonnissos, etc.

BUI 21 18:31:26.9,33.96S,178.84W, h11km, mb5.4/13, mB5.7/3, Ms5.3/2, Ms7.5/0/2

IDC 21 18:31:27.5,0.5,34.10S,179.61W, h0km, mb4.8/11, mb1.4/9.13, mb1mx4.6/41, mbmp4.8/13, MLS.1/2, M55.3/1, Ms1.5/3.1, ms1mx4.6/44, Error ellipse: s-maj=20.1km s-min=16.7km az=88.0

ISCJB 21 18:31:28.4,0.4,34.38S,179.77W,0.07, h10km, mb4.9/27, M55.1/1, Error ellipse: s-maj=8.9km s-min=3.5km az=11.1

NEIC 21 18:31:28.0,0.5,34.58S,179.54W, h10km, mb5.0/17, Error ellipse: s-maj=13.6km s-min=8.1km az=112.0

AUST 21 18:31:32.0,4.3,64.52S,179.69W, h25km, ISC 21 18:31:32.0,0.4,34.38S,0.05,179.57W,0.07, h10km, n170, e157/160, mb4.9/26, 1C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waioamatatini S, HAZ Te Kaha, etc.

ISCJB 21 18:27:13.5,0.8,26.9N,0.1,144.0E,0.1, h10km, mb3.8/13, Error ellipse: s-maj=18.2km s-min=14.8km az=13.5

IDC 21 18:27:14.9,1.6,27.13N,144.02E, h0km, mb3.8/12, mb1.4/0.14, mb1mx3.8/65, mbmp3.8/14, MLS.3/2, Error ellipse: s-maj=41.6km s-min=20.3km az=178.0

NEIC 21 18:27:15.6,0.8,27.02N,143.92E, h10km, mb4.5/1, Error ellipse: s-maj=15.9km s-min=14.9km az=211.0

ISC 21 18:27:15.6,0.9,27.02N,0.1,143.9E,0.1, h10km, n19, e119/139, mb3.9/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, etc.

URZ Urewera, 4.71 214 PN Pn 18 32 41.6 +1.4

URZ Urewera, 5.71 214 eN Sn 18 32 41.5 +1.4

URZ Urewera, 6.34 202 eS Sb 18 32 40.7 +0.4

URZ Urewera, 7.48 210 PN Pn 18 32 44.5 +3.4

URZ Urewera, 4.83 206 ePN Pn 18 32 42.7 +1.0

URZ Urewera, 4.97 222 PN Pn 18 32 47.0 +3.3

URZ Urewera, 4.96 204 PN Pn 18 32 44.8 +0.8

URZ Urewera, 4.99 219 PN Pn 18 32 47.6 +3.6

URZ Urewera, 5.05 209 PN Pn 18 32 46.1 +1.3

URZ Urewera, 5.06 218 PN Pn 18 32 48.0 +3.0

URZ Urewera, 5.08 236 PN Pn 18 32 49.5 +4.3

URZ Urewera, 5.14 205 PN Pn 18 32 46.1 +0.1

URZ Urewera, 5.18 202 PN Pn 18 32 47.1 +0.5

ISK 21 18:28:10.0,37.68N,29.30E, h5km, MD3.1 CSEM 18:28:11.6,0.2,37.70N,29.29E, h2km, MD3.1, Error ellipse: s-maj=4.1km s-min=4.9km az=75.0

DDA 21 18:28:12.0,1.1,37.71N,0.02,29.30E,0.02, h4km,10km, n47, e107/61, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DENT Denizli, KHZ Kahutara, KHZ Kahutara, etc.

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

WRA Warramunga Arr, 43.07 277 eP P 18 32 58.5 +0.5

1001

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, EKSZ, BKMS, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MSO, FINES, NCK, etc.

21d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like G27A, B30A, ULM, etc.

ISCJB 21 18:38:01.5:0.7, 26.98N:0.09:143.63E:0.09, h10km, mb3.7/10, Error ellipse: s-maj=14.0km s-min=11.2km az=25.8

IDC 21 18:38:02.0:0.8, 26.96N:143.65E, h0km, mb3.7/10, mb1.3/12, mb1mx4.7/54, mb1mx3.9/20, ML3.6/2, Error ellipse: s-maj=20.1km s-min=15.7km az=84.0

ISC 21 18:38:03.6:0.9, 27.00N:0.1:143.6E:0.1, h10km, n13, 0.075/13, mb3.5/10, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like JCJ, MJAR, KRSR, etc.

ISCJB 21 18:38:39.2:0.5, 26.96N:0.07:143.78E:0.06, h10km, mb4.1/23, Error ellipse: s-maj=9.7km s-min=7.2km az=177.2

IDC 21 18:38:39.4:0.6, 27.02N:143.95E, h0km, mb3.9/17, mb1.4/12, mb1mx4.0/55, mb1mx3.9/20, ML3.6/3, Error ellipse: s-maj=20.2km s-min=15.7km az=84.0

NEIC 21 18:38:40.8:0.5, 26.99N:143.86E, h10km, mb4.6/7, Error ellipse: s-maj=10.5km s-min=9.3km az=85.0

ISC 21 18:38:41.0:0.7, 27.00N:0.1:143.76E:0.08, h10km, n36, 0.120/36, mb4.1/23, 10, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CBU, JCJ, MJAR, etc.

21d 18h

Table with columns: STKA, Stephens Creek, 35.22 251 P, P, 18 51 35.5 -0.4, etc. Lists various stations and their coordinates.

IDC 21:18:48:36.6:2.8:27.12N:143.21E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/4.3, mbtmp3.7/6, ML4.0/1, Error ellipse: s-maj=113.5km s-min=25.9km az=76.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations in the Bonin Islands region.

IDC 21:18:49:24.8:2.7:27.02N:142.97E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/4.4, mbtmp3.6/6, ML4.1/1, Error ellipse: s-maj=114.1km s-min=21.8km az=77.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations in the Bonin Islands region.

BUI 21:18:52:27.0:51.81N:160.93E, h19km, mb4.7/27, mb5.0/2, Ms4.7/3, Ms7.4/5/3

KRSC 21:18:52:29.0:1.8, 51.65N:161.03E, h62km, mb3.1km, ML4.9

MOS 21:18:52:29.7:0.9, 51.57N:161.04E, h49km, mb4.3/21, Error ellipse: s-maj=9.4km s-min=4.5km az=102.2

NEIC 21:18:52:30.1:0.8, 51.46N:160.97E, h41km, mb4.6/21, Error ellipse: s-maj=13.1km s-min=6.1km az=164.0

ISCJB 21:18:52:30.2:0.6, 51.62N:160.03:161.05E:0.04, h50km, 5km, mb4.3/37, Error ellipse: s-maj=6.0km s-min=4.1km az=152.3

IDC 21:18:52:35.2:0.7, 51.80N:160.93E, h64km, mb3.6/16, mb1 3.8/17, mb1mx3.6/4.9, mbtmp3.9/17, Error ellipse: s-maj=16.2km s-min=8.0km az=11.0

ISC 21:18:52:34.2:0.6, 51.71N:160.05:160.93E:0.05, h63km, 4km, n173, 148/195, mb4.3/37, 1C-5D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations in the Kamchatka Peninsula region.

2010 DEC

Main table with columns: STKA, Stephens Creek, 35.22 251 P, P, 18 51 35.5 -0.4, etc. Lists various stations and their coordinates.

1004

Table with columns: INK, comp=Z, 69nm, 2.5s, pmax, pmax, 18 53 40.4 +0.5, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for NOA NORSAR Array B, GEYT Alibeck, AKASG Malin Array Be, etc.

ISC/JB 21 18:56:28.0, 6.27, 05N, 143.83E, h0km, mb3.9/12, Error ellipse: s-maj=11.0km s-min=8.0km az=176.6

IDC 21 18:56:28.6, 0.8, 26.98N, 143.90E, h0km, mb3.9/12, mb1.4/113, mb1mx3.9/42, mbtmp3.9/18, ML2.2/1, Error ellipse: s-maj=25.2km s-min=19.2km az=90.0

NEIC 21 18:56:30.1, 0.4, 26.99N, 143.78E, h10km, mb4.4/1, Error ellipse: s-maj=9.4km s-min=8.2km az=197.0

ISC 21 18:56:30.3, 0.8, 27.1N, 0.1, 143.77E, 0.09, h10km, n19, 0.059/20, mb3.9/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for JCJ Chichijima, CBJ Chichi jima, MJAR Matsushiro Arr, etc.

IDC 21 18:57:24.9, 1.1, 10.09N, 126.29E, h0km, mb3.9/7, s-maj=63.9km s-min=18.5km az=66.0

MAN 21 18:57:28.10, 10N, 126.50E, h13km, mb4.9, ML3.8, MS3.8, ISC 21 18:57:28.3, 1.3, 10.09N, 0.04, 126.38E, 0.05, h20km, 5km, n30, r133/34, mb3.8/7, 1C-D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for SCPH Surigao, SCPH BUTP, SCPH Maasin, etc.

ISC/JB 21 19:00:54.3, 0.5, 27.13N, 0.07, 143.72E, 0.09, h10km, mb4.0/23, Error ellipse: s-maj=11.8km s-min=10.6km az=15.5

IDC 21 19:00:54.9, 0.8, 27.18N, 143.81E, h0km, mb4.0/16, mb1.4/218, mb1mx4.1/41, mbtmp3.9/18, ML2.9/2, Error ellipse: s-maj=23.4km s-min=19.5km az=0.0

NEIC 21 19:00:56.1, 0.5, 27.10N, 143.74E, h10km, mb4.5/8, Error ellipse: s-maj=11.5km s-min=10.4km az=126.0

ISC 21 19:00:56.2, 0.7, 27.12N, 0.1, 143.7E, 0.1, h10km, n32, r1503/32, mb4.0/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for CBJ Chichi jima, CBJ Chichi jima, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for MAJO Matsushiro, KSRS Korea Array, KSAR Wonyu Array Be, etc.

IDC 21 19:07:54.0, 1.6, 27.01N, 143.75E, h0km, mb3.8/9, mb1.4/111, mb1mx3.9/41, mbtmp3.8/11, ML3.9/2, Error ellipse: s-maj=41.2km s-min=19.9km az=174.0

ISC 21 19:07:55.8, 1.2, 27.1N, 0.2, 143.61E, 0.09, h10km, n25, r136/23, mb4.0/14, 1C-D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

BUI 21 19:07:55.8, 26.70N, 143.80E, h10km, mb4.5/18, Ms5.1/1, Ms7.4/8.1

IDC 21 19:07:60.0, 0.5, 26.78N, 144.00E, h0km, mb4.5/25, mb1.4/629, mb1mx4.5/43, mbtmp4.4/29, ML3.9/4, MS5.2/2, Ms1.5/22, ms1mx4.0/44, Error ellipse: s-maj=15.8km s-min=11.6km az=109.2

MOS 21 19:07:59.5, 1.5, 26.84N, 143.96E, h10km, mb4.8/42, Error ellipse: s-maj=6.5km s-min=6.4km az=109.2

NEIC 21 19:08:01.5, 0.2, 26.75N, 143.92E, h10km, mb4.8/50, Error ellipse: s-maj=6.5km s-min=5.9km az=96.0

JMA 21 19:08:02.9, 0.4, 27.08N, 144.00E, h39km, M4.8, ISC/JB 21 19:08:03.3, 0.2, 26.75N, 0.04, 143.93E, 0.04, h33km, mb4.7/78, MS5.1/1, Error ellipse: s-maj=6.1km s-min=4.5km az=179.6

ISC 21 19:08:05.1, 0.4, 26.38N, 0.05, 143.93E, 0.06, h35km, n179, r150/170, mb4.7/78, 1C-D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for CBJ Chichi jima, CBJ Chichi jima, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, Op, Pn, Sn. Includes entries for JRY Ashikaga, JAG Ashikaga, JAG Inuyama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUN Gumbab, ASAR Alice Springs, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EFI East Falkland, QSPA South Pole Qui, CPUP Villa Florida, etc.

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

ISC 21 19:15:08.5:0.7, 56:37S:25:39W, h0km, mb4.3/7, mb1.4/7, mb1mx4.1/18, mbtmp4.3/7, Error ellipse: s-maj=31.4km s-min=19.5km az=82.0

ISC 21 19:24:12.0:0.7, 26:39N:0:143:39E:0:08, h10km, mb3.7/1, Error ellipse: s-maj=15.7km s-min=10.7km az=3.2

ISC 21 19:29:23.6:0.6, 27:20N:0:08:143:58E:0:10, h10km, mb3.9/17, Error ellipse: s-maj=12.6km s-min=11.2km az=31.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.

MEX 21 19:38.19.2.0.7, 15.60N-92.22W, h195km, 6km, MD3.7, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Comitan, CGIC, PCIG.

MOS 21 19:40.23.2.1.1, 27.21N-143.54E, h10km, mb4.6/24, Error ellipse: s-maj=13.8km s-min=6.6km az=112.8

NEIC 21 19:40.25.0.2.2, 27.19N-143.49E, h10km, mb5.0/28, Error ellipse: s-maj=5.6km s-min=5.2km az=154.0

ISC 21 19:40.29.1.0.4, 27.26N-143.43E, h33km, mb4.6/53, Error ellipse: s-maj=5.4km s-min=4.1km az=153.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, CJBJ, CJCI, CJCU.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Haha-jima-NKT, JODJ, JODJ, JODJ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ashikaga, Matsushiro Arr, Matsushiro Arr.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Korea Array, Wonju Array Be, Wonju Array Be.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santa, Kul'dur, Kul'dur.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Petropavlovsk-Hailar, Hailar, Hailar.

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

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Urumqi, Tennant Creek, Tennant Creek.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Zalesovo Beam, Zalesovo Beam, Zalesovo Beam.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: WMO, WMO, WMO, Time, Res. Includes stations like Kurchatov, Kurchatov, Kurchatov.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mina Array Sit, Mina Array Be.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Limekiln Ridge, Summit, Summit.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bozeman (W), Flin Flon, Flin Flon.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Flin Flon, Manual Prospec, Edwards Air Fo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canyon, Topogh Spring, Grant Village.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Red Lodge, Dugway, Dugway.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hecator, Ludlow, Dos Picos City.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, Malin Array Be, Malin Array Be.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, Malin Array Be, Malin Array Be.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, Malin Array Be, Malin Array Be.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, Malin Array Be, Malin Array Be.

KRSC 21 19:45:42.6:1.0, 54.16N-160.55E, h12km, 13km, ML4.1, FELT (III) at GMS Kronaki.

ISCJB 21 19:45:44.3:0.4, 54.18N-160.03:1.60E:0.1, h109km, 4km, mb3.8/8, Error ellipse: s-maj=10.8km s-min=3.4km az=25.7.

MOS 21 19:45:44.1:0.6, 54.17N-160.46E, h107km, mb4.0/1, Error ellipse: s-maj=15.2km s-min=5.8km az=76.2.

IDC 21 19:45:47.5:1.2, 54.27N-159.94E, h127km, 13km, mb3.4/7, mb1.3/8/10, mb1mx3.4/5, mbtmp4-0/10, Error ellipse: s-maj=23.4km s-min=14.6km az=154.0.

ISC 21 19:45:44.9:0.8, 54.16N-160.04:1.60E:0.06, h99km, 7km, n74, 0.919/85, mb3.7/8, 1D, Near east coast of Kamchatka Peninsula

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

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

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

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

1011

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like NACB Ninganchiao, YHNB Yeheng, MDJ Mudanjiang, etc.

2010 DEC

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like ASAR Alice Springs, NVS1 Niviosk, MKAR Makanchi Array, etc.

21d 19h

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like OBN Obninsk, WALA Waterton Lakes, JMTT Jette, etc.

IDC 21 19:56:12.3z:1.0,27:15N:143:31E, h0km, mb4.3/14, mb1.4/17, mb1mx4.2/42, mbtmp4.3/17, ML3.9/3, Error ellipse: s-maj=32.2km s-min=17.9km az=81.0 NEIC 21 19:56:13.3z:0.5,27:17N:143:38E, h10km, mb4.6/7, Error ellipse: s-maj=9.6km s-min=8.3km az=84.0

21d 20h

ISCJB 21 19:56:14.0.0.5, 27.21N, 0.06:143.48E, 0.05, h33km, mb4.3/20, Error ellipse: s-maj=9.3km s-min=6.3km az=154.8

JMA 21 19:56:17.4.0.3, 27.51N, 143.24E, h46km, M4.3

ISC 21 19:56:16.9.0.7, 27.24N, 0.08:143.41E, 0.09, h35km, n46, 1528/44, mb4.0/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chichi jima, Haha-jima, etc.

ISCJB 21 20:00:29.6.0.4, 27.13N, 0.05:143.51E, 0.04, h10km, mb4.1/28, Error ellipse: s-maj=7.1km s-min=5.1km az=159.5

IDC 21 20:00:30.1.0.6, 27.05N, 143.46E, h0km, mb3.9/19, mb1.4/12, mb1mx4.1/41, mbmp3.9/22, ML3.4/3, Error ellipse: s-maj=17.8km s-min=14.9km az=84.0

BUI 21 20:00:30.1, 26.93N, 143.31E, h12km, mb4.6/17, mb5.5/6, Ms5.4/9, Ms7.5/10

JMA 21 20:00:31.2.0.7, 27.25N, 143.48E, h12km, M3.8

NEIC 21 20:00:31.6.0.3, 27.07N, 143.41E, h10km, mb4.6/10, Error ellipse: s-maj=6.8km s-min=5.7km az=74.0

ISC 21 20:00:31.6.0.6, 27.10N, 0.08:143.42E, 0.06, h10km, n67, 1056/72, mb4.1/28, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chichi jima, Haha-jima, etc.

2010 DEC

Table with columns: WRA, Warramunga Arr, 47.59 192 P, 20 09 07.8 +0.1, etc. Lists various stations and their coordinates.

ISCJB 21 20:02:31.9.0.8, 26.9N, 0.1:143.7E, 0.1, h10km, mb3.7/8, Error ellipse: s-maj=15.4km s-min=12.6km az=20.2

IDC 21 20:02:31.4.1.1, 26.93N, 144.03E, h0km, mb3.7/8, mb1.3/8/10, mb1mx3.6/9, mbmp3.7/10, ML1.8/1, Error ellipse: s-maj=30.9km s-min=20.9km az=70.0

ISC 21 20:02:33.0.1.0, 27.00N, 0.1:143.9E, 0.1, h10km, n12, 1150/12, mb3.7/8, mb3.7/8, mb3.7/8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chichijima, Matushiro Arr, etc.

ISCJB 21 20:03:02.5.1.0, 27.1N, 0.1:143.75E, 0.09, h10km, mb3.8/8, Error ellipse: s-maj=20.0km s-min=11.7km az=173.9

IDC 21 20:03:02.9.1.0, 27.00N, 143.92E, h0km, mb3.8/6, mb1.4/17, mb1mx3.7/39, mbmp3.8/7, ML3.7/1, Error ellipse: s-maj=32.3km s-min=26.1km az=88.0

ISC 21 20:03:03.9.1.0, 27.00N, 0.1:143.8E, 0.1, h10km, n9, 1191/9, mb3.7/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chichijima, Matushiro Arr, etc.

ISCJB 21 20:04:30.7.0.6, 26.92N, 0.09:143.59E, 0.06, h10km, mb3.9/18, Error ellipse: s-maj=12.8km s-min=7.9km az=178.3

IDC 21 20:04:31.2.0.9, 26.97N, 143.55E, h0km, mb3.9/15, mb1.4/18, mb1mx4.0/39, mbmp3.9/18, ML3.6/3, Error ellipse: s-maj=24.4km s-min=18.5km az=87.0

NEIC 21 20:04:32.7.0.8, 27.02N, 143.41E, h10km, mb4.4/3, Error ellipse: s-maj=16.7km s-min=14.9km az=109.0

ISC 21 20:04:32.8.0.8, 27.00N, 0.1:143.51E, 0.07, h10km, n27, 1151/7, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Chichi jima, Chichijima, etc.

1012

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Warramunga Arr, Warramunga Arr, etc.

ISCJB 21 20:04:46.5.0.2, 15.34S, 0.04:70.53W, 0.05, h193km, mb4.5/62, Error ellipse: s-maj=7.8km s-min=3.8km az=146.6

NEIC 21 20:04:47.6.0.6, 15.31S, 0.07:59W, h187km, 6km, mb4.7/51, Error ellipse: s-maj=9.2km s-min=5.6km az=52.0

IDC 21 20:04:48.7.1.3, 15.35S, 0.07:53W, h198km, 12km, mb4.1/14, mb1.4/2/20, mb1mx4.1/29, mbmp4.6/20, Error ellipse: s-maj=13.3km s-min=11.5km az=45.0

ISC 21 20:04:47.5.0.4, 15.49S, 0.05:70.69W, 0.06, h193km, n378, 1170/388, mb4.7/65, 1.0, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Arequipa, La Paz, Lima Verde, etc.

432A	Menard	53.93	329	P	P	20 13 52.3	+0.9
UALR	University of	54.06	338	eP	P	20 13 51.8	-0.4
234A	Clairette	54.06	331	P	P	20 13 53.1	+0.9
530A	J-C Ranch, Com	54.14	327	P	P	20 13 53.7	+0.8
HBAR	Harrisburg	54.18	340	eP	P	20 13 51.1	-1.9
431A	Sonot	54.19	328	P	P	20 13 53.8	+0.5
MIAR	Mount Ida	54.31	337	P	P	20 13 54.5	+0.5
MIAR	Mount Ida	54.32	337	eP	P	20 13 53.9	-0.1
332A	Millersview	54.32	329	P	P	20 13 54.7	+0.6
233A	Rising Star	54.43	330	P	P	20 13 55.4	+0.4
134A	White-Moore Ra	54.51	332	P	P	20 13 56.6	+1.1
331A	San Angelo	54.60	329	P	P	20 13 57.0	+0.8
Y37A	Hugo	54.63	335	P	P	20 13 57.6	+1.3
232A	Coleman	54.68	330	P	P	20 13 57.5	+0.7
TX31	Lajitas Ar. Si	54.77	324	eP	P	20 13 57.9	+0.3
TXAR	Lajitas Aray	54.77	324	P	P	20 13 57.6	0.0
Z35A	Perchaven, San	54.77	333	P	P	20 13 58.8	+1.4
Y36A	Durant	54.84	334	P	P	20 13 59.4	+1.5
PARMO	Parma	54.91	341	eP	P	20 13 57.0	-1.3
X38A	Whitesboro	54.91	336	P	P	20 13 59.2	+0.9
133A	Hamilton Ranch	54.93	331	P	P	20 13 59.1	+0.6
X37A	Clayton	55.06	335	P	P	20 14 00.8	+1.4
W38A	Poteau	55.14	336	P	P	20 14 00.6	+0.7
Y35A	Marietta	55.17	333	P	P	20 14 01.7	+1.5
PBMO	Poplar Bluff	55.22	341	eP	P	20 13 59.2	-1.3
ABTX	Abilene, Hawle	55.28	330	P	P	20 14 01.9	+0.8
ABTX	Abilene, Hawle	55.28	330	eP	P	20 14 00.3	-0.8
Z33A	Whitaker Ranch	55.42	331	P	P	20 14 02.9	+0.9
X36A	Centrahoma	55.44	334	P	P	20 14 02.8	+0.7
Y34A	Reagan Ranch,	55.53	333	P	P	20 14 03.2	+0.4
X35A	Drake	55.56	334	P	P	20 14 04.1	+1.2
131A	Roby	55.69	330	P	P	20 14 05.3	+1.3
SIUC	Southern Illin	55.72	342	eP	P	20 14 02.7	-1.3
Z32A	Haskell	55.77	331	P	P	20 14 06.2	+1.7
V38A	Canehill	55.79	337	P	P	20 14 04.3	-0.3
W36A	Wetumka	55.88	335	P	P	20 14 05.3	+0.1
130A	Snyder	55.91	329	P	P	20 14 06.5	+0.9
Y33A	Hilltop Ranch,	55.96	332	P	P	20 14 06.6	+0.8
V37A	Hulbert	56.09	336	P	P	20 14 07.3	+0.6
Z31A	Sharp Cattle R	56.09	330	P	P	20 14 07.3	+0.5
X34A	Smith Ranch, M	56.10	333	P	P	20 14 07.5	+0.6
T40A	Mansfield	56.25	339	P	P	20 14 07.3	-0.6
U38A	Gravette	56.29	337	P	P	20 14 08.0	-0.2
V36A	Jenks	56.33	335	P	P	20 14 08.8	+0.4
Y32A	R-V Farms, Ver	56.33	331	P	P	20 14 09.3	+0.9
TUL1	Tulsa	56.37	336	P	P	20 14 09.3	+0.6
TUL1	Tulsa	56.37	336	eP	P	20 14 08.1	-0.7
U37A	Salina	56.54	336	P	P	20 14 10.3	+0.5
Z30A	Sanderson Ranc	56.54	329	P	P	20 14 10.7	+0.7
WMOK	Wichita Mounta	56.64	332	eP	P	20 14 09.5	-1.2
S40A	Lebanon	56.65	339	P	P	20 14 10.1	-0.5
Y31A	Rekieta Farm,	56.68	331	P	P	20 14 12.3	+1.3
U36A	Oologah	56.77	336	P	P	20 14 12.2	+0.7
W33A	Caddo, Fort Co	56.85	333	P	P	20 14 13.0	+0.9
V34A	Guthrie	57.02	334	P	P	20 14 13.4	+0.2
V34A	Guthrie	57.02	334	eP	P	20 14 13.0	-0.3
S39A	Bolivar	57.02	339	P	P	20 14 12.7	-0.5
X31A	McDonald Ranch	57.09	331	P	P	20 14 14.1	+0.2
Z37A	Cheneyville 18	57.09	337	P	P	20 14 13.9	+0.1
U35A	Pawnee	57.15	335	P	P	20 14 15.1	+0.9
W32A	Sentinel	57.17	332	P	P	20 14 14.8	+0.4
S38A	Stockton	57.17	338	P	P	20 14 14.0	-0.3
R40A	Maddies Statio	57.20	340	P	P	20 14 13.9	-0.6
X30A	Coker Ranch, T	57.36	330	P	P	20 14 16.1	+0.3
T36A	Boggs Farm, Ca	57.41	336	P	P	20 14 16.1	+0.1
R39A	Chumby, Stover	57.48	339	P	P	20 14 16.6	+0.1
MNTX	Cornudas Mount	57.52	325	P	P	20 14 16.8	-0.1
MNTX	Cornudas Mount	57.52	325	eP	P	20 14 16.7	-0.2
T35A	Sooner Cattle	57.53	336	P	P	20 14 17.1	+0.2
U34A	Anderson Ranch	57.54	334	P	P	20 14 18.0	+1.1
U34A	Anderson Ranch	57.54	334	eP	P	20 14 15.2	-1.7
W31A	Holland Ranch,	57.54	333	P	P	20 14 17.1	+0.1
V32A	Arapaho	57.58	332	P	P	20 14 18.2	+1.0
S37A	Fort Scott	57.62	337	P	P	20 14 17.3	-0.1
R38A	Fenwick Farm,	57.67	338	P	P	20 14 17.4	-0.4
Q40A	Laux Farm, Aux	57.77	340	P	P	20 14 17.9	-0.6
U33A	Lingo Farm, Me	57.78	334	P	P	20 14 19.6	+1.0
S36A	Lake Cedric, C	57.88	337	P	P	20 14 19.2	0.0
T34A	McClaskey Farm	57.90	335	P	P	20 14 20.3	+0.9
MSTX	Muleshoe	57.91	329	P	P	20 14 20.9	+1.2
V31A	Spring Creek L	57.98	332	P	P	20 14 21.1	+1.1
R37A	Teagarden Farm	58.19	338	P	P	20 14 20.5	-0.4
Q39A	Willow Grove F	58.12	340	P	P	20 14 20.5	-0.4
S35A	Otter Creek Ra	58.12	336	P	P	20 14 20.9	0.0
P40A	Paris	58.25	341	P	P	20 14 21.0	-0.8
Q38A	Cooks Store, C	58.26	339	P	P	20 14 21.1	-0.7

R36A	Gordon, Harris	58.37	337	P	P	20 14 22.5	-0.2
P39A	Salisbury	58.44	340	P	P	20 14 22.4	-0.7
S33A	Kaszaul Farm,	58.72	335	P	P	20 14 25.0	-0.1
T32A	Huddell Ranch,	58.75	334	P	P	20 14 26.5	+1.1
Q36A	Arnold C. Orve	58.91	338	P	P	20 14 26.4	0.0
U30A	WK&E Inc. Balk	58.97	332	P	P	20 14 28.4	+1.4
T31A	Ranall Ranch,	59.01	333	P	P	20 14 28.0	+0.9
R34A	Isabella, Hill	59.02	336	P	P	20 14 27.5	+0.3
Q35A	Mercer Eighty,	59.04	337	P	P	20 14 27.2	0.0
P37A	Lathrop	59.07	339	P	P	20 14 27.0	-0.5
S32A	Newby Ranch, P	59.20	334	P	P	20 14 29.2	+0.8
O38A	Galt	59.25	340	P	P	20 14 28.3	-0.4
P36A	Good Intent, A	59.40	338	P	P	20 14 29.1	-0.7
Q34A	Chapman	59.44	336	P	P	20 14 30.7	+0.7
KSU1	Kansas State U	59.47	337	P	P	20 14 30.1	-0.1
KSU1	Kansas State U	59.47	337	eP	P	20 14 29.6	-0.6
121A	Cookes Peak, D	59.50	324	P	P	20 14 32.3	+1.6
P35A	Duane Minner,	59.62	337	P	P	20 14 31.3	+0.1
N39A	Derby Farms, D	59.62	341	P	P	20 14 30.5	-0.7
O36A	Bolkow	59.77	339	P	P	20 14 31.6	-0.6
Q33A	Connelly Farm,	59.85	336	P	P	20 14 33.2	+0.3
P34A	Walnut Farm, R	59.94	337	P	P	20 14 34.0	+0.6
S29A	Ulysses	60.08	332	P	P	20 14 35.9	+1.4
Q32A	Meitler Ranch,	60.14	335	P	P	20 14 35.3	+0.6
R30A	Dighton	60.26	333	P	P	20 14 37.2	+1.5
N36A	Muff Farm, Cla	60.38	339	P	P	20 14 36.3	0.0
S28A	Mante	60.41	332	P	P	20 14 37.3	+0.6
O34A	Beatrice	60.44	337	P	P	20 14 36.8	0.0
CBKS	Cedar Bluff	60.48	334	P	P	20 14 38.1	+1.0
CBKS	Cedar Bluff	60.48	334	eP	P	20 14 37.2	+0.1
M37A	Trindie Farm,	60.60	340	P	P	20 14 38.1	+0.3
N35A	Tabor	60.66	338	P	P	20 14 38.2	0.0
O33A	Hebron	60.69	337	P	P	20 14 39.0	+0.6
R29A	Marienthal	60.75	333	P	P	20 14 39.9	+0.8
Q30A	Quinter	60.82	334	P	P	20 14 40.2	+0.7
M36A	Felix, Anita	60.89	339	P	P	20 14 39.9	+0.1
P31A	Stockton	60.92	335	P	P	20 14 40.8	+0.7
N34A	Lincoln	60.94	338	P	P	20 14 40.3	+0.1
R28A	Tribune	60.98	332	P	P	20 14 41.7	+1.1
Q29A	Oakley	61.07	333	P	P	20 14 42.4	+1.2
O32A	Brockman Farm,	61.11	336	P	P	20 14 42.0	+0.7
M35A	Neola	61.21	339	P	P	20 14 42.2	+0.3
N33A	J B S K, Exete	61.21	337	P	P	20 14 42.4	+0.5
T25A	Trinidad	61.23	330	P	P	20 14 43.8	+1.4
P30A	Selden	61.30	334	P	P	20 14 43.6	+0.9
L36A	Harm Buss Farm	61.42	340	P	P	20 14 43.5	+0.1
N32A	Stulken Farm,	61.55	336	P	P	20 14 44.0	-0.3
M34A	Aspy Farms, Fr	61.56	338	P	P	20 14 44.8	+0.5
Q28A	Sharon Springs	61.58	333	P	P	20 14 45.3	+0.7
P29A	Atwood	61.64	334	P	P	20 14 46.3	+1.4
L35A	Bielow Farm, R	61.73	339	P	P	20 14 45.4	0.0
M33A	Taylor Creek F	61.84	338	P	P	20 14 46.3	+0.1
N31A	Bailey Ranch,	61.86	336	P	P	20 14 47.0	+0.7
L34A	Svensden Farm,	61.89	338	P	P	20 14 46.4	-0.1
K30A	Kaye Shedlock	61.90	332	P	P	20 14 47.9	+1.1
O29A	4D Ranch, Culb	62.02	334	P	P	20 14 48.7	+1.3
BGNE	Belgrade	62.05	337	eP	P	20 14 48.2	+0.6
SDCO	Great Sand Dun	62.24	329	P	P	20 14 47.7	+0.1
SDCO	Great Sand Dun	62.24	329	eP	P	20 14 50.6	+1.3
N30A	Great Sand Dun	62.24	335	P	P	20 14 50.1	+0.8
M31A	Lambrecht Ranc	62.31	336	P	P	20 14 50.8	+1.5
L33A	Hoskins	62.39	338	P	P	20 14 50.9	+1.1
J36A	Seneca 1, Swea	62.42	341	P	P	20 14 50.6	+0.6
O28A	Krutsinger Ran	62.44	333	P	P	20 14 51.7	+1.5
I38A	Scanlan Farm,	62.45	343	P	P	20 14 50.3	+0.2
K33A	Hardington	62.67	338	P	P	20 14 52.1	+0.4
I37A	Lemond, Waseca	62.75	342	P	P	20 14 51.7	-0.5
J34A	George	62.91	340	P	P	20 14 53.0	+1.1
L31A	Butterfield Fa	62.98	337	P	P	20 14 55.2	+1.4
H37A	Dierke Farm, C	63.12	342	P	P	20 14 55.0	+0.4
L30A	Spencer Herefo	63.12	336	P	P	20 14 56.1	+1.4
J33A	Davis	63.29	339	P	P	20 14 56.0	+0.3
M28A	Bar X Bar Ranch	63.32	335	P	P	20 14 57.2	+1.1
K31A	O'Neill	63.33	337	P	P	20 14 57.1	+1.1
H36A	Jessenland, He	63.42	342	P	P	20 14 57.3	+0.8
ECSD	EROS Data Cent	63.53	339	P	P	20 14 57.4	+0.1
ECSD	EROS Data Cent	63.53	339	eP	P	20 14 57.0	-0.3
J32A	Parkton	63.65	338	P	P	20 14 58.3	+0.3
K30A	Basset	63.70	337	P	P	20 14 59.1	+0.7
H35A	Sunrise Ranc	63.80	341	P	P	20 14 59.5	+0.4
I33A	Coleman	63.87	339	P	P	20 15 00.0	+0.5
L28A	Connealy Angus	63.89	335	P	P	20 15 01.0	+1.2
ISCO	Idaho Springs	63.91	331	P	P	20 15 00.9	+0.6

21d 20h

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

2010 DEC

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

1016

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, KIEV Kiev, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K37A Belmont, AMTX Amarillo, P34A Walnut Farm, R, etc.

CSEM 21 20:17:15.0, 43:16N, 122:69E, h10km, MD1.8/5, After ROM ROM 21 20:17:15.0, 0.1, 43:16N, 122:69E, h10km, Md1.8/5, MI1.4/4, Error ellipse: s-maj=1.1km s-min=0.7km az=51.0,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MURB Monte Urbino, MURB Monte Urbino, MURB Monte Urbino, etc.

1021

Table with columns: DUG, MLR, MLR, comp=, 82.63 49 P, P, 20 31 07.8 +0.4, etc.

2010 DEC

Table with columns: TESR, SMCO, MVCO, BURAR, etc., 86.95 322, 87.01 47 eP, 87.05 49 PFAKE, etc.

21d 20h

Table with columns: VRAC, VRAC, PVCC, PVCC, BRG, BRG, BRG, BRG, etc., 90.26 328, 90.26 328, 90.31 330 eP, etc.

21d 20h

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like V32A Arapaho, X31A McDonald Ranch, Z30A Sanderson Ranch, etc.

2010 DEC

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like MTE MTE, MBAR Mbarara, TEIG Tepich, etc.

1022

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like ARCO CERRO ARCO, AAGR Agrelo, AVFE Valle Fertill, etc.

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

MOS 21 20:35:23.8-1.1, 27.11N:143.44E, h10km, mb4.8/35, Error ellipse: s-maj=12.2km s-min=5.7km az=119.5
BUJ 21 20:35:23.6-0.2, 27.01N:143.38E, h13km, mb4.7/30, mB5.5/9, Ms5.2/12, Ms7.0/12
JMA 21 20:35:24.3-0.2, 27.24N:143.66E, h27km, M4.3, IDC 21 20:35:24.5-0.5, 27.10N:143.40E, h0km, mb4.3/29, mb1.4/32, mb1mx4.4/48, mbtmp4.3/32, ML3.7/3, Error ellipse: s-maj=13.0km s-min=12.3km az=119.0
NEIC 21 20:35:25.7-0.2, 27.11N:143.39E, h10km, mb5.0/40, Error ellipse: s-maj=5.4km s-min=4.8km az=106.0
ISCJB 21 20:35:27.3-0.3, 27.22N:143.43E, 0.0, 43h33km, mb4.7/70, Error ellipse: s-maj=5.5km s-min=4.6km az=38.7

Main table for Bonin Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Matsuhiro, Erimo, etc.

Main table for 2010 DEC with columns: ULN, Station Name, Time, Res, ISC. Includes stations like Ulaanbaatar, SONGIO Array, YAKUTSK, etc.

Main table for 21d 20h with columns: ILI, Station Name, Time, Res, ISC. Includes stations like Eielson Array, Borovoye, etc.

21d 20h

Table with columns for station code, name, frequency, and other technical details. Includes stations like AKASG, KIEV, PDAR, NB2, NOA, RAYN, etc.

MOS 21 20:36:01.7-0.9, 26.96N, 143.68E, h10km, mb5.3/91, Error ellipse: s-maj=7.6km s-min=4.5km az=107.9

JMA 21 20:36:01.4-0.1, 27.32N, 143.68E, h0km, M5.3, IDC 21 20:36:01.9-0.4, 26.98N, 143.77E, h0km, mb4.8/33, ML 4.9/39, mb19x4.8/51, mbtmp4.8/39, ML 4.1/6, Error ellipse: s-maj=13.0km s-min=10.4km az=81.0

ISCJB 21 20:36:02.6-0.1, 27.11N, 0.03, 143.64E, 0.02, h10km, mb5.1/215, MS5.5/1, Error ellipse: s-maj=3.8km s-min=2.4km az=176.8

BUI 21 20:36:03.9, 27.06N, 143.30E, h10km, mb4.8/49, MB5.4/11, MS5.1/21, Ms7.5/0/21

NEIC 21 20:36:03.4-0.1, 26.98N, 143.65E, h10km, mb5.2/155, Error ellipse: s-maj=3.8km s-min=3.0km az=152.0

ISC 21 20:36:03.4-0.3, 27.01N, 143.66E, 0.04, h10km, n738, c0594/744, mb5.2/217, 35C-10D, BONIN ISLANDS region

Main station list table with columns: Code, Station Name, Frequency, Phase ID, ISC, Time, Res, and other technical parameters. Includes stations like CBJJ, JHHJ, JHUJ, etc.

2010 DEC

Main station list table for 2010 DEC with columns: YULB, Station Name, Frequency, and other technical parameters. Includes stations like YULB, SSSLB, MDJ, etc.

1024

Main station list table for 1024 with columns: Station Name, Frequency, and other technical parameters. Includes stations like GTA, ZAK, SBUM, etc.

TTA	Tatalina	52.87	30	eP	P	20 45 19.4 +0.3
TTA	comp=Z,18nm,1.2s				pmax	
TTA	Tatalina	52.87	30	eP	P	20 45 19.4 +0.3
TTA	comp=Z,18nm,1.2s				pmax	
MBWA	Marble Bar	53.20	208	eP	P	20 45 20.5 -1.4
OHAK	Old Harbor	53.21	37	eP	P	20 45 21.4 -0.2
OHAK	comp=Z,311nm,1.9s				pmax	
DZM	Mont Dzumac	53.54	153	P	P	20 45 24.8 +0.3
DZM	comp=Z,17nm,0.9s,baz=389,slow=9.5,SNR=5.2				pmax	
KDKM	Kodiak Island	53.65	37	eP	P	20 45 24.0 -0.8
KDKM	comp=Z,2.7nm,0.7s,baz=284,slow=5.1,SNR=14				pmax	
KDKM	Kodiak Island	53.65	37	eP	P	20 45 24.5 -0.3
KDKM	comp=Z,469nm,2.1s				pmax	
KDKM	Kodiak Island	53.65	37	eP	P	20 45 24.0 -0.8
KDKM	comp=Z,286nm,0.7s,SNR=5.6				pmax	
KDKM	Kodiak Island	53.65	37	eP	P	20 45 24.5 -0.3
KDKM	comp=Z,469nm,2.1s				pmax	
PDGK	Podgomoye	53.67	305	iP	P	20 45 24.3 -0.9
PDGK	comp=Z,25nm,0.8s				pmax	
KURK	Kurchatov	53.99	315	eP	P	20 45 28.5 +1.0
KURK	comp=Z,48nm,1.1s				pmax	
KURK	Kurchatov	53.99	315	eP	P	20 45 28.4 +1.0
KURK	comp=Z,48nm,1.1s				pmax	
KURKB	Kurchatov Arra	54.05	314	eP	P	20 45 28.4 +0.6
KURKB	comp=Z,48nm,1.1s,baz=391,slow=7.4,SNR=28				pmax	
SPU	Mount Spurr	54.36	32	eP	P	20 45 30.1 0.0
BPWW	Bear Paw Mtn.	55.31	29	eP	P	20 45 35.7 -1.1
BPWW	comp=Z,22nm,1.0s				pmax	
RC01	Rabbit Creek A	55.46	33	eP	P	20 45 37.2 -0.8
RC01	comp=Z,36nm,1.2s				pmax	
SEW	Seward	55.51	34	eP	P	20 45 37.5 -0.7
SEW	comp=Z,48nm,1.0s				pmax	
TRF	Thorofare Moun	55.51	30	eP	P	20 45 38.3 -0.3
TRF	comp=Z,28nm,0.9s				pmax	
MLY	Manley	55.57	28	eP	P	20 45 39.5 +0.7
MLY	comp=Z,19nm,0.9s				pmax	
PMR	Palmer	55.81	32	eP	P	20 45 40.0 -0.4
PMR	comp=Z,30nm,0.8s				pmax	
PMR	Palmer	55.81	32	eP	P	20 45 40.0 -0.4
PMR	comp=Z,30nm,0.8s				pmax	
POHA	Pohakuloa	55.83	84	eP	P	20 45 41.6 +0.1
POHA	comp=Z,1.1um,2.5s				pmax	
KHU	Kahuku	55.93	84	eP	P	20 45 40.5 -1.7
KHU	comp=Z,2.2um,2.5s				pmax	
KHU	Kahuku	55.93	84	eP	P	20 45 40.5 -1.7
KHU	comp=Z,2.2um,2.5s				pmax	
RND	Reindeer	56.15	30	eP	P	20 45 42.4 -0.5
RND	comp=Z,25nm,0.8s				pmax	
RND	Reindeer	56.15	30	eP	P	20 45 42.4 -0.5
RND	comp=Z,25nm,0.8s				pmax	
MCK	McKinley	56.15	30	eP	P	20 45 43.0 +0.1
MCK	comp=Z,41nm,1.1s				pmax	
MCK	McKinley	56.15	30	eP	P	20 45 43.0 +0.1
MCK	comp=Z,41nm,1.1s				pmax	
COLD	Coldfoot	56.18	25	eP	P	20 45 44.0 +1.0
COLD	comp=Z,30nm,0.9s				pmax	
SML	Sawmill	56.21	32	eP	P	20 45 42.9 -0.5
SML	comp=Z,32nm,0.8s				pmax	
SML	Sawmill	56.21	32	eP	P	20 45 42.9 -0.5
SML	comp=Z,32nm,0.8s				pmax	
TKM2	Tokmak 2	56.55	305	eP	P	20 45 46.7 +0.4
TKM2	comp=Z,14nm,1.2s				pmax	
TKM2	Tokmak 2	56.55	305	eP	P	20 45 46.7 +0.4
TKM2	comp=Z,14nm,1.2s				pmax	
WRH	Wood River Hill	56.61	29	eP	P	20 45 45.9 -0.2
WRH	comp=Z,4.1nm,1.2s				pmax	
MDM	Murphy Dome	56.61	28	eP	P	20 45 46.4 +0.2
MDM	comp=Z,5.1nm,1.6s				pmax	
SCM	Sheep Creek Mo	56.69	32	eP	P	20 45 47.0 +0.1
SCM	comp=Z,49nm,0.8s				pmax	
SCM	Sheep Creek Mo	56.69	32	eP	P	20 45 47.0 +0.1
SCM	comp=Z,49nm,0.8s				pmax	
CCB	Clear Creek Bu	56.75	29	eP	P	20 45 45.9 -1.2
CCB	comp=Z,49nm,0.8s				pmax	
KSH	Kashi	56.76	301	eP	P	20 45 52.3 +4.5
KSH	comp=Z,4.1nm,1.1s				pmax	
KSH	Kashi	56.76	301	eP	P	20 45 52.3 +4.5
KSH	comp=Z,4.1nm,1.1s				pmax	
KSH	Kashi	56.76	301	eP	P	20 45 57.1 +6.1
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 46 47.0 +3.3
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 48 00.5 +6.7
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 50 44.9 +1.5
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 50 47.6 +3.1
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 53 44.4 +3.5
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 55 39.3 +1.8
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 57 34.8 +6.3
KSH	comp=Z,1.3nm,0.9s				pmax	
KSH	Kashi	56.76	301	eP	P	20 45 45.9 -1.2
KSH	comp=Z,660nm,8.1s				LN	
KSH	Kashi	56.76	301	eP	P	20 45 45.9 -1.2
KSH	comp=Z,660nm,8.1s				LN	
KSH	Kashi	56.76	301	eP	P	20 45 47.0 -0.2
KSH	comp=Z,1.1um,12.9s				LE	
KSH	Kashi	56.76	301	eP	P	20 45 47.0 -0.2
KSH	comp=Z,1.1um,12.9s				LE	
KSH	Kashi	56.76	301	eP	P	20 45 49.1 -0.5
KSH	comp=Z,360nm,11.7s				LZ	
KSH	Kashi	56.76	301	eP	P	20 45 49.1 -0.5
KSH	comp=Z,360nm,11.7s				LZ	
COLA	College	56.76	28	eP	P	20 45 47.0 -0.2
COLA	comp=Z,460nm,16.3s				pmax	
COLA	College	56.76	28	eP	P	20 45 47.0 -0.2
COLA	comp=Z,9.0nm,0.8s				pmax	
HDA	Harding Lake	57.09	29	eP	P	20 45 49.1 -0.5
HDA	comp=Z,9.0nm,0.8s				pmax	
IL1	Eielson Array	57.16	29	eP	P	20 45 48.9 -1.2
IL1	comp=Z,13nm,0.9s				pmax	
ILAR	Eielson Array	57.16	29	eP	P	20 45 49.0 -1.0
ILAR	comp=Z,16nm,0.9s,baz=260,slow=5.8,SNR=56				pmax	
ILAR	Eielson Array	57.16	29	eP	P	20 45 49.1 -1.0
ILAR	comp=Z,16nm,0.9s				pmax	
KLU	Klutina	57.33	32	eP	P	20 45 51.9 +0.4
KLU	comp=Z,16nm,0.9s				pmax	
DIV	Divide	57.39	33	eP	P	20 45 52.0 +0.3
DIV	comp=Z,29nm,0.7s				pmax	
AAK	Ala-Archa	57.39	305	eP	P	20 45 53.6 +1.4
AAK	comp=Z,64nm,1.6s				pmax	
AAK	Ala-Archa	57.39	305	eP	P	20 45 53.6 +1.4
AAK	comp=Z,5.6nm,1.0s,baz=218,slow=2.2,SNR=6.8				pmax	
AAK	Ala-Archa	57.39	305	eP	P	20 45 53.3 +1.0
AAK	comp=Z,5.6nm,1.0s				pmax	
AAK	Ala-Archa	57.39	305	eP	P	20 45 52.5 +0.3
AAK	comp=Z,15nm,1.1s				pmax	
PAX	Paxson	57.63	31	eP	P	20 45 53.6 +0.1
PAX	comp=Z,8.1nm,1.0s				pmax	
PAX	Paxson	57.63	31	eP	P	20 45 53.6 +0.1
PAX	comp=Z,49nm,1.5s				pmax	
PAX	Paxson	57.63	31	eP	P	20 45 53.6 +0.1
PAX	comp=Z,49nm,1.5s				pmax	
HARP	HARPy	57.74	31	eP	P	20 45 54.4 +0.2
HARP	comp=Z,811nm,3.0s				pmax	
EKS2	Erkin-Say	57.91	305	eP	P	20 45 55.8 -0.1
EKS2	comp=Z,811nm,3.0s				pmax	
EKS2	Erkin-Say	57.91	305	eP	P	20 45 55.8 -0.1
EKS2	comp=Z,811nm,3.0s				pmax	
BMRM	Bremner River	57.95	33	eP	P	20 45 55.7 0.0
BMRM	comp=Z,35nm,0.9s				pmax	
OTUK	Ortayu	58.20	312	iP	P	20 45 58.4 +0.7
OTUK	comp=Z,35nm,0.9s				pmax	
DOT	Dot Lake	58.30	30	eP	P	20 45 57.5 -0.6
DOT	comp=Z,57nm,0.9s				pmax	
STKA	Stevens Creek	58.59	182	eP	P	20 46 00.4 0.0
STKA	comp=Z,55nm,0.9s				pmax	
STKA	Stevens Creek	58.59	182	eP	P	20 46 00.4 0.0
STKA	comp=Z,6.1nm,0.9s,baz=2.3,slow=5.8,SNR=6.7				pmax	
STKA	Stevens Creek	58.59	182	eP	P	20 46 00.2 -0.2
STKA	comp=Z,21nm,2.7s				pmax	
STKA	Stevens Creek	58.59	182	eP	P	20 46 00.2 -0.2
STKA	comp=Z,21nm,2.7s				pmax	
VOSK	Vostochnaya	58.67	317	eP	P	20 46 00.9 +0.1
VOSK	comp=Z,10.0nm,0.8s				pmax	
VOSK	Vostochnaya	58.67	317	eP	P	20 46 00.9 +0.1
VOSK	comp=Z,10.0nm,0.8s				pmax	
BVAR	Borovoye Array	59.00	318	eP	P	20 46 04.0 +0.8
BVAR	comp=Z,10nm,0.8s				pmax	
BVAR	Borovoye Array	59.00	318	eP	P	20 46 04.0 +0.8
BVAR	comp=Z,10nm,0.8s				pmax	
BVAR	Borovoye Array	59.00	318	eP	P	20 46 04.0 +0.8
BVAR	comp=Z,8.0nm,0.7s				pmax	
BRVK	Borovoye	59.06	318	eP	P	20 46 04.2 +0.6
BRVK	comp=Z,8.0nm,0.7s				pmax	
BRVK	Borovoye	59.06	318	eP	P	20 46 04.2 +0.6
BRVK	comp=Z,8.0nm,0.7s				pmax	
BRVK	Borovoye	59.06	318	eP	P	20 46 04.2 +0.6
BRVK	comp=Z,8.0nm,0.7s				pmax	
BRVK	Borovoye	59.06	318	eP	P	20 46 04.2 +0.6
BRVK	comp=Z,8.0nm,0.7s				pmax	

EGAK	Eagle	59.61	29	eP	P	20 46 06.3 -0.8
EGAK	comp=Z,36nm,1.4s				pmax	
ZRNK	Zerenda	59.84	318	eP	P	20 46 09.0 +0.1
ZRNK	comp=Z,9.4nm,0.8s				pmax	
ZRNK	Zerenda	59.84	318	eP	P	20 46 09.0 +0.1
ZRNK	comp=Z,9.0nm,0.8s				pmax	
KK31	Karatay Array	60.20	306	iP	P	20 46 12.3 +0.7
KK31	comp=Z,8.8nm,0.8s				pmax	
KKAR	Karatay Array	60.20	306	eP	P	20 46 12.3 +0.7
KKAR	comp=Z,22nm,0.7s				pmax	
KKAR	Karatay Array	60.20	306	eP	P	20 46 12.3 +0.7
KKAR	comp=Z,22nm,0.7s				pmax	
DKAW	Dawson	60.38	30	eP	P	20 46 12.3 +0.7
DKAW	comp=Z,28nm,0.9s				pmax	
INK	Inuvik	62.56	25	eP	P	20 46 27.2 +0.1
INK	comp=Z,14nm,0.9s,baz=289,slow=6.0,SNR=30				pmax	
INK	Inuvik	62.56	25	eP	P	20 46 26.8 -0.3
INK	comp=Z,14nm,0.9s				pmax	
INK	Inuvik	62.56	25	eP	P	20 46 26.8 -0.3
INK	comp=Z,24nm,1.1s				pmax	
INK	Inuvik	62.56	25	eP	P	20 46 26.8 -0.3
INK	comp=Z,24nm,1.1s				pmax	
KBL	Kabul	63.24	297	eP	P	20 46 33.1 +0.6
KBL	comp=Z,17nm,1.0s				pmax	
KBL	Kabul	63.24	297	eP	P	20 46 33.1 +0.6
KBL	comp=Z,17nm,1.0s				pmax	
SVE	Sverdlouk	64.10	323	iP	P	20 46 38.3 +0.8
SVE	comp=Z,17nm,1.0s				pmax	
SVE	Sverdlouk	64.10	323	iP	P	20 46 38.3 +0.8
SVE	comp=Z,17nm,1.0s				pmax	
POO	Poona	64.23	279	eP	P	20

21d 20h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like EDW2, FURC, R11A, YMR, etc.

2010 DEC

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SFJD, Kangerlussuaq, SFJD, etc.

1026

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like LANS, Liptovska Anna, F33A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include K38A Parkersburg, V31A Spring Creek L, M37A Trindle Farm, S33A Kaszmaul Farm, R34A Isabella, Hill, T33A Patterson Ranc, W31A Holland Ranch, O36A Boickow, N37A Lee Faris, Mou, Y30A Stafford Catti, M38A Pleasantville, Q35A Mercer Eighty, P36A Good Intent, A, V32A Arapaho, X31A McDonald Ranch, Z30A Sanderson Ranc, R35A Emporia Munici, O37A Wolven Farm, M, Y31A Rekieta Farm, T34A McClaskey Farm, P37A Lathrop, S35A Otter Creek Ra, U34A Anderson Ranch, U34A Anderson Ranch, TX31 Lajitas Ar. Si, TXAR Lajitas Array, TXAR Lajitas Array, W33A Caddo, Fort Co, WMOK Wichita Mounta, WMOK Wichita Mounta, Y32A R-V Farms, Ver, T35A Sooner Cattle, V34A Guthrie, P38A Dawn, S36A Lake Cedric, C, BFO Black Forest, R37A Teagarden Farm, Z32A Haskell, T36A Boggs Farm, Ca, Q38A Cooke Store, C, Y33A Hilltop Ranch, S37A Fort Scott, P39A Salsbury, ABTX Abilene, Hawle, X34A Smith Ranch, M, Q39A Willow Grove F, R38A Fenwick Farm, Z33A Whitaker Ranch, T37A Cheneyville 18, S30A J-C Ranch, Com, TUL1 Tulsa, R39A Chumby, Stover, 332A Millersview, 531A Rocksprings, V37A Hulbert, U38A Gravette, R40A Maddies Statio, JCT Junction City, 333A Richland Sprin, 532A Rocksprings, V38A Canehill, 632A Uvalde, TOAD Torodi Ar. Sit, TORO Torodi Ar. Bea, SDV Santo Domingo, VNA2 Neumayer-Watz, 130.1, 193 P, PTG Pitinga, LPAZ La Paz, LPAZ La Paz, LPCL Paso Flores, LPCL Paso Flores, SAML Samuel, SAML Samuel.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, CJC Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, TATO Taipei, DAV Daiva City (W), KKM Ke Kinabalu, YAK Yakutsk, CMAR Chiang Mai Arr, BILL Bilibino, CTA Charters Tower, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, ASAR Alice Springs, KDKA Kodjak Island, DZM Mont Dumac, KURB Kurchatov Arr, KURB Kurchatov Arr, PMR Palmer, MCK McKinley, SML Sawmill, ILAR Eielson Array, AAK Ala-Archa, BVAR Boroyove Array, BRVK Boroyove, INK Inuvik, ARU Arti, YKA Yellowknife Ar, RES Resolute Bay, NEW Newport, FINES FINESS Array B, MSO Missoula, NVAR Mina Array Bea, YES Vestal, Richgr, LPMC Manual Prospec, MRMC Laurel Mountai, DUG Dugway, MURC Murrleta, HEC Hector, Ludlow, TUO Turquoise Moun, BELC Belle Mtn. Jos, AKASO Malin Array Bea, PDAR Pinedale Array, J25A Sunshine Ranch, TXAR Lajitas Array, TORO Torodi Ar. Bea, LPAZ La Paz, PLCA Paso Flores.

ISCJB 21 20:40:22.0.7.26:89N.0:09:143:42E.0:06, h10km, mb4.0/11, Error ellipse: s-maj=13.0km s-min=7.6km az=4.8

IDC 21 20:40:22.6.1.1.26:88N.143:36E, h0km, mb3.8/7, mb1.4/0.9, mb1mx3.8/43, mbtmp3.8/9, ML3.1/2, MS4.8/1, Ms1.4.8/1, ms1mx4.1/57, Error ellipse: s-maj=23.7km s-min=20.0km az=13.0

NEIC 21 20:40:24.1.0.6.26:88N.143:36E, h10km, mb4.6/4, Error ellipse: s-maj=15.9km s-min=11.1km az=77.0

ISC 21 20:40:24.1.0.9.26:90N.0:11:143:36E.0:08, h10km, n18, <089/19, mb4.0/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, CJC Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, ASAJ Asahikawa, USRK Ussuriysk Arr, KLR Kul'dur, HIA Hialar, SONM Songoing Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, INK Inuvik, ARU Arti, YKA Yellowknife Ar, LPAZ La Paz.

ISCJB 21 20:41:29.0.5.27:13N.0:06:143:61E.0:05, h10km, mb4.1/26, Error ellipse: s-maj=9.4km s-min=6.6km az=17.0

IDC 21 20:41:29.0.7.27:09N.143:61E, h0km, mb4.0/19, mb1.4.2/22, mb1mx1.4/3, mbtmp4.1/3, ML3.7/3, Error ellipse: s-maj=18.6km s-min=17.0km az=166.0

NEIC 21 20:41:30.5.0.3.27:06N.143:61E, h10km, mb4.3/8, Error ellipse: s-maj=18.6km s-min=17.0km az=166.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include ellipose: s-maj=8.9km s-min=7.1km az=75.0, ISC 21 20:41:30.4.0.6.27:05N.0:09:143:57E.0:07, h10km, n38, <076/41, mb4.2/26, Bonin Islands region, CBJJ Chichi jima, CBJJ Chichijima, CJC Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, YSS Yuzh-Sakhalins, KLR Kul'dur, ULN Ulanbaatar, SONM Songoing Array, SEYM Salsbury, PMG Port Moresby, BILL Bilibino, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, KDKA Kodjak Island, ILAR Eielson Array, ARK Ala-Archa, BRVK Boroyove, INK Inuvik, ARU Arti, GEYT Alibeck, YKA Yellowknife Ar, RES Resolute Bay, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Bea, PDAR Pinedale Array, AKASO Malin Array Bea, BRTR Kurchatov Arr, TXAR Lajitas Array, TORO Torodi Ar. Bea, LPAZ La Paz.

ISCJB 21 20:41:52.6.0.5.26:98N.0:07:143:64E.0:06, h10km, mb4.1/19, Error ellipse: s-maj=9.8km s-min=7.6km az=1.7

IDC 21 20:41:53.1.0.7.26:99N.143:69E, h0km, mb4.0/15, mb1.4.2/18, mb1mx1.4/3, mbtmp4.0/18, ML3.7/3, Error ellipse: s-maj=22.4km s-min=15.3km az=88.0

NEIC 21 20:41:54.5.0.5.26:98N.143:56E, h10km, mb4.6/7, Error ellipse: s-maj=9.8km s-min=9.3km az=189.0

ISC 21 20:41:54.7.0.7.27:01N.0:09:143:56E.0:08, h10km, n29, <1910/30, mb4.0/19, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, YSS Yuzh-Sakhalins, NACB Nanchiao, MDJ Mudanjing, KLR Kul'dur, ULN Ulanbaatar, SONM Songoing Array, CMAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, PMR Palmer, MCK McKinley, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, YKA Yellowknife Ar, FINES FINESS Array, NVAR Mina Array Bea, PDAR Pinedale Array, AKASO Malin Array Bea.

IDC 21 20:42:02.7.2.1.26:92N.143:78E, h0km, mb4.2/9, mb1.4.3/12, mb1mx1.4/3, mbtmp4.2/12, ML3.8/3, Error ellipse: s-maj=50.5km s-min=40.3km az=27.0

NEIC 21 20:42:05.9.1.2.27:11N.143:69E, h10km, mb4.6/4, Error ellipse: s-maj=25.0km s-min=19.1km az=209.0

ISC 21 20:42:05.4.1.6.27:12N.0:12:143:7E.0:2, h10km, n18, <089/19, mb4.2/13, Bonin Islands region

ISCJB 21 20:36:56.9.0.3.27:16N.0:06:143:57E.0:04, h10km, mb4.5/23, MS4.7/1, Error ellipse: s-maj=8.4km s-min=5.5km az=166.3

IDC 21 20:36:57.1.0.5.27:11N.143:59E, h0km, mb4.5/19, mb1.4.6/20, mb1mx4.4/46, mbtmp4.5/20, MS4.8/1, Ms1.4.8/1, ms1mx4.1/57, Error ellipse: s-maj=16.6km s-min=14.9km az=83.0

NEIC 21 20:36:58.4.0.3.27:13N.143:58E, h10km, mb5.0/5, Error ellipse: s-maj=8.1km s-min=6.5km az=96.0

ISC 21 20:36:58.5.0.5.27:18N.0:07:143:53E.0:06, h10km, n53, <094/57, mb4.7/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, CJC Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, ASAJ Asahikawa, USRK Ussuriysk Arr, KLR Kul'dur, HIA Hialar, SONM Songoing Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, INK Inuvik, ARU Arti, YKA Yellowknife Ar, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, CJC Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSRS Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, YSS Yuzh-Sakhalins, NACB Nanchiao, MDJ Mudanjing, KLR Kul'dur, ULN Ulanbaatar, SONM Songoing Array, CMAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, PMR Palmer, MCK McKinley, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, YKA Yellowknife Ar, FINES FINESS Array, NVAR Mina Array Bea, PDAR Pinedale Array, AKASO Malin Array Bea.

21d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsuhiro Arr, MAJO Matsuhiro, KSRs Korea Array, etc.

ISCBJ 21 20:44:35.0, 2.0, 5.26:64N, 07:143:70E, 0.06, h10km, mb4.0/18, Error ellipse: s-maj=10.6km s-min=7.3km az=20.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

ISCBJ 21 20:45:53.0, 6.0, 27:33N, 143:93E, h10km, mb4.0/13, mb1.4/1.15, mb1mx4.0/42, mbtmp4.0/15, ML3.9/2, Error ellipse: s-maj=24.6km s-min=19.1km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

2010 DEC

Table with columns: ILAR Eielson Array, EK25 1.3km, 0.9s, baz=257, slow=5.7, SNR=6.8, etc.

ISCBJ 21 20:47:40.2, 0.5, 26:84N, 07:143:77E, 0.07, h10km, mb4.0/18, Error ellipse: s-maj=10.2km s-min=7.9km az=141.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

SJA 21 20:47:48.0, 6.0, 33:79S, 71:27W, h24km, 9km, ML3.0, MW3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LNV Longavito, TACH Tangatapu, CHCH Chadapas Angostu, etc.

ISCBJ 21 20:47:51.0, 0.0, 6.3:33:80S, 0:06:71:25W, 0.07, h35km, Error ellipse: s-maj=11.0km s-min=4.8km az=136.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FSR Penalenon, CBIJ Chichijima, MJAR Matsuhiro Arr, etc.

JMA 21 20:47:56.3, 0.2, 27:16N, 143:36E, h51km, M4.2, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

1028

az=176.7, IDC 21 20:49:59.0, 7.2, 17:19N, 143:50E, h0km, mb3.9/15, mb1.4/2.17, mb1mx4.0/45, mbtmp3.9/17, ML3.9/2, Error ellipse: s-maj=18.6km s-min=17.1km az=111.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

ISCBJ 21 20:52:22.8, 1.7, 26:70N, 07:143:73E, 0.03, h5km, 10km, mb4.8/11.2, Error ellipse: s-maj=5.5km s-min=4.8km az=173.9

MOS 21 20:52:23.0, 2.0, 9.26:67N, 143:84E, h10km, mb4.9/54, Error ellipse: s-maj=10.2km s-min=5.5km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHHJ Haha-jima-NKT, JHHJ Chichijima, CBIJ Chichijima, etc.

ISCBJ 21 20:54:54.0, 0.6, 27:33N, 143:66E, 0.06, h10km, mb4.0/18, Error ellipse: s-maj=8.8km s-min=7.3km az=37.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichijima, MJAR Matsuhiro Arr, MAJO Matsuhiro, etc.

21d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FFC Flin Flon, HVU Hansel Valley, H7A Grant Village, etc.

ISCJB 21 20:54:34.0±1.4, 28.7N:0.1±1.43:3E:0.2, h10km, mb4.3/5, Error ellipse: s-maj=25.7km s-min=18.8km az=174.6

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

ISCJB 21 20:56:01.6±0.4, 26.76N:0.06±143.96E:0.05, h10km, mb4.4/34, Error ellipse: s-maj=8.9km s-min=6.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsushiro, KSRs Korea Arr, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULN Ulaanbaatar, SOMN Songino Array, CMAR Chiang Mai Arr, etc.

IDC 21 20:57:34.9±2.4, 26.47N:144.11E, h0km, mb3.8/10, 2013.9/13, mb1mx3.8/56, mbtmp3.9/13, ML3.8/3, Error ellipse: s-maj=47.7km s-min=35.3km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, etc.

1030

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHU Hanno, etc.

21d 21h

Table with columns: Station Name, Frequency, Power, Modulation, and Offset. Includes stations like ARCES ARCES Array B, LTY Liberty, H04A Detroit Lake, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and Offset. Includes stations like FINES FINES Array B, NCK Nalchik, TBLG Delisi, etc.

1036

Table with columns: Station Name, Frequency, Power, Modulation, and Offset. Includes stations like DUG Dugway, DUG Dugway, MURC Murrieta, etc.

21d 21h

Table with columns for station name, frequency, power, and coordinates. Includes stations like Nikolayevsk, Hialar, Sorong, Enshi, Xi'an, etc.

2010 DEC

Table with columns for station name, frequency, power, and coordinates. Includes stations like Bilibino, Kaeng Krachan, Khovu-Aksy, Jajag, Banyuaha, etc.

1038

Table with columns for station name, frequency, power, and coordinates. Includes stations like STKA, OTUK, VOSK, Vostochnaya, Borovoye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BLMT Blacktail Moun, BRDA Brd, JETTE Jette, YBMT Yellow Bay, SWMT Swartz Lake, GANJ Ganja, GOF Gofskoye, SLMT Seeley Lake, QZX Qazax, AZX Qazax, FINES FINESS Array B, MFID Camas Ranch, ZEI Tsey, KBZ Khabaz, KIV Kislovodsk, ONI Oni, NAX Nakhchivan, GNI Garni, HLID Hailey, LRM Limekiln Ridge, VSU Vasula, ELK Elko, BOZ Bozeman, BOZ Bozeman, PMQC Manual Prospek, QLMT Earthquake Lak, FFC Flin Flon, LRM Laurel Mountai, EDW2 Edwards Air Fo, R11A Troy Canyon, YMR Madison River, TPNV Topopah Spring, YNR Norris Junctio, YFT Old Faithful, HVU Hansel Valley, GCMT Greycliff, H17A Grant Village, H17A Grant Village, IMW Indian Meadow, LKWW Lake, GSC Goldstone, GSC Goldstone, FLWY Flagg Ranch, FXWY Fox Creek, MOOW Moose Ponds, REDW Red Top Meadow, RLMT Red Lodge, AHID Auburn Hatcher, MURC Murieta, DUG Dugway, DUG Dugway, HEC Hecator, TUQC Turquoise Moun, SHPR Sheep Range, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, NLU North Lily Min, BELC Belle Mtn. Jos, LDFC Landfair, LAO Lasa Array, LAO Lasa Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PDAR Pinedale Array, IRM Iron Mountain, IBP Imperial Bould, BC3 Big Chuckawall, MSU Marysvale, AKASG Malin Array B, KIEV Kiev, KIEV Kiev, KIEV Kiev, PV09 Paradox Valley, A29A Manning Farm, H25A Fruittale, PV05 Paradox Valley, B29A Wagenman Farm, F27A Lemmon, MDND Maddock, A30A Hoffart Farm, H26A Fairpoint, G27A Dupree, N23A Red Feather La, RAYN Ar Rayn, RAYN Ar Rayn, B30A Myrvik Farm, ULM Lac du Bonnet, ULM Lac du Bonnet, SMCO Snowmass, H27A Howes, J26A Sides Ranch, B31A Greubush Farm, C30A Mose, Pekin, I27A Quinn, D30A Buchanan, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, A32A Rocking H Ranch, I28A Midland, BR23I Keskin MP Arra, A33A Warrad, H29A Onida, AGMN Agassiz Nation, AGMN Agassiz Nation, STHS Stebnicka Huta, STHS Stebnicka Huta, B34A Aery Baudette, D34A Park Rapids, F33A 5 Mile Ranch, ANMO Albuquerque, ANMO Albuquerque, LANS Liptovska Anna, LANS Liptovska Anna, G33A Ortonville, ECSD EROS Data Cent, CLL Collim, CLL Collim, SPMN St. Paul, GERES GERESS Array B, GERES GERESS Array B, P35A Duane Minner, Q35A Mercer Eighty, M38A Pleasantville, X31A McDonald Ranch, P37A Lathrop, TXAR Lajitas Array, TXAR Lajitas Array, U34A Anderson Ranch, U34A Anderson Ranch, V34A Guthrie, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TOAO Torodi Ar. Sit, TORD Torodi Ar. Sit, SDV Santo Domingo, SNA Sanae, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PLCA Paso Flores, PLCA Paso Flores, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, TXAR Lajitas Array, ANMO Albuquerque, NVAR Mina Array Bea, NEW NEW, LVC LVC, YKA Yellowknife Ar, INK Inuvik, ILAR Eielson Array, ISCJB 21 21:32:54.9, IDC 21 21:32:55.3, NEIC 21 21:32:56.7, ISC 21 21:32:56.7, CBJJ Chichijima, CBJJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, H1N2 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, H1S3 WAKE ISLAND HY, H1S1 WAKE ISLAND HY, H1S2 WAKE ISLAND HY, KLR KLR, ULN Ulanbaatar, SONM Songino Array, CMAR Chiang Mai Arr, LSA LSA, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, BVK Borovoye Array, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Bea, LRM Limekiln Ridge, PDAR Pinedale Array, BRTR Keskin Array B, LPAZ La Paz, IDC 21 21:33:47.3, MOS 21 21:33:47.4, NEIC 21 21:33:50.0, BUI 21 21:33:50.0, ISCJB 21 21:33:51.7, JMA 21 21:33:55.7.

1043

IDC 21 21:45:37.2-4.1, 4.04AS:152.47E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.4/41, mbtmp3.6/2, Error ellipse: s-maj=198.4km s-min=46.9km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations WRA, ASAR, TORO.

ISC/JB 21 21:46:53.4-0.8, 27.22N:01:143.5E:0.1, h10km, mb3.8/8, Error ellipse: s-maj=18.5km s-min=15.4km az=12.5

IDC 21 21:46:53.6-0.8, 27.22N:143.33E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.7/43, mbtmp3.7/8, ML3.8/1, Error ellipse: s-maj=24.8km s-min=20.0km az=115.0

ISC 21 21:46:54.7-0.9, 27.22N:01:143.4E:0.1, h10km, n11, r1547/10, mb3.9/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations JCJ, MJAR, WRA, MKAR, ASAR, ILAR, BVAR, YKA, FINES, TXAR, LPAZ.

ISC/JB 21 21:48:06.5-1.1, 26.7N:01:144.1E:0.3, h10km, mb3.8/6, MS3.9/1, Error ellipse: s-maj=39.8km s-min=16.6km az=177.0

IDC 21 21:48:07.0-1.2, 26.75N:143.98E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/42, mbtmp3.8/7, ML3.9/1, MS4.0/1, Ms1 4.0/1, ms1mx3.1/49, Error ellipse: s-maj=43.5km s-min=20.7km az=90.0

ISC 21 21:48:08.1-1.3, 26.8N:01:143.9E:0.3, h10km, n9, r1578/10, mb3.7/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations MJAR, USRK, KLR, KAPI, WRA, FITZ, ZALV, MKAR, ILAR.

IDC 21 21:50:21.9-1.1, 0.2650N:143.34E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/48, mbtmp3.7/4, Error ellipse: s-maj=42.1km s-min=24.4km az=72.0, Bonin Islands region

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

ISC/JB 21 21:50:46.4-0.8, 26.7N:01:143.77E:0.09, h10km, mb3.9/9, Error ellipse: s-maj=15.8km s-min=11.4km az=23.2

IDC 21 21:50:46.2-1.0, 26.63N:143.69E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.7/49, mbtmp3.8/9, ML3.8/1, Error ellipse: s-maj=24.0km s-min=19.5km az=55.0

ISC 21 21:50:47.0-0.9, 26.68N:01:143.66E:0.10, h10km, n12, r1552/12, mb3.9/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations JCJ, MJAR, USRK, KLR, SONM, WRA, FITZ, MKAR, ILAR, STKA, GEYT, YKA.

ISC/JB 21 21:52:15.0-0.3, 39.23N:01:23.54E:0.02, h12km, 2km, Error ellipse: s-maj=2.1km s-min=1.8km az=10.5

ATH 21 21:52:14.5, 39.23N:23.55E, h24km, MD3.2/44, ML3.5 THE 21 21:52:15.6, 39.23N:23.53E, h9km, ML3.4/7, Error ellipse: s-maj=0.8km s-min=0.4km az=215.0

CSEM 21 21:52:15.7-0.1, 39.22N:23.50E, h12km, ML3.4, Error ellipse: s-maj=1.9km s-min=1.7km az=104.0

ISC 21 21:52:15.4-0.8, 39.22N:01:23.53E:0.01, h11km, 5km, n232, r078/319, 23C-10, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations SKIA, AOS, NEO, AOS, AOS, AOS, AOS, XOR.

2010 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations XOR, SMIA, MRKA, FYTO.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations MRKA, FYTO, ATAL.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations ATAL, LKR, PAIG, PAIG, PAIG.

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

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

INCN	Inchon	17.55 311	ePn	P	22 12 07.5 +0.4
YNCB	YEONCHEON	17.65 313	P	P	22 12 08.7 +0.5
KSMUS	Musan	17.68 312	P	P	22 12 08.8 +0.4
KSGAH	Ganghwa	17.79 311	P	P	22 12 11.4 +1.7
VLA	VLADIVOSTOK	18.56 333d	iP	P	22 12 18.8 +0.4
USRK	USSURIYSK AR.	19.43 335	Pn	P	22 12 28.1 +0.4
TATC	Taipei	19.77 269	eP	Pn	22 12 34.0 +0.9
NACB	Ninganchiao	19.84 267	eP	Pn	22 12 33.1 -0.8
YSS	Yuzh-Sakhalins	19.89 359	iP	Pn	22 12 33.8 -0.5
YSS			eS	Sn	22 12 39.0
YSS			eS	Sn	22 16 44.0 +2.7
YSS	comp=N,80nm,1.2s			pmax	pmax
YSS	comp=Z,90nm,1.2s			MLR	MLR
YSS	comp=N,1um,16.0s			MLR	MLR
YSS	comp=Z,1um,16.0s				
YSS	Yuzh-Sakhalins	19.89 359	eP	Pn	22 12 34.5 +0.2
YHNB	Yeheng	19.93 268	eP	P	22 12 34.0 +0.6
YULB	Yu-li	20.29 265	eP	P	22 12 37.5 +0.2
TWVG	Pinlang	20.64 263	eP	Pn	22 12 42.6 -0.8
MDJ	Mudanjiang	20.74 331	P	Pn	22 12 43.8 -0.6
MDJ	comp=Z,80nm,1.0s			PMZ	
MDJ	comp=Z,350nm,5.1s				
MDJ	Mudanjiang	20.74 331	eP	Pn	22 12 43.8 -0.6
TPUB	Ta-pu	20.91 265	eP	Pn	22 12 46.4 -0.1
DL2	Dalian	21.68 309	P	P	22 12 51.5 -0.6
DL2			S	S	22 16 50.8 -0.7
DL2	comp=Z,59nm,0.7s			PMZ	
DL2	comp=Z,150nm,8.8s			LN	
DL2	comp=Z,750nm,18.9s			LE	
DL2	comp=Z,740nm,15.2s			LZ	
DL2	comp=Z,960nm,16.2s				
NJ2	Nanjing	21.88 289	eP	P	22 12 52.0 -2.4
NJ2	comp=Z,15nm,0.8s			PMZ	
SNY	Shenyang	21.93 317	iP	P	22 12 54.8 +0.1
SNY				PMZ	
CN2	Changchun	22.13 324	eP	S	22 12 56.9 0.0
CN2			eS	S	22 16 55.3 -4.7
CN2	comp=Z,20nm,0.7s			PMZ	
CN2	comp=Z,200nm,4.0s			LN	
CN2	comp=Z,1um,13.0s			LE	
CN2	comp=Z,1um,13.0s			LZ	
CN2	comp=Z,1um,14.0s				
OZH	Quanzhou	22.36 270	iP	S	22 13 00.3 +0.8
OZH			S	S	22 16 58.0 -6.7
OZH	comp=Z,900nm,10.6s			LE	
OZH	comp=Z,990nm,12.1s			LZ	
TYV	Tymovskoe	23.80 359	eP	P	22 13 17.2 +3.2
TYV				pmax	pmax
KLR	Kul'dur	23.91 341	P	P	22 13 16.8 +1.7
KLR	Kul'dur	23.91 341	iP	P	22 13 16.5 +1.4
TIA	Tai'an	24.09 299	iP	P	22 13 15.4 -1.5
WHN	Wuhan	25.64 285	iP	S	22 13 31.3 +0.3
WHN			S	S	22 18 01.3 +2.7
WHN	comp=Z,140nm,1.2s			LN	
WHN	comp=Z,2um,14.4s			LE	
WHN	comp=Z,2um,15.1s			LZ	
WHN	comp=Z,3um,16.6s				
BJI	Beijing	26.00 307	P	P	22 13 32.8 -1.4
BJI			S	S	22 18 03.3 -0.8
BJI	comp=Z,11nm,1.7s			PMZ	
BJI	comp=Z,290nm,5.8s			LN	
BJI	comp=Z,610nm,13.6s			LE	
BJI	comp=Z,1um,16.5s			LZ	
NKL	Nikolayevsk	26.16 356	eP	P	22 13 35.0 -0.5
NKL				pmax	pmax
PEAO	Petrovsk	28.15 18	eP	P	22 13 54.5 +1.1
PETK	Petrovsk	28.15 18	eP	P	22 13 53.7 +0.3
PETK	Petrovsk	28.15 18	eP	P	22 13 53.7 +0.3
PEA1	Petrovsk	28.15 18	eP	P	22 13 53.7 +0.2
HIA	Hailar	28.73 327d	iP	P	22 14 00.7 +2.1
HIA				pmax	pmax
HIA	comp=Z,67nm,0.9s				
HHC	Hu-ho-hao-te	29.58 306	eP	S	22 14 06.3 -0.1
HHC			S	S	22 14 13.0 -0.8
HHC				PMZ	
HHC	comp=Z,20nm,1.1s			PMZ	
HHC	comp=Z,230nm,5.1s			LN	
HHC	comp=Z,920nm,14.3s			LE	
HHC	comp=Z,830nm,14.0s				
ENH	Enshi	29.84 284	eP	P	22 14 09.3 +0.5
ENH	comp=Z,17nm,0.8s			eS	S
SUJ	Sorong	30.09 205	P	P	22 19 01.4 -3.6
SUJ	comp=Z,14nm,0.7s,baz=356,slow=11,SNR=8.2			S	S
XAN	Xi'an	30.38 292	P	P	22 14 12.6 -0.8
XAN				pP	pP
XAN				S	S
XAN				PMZ	PMZ
BTO	Baotou	30.63 305	eP	P	22 14 11.3 -4.4
LBI	Labuha	31.47 212	P	P	22 14 21.6 -1.5
FAK	Fak Fak	31.65 202	eP	P	22 14 23.7 -1.0
MYLDM	Lahad Datu	32.16 232	iP	P	22 14 29.7 +0.5
MYLDM	Lahad Datu	32.16 232	iP	P	22 14 30.9 +1.7
KDM	Kudat	32.18 236	iP	P	22 14 29.1 -0.3
KDM	Kudat	32.18 236	iP	P	22 14 29.6 +0.2
RABL	Rabaul	32.19 163	ePP	P	22 15 35.9 -2.9
GYA	Guiyang	32.71 277	iP	P	22 14 33.4 -0.7
GYA				Pn	Pn
GYA				S	S

GYA			ScP	ScP	22 21 02.4 -0.6
GYA			PMZ		
GYA	comp=Z,40nm,1.0s		LN		
GYA	comp=Z,140nm,5.4s		LE		
GYA	comp=Z,750nm,17.8s		LE		
GYA	comp=Z,680nm,18.0s		LZ		
GTOI	Gorontalo	32.73 220	P	P	22 14 33.5 -0.7
SDKM	Sandakan	32.77 234	iP	P	22 14 32.9 -1.7
SDKM	Sandakan	32.77 234	iP	P	22 14 34.1 -0.5
KKM	Kota Kinabalu	33.22 236	iP	P	22 14 38.8 +0.2
KKM	Kota Kinabalu	33.22 236	eP	P	22 14 39.3 +0.7
TSM	Tawau	33.23 232	iP	P	22 14 36.8 -1.8
TSM	Tawau	33.23 232	iP	P	22 14 37.9 -0.6
MSAI	Masohi	33.27 207	P	P	22 14 39.8 +0.9
SANI	Sanana	33.42 213	P	P	22 14 37.9 -2.3
MRSI	Marisa	33.48 221	P	P	22 14 40.1 -0.7
CIT	Chita	33.52 326	eP	P	22 14 43.9 +3.1
CIT				pmax	pmax
NLAI	Nanzhao	33.95 210	P	P	22 14 43.7 -1.1
LZH	Lanzhou	34.67 295	iP	P	22 14 50.8 -0.4
LZH			pP	pP	22 14 54.0 -2.4
LZH			pP	pP	22 14 55.5 -3.1
LZH			Pn	Pn	22 20 20.0 -0.1
LZH			S	S	22 20 26.8 -2.2
LZH	comp=Z,85nm,1.5s			PMZ	
LZH	comp=Z,260nm,6.0s			LN	
LZH	comp=Z,1um,14.4s			LE	
LZH	comp=Z,1um,14.0s			LZ	
LZH	comp=Z,2um,16.5s				
CD2	Chengdu	34.74 286	iP	P	22 14 51.3 -0.4
CD2			S	S	22 15 02.1 +3.0
CD2			S	S	22 20 18.3 +5.1
CD2			S	S	22 20 31.3 +1.3
CD2	comp=Z,200nm,0.8s			PMZ	
CD2	comp=Z,390nm,11.5s			LE	
CD2	comp=Z,1um,13.3s			LZ	
CD2	comp=Z,1um,14.3s				
ULN	Ulaanbaatar	35.09 316d	eP	P	22 14 55.4 +0.8
ULN				pmax	pmax
ULN	comp=Z,32nm,1.1s				
ULN	Ulaanbaatar	35.09 316	eP	P	22 14 55.4 +0.8
SONA	Songino Array	35.49 316	eP	P	22 14 58.9 +0.9
SONA0			eP	P	22 17 28.0 +0.8
SONA1	Songino Array	35.49 316	eP	P	22 17 13.0 +0.6
SONM	Songino Array	35.49 316	eP	P	22 14 58.9 +0.9
SONM	comp=Z,14nm,0.8s,baz=128,slow=9.0,SNR=42			P	22 17 28.0 +0.8
SONM	comp=Z,3.5nm,0.9s,baz=131,slow=4.2,SNR=45			P	22 17 28.0 +0.8
SONM	comp=Z,0.4nm,0.5s,baz=116,slow=7.3,SNR=3.5			P	22 21 13.0 +0.6
SONM	Songino Array	35.49 316	eP	P	22 14 58.9 +0.9
SONM				pmax	pmax
SONM	comp=Z,14nm,0.8s			pmax	pmax
SONM	comp=Z,4.0nm,0.9s			P	22 15 04.5 +1.0
SONM	comp=Z,15nm,0.4s,baz=142,slow=1.7,SNR=5.8			P	22 15 04.2 +0.8
YAK	Yakutsk	36.17 349	eP	P	22 15 04.2 +0.8
YAK	Yakutsk	36.17 349	eP	P	22 15 04.2 +0.8
YAK	comp=Z,92nm,1.0s			pmax	pmax
YAK	comp=N,25nm,1.1s			pmax	pmax
YAK	comp=E,9nm,1.3s			pmax	pmax
YAK	Yakutsk	36.17 349	eP	P	22 15 04.5 +1.0
SLVN	Son La	36.34 270	eP	P	22 15 05.9 +0.4
SLVN			eP	P	22 17 31.7 +1.6
SEY	Seymchan	36.39 7	iP	P	22 15 06.4 +1.1
SEY	Seymchan	36.39 7	iP	P	22 15 06.2 +0.9
PMG	Port Moresby	36.41 174	P	P	22 15 03.8 -2.2
PMG	Port Moresby	36.41 174	P	P	22 17 29.8 -0.4
PMG	Port Moresby	36.41 174	eP	P	22 15 04.7 -1.3
PMG	comp=Z,59nm,1.4s			P	22 15 04.7 -1.3
PMG	comp=Z,59nm,1.4s			P	22 15 06.6 +0.1
KMI	Kunming	36.43 276	P	P	22 15 16.5 +4.7
KMI				PMZ	
KMI	comp=Z,42nm,1.0s			LN	
KMI	comp=Z,700nm,15.9s			LE	
KMI	comp=Z,430nm,15.1s			LZ	
BOD	Bodaibo	37.06 334	eP	P	22 15 11.0 -0.2
BOD				pmax	pmax
SKNT	Sakolnaker	37.73 263	P	P	22 15 17.9 +0.6
GTA	Gaotai	38.12 300	iP	P	22 15 19.8 -0.8
GTA			pP	pP	22 15 25.0 -0.9
GTA			pP	pP	22 15 28.1 +0.1
GTA			Pn	Pn	22 16 52.5 +3.3
GTA			S	S	22 21 11.3 -1.7
GTA			S	S	22 21 19.9 -1.8
GTA			SS	SS	22 23 47.8 -8.7
GTA	comp=Z,21nm,0.9s			PMZ	
GTA	comp=Z,190nm,5.4s			LN	
GTA	comp=Z,780nm,15.2s			LE	
GTA	comp=Z,620nm,18.1s			LZ	
ZAK	Zakamensk	38.35 318	eP	P	22 15 23.3 +1.0
IRK	Irkutsk	38.54 322	eP	P	22 15 25.3 +1.6
IRK				pmax	pmax
SBUM	Sibu	38.56 236	iP	P	22 15 24.9 +0.5
SBUM	Sibu	38.56 236	eP	P	22 15 23.9 -0.5
TLY	Talaya	38.65 320	eP	P	22 15 26.9 +2.1
TLY	Talaya	38.65 320	eP	P	22 15 27.1 +2.4
TLY	comp=Z,84nm,1.1s			pmax	pmax
TLY	comp=Z,606nm,17.0s			MLR	MLR
TLY	Talaya	38.65 320	P	P	22 15 27.9 +3.2
TLY	comp=Z,331nm,1.2s,SNR=11			P	22 15 28.5 +0.5
MTKI	Muara Teweh	39.05 229	P	P	22 15 29.1 +0.7
KAPI	Kappang	39.20 219	P	P	22 15 30.4 +0.7
KAPI	Kappang	39.20 219	eP	P	22 15 30.4 +0.7
BKSI	Bulukumba	39.25 218	P	P	22 15 30.0 0.0

MOY	Mondy	40.17 319	eP	P	22 15 38.9 +1.4
MOY				pmax	pmax
UTTA	Uttarakhand	40.49 266	P	P	22 15 40.5 +0.1
PBKT	Sadao Pong	40.55 264	P	P	22 15 41.4 +0.5
SRAK	Srakaw	40.63 260	P	P	22 15 37.8 -3.8
KSM	Kuching	40.63 237	iP	P	22 15 41.8 +0.1
STKI	Sintang	40.72 234	P	P	22 15 41.7 -0.6
COEN	Coenen	40.75 180	eP	P	22 15 41.3 -1.1
CHBT	Chhat	40.92 258	P	P	22 15 46.4 +2.4
MMRI	Maumere	40.95 213	eP	P	22 15 44.6 +0.4
MMRI	Maumere	40.95 213	eP	P	22 15 43.8 -0.4
SOEI	Soe	41.00 209	eP	P	22 15 43.2 -1.5
CMAI	Chiengmai	41.10 270	P	P	22 15 45.9 +0.3
MTN	Manton Dam	41.38 198	eP	P	22 15 46.8 -0.8
CMMT	Chiang Mai	41.55 268	P	P	22 15 48.8 -0.4
CHTO	Chiang Mai	41.55 268	P	P	22 15 48.9 -0.3
CHTO	Chiang Mai	41.55 268	eP	P	22 15 48.9 -0.3
CHTO	Chiang Mai	41.55 268	eP	P	22 15 48.9 -0.3
CHTO	Chiang Mai	41.55 268	eP	P	22 15 49.4 -0.8

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like GANJ, BLMT, GOF, JMTM, YBMT, QZX, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like FCC, GSC, MOOV, SHOC, REDW, RLMT, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like G26A, I25A, LVV, MDND, A30A, etc.

21d 22h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H33A, BNM, BZS, F35A, etc.

2010 DEC

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Q39A, 530A, R39A, etc.

1050

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KURBB, ILAR, INK, etc.

21d 22h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like LZH, CD2, SONA1, etc.

2010 DEC

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CHTO, CM01, CM31, etc.

1052

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like LHSI, TAPN, KCSI, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details. Includes stations like Sheep Creek Mo, Clear Creek Bu, College, Kyzart, Karageybulak, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details. Includes stations like Akbulak array, Aktuyubinsk, IMYA, ALE, IMO, Moghan, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other technical details. Includes stations like LPSR, J08A, NAZ, OBV, OBN, etc.

21d 22h

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like SUMG Summit, DAC Darwin, FFC Flin Flon, etc.

2010 DEC

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like 113A Mohawk Valley, O20A White River, O20A White River, etc.

1054

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like OKC Ostrava-Krasne, LOT Albuquerque, ANMO Albuquerque, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BFO Black Forest, DAVA Black Forest, BFO Damuels, FUORN Ofenpass-Fuorn, etc.

NEIC 21 22:20:26.6, 51.98N-169.29W, h32km, ML2.9(AEIC), After AEIC, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSO Okmok South, etc.

IDC 21 22:23:03.2, 1.4, 26.39N-143.95E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/49, mbtmp4.0/4, Error ellipse: s-maj=44.2km s-min=30.1km az=87.0, Bonin Islands region

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

ISCJB 21 22:25:37.9, 0.5, 26.65N-143.70E, h10km, mb4.0/18, Error ellipse: s-maj=10.7km s-min=7.2km az=28.7

IDC 21 22:25:38.2, 0.6, 26.65N-143.70E, h0km, mb4.0/15, mb1 4.2/18, mb1mx4.1/49, mbtmp4.0/18, ML3.6/2, Error ellipse: s-maj=19.1km s-min=14.4km az=86.0

NEIC 21 22:25:39.0, 0.4, 26.67N-143.65E, h10km, mb4.4/2, Error ellipse: s-maj=13.0km s-min=8.9km az=73.0

ISC 21 22:25:39.5, 0.7, 26.77N-143.64E, h10km, mb4.0, n27, 0581/28, mb4.0/18, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, WRA Warramunga Arr, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, KKAR Karatay Array, INK Inuvik, etc.

ISCJB 21 22:27:10.4, 0.26, 83N-106.144, 01E, 0.05, h10km, mb4.3/27, Error ellipse: s-maj=8.1km s-min=6.6km az=16.0

IDC 21 22:27:28.0, 0.7, 26.88N-144.02E, h0km, mb4.0/14, mb1 4.2/17, mb1mx4.0/46, mbtmp4.0/17, ML3.2/3, Error ellipse: s-maj=17.9km s-min=16.3km az=102.0

NEIC 21 22:28:28.9, 0.3, 26.85N-144.02E, h10km, mb4.8/15, Error ellipse: s-maj=9.2km s-min=7.6km az=88.0

ISC 21 22:28:29.0, 0.7, 26.39N-101.433, 95E-0.08, h10km, n49, 0599/54, mb4.0/27, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, WRA Warramunga Arr, MKAR Makanchi Array, etc.

LJU 21 22:31:08.0, 45.42N-153.3E, h20km, ML1.3, 1C-2D, Northwest-Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOJS Bojanci, CRES Cresnev, VISS Vrisnje, etc.

IDC 21 22:31:47.0, 0.9, 26.39N-144.15E, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.6/29, mbtmp3.6/6, Error ellipse: s-maj=42.8km s-min=22.3km az=108.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, WRA Warramunga Arr, MKAR Makanchi Array, etc.

Table with columns: NVAR Mina Array Bea, 79.21 52 P, 22 43 55.6 +0.4

IDC 21 22:32:29.7, 1.0, 26.66N-144.85E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/40, mbtmp3.7/5, Error ellipse: s-maj=77.3km s-min=22.3km az=105.0, Bonin Islands region

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

IDC 21 22:35:15.1, 1.1, 26.77N-143.57E, h0km, mb3.4/6, mb1 3.6/7, mb1mx3.5/34, mbtmp3.4/7, ML3.6/1, Error ellipse: s-maj=33.1km s-min=24.6km az=77.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matushiro Arr, USKR Ussuriysk Arr, WRA Warramunga Arr, etc.

ISCJB 21 22:40:33.1, 0.8, 27.19N-101.143, 6E-0.1, h10km, mb3.8/8, Error ellipse: s-maj=16.3km s-min=14.3km az=4.6

IDC 21 22:40:33.5, 0.8, 27.17N-143.55E, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.8/47, mbtmp3.8/10, ML3.1/2, Error ellipse: s-maj=22.3km s-min=18.9km az=114.0

ISC 21 22:40:37.0, 0.7, 27.11N-143.66E, 0.1, h10km, n13, 0139/13, mb4.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichijima, MJAR Matushiro Arr, WRA Warramunga Arr, etc.

ISCJB 21 22:40:55.0, 0.5, 27.14N-101.143, 66E-0.06, h10km, mb4.1/21, Error ellipse: s-maj=10.2km s-min=7.3km az=170.7

IDC 21 22:40:55.7, 0.7, 27.11N-143.68E, h0km, mb4.0/17, mb1 4.3/20, mb1mx4.1/46, mbtmp4.1/20, ML3.6/3, Error ellipse: s-maj=18.1km s-min=16.9km az=168.0

NEIC 21 22:40:57.0, 0.4, 27.13N-143.66E, h10km, mb4.7/4, Error ellipse: s-maj=9.9km s-min=8.4km az=69.0

ISC 21 22:40:57.5, 0.7, 27.20N-109.143, 60E-0.07, h10km, n30, 0594/33, mb4.1/21, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, WRA Warramunga Arr, MKAR Makanchi Array, etc.

21d 22h

IDC 21 22:42:48.4.5.3, 26.79N:143.02E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.5/2, mbtmp3.8/4, ML3.8/1, Error ellipse: s-maj=320.7km s-min=23.5km az=83.0, Bonin Islands region

IDC 21 22:43:30.7.1.0, 26.85N:144.34E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/5.1, mbtmp3.9/6, Error ellipse: s-maj=73.5km s-min=22.0km az=106.0, Bonin Islands region

IDC 21 22:48:11.2.10.0, 26.45N:142.43E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/5.6, mbtmp3.6/3, Error ellipse: s-maj=373.2km s-min=33.0km az=70.0, Bonin Islands region

ISCJB 21 22:49:09.8.1.1, 26.61N:143.2E:0.3, h10km, mb3.7/7, Error ellipse: s-maj=33.3km s-min=20.0km az=170.6

ISC 21 22:49:10.3.1.1, 26.62N:143.23E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.6/5.7, mbtmp3.9/9, ML3.4/2, Error ellipse: s-maj=35.8km s-min=24.2km az=75.0

ISC 21 22:49:11.9.1.1, 26.71N:143.2E:0.2, h10km, n10, r=133/10, mb3.9/7, Bonin Islands region

ISCJB 21 22:54:27.3.0.8, 26.18N:0.1:143.7E:0.3, h10km, mb3.7/8, Error ellipse: s-maj=32.5km s-min=14.5km az=174.3

ISC 21 22:54:28.3.0.8, 26.18N:143.64E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/4, mbtmp3.7/9, ML4.0/1, Error ellipse: s-maj=35.4km s-min=17.9km az=87.0

ISC 21 22:54:29.2.0.9, 26.19N:0.1:143.7E:0.2, h10km, n10, r=104/10, mb3.8/8, Bonin Islands region

ISCJB 21 22:54:54.7.0.4, 50.27N:0.03:18.70E:0.02, h0km, Error ellipse: s-maj=4.5km s-min=2.0km az=9.0

CSEM 21 22:54:55.4.0.2, 50.31N:18.75E, h2km, ML3.3/3, Error ellipse: s-maj=5.4km s-min=2.8km az=13.0

IEPC 21 22:54:55.4.0.2, 50.31N:18.83E, h2km, ML2.4/3, Error ellipse: s-maj=5.6km s-min=1.1km az=169.0

IDC 21 22:54:56.6.1.2, 50.94N:15.77E, h0km, mb1 3.6/4, mb1mx3.2/6.5, mbtmp3.5/4, ML3.2/4, Error ellipse: s-maj=24.6km s-min=9.3km az=81.0

VIE 21 22:54:58.8.1.2, 49.77N:18.86E, h0km, mb2.3/4, ml2.8/5, Error ellipse: s-maj=11.2km s-min=8.1km az=176.0, Suspected Mining induced.

ISC 21 22:54:55.0.0.7, 50.30N:0.03:18.75E:0.02, h0km, n69, r=690/113, 11C-16D, Poland

ISCJB 21 22:55:37.8.0.8, 26.80N:143.77E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.8/6.5, mbtmp3.9/14, ML3.4/2, Error ellipse: s-maj=29.7km s-min=16.5km az=84.0

ISC 21 22:55:39.3.0.8, 26.81N:0.1:143.7E:0.2, h10km, n15, r=115/15, mb3.9/12, Bonin Islands region

2010 DEC

DPC Dobruska-Polom 1.56 273 Pg P 22 55 24.9 +0.1

UPC Ujpec 1.77 278 ePg P 22 55 28.2 -0.1

TREC Trest 2.34 246 Pn P 22 55 35.2 +0.4

ZST Bratislava 2.37 208 ePn P 22 55 35.3 +0.2

PVCC Panska Ves 2.69 276 ePg P 22 55 40.0 +0.5

PRU Pruhonice 2.73 265 ePn P 22 55 40.2 +0.2

PRA Prague 2.79 267 ePg P 22 55 49.2 +0.8

KHC Kasperke Hory 3.56 253 ePg P 22 55 52.3 +0.8

KHC KHC 22 55 52.4 -0.7

KHC KHC 22 55 48.1 -1.1

KHC KHC 22 55 52.3 +0.8

1056

LPAZ La Paz 148.65 77 PKPbc PKPbc 23 15 28.2 -0.1

IDC 21 22:59:01.0.3.6, 26.29N:141.15E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.4/5.6, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=144.6km s-min=24.9km az=75.0, Bonin Islands region

IDC 21 22:59:05.3.5.5, 27.03N:143.17E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/5.9, mbtmp3.7/5, ML2.7/1, Error ellipse: s-maj=141.0km s-min=25.9km az=79.0, Bonin Islands region

IDC 21 22:59:01.4.2.6, 54.18N:4.39W, h0km, mb3.6/3, mb1 3.7/8, mb1mx3.4/7.5, mbtmp3.7/8, ML3.4/5, Error ellipse: s-maj=49.7km s-min=20.6km az=107.0

NEIC Felt [IV] at Askam in Furness, Cockerthorpe, Dalton in Furness, Millom, Seacale and Windermere; [III] at Abingdon, Ambleside, Barrow in Furness, Camforth, Cleator Moor, Egremont, Kendal, Maryport, Ulverston and Whitehaven; [II] at Blackpool, Carlisle, Lancaster, Morecambe, Penrith and Workington. Felt throughout Cumbria and as far as Whitstable. Felt [IV] at Kirkcubright and [III] at Dalbeattie, Scotland and [II] at Douglas and Ramsey, Isle of Man. Also felt at Castlereagh, Northern Ireland.

LDG 21 22:59:12.7.0.1, 54.37N:3.11W, h15km, MI3.7/30, Error ellipse: s-maj=2.3km s-min=1.5km az=59.0

ISC 21 22:59:10.3.1.1, 26.62N:143.23E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.6/5.7, mbtmp3.9/9, ML3.4/2, Error ellipse: s-maj=35.8km s-min=24.2km az=75.0

ISC 21 22:59:11.9.1.1, 26.71N:143.2E:0.2, h10km, n10, r=133/10, mb3.9/7, Bonin Islands region

ISCJB 21 22:54:27.3.0.8, 26.18N:0.1:143.7E:0.3, h10km, mb3.7/8, Error ellipse: s-maj=32.5km s-min=14.5km az=174.3

ISC 21 22:54:28.3.0.8, 26.18N:143.64E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/4, mbtmp3.7/9, ML4.0/1, Error ellipse: s-maj=35.4km s-min=17.9km az=87.0

ISC 21 22:54:29.2.0.9, 26.19N:0.1:143.7E:0.2, h10km, n10, r=104/10, mb3.8/8, Bonin Islands region

ISCJB 21 22:54:54.7.0.4, 50.27N:0.03:18.70E:0.02, h0km, Error ellipse: s-maj=4.5km s-min=2.0km az=9.0

CSEM 21 22:54:55.4.0.2, 50.31N:18.75E, h2km, ML3.3/3, Error ellipse: s-maj=5.4km s-min=2.8km az=13.0

IEPC 21 22:54:55.4.0.2, 50.31N:18.83E, h2km, ML2.4/3, Error ellipse: s-maj=5.6km s-min=1.1km az=169.0

IDC 21 22:54:56.6.1.2, 50.94N:15.77E, h0km, mb1 3.6/4, mb1mx3.2/6.5, mbtmp3.5/4, ML3.2/4, Error ellipse: s-maj=24.6km s-min=9.3km az=81.0

VIE 21 22:54:58.8.1.2, 49.77N:18.86E, h0km, mb2.3/4, ml2.8/5, Error ellipse: s-maj=11.2km s-min=8.1km az=176.0, Suspected Mining induced.

ISC 21 22:54:55.0.0.7, 50.30N:0.03:18.75E:0.02, h0km, n69, r=690/113, 11C-16D, Poland

ISCJB 21 22:55:37.8.0.8, 26.80N:143.77E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.8/6.5, mbtmp3.9/14, ML3.4/2, Error ellipse: s-maj=29.7km s-min=16.5km az=84.0

ISC 21 22:55:39.3.0.8, 26.81N:0.1:143.7E:0.2, h10km, n15, r=115/15, mb3.9/12, Bonin Islands region

ISC 21 22:55:37.8.0.8, 26.80N:143.77E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.8/6.5, mbtmp3.9/14, ML3.4/2, Error ellipse: s-maj=29.7km s-min=16.5km az=84.0

21d 23h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like NORSTAR Subarra, NORSTAR Array B, SSB Saint Sauveur, etc.

IDC 21 22:59:32.1-0.6, 26.72N-143.74E, h0km, mb4.1/26, mb1.4/3/29, mb1mx4.2/57, mbmp4.1/29, ML3.8/3, Error ellipse: s-maj=16.8km s-min=14.0km az=58.0

2010 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Chichi jima, Chichijima, Matusushiro Arr, etc.

IS/CJB 21 23:05:29.6-0.7, 27.2N-0.1x143.16E:0.08, h10km, mb3.7/10, Error ellipse: s-maj=15.7km s-min=9.7km az=157.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Chichi jima, Chichijima, Matusushiro Arr, etc.

IS/CJB 21 23:07:38.6-0.9, 27.3N-0.1x143.48E:0.10, h10km, mb3.6/6, Error ellipse: s-maj=18.0km s-min=11.2km az=155.0

1058

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Chichijima, Matusushiro Arr, Warramunga Arr, etc.

IDC 21 23:09:04.9-1.0, 27.07N-143.90E, h0km, mb3.7/6, mb1.3/9.7, mb1mx3.8/38, mbmp3.7/77, ML3.7/1, Error ellipse: s-maj=20.7km s-min=20.0km az=95.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Matusushiro Arr, KLR Kul'dur, WRA Warramunga Arr, etc.

MOS 21 23:09:10.7-1.1, 26.93N-143.52E, h11km, mb5.0/44, Error ellipse: s-maj=10.6km s-min=5.6km az=110.4

IDC 21 23:09:10.3-0.4, 26.96N-143.68E, h0km, mb4.5/27, mb1.4/6/32, mb1mx4.6/43, mbmp4.5/32, ML4.0/4, Error ellipse: s-maj=13.1km s-min=11.7km az=67.0

BUI 21 23:09:11.4-1.3, 27.13N-0.04x143.59E:0.03, h9km, mb4.7/91, Error ellipse: s-maj=6.6km s-min=4.8km az=163.8

NEIC 21 23:09:12.2-0.2, 26.93N-143.57E, h10km, mb4.9/29, Error ellipse: s-maj=5.2km s-min=4.9km az=122.0

JMA 21 23:09:15.9-0.2, 27.35N-143.58E, h27km, MB4.6

ISC 21 23:09:15.5-0.6, 27.06N-0.05x143.60E:0.04, h29km, mb3km, h29km, pP-216, 1937/247, mb4.8/92, 11C-10D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Chichi jima, Chichijima, Matusushiro Arr, etc.

IS/CJB 21 23:09:15.5-0.6, 27.06N-0.05x143.60E:0.04, h29km, mb3km, h29km, pP-216, 1937/247, mb4.8/92, 11C-10D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and ISC. Lists various stations like Chichi jima, Chichijima, Matusushiro Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN Xi'an, LBMI Labuha, GYA Guiyang, SANI Sanana, MRSI Marisa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, MNSI Mandailing Nat, ZALV Zalesovo Beam, GSI Gunungsitoli, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPSR comp=E,10.0nm,2.2s, OBN Obninsk, J08A Circle Bar, etc.

21d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CLL, GRES, TXAR, TXAR, TORO, TORO, LPAZ, LPAZ, PLCA, PLCA.

IDC 21 23:10:53.2, 2.26788N, 143.29E, h0km, mb4.0/6, mb1 4.1/7, mb1mx3.8/4.1, mbtmp3.0/7, ML2.6/1, Error ellipse: s-maj=129.1km s-min=22.3km az=80.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, USRK, KLR, WRA, ZALV, ASAR, MKAR, FINES.

IDC 21 23:15:01.5, 1.2676N, 0.14378E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.6/4.3, mbtmp3.7/8, ML3.2/2, Error ellipse: s-maj=26.9km s-min=23.2km az=46.0

IDC 21 23:15:03.6, 1.2677N, 0.14367E, h0km, n9, c0599/10, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, CJJ, MJAR, KLR, SONM, WRA, MKAR, KURBB, ILAR.

IDC 21 23:17:33.7, 0.9270N, 0.14373E, h0km, mb3.6/6, Error ellipse: s-maj=16.3km s-min=11.7km az=1.4

IDC 21 23:17:34.5, 1.12679N, 143.61E, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.5/4.5, mbtmp3.5/7, ML3.7/1, Error ellipse: s-maj=23.8km s-min=16.3km az=163.0

IDC 21 23:17:35.9, 1.2700N, 0.14362E, h0km, n8, c054/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, CJJ, MJAR, WRA, ASAR, MKAR, KURBB, ILAR, YKA.

IDC 21 23:19:38.2, 1.26355N, 142.99E, h0km, mb3.6/7, mb1 3.8/6, mb1mx3.5/4.5, mbtmp3.6/8, ML3.7/1, Error ellipse: s-maj=42.3km s-min=21.2km az=84.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR, KLR, WRA, ASAR, ZALV, MKAR, KURBB, ILAR.

DDA 21 23:19:52.2, 40.24N, 17.13E, h7km, Md2.4, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SART, SART.

IDC 21 23:22:01.9, 0.72693N, 0.0914377E, h0km, mb3.7/12, Error ellipse: s-maj=12.7km s-min=10.5km az=16.6

IDC 21 23:22:02.5, 0.82694N, 143.68E, h0km, mb3.7/12, mb1 3.9/15, mb1mx3.7/4.7, mbtmp3.7/15, ML3.4/3, Error ellipse: s-maj=21.1km s-min=16.2km az=76.0

IDC 21 23:22:04.0, 0.8270N, 0.14365E, h0km, n16, c0569/18, mb3.7/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, CJJ, MJAR, KSRS.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include USRK, KLR, SONM, CMAR, WRA, ZALV, ZALV, ASAR, MKAR, KURBB, ILAR, YKA, FINES.

IDC 21 23:22:50.6, 0.8270N, 0.0914377E, h0km, mb3.8/12, Error ellipse: s-maj=13.7km s-min=11.4km az=162.0

IDC 21 23:22:51.4, 1.02703N, 143.29E, h0km, mb3.8/12, mb1 3.9/14, mb1mx3.7/4.6, mbtmp3.8/14, ML3.1/2, Error ellipse: s-maj=20.5km s-min=19.4km az=66.0

IDC 21 23:22:52.8, 1.0271N, 0.14330E, h10km, n16, c0565/17, mb3.7/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, CJJ, MJAR, USRK, KLR, SONM, CMAR, WRA, ZALV, ASAR, MKAR, KURBB, ILAR, BVAR, AKTO, FINES, LPAZ.

IDC 21 23:29:09.3, 0.52680N, 0.0614364E, h0km, mb4.0/24, Error ellipse: s-maj=9.5km s-min=7.5km az=25.9

IDC 21 23:29:09.1, 0.62680N, 143.72E, h0km, mb4.0/21, mb1 4.1/24, mb1mx4.0/5.4, mbtmp4.0/24, ML3.6/3, Error ellipse: s-maj=19.3km s-min=14.0km az=80.0

NEIC 21 23:29:10.7, 0.32681N, 143.72E, h10km, mb4.7/4, Error ellipse: s-maj=8.4km s-min=6.1km az=74.0

IDC 21 23:29:11.0, 0.62682N, 0.1014360E, h0km, n41, c081/45, mb4.1/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJJ, CJJ, CJJ, MJAR, MAT, KSRS, KSRB, USRK, SSSL, KLR, SONM, CMAR, WRA, WRA, FITZ, TAPN, ODAN, RAMM, ZALV, ZALV, JIRN, GUN, ASAR, DMN, MKAR, MKAR, KOLN, KOLN, STKA, BVAR, KKAR, ARU, ABKAR, AKTO, AKTO, YKA, ARCES, FINES, KBZ.

1060

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVAR, AKASO, BRTR, TORO, LPAZ.

IDC 21 23:31:56.8, 1.32629N, 144.04E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/5.1, mbtmp3.6/6, ML3.6/1, Error ellipse: s-maj=47.6km s-min=21.7km az=78.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, MJAR, SONM, WRA, ASAR, MKAR, KURBB, YKA.

IDC 21 23:35:20.9, 1.42677N, 0.214364E, h0km, mb3.7/11, Error ellipse: s-maj=30.7km s-min=11.5km az=0.4

IDC 21 23:35:21.6, 1.92676N, 143.53E, h0km, mb3.7/11, mb1 3.8/13, mb1mx3.7/5.2, mbtmp3.7/11, ML3.7/2, Error ellipse: s-maj=45.5km s-min=21.7km az=175.0

IDC 21 23:35:23.1, 1.52680N, 0.214352E, h10km, n14, c055/16, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CJJ, CJJ, MJAR, KSRS, KLR, SONM, CMAR, ZALV, MKAR, KURBB, ILAR, BVAR, YKA, AKASO.

IDC 21 23:37:05.2, 0.4645S, 0.0414886E, h0km, mb4.9/15, mb4.9/21, MS4.1/2, Error ellipse: s-maj=9.5km s-min=5.3km az=24.5

NEIC 21 23:37:07.5, 0.86749S, 148.85E, h59km, mb4.9/15, Error ellipse: s-maj=8.7km s-min=5.8km az=122.0

AUST 21 23:37:08.0, 0.5668S, 148.93E, h45km, Error ellipse: s-maj=1.4km s-min=0.9km az=309.0

DJA 21 23:37:08.0, 0.575S, 148.85E, h70km, mb4.2/9, mb4.8/12, mb5.5/MLV5.1, Mw(m)/4.9/5

IDC 21 23:37:08.9, 1.9657S, 148.85E, h70km, mb4.2/9, mb1 4.4/12, mb1mx4.0/4.9, mbtmp4.5/12, MS4.1/4, Ms1.4/1.4, ms1mx3.5/3.7, Error ellipse: s-maj=20.7km s-min=10.5km az=122.0

IDC 21 23:37:07.0, 0.5647S, 0.0614884E, h53km, n72, c1522/77, mb4.8/21, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG, PMG, PMG, PMG, RABL, RABL, COEN, COEN, COEN, MTSU, CTAO, PATS, QIS, KDU, EIDS, EIDS, WRAB, WRAB, WC3, WB2, WR1, WR1, WRA, WRA, RMQ, QLP, KNRA, AS01, AS31, AS31, ASAR, ASAR.

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

ISCJB 21 23:38:44.3±1.0, 26.55N, 0.2±143.6E, 0.2, h10km, mb3.9/8, Error ellipse: s-maj=24.5km s-min=20.1km az=29.1

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

NIED 21 23:38:00.27±0.20N, 143.70E, h5km, Mw5.1 Best double couple: M4, 49000, 1016, NP1, 313, 00000, 840, 00000

BUI 21 23:38:48.8, 26.56N, 143.69E, h5km, mb4.7/60, mB5.3/52, Ms4.9/54, Ms7.4/6/51

ISCJB 21 23:38:53.1±0.1, 26.95N, 0.03±143.44E, 0.02, h10km, mb5.0/144, MS4.7/4, Error ellipse: s-maj=4.1km s-min=2.7km az=173.1

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

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JNY, JRY, JAG, etc.

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

FINES	comp=Z,3.0nm,0.4s	78.67	334	P	P	23 50 55.4	-0.9
ZEI	FINES Array B	78.78	312	eP	P	23 50 54.1	-3.5
MSEI	comp=Z,50nm,1.4s						
ZEO	Missoula	78.85	43	P	P	23 50 57.1	-0.7
MSO	Missoula	78.85	43	eP	P	23 50 58.7	+0.9
KBZ	comp=Z,102nm,2.7s	79.03	313	P	P	23 50 58.3	-0.3
KBZ	comp=Z,12nm,1.0s,baz=68,slow=3.6,SNR=14	79.03	313	P	P	23 50 58.3	-0.3
KBZ	comp=Z,12nm,1.0s	79.03	313	eP	P	23 50 58.3	-0.3
KBZ	comp=Z,16nm,1.1s	79.03	314	eP	P	23 50 59.6	+0.6
KIV	comp=Z,196nm,18.0s	79.06	314	eP	P	00 00 59.2	+0.9
KIV	comp=Z,25nm,1.1s	79.06	314	eP	P	23 51 01.8	+2.8
ONI	79.17 312	P	P	23 50 59.5	-0.1		
ONI	79.17 312	P	P	23 50 59.5	-0.1		
ONF	79.21 47	eP	P	23 51 00.5	+0.7		
CHMT	Chamberlain M	79.23	43	eP	P	23 51 00.8	+0.7
NEY	Neyrino	79.35	313	eP	P	23 51 03.2	+2.5
GNI	comp=Z,4.0nm,1.5s	79.38	310	eP	P	23 51 02.5	+1.6
GNI	comp=Z,42nm,1.6s	79.38	310	eP	P	23 51 02.5	+1.6
GNI	comp=Z,42nm,1.6s	79.38	310	eP	P	23 51 02.5	+1.6
NV01	Mina Array Sit	79.73	52	eP	P	23 51 02.2	-0.7
NVAR	Mina Array Bea	79.73	52	eP	P	23 51 02.3	-0.7
NVAR	comp=Z,2.0nm,0.8s,baz=294,slow=5.0,SNR=18	79.73	52	eP	P	23 51 02.3	-0.7
NVAR	Mina Array Bea	79.73	52	eP	P	23 51 02.3	-0.7
HLID	Hailey	80.06	46	eP	P	23 51 05.2	+0.6
HLID	comp=Z,9.8nm,1.3s	80.06	46	eP	P	23 51 05.2	+0.6
VSU	Vasula	80.16	332	eP	P	23 51 06.6	+2.1
VSU	comp=Z,51nm,1.0s	80.23	44	eP	P	23 51 05.1	-0.4
LRM	comp=Z,196nm,18.0s	80.31	55	eP	P	23 51 07.3	+1.2
DLMT	Dillon	80.36	44	eP	P	23 51 11.8	+1.0
WASM	Alta Sierra Ca	80.74	55	eP	P	23 51 12.4	+4.0
EGMT	Eagleton	80.77	41	eP	P	23 51 08.1	-0.1
EGMT	Eagleton	80.77	41	eP	P	23 51 09.5	+1.3
ELK	Elko	80.81	49	eP	P	23 51 09.2	+0.5
ELK	Summit	80.81	49	eP	P	23 51 09.2	+0.5
SUMG	Summit	80.82	1	iP	P	23 51 09.3	+1.0
SUMG	comp=Z,157nm,2.3s	80.82	1	iP	P	23 51 09.3	+1.0
SUMG	Summit	80.82	1	iP	P	23 51 09.3	+1.0
BOZ	Bozeman (W)	80.82	43	eP	P	23 51 08.2	-0.4
BOZ	Bozeman (W)	80.82	43	eP	P	23 51 08.2	-0.4
BOZ	Bozeman (W)	80.82	43	eP	P	23 51 08.2	-0.4
BOZ	Bozeman (W)	80.82	43	eP	P	23 51 08.2	-0.4
DAC	Darwin (Calif)	81.20	54	eP	P	23 51 11.8	+1.0
DAC	Darwin (Calif)	81.20	54	eP	P	23 51 11.8	+1.0
FFC	Flin Flon	81.32	44	eP	P	23 51 09.7	-1.1
FFC	Flin Flon	81.32	44	eP	P	23 51 09.7	-1.1
QLMT	Earthquake Lak	81.34	44	eP	P	23 51 12.3	+0.9
MPMC	Manual Prospe	81.37	54	eP	P	23 51 10.7	-1.0
LRM	Laurel Mountai	81.59	55	eP	P	23 51 11.3	-0.9
EDW2	Edwards Air Fo	81.53	55	eP	P	23 51 11.6	-0.9
FURC	Furnace Creek,	81.64	53	eP	P	23 51 12.2	-0.6
R11A	Troy Canyon, C	81.68	51	eP	P	23 51 12.2	-1.2
TBI	Tubuoi	81.77	121	eLR	LR	00 16 26.2	
YNR	Norris Junction	81.86	44	eP	P	23 51 16.8	+2.5
YFT	Old Faithful	81.90	44	eP	P	23 51 17.8	+3.3
GCMT	Greycliff	81.94	43	eP	P	23 51 15.9	+1.4
HVU	Hansel Valley	81.96	47	eP	P	23 51 15.5	+0.8
HVU	Hansel Valley	81.96	47	eP	P	23 51 15.5	+0.8
H17A	Grant Village	82.09	44	eP	P	23 51 15.5	0.0
IMW	Indian Meadow	82.11	44	eP	P	23 51 15.9	+0.3
LKWY	Lake	82.11	44	eP	P	23 51 17.3	+1.7
LKWY	Lake	82.11	44	eP	P	23 51 17.2	+1.7
FLWY	Flagg Ranch	82.17	44	eP	P	23 51 16.2	+0.4
BGU	Big Grassy Mou	82.20	48	eP	P	23 51 17.4	+1.4
GSC	Goldstone	82.21	54	eP	P	23 51 16.1	+0.1
GSC	Goldstone	82.21	54	eP	P	23 51 15.4	-0.7
GSC	Goldstone	82.21	54	eP	P	23 51 16.1	+0.1
NACGM	Naroch	82.25	329	e	P	23 51 17.0	+1.3
FCC	Fort Churchill	82.30	26	eP	P	23 51 16.6	+0.7
FCC	Fort Churchill	82.30	26	eP	P	23 51 16.6	+0.7
MOCW	Moose Ponds	82.36	45	eP	P	23 51 17.4	+0.9
REDW	Red Top Meadow	82.43	45	eP	P	23 51 18.9	+1.7
RLMT	Red Lodge	82.53	43	eP	P	23 51 16.0	-1.7
RLMT	Red Lodge	82.53	43	eP	P	23 51 17.4	+0.3
AHID	Auburn Hatcher	82.70	56	eP	P	23 51 14.6	+1.6
MURC	Murrieta	82.70	56	eP	P	23 51 17.9	-0.6
DUG	Dugway	82.70	49	eP	P	23 51 17.8	-0.8
DUG	Dugway	82.70	49	eP	P	23 51 17.9	-0.8
DUG	Dugway	82.70	49	eP	P	23 51 17.8	-0.8
HEC	Hector,Ludlow	82.77	55	eP	P	23 51 17.8	-1.2
TUQ	Turquoise Moun	82.79	54	eP	P	23 51 18.4	-0.8
SHPR	Sheep Range	82.84	53	eP	P	23 51 19.9	+0.6
HWUT	Hardware Ranch	82.84	47	eP	P	23 51 18.5	-0.9
CTU	Camp Tracy	83.17	48	eP	P	23 51 21.8	+0.7
PFO	Pinyon Flat Ob	83.25	56	eP	P	23 51 20.7	-0.8
NLU	North Lily Min	83.31	49	eP	P	23 51 22.2	+0.3
BELC	Belle Mtn. Jos	83.40	55	eP	P	23 51 21.4	-0.9
AKASG	Malin Array Be	83.50	324	P	P	23 51 20.1	-2.1
AKASG	comp=Z,1.1nm,0.4s,baz=45,slow=5.4,SNR=19	83.50	324	iP	P	23 51 20.1	-2.1
AKASG	Malin Array Be	83.50	324	iP	P	23 51 20.1	-2.1
AKASG	comp=Z,3.0nm,0.5s	83.50	324	eP	P	23 51 20.1	-2.1
AKASG	Malin Array Be	83.51	324	eP	P	23 51 21.1	-1.2
KIEV	comp=Z,14nm,1.1s	83.51	324	eP	P	23 51 20.8	-1.5
KIEV	Kiev	83.52	41	eP	P	23 51 22.1	-0.5
LAO	LASA Array	83.52	41	eP	P	23 51 22.1	-0.5
LAO	LASA Array	83.52	41	eP	P	23 51 22.1	-0.5
BW06	Boulder Array	83.55	45	eP	P	23 51 23.3	+0.3
PDAR	Pinedale Array	83.55	45	eP	P	23 51 20.1	-3.0
PDAR	comp=Z,24nm,1.6s,baz=99,slow=1.5,SNR=16	83.55	45	eP	P	23 51 20.1	-3.0
PDAR	Pinedale Array	83.55	45	eP	P	23 51 20.1	-3.0
CCUT	Cedar City	83.60	51	eP	P	23 51 24.8	+1.4
MONP	Monument Peak	83.61	56	eP	P	23 51 22.5	-1.0
DGMT	comp=Z,84	83.69	38	eP	P	23 51 23.2	-0.2
DGMT	Dagmar	83.69	38	eP	P	23 51 23.2	-0.2
SIM	Simferopol'	83.92	318	eP	P	23 51 26.8	+2.2
SIM	comp=Z,16nm,0.8s	83.95	55	eP	P	23 51 24.5	-0.5
IRH	Iron Mountain	83.95	55	eP	P	23 51 24.5	-0.5
BC3	Big Chucakawall	84.02	37	eP	P	23 51 23.9	-1.2
A25A	Svangstu Ranch	84.02	37	eP	P	23 51 24.8	-0.3
TMUT	Trail Mountain	84.22	49	eP	P	23 51 27.0	+0.4
NB2	NORSAR Subarra	84.26	339	P	P	23 51 25.0	-1.0
NB2	comp=Z,2.7nm,0.6s,baz=44,slow=5.1	84.26	339	P	P	23 51 25.0	-1.0
NOA	NORSAR Array B	84.26	339	P	P	23 51 25.1	-1.0
NOA	comp=Z,6.7nm,1.0s,baz=41,slow=5.0,SNR=9.5	84.26	339	P	P	23 51 25.1	-1.0
NOA	NORSAR Array B	84.26	339	P	P	23 51 25.1	-1.0
NOA	comp=Z,7.0nm,1.0s	84.26	339	P	P	23 51 25.1	-1.0
NOA	Butcher Ranch,	84.44	48	eP	P	23 51 28.9	+1.3
MALT	Malatya	84.57	310	iP	P	23 51 29.5	+1.4
MALT	Malatya	84.57	310	iP	P	23 51 29.5	+1.4
Y12C	Y12C	84.60	55	eP	P	23 51 27.8	-0.5
A26A	Wade Farm, Ken	84.63	37	eP	P	23 51 27.6	-0.6
SRU	San Rafael	84.77	49	eP	P	23 51 29.3	0.0
SRU	San Rafael	84.77	49	eP	P	23 51 29.3	0.0
K22A	Casper	85.51	44	eP	P	23 51 32.4	-0.4
A28A	Rude Farm, Bot	85.57	36	eP	P	23 51 32.7	-0.2
C27A	Saylor Ranch,	85.61	38	eP	P	23 51 33.0	-0.1
O20A	White River, Ci	85.75	47	eP	P	23 51 33.7	-0.5
B28A	Dugan Ranch, T	85.79	37	eP	P	23 51 32.9	-1.1
E26A	Carlson Angus	85.79	39	eP	P	23 51 34.2	+0.1
SFJD	Kangerlussuaq	85.83	6	eP	P	23 51 35.7	+2.0
SFJD	comp=Z,45nm,1.1s	85.83	6	iP	P	23 51 35.7	+2.0
SFJD	Kangerlussuaq	85.83	6	iP	P	23 51 35.7	+2.0
SFJD	comp=Z,45nm,1.1s	85.83	6	eP	P	23 51 36.0	+2.3
SFJD	Kangerlussuaq	85.83	6	eP	P	23 51 36.0	+2.3
D27A	Center	85.95	38	eP	P	23 51 34.7	-0.1
WUAZ	Wupatki	86.00	52	eP	P	23 51 34.8	-0.6
WUAZ	Wupatki	86.00	52	eP	P	23 51 36.9	+1.4
PV09	Paradox Valley	86.02	49	eP	P	23 51 36.9	+1.2
F26A	Lodgepole	86.03	40	eP	P	23 51 35.0	-0.3
A29A	Manning Farm,	86.11	36	eP	P	23 51 35.3	-0.2
H25A	Fruitdale	86.19	41	eP	P	23 51 35.4	-0.7
RSSD	Black Hills	86.22	42	eP	P	23 51 37.2	+0.8
RSSD	Black Hills	86.22	42	eP	P	23 51 37.2	+0.8
RAYN	Ar Rayn	86.32	294	P	P	23 51 36.0	-1.1
B29A	Wagenman Farm,	86.32	36	eP	P	23 51 36.5	-0.1
F27A	Lemmon	86.39	40	eP	P	23 51 36.7	-0.3
G26A	Maurine	86.39	40	eP	P	23 51 36.6	-0.5
I25A	Rochoford	86.45	42	eP	P	23 51 36.8	-0.7
MDND	Maddock	86.56	37	eP	P		

21d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSR, BLMT, VORD, JETTE, YBMT, SWMT, GOF, FINES, MSO, NCK, ZEI, MFID, KBZ, KIV, KIV, ONI, NEY, GNI, BMN, BMN, NV01, NVAR, HLID, LRM, VES, VSU, VSU, DLMT, EGMT, EGMT, ELK, ELK, BOZ, BOZ, BOZ, BOZ, SUMG, SUMG, SUMG, DAC, DAC, FFC, FFC, FFC, QLMT, PLMPC, LRM, EDW2, R1UC, FURCA, TPNV, YFT, YFT, HVU, HVU, IMW, LKWW, LKWW, FLWY, BGU, GSC, GSC, GSC, MOOV, NACGM, NACGM, REDW, SCO, SCO, RLMT, RLMT, AHID, DUG, DUG, DUG.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like DUG, TUQ, HWUT, SHPR, LAO, LAO, BW06, PDAR, CCUT, AKASG, AKASG, KIEV, KIEV, AK11, IRM, SIM, SIM, SIM, SIM, NB2, NOA, NOA, P17A, NB00, Y12C, C25A, SRU, SRU, MALT, MALT, K22A, A28A, O20A, B28A, E26A, SFJD, SFJD, SFJD, SFJD, WUAZ, WUAZ, PV09, A29A, PV10, H25A, RSSD, RSSD, RSSD, E27A, G26A, I25A, RAYN, H26A, G27A, 214A, J25A, B30A, PHWY, I26A, ULM, ULM, ULM, H27A, SMC0, MVCO, BRTR, BRTR, BRTR, J26A, C30A, I27A, D30A, G28A, CFR, CFR, TESR, A32A, C31A, BURAR, BURAR, BURAR, ISCO, ISCO, KWP, KWP, BR231, E30A, TIRR, TIRR, B32A, VRI.

1066

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI, TLB, J27A, PLOR, PLOR, I28A, D31A, A33A, AGMN, AGMN, KOLS, KOLS, KOLS, MSAB, STHS, STHS, MLR, MLR, DOPR, OJC, OJC, B34A, J29A, SULR, VOIR, VOIR, B35A, ARR, D34A, DRGR, DRGR, L29A, LANS, LANS, F33A, C35A, OKC, OKC, OKC, ANMO, ANMO, G33A, MORC, MORC, H33A, KRLC, DPC, DPC, DPC, UPC, UPC, EROS, VRAC, VRAC, BZS, BZS, BRG, BRG, BRG, CLL, CLL, CLL, SMOL, SMOL, F36A, H35A, GOPC, GOPC, PRU, PRU, TREC, TREC, P31A, SPMN, PKSM, PKSM, CONA, MNXT, MNXT, MNXT, KHC, KHC, KHC, GERES, GERES, GERES, GRFO, GRFO, GRFO, AMTX, AMTX, K37A, V30A, P34A, J38A, R33A, Q34A, KSU1, R34A, M38A.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Q35A Mercer Eighty, W32A Sentinel, Y31A Rekieta Farm, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TIXI Tiksi, TIXI Tiksi, WRAB Tennant Creek, etc.

ISCJB 21 23:51:31.0±0.8, 27.0N±0.1, 143.89E±0.08, h10km, mb3.7/8, Error ellipse: s-maj=15.4km s-min=10.3km az=171.9

IDC 21 23:51:31.3±0.9, 27.01N±143.96E, h0km, mb3.7/8, mb1.3/9.9, mb1mx3.7/39, mbtmp3.7/9, ML3.8/1, Error ellipse: s-maj=25.9km s-min=21.1km az=117.0

ISC 21 23:51:32.9±0.9, 27.0N±0.1, 143.84E±0.10, h10km, n10, ±0.92/12, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

ISCJB 21 23:53:11.0±0.7, 27.07N±0.10, 143.71E±0.08, h10km, mb3.7/10, Error ellipse: s-maj=13.9km s-min=10.2km az=174.5

IDC 21 23:53:11.3±0.9, 27.00N±143.64E, h0km, mb3.7/10, mb1.3/9.13, mb1mx3.8/42, mbtmp3.7/13, ML3.5/3, Error ellipse: s-maj=18.9km s-min=18.1km az=170.0

ISC 21 23:53:12.9±0.9, 27.1N±0.1, 143.82E±0.08, h10km, n14, ±0.75/15, mb3.7/10, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

NIED 21 23:56:00.27±20N, 143.60E, h5km, Mw4.9. Best double couple: M=2.44000±0.1016, N1=2.28700000±0.8700000, T=1.2400000, NP2=0.730000±0.8400000, 1.8600000.

IDC 21 23:56:06.4±0.5, 26.91N±143.42E, h0km, mb4.3/23, mb1.4/5.26, mb1mx4.4/43, mbtmp4.3/26, ML3.7/3, Error ellipse: s-maj=19.9km s-min=13.3km az=47.0

BJI 21 23:56:07.5±26.98N, 143.11E, h5km, mb4.6/43, mb5.1/28, Ms4.7/18, Ms7.4/5/18

MOS 21 23:56:07.2±1.26±87N, 143.21E, h12km, mb4.8/34, Error ellipse: s-maj=12.7km s-min=6.2km az=113.8

JMA 21 23:56:08.7±0.1, 27.15N±143.57E, h36km, M4.4

NEIC 21 23:56:09.0±0.3, 26.89N±143.25E, h10km, mb4.9/49, Mw4.9(NIED), Error ellipse: s-maj=7.7km s-min=6.5km az=168.0

ISCJB 21 23:56:10.9±0.2, 26.93N±0.04, 143.24E±0.04, h33km, mb4.7/75, Error ellipse: s-maj=6.2km s-min=4.9km az=173.1

ISC 21 23:56:12.9±0.9, 27.0N±0.1, 143.84E±0.10, h10km, n10, ±0.92/12, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

ISCJB 21 23:53:11.0±0.7, 27.07N±0.10, 143.71E±0.08, h10km, mb3.7/10, Error ellipse: s-maj=13.9km s-min=10.2km az=174.5

IDC 21 23:53:11.3±0.9, 27.00N±143.64E, h0km, mb3.7/10, mb1.3/9.13, mb1mx3.8/42, mbtmp3.7/13, ML3.5/3, Error ellipse: s-maj=18.9km s-min=18.1km az=170.0

ISC 21 23:53:12.9±0.9, 27.1N±0.1, 143.82E±0.08, h10km, n14, ±0.75/15, mb3.7/10, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

NIED 21 23:56:00.27±20N, 143.60E, h5km, Mw4.9. Best double couple: M=2.44000±0.1016, N1=2.28700000±0.8700000, T=1.2400000, NP2=0.730000±0.8400000, 1.8600000.

IDC 21 23:56:06.4±0.5, 26.91N±143.42E, h0km, mb4.3/23, mb1.4/5.26, mb1mx4.4/43, mbtmp4.3/26, ML3.7/3, Error ellipse: s-maj=19.9km s-min=13.3km az=47.0

BJI 21 23:56:07.5±26.98N, 143.11E, h5km, mb4.6/43, mb5.1/28, Ms4.7/18, Ms7.4/5/18

MOS 21 23:56:07.2±1.26±87N, 143.21E, h12km, mb4.8/34, Error ellipse: s-maj=12.7km s-min=6.2km az=113.8

JMA 21 23:56:08.7±0.1, 27.15N±143.57E, h36km, M4.4

NEIC 21 23:56:09.0±0.3, 26.89N±143.25E, h10km, mb4.9/49, Mw4.9(NIED), Error ellipse: s-maj=7.7km s-min=6.5km az=168.0

ISCJB 21 23:56:10.9±0.2, 26.93N±0.04, 143.24E±0.04, h33km, mb4.7/75, Error ellipse: s-maj=6.2km s-min=4.9km az=173.1

ISC 21 23:56:12.9±0.9, 27.0N±0.1, 143.84E±0.10, h10km, n10, ±0.92/12, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

ISCJB 21 23:53:11.0±0.7, 27.07N±0.10, 143.71E±0.08, h10km, mb3.7/10, Error ellipse: s-maj=13.9km s-min=10.2km az=174.5

IDC 21 23:53:11.3±0.9, 27.00N±143.64E, h0km, mb3.7/10, mb1.3/9.13, mb1mx3.8/42, mbtmp3.7/13, ML3.5/3, Error ellipse: s-maj=18.9km s-min=18.1km az=170.0

ISC 21 23:53:12.9±0.9, 27.1N±0.1, 143.82E±0.08, h10km, n14, ±0.75/15, mb3.7/10, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

NIED 21 23:56:00.27±20N, 143.60E, h5km, Mw4.9. Best double couple: M=2.44000±0.1016, N1=2.28700000±0.8700000, T=1.2400000, NP2=0.730000±0.8400000, 1.8600000.

IDC 21 23:56:06.4±0.5, 26.91N±143.42E, h0km, mb4.3/23, mb1.4/5.26, mb1mx4.4/43, mbtmp4.3/26, ML3.7/3, Error ellipse: s-maj=19.9km s-min=13.3km az=47.0

BJI 21 23:56:07.5±26.98N, 143.11E, h5km, mb4.6/43, mb5.1/28, Ms4.7/18, Ms7.4/5/18

MOS 21 23:56:07.2±1.26±87N, 143.21E, h12km, mb4.8/34, Error ellipse: s-maj=12.7km s-min=6.2km az=113.8

JMA 21 23:56:08.7±0.1, 27.15N±143.57E, h36km, M4.4

NEIC 21 23:56:09.0±0.3, 26.89N±143.25E, h10km, mb4.9/49, Mw4.9(NIED), Error ellipse: s-maj=7.7km s-min=6.5km az=168.0

ISCJB 21 23:56:10.9±0.2, 26.93N±0.04, 143.24E±0.04, h33km, mb4.7/75, Error ellipse: s-maj=6.2km s-min=4.9km az=173.1

21d 23h

Table with columns: YKA, comp, Z, 4, 0nm, 1.1s, 71.73, 29, eP, P, 00 07 30.4 -0.7, etc. Lists various stations and their frequencies.

2010 DEC

Table with columns: LPAZ, La Paz, 148.91, 76, PKP2, PKPdf, 00 15 56.2 +1.7, etc. Lists stations and their frequencies.

1068

Table with columns: LZH, comp, Z, 120nm, 4.7s, LN, 34.91, 286, iP, pP, 00 06 29.8 -0.6, etc. Lists stations and their frequencies.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, Daman, Koldana, Kodiak Island, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LPSR, J08A, J08B, J08C, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like STHS, CLL, MNTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BMAS Triglat station, ULBA Ulba, RETU Refugio, BULB Ulba Tunguruahu, etc.

IDC 22:00:08:37.5:46.0, 16:40S:175:14W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/39, mbtmp4.0/3, Error ellipse: s-maj=879.2km s-min=173.6km az=79.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 22:00:09:17.7:1.4, 26:80N:143:82E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/39, mbtmp3.5/5, Error ellipse: s-maj=34.8km s-min=25.5km az=65.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, YKA Yellowknife Arr, etc.

ISCJB 22:00:09:46.2:0.4, 26:86N:0:06:143:94E:0:05, h10km, mb4.3/26, Error ellipse: s-maj=9.1km s-min=6.9km az=2.7

IDC 22:00:06:0:5, 26:80N:143:97E, h0km, mb4.2/19, mb1 4.2/23, mb1mx3.7/41, mbtmp4.2/23, ML3.9/3, Error ellipse: s-maj=16.3km s-min=14.2km az=78.0

NEIC 22:00:09:47.6:0.3, 26:83N:143:96E, h10km, mb4.6/7, Error ellipse: s-maj=9.9km s-min=7.6km az=73.0

ISC 22:00:09:47.8:0.6, 26:90N:0:08:143:89E:0:07, h10km, n46, s105/53, mb4.3/26, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBJU Chichi jima, CJJ Chichijima, MJAR Matsushiro Arr, MAT Matsushiro, KSRK Korea Array, ASAR Alice Springs, USRK Ussuriysk Arr, SONM Songoing Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, TAPN Tapejlung, ODAN Odare, ZALV Zalevo Beam, RAMN Ramite, GUN Gumba, ASAR Alice Springs, ASAR Alice Springs, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, MKAR Makanchi Arr, MKAR Makanchi Arr, DMLN Daman, DMLN Koldanda, TKM2 Tokmak 2, ILAR Eielson Array, EK52 Erkin-Say, STKA Stephens Creek, KKAR Karatay Arr, INK Inuvik, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include YKA Yellowknife Arr, FINES FINES Array B, KXAB Khabaz, NVAR Mina Array Bea, PDAR Pinedale Array, AKASO Malin Array Bea, NVAR Mina Array Bea, TXAR Lajitas Arr, TORD Torodi Arr, PLCA Paso Flores, LPAZ La Paz, etc.

IDC 22:00:11:29.5:0.9, 26:75N:144:01E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.8/36, mbtmp3.7/9, MS3.6/1, Ms1 3.6/1, Error ellipse: s-maj=31.5km s-min=25.0km az=100.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SONM Songoing Array, HNR Hontarri Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, INK Inuvik, YKA Yellowknife Arr, KBZ Khabaz, NVAR Mina Array Bea, PDAR Pinedale Array, etc.

ISCJB 22:00:16:37.0:0.7, 27:35N:0:10:143:57E:0:09, h10km, mb3.6/12, Error ellipse: s-maj=14.8km s-min=9.9km az=151.1

IDC 22:00:16:37.0:0.8, 27:32N:143:65E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.7/41, mbtmp3.7/13, ML3.5/1, Error ellipse: s-maj=19.5km s-min=17.8km az=121.0

ISC 22:00:16:38.6:0.9, 27:30N:0:11:143:56E:0:09, h10km, n15, s091/16, mb3.6/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, KLR Kuldur, SONM Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, ZALV Zalevo Beam, MKAR Makanchi Arr, ASAR Alice Springs, KURBB Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINES Array B, NVAR Mina Array Bea, LPAZ La Paz, etc.

IDC 22:00:19:13.3:0.5, 27:14N:143:25E, h0km, mb4.2/25, mb1 4.4/28, mb1mx4.3/44, mbtmp4.2/28, ML3.7/3, Error ellipse: s-maj=13.5km s-min=12.2km az=70.0

NEIC 22:00:19:14.8:0.3, 27:16N:143:25E, h10km, mb4.9/7, Error ellipse: s-maj=7.4km s-min=5.7km az=70.0

ISCJB 22:00:19:17.6:0.5, 27:44N:0:04:143:20E:0:06, h32km, mb4.5/41, Error ellipse: s-maj=8.4km s-min=4.9km

JMA 22:00:19:17.8:0.1, 27:33N:143:25E, h32km, M4.5

ISC 22:00:19:18.4:0.5, 27:29N:0:06:143:24E:0:06, h32km, n68, s106/72, mb4.4/41, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBJU Chichi jima, CBJJ Chichijima, CJJ Chichijima, JCJ Chichijima, JCHJ Haha-jima-NKT, JHJU Hachijojimakas, JHY Ryogami san, MJAR Matsushiro Arr, KSRK Korea Array, KSAR Wonju Arr, USRK Ussuriysk Arr, MDJ Mujiangiang, HIA Hainan, SONM Songoing Array, NLN Son La, SONG Nongkai, TLY Talaya, CRAI Chirai, LOEI Loei, UTTA Utau, PBKT Sadao Pong, SRAK Srakaw, NAYO Nakonayok, CMMT Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, CRAI Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, TAPN Tapejlung, MDSI Maura Du, ODAN Odare, MNSI Ming Nat, ZALV Zalevo Beam, RAMN Ramite, GUN Gumba, GSI Gungungstoli, PKIN Pulchoki, MKAR Makanchi Arr, DMN Daman, ASAR Alice Springs, ASAR Alice Springs, ILAR Eielson Array, BVAR Borovoye Arr, STKA Stephens Creek, KKAR Karatay Arr, INK Inuvik, ARU Aru, ABKAR Akbulak array, GEYT Alibec, YKA Yellowknife Arr, ARCES ARCESS Array B, FINES FINES Array B, KBZ Khabaz, NVAR Mina Array Bea, AKASO Malin Array Bea, PDAR Pinedale Array, NVAR Mina Array Bea, BRTR Kurchatov Arr, GERES GERES Array B, TXRD Torodi Arr, PTGA Pitanga, PLCA Paso Flores, etc.

ISCJB 22:00:21:28.5:0.8, 27:03N:0:09:143:59E:0:07, h10km, mb4.1/12, MS4.0/1, Error ellipse: s-maj=12.8km s-min=9.4km az=176.3

IDC 22:00:21:28.2:1.4, 26:97N:143:65E, h0km, mb4.0/10, mb1 4.0/21, mb1mx3.9/35, mbtmp4.0/13, ML3.7/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/48, Error ellipse: s-maj=35.0km s-min=23.4km az=81.0

NEIC 22:00:21:30.1:0.8, 27:03N:143:61E, h10km, mb4.4/2, Error ellipse: s-maj=20.7km s-min=11.3km az=76.0

ISC 22:00:21:30.3:1.0, 27:11N:0:11:143:55E:0:09, h10km, n21, s083/23, mb4.1/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBJU Chichi jima, CBJJ Chichijima, CJJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, MAT Matsushiro, KSRK Korea Array, KSAR Wonju Arr, USRK Ussuriysk Arr, ULN Ulan-Ula, SONM Songoing Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalevo Beam, ZALV Zalevo Beam, MKAR Makanchi Arr, MKAR Kurchatov, KURBB Kurchatov Arr, BVAR Borovoye Arr, AFI Afimn, FINES FINES Array B, KBZ Khabaz, AKASO Malin Array Bea, etc.

NIED 22:00:23:00, 27:20N:143:70E, h5km, Mw4.2 Best double couple: M2.46000x1015 NP1.3010000, s34.00000, lambda-83.00000, NP2.9s112.00000, s56.00000, lambda-7.95.00000

ISCJB 22:00:23:42.6:0.4, 26:83N:0:05:143:74E:0:05, h10km, mb4.1/27, Error ellipse: s-maj=7.7km s-min=6.1km az=177.7

IDC 22:00:23:42.9:0.6, 26:79N:143:70E, h0km, mb4.1/22, mb1 4.2/26, mb1mx4.1/46, mbtmp4.1/26, ML3.8/3, Error ellipse: s-maj=17.3km s-min=13.2km az=76.0

NEIC 22:00:23:44.4:0.3, 26:79N:143:69E, h10km, mb4.6/5, MW4.2(NIED), Error ellipse: s-maj=8.8km s-min=6.8km az=76.0

JMA 22:00:23:46.0:0.2, 27:23N:143:71E, h17km, M4.0

ISC 22:00:23:44.4:0.5, 26:82N:0:07:143:71E:0:05, h10km, n44, s1903/50, mb4.1/27, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JHJU Haha-jima-NKT, JHJU Hachijojimakas, CBJU Chichi jima, CBJJ Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, Chichi jima, JCJ, Chichijima, etc.

ISC/JB 22:00:25.24.7.0.6.26.93N.0.09.143.48E.0.06, h10km, mb3.9/14, Error ellipse: s-maj=13.4km s-min=7.3km az=1.3

IDC 22:00:25.24.9.0.7.26.97N.143.47E, h0km, mb3.8/13, mb1.4/1.13, mb1mx3.9/4.1, mbtmp3.8/13, Error ellipse: s-maj=19.6km s-min=10.4km az=140.0

NEIC 22:00:25.26.5.0.4.26.97N.143.44E, h10km, mb4.2/2, Error ellipse: s-maj=10.5km s-min=9.9km az=88.0

ISC 22:00:25.26.1.0.8.27.0N.0.1.143.43E.0.08, h10km, m22, #103/24, mb3.9/14, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, Chichi jima, JCJ, Chichijima, etc.

ISC/JB 22:00:26.14.5.0.5.67.81N.0.02.20.22E.0.08, h0km, Error ellipse: s-maj=4.6km s-min=3.2km az=4.1

UAP 22:00:26.15.8.1.1.67.87N.20.32E, ML2.3

NOO 22:00:26.15.3.0.1.67.83N.20.21E, h0km, ML1.6, Explosion

CSEM 22:00:26.15.7.0.3.67.84N.20.26E, h2km, ML2.0, Error ellipse: s-maj=5.9km s-min=5.7km az=128.0, Mining explosion.

HEL 22:00:26.17.0.0.4.67.86N.20.25E, h0km, ML2.0, Explosion

BER 22:00:26.18.4.4.8.67.95N.20.28E, h0km, ML1.8, ML2.3(NAO), Suspected explosion

ISC 22:00:26.15.2.0.7.67.80N.0.02.20.32E.0.02, h0km, n44, #097/69, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, Chichi jima, JCJ, Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA, Kurravaara, LANU, Lannavaara, etc.

IDC 22:00:26.33.8.2.3.26.93N.143.29E, h0km, mb3.9/6, mb1.4/1.9, mb1mx3.8/4.1, mbtmp4.0/9, ML3.7/3, Error ellipse: s-maj=97.2km s-min=19.4km az=75.0

ISC 22:00:26.35.4.2.0.26.93N.0.12.143.25E, h10km, n11, #080/12, mb4.0/6, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, Matushiro Arr, KSRs, Korea Arr, etc.

ISC/JB 22:00:27.42.9.0.0.15N.0.03.31.58E.0.06, h8km, 7km, Error ellipse: s-maj=7.5km s-min=4.7km az=164.8

DDA 22:00:27.42.8.0.15N.31.61E, h7km, MD2.7

CSEM 22:00:27.42.7.0.2.40.13N.31.59E, h5km, MD2.7, Error ellipse: s-maj=4.9km s-min=4.5km az=36.0

ISK 22:00:27.43.2.40.11N.31.51E, h15km, MD2.7

ISC 22:00:27.43.0.1.40.16N.0.03.31.54E.0.03, h7km, 10km, n27, #095/42, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMUIH, Mihalicik, MDUB, Mudurnu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDUB, Mudurnu, SVRH, Sivrihisar-ESK, etc.

ISC/JB 22:00:28.10.7.0.6.26.91N.0.08.143.63E.0.06, h10km, mb3.8/15, Error ellipse: s-maj=11.9km s-min=8.1km az=10.2

IDC 22:00:28.11.2.0.8.26.93N.143.59E, h0km, mb3.8/13, mb1.4/0.15, mb1mx3.9/4.1, mbtmp3.8/15, ML3.0/2, Error ellipse: s-maj=26.8km s-min=17.5km az=83.0

NEIC 22:00:28.12.7.0.5.26.93N.143.58E, h10km, mb4.5/2, Error ellipse: s-maj=12.7km s-min=9.1km az=78.0

ISC 22:00:28.12.7.0.2.27.0N.0.1.143.58E.0.08, h10km, m20, #087/22, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, Chichi jima, MJAR, Matushiro Arr, etc.

ISC/JB 22:00:33.36.3.0.5.26.96N.0.07.143.50E.0.06, h10km, mb4.0/21, Error ellipse: s-maj=10.4km s-min=7.2km az=6.0

IDC 22:00:33.36.7.0.6.26.97N.143.48E, h0km, mb3.9/17, mb1.4/0.20, mb1mx4.0/4.4, mbtmp3.8/20, ML3.3/3, Error ellipse: s-maj=17.4km s-min=15.1km az=87.1

NEIC 22:00:33.38.1.0.3.26.97N.143.45E, h10km, mb4.6/4, Error ellipse: s-maj=9.4km s-min=7.5km az=71.0

ISC 22:00:33.38.5.0.6.27.0N.0.10.143.44E.0.07, h10km, n29, #104/32, mb3.9/12, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, Chichi jima, JCJ, Chichijima, etc.

22d 1h

IDC 22 00:49:31.2,0.8,26.879N:144.21E,h0km,mb3.7/10,mb1.4/0.12,mb1mx3.8/5.1,mbtmp3.8/12,ML3.9/2,MS3.4/2,MS1.3/2,ms1mx2.6/46,Error ellipse: s-maj=28.8km, s-min=15.8km az=86.0

NEIC 22 00:49:34.3,0.5,26.899N:144.19E,h20km,mb4.6/3,Error ellipse: s-maj=14.5km s-min=8.9km az=74.0

ISC 22 00:49:36.8,0.8,26.9N:0.1143.94E:0.09,h35km,n27,az=142.20,mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichi jima, Matushiro Arr, KSRS Korea Arr, etc.

ISCJB 22 00:50:42.0,0.5,26.70N:0.07:143.82E:0.07,h10km,mb4.2/21, Error ellipse: s-maj=10.3km s-min=7.4km az=36.6

IDC 22 00:50:42.0,0.7,26.72N:143.84E,h0km,mb4.2/18,mb1.4/3.21,mb1mx4.2/5.4,mbtmp4.2/21,ML3.4/3,Error ellipse: s-maj=21.5km s-min=13.5km az=81.0

NEIC 22 00:50:43.6,0.3,26.71N:143.84E,h10km,mb4.5/3,Error ellipse: s-maj=10.5km s-min=6.3km az=76.0

ISC 22 00:50:43.8,0.6,26.72N:0.09:143.77E:0.09,h10km,n36,az=80/36,mb4.2/21, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichi jima, Matushiro Arr, KSRS Korea Arr, etc.

IDC 22 00:53:55.1,0.7,43.04N:110.62W,h0km,mb4.3/1,mb1.3/7.7,mb1mx3.5/5.1,mbtmp3.5/7,ML2.8/6,Error ellipse: s-maj=12.5km s-min=8.6km az=8.0

NEIC 22 00:53:57.5,0.2,43.13N:110.70W,h5km,ML3.4,MW3.6,Error ellipse: s-maj=4.2km s-min=1.8km az=97.0, Moment Tensor Solution... s-maj=2.9m s-min=1.0m az=101.4Nm

NEIC 22 00:53:56.6,1.4,43.13N:110.62W:0.03,h3km,n10km,n119,az133/119, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Red Top Meadow, Snow King Moun, Auburn Hatcher, etc.

1074

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like C09A, HAWA Hanford, NV01 Mina Array Sit, etc.

IDC 22 00:55:33.6,1.8,26.98N:143.76E,h0km,mb3.5/4,mb1.4/7.5,mb1mx3.4/4.6,mbtmp3.5/5,ML3.9/1,Error ellipse: s-maj=36.9km s-min=23.7km az=56.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichijima, Matushiro Arr, WARR Warrungarra Arr, etc.

ISCJB 22 00:59:21.3,0.5,26.76N:0.08:143.92E:0.06,h10km,mb4.0/15, Error ellipse: s-maj=11.6km s-min=7.6km az=17.7

IDC 22 00:59:21.6,0.7,26.78N:143.91E,h0km,mb3.9/13,mb1.4/1.15,mb1mx3.1/4.4,mbtmp3.9/15,ML3.9/2,Error ellipse: s-maj=23.1km s-min=17.0km az=88.0

NEIC 22 00:59:23.0,0.4,26.78N:143.89E,h10km,mb4.5/3,Error ellipse: s-maj=11.2km s-min=8.4km az=67.0

ISC 22 00:59:23.1,0.8,26.8N:0.11:143.88E:0.08,h10km,n22,az=74/23,mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichi jima, Chichijima, Matushiro Arr, etc.

SJA 22 01:01:12.7,0.9,33.55S:67.26W,h10km,ML2.6,MW2.8, Mendoza Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like ACAN Cantantal, AAGR Agrelo, ARCO Cerro Arco, etc.

ISCJB 22 01:02:21.9,0.4,27.12N:0.05:143.23E:0.05,h10km,mb4.1/27, Error ellipse: s-maj=8.1km s-min=6.2km az=157.2

IDC 22 01:02:24.3,1.7,27.10N:143.13E,h0km,mb3.8/16,mb1.4/0.19,mb1mx3.9/4.4,mbtmp3.8/19,ML3.3/3,Error ellipse: s-maj=16.3km s-min=15.6km az=172.0

NEIC 22 01:02:23.1,1.8,27.13N:143.16E,h10km,mb4.5/13,Error ellipse: s-maj=9.4km s-min=6.0km az=108.0

ISC 22 01:02:24.1,0.6,27.14N:0.08:143.12E:0.07,h10km,n40,az=88/42,mb4.1/27, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichi jima, Chichijima, WARR Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJ0 Matushiro, MAJ1 Mitsune, MAJ2 Mitsuho, etc.

DDA 22 01:03:17.4, 38.770N:43.28E, h7km, Md2.6
ISK 22 01:03:18.9, 38.771N:43.23E, h11km, MD2.8

CSEM 22 01:03:18.4, 0.2, 38.721N:43.23E, h2km, MD2.6, Error ellipse: s-maj=5.3km s-min=3.9km az=80.0

ISC 22 01:03:18.1, 38.711N:40.437E, h2km, 11km, n20, -0572/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TVAN Van, CLDR Caldiran, TUTA Tutak, etc.

NIED 22 01:04:09.1, 6.26:78N:0.05:143.87E:0.03, h0km, 9km, mb4.6/57, Error ellipse: s-maj=8.1km s-min=5.2km az=179.4

IDC 22 01:04:10.8, 0.5, 26.777N:143.96E, h0km, mb4.3/25, mb1.4/28, mb1mx4.4/45, mb1mx4.2/28, ML3.5/3, Error ellipse: s-maj=14.6km s-min=14.0km az=52.0

MOS 22 01:04:10.8, 1.0, 26.72N:143.89E, h9km, mb4.6/37, Error ellipse: s-maj=11.9km s-min=6.9km az=113.9

BUI 22 01:04:10.2, 26.59N:143.93E, h8km, mb4.6/39, mb4.9/26, Ms4.8/14, Ms7.4/3/14

NEIC 22 01:04:12.9, 3.8, 26.74N:143.85E, h10km, 22km, mb4.7/32, MW4.2(NIED), Error ellipse: s-maj=9.4km s-min=6.3km az=126.0

JMA 22 01:04:18.5, 0.1, 27.21N:143.83E, h61km, M4.2, ISC 22 01:04:13.1, 0.8, 26.80N:0.06:143.87E:0.04, h11km, 4km, n166, -18/18, mb4.6/57, 4C-6D, Bonin Islands Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHHJ Haha-jima-NKT, CBIJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJ0 Matushiro, MAJ1 Mitsune, MAJ2 Mitsuho, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAPN Odare, ODAN Odare, RALM Ramite, etc.

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like ASAR Alice Springs, MK01 Makanchi Array, and various other celestial bodies.

Table of astronomical objects for December 2010, including names like BOZ Bozeman (W), ELK Elko, and various other celestial bodies with their respective coordinates and magnitudes.

Table of astronomical objects for a 22-day period, including names like JHU2 Mitsune, Hachijo jima 2, and various other celestial bodies with their respective coordinates and magnitudes.

NIED 22 01:16:00, 27.00N, 143.30E, h5km, Mw5.0 Best double couple: M3.81000; 1019 NPI... 342.00000, 1-80.00000. NP2: 116.00000; 349.00000, 1-98.00000.
ISCJB 22 01:16:40.8, 1.0, 26; 79N, 143.71E, 0.02, h1km, 5km, mb5.2/193, MS4.3/6, Error ellipse: s-maj=4.0km s-min=2.8km az=165.8
MOS 22 01:16:41.6, 0.8, 26; 69N, 143.77E, h10km, mb5.3/83, MS4.4/6, Error ellipse: s-maj=8.1km s-min=4.3km az=112.7
IDC 22 01:16:44.0, 2.7, 26; 75N, 143.81E, h0km, mb4.8/34, mb1.4/9.39, mb1mx4.8/52, mbtmp4.8/39, ML4.2/5, MS4.1/8, MS1.4/1.8, ms1mx3.6/54, Error ellipse: s-maj=13.3km s-min=11.5km az=49.0
NEIC 22 01:16:44.0, 2.7, 26; 73N, 143.72E, h12km, 16km, mb5.2/101, MW5.0(NIED), Error ellipse: s-maj=5.2km s-min=3.5km az=127.0
GCMT 22 01:16:44.0, 0.4, 26; 91N, 143.90E, h23km, 1km, MW5.4/80, Moment Tensor Solution. s30, c34; s80, c108; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mrr-1.90; 13; Mss0.93; 08; Mss0.97; 08; Mss0.31; 11; Mss0.43; 04; Mss0.27; 12; Best double couple: M01.69300x10^17 NPI, 35.00000; 338.00000, 1-8.91.00000. NP2: 137.00000; 338.00000, 1-8.91.00000. Principal axes: T 1.4350, P1g7.0000, Azm46.0000; N 0.5190, P1g1.0000, Azm316.0000; P 1.9500, P1g83.0000, Azm18.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
BGR 22 01:16:46.4, 26.62N, 143.83E, h33km, mb5.0, BUJ 22 01:16:46.5, 27.06N, 143.09E, h8km, mb4.9/69, mb5.2/53, MS4.9/62, Ms7.4/6/58
JMA 22 01:16:51.9, 0.3, 27; 02N, 143.28E, h50km, M5.0, ISC 22 01:16:45.0, 0.8, 26; 82N, 143.72E, 0.04, h18km, 4km, n685, s123736, mb5.2/194, MS4.3/6, 58C-42D, Bonin Islands region
Code Station Name Δ° AZ° Phase ID Time Res Op ISC S h m s ISC P Pb S Sn Op P Pb S Sn Op P Pb S Sn Op P Pb S Sn

22d 1h

Table with columns for flight ID, destination, time, status, and other flight details. Includes entries like H11N3 WAKE ISLAND, CN2 Changchun, H11S1 WAKE ISLAND, etc.

2010 DEC

Table with columns for flight ID, destination, time, status, and other flight details. Includes entries like CD2, CD2, CD2, etc.

1078

Table with columns for flight ID, destination, time, status, and other flight details. Includes entries like HVS, JAGI, MYKOM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Nakatsue, Korea Array, etc.

ISC 22:01:25.46.3.2.3.26.47N:143.92E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3/3.60, mbtrmp3.5/5, Error ellipse: s-maj=70.2km s-min=27.9km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichijima, Matsushiro Arr, Songino Array, etc.

ISC 22:01:25.48.2.1.4.26.5N:143.86E, h10km, n7, +185R, mb3.6/5, Bonin Islands region

ISC 22:01:27.22.6.0.4.26.75N:143.85E, h10km, mb4.1/32, Error ellipse: s-maj=8.6km s-min=6.5km az=28.7

ISC 22:01:27.23.0.0.5.26.80N:143.91E, h0km, mb4.0/23, mb1 4.1/26, mb1mx4.0/6.3, mbtrmp4.0/26, ML2.6/3, Error ellipse: s-maj=17.8km s-min=13.1km az=77.0

ISC 22:01:27.24.4.0.2.26.77N:143.89E, h10km, mb4.5/12, Error ellipse: s-maj=6.4km s-min=4.9km az=67.0

ISC 22:01:27.24.5.0.5.26.81N:143.86E, h0.07, h10km, n49, +074/54, mb4.2/32, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Matsushiro Arr, Songino Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Kurk Kurchatov, Kurbb Kurchatov Arr, SML Sawmill, etc.

NIED 22:01:28.00.27.10N:143.50E, h14km, Mw4.6 Best double couple: M=14000.015 NP1.000000, 844.000000, lambda=167.000000, NP2.000000, delta1.000000, lambda=47.000000

ISC 22:01:28.55.4.0.5.27.02N:143.47E, h0km, mb4.4/32, mb1 4.5/36, mb1mx4.4/6.5, mbtrmp4.4/36, ML4.0/4, Error ellipse: s-maj=13.2km s-min=12.5km az=142.0

MOS 22:01:28.55.5.1.0.27.00N:143.44E, h10km, mb4.8/51, Error ellipse: s-maj=9.7km s-min=5.9km az=107.7

ISC 22:01:28.56.3.0.2.27.11N:143.44E, h0.02, h10km, mb4.6/14, Error ellipse: s-maj=5.6km s-min=3.0km

JMA 22:01:28.57.2.0.3.27.14N:143.47E, h5km, M4.8 NEIC 22:01:28.57.2.0.2.27.01N:143.43E, h10km, mb4.8/80, MW4.5(NIED), Error ellipse: s-maj=4.8km s-min=3.6km az=162.0

BUI 22:01:28.57.2.0.2.27.16N:143.17E, h7km, mb4.7/36, mb5.0/22, Ms5.1/12, Ms7.4/8/12

ISC 22:01:28.57.3.0.4.27.04N:143.46E, h0.04, h10km, n338, +091/344, mb4.8/115, 6C-3D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Kurk Kurchatov, Kurbb Kurchatov Arr, etc.

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

22d 1h

2010 DEC

1082

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MCK, COLD, TKM2, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like WALA, JMTT, YBMT, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like A29A, H25A, RSSD, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Residual, and other parameters. Includes stations like 531A, TORD, LPAZ, etc.

NIED 22 01:31:00, 27.10N, 143.70E, h5km, Mw5.4 Best double couple: Mo:1.45000x10^17 NP1:156.00000, 842.00000, lambda:62.00000, NP2:301.00000, 853.00000, lambda:113.00000.

BUI 22 01:31:15, 7.2675N, 143.47E, h7km, mb5.1/77, mB5.3/60, Ms5.4/83, Ms7.5/177

MOS 22 01:31:15, 7.1, 0.26, 64N, 143.55E, h10km, mb5.6/101, MS5.1/50, Error ellipse: s-maj=6.8km s-min=3.7km

IDC 22 01:31:15, 9.0, 3.26, 75N, 143.68E, h0km, mb5.1/42, mb1.5/48, mb1mx5.1/62, mbtmp5.1/48, ML4.2/6, MS4.7/26, Ms1.4/726, ms1mx4.6/40, Error ellipse: s-maj=10.4km s-min=8.5km az=74.0

GCMT 22 01:31:17, 9.0, 2.26, 88N, 143.73E, h13km, Mw5.6/131, Moment Tensor Solution. s37, c44; s131, c233; Duration: 1s5 Moment tensor: Scale 10^17Nm; Mn: -2.77e-13; M0: 1.12e-08; M1: 1.65e-08; M2: 1.27e-22; M3: 0.22000x10^17 NP1:309.00000, 858.00000, lambda:102.00000, NP2:152.00000, 834.00000, lambda:71.00000, Principal axes: T 2.8910, P1g12.0000, Azm48.0000, N 0.2610, P1g10.0000, Azm316.0000; P -3.1520, P1g74.0000, Azm186.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 22 01:31:17, 9.0, 1.26, 67N, 143.54E, h10km, mb5.5/148, MS5.2/147, MW5.4(NIED) Error ellipse: s-maj=4.6km s-min=3.5km az=148.0

NEIC Recorded [1 JMA] in the Chichijima-retto. JMA 22 01:31:18, 3.0, 2.27, 09N, 143.70E, h16km, M5.4 JMA Feil 1 J1.

ISCJB 22 01:31:18, 2.0, 8.26, 73N, 143.56E, h22km, 5km, mb5.4/289, MS5.2/175, Error ellipse: s-maj=3.5km s-min=2.3km az=164.0

ISC 22 01:31:18, 1.0, 5.26, 79N, 143.62E, h13km, 2km, h13km: p-P, n1267, e122/1248, mb5.5/304, MS5.2/175, 91C-47D, Bonin Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Residual, and other parameters. Includes stations like JHHU, JCHJ, CBJ, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Residual, and other parameters. Includes stations like KSJA, KSIC, KSCH, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase, Residual, and other parameters. Includes stations like SNY, S, S, etc.

RAMN	Ramite	50.48 284	eP	P	01 40 16.2	-0.1
ZALV	Zalesovo Beam	50.56 319	P	P	01 40 15.9	-0.3
ZALV	comp=Z,10.0nm,0.8s,baz=100,slow=9.0,SNR=18		PcP	P	01 41 35.3	+1.5
ZALV	comp=Z,4.3nm,0.7s,baz=98,slow=4.4,SNR=4.1		LR	LR	02 02 09.9	
ZALV	comp=Z,1.1um,18.2s,baz=72,slow=37				01 40 15.9	-0.3
ZALV	Zalesovo Beam	50.56 319	P	P	01 41 35.3	
ZALV	comp=Z,10.0nm,0.8s		pmax	pmax		
ZALV	comp=Z,4.0nm,0.7s		MLR	MLR		
JIRN	Jiri	50.67 285	eP	P	01 40 18.2	+0.3
GUN	Gumba	50.88 285	eP	P	01 40 19.5	0.0
GSJ	Gunungsitoli	50.92 248	P	P	01 40 19.1	-0.4
GSJ	Gunungsitoli	50.92 248	eP	P	01 40 18.8	-0.7
ASAR	Alice Springs	51.04 191	P	P	01 40 18.8	-1.3
ASAR	comp=Z,8.4nm,0.9s,baz=11,slow=6.0,SNR=19		PcP	P	01 41 36.5	+0.4
ASAR	comp=Z,7.8nm,0.9s,baz=9.9,slow=4.4,SNR=3.1		LR	LR	02 00 17.8	
ASAR	Alice Springs	51.04 191	P	P	01 40 18.8	-1.3
ASAR	comp=Z,8.0nm,0.9s		pmax	pmax		
ASAR	comp=Z,8.0nm,0.9s		pmax	pmax		
SISI	Saibi	51.19 244	P	P	01 40 21.3	-0.2
PKI	Pulchok	51.36 285	eP	P	01 40 22.5	-0.6
PKIN	Phulochi	51.37 285	eP	P	01 40 22.4	-0.7
KKN	Kakani	51.42 285	eP	P	01 40 23.2	-0.2
NVS	Novosibirsk	51.59 320	i/P	P	01 40 24.2	+0.2
NVS	comp=Z,135nm,1.8s		pmax	pmax		
NVS	comp=N,21nm,1.5s		pmax	pmax		
NVS	comp=E,79nm,1.6s		smax	smax		
NVS	comp=N,95nm,3.0s		smax	smax		
DMN	Daman	51.62 285	eP	P	01 40 24.7	-0.2
MK01	Makanchi Array	51.65 310	eP	P	01 40 24.6	+0.1
MKAR	Makanchi Array	51.66 310	P	P	01 40 25.1	+0.5
MKAR	comp=E,11nm,0.7s,baz=89,slow=10,SNR=34		PcP	P	01 41 40.1	+1.9
MKAR	Makanchi Array	51.66 310	P	P	01 40 25.1	+0.5
MKAR	comp=Z,11nm,0.7s		pmax	pmax		
MKAR	comp=Z,9.0nm,0.7s		pmax	pmax		
MAKZ	Makanchi	51.87 310	eP	P	01 40 26.8	+0.6
XMIS	Christmas Isla	52.27 230	eP	P	01 40 27.9	-1.6
EIDS	Eidsvoll	52.36 171	eP	P	01 40 28.6	-1.3
SVLW	Sparveohn	52.86 32	eP	P	01 40 36.8	+3.5
KOLD	Koldanda	52.88 286	eP	P	01 40 34.1	-0.1
TTA	Tatalina	53.07 30	eP	P	01 40 36.3	+1.4
TTA	comp=Z,39nm,1.3s		pmax	pmax		
TTA	Tatalina	53.07 30	eP	P	01 40 36.3	+1.4
DZM	Dzham	53.37 153	P	P	01 40 37.7	+0.2
KDAK	Kodiak Island	53.84 37	P	P	01 40 40.4	-0.1
KDAK	comp=Z,57nm,1.0s,baz=254,slow=3.9,SNR=8.0		P	P	01 40 43.3	+2.8
KDAK	Kodiak Island	53.84 37	eP	P	01 40 43.3	+2.8
KDAK	comp=Z,300nm,1.5s		MLR	MLR		
KDAK	comp=Z,2.1um,21.0s		MLR	MLR		
KDAK	Kodiak Island	53.84 37	eP	P	01 40 43.3	+2.8
KURK	Kurchatov	54.11 315	P	P	01 40 43.3	+0.7
KURK	comp=Z,58nm,0.9s		pmax	pmax		
KURK	Kurchatov	54.11 315	eP	P	01 40 42.6	0.0
RSO	Redoubt South	54.11 33	eP	P	01 40 45.7	+3.0
KURB	Kurchatov Arra	54.17 315	P	P	01 40 43.2	+0.2
SPU	Mount Spurr	54.56 32	eP	P	01 40 48.3	+2.5
CNPM	China Poot	54.74 34	eP	P	01 40 49.4	+2.3
BRLK	Bradley Lake	54.95 34	eP	P	01 40 52.0	+3.4
CHLP	Challavapeta	55.17 275	eS	P	01 48 35.3	+1.4
MSVF	Nonsvalv	55.46 139	eP	P	01 40 53.5	+0.6
MSVF	comp=Z,54nm,1.1s		MLR	MLR		
MSVF	comp=Z,1.1um,19.0s		LR	LR		
BPWA	Bear Paw Mtn	55.51 29	eP	P	01 40 55.6	+3.0
RC01	Rabbit Creek A	55.66 33	eP	P	01 40 55.6	+1.9
SEW	Seward	55.70 34	eP	P	01 40 55.7	+1.8
TRF	Thorofore Moun	55.71 30	eP	P	01 40 55.8	+1.5
MLY	Manley	55.77 28	eP	P	01 40 55.0	+0.5
POHA	Pohakuloa	55.89 83	eP	P	01 41 01.0	+3.9
KHU	Kahuku	55.99 84	eP	P	01 41 01.0	+4.0
KHU	comp=Z,373nm,1.3s		pmax	pmax		
PMR	Palmer	56.01 32	eP	P	01 40 57.2	+1.1
PMR	comp=Z,53nm,1.0s		pmax	pmax		
RND	Reindeer	56.34 30	eP	P	01 40 59.7	+1.1
RND	Reindeer	56.34 30	eP	P	01 40 59.7	+1.1
MCK	McKinley	56.35 30	eP	P	01 40 58.6	0.0
MCK	comp=Z,96nm,1.3s		pmax	pmax		
COLD	Coldfoot	56.39 25	eP	P	01 40 59.7	+0.9
SML	Sawmill	56.41 32	eP	P	01 41 01.5	+2.4
SML	comp=Z,59nm,1.1s		pmax	pmax		
SML	Sawmill	56.41 32	eP	P	01 41 01.5	+2.4
TKM2	Tokmak 2	56.64 305	eP	P	01 41 02.5	+1.2
TKM2	comp=Z,770nm,20.0s		MLR	MLR		
TKM2	Tokmak 2	56.64 305	eP	P	01 41 02.6	+1.2
TKM2	SNR=15		P	P	01 41 02.5	+1.2
TKM2	Tokmak 2	56.64 305	eP	P	01 41 02.5	+1.2
TKM2	comp=Z,31nm,1.0s		LR	LR		

WRH	Wood River Hill	56.81 29	eP	P	01 41 03.8	+2.0
MDM	Murphy Dome	56.81 28	eP	P	01 41 03.4	+1.5
KSH	Kashi	56.83 301	P	P	01 41 06.4	+3.8
KSH	comp=Z,3.3nm,1.1s		pP	pP	01 41 11.3	+4.5
KSH	comp=Z,3.3nm,1.1s		pP	pP	01 43 14.5	+5.7
KSH	comp=Z,1.1um,18.2s,baz=72,slow=37		ScP	ScP	01 45 59.8	+2.2
KSH	comp=Z,1.1um,18.2s,baz=72,slow=37		S	S	01 48 58.4	+2.6
KSH	comp=Z,1.1um,18.2s,baz=72,slow=37		S	S	01 49 07.1	+4.4
KSH	comp=Z,1.1um,18.2s,baz=72,slow=37		S	S	01 50 50.0	-2.0
KSH	comp=Z,1.1um,18.2s,baz=72,slow=37		SS	SS	01 52 50.1	+6.4
KSH	comp=Z,56nm,1.0s		PMZ	PMZ		
KSH	comp=Z,760nm,5.1s		LN	LN		
KSH	comp=Z,840nm,7.8s		LE	LE		
KSH	comp=Z,820nm,8.1s		LZ	LZ		
KSH	comp=Z,2.1um,13.4s		P	P	01 41 02.5	0.0
SCM	Sheep Creek Mo	56.88 32	eP	P	01 41 02.5	0.0
SCM	Sheep Creek Mo	56.88 32	eP	P	01 41 04.7	+1.9
CCL	Clear Creek Bu	56.96 29	eP	P	01 41 04.7	+1.9
COLA	College	56.97 28	eP	P	01 41 04.7	+1.8
COLA	comp=Z,2.2um,22.0s		LR	LR		
COLA	comp=Z,2.2um,22.0s		LR	LR		
DHY	Denali Highway	56.98 30	eP	P	01 41 04.8	+1.5
KYZ	Kyzart	57.00 304	P	P	01 41 05.5	+1.4
KBK	Karagaybulak	57.15 305	P	P	01 41 05.6	+0.8
CHMS	Chumysh	57.24 306	P	P	01 41 06.3	+1.0
HDA	Harding Lake	57.30 29	eP	P	01 41 06.9	+1.6
ILAR	Eielson Array	57.36 28	eP	P	01 41 04.3	-1.5
ILAR	comp=Z,36nm,1.1s,baz=253,slow=5.6,SNR=41		P	P	01 41 04.3	-1.5
ILAR	Eielson Array	57.36 28	eP	P	01 41 04.3	-1.5
FRU	Bishkek	57.36 305	eP	P	01 41 06.0	-0.2
FRU	comp=Z,36nm,1.2s		pmax	pmax		
USP	Ospenovka	57.39 306	P	P	01 41 07.2	+0.8
ARMA	Armidale	57.40 172	eP	P	01 41 05.9	-0.6
AAK	Ala-Archa	57.48 305	LR	LR	02 07 23.5	
AAK	Ala-Archa	57.48 305	i/P	P	01 41 07.4	+0.2
AAK	comp=Z,60nm,1.1s		pmax	pmax		
AAK	Ala-Archa	57.48 305	P	P	01 41 07.3	+0.1
AAK	Ala-Archa	57.48 305	P	P	01 41 07.5	+0.3
AAK	Ala-Archa	57.48 305	eP	P	01 41 07.9	+0.7
AAK	comp=Z,982nm,20.0s		LR	LR		
UCH	Ucho	57.52 305	P	P	01 41 08.8	+0.9
KLU	Klutina	57.52 32	eP	P	01 41 07.3	+0.2
EYAK	Cordova Ski Ar	57.57 34	eP	P	01 41 10.7	+3.5
DIV	Divide	57.58 33	eP	P	01 41 07.2	-0.2
PVM	Polavaram	57.78 274	eP	I	01 41 09.9	+0.5
PVM	comp=Z,12nm,1.0s		I	I	01 41 11.3	
PAX	Paxson	57.83 31	eP	P	01 41 09.3	+0.1
PAX	comp=Z,89nm,1.4s		pmax	pmax		
PAX	Paxson	57.83 31	eP	P	01 41 09.2	+0.1
HARP	HAARP	57.94 31	eP	P	01 41 13.1	+3.2
EKS2	Erkin-Say	58.00 305	eP	P	01 41 11.7	+0.9
EKS2	comp=Z,77nm,1.8s		pmax	pmax		
EKS2	Erkin-Say	58.00 305	eP	P	01 41 11.8	+0.9
EKS2	Erkin-Say	58.00 305	eP	P	01 41 11.7	+0.9
EKS2	comp=Z,883nm,20.0s		LR	LR		
RAGM	Ragged Mountai	58.09 34	eP	P	01 41 14.8	+3.7
NDI	New Delhi	58.10 288	eP	P	01 41 11.0	-0.5
AMI	Almayashu	58.14 305	P	P	01 41 13.3	+1.2
BMRM	Bremner River	58.15 33	eP	P	01 41 13.5	+2.1
STKA	Stevens Creek	58.38 182	P	P	01 41 12.0	-1.2
STKA	comp=Z,2.6nm,0.9s,baz=354,slow=8.6,SNR=36		LR	LR	02 07 33.7	
STKA	Stevens Creek	58.38 182	P	P	01 41 12.0	-1.2
STKA	comp=Z,399nm,18.5s,baz=3.2,slow=37		pmax	pmax		
STKA	Stevens Creek	58.38 182	P	P	01 41 11.9	-1.3
STKA	comp=Z,399nm,16.5s		MLR	MLR		
STKA	Stevens Creek	58.38 182	eP	P	01 41 11.9	-1.3
DOT	Dot Lake	58.51 30	eP	P	01 41 14.9	+1.0
VOSK	Vostochnaya	58.80 317	eP	P	01 41 15.6	-0.4
VOSK	comp=Z,91nm,1.2s		pmax	pmax		
VOSK	Vostochnaya	58.80 317	eP	P	01 41 16.1	+0.1
BVAR	Borovoye Array	59.13 318	P	P	01 41 18.8	+0.5
BVAR	comp=Z,24nm,0.8s,baz=86,slow=7.4,SNR=28		LR	LR	02 07 56.1	
BVAR	Borovoye Array	59.13 318	P	P	01 41 18.8	+0.5
BVAR	comp=Z,24nm,0.8s		pmax	pmax		
BVAR	Borovoye	59.19 318	eP	P	01 41 18.3	-0.5
BRVK	Borovoye	59.19 318	eP	P	01 41 18.3	-0.5
BRVK	comp=Z,71nm,1.1s		MLR	MLR		
BRVK	Borovoye	59.19 318	P	P	01 41 19.3	+0.6
BRVK	comp=Z,295nm,1.2s,SNR=15		pmax	pmax		
BRVK	Borovoye	59.19 318	eP	P	01 41 18.3	-0.5
BRVK	comp=Z,71nm,1.1s		LR	LR		
AFI	Afiamalau	59.27 128	P	P	01 41 18.8	-1.0
AFI	comp=Z,30nm,0.8s,baz=221,slow=6.7,SNR=4.1		pmax	pmax		
AFI	Afiamalau	59.27 128	P	P	01 41 18.8	-1.0
AFI	comp=Z,30nm,0.8s		LR	LR		
AFI	Afiamalau	59.27 128	P	P	01 41 18.8	-1.0
RPR	Rampur	59.29 277	eP	P	01 41 20.3	+0.4
RPR	comp=Z,9.5nm,1.1s		I	I	01 41 26.3	
RPR	Rampur	59.29 277	eP	P	01 41 20.3	+0.4
RPR	comp=Z,9.5nm,1.1s		S	S	01 49 29.6	+1.4
BBOO	Buckleboo	59.71 187	eP	P	01 41 21.1	-1.3
COCO	West Island	59.71 236	P	P	01 41 30.0	+7.2
COCO	comp=Z,2.2um,22.0s		LR	LR		
ADKI	Addanki	59.77 273	eP	P	01 41 23.1	-0.2
ADKI	comp=Z,12nm,1.0s		I	I	01 41 25.3	
ADKI	Addanki	59.77 273	eP	P	01 41 23.1	-0.2
ADKI	comp=Z,12nm,1.0s		eS	eS	01 49 37.3	+2.8
EGAK	Eagle	59.81 29	eP	P	01 41 24.7	+1.9
EGAK	comp=Z,115nm,1.9s		LR	LR		
ZRNK	Zerenda	59.97 318	eP	P	01 41 24.4	+0.3
ZRNK	Zerenda	59.97 318	eP	P	01 41 24.4	+0.3
NJS	Nagarjunasagar	60.10 274	eP	P	01 41 24.6	-0.9
NJS	comp=Z,14nm,1.1					

22d 1h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like G03D, HTW, SNZO, D05A, etc.

2010 DEC

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like OHMC, SAAT, SAAT, IMHD, etc.

1086

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like NVAR, SMCC, HLID, HLID, etc.

1087 **2010 DEC** **22d 1h**

RLMT	Red Lodge baz=82,SNR=11	82.50	43	P	P	01 43 41.3 +0.4
RLMT	Red Lodge comp=Z,45nm,1.1s	82.50	43	eP	P	01 43 41.6 +0.8
RLMT	comp=Z,1um,20.0s			LR	LR	
AHID	Auburn Hatcher comp=Z,24nm,1.0s	82.54	46	eP	P	01 43 41.5 +0.4
AHID	comp=Z,2um,21.0s			LR	LR	
MURC	Murrieta baz=83	82.65	56	P	P	01 43 41.6 0.0
DUG	Dugway comp=Z,28nm,1.0s	82.67	49	eP	Pmax	01 43 41.9 +0.2
DUG	comp=Z,28nm,1.0s			MLR	MLR	
DUG	Dugway baz=83,SNR=18	82.67	49	P	P	01 43 42.2 +0.5
DUG	Dugway comp=Z,28nm,1.0s	82.67	49	eP	P	01 43 41.9 +0.2
DUG	comp=Z,1um,21.0s			LR	LR	
HEC	Hector,Ludlow baz=83,SNR=5.2	82.72	55	P	P	01 43 42.8 +0.8
TUQ	Turquoise Moun baz=83,SNR=10	82.74	54	P	P	01 43 42.7 +0.5
SHPR	Sheep Ranch comp=Z,50nm,1.6s	82.79	53	eP	P	01 43 43.7 +1.3
HWUT	Hardware Ranch comp=Z,33nm,1.1s	82.81	47	eP	P	01 43 42.8 +0.3
HWUT	comp=Z,1um,20.0s			LR	LR	
PFO	Pinyon Flat Ob comp=Z,63nm,1.5s	83.19	56	eP	Pmax	01 43 43.3 -1.3
PFO	comp=Z,63nm,1.5s			MLR	MLR	
PFO	Pinyon Flat Ob baz=83	83.19	56	P	P	01 43 44.2 -0.4
PFO	Pinyon Flat Ob comp=Z,63nm,1.5s	83.19	56	eP	P	01 43 43.3 -1.3
PFO	comp=Z,2um,21.0s			LR	LR	
NLU	North Lily Min comp=Z,49nm,1.5s	83.28	49	eP	P	01 43 46.0 +1.0
BELC	Belle Mtn. Jos baz=83	83.35	55	P	P	01 43 44.8 -0.5
LAO	LASA Array baz=83	83.50	41	P	P	01 43 45.4 -0.4
LAO	LASA Array comp=Z,96nm,1.3s	83.50	41	eP	P	01 43 46.3 +0.5
LAO	comp=Z,2um,21.0s			LR	LR	
BW06	Boulder Array comp=Z,3um,22.0s	83.52	45	eP	LR	01 43 46.8 +0.6
PDAR	Pinedale Array comp=Z,6,1nm,0.8s,baz=269,slow=2.0,SNR=19	83.52	45	eP	P	01 43 45.6 -0.6
MPU	Maple Canyon comp=Z,182nm,1.5s	83.54	48	eP	P	01 43 46.1 -0.3
MONP	Monument Peak baz=84	83.55	57	P	P	01 43 46.3 -0.3
CCUT	Cedar City comp=Z,43nm,1.5s	83.56	51	eP	P	01 43 46.6 +0.1
AKASG	Malin Array Be comp=Z,18nm,0.8s,baz=45,slow=5.3,SNR=41	83.61	324	P	P	01 43 45.3 -0.9
AKASG	Malin Array Be comp=Z,19nm,0.8s	83.61	324	Pmax	Pmax	01 43 45.3 -0.9
KIEV	Kiev comp=Z,31nm,0.8s	83.63	324	eP	Pmax	01 43 45.0 -1.2
KIEV	comp=Z,31nm,0.8s			MLR	MLR	
KIEV	Kiev comp=Z,1um,20.0s	83.63	324	eP	P	01 43 45.0 -1.2
KIEV	comp=Z,31nm,0.8s			LR	LR	
BRTR	Bright comp=Z,1um,20.0s	83.68	38	P	P	01 43 46.7 0.0
DGMT	Dagmar baz=84	83.68	38	eP	P	01 43 46.2 -0.4
DGMT	Dagmar comp=Z,42nm,1.1s	83.68	38	eP	LR	01 43 46.2 -0.4
DGMT	comp=Z,1um,20.0s			LR	LR	
IRM	Iron Mountain baz=84,SNR=13	83.90	55	P	P	01 43 48.7 +0.6
IBP	Imperial Bould baz=84	83.90	57	P	P	01 43 47.8 -0.3
BC3	Big Chuckwall baz=84	83.91	55	P	P	01 43 48.2 0.0
A25A	Svangustu Ranch baz=84	84.01	38	P	P	01 43 48.7 +0.4
SIM	Simferopol' comp=Z,38nm,0.8s	84.05	318	eP	S	01 43 48.2 -0.3
SIM	comp=Z,38nm,0.8s			eS	P	01 54 12.0 -0.7
SIM	comp=Z,1um,20.0s			Pmax	Pmax	
TMUT	Trail Mountain comp=Z,1.48nm,1.7s	84.18	49	eP	P	01 43 50.9 +1.1
NB2	NORSAR Subarra comp=Z,106nm,1.7s,baz=41,slow=5.6	84.36	339	P	P	01 43 48.9 -0.9
NB2	NORSAR Subarra baz=44,slow=5.6	84.36	339	P	P	01 43 48.9 -0.9
NOA	NORSAR Array B comp=Z,9nm,0.8s,SNR=14	84.36	339	P	P	01 43 49.0 -0.9
NOA	NORSAR Array B comp=Z,9nm,0.8s,SNR=14	84.36	339	P	Pmax	01 43 49.0 -0.9
NOA	comp=Z,10.0nm,0.8s			Pmax	Pmax	
B25A	Knox Farm, Ray baz=84	84.36	38	P	P	01 43 50.3 +0.1
Y12C	Blythe baz=84	84.55	55	P	P	01 43 51.7 +0.4
SUW	Suwalki baz=84	84.57	329	eP	P	01 43 50.2 -0.8
SUW	Suwalki baz=84	84.57	329	eP	P	01 43 50.2 -0.8
A26A	Wade Farm, Ken baz=84	84.62	37	P	P	01 43 51.9 +0.5
MALT	Malatya comp=Z,70nm,1.5s	84.69	310	↑P	P	01 43 53.6 +1.5
MALT	Malatya comp=Z,70nm,1.5s	84.69	310	↑P	P	01 43 53.6 +1.5
SRU	San Rafael comp=Z,34nm,1.2s	84.74	49	eP	Pmax	01 43 51.9 -0.5
SRU	San Rafael comp=Z,34nm,1.2s	84.74	49	eP	P	01 43 51.9 -0.5
D25A	Fairfield baz=85	84.91	39	P	P	01 43 52.8 -0.2
C26A	Wahner Farm, P baz=85	85.20	36	P	P	01 43 54.3 -0.1
E25A	Miller Ranch, baz=85,SNR=6.0	85.23	40	P	P	01 43 55.1 +0.6
B27A	Peters Farms, baz=85	85.33	37	P	P	01 43 55.1 +0.1
D26A	Manning baz=85	85.47	39	P	P	01 43 55.7 0.0
K22A	Casper baz=85	85.48	44	eP	P	01 43 55.5 -0.6
K22A	Casper comp=Z,70nm,1.5s	85.48	44	eP	P	01 43 57.2 +1.1
F25A	Bowman baz=85,SNR=5.4	85.52	40	P	P	01 43 56.7 +0.7
A28A	Rude Farm, Bot baz=86	85.56	36	P	P	01 43 56.3 +0.1
C27A	Saylor Ranch, baz=86	85.60	38	P	P	01 43 56.4 +0.1
O20A	White River Ci baz=86	85.72	47	P	P	01 43 57.2 -0.2
E26A	Carlson Angus baz=86,SNR=7.7	85.78	39	P	P	01 43 57.6 +0.3
B28A	Dugan Ranch, T baz=86,SNR=11	85.78	37	P	P	01 43 57.7 +0.5
SFJD	Kangerlussuaq comp=Z,120nm,1.1s	85.88	6	iP	Pmax	01 43 57.2 -0.1
SFJD	Kangerlussuaq comp=Z,124nm,1.1s	85.88	6	iP	Pmax	01 43 57.2 -0.1
SFJD	Kangerlussuaq comp=Z,805nm,20.0s	85.88	6	PFAKE	LR	01 44 10.0 +1.3
D27A	Center baz=86	85.94	38	P	P	01 43 58.0 0.0
KONO	Kongsberg comp=Z,1um,19.0s	85.95	52	P	P	01 43 58.4 -0.1
WUAZ	Wupatki baz=86	85.95	52	eP	P	01 43 57.2 -1.3
WUAZ	Wupatki comp=Z,25nm,1.1s	85.95	52	eP	LR	01 43 57.2 -1.3
WUAZ	comp=Z,1um,20.0s			LR	LR	

G25A	Newell baz=86	85.96	41	P	P	01 43 58.3 0.0
F26A	Lodgepole baz=86,SNR=9.2	86.02	40	P	P	01 43 59.0 +0.5
A29A	Manni Farm, baz=86,SNR=15	86.10	36	P	P	01 43 59.4 +0.6
H25A	Fruitdale baz=86,SNR=22	86.17	41	P	P	01 43 59.6 +0.3
PV04	Paradox Valley RSSD	86.19	49	eP	P	01 43 59.4 -0.3
RSSD	Black Hills comp=Z,59nm,1.6s	86.19	42	eP	Pmax	01 44 00.4 +0.8
RSSD	Black Hills comp=Z,59nm,1.6s	86.19	42	eP	P	01 44 00.4 +0.8
C28A	Hausauer Farms MLR	86.20	37	P	P	01 43 59.5 +0.1
E27A	Carson baz=86,SNR=6.0	86.31	39	P	P	01 44 00.1 +0.2
B29A	Wagenman Farm, baz=86,SNR=11	86.31	36	P	P	01 44 00.2 +0.4
F27A	Leomon baz=86,SNR=13	86.38	40	P	P	01 44 00.7 +0.4
G26A	Maurine baz=86,SNR=12	86.38	40	P	P	01 44 00.6 +0.3
D28A	Regan baz=86	86.42	38	P	P	01 44 01.0 +0.6
I25A	Rochford baz=86	86.43	42	P	P	01 44 00.9 +0.1
RAYN	Ar Rayn comp=Z,357nm,1.0s,SNR=18	86.44	294	P	P	01 44 01.7 +0.7
RAYN	Ar Rayn comp=Z,260nm,1.6s	86.44	294	eP	P	01 44 01.1 +0.1
RAYN	comp=Z,473nm,20.0s			LR	LR	
MDND	Maddock baz=86	86.55	37	P	P	01 44 01.3 +0.2
A30A	Hoffart Farm, baz=86,SNR=7.2	86.56	36	P	P	01 44 01.9 +0.7
LEOM	Leova baz=86,SNR=7.2	86.60	321	↑P	P	01 44 01.1 -0.1
LEOM	Leova baz=86,SNR=7.2	86.60	321	↑P	P	01 44 01.1 -0.1
H26A	Fairpoint baz=87	86.61	41	P	P	01 44 02.0 +0.3
214A	Organ Pipe Nat baz=87,SNR=6.7	86.68	56	P	P	01 44 02.0 0.0
214A	Organ Pipe Nat comp=Z,91nm,1.4s	86.68	56	eP	P	01 44 02.3 +0.3
G27A	Dupree baz=87,SNR=14	86.71	40	P	P	01 44 02.3 +0.4
E28A	Huff baz=87,SNR=5.6	86.71	39	P	P	01 44 02.1 +0.2
J25A	Sunshine Ranch baz=87	86.75	42	P	P	01 44 02.4 +0.2
N23A	Red Feather La baz=87	86.80	45	P	P	01 44 02.8 +0.1
LVV	Lac du Bonnet baz=87,SNR=3.0	86.81	326	eP	P	01 44 01.3 -0.9
B30A	Myrvik Farm, E baz=87,SNR=30	86.86	36	P	P	01 44 02.8 +0.2
I26A	New Underwood baz=87,SNR=7.7	86.94	41	P	P	01 44 03.4 +0.2
ULM	Lac du Bonnet comp=Z,18nm,1.1s,baz=318,slow=6.3,SNR=11	86.99	34	P	P	01 44 02.1 -1.0
ULM	Lac du Bonnet comp=Z,18nm,1.1s	86.99	34	Pmax	Pmax	01 44 02.1 -1.0
D29A	Pettibone, Tap baz=87	87.03	38	P	P	01 44 03.6 +0.2
H27A	Howes baz=87	87.06	41	P	P	01 44 03.7 0.0
SMCO	Snowmass comp=Z,32nm,1.4s	87.06	47	eP	P	01 44 03.6 -0.6
F28A	McLaughlin baz=87,SNR=14	87.08	39	P	P	01 44 04.0 +0.3
BEL	Belsk baz=87,SNR=23	87.08	329	eP	P	01 44 03.1 -0.4
BEL	Belsk baz=87,SNR=23	87.08	329	eP	P	01 44 03.1 -0.4
MVCO	Mesa Verde baz=87	87.08	50	PFAKE	LR	01 44 20.0 +1.6
MVCO	Mesa Verde comp=Z,1um,20.0s	87.08	50	PFAKE	LR	01 44 20.0 +1.6
BRTR	Keskin Array B comp=Z,7,3nm,1.0s,baz=97,slow=3.3,SNR=22	87.14	313	P	P	01 44 03.4 -0.9
BRTR	Keskin Array B comp=Z,7,3nm,1.0s,baz=97,slow=3.3,SNR=22	87.14	313	eP	Pmax	01 44 03.4 -0.9
BRTR	comp=Z,8,0nm,1.0s			Pmax	Pmax	
A31A	Linda, St. Vin baz=87	87.16	35	P	P	01 44 04.5 +0.5
J26A	Sides Ranch, S baz=87,SNR=12	87.23	42	P	P	01 44 04.9 +0.4
B31A	Greenbush Farm baz=87,SNR=8.1	87.23	36	P	P	01 44 04.5 +0.1
C30A	Mose, Pekin baz=87,SNR=13	87.24	37	P	P	01 44 04.7 +0.3
E29A	Napoleon baz=87,SNR=9.3	87.30	38	P	P	01 44 04.9 +0.2
W18A	Petrified Fore baz=87	87.31	52	P	P	01 44 05.3 +0.1
I27A	Quinn baz=87,SNR=12	87.40	41	P	P	01 44 05.6 +0.3
CFR	Carcaliu baz=87,SNR=11	87.42	320	↑P	P	01 44 00.5 -4.8
CFR	Carcaliu baz=87,SNR=11	87.42	320	↑P	P	01 44 00.4 -4.8
D30A	Buchanan baz=87,SNR=15	87.45	37	P	P	01 44 05.7 +0.2
TESR	Tescani comp=Z,44,slow=5.6	87.46	322	↑P	P	01 44 05.0 -0.5
G28A	Parade baz=87,SNR=6.3	87.47	40	P	P	01 44 05.9 +0.3
A32A	Rocking H Ranch baz=87	87.52	35	P	P	01 44 05.6 +0.1
BURAR	Bucovina Array baz=87	87.57	323	↑P	P	01 44 06.0 -0.1
BURAR	Bucovina Array baz=87	87.57	323	↑P	P	01 44 06.0 -0.1
C31A	Landman Farms, baz=89,SNR=23	87.58	36	P	P	01 44 06.4 +0.4

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LEM, CMJJI, CBJJI, CISI, PSI, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AB31, AB31, ABKAR, AKTO, OUZO, etc.

22d 1h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like OBN, AFDM, BMO, FAQ, WVOR, etc.

2010 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MWC, YNR, YFT, GCMT, etc.

1092

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SRU, SRU, SRU, MALT, etc.

B32A	Ashe, Strandq	87.77	35	P	P	01 49 20.8 +0.2
VRI	Vrincioia	87.80	321	↑P	P	01 49 21.0 +0.2
VRI	Vrincioia	87.80	321	↑P	P	01 49 21.0 +0.2
J27A	Elkhorn Farm, baz=88	87.84	42	P	P	01 49 21.3 +0.1
PLOR	Plostina	87.85	321	↑P	P	01 49 21.3 +0.2
PLOR	Plostina	87.85	321	↑P	P	01 49 21.3 +0.2
S22A	4UR Ranch, Cre baz=88	87.86	48	P	P	01 49 21.5 -0.2
I28A	Midland baz=88	87.90	41	P	P	01 49 21.4 +0.1
G29A	Hoven baz=88	87.91	39	P	P	01 49 21.2 -0.2
TUC	Tucson	87.93	55	eP	Pmax	01 49 22.1 +0.3
TUC	Tucson	87.93	55	eP	Pmax	01 49 22.1 +0.3
D31A	McClaffin, Tow baz=88, SNR=6.2	87.99	37	P	P	01 49 21.9 +0.3
A33A	Warroad baz=88	88.01	34	P	P	01 49 21.9 +0.2
F30A	Leola baz=88	88.02	38	P	P	01 49 22.1 +0.2
H29A	Onida baz=88	88.08	40	P	P	01 49 22.3 +0.1
AGMN	Agassiz Nation baz=88	88.18	35	P	P	01 49 22.9 +0.4
AGMN	Agassiz Nation baz=88	88.18	35	eP	P	01 49 22.7 +0.1
J28A	Allard Ranch, baz=88	88.20	41	P	P	01 49 23.1 +0.3
E31A	Nome baz=88, SNR=6.7	88.20	37	P	P	01 49 23.0 +0.1
MSAB	Monastery St. A	88.23	320	↑P	P	01 49 23.0 +0.1
KOLS	Kolonické sedl	88.24	326	eP	Pmax	01 49 22.6 -0.2
KOLS	Kolonické sedl	88.24	326	eP	Pmax	01 49 22.6 -0.2
Q24A	Divide baz=88	88.31	47	P	P	01 49 23.8 0.0
B33A	Robert and Kas baz=88	88.34	35	P	P	01 49 23.3 0.0
G30A	Faulkton baz=88, SNR=5.9	88.39	39	P	P	01 49 23.6 0.0
I29A	Vivian Onida baz=88	88.39	40	P	P	01 49 23.9 +0.2
UZH	Uzhgorod	88.43	325	eP	P	01 49 22.9 -0.8
F31A	Hecla baz=88, SNR=5.6	88.44	38	P	P	01 49 23.9 +0.1
STHS	Stebnicka Huta	88.44	327	eP	Pmax	01 49 23.8 0.0
STHS	Stebnicka Huta	88.44	327	eP	Pmax	01 49 23.8 0.0
MLR	Muntele Rosu	88.46	321	↑P	P	01 49 24.6 +0.4
MLR	Muntele Rosu	88.46	321	↑P	P	01 49 24.5 +0.4
DOPR	Dopca	88.47	322	↑P	P	01 49 24.5 +0.5
K28A	Ten Mile Ranch baz=88	88.54	42	P	P	01 49 24.3 -0.1
C33A	Trail baz=88, SNR=5.8	88.57	36	P	P	01 49 24.2 -0.3
OJC	Ojcow	88.61	328	eP	P	01 49 24.2 -0.3
OJC	Ojcow	88.61	328	eP	P	01 49 24.2 -0.3
OJC	Ojcow	88.61	328	eP	P	01 49 24.2 -0.3
B34A	Aery, Baudette baz=88, SNR=6.3	88.68	34	P	P	01 49 24.8 -0.1
J29A	Okreek	88.74	41	P	P	01 49 25.3 -0.1
SDCO	Great Sand Dun baz=89	88.75	48	P	P	01 49 25.5 -0.3
G31A	Conde baz=89	88.85	39	P	P	01 49 26.1 +0.3
NIE	Niedzica	88.90	327	eP	P	01 49 26.0 +0.1
NIE	Niedzica	88.90	327	eP	P	01 49 26.1 +0.1
SUSD	South Dakota S baz=89	88.91	40	P	P	01 49 26.2 +0.1
D33A	AnnSam, Waubun baz=89	88.93	36	P	P	01 49 26.1 0.0
I30A	Dacoma baz=89, SNR=5.4	88.96	40	P	P	01 49 26.3 -0.1
VOIR	VOIR	88.99	322	↑P	P	01 49 27.0 +0.5
VOIR	VOIR	88.99	322	↑P	P	01 49 27.0 +0.5
F32A	Veblen baz=89	89.05	38	P	P	01 49 26.5 -0.1
C34A	RKJ Ranch, Bem baz=89	89.09	35	P	P	01 49 26.7 -0.1
K29A	Lazy Trails An baz=89	89.13	41	P	P	01 49 27.1 -0.1
H31A	Wolsey baz=89	89.16	39	P	P	01 49 27.2 0.0
B35A	Bob, Littlefor baz=89	89.23	34	P	P	01 49 27.6 +0.1
E33A	Westby DABS, E baz=89, SNR=7.8	89.25	37	P	P	01 49 28.0 +0.3
ARR	Arges	89.26	322	↑P	P	01 49 28.5 +0.7
J30A	Dallas baz=89	89.28	41	P	P	01 49 27.7 -0.2
D34A	Park Rapids baz=89, SNR=9.8	89.31	36	P	P	01 49 27.9 0.0
DRGR	DRGR	89.40	324	↑P	P	01 49 28.3 -0.1
DRGR	DRGR	89.40	324	↑P	P	01 49 28.3 -0.1
LKZ	Ladron comp=Z,3.9nm,1.3s baz=89	89.45	51	eP	Pmax	01 49 29.2 +0.2
L29A	Maesberg Ranch baz=89	89.45	42	P	P	01 49 28.4 -0.4
HSIG	Hans	89.48	58	eP	P	01 49 29.6 +0.6
LANS	Liptovska Anna	89.48	327	eP	P	01 49 29.4 +0.7
LANS	Liptovska Anna	89.48	327	eP	P	01 49 29.4 +0.7
F33A	5 Mile Ranch, baz=89	89.52	37	P	P	01 49 28.9 0.0
C35A	Jirik Farms, M baz=89, SNR=5.6	89.53	35	P	P	01 49 28.5 -0.4
K30A	Basset baz=90	89.60	41	P	P	01 49 29.0 -0.4
N28A	Pribbeno Ranch baz=90	89.62	44	P	P	01 49 29.2 -0.4
ANMO	Albuquerque	89.63	51	eP	Pmax	01 49 30.2 +0.3
ANMO	Albuquerque	89.63	51	eP	Pmax	01 49 30.2 +0.3
ANMO	Albuquerque	89.63	51	eP	Pmax	01 49 30.2 +0.3
OKC	Ostrava-Krasne	89.65	328	eP	P	01 49 29.2 +0.2
OKC	Ostrava-Krasne	89.65	328	eP	P	01 49 29.2 +0.2
LOT	Lotru	89.69	322	↑P	P	01 49 29.3 -0.5
E34A	Wadena baz=90	89.69	36	P	P	01 49 29.9 +0.2
H32A	Carlson Farm, baz=90	89.73	39	P	P	01 49 30.1 +0.2
J31A	Geddes baz=90	89.73	40	P	P	01 49 30.0 0.0
O28A	Krutsinger Ran baz=90	89.80	44	P	P	01 49 30.4 -0.1
KSP	Ksiaz	89.80	330	eP	P	01 49 29.7 -0.4
KSP	Ksiaz	89.80	330	eP	P	01 49 29.7 -0.4
G25A	Trinidad baz=90	89.81	48	P	P	01 49 30.6 -0.1
T33A	Ortonville baz=90	89.85	38	P	P	01 49 30.5 +0.1
D35A	Remer baz=90	89.90	35	P	P	01 49 30.9 +0.2
MORC	Moravsky Berou	89.97	328	eP	Pmax	01 49 30.7 -0.3
MORC	Moravsky Berou	89.97	328	eP	Pmax	01 49 30.7 -0.3
MORC	Moravsky Berou	89.97	328	eP	Pmax	01 49 30.7 -0.3
MORC	Moravsky Berou	89.97	328	eP	Pmax	01 49 30.7 -0.3
121A	Cookes Peak, D baz=90	89.99	53	P	P	01 49 31.8 +0.2
121A	Cookes Peak, D baz=90	89.99	53	eP	P	01 49 31.7 +0.2
H33A	Prehn Over Nor baz=90, SNR=6.7	90.00	38	P	P	01 49 31.3 0.0
E35A	Pequot Lakes baz=90	90.06	36	P	P	01 49 31.3 -0.2
C36A	Pine Crest Far baz=90	90.07	34	P	P	01 49 31.2 -0.3
KRLC	Kraliky	90.12	329	eP	P	01 49 31.6 -0.1
KRLC	Kraliky	90.12	329	eP	P	01 49 31.6 -0.1
K31A	O'Neill baz=90	90.13	41	P	P	01 49 31.9 0.0
DPC	Dobruska-Polom	90.14	329	eP	P	01 49 31.7 -0.1
DPC	Dobruska-Polom	90.14	329	eP	P	01 49 31.7 -0.1
UPC	Upice	90.17	330	eP	P	01 49 32.0 +0.2
UPC	Upice	90.17	330	eP	P	01 49 32.0 +0.2
J32A	Parkston	90.20	40	P	P	01 49 32.1 -0.1

GZR	Gura Zlata	90.26	323	↑P	P	01 49 32.3 -0.2
GZR	Gura Zlata	90.26	323	↑P	P	01 49 32.3 -0.2
L31A	Butterfield Fa	90.36	41	P	P	01 49 32.8 -0.1
C37A	Embarrass baz=90	90.42	34	P	P	01 49 33.5 +0.4
F35A	Swanville baz=90, SNR=7.4	90.43	36	P	P	01 49 33.3 +0.2
H34A	Spellman Lake, baz=90	90.55	38	P	P	01 49 33.9 +0.2
K32A	Verdigre baz=90	90.57	40	P	P	01 49 33.9 0.0
EYMN	Ely baz=90	90.61	33	P	P	01 49 34.2 +0.2
ECSD	EROS Data Cent baz=90	90.67	39	P	P	01 49 34.3 -0.1
ECSD	EROS Data Cent baz=90	90.67	39	eP	P	01 49 34.5 +0.1
E36A	McGregor baz=90	90.69	35	P	P	01 49 34.4 +0.1
J33A	Davis baz=91	90.73	40	P	P	01 49 34.7 0.0
BZS	Buzias	90.74	323	↑P	P	01 49 34.3 -0.3
BZS	Buzias	90.74	323	↑P	P	01 49 34.3 -0.3
VRAC	Vranov	90.74	329	↑P	P	01 49 34.7 +0.1
VRAC	Vranov	90.74	329	↑P	P	01 49 34.3 -0.3
VRAC	Vranov	90.74	329	↑P	P	01 49 34.7 +0.1
PVCC	Panska Ves	90.80	330	eP	P	01 49 34.8 +0.1
PVCC	Panska Ves	90.80	330	eP	P	01 49 34.8 +0.1
BRG	Berggiesshubel comp=Z,15nm,1.2s comp=Z,1µm,18.7s comp=E,1µm,17.0s	90.82	331	iP	P	01 49 34.4 -0.5
BRG	Berggiesshubel	90.82	331	iP	P	01 49 34.4 -0.5
BRG	Berggiesshubel	90.82	331	iP	Pmax	01 49 34.4 -0.5
BRG	comp=Z,15nm,1.2s			MLR	MLR	
BRG	comp=Z,1µm,18.7s			MLR	MLR	
BRG	comp=N,1µm,17.0s			MLR	MLR	
BRG	comp=N,1µm,17.0s			MLR	MLR	
O30A	MW Ranch, Wils baz=91	90.83	43	P	P	01 49 35.2 0.0
C38A	Sawbill Land. baz=91	90.88	34	P	P	01 49 35.7 +0.4
G35A	Watkins baz=91	90.89	37	P	P	01 49 35.7 +0.4
SMOL	Smolenice	90.90	328	eP	P	01 49 35.8 +0.5
SMOL	Smolenice	90.90	328	eP	P	01 49 35.8 +0.5
CLL	Collim	90.91	332	iP	Pmax	01 49 34.5 -0.7
CLL	Collim	90.91	332	iP	P	01 49 34.5 -0.7
CLL	Collim	90.91	332	iP	P	01 49 34.5 -0.7
F36A	Milaca baz=91	90.98	36	P	P	01 49 35.5 -0.2
H35A	Sunnyside Ranc baz=91	91.04	37	P	P	01 49 35.7 -0.3
P30A	Selden baz=91	91.09	44	P	P	01 49 36.3 -0.2
GOPC	GO Pecny, Ondr	91.14	330	eP	P	01 49 36.3 -0.1
GOPC	GO Pecny, Ondr	91.14	330	eP	P	01 49 36.3 -0.1
K33A	Harvington baz=91	91.16	40	P	P	01 49 36.3 -0.4
R29A	Marienthal baz=91	91.19	45	P	P	01 49 36.9 -0.1
S28A	Mantter baz=91	91.19	46	P	P	01 49 37.1 +0.1
PRU	Pruhonice	91.20	330	eP	P	01 49 36.2 -0.4
PRU	Pruhonice	91.20	330	eP	P	01 49 36.2 -0.4
PRU	Pruhonice	91.20	330	eP	x	01 49 48.5
MDVR	Moldovita	91.23	323	↑P	P	01 49 36.7 -0.3
BGNE	Belgrade baz=91	91.23	42	P	P	01 49 37.0 0.0
TREC	Trest	91.27	329	eP	P	01 49 36.6 -0.4
G36A	St. Michael baz=91	91.27	37	P	P	01 49 37.3 +0.2
ZST	Gravelva	91.28	327	eP	P	01 49 37.5 +0.5
Q30A	Quinter baz=91	91.44	44	P	P	01 49 37.7 -0.4
H36A	Jessenland, He baz=92, SNR=6.7	91.61	37	P	P	01 49 39.2 +0.5
K34A	Le Mars baz=92	91.63	40	P	P	01 49 38.7 -0.1
P31A	Stockton baz=92	91.64	44	P		

22d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include P39A Salisbury, Q39A Willow Grove F, Z33A Whitaker Ranch, etc.

IDC 22 01:42:15.0±1.2, 37.60N:144.29E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/4.2, mbtmp3.8/6, MS4.1/1, Ms1 4.1/1, ms1mx3.5/4.9, Error ellipse: s-maj=10.6km, s-min=27.6km az=106.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RAC Raciborz, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

2010 DEC

Table with columns: NIE, UPC, UPC, PRU, PRU, PCC, PCC, PCC, PCC. Rows include NIE, UPC, UPC, PRU, PCC, PCC, PCC, PCC.

ISCJB 22 01:45:05.4±0.6, 26.77N:0.07:143.83E:0.07, h10km, mb4.2/13, Error ellipse: s-maj=10.0km s-min=8.8km az=136.8

IDC 22 01:45:06.1±0.9, 26.74N:143.85E, h0km, mb4.0/7, mb1 4.2/8, mb1mx3.8/4.1, mbtmp4.0/8, ML4.0/1, Error ellipse: s-maj=27.9km s-min=19.0km az=88.0

NEIC 22 01:45:07.2±0.4, 26.77N:143.87E, h10km, mb4.4/8, Error ellipse: s-maj=9.6km s-min=7.2km az=88.0

ISC 22 01:45:07.7±0.7, 26.72N:0.09:143.75E:0.09, h10km, n26, #1502/26, mb4.3/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBIJ Chichi jima, CJJ Chichijima, MJAR Matsushiro, etc.

ISCJB 22 01:51:18.1±0.5, 27.08N:0.06:143.58E:0.04, h10km, mb4.1/25, Error ellipse: s-maj=8.4km s-min=4.9km az=162.7

IDC 22 01:51:18.1±0.6, 26.98N:143.57E, h0km, mb4.0/19, mb1 4.1/22, mb1mx4.0/4.8, mbtmp3.9/22, ML3.3/3, Error ellipse: s-maj=16.4km s-min=15.1km az=64.0

NEIC 22 01:51:19.6±0.3, 26.97N:143.55E, h10km, mb4.5/6, Error ellipse: s-maj=6.8km s-min=6.6km az=56.0

JMA 22 01:51:20.7±0.3, 27.11N:143.49E, h10km, M3.9, ISC 22 01:51:19.7±0.6, 27.00N:0.09:143.53E:0.06, h10km, n40, #083/44, mb4.1/25, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBIJ Chichi jima, CJJ Chichijima, MJAR Matsushiro, etc.

1094

ISCJB 22 01:52:21.9±0.5, 27.13N:0.06:143.6E:0.1, h10km, mb4.1/19, Error ellipse: s-maj=13.4km s-min=8.0km az=162.5

IDC 22 01:52:23.0±0.7, 27.13N:143.67E, h0km, mb3.9/13, mb1 4.1/15, mb1mx3.9/4.6, mbtmp3.9/15, ML3.2/2, Error ellipse: s-maj=26.8km s-min=16.7km az=78.0

NEIC 22 01:52:23.8±0.3, 27.14N:143.61E, h10km, mb4.4/7, Error ellipse: s-maj=10.0km s-min=6.6km az=71.0

ISC 22 01:52:23.9±0.6, 27.12N:0.09:143.8E:0.1, h10km, n32, #063/32, mb4.1/19, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MAJO Matsushiro, JNU Nakatsu, KSRS Korea Array, etc.

ISCJB 22 01:53:42.0±0.3, 26.74N:0.04:143.78E:0.05, h10km, mb4.4/47, Error ellipse: s-maj=6.7km s-min=5.9km az=36.4

IDC 22 01:53:42.5±0.5, 26.75N:143.86E, h0km, mb4.3/28, mb1 4.4/31, mb1mx4.3/4.8, mbtmp4.2/31, ML3.5/3, Error ellipse: s-maj=17.3km s-min=12.6km az=69.0

NEIC 22 01:53:43.2±0.2, 26.77N:143.78E, h0km, mb3.9/13, Error ellipse: s-maj=4.0km s-min=4.3km az=71.0

ISC 22 01:53:44.1±0.4, 26.77N:0.07:143.77E:0.07, h10km, n78, #074/73, mb4.4/47, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBIJ Chichi jima, CJJ Chichijima, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like EKS2 Erkin-Say, STKA Stephens Creek, BVAR Borovoye Array, etc.

Code Station Name Az El Azimuth Elevation Phase ID Time Res ISC H M S ISC
IDC 2011:05:14.5:0.6:27.40N:143.41E, h0km, mb4.4/27, mb1.4/30, mb1mx4.4/10, mbmp4.3/30, ML3.7/3, Error ellipse: s-maj=15.6km s-min=13.9km az=171.0

NEIC 2011:05:15.3:1.4:27.08N:143.38E, h6km, mb4.8/47, Error ellipse: s-maj=5.4km s-min=3.9km az=124.0, ISCJB 2011:05:17.0:0.2:27.10N:0.04:143.36E:0.04, h33km, mb4.7/78, Error ellipse: s-maj=6.0km s-min=4.2km

JMA 2011:05:18.3:0.1:27.25N:143.39E, h48km, M4.3, ISC 2011:05:19.9:0.4:27.19N:0.05:143.29E:0.06, h35km, n111, r1311/16, mb4.7/78, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like CBIJ Chichi jima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, TNA Tin City, MNAI Mankanchi Array, etc.

Code Station Name Az El Azimuth Elevation Phase ID Time Res ISC H M S ISC
IDC 2011:05:14.5:0.6:27.40N:143.41E, h0km, mb4.4/27, mb1.4/30, mb1mx4.4/10, mbmp4.3/30, ML3.7/3, Error ellipse: s-maj=15.6km s-min=13.9km az=171.0

NEIC 2011:05:15.3:1.4:27.08N:143.38E, h6km, mb4.8/47, Error ellipse: s-maj=5.4km s-min=3.9km az=124.0, ISCJB 2011:05:17.0:0.2:27.10N:0.04:143.36E:0.04, h33km, mb4.7/78, Error ellipse: s-maj=6.0km s-min=4.2km

JMA 2011:05:18.3:0.1:27.25N:143.39E, h48km, M4.3, ISC 2011:05:19.9:0.4:27.19N:0.05:143.29E:0.06, h35km, n111, r1311/16, mb4.7/78, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like BJI 2011:05:09.4:26.70N:143.82E, h8km, mb4.7/43, mb5.3/21, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like MJAR Matushiro Arr, MAJO Matushiro, etc.

Code Station Name Az El Azimuth Elevation Phase ID Time Res ISC H M S ISC
IDC 2011:05:14.5:0.6:27.40N:143.41E, h0km, mb4.4/27, mb1.4/30, mb1mx4.4/10, mbmp4.3/30, ML3.7/3, Error ellipse: s-maj=15.6km s-min=13.9km az=171.0

NEIC 2011:05:15.3:1.4:27.08N:143.38E, h6km, mb4.8/47, Error ellipse: s-maj=5.4km s-min=3.9km az=124.0, ISCJB 2011:05:17.0:0.2:27.10N:0.04:143.36E:0.04, h33km, mb4.7/78, Error ellipse: s-maj=6.0km s-min=4.2km

JMA 2011:05:18.3:0.1:27.25N:143.39E, h48km, M4.3, ISC 2011:05:19.9:0.4:27.19N:0.05:143.29E:0.06, h35km, n111, r1311/16, mb4.7/78, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like CBIJ Chichijima, JHHJ Haha-jima-NKT, etc.

22d 1h

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like TLY Talaya, COEN Coen, CHTO Chiang Mai, etc.

2010 DEC

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like MDM Murphy Dome, COLA College, KSH Kashi, etc.

1096

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like O03D Paynes Creek, VRH Novokhoporsk, VRH comp=Z,10.0nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Goldstone, Moose Ponds, Red Lodge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Keskin MP Arra, Ashes, Strandq, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Coldfoot, Tokmak 2, etc.

ISCJBJ 22 02:00:27.1:0.4, 26.94N:0.06:144.03E:0.06, h10km, mb4.1/23, Error ellipse: s-maj=8.8km s-min=7.5km az=178.8

ISCJBJ 22 02:01:07.0:0.4, 26.90N:0.06:144.00E:0.05, h10km, mb4.3/28, Error ellipse: s-maj=9.3km s-min=6.8km az=179.2

ISC 22 02:01:09.1:0.4, 26.92N:0.09:143.96E:0.07, h10km, n42, Error ellipse: s-maj=10.0km s-min=6.7km az=106.0

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

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like Chengdu, Ulanbaatar, Moresby, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like ILAR, KSH, ELI, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other details. Includes stations like IMW, FLWY, RLMT, etc.

NIED 22 02:23:00, 27.00N; 143.70E, h5km, Mw4.5 Best double couple...
IDC 22 02:23:42.9, 0.4, 2.677N; 143.85E, h0km, mb4.6/26, mb1.4/7.30, mb1mx4.6/41, mbtmp4.5/30, ML3.9/4, Error ellipse: s-maj=13.4km s-min=10.8km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ID, H, m, s, Res. Includes stations like JHHJ, CBIJ, etc.

22d 2h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YULB, SSSLB, MDJ, TPUB, H1N12, etc.

2010 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KULM, IPM, CTA, CTCTA, etc.

1100

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CHKZ, MNAS, BRVK, BBOO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like MFDI Camas Ranch, KBZ Khabaz, KIV Kislovodsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like DPC Dobruska-Polom, BRG Berggiesshubel, CLL Collin, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like H17A Grant Village, DUG Dugway, AKASG Malin Array, etc.

22d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, BPAW Bear Paw Mtn., TRF Thorofate Moun, etc.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Error ellipse: s-maj=13, 1km s-min=8.4km az=120.0, CBIJ Chichi jima, etc.

1102

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 19nm,0.3s, baz=291, slow=22, SNR=2.0, KSRK Korea Array, etc.

ISCJB 22 02:29:44.2, 0.5, 26.69N, 143.80E, h0km, mb3.6/6, mb3.6/6, Error ellipse: s-maj=10.5km s-min=7.0km az=3.9

ISCJB 22 02:42:35.9, 1.0, 25.24N, 142.59E, h0km, mb3.6/6, mb1.4/0.6, mb1mx3.6/49, mbtmp3.6/75.0, Error ellipse: s-maj=33.4km s-min=28.3km az=76.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Chichijima, Mjarr Matushiro Arr, Sonmi Sogingo Array, WRA Warrungama Arr, MKAR Makanchi Array, ILAR Eielson Array, STKA Stephens Creek, YKA Yellowknife Arr.

ISCJB 22 02:45:34.3±1.0, 26°56'N; 0°143'11"E; 0.3, h10km, mb4.0/9, Error ellipse: s-maj=40.2km s-min=15.7km az=173.2, mb1 3.9/6, mb1mx3.6/44, mbtmp3.8/6, Error ellipse: s-maj=42.3km s-min=14.2km az=81.0, NEIC 22 02:45:35.6±0.7, 26°49'N; 143°23'E, h10km, mb4.0/1, Error ellipse: s-maj=29.6km s-min=14.1km az=84.0, ISC 22 02:45:35.8±1.1, 26°52'N; 0°143'22"E; 0.3, h10km, n10, ±0°14/10, mb3.9/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRAB Tennant Creek, WRA Warrungama Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, KKAR Karatay Array, INK Inuvik, BRTR Keskin Array B, LPAZ La Paz.

ISC 22 02:46:37.3±3.8, 26°78'N; 144°15'E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.6/48, mbtmp3.8/6, Error ellipse: s-maj=105.4km s-min=24.3km az=179.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CJC Chichijima, SONM Sogingo Array, TLY Talaya, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array B.

ISCJB 22 02:49:09.4±0.5, 26°83'N; 0°174'13"E; 0.05, h10km, mb4.1/24, Error ellipse: s-maj=9.7km s-min=7.0km az=1.0, ISC 22 02:49:09.7±0.6, 26°88'N; 143°92'E, h0km, mb3.9/15, mb1 4.1/17, mb1mx4.0/46, mbtmp3.9/17, ML3.8/2, Error ellipse: s-maj=16.7km s-min=15.7km az=3.0, NEIC 22 02:49:11.8±4.0, 26°86'N; 143°95'E, h13km, mb4.0/10, Error ellipse: s-maj=9.1km s-min=6.3km az=101.0, ISC 22 02:49:11.4±0.6, 26°86'N; 0°110'143'91"E; 0.07, h10km, n35, ±0°74/38, mb4.1/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CJC Chichijima, MJARR Matushiro Arr, KSRS Korea Array, KSAR Wonju Array B, USRK Ussuriysk Arr, YHNB Yeheng, SSSL Suunglung, ULN Ulanbaatar, SONM Sogingo Array, CMAR Chiang Mai Arr, WRAB Warrungama Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, TKMK Tokmak, ILAR Eielson Array, EKS2 Erkin Say, DOT Dot Lake, STKA Stephens Creek, BRVK Borovoye, KKAR Karatay Array, INK Inuvik, YKA Yellowknife Arr, KBZ Khabaz, NVAR Mina Array B, PDAR Pinedale Array, BRTR Keskin Array B, TXAR Lajifan, PLCA Paso Flores, LPAZ La Paz, SAML Samuel.

Table with columns: LCO, Las Campanas, 149.41 102, ePKPbc, PKPbc, 03 09 01.2 -0.2. Rows include CJC Chichijima, MJARR Matushiro Arr, MAT Matushiro, WRA Warrungama Arr, ASAR Alice Springs, MKAR Makanchi Array, STKA Stephens Creek, YKA Yellowknife Arr, LPAZ La Paz.

ISCJB 22 02:55:05.6±0.6, 26°98'N; 0°144'03"E; 0.06, h10km, mb4.0/12, Error ellipse: s-maj=13.2km s-min=7.5km az=179.0, ISC 22 02:55:06.0±0.9, 26°98'N; 144°00'E, h0km, mb3.9/8, mb1 4.2/9, mb1mx3.8/43, mbtmp3.8/9, ML3.4/1, Error ellipse: s-maj=26.8km s-min=19.1km az=166.0, NEIC 22 02:55:07.0±0.5, 26°97'N; 143°98'E, h10km, mb4.4/5, Error ellipse: s-maj=11.6km s-min=10.9km az=154.0, ISC 22 02:55:07.6±0.7, 27°00'N; 1°143'97"E; 0.08, h10km, n17, ±0°91/19, mb4.1/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CJC Chichijima, MJARR Matushiro Arr, YHNB Yeheng, SSSL Suunglung, PMG Port Moresby, WRAB Tennant Creek, WRA Warrungama Arr, MKAR Makanchi Array, ILAR Eielson Array, EKS2 Erkin Say, INK Inuvik, YKA Yellowknife Arr, KBZ Khabaz, NVAR Mina Array B, PDAR Pinedale Array, LPAZ La Paz.

ISC 22 02:55:49.9±4.6, 21°38'S; 170°78'E, h161km, 30km, mb3.5/3, mb1 3.9/4, mb1mx3.5/39, mbtmp4.1/4, Error ellipse: s-maj=134.5km s-min=30.0km az=159.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, ASAR Alice Springs, ASAR Alice Springs, WRA Warrungama Arr, NVAR Mina Array B, GERES GERES Array B.

ISCJB 22 02:58:24.9±1.0, 26°74'N; 0°143'82"E; 0.09, h10km, mb3.6/7, Error ellipse: s-maj=19.4km s-min=11.8km az=6.5, ISC 22 02:58:25.4±1.0, 26°70'N; 143°74'E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/43, mbtmp3.6/8, ML3.7/1, Error ellipse: s-maj=24.8km s-min=19.8km az=20.0, ISC 22 02:58:26.9±1.1, 26°77'N; 0°143'68"E; 0.09, h10km, n10, ±0°53/11, mb3.6/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CJC Chichijima, MJARR Matushiro Arr, KLR Kuldar, SONM Sogingo Array, WRA Warrungama Arr, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, YKA Yellowknife Arr, LPAZ La Paz.

ISC 22 02:59:14.7±8.6, 27°01'N; 143°10'E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.4/42, mbtmp3.7/4, Error ellipse: s-maj=330.8km s-min=26.0km az=72.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CJC Chichijima, WRA Warrungama Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Arr, LPAZ La Paz.

ISCJB 22 03:00:36.2±0.5, 26°62'N; 0°174'13"E; 0.06, h10km, mb1/22, MS4.1, Error ellipse: s-maj=11.1km s-min=7.1km az=26.7

IDC 22 03:00:36.4±0.6, 26°64'N; 143°71'E, h0km, mb4.1/18, mb1 4.2/22, mb1mx4.1/45, mbtmp4.1/22, ML3.5/4, MS4.0/1, Ms1 4.0/1, ms1mx3.0/28, Error ellipse: s-maj=19.4km s-min=14.4km az=71.0, NEIC 22 03:00:37.9±0.3, 26°66'N; 143°73'E, h10km, mb4.3/2, Error ellipse: s-maj=9.1km s-min=7.0km az=63.0, ISC 22 03:00:38.2±0.6, 26°71'N; 0°109'143'65"E; 0.08, h10km, n33, ±0°97/39, mb4.1/22, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CJC Chichijima, MJARR Matushiro Arr, JOW Kunigami, KSRS Korea Array, KSRS Korea Array, KSAR Wonju Array B, USRK Ussuriysk Arr, KLR Karatay Array, SONM Sogingo Array, TLY Talaya, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warrungama Arr, PSI Prapat, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, DZM Mont Dzumac, KURK Kurchatov, KURBB Kurchatov Arra, ILAR Lajifan, STKA Stephens Creek, KKAR Karatay Array, ABKAR Abkulk array, YKA Yellowknife Arr, FINES FINES Array B, KBZ Khabaz, AKASG Malin Array B, BRTR Keskin Array B, TXAR Lajifan Array, TOR2 Torndi Arr, PLCA Paso Flores, LPAZ La Paz.

MEX 22 03:01:29.0±0.5, 14°02'N; 92°18'W, h20km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PCIG Comitan, PCIG Comitan, CCG Comitan.

NIED 22 03:02:00.27±1.0, 143°80'E, h5km, Mw4.8, Best double couple: M1.850000±0.1016 NP1.300000±0.84500000, λ-18.000000, NP2.001000000±0.87700000, λ-133.000000.

MOS 22 03:02:09.7±1.0, 26°79'N; 143°80'E, h10km, mb4.9/60, Error ellipse: s-maj=10.0km s-min=5.1km az=111.6, IDC 22 03:02:10.0±0.4, 26°83'N; 143°78'E, h0km, mb4.5/30, Mb1 4.7/35, mb1mx4.6/44, mbtmp4.6/35, ML3.8/5, MS3.8/18, Ms1 3.8/18, ms1mx3.7/22, Error ellipse: s-maj=13.8km s-min=10.4km az=81.0, NEIC 22 03:02:11.8±0.2, 26°82'N; 143°76'E, h10km, mb5.0/49, MW4.8(NIED), Error ellipse: s-maj=4.7km s-min=4.4km az=172.0, GCMT 22 03:02:11.9±0.5, 27°01'N; 143°71'E, h35km, MW5.4/63, Moment Tensor Solution, s27.333, s63.695, Duration: 1.52, Moment tensor: Scale 10^17Nm; Mr=1.74±.12; Mw=0.67±.07; Mo=1.07±.07; Mo=1.3±.06; Mo=0.35±.03; Mo=0.02±.05; Best double couple: M1.510000±0.1017 NP1.300000±0.84500000, λ-94.000000, NP2.001000000±0.87700000, λ-133.000000. Principal axes: T 1.2730, P1g.000000, Azm6.000000, N 0.4740, P1g3.000000, Azm330.000000, P -1.7470, P1g87.000000, Azm179.000000, nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. BUJ 22 03:02:11.2±0.2, 26°82'N; 143°46'E, h7km, mb4.6/54, mb5.0/39, Ms4.6/33, Ms7.4/332, ISCJB 22 03:02:11.2±0.2, 27°07'N; 0°143'70"E; 0.03, h10km, mb4.8/96, MS3.9/13, Error ellipse: s-maj=5.5km s-min=3.2km az=172.2, JMA 22 03:02:12.0±0.1, 27°08'N; 143°80'E, h53km, MS5.2, ISC 22 03:02:12.9±1.5, 26°58'N; 143°05'E, h15km, gkm, n333, r153/338, mb4.9/96, MS4.0/13, 16C-50, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CJC Chichijima, CJC Chichijima, JHHJ Haha-jima-NKT, JHHJ Haha-jima-NKT, JHUJ Mitsune, JHUJ Mitsune, JHUJ Hachio jima 2, JHUJ Hachio jima 2, JHUJ comp=2, BSO1 Boso 1, BSO4 Boso 4, BSO4 Boso 4, JODJ Odawara 2, JODJ Odawara 2, JHY Hanyo, JHY Yrogami san.

Table with columns: ARU, comp, SS, SS, 03 25 46.9 -3.4, etc. Lists various stations and their coordinates.

Table with columns: HWUT, LASA, LAO, LAO, LAO, etc. Lists various stations and their coordinates.

Table with columns: LPAZ, comp, pmax, pmax, etc. Lists various stations and their coordinates.

Table with columns: Station, Frequency, Class, Mode, Power, and other technical details. Includes stations like Mudanjiang, Pinlang, Shenyang, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other technical details. Includes stations like NONG Nongkai, ZAK Zakamensk, TLY Talaya, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other technical details. Includes stations like PDGK Kurchatov, KURK Kurchatov, KDAK Kodiak Island, etc.

22d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DAWY Dawson, INK Inuvik, ARU Arti, DLBC Dease Lake, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MSO Missoula, MSO KIV, KIV Kivik, KIV Kivik, etc.

1108

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HWUT Hardware Ranch, SHPR Sheep Range, AKASO Malin Array B, etc.

214A	Organ Pipe Nat	86.64	56	eP	P	03 33 50.3	-0.5
B30A	Myrivk Farm, E	86.67	36	P	P	03 33 50.9	+0.4
BRTR	Reskin Array B	86.68	313	P	P	03 33 50.5	-0.5
BRTR	Reskin Array B	86.68	313	P	P	03 33 50.5	-0.5
BRTR	Red Feather La						
N23A	Red Feather La	86.68	45	P	P	03 33 51.8	+0.7
N23A	Pilot Feather La	86.68	45	eP	P	03 33 51.8	+0.7
PHWV	Pilot Hill	86.76	34	P	P	03 33 51.9	+0.4
ULM	Lac du Bonnet	86.77	34	P	P	03 33 50.8	-0.3
ULM	Lac du Bonnet	86.77	34	P	P	03 33 50.8	-0.3
I26A	New Underwood	86.79	41	P	P	03 33 51.7	+0.3
D29A	Pettibone, Tap	86.84	36	P	P	03 33 51.2	-0.3
H27A	Howe	86.90	41	P	P	03 33 51.7	-0.1
F28A	McLaughlin	86.91	39	P	P	03 33 52.0	+0.2
SMCO	Snowmass	86.95	47	eP	P	03 33 52.6	-0.1
TESR	Tescan	86.98	322	iP	P	03 33 51.8	-0.3
MVCO	Mesa Verde	86.99	49	P	P	03 33 52.1	-0.6
MVCO	Mesa Verde	86.99	49	eP	P	03 33 52.8	0.0
B31A	Greenbush Farm	87.04	36	P	P	03 33 52.4	0.0
C30A	Mose, Pekin	87.05	37	P	P	03 33 52.4	0.0
J26A	Sides Ranch, S	87.08	42	P	P	03 33 53.0	+0.2
BURAR	Bucovina Array	87.08	323	iP	P	03 33 52.1	-0.6
BURAR	Bucovina Array	87.08	323	iP	P	03 33 52.1	-0.6
KWP	Kalwaria Pacia	87.10	326	iP	P	03 33 52.9	+0.2
KWP	Kalwaria Pacia	87.10	326	iP	P	03 33 52.9	+0.2
E29A	Napoleon	87.12	38	P	P	03 33 52.5	-0.3
W18A	Petrified Fore	87.24	52	P	P	03 33 54.4	+0.5
W18A	Petrified Fore	87.24	52	eP	P	03 33 54.4	+0.5
I27A	Quinn	87.24	41	P	P	03 33 53.7	+0.1
D30A	Buchanan	87.27	37	P	P	03 33 53.7	+0.2
G28A	Parade	87.30	40	P	P	03 33 54.1	+0.3
A32A	Rocking H Ranch	87.32	35	P	P	03 33 53.9	+0.1
VRI	Vrincioia	87.33	321	iP	P	03 33 55.4	+1.5
VRI	Vrincioia	87.33	321	iP	P	03 33 55.4	+1.5
C31A	Landman Farms,	87.39	36	P	P	03 33 54.4	+0.4
F29A	Eureka	87.46	39	P	P	03 33 54.9	+0.4
H28A	Mission Ridge	87.48	40	P	P	03 33 54.8	+0.1
ISCO	Idaho Springs	87.49	46	eP	P	03 33 55.8	+0.7
ISCO	Idaho Springs	87.49	46	P	P	03 33 55.1	0.0
ISCO	Idaho Springs	87.49	46	eP	P	03 33 55.8	+0.7
E30A	Jud	87.56	38	P	P	03 33 55.1	+0.2
B32A	Ashes, Strandq	87.63	35	P	P	03 33 55.4	+0.1
J27A	Elkhorn Farm,	87.75	42	P	P	03 33 56.3	+0.3
KOLS	Kolonick seedl	87.77	326	eP	P	03 33 55.8	-0.1
KOLS	Kolonick seedl	87.77	326	eP	P	03 33 55.8	-0.1
G29A	Hoven	87.80	39	P	P	03 33 55.9	-0.2
I28A	Midland	87.80	41	P	P	03 33 56.4	+0.3
S22A	4UR Ranch, Cre	87.83	48	P	P	03 33 56.9	+0.1
S22A	4UR Ranch, Cre	87.83	48	eP	P	03 33 57.3	+0.5
D31A	McClaffin, Tow	87.86	37	P	P	03 33 56.6	+0.2
A33A	Warroad	87.86	34	P	P	03 33 56.3	0.0
F30A	Leola	87.90	38	P	P	03 33 56.7	0.0
TUC	Tucson	87.95	55	eP	P	03 33 57.1	-0.1
TUC	Tucson	87.95	55	eP	P	03 33 57.1	-0.1
STHS	Stebnicka Huta	87.97	326	eP	P	03 33 58.0	+1.1
STHS	Stebnicka Huta	87.97	326	eP	P	03 33 58.0	+1.1
STHS	Stebnicka Huta	87.97	326	eP	P	03 33 58.0	+1.1
H29A	Onida	87.97	40	P	P	03 33 57.0	0.0
MLR	Muntele Rosu	87.99	321	iP	P	03 33 57.9	+0.7
MLR	Muntele Rosu	87.99	321	iP	P	03 33 57.9	+0.7
C32A	Crookston	88.00	36	P	P	03 33 56.6	-0.4
DOPR	Dopca	88.01	322	iP	P	03 33 57.5	+0.4
AGMN	Agassiz Nation	88.04	35	P	P	03 33 56.9	-0.3
AGMN	Agassiz Nation	88.04	35	eP	P	03 33 56.5	-0.7
E31A	Nome	88.08	37	P	P	03 33 57.5	+0.1
J28A	Allard Ranch,	88.10	41	P	P	03 33 57.8	+0.1
OJC	Ojcow	88.14	328	eP	P	03 33 57.5	-0.1
OJC	Ojcow	88.14	328	eP	P	03 33 57.5	-0.1
B33A	Robert and Kas	88.19	35	P	P	03 33 57.8	-0.1
Q24A	Divide	88.26	47	P	P	03 33 59.0	+0.2
G30A	Faulkton	88.27	39	P	P	03 33 58.2	-0.2
I29A	Vivian Onida	88.29	40	P	P	03 33 58.1	-0.4
F31A	Hecla	88.31	38	P	P	03 33 58.7	+0.2
C33A	Trial	88.43	35	P	P	03 33 58.7	-0.4
NIE	Niedzica	88.43	327	eP	P	03 33 59.0	0.0
NIE	Niedzica	88.43	327	eP	P	03 33 59.1	0.0
K28A	Ten Mile Ranch	88.44	42	P	P	03 33 59.1	-0.2
E32A	Brazten, Kindr	88.49	37	P	P	03 33 59.7	+0.3
VOIR	VOIR	88.52	322	iP	P	03 34 00.0	+0.4
VOIR	VOIR	88.52	322	iP	P	03 34 00.0	+0.4
B34A	Aery, Baudette	88.53	34	P	P	03 33 59.4	-0.1
J29A	Okreek	88.64	41	P	P	03 34 00.2	0.0
SDCO	Great Sand Dun	88.70	48	P	P	03 34 00.3	-0.7
SDCO	Great Sand Dun	88.70	48	eP	P	03 34 01.3	+0.4
G31A	Conde	88.73	38	P	P	03 34 00.6	0.0
D33A	AnnSam, Waubun	88.79	36	P	P	03 34 00.6	-0.2
ARR	Arges	88.79	322	iP	P	03 34 01.4	+0.5
SUSD	South Dakota S	88.80	39	P	P	03 34 00.7	-0.2
I30A	Oacoma	88.85	40	P	P	03 34 01.3	+0.1
F32A	Veblen	88.92	37	P	P	03 34 01.6	+0.2
DRGR	DRGR	88.93	324	iP	P	03 34 01.4	-0.1
DRGR	DRGR	88.93	324	iP	P	03 34 01.4	-0.1
C34A	RKJ Ranch, Bem	88.94	35	P	P	03 34 01.3	-0.2
LANS	Liptovska Anna	89.02	327	eP	P	03 34 02.3	+0.5
LANS	Liptovska Anna	89.02	327	eP	P	03 34 02.3	+0.5
K29A	Lazy Trails An	89.04	41	P	P	03 34 01.8	-0.3
H31A	Wolsey	89.05	39	P	P	03 34 01.8	-0.2
B35A	Bob, Litterfor	89.08	34	P	P	03 34 01.9	-0.2
G32A	Webster	89.10	38	P	P	03 34 02.3	0.0

E33A	Westby DABS, E	89.12	36	P	P	03 34 02.5	+0.2
D34A	Park Rapids	89.17	36	P	P	03 34 02.6	+0.1
J30A	Dallas	89.18	40	P	P	03 34 02.4	-0.3
OKC	Ostrava-Krasne	89.18	328	eP	P	03 34 02.1	-0.4
OKC	Ostrava-Krasne	89.18	328	eP	P	03 34 02.1	-0.4
M28A	Bar X Bar Ranch	89.22	43	P	P	03 34 02.7	-0.4
KSP	Ksiaz	89.34	330	eP	P	03 34 02.8	-0.4
KSP	Ksiaz	89.34	330	eP	P	03 34 02.8	-0.4
L29A	Maesberg Ranch	89.36	42	P	P	03 34 03.6	-0.1
C35A	Jirik Farms, M	89.39	35	P	P	03 34 03.5	-0.1
F33A	5 Mile Ranch,	89.39	37	P	P	03 34 03.7	+0.1
K30A	Basset	89.50	41	P	P	03 34 03.7	-0.6
MORC	Moravsky Berou	89.51	328	iP	P	03 34 03.9	-0.2
MORC	Moravsky Berou	89.51	328	iP	P	03 34 03.9	-0.2
HISG	HISG	89.52	37	P	P	03 34 04.0	-0.5
N28A	Pribbeno Ranch	89.54	44	P	P	03 34 04.4	-0.1
ANMO	Albuquerque	89.61	50	eP	P	03 34 04.4	-0.7
ANMO	Albuquerque	89.61	50	eP	P	03 34 04.4	-0.7
ANMO	Albuquerque	89.61	50	eP	P	03 34 05.5	+0.4
H32A	Carlson Farm,	89.61	39	P	P	03 34 04.1	-0.6
J31A	Geddes	89.63	40	P	P	03 34 04.8	0.0
DPC	Dobruska-Polom	89.67	329	eP	P	03 34 04.8	-0.1
DPC	Dobruska-Polom	89.67	329	eP	P	03 34 04.8	-0.1
G33A	Ortonville	89.72	38	P	P	03 34 05.2	0.0
O28A	Krutsinger Ran	89.73	44	P	P	03 34 05.0	-0.4
T25A	Trinidad	89.76	48	P	P	03 34 05.7	-0.1
KSCO	Key Shedlock'	89.84	45	P	P	03 34 05.7	-0.3
H33A	Prehn Over Nor	89.88	38	P	P	03 34 05.8	-0.1
C36A	Pine Crest Far	89.92	34	P	P	03 34 06.4	+0.3
E35A	Pequot Lakes	89.92	36	P	P	03 34 05.9	-0.2
F34A	Alexandria	89.97	37	P	P	03 34 06.1	-0.2
121A	Cookes Peak, D	89.99	53	P	P	03 34 07.3	+0.5
121A	Cookes Peak, D	89.99	53	eP	P	03 34 07.4	+0.5
N29A	Votaw Ranch, W	90.02	43	P	P	03 34 06.8	0.0
K31A	O'Neill	90.03	41	P	P	03 34 06.7	0.0
P28A	Saint Francis	90.06	45	P	P	03 34 06.7	-0.3
J32A	Parkston	90.09	40	P	P	03 34 06.6	-0.4
G34A	Benson	90.13	37	P	P	03 34 07.1	0.0
D36A	Goodland	90.15	35	P	P	03 34 06.9	-0.2
L31A	Butterfield Fa	90.26	41	P	P	03 34 07.6	-0.2
C37A	Embarrass	90.27	34	P	P	03 34 07.4	-0.3
VRAC	Vranov	90.28	328	iP	P	03 34 08.0	+0.3
VRAC	Vranov	90.28	328	iP	P	03 34 08.0	+0.3
F35A	Swanville	90.29	36	P	P	03 34 07.1	+0.3
Q28A	Sharon Springs	90.32	45	P	P	03 34 07.9	-0.3
O29A	4D Ranch, Culb	90.33	44	P	P	03 34 08.0	-0.2
H34A	Spellman Lake,	90.42	38	P	P	03 34 08.5	0.0
SMOL	Smolenice	90.44	327	eP	P	03 34 08.8	+0.4
SMOL	Smolenice	90.44	327	eP	P	03 34 08.9	+0.4
CLL	Collm	90.44	331	iP	P	03 34 07.6	-0.8
CLL	Collm	90.44	331	iP	P	03 34 07.6	-0.8
CLL	Collm	90.44	331	iP	P	03 34 07.6	-0.8
EYMN							

22d 3h

Table with columns: TXAR, Lajitas Array, 94.70, 54, P, 03 34 28.8 +0.2, etc. Includes various station names like Snyder, Elmer, Derby Farms, etc.

2010 DEC

Table with columns: DBIC, PTGA, LPAZ, LPZ, LPZ, LPZ, etc. Includes various station names like Pitinga, Paz, Flores, etc. and technical details like comp-Z, 2.0nm, 0.7s.

1110

Table with columns: MJAR, MAJO, MAT, MAT, JNU, etc. Includes various station names like Matushiro, Nakatsue, Korea Array, etc. and technical details like comp=N, 2.22nm, 18.5s.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like LOEI, UTTA, PHRA, PBKT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like INK, KBL, KBL, ARU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like GSC, MOOW, SHOC, RLMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsuhiro, KSRS Korea Array, KSAR Wujou Array, USRK Ussuriysk Arr, etc.

CSEM 22 03:40:54.3:0.8, 51.41N:16.23E, h1km, M2.5/4, Error ellipse: s-maj=11.4km s-min=6.9km az=15.0

PRU 22 03:40:55.9:1.37N:16.23E, h0km

ISC 22 03:40:55.1:1.8, 51.39N:16.08E, h1km, n18, 0.64/3.5, Poland

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

ISCJB 22 03:41:36.4:0.7, 27.04N:10.143:74E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:41:36.3:0.8, 27.06N:143.79E, h0km, mb3.8/12, mb1.4/0.15, mb1mx3.9/4.1, mbtmp3.9/15, ML3.3/3, Error ellipse: s-maj=22.7km s-min=20.0km az=82.0

ISC 22 03:41:37.9:0.8, 27.1N:0.1:143.68E:0.09, h10km, n18, 0.86/2.0, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

NOA NORSAR Array B 84.10 339 P P 03 54 09.4 +0.5
LPAZ La Paz 148.63 77 PKPbc PKPbc 04 01 26.3 -0.5
ISCJB 22 03:42:12.7:0.5, 27.01N:0.08:143.76E:0.07, h10km, mb4.0/18, Error ellipse: s-maj=11.0km s-min=9.0km az=179.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

ISC 22 03:42:57.5:0.9, 1.18N:96.88E, h0km, mb2.4/2.14, mb1.4/3.16, mb1mx4.1/5.2, mbtmp4.2/16, ML3.8/2, MS3.7/1, Ms1.3/7.1, ms1mx2.8/5.1, Error ellipse: s-maj=24.9km s-min=17.2km az=63.0

DJA 22 03:43:00.8:1.1, 1.1N:3.9'E, h17km, g1km, M4.3/12, mb4.5/4, mb4.8/1, MLV4.2/12, Mw(m)B4.1/1

ISCJB 22 03:43:01.8:0.9, 1.30N:0.05:97.01E:0.07, h37km, 7km, mb4.2/16, Error ellipse: s-maj=13.1km s-min=5.7km az=151.8

NEIC 22 03:43:02.0:2.0, 1.30N:96.99E, h27km, 13km, mb4.6/2, Error ellipse: s-maj=14.5km s-min=9.5km az=62.0

NEIC Felt [I] on Nias. ISC 22 03:43:01.7:0.7, 1.35N:0.07:96.99E:0.07, h21km, 4km, n51, 0.97/4.7, mb4.5/15, 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 GSI Gunungstiloti, GSI Sinabang, etc.

MDSI Maura Dua 9.23 129 P Pn 03 45 13.8 +0.1

BRK Srakaw 13.54 21 P Pn 03 45 26.1 +0.5

CHAI Chayul 15.28 18 P Pn 03 45 42.2 +0.4

PKT Sadao Pong 15.62 14 P Pn 03 46 43.2 -1.6

SUKH Sukhothai 16.24 9 P P 03 46 52.6 +1.0

CMAR Chiang Mai Arr 17.11 6 P Pn 03 46 59.5 -0.2

CMAR 1.6m, 0.3s, baz=99, slow=33, SNR=16

CMAT 1.6m, 0.3s, baz=196, slow=12, SNR=15

CMAR 1.6m, 0.3s, baz=99, slow=33, SNR=16

CMAT 1.6m, 0.3s, baz=196, slow=12, SNR=15

CMAR 1.6m, 0.3s, baz=99, slow=33, SNR=16

CMAT 1.6m, 0.3s, baz=196, slow=12, SNR=15

CMAR 1.6m, 0.3s, baz=99, slow=33, SNR=16

CMAT 1.6m, 0.3s, baz=196, slow=12, SNR=15

BRTR Keskin Array B 68.85 312 P Pz 03 54 04.4 -0.7

SEY Seymchan 73.71 23 P Pz 03 54 33.9 +0.2

FINES FINESS Array B 79.77 33 P Pz 03 55 08.3 +0.3

ARCES ARCESS Array B 82.32 34 P Pz 03 55 21.9 +0.4

GERES GERESS Array B 84.56 319 P Pz 03 55 31.9 -1.6

NOA NORSAR Array B 86.77 331 P Pz 03 55 44.6 +0.4

TXAR Lajlatz Array B 84.65 31 PKPbc PKPbc 04 02 33.4 +1.1

ISCJB 22 03:44:03.7:0.6, 26.80N:0.08:143.79E:0.09, h10km, mb3.9/12, Error ellipse: s-maj=12.0km s-min=10.4km az=41.3

ISC 22 03:44:03.8:0.7, 26.77N:144.03E, h0km, mb3.9/12, mb1.4/1.14, mb1mx3.9/4.1, mbtmp3.9/14, ML3.9/2, Error ellipse: s-maj=23.5km s-min=17.3km az=89.0

ISC 22 03:44:05.2:0.7, 26.8N:0.1:143.86E:0.09, h10km, n16, 0.13/1.16, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

ISC 22 03:45:21.6:0.1, 27.28N:143.51E, h61km, M3.9

NEIC 22 03:45:21.2:0.3, 27.11N:143.47E, h10km, mb4.7/2, Error ellipse: s-maj=7.4km s-min=6.9km az=60.0

ISCJB 22 03:45:23.0:0.5, 27.37N:10.04:143.87E:0.05, h33km, mb4.1/26, MS4.1/1, Error ellipse: s-maj=7.3km s-min=5.6km az=40.0

ISC 22 03:45:25.3:0.5, 27.27N:0.06:143.36E:0.07, h35km, n42, 0.13/1.49, mb4.1/26, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJ Chichi jima, JCJ Chichijima, etc.

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

ISC 22 03:46:00.0:0.0, 27.00N:143.79E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=13.9km s-min=10.1km az=176.1

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRLC, MORC, DPC, UPIC, MSAB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES, MAW, ARU, AAK, KSH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ, JHHU, JHJ, etc.

22d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CD2, CD2, CD2, ULN, ULN, ULN, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA, STKA, STKA, OTUK, OTUK, VOSK, etc.

1116

Table with columns for station name, frequency, power, and other technical details. Includes stations like GNI, GNI, GNI, HLID, HRY, LRM, etc.

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like TWSI, TWSI, DNP, etc.

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBJ, CBJ, CBJ, etc.

ISCJB 22 05:09:27.5,0.5,26.70N,0.08:144.08E,0.06,h10km, mb4.1/21,MS3.5/1,Error ellipse: s-maj=11.4km s-min=7.1km az=12.6

IDC 22 05:08:27.9,0.7,26.76N:144.07E,h0km,mb4.0/17, mb1.4/2.19,mb1mx4.0/61,mbmp4.0/19,ML3.8/2,MS3.6/1, Ms1.3/6.1,ms1mx2.8/36,Error ellipse: s-maj=18.0km s-min=16.4km az=50.0

NEIC 22 05:08:29.4,0.4,26.77N:144.05E,h10km,mb4.6/1,Error ellipse: s-maj=9.9km s-min=8.2km az=65.0

ISC 22 05:08:29.5,0.7,26.82N:0.1x144.03E,0.08,h10km,t31, r0590/34,mb4.0/21,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBIJ, KCJR, KSAR, etc.

IDC 22 05:09:54.0,0.4,26.83N:143.96E,h0km,mb4.6/37, mb1.4/7.41,mb1mx4.6/63,mbmp4.6/41,ML4.1/3,MS3.7/9, Ms1.3/7.9,ms1mx3.3/40,Error ellipse: s-maj=12.8km s-min=11.5km az=62.0

MOS 22 05:09:54.7,1.3,26.80N:143.74E,h11km,mb5.1/68,Error ellipse: s-maj=9.5km s-min=5.2km az=112.4

ISCJB 22 05:09:55.2,0.1,26.98N:0.03:143.81E,0.02,h10km, mb4.9/159,MS3.6/2,Error ellipse: s-maj=4.4km s-min=2.7km az=170.2

BJI 22 05:09:56.3,26.84N:143.46E,h6km,mb4.7/56,mb5.0/37, Ms4.5/36,Ms7.4/238

NEIC 22 05:09:56.6,0.2,26.81N:143.79E,h10km,mb5.1/92, MW4.7(NIED),Error ellipse: s-maj=6.2km s-min=4.7km az=162.0

NIED 22 05:10:00.27:20N:143.70E,h5km,Mw4.7 Best double couple: Mo:1.29000x10^16 NP1:3e145.00000, s44.00000, lambda=59.00000, NP2:2e285.00000, s54.00000, lambda=116.00000

ISC 22 05:10:01.0,0.5,27.24N:143.72E,h36km,M4.5 Ms1.4/95,r137/504,mb5.0/161,MS3.9/6,2C-2D,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBIJ, JHHU, JHU, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like USRK, YSS, YHNB, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CD2, SONM, etc.

1123 2010 DEC 22d 5h

NOA	NORSAR Array B	84.25 339	P	P	05 22 27.1	-1.2
NOA	NORSAR Array B	84.25 339	P	P	05 22 27.2	-1.2
Y12C	comp=Z,13nm,1.2s	84.21 55	P	P	05 22 28.4	-0.8
NB002	NORSAR Array S	84.36 339	eP	P	05 22 30.3	+1.5
A26A	Wade Farm, Ken	84.38 37	P	P	05 22 28.7	-0.5
SRU	San Rafael	84.50 49	eP	P	05 22 31.3	+1.1
SRU	San Rafael	84.50 49	eP	P	05 22 31.3	+1.1
D25A	Fieldview	84.67 39	P	P	05 22 30.3	-0.4
C26A	Wahner Farm, P	84.96 38	P	P	05 22 31.4	-0.8
D26A	Manning	85.23 39	P	P	05 22 33.1	-0.4
K22A	Casper	85.24 44	P	P	05 22 33.2	-0.7
K22A	Casper	85.24 44	eP	P	05 22 34.6	+0.7
F25A	Bowman	85.28 40	P	P	05 22 33.3	-0.6
A28A	Rude Farm, Bot	85.32 37	P	P	05 22 33.6	-0.4
C27A	Saylor Ranch,	85.35 38	P	P	05 22 33.0	-1.2
O20A	White River Ci	85.48 47	P	P	05 22 34.2	-1.0
O20A	White River Ci	85.48 47	eP	P	05 22 36.1	-0.7
E26A	Carlson Angus	85.54 39	P	P	05 22 34.5	-0.6
B28A	Dugan Ranch, T	85.54 37	P	P	05 22 34.1	-1.0
SFJD	Kangerlussuaq	85.69 6	P	P	05 22 34.7	-0.7
SFJD	Kangerlussuaq	85.69 6	P	P	05 22 34.7	-0.7
G25A	Newell	85.71 41	P	P	05 22 35.2	-0.9
WUJAZ	Wupatki	85.72 52	P	P	05 22 35.6	-0.8
WUJAZ	Wupatki	85.72 52	eP	P	05 22 37.6	+1.3
PV09	Paradox Valley	85.74 49	eP	P	05 22 37.8	+1.2
F26A	Lodgepole	85.77 40	P	P	05 22 36.0	-0.4
A29A	Manning Farm,	85.86 36	P	P	05 22 35.5	-1.1
H25A	Fruitdale	85.93 41	P	P	05 22 36.5	-0.7
RSSD	Black Hills	85.95 42	eP	P	05 22 38.5	+1.0
RSSD	Black Hills	85.95 42	eP	P	05 22 38.5	+1.0
RSSD	Black Hills	85.95 42	eP	P	05 22 38.5	+1.0
PV05	Paradox Valley	85.98 49	eP	P	05 22 39.5	+1.7
B29A	Wagenman Farm,	86.07 37	P	P	05 22 36.8	-0.9
F27A	Lemmon	86.13 40	P	P	05 22 37.7	-0.4
G26A	Maurine	86.13 40	P	P	05 22 38.0	-0.1
D28A	Regan	86.17 38	P	P	05 22 37.4	-0.8
I25A	Rochford	86.19 42	P	P	05 22 38.0	-0.6
A30A	Hoffart Farm,	86.33 36	P	P	05 22 38.3	-0.6
H26A	Fairpoint	86.42 41	P	P	05 22 38.8	-0.8
E28A	Huff	86.47 39	P	P	05 22 39.0	-0.7
G27A	Dupree	86.47 40	P	P	05 22 38.9	-0.9
J25A	Sunshine Ranch	86.50 42	P	P	05 22 39.3	-0.7
RAYN	Ar Rayn	86.52 295	eP	P	05 22 40.2	-0.2
N32A	Red Feather L	86.56 45	eP	P	05 22 42.3	+1.7
B30A	Myrvik Farm, E	86.62 36	P	P	05 22 40.0	-0.4
I26A	New Underwood	86.70 42	P	P	05 22 40.3	-0.7
ULM	Lac du Bonnet	86.75 34	P	P	05 22 40.7	-0.3
ULM	Lac du Bonnet	86.75 34	P	P	05 22 40.7	-0.3
D29A	Pettibone, Taps	86.78 38	P	P	05 22 40.4	-0.8
H27A	Howes	86.82 41	P	P	05 22 41.2	-0.3
SMCO	Snowmass	86.82 47	eP	P	05 22 43.0	+0.9
F28A	McLaughlin	86.84 39	P	P	05 22 40.9	-0.6
MVCO	Mesa Verde	86.84 50	P	P	05 22 41.0	-1.0
MVCO	Mesa Verde	86.84 50	eP	P	05 22 44.1	+2.1
J26A	Sides Ranch, S	86.98 42	P	P	05 22 41.4	-1.0
B31A	Greenbush Farm	86.99 36	P	P	05 22 41.6	-0.6
C30A	Mose, Pekin	87.00 37	P	P	05 22 42.0	-0.3
E29A	Napoleon	87.06 38	P	P	05 22 41.6	-1.0
BRTR	Keskin Array B	87.14 314	P	P	05 22 42.2	-1.1
BRTR	Keskin Array B	87.14 314	P	P	05 22 42.2	-1.1
I27A	Quinn	87.16 41	P	P	05 22 42.1	-1.0
D30A	Buchanan	87.21 37	P	P	05 22 42.6	-0.7
G28A	Parade	87.23 40	P	P	05 22 42.3	-1.1
A32A	Rocking H Ranch	87.28 35	P	P	05 22 42.8	-0.8
C31A	Landman Farms,	87.34 36	P	P	05 22 42.9	-1.0
ISCO	Idaho Springs	87.36 46	P	P	05 22 42.9	-1.7
F29A	Eureka	87.39 39	P	P	05 22 43.8	-0.5
H28A	Mission Ridge	87.40 40	P	P	05 22 43.2	-1.1
E30A	Jud	87.50 38	P	P	05 22 43.4	-1.3
BUR0A	Bucovina Ar. S	87.52 324	eP	P	05 22 45.7	+0.8
B32A	Ashes, Strandq	87.59 35	P	P	05 22 43.7	-1.4
BR23T	Keskin MP Arra	87.63 314	eP	P	05 22 42.6	-1.0
J27A	Elkhorn Farm,	87.65 42	P	P	05 22 44.4	+3.2
S22A	4UR Ranch, Cre	87.68 48	P	P	05 22 44.6	-1.6
I28A	Midland	87.72 41	P	P	05 22 44.9	-0.9
D31A	McClaffin, Tow	87.81 37	P	P	05 22 45.6	-0.6
A33A	Warroad	87.83 35	P	P	05 22 45.7	-0.5
F30A	Leola	87.84 38	P	P	05 22 45.9	-0.5
AGMN	Agassiz Nation	88.00 35	P	P	05 22 45.6	-1.4
AGMN	Agassiz Nation	88.00 35	eP	P	05 22 48.0	+0.9
E31A	Nome	88.02 37	P	P	05 22 46.1	-1.1
KOLS	Kolonickie sedl	88.20 326	eP	P	05 22 48.6	+0.6
KOLS	Kolonickie sedl	88.20 326	eP	P	05 22 48.6	+0.6
KOLS	Faulkton	88.20 39	P	P	05 22 47.1	-1.0
I29A	Vivian Onida	88.20 40	P	P	05 22 47.1	-1.0

F31A	Hecla	88.25 38	P	P	05 22 47.5	-0.9
UZH	Uzhgorod	88.39 326	eP	P	05 22 48.0	-0.8
C33A	Trail	88.39 36	P	P	05 22 47.8	-1.1
STHS	Stebnicka Huta	88.40 327	eP	P	05 22 49.5	+0.6
B34A	Aery, Baudette	88.50 35	P	P	05 22 47.7	-1.7
J29A	Okreke	88.56 41	P	P	05 22 49.2	-0.7
D33A	AnnSam, Waubun	88.75 36	P	P	05 22 49.8	-0.9
I30A	Oacoma	88.78 40	P	P	05 22 50.1	-0.8
C34A	RKU Ranch, Bem	88.91 35	P	P	05 22 50.1	-1.2
G32A	Webster	89.04 38	P	P	05 22 51.7	-0.4
B35A	Bob, Littlefor	89.05 34	P	P	05 22 51.4	-0.6
E33A	Westby DABS, E	89.07 37	P	P	05 22 51.8	-0.4
J30A	Dallas	89.09 41	P	P	05 22 51.7	-0.7
D34A	Park Rapids	89.12 36	P	P	05 22 51.8	-0.6
F33A	5 Mile Ranch,	89.33 37	P	P	05 22 52.7	-0.7
C35A	Jirik Farms, M	89.35 35	P	P	05 22 52.5	-1.0
ANMO	Albuquerque	89.44 51	P	P	05 22 54.9	+0.5
ANMO	Albuquerque	89.44 51	eP	P	05 22 56.3	+1.9
G33A	Ortonville	89.66 38	P	P	05 22 54.2	-0.8
H33A	Pre Over Nor	89.82 38	P	P	05 22 54.9	-0.8
E35A	Pequot Lakes	89.88 36	P	P	05 22 55.0	-0.6
F35A	Swanville	90.25 37	P	P	05 22 58.0	-0.6
ECSD	EROS Data Cent	90.49 39	eP	P	05 22 59.7	+0.8
ECSD	EROS Data Cent	90.49 39	eP	P	05 22 59.4	-0.4
G35A	Watkins	90.71 37	P	P	05 22 59.3	-0.9
F36A	Milaca	90.80 36	P	P	05 22 59.4	-0.9
CLL	Collm	90.85 332	iP	P	05 23 00.6	+0.3
CLL	Collm	90.85 332	iP	P	05 23 00.6	+0.3
H35A	Sunnyside Ranc	90.86 38	P	P	05 22 59.9	-0.7
S28A	Manter	91.01 46	P	P	05 23 00.6	-0.9
H36A	Jessenland, He	91.43 37	P	P	05 23 02.4	-0.8
K35A	Storm Lake	91.91 39	P	P	05 23 04.6	-0.9
MNTX	Coridas Mount	91.97 53	P	P	05 23 04.9	-1.1
MNTX	Cornudas Mount	91.97 53	eP	P	05 23 07.0	+1.0
Q32A	Meitler Ranch,	92.28 44	P	P	05 23 06.3	-1.0
GERES	GERES Array B	92.35 330	P	P	05 23 06.2	-1.3
K36A	Gilmore City	92.41 39	P	P	05 23 06.8	-1.0
AMTX	Amarillo	92.72 48	P	P	05 23 09.2	-0.3
AMTX	Amarillo	92.72 48	eP	P	05 23 11.0	+1.5
K37A	Belmond	92.77 38	P	P	05 23 09.1	-0.4
P34A	Walnut Farm, R	93.00 42	P	P	05 23 10.1	-0.4
V31A	Spring Creek L	93.41 47	P	P	05 23 12.6	0.0
R34A	Isella, Hill	93.52 44	P	P	05 23 12.8	-0.2
L38A	Oak Wood Farm,	93.56 39	P	P	05 23 13.0	-0.1
Q35A	Mercer Eighty,	93.91 43	P	P	05 23 14.7	-0.1
M38A	Pleasantville	93.91 39	P	P	05 23 14.7	0.0
P36A	Good Intent, A	93.92 42	P	P	05 23 14.7	-0.1
V32A	Arapaho	93.97 47	P	P	05 23 15.0	-0.1
S34A	Willow Spring	93.98 44	P	P	05 23 15.3	+0.2
R35A	Emporia Munci	94.15 43	P	P	05 23 15.7	-0.2
W32A	Sentinel	94.19 47	P	P	05 23 15.5	-0.6
P37A	Lattop	94.44 41	P	P	05 23 16.3	-0.9
S35A	Otter Creek Ra	94.48 44	P	P	05 23 16.6	-0.8
TXAR	Lajitas Array	94.51 54	P	P	05 23 17.5	-0.3
TXAR	Lajitas Array	94.51 54	P	P	05 23 17.5	-0.3
TXAR	Lajitas Array	94.51 54	P	P	05 23 17.5	-0.3
R36A	Gordon, Harris	94.57 43	P	P	05 23 17.1	-0.7
V34A	Guthrie	94.88 46	P	P	05 23 19.0	-0.2
P38A	Dawn	94.90 41	P	P	05 23 18.9	-0.3
Z32A	Haskell	95.13 49	P	P	05 23 19.4	-1.0
T37A	Boggs Farm, Ca	95.14 44	P	P	05 23 19.6	-0.8
S36A	Fort Scott	95.34 43	P	P	05 23 20.3	-1.0
Q39A	Willow Grove F	95.60 41	P	P	05 23 21.6	-0.9
R38A	Fentwick Farm,	95.62 42	P	P	05 23 21.8	-0.7
S30A	J-C Ranch, Com	95.71 52	P	P	05 23 22.1	-1.1
S31A	Reedsprings	96.26 52	P	P	05 23 24.9	-0.8
V37A	Hulbert	96.35 44	P	P	05 23 25.0	-0.9
U38A	Gravette	96.46 44	P	P	05 23 25.5	-0.9
R40A	Maddies Statio	96.52 41	P	P	05 23 26.0	-0.6
V38A	Canehill	96.82 44	P	P	05 23 26.9	-1.2
X37A	Liman Verde	97.03 46	P	P	05 23 28.3	-0.7
832A	Faith Ranch, C	97.76 53	P	P	05 23 31.5	-1.0
TORD	Lordi Ar. Bea	125.74 313	PKP	PKPdf	05 28 57.6	-1.7
PTGA	Pittinga	145.32 45	PKPbc	PKPbc	05 29 33.8	-1.6
LPZ	La Paz	148.55 77	PKPbc	PKPbc	05 29 43.9	-1.4
LPZ						

Table with columns: FLN, La Foliniere, 9.48 211 ePn, Pn, 05 15 17.6 -4.0, etc.

ISC/JB 22 05:15:33.7-0.5, 26.73N-0.07; 143.60E:0.06, h10km, mb4.0/21, Error ellipse: s-maj=11.3km s-min=7.4km

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

ISC 22 05:16:41.6-1.2, 26.85N-143.47E, h0km, mb3.75, mb1 3.9/7, mb1mx3.6/75, mbtmp3.7/7, ML3.6/2, Error ellipse: s-maj=34.0km s-min=27.3km az=72.0, Bonin Islands region

0.3nm, 0.8s, baz=294, slow=6.0, SNR=2.6 PDAR Pinedale Array 83.58 45 P P 05 29 11.2 -1.0

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

BJJ 22 05:18:43.1, 26.87N-143.67E, h7km, mb4.6/33, mb4.9/24, Ms4.5/16, Ms7.4/216 MOS 22 05:18:43.9, 1.2, 27.11N:143.79E, h10km, mb4.5/34, Error ellipse: s-maj=13.1km s-min=6.8km az=112.1

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

Table with columns: KSAR, Wunju Array Be, 16.95 312 Pn, P, 05 22 44.9 +0.1, etc.

22d 5h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KSH Kashi, ILAR Eielson Array, and various ARU and BVAR stations.

2010 DEC

Table with columns: LPAZ, LAMC, LVC, and various station codes. Includes stations like GUMO Gumbo, USRK Ussuriysk Arr, and various ARU and BVAR stations.

1126

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MKAR Makanchi Array, INK Inuvik, and various ARU and BVAR stations.

22d 5h

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

2010 DEC

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

1128

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ELK, BOZ, FFC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like I25A, RAYN, A30A, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PKSM, K35A, MNTX, etc.

ISC 22 05:41:19.3±1.2, 26.68N×143.87E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.8/43, mbtmp4.0/8, ML3.8/1, 1C, Error ellipse: s-maj=33.3km s-min=26.1km az=90.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR Matsuhiro Arr, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea.

IDC 22 05:48:11.9.2.1, 27.06N, 143.67E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/41, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=48.8km s-min=27.7km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, WRA Warrungarra Arr, MKAR Makanchi Array, KURBB Kurchatov Arr, NVAR Mina Array Bea.

ISCJB 22 05:48:27.2.0.6, 27.03N, 0.09, 143.51E, 0.06, h10km, mb3.9/1.9, Error ellipse: s-maj=13.4km s-min=7.2km az=175.9

IDC 22 05:48:27.5.0.8, 27.10N, 143.48E, h0km, mb3.9/16, mb1 4.1/17, mb1mx3.9/41, mbtmp3.9/17, ML2.4/1, Error ellipse: s-maj=22.4km s-min=18.0km az=179.0

NEIC 22 05:48:28.9.0.5, 27.05N, 143.50E, h10km, mb4.3/2, Error ellipse: s-maj=11.9km s-min=10.4km az=196.0

ISC 22 05:48:29.0.8.2, 27.10N, 0.1, 143.46E, 0.07, h10km, n25, c055/27, mb3.8/18, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJJ Chichijima, KSRSS Korea Array, KSAR Wonju Array Bea, USRUK Ussuriysk Arr, KLR Kul'dur, SONMI Sogingo Array, WRAB Tennant Creek, WRA Warrungarra Arr, ZALV Zalesovo Beam, KURKB Kurchatov, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, ABKAR Abkutal array, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Bea, AKASO Malin Array Bea, PDAR Pinedale Array, BRTR Keskin Array B, TXAR Lajitans Array, LPAZ La Paz.

ISCJB 22 05:50:25.0.0.5, 26.97N, 0.08, 143.76E, 0.06, h10km, mb3.9/20, Error ellipse: s-maj=11.7km s-min=7.2km az=0.3

IDC 22 05:50:25.2.0.7, 27.02N, 143.73E, h0km, mb3.9/16, mb1 4.0/19, mb1mx3.9/42, mbtmp3.8/19, ML6.3/3, Error ellipse: s-maj=18.4km s-min=17.2km az=24.0

NEIC 22 05:50:26.7.0.4, 27.00N, 143.75E, h10km, mb4.4/3, Error ellipse: s-maj=10.5km s-min=8.9km az=53.0

ISC 22 05:50:26.8.0.7, 27.00N, 0.1, 143.59E, 0.08, h10km, n29, c073/34, mb3.9/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, CJJ Chichijima, CBJJ Chichijima, MJAR Matsuhiro Arr, KSRSS Korea Array, KSAR Wonju Array Bea, USRUK Ussuriysk Arr, KLR Kul'dur, SONMI Sogingo Array, WRAB Tennant Creek, WRA Warrungarra Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, KURKB Kurchatov, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, KKAR Karatay Array, INK Inuvik, ARU Aru, ABKAR Abkutal array, YKA Yellowknife Arr, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVAR Mina Array Bea, PDAR Pinedale Array, BRTR Keskin Array B, TXAR Lajitans Array, PTGA Pitinga, LPAZ La Paz.

ISCJB 22 05:51:27.6.1.1, 27.0N, 0.1, 143.56E, 0.10, h10km, mb4.0/5, Error ellipse: s-maj=19.0km s-min=12.4km az=176.5

IDC 22 05:51:27.7.1.2, 26.96N, 143.51E, h0km, mb4.0/5, mb1 4.1/17, mb1mx3.6/42, mbtmp3.9/17, ML3.1/2, Error ellipse: s-maj=27.7km s-min=23.9km az=63.0

ISC 22 05:51:29.2.1.2, 27.00N, 0.1, 143.5E, 0.10, h10km, n8, c063/9, mb4.0/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, USRUK Ussuriysk Arr, KLR Kul'dur, WRA Warrungarra Arr, KURBB Kurchatov Arr, BVAR Borovoye Array, NVAR Mina Array Bea.

WEL 22 05:53:17.8.0.4, 39.01S, 175.34E, h153km, 2km, ML3.5/0, 9C-2D, Error ellipse: s-maj=3.1km s-min=2.4km az=99.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TWVZ Taurewa, TWVZ Taurewa, OTVZ Oturere, WNVZ Wahianoa, MTVZ Mangateitei, MVZ Veia Road, VOZ Moawhango, MOVZ Movz, BHVZ Black Hill Sta, KHZ Kahuakahi, WAZ Wanganui, MRHZ Matea Rd, MRVZ Matea Rd, BKZ Black Stump Fm, BKZ Black Stump Fm, KHVZ Kaweka Forest, KWHZ Kereru, PNHZ Pukenui, KAHZ Kahurangi Hill, TSH Takapanui Road, ARHZ Aroapanui, WPHZ Waipukurua, WPHZ Waipukurua, POWZ Post Office Ro, KAHZ Kahurangi Hill, DVHZ Dannevirke, CKHZ Cape Kidnapper, PXZ Pawanui, URJZ Urewera, URJZ Urewera, PRHZ Porangahau, PRWZ Port Road, MRZ Mangatainoka R, MRZ Mangatainoka R, ANVZ Angora Road, BFZ Birch Farm, KNZ Kokohu, CGVZ Otaki George, MWZ Matawai, KIW Kiriwai, RIGZ Rimuhau, RIGZ Rimuhau, PRHZ Paritua Road, PRHZ Mahia Peninsula, CAW Cannon Point, CAW Cannon Point, TWVZ Te Maipo, MTW Mount Morrison, TWGZ Tauwhareparea, HAZ Te Kaha, TCW Tory Channel, TCW Tory Channel, MSWZ Moikau Station, MSWZ Moikau Station, PKGZ Pakihoroa, TUWZ Tuamarina, TUWZ Tuamarina, TUWZ Tuamarina, NNZ Nelson, WMGZ Waioamatatini S, QRZ Quartz Range, BRW Blackbirch Sta.

ISCJB 22 05:55:41.9.0.9, 27.1N, 0.1, 143.58E, 0.09, h10km, mb3.5/6, Error ellipse: s-maj=15.5km s-min=11.5km az=174.2

IDC 22 05:55:42.5.0.9, 27.03N, 143.55E, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.5/36, mbtmp3.5/7, ML3.8/1, Error ellipse: s-maj=24.5km s-min=19.9km az=100.0

ISC 22 05:55:43.5.1.0, 27.00N, 0.1, 143.54E, 0.08, h10km, n9, c125/10, mb3.4/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, KLR Kul'dur, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr, LPAZ La Paz.

IDC 22 05:58:13.7.6.5, 26.70N, 143.79E, h0km, mb3.5/2, Error ellipse: s-maj=24.6km s-min=30.5km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, WRA Warrungarra Arr, MKAR Makanchi Array.

IDC 22 05:58:33.4.1.4, 26.64N, 143.32E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.4/35, mbtmp3.4/4, ML3.6/1, Error ellipse: s-maj=79.5km s-min=25.4km az=98.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, WRA Warrungarra Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 22 06:01:39.7.2.6, 27.04N, 143.56E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/35, mbtmp3.6/7, ML3.7/1, Error ellipse: s-maj=69.4km s-min=24.5km az=169.0

ISCJB 22 06:01:40.9.1.4, 27.3N, 0.2, 143.5E, 0.11, h10km, mb3.5/6, Error ellipse: s-maj=31.3km s-min=10.2km az=159.5

ISC 22 06:01:41.6.1.8, 27.1N, 0.3, 143.49E, 0.09, h10km, n8, c090/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsuhiro Arr, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, YKA Yellowknife Arr, FINES FINESS Array B, PDAR Pinedale Array.

ISCJB 22 06:01:46.3.0.5, 26.24N, 0.08, 144.07E, 0.07, h10km, mb3.2/0, Error ellipse: s-maj=12.4km s-min=7.6km az=33.0

IDC 22 06:01:46.7.0.7, 26.28N, 144.0E, h0km, mb4.1/17, mb1 4.3/18, mb1mx2.4/36, mbtmp4.1/18, ML3.9/1, Error ellipse: s-maj=20.2km s-min=17.9km az=90.0

NEIC 22 06:01:48.4.0.5, 26.26N, 144.00E, h10km, mb4.2/1, Error ellipse: s-maj=12.1km s-min=9.0km az=218.0

ISC 22 06:01:48.3.0.7, 26.3N, 0.1, 144.05E, 0.10, h10km, n28, c150/27, mb4.2/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJJ Chichijima, JCJ Chichijima, MJAR Matsuhiro Arr, KSRSS Korea Array, KSAR Wonju Array Bea, USRUK Ussuriysk Arr, KLR Kul'dur, SONMI Sogingo Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warrungarra Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, BVAR Borovoye Array, KKAR Karatay Array, INK Inuvik, ABKAR Abkutal array, YKA Yellowknife Arr, NVAR Mina Array Bea, LRM Limestone Ridge, PDAR Pinedale Array, NOA NORAS Array B, BRTR Keskin Array B, LPAZ La Paz.

ISCJB 22 06:02:34.4.0.8, 27.7N, 0.1, 144.4E, 0.2, h10km, mb3.7/8, Error ellipse: s-maj=21.2km s-min=16.5km az=165.5

IDC 22 06:02:34.9.1.4, 27.68N, 144.41E, h0km, mb3.7/8, mb1 3.9/10, mb1mx3.7/38, mbtmp3.7/10, ML3.6/2, Error ellipse: s-maj=31.6km s-min=22.4km az=96.0

ISC 22 06:02:36.3.1.0, 27.7N, 0.1, 144.3E, 0.2, h10km, n10, c135/10, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR Matsuhiro Arr, KSRSS Korea Array, WRA Warrungarra Arr, MKAR Makanchi Array, ASAR Alice Springs, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, YKA Yellowknife Arr, PDAR Pinedale Array.

22d 6h

2010 DEC

1132

Table with columns for station code, name, frequency, and various performance metrics (e.g., SNR, error rates). Includes stations like SNY, CN2, QZH, H11N2, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like LZH, ULN, SONA1, SEY, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like BILL, PHET, KHLT, etc.

Table with columns: PDGK, comp, pmax, pmax, 06 19 59.2 -0.3, etc. Includes stations like Kodiak Island, Thorofare Moun, MLY, Palmer, Reindeer, etc.

Table with columns: SOKR, Solikamsk, 65.55 326.0, P, 06 21 21.8 +0.9, etc. Includes stations like Solikamsk, Dease Lake, Akbulak array, etc.

Table with columns: KBZ, Khabaz, 79.00 313, P, 06 22 41.2 -0.4, etc. Includes stations like Khabaz, Kislovodsk, etc.

Table with columns: SIM, Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Contains station data for various locations like Trail Mountain, NORSAR Subarra, etc.

Table with columns: QJC, Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Contains station data for various locations like Ojcow, Aery, Baudette, etc.

Table with columns: NEIC, Code, Station Name, Az, El, AzE, Phase, ID, Time, Res, ISC. Contains station data for various locations like Chichi jima, Matushiro Arr, etc.

ISC/JB 22 06:11:53.0:0.6,27.10N:0.07:143.79E:0.06, h10km, mb4.6/12, Error ellipse: s-maj=10.8km s-min=7.4km az=172.6

ISC 22 06:11:54.9:0.8,27.10N:0.1:143.77E:0.08, h10km, mb4.6/12, Error ellipse: s-maj=11.5km s-min=9.4km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCCESS Array B, TORO Torodi Arr, and IDC 22 06:18:30.61.4, 27.20N:143.85E, h0km, mb3.5/3.

ISCJB 22 06:19:10.2.0.5, 26.81N:0.07:143.63E:0.06, h10km, mb4.2/24, Error ellipse: s-maj=10.5km s-min=7.6km az=23.8

IDC 22 06:19:10.6.0.6, 26.83N:143.59E, h0km, mb4.0/18, mb1.4/2.21, mb1mx4.1/4.8, mbtmp4.0/2.1, ML3.4/3, Error ellipse: s-maj=20.5km s-min=14.1km az=88.0

NEIC 22 06:19:12.1.0.3, 26.85N:143.56E, h10km, mb4.5/3, Error ellipse: s-maj=7.4km s-min=6.1km az=221.0

ISC 22 06:19:12.1.0.7, 26.9N:0.1:143.58E:0.09, h10km, n31, c058/31, mb4.2/24, Bonin Islands region

Main table listing stations like Chichi jima, Matushiro Arr, Korea Array, Wra Warrungarra Arr, etc. with their respective coordinates and parameters.

ISCJB 22 06:19:35.5.0.5, 27.01N:0.08:143.73E:0.05, h10km, mb4.3/24, Error ellipse: s-maj=11.1km s-min=6.9km az=2.0

IDC 22 06:19:35.7.0.6, 27.07N:143.80E, h0km, mb4.2/19, mb1.4/4.21, mb1mx4.3/4.7, mbtmp4.2/2.1, ML4.0/2, Error ellipse: s-maj=18.3km s-min=16.1km az=107.0

NEIC 22 06:19:37.3.0.4, 27.07N:143.70E, h10km, mb4.4/2, Error ellipse: s-maj=9.2km s-min=7.3km az=186.0

ISC 22 06:19:37.4.0.7, 27.01N:0.1:143.58E:0.07, h10km, n31, c058/31, mb4.3/24, Bonin Islands region

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Matushiro Arr, Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, BRTR Keskin Array B, TXAR Torodi Arr, LPZA La Paz.

NIED 22 06:20:00.27.20N:143.80E, h5km, Mw4.6 Best double couple: M8.46000:1015 NP1:az299.0000; R38.00000; 1-85.00000; NP2:az114.00000; R53.00000; 1-94.00000

ISCJB 22 06:20:31.5.0.5, 26.95N:0.06:143.88E:0.04, h10km, mb4.5/33, MS3.6/3, Error ellipse: s-maj=8.4km s-min=5.0km az=167.8

IDC 22 06:20:31.1.0.5, 26.74N:143.88E, h0km, mb4.5/25, mb1.4/6.27, mb1mx4.5/4.6, mbtmp4.5/2.7, ML4.1/2, MS3.8/4, Ms1.3/8.4, ms1mx3.2/4.5, Error ellipse: s-maj=15.5km s-min=13.1km az=79.0

NEIC 22 06:20:32.6.0.3, 26.77N:143.85E, h10km, mb4.9/4, Mw4.6(NIED), Error ellipse: s-maj=8.9km s-min=7.0km az=65.0

JMA 22 06:20:33.0.3.0.1, 27.18N:143.76E, h6km, 3km, M5.2

ISC 22 06:20:32.7.0.5, 26.77N:0.08:143.82E:0.05, h10km, n67, c058/61, mb4.7/33, MS3.7/3, Bonin Islands region

Main table listing stations like Haha-jima-NKT, Chichi jima, Matushiro Arr, Korea Array, Wra Warrungarra Arr, etc. with their respective coordinates and parameters.

ISCJB 22 06:26:31.9.0.5, 26.97N:0.07:143.51E:0.06, h10km, mb3.8/17, Error ellipse: s-maj=10.6km s-min=7.1km az=5.5

IDC 22 06:26:32.3.0.7, 27.02N:143.44E, h0km, mb3.8/15, mb1.4/0.18, mb1mx3.9/4.4, mbtmp3.8/1.8, ML3.3/8, Error ellipse: s-maj=16.1km s-min=15.8km az=174.0

NEIC 22 06:26:33.7.0.4, 27.01N:143.45E, h10km, mb4.2/2, Error ellipse: s-maj=9.4km s-min=7.8km az=70.0

ISC 22 06:26:33.8.0.6, 27.03N:0.10:143.45E:0.06, h10km, n25, c054/28, mb3.9/17, Bonin Islands region

Main table listing stations like Chichi jima, Matushiro Arr, Korea Array, Wra Warrungarra Arr, etc. with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vnda Vanda, TORO Torodi Arr, PLCA Paso Flores, LPZA La Paz.

ISCJB 22 06:25:40.9.0.8, 27.2N:0.1:143.53E:0.09, h10km, mb3.9/6, Error ellipse: s-maj=16.6km s-min=10.6km az=159.2

IDC 22 06:25:41.3.0.9, 27.19N:143.45E, h0km, mb3.8/6, mb1.4/0.7, mb1mx3.6/4.2, mbtmp3.8/1.7, ML3.8/1, Error ellipse: s-maj=24.6km s-min=18.2km az=131.0

ISC 22 06:25:42.9.1.0, 27.2N:0.1:143.4E:0.1, h10km, n8, c033/39, mb3.8/6, Bonin Islands region

Main table listing stations like Chichi jima, Matushiro Arr, Korea Array, Wra Warrungarra Arr, etc. with their respective coordinates and parameters.

ISCJB 22 06:26:31.9.0.5, 26.97N:0.07:143.51E:0.06, h10km, mb3.8/17, Error ellipse: s-maj=10.6km s-min=7.1km az=5.5

IDC 22 06:26:32.3.0.7, 27.02N:143.44E, h0km, mb3.8/15, mb1.4/0.18, mb1mx3.9/4.4, mbtmp3.8/1.8, ML3.3/8, Error ellipse: s-maj=16.1km s-min=15.8km az=174.0

NEIC 22 06:26:33.7.0.4, 27.01N:143.45E, h10km, mb4.2/2, Error ellipse: s-maj=9.4km s-min=7.8km az=70.0

ISC 22 06:26:33.8.0.6, 27.03N:0.10:143.45E:0.06, h10km, n25, c054/28, mb3.9/17, Bonin Islands region

Main table listing stations like Chichi jima, Matushiro Arr, Korea Array, Wra Warrungarra Arr, etc. with their respective coordinates and parameters.

22d 6h

1.0m, 0.7s, baz=22, slow=9.3, SNR=5.7

ISCJB 22 06:34:12.3, 0.4, 26.82N, 0.06:143.98E, 0.05, h10km, mb4.4/26, MS3.5/3, Error ellipse: s-maj=8.7km s-min=6.6km az=16.0

IDC 22 06:34:12.7, 0.5, 26.83N, 143.98E, h0km, mb4.3/21, mb1.4/24, mb1mx3.4/22, mbmp3.4/24, ML3.6/4, Ms1.3/6.4, ms1mx3.1/37, Error ellipse: s-maj=18.0km s-min=12.3km

NEIC 22 06:34:14.1, 0.3, 26.84N, 143.96E, h10km, mb4.8/3, Error ellipse: s-maj=8.3km s-min=6.4km az=71.0

ISC 22 06:34:14.2, 0.5, 26.88N, 0.08:143.92E, 0.07, h10km, n41, c084/47, mb4.3/26, MS3.8/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

NIED 22 06:37:00.27, 40N, 143.50E, h11km, Mw4.1 Best double couple: Mo1.68000x10^15, NP1.3e27, 0.00000, 0.857, 0.00000, 1.7, 0.00000, NP2.0e29, 0.00000, 0.884, 0.00000, 1.4, 0.00000

IDC 22 06:37:53.7, 0.8, 27.21N, 143.63E, h0km, mb4.1/19, mb1.4/223, mb1mx4.1/48, mbmp3.6/123, ML4.1/4, Error ellipse: s-maj=20.4km s-min=16.5km az=95.0

NEIC 22 06:37:55.1, 0.4, 27.25N, 143.66E, h10km, mb4.5/4, Mw4.1 (NIED), Error ellipse: s-maj=10.4km s-min=8.1km az=86.0

JMA 22 06:37:57.6, 0.1, 27.43N, 143.47E, h57km, M4.8

ISCJB 22 06:37:59.1, 0.7, 27.57N, 0.05:143.35E, 0.08, h33km, mb4.1/23, Error ellipse: s-maj=10.7km s-min=5.4km az=30.6

ISC 22 06:37:60.0, 0.8, 27.43N, 0.07:143.43E, 0.09, h35km, n43, c151/48, mb4.2/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like SONGM Songo Array, CMAR Chiang Mai Arr, etc.

ISCJB 22 06:45:01.4, 0.7, 27.0N, 0.1:143.78E, 0.08, h10km, mb3.8/13, Error ellipse: s-maj=15.2km s-min=10.0km az=176.2

IDC 22 06:45:01.7, 0.7, 26.99N, 143.80E, h0km, mb3.8/13, mb1.4/0.14, mb1mx3.8/5.1, mbmp3.8/14, ML3.9/1, Error ellipse: s-maj=19.9km s-min=16.1km az=99.0

ISC 22 06:45:03.0, 0.8, 27.0N, 0.1:143.73E, 0.09, h10km, n16, c151/19, mb3.9/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

ISCJB 22 06:48:58.0, 0.8, 26.8N, 0.1:143.79E, 0.10, h10km, mb3.7/10, Error ellipse: s-maj=17.0km s-min=12.1km az=18.5

IDC 22 06:48:59.1, 0.9, 26.80N, 143.74E, h0km, mb3.6/10, mb1.3/7.1, mb1mx3.6/5.3, mbmp3.6/11, ML3.9/1, Error ellipse: s-maj=31.7km s-min=19.4km az=78.0

ISC 22 06:49:00.7, 1.0, 26.9N, 0.1:143.69E, 0.10, h10km, n13, c083/13, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

ISCJB 22 06:49:42.3, 0.9, 27.0N, 0.1:143.86E, 0.09, h10km, mb3.7/10, Error ellipse: s-maj=19.0km s-min=11.0km az=175.7

IDC 22 06:49:42.6, 1.0, 26.99N, 143.95E, h0km, mb3.7/10, mb1.3/9.1, mb1mx3.7/5.3, mbmp3.8/11, ML4.1/1, Error ellipse: s-maj=27.2km s-min=23.7km az=48.0

ISC 22 06:49:44.2, 1.0, 27.0N, 0.1:143.8E, 0.11, h10km, n13, c088/13, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

1136

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like ILAR Eielson Array, BVAR Borovoye Array, etc.

ISCJB 22 06:51:51.5, 0.9, 26.9N, 0.1:143.74E, 0.10, h10km, mb4.0/11, Error ellipse: s-maj=17.1km s-min=12.8km az=2.4

IDC 22 06:51:51.9, 1.3, 26.85N, 143.64E, h0km, mb4.0/11, mb1.4/1.14, mb1mx3.8/5.2, mbmp3.4/0.14, ML3.2/2, Error ellipse: s-maj=28.2km s-min=23.7km az=76.0

ISC 22 06:51:53.5, 1.1, 26.9N, 0.1:143.62E, 0.09, h10km, n15, c063/16, mb4.0/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

ISCJB 22 06:54:01.4, 0.7, 26.85N, 0.10:143.72E, 0.08, h10km, mb3.8/13, Error ellipse: s-maj=14.1km s-min=10.5km az=13.1

IDC 22 06:54:02.1, 0.8, 26.88N, 143.60E, h0km, mb3.7/13, mb1.3/9.14, mb1mx3.7/5.4, mbmp3.7/14, ML3.8/1, Error ellipse: s-maj=19.4km s-min=16.7km az=77.0

ISC 22 06:54:03.6, 0.8, 26.9N, 0.1:143.81E, 0.09, h10km, n15, c084/16, mb3.8/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

ISCJB 22 06:54:56.0, 1.0, 26.8N, 0.1:143.76E, 0.09, h10km, mb3.9/4, Error ellipse: s-maj=19.1km s-min=11.6km az=178.5

IDC 22 06:54:56.5, 1.1, 26.92N, 143.78E, h0km, mb3.9/9, mb1.4/1.10, mb1mx3.8/5.2, mbmp3.9/10, ML4.0/1, Error ellipse: s-maj=25.8km s-min=24.8km az=62.0

ISC 22 06:54:57.5, 1.0, 26.9N, 0.1:143.70E, 0.10, h10km, n13, c126/14, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

NIED 22 06:59:00.27, 20N, 143.40E, h37km, Mw4.1 Best double couple: Mo1.86000x10^15, NP1.3e37, 0.00000, 0.839, 0.00000, 2.8, 0.00000, NP2.0e144, 0.00000, 0.852, 0.00000

BJI 22 06:59:06.4, 26.78N, 143.22E, h11km, mb4.6/13, mb4.7/16, IDC 22 06:59:07.4, 0.6, 27.07N, 143.36E, h0km, mb4.1/23, mb1.4/2.26, mb1mx4.2/43, mbmp3.4/126, ML3.4/3, MS3.0/4, Ms1.3/2.0, ms1mx2.6/43, Error ellipse: s-maj=14.7km s-min=11.4km az=24.0

MOS 22 06:59:07.2, 1.1, 27.01N, 143.38E, h12km, mb4.6/27, Error ellipse: s-maj=14.7km s-min=7.4km az=118.9

NEIC 22 06:59:08.0, 3.0, 27.08N, 143.39E, h10km, mb4.8/12, Mw4.1 (NIED), Error ellipse: s-maj=6.1km s-min=5.8km az=145.0

ISCJB 22 06:59:10.6, 0.4, 27.13N, 0.05:143.41E, 0.04, h33km, mb4.1/23, Error ellipse: s-maj=17.1km s-min=12.8km az=2.4

mb4.3/41,MS3.0/2,Error ellipse: s-maj=7.3km s-min=4.8km az=155.6 JMA 22 06:59:10.4,0.2,27.25N,143.38E,h62km,M4.3 ISC 22 06:59:13.0,0.5,27.20N,0.06:143.31E,0.06,h35km,m107, o16/115,mb4.4/41,I,C,Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: ARU, Arti, 64.96 322z, P, 07 09 49.0, 0.0, 07 12 09.8, 0.0, 07 18 32.5, +4.4, 07 22 40.4, +1.6. Lists station names and their recorded data.

IDC 22 07:00:00.0,0.9,27.02N,143.76E,h0km,mb3.8/17, m1 4.0/16,mb1mx3.8/47,mbtmp3.8/16,ML3.6,MS2.9/2, MS1 3.9/2,ms1mx2.5/41,mbtmp3.8/16,MS2.9/2, s-min=18.2km az=93.0

NIED 22 07:01:00.27,30N,143.70E,h0km,Mw4.1 Best double couple: M1:70000,1015 NP1:262,00000,877,00000,1,47,00000, 1,16,00000, NP2:262,00000,877,00000,1,47,00000

NEIC 22 07:01:01.6,0.7,27.06N,143.69E,h10km,mb4.3/1,Error ellipse: s-maj=16.4km s-min=10.6km az=80.0 JMA 22 07:01:02.7,0.3,27.25N,143.71E,h38km,M3.8 ISCJB 22 07:01:03.2,0.6,27.17N,0.06:143.70E,0.05,h33km, mb3.8/14,Error ellipse: s-maj=9.4km s-min=6.0km az=149.3

ISC 22 07:01:05.9,0.9,27.19N,0.08:143.58E,0.09,h35km,m29, r130/34,mb3.8/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

2.4nm,1.1s,baz=90,slow=2.9,SNR=2.7 AKASG Malin Array Be 83.27 324 P 07 13 28.9 +0.1 0.2nm,0.3s,baz=186,slow=18,SNR=7.3

ISCJB 22 07:02:38.2,0.5,27.05N,0.07:143.42E,0.05,h10km, m4.0/23,Error ellipse: s-maj=9.9km s-min=7.0km az=178.6 IDC 22 07:02:38.5,0.6,27.05N,143.42E,h0km,mb3.9/20, mb1 4.1/23,mb1mx4.0/16,mbtmp3.9/23,ML3.4/3,Error ellipse: s-maj=17.4km s-min=16.1km az=78.0 NEIC 22 07:02:40.0,0.4,27.05N,143.39E,h10km,mb4.2/2,Error ellipse: s-maj=9.6km s-min=8.2km az=69.0 ISC 22 07:02:40.0,0.6,27.00N,0.1:143.39E,0.07,h10km,n32, o081/35,mb4.0/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

ISCJB 22 07:06:23.4,0.6,27.02N,0.08:143.93E,0.1,h10km, mb3.8/19,MS3.6/1,Error ellipse: s-maj=16.1km s-min=11.2km az=158.6

IDC 22 07:06:23.6,0.8,27.01N,143.91E,h0km,mb3.8/17, mb1 3.9/20,mb1mx3.8/51,mbtmp3.8/20,ML3.4/3,MS3.6/1, MS1 3.6/11,mb1mx2.4/42,Error ellipse: s-maj=22.2km s-min=18.4km az=93.0

NEIC 22 07:06:25.3,0.5,27.04N,143.90E,h10km,mb4.3/2,Error ellipse: s-maj=13.8km s-min=9.6km az=75.0 ISC 22 07:06:25.4,0.9,27.11N,0.1:143.93E,0.1,h10km,n25, o088/24,mb3.9/19, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Haha-jima-NKT, BSO4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

NIED 22:07:14:0.2, 27:20N, 143:90E, h5km, Mw4.4 Best double couple: M=4.08000e+19, N1=309.00000, s=46.00000, l=11.00000. NP2=156.00000, s=47.00000, l=71.00000

IDC 22:07:14:52.4, 0.5, 26:74N, 144:07E, h0km, mb4.4/22, mb1 4.5/25, mb1mx4.4/48, mb1mx3.2/25, ML3.9/3, Error ellipse: s-maj=14.8km s-min=12.8km az=98.0

NEIC 22:07:14:53.9, 0.3, 26:74N, 144:06E, h10km, mb4.9/5, Mw4.3(NIED), Error ellipse: s-maj=8.3km s-min=7.3km az=74.0

ISC/JB 22:07:14:55.4, 0.4, 26:81N, 0:05, 144:12E, 0:04, h33km, mb4.5/28, Error ellipse: s-maj=7.4km s-min=5.4km az=7.6

JMA 22:07:14:59.2, 0.3, 27:18N, 143:94E, h6km, M4.4, ISC 22:07:14:57.8, 0.5, 26:38N, 0:07, h44.06E, 0:07, h35km, n53, l=1917/53, mb4.5/28, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Haha-jima-NKT, BSO4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DKL Dikili, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SMTH Samotraki Isl, SMTH Samotraki Isl, SMTH Samotraki Isl, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ERIK Eriki-Kesan, ERIK Eriki-Kesan, CHOS Chios island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BALLY Balya, BALLY Balya, URLA Izmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ALEXANDROUPLI Alexandroupoli, ALEXANDROUPLI Alexandroupoli, ALEXANDROUPLI Alexandroupoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SARF Sarkoy-Tekirda, SARF Sarkoy-Tekirda, SARF Sarkoy-Tekirda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BALB Balikesir, BALB Balikesir, IZM Izmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MRMT Marmara Adasi, MRMT Marmara Adasi, EDC Edincik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BNT Bandirma, BNT Bandirma, DGB Zmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AOS Alonnissos, AOS Alonnissos, OUR Ouranopolis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SMG Samos, SMG Samos, SMG Samos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DST Dursunbey, DST Dursunbey, GCAM G?zelcamli?, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AYDB Aydinli-Yayli, ORL Orhaneli, ORL Orhaneli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KULA Kula-Manisa, KULA Kula-Manisa, MDNY Mladanya-Bursa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like EDRB Edirne, ARMT Armutlu, ARMT Armutlu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SOH Sokhos, SOH Sokhos, SRS Serrai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SRS Serrai, NVR Nevrokopi, ULDT Uludag, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ULDT Uludag, HORT Horiatias, HORT Horiatias, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like APE Apatantios, CTYL Yal??k??y??tat, GEMT Gemlik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GEMT Gemlik, BGKT Bogazkoy, TVSB Tavsanli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TVSB Tavsanli, MMB Musomisiste, MMB Musomisiste, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IZI Iznik, IZK Istanbul-Kandi, IZK Istanbul-Kandi, etc.

IDC 22:07:09:41.2, 9, 54:08N, 86:54E, h0km, mb1 2.8/2, mb1mx2.7/54, mbtimp2.8/2, ML2.4/2, Error ellipse: s-maj=23.6km s-min=14.1km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC/JB 22:07:14:11.2, 0.6, 31N, 0:07, 144:0E, 0:1, h10km, mb4.1/11, Error ellipse: s-maj=13.9km s-min=10.2km az=163.8

IDC 22:07:14:12.0, 0.9, 26:92N, 143:89E, h0km, mb4.1/10, mb1 4.1/13, mb1mx3.9/49, mbtimp4.1/13, ML3.4/3, Error ellipse: s-maj=17.4km s-min=15.9km az=78.0

NEIC 22:07:14:13.2, 0.4, 26:90N, 143:91E, h10km, mb4.4/1, Error ellipse: s-maj=11.7km s-min=7.9km az=75.0

ISC 22:07:14:13.2, 0.9, 26:9N, 0:1, 143:9E, 0:1, h10km, n24, c=67/25, mb4.1/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Chichi jima, Chichi jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like WARRAMUNGA ARR Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FITZ Fitzroy Crossi, CHGN Chignik, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MKAR Makanchi Array, KURK Kurchatov, KURB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ILAR Eielson Array, EKSS Erkin-Say, KKR Karatay Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FINES FINESS Array B, AKASG Malin Array Bea, LPAZ La Paz, etc.

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

ISK 22:07:19:50.6, 39:60N, 26:06E, h8km, MD3.1 DDA 22:07:19:50.4, 39:59N, 26:09E, h24km, M13.9

ISC/JB 22:07:19:50.9, 0.4, 39:61N, 0:01, 26:02E, 0:02, h9km, 3km, Error ellipse: s-maj=3.1km s-min=2.2km az=167.1

ATH 22:07:19:50.6, 39:62N, 26:01E, h19km, MD3.2/14 CSEI/JB 22:07:19:51.6, 0.4, 39:61N, 0:04E, h10km, M13.9, Error ellipse: s-maj=2.7km s-min=2.1km az=57.0

THE 22:07:19:51.2, 39:61N, 26:07E, h6km, 1km, ML3.2/4, Error ellipse: s-maj=2.6km s-min=0.7km az=264.0

ISC 22:07:19:50.6, 1.0, 39:57N, 0:02, 26:04E, 0:02, h7km, 5gkm, n148, c=68/187, h110, 100k, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like BOZC Bozcaada, EZN Ezine, EZN Ezine, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PRK Parasevki, PRK Parasevki, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGR Sigris, SGR Sigris, SGR Sigris, etc.

Table with columns: PLOZ, GZR, GZR, VRI, VRI, BZS, BZS, TESR, TESR, BURAR, BURAR. Includes station names, coordinates, and status.

NIED 22:07:20.00, 27.30N, 143.50E, h5km, Mw4.3 Best double couple: M3.57000, 1015 NP1.3, 147.00000, 844.00000, ...

2010 DEC

Main table listing station names, station IDs, and various parameters for stations like Chichi jima, Matsushiro, etc.

2010 DEC

Main table listing station names, station IDs, and various parameters for stations like ZALV, ASOI, ASAR, etc.

ISCJB 22:07:21:54.2, 1.2, 26.4N, 0.1, 143.3E, 0.3, h10km, mb4.2/5, MS3.5/1, Error ellipse: s-maj=35.5km s-min=16.2km az=166.4

Table with columns: KSR5, USRK, SONM, WRA, FITZ, MKAR, ILAR, YKA. Includes station names, coordinates, and status.

ISC 22:07:25:53.2, 2.3, 0.9N, 127.80E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/40, mbtmp3.4/3, Error ellipse: s-maj=157.6km s-min=25.5km az=67.0, Talaud Islands

2010 DEC

Table with columns: WRA, ASAR, MKAR. Includes station names, coordinates, and status.

NIED 22:07:24.00, 27.20N, 143.60E, h6km, Mw4.6 Best double couple: M3.87100, 1015 NP1.3, 316.00000, 828.00000, ...

Main table listing station names, station IDs, and various parameters for stations like Chichi jima, Matsushiro, etc.

22d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSSSE Seosan, KSDDC Dongducheon, INCN Inchon, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH comp=Z,29nm,1.0s, LZH comp=Z,84nm,4.0s, etc.

1140

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

CHKZ	comp=Z,11nm,0.8s	58.82	318	i P	P	07 34 42.7	-0.9
CHKZ	Chkalovo						
MNAS	comp=Z,13nm,1.1s	58.86	305	i P	P	07 34 44.7	+0.4
MNAS	Mnas						
BRVK	comp=Z,9.0nm,1.1s	59.07	318	eP	P	07 34 45.2	-0.1
BRVK	Borovyoye						
BRVK	comp=Z,3.7nm,2.5s	59.07	318	P	P	07 34 46.5	+1.2
BRVK	Borovyoye						
BRVK	comp=Z,6.6nm,0.8s,SNR=7.1	59.07	318	eP	P	07 34 45.3	0.0
BRVK	Borovyoye						
EGAK	comp=Z,11nm,0.8s	59.85	29	eP	P	07 34 48.2	-0.9
ZRKN	Zerenda						
ZRKN	comp=Z,147nm,2.5s	59.85	318	eP	P	07 34 51.5	+0.8
ZRKN	Zerenda						
BBOO	comp=Z,147nm,2.5s	59.89	187	eP	P	07 34 50.4	-0.7
BBOO	Bucklebo						
KK31	comp=Z,9.5nm,0.8s	60.20	306	eP	P	07 34 53.9	+0.5
KK31	Karatay Array						
KKAR	comp=Z,24nm,0.7s	60.20	306	eP	P	07 34 54.3	+0.9
KKAR	Karatay Array						
DAWY	comp=Z,9.5nm,0.8s	60.20	306	eP	P	07 34 54.2	+0.9
DAWY	Dawson						
INIK	comp=Z,17nm,0.9s	62.60	25	P	P	07 35 09.0	-0.1
INIK	Inuvik						
INIK	comp=Z,6.0nm,0.8s,baz=288,slow=6.4,SNR=27	62.60	25	eP	P	07 35 09.5	+0.4
INIK	Inuvik						
INIK	comp=Z,8.0nm,0.9s	62.60	25	eP	P	07 35 09.5	+0.4
INIK	Inuvik						
KBL	comp=Z,10.0nm,0.8s	63.23	297	eP	P	07 35 15.4	+1.2
KBL	Kabul						
KBL	comp=Z,9.7nm,0.8s	63.23	297	eP	P	07 35 15.4	+1.2
KBL	Kabul						
SVE	comp=Z,31nm,1.0s	64.11	323	iP	P	07 35 20.7	+1.4
SVE	Sverdlovsk						
NWAO	comp=Z,28nm,1.0s	64.65	204	eP	P	07 35 22.5	-0.5
NWAO	Narogin (SRO)						
NWAO	comp=Z,28nm,1.0s	64.65	204	eP	P	07 35 22.5	-0.5
NWAO	Narogin (SRO)						
ARU	comp=Z,28nm,1.0s	65.31	322	iP	P	07 35 27.6	+0.4
ARU	Arti						
ARU	comp=Z,162nm,0.9s,SNR=5.1	65.31	322	eP	P	07 35 27.6	+0.4
ARU	Arti						
ARU	comp=Z,30nm,1.0s	65.31	322	eP	P	07 35 27.8	+0.6
ARU	Arti						
DLBC	comp=Z,29nm,1.3s	65.56	35	eP	P	07 35 30.5	+1.6
DLBC	Dease Lake						
AB31	comp=Z,23nm,1.0s	66.10	315	eP	P	07 35 32.8	+0.4
AB31	Akbulak array						
ABKAR	comp=Z,14nm,0.8s	66.10	315	eP	P	07 35 32.9	+0.5
AKTO	Akbulak array						
AKTO	comp=Z,7.0nm,0.8s	67.02	316	iP	P	07 35 38.1	-0.1
AKTO	Aktyubinsk						
ALE	comp=Z,88nm,0.9s,SNR=6.7	70.01	4	P	P	07 35 57.0	+0.6
ALE	Alert						
GEYT	comp=Z,7.6nm,0.8s,baz=46,slow=4.3,SNR=11	70.65	303	P	P	07 36 01.8	+0.6
GEYT	Alibeck						
SPITS	comp=Z,13nm,20.1s,baz=280,slow=40	70.73	350	LR	LR	08 11 55.4	
SPITS	Spitsbergen Ar						
YKA	comp=Z,9.7nm,0.8s,baz=293,slow=5.9,SNR=33	71.63	29	P	P	07 36 06.3	-0.3
YKA	Yellowknife Ar						
YKA	comp=Z,9.7nm,0.8s,baz=293,slow=5.9,SNR=33	71.63	29	P	P	07 36 06.3	-0.3
YKA	Yellowknife Ar						
RES	comp=Z,4.0nm,0.8s	71.87	14	eP	P	07 36 08.1	+0.3
RES	Resolute Bay						
RES	comp=Z,11nm,1.0s	71.87	14	eP	P	07 36 08.1	+0.3
RES	Resolute Bay						
ITEG	comp=Z,11nm,1.0s	71.89	298	eP	P	07 36 09.4	+0.4
ITEG	Tejag						
TMCR	comp=Z,33nm,0.3s	72.52	334	eP	P	07 36 12.8	+1.0
TMCR	Tamitsa						
KLMR	comp=Z,28nm,1.1s	73.33	330	eP	P	07 36 16.1	-0.6
KLMR	Klimovskoe						
I03D	comp=Z,7.0nm,0.8s	73.95	49	P	P	07 36 21.9	+1.2
I03D	Drain, OR						
ARCES	comp=Z,7.6nm,0.8s,baz=43,slow=5.5,SNR=6.6	74.08	341	P	P	07 36 21.9	+0.9
ARCES	ARCES Array B						
ARCES	comp=Z,7.0nm,0.8s	74.08	341	P	P	07 36 21.9	+0.9
ARCES	ARCES Array B						
I04A	comp=Z,7.0nm,0.8s	74.54	49	P	P	07 36 24.6	+0.4
I04A	Tendick Farm, baz=74						
B08A	comp=Z,1.5nm,0.9s	74.73	43	eP	P	07 36 25.6	+0.4
B08A	Colville Reser						
IBAF	comp=Z,1.5nm,0.9s	74.88	298	eP	P	07 36 27.1	+0.6
IBAF	Bafgh						
I05D	comp=Z,1.5nm,0.9s	75.04	48	eP	P	07 36 27.1	0.0
I05D	Terrebonne, OR						
E07A	comp=Z,11nm,0.9s	75.12	45	eP	P	07 36 27.3	-0.2
E07A	Sunnyside						
YBH	comp=Z,129nm,2.4s	75.13	51	eP	P	07 36 29.1	+1.4
YBH	Yreka Blue Hor						
YBH	comp=Z,129nm,2.4s	75.13	51	eP	P	07 36 29.1	+1.4
YBH	Yreka Blue Hor						
M02C	comp=Z,129nm,2.4s	75.16	51	P	P	07 36 28.5	+0.6
M02C	Callahan						
N02D	comp=Z,11nm,0.9s	75.43	51	P	P	07 36 29.8	+0.3
N02D	Trinity Center						
D08A	comp=Z,11nm,0.9s	75.51	44	eP	P	07 36 30.1	+0.3
D08A	Wollman Farm						
J05D	comp=Z,11nm,0.9s	75.53	49	P	P	07 36 30.8	+0.7
J05D	Fort Rock, OR						
C09A	comp=Z,24nm,1.4s	75.61	44	eP	P	07 36 31.1	+0.8
C09A	Christman Ranch						
M04C	comp=Z,8.0nm,0.9s	75.71	50	P	P	07 36 31.5	+0.4
M04C	Macdoel						
DAG	comp=Z,8.0nm,0.9s	75.92	356	iP	P	07 36 31.6	+0.1
DAG	Danmarks Havn						
DAG	comp=Z,8.0nm,0.9s	75.92	356	iP	P	07 36 31.6	+0.1
DAG	Danmarks Havn						
NEW	comp=Z,11nm,0.9s	76.12	43	eP	P	07 36 32.1	-1.1
NEW	Newport						
NEW	comp=Z,11nm,0.9s	76.12	43	eP	P	07 36 33.6	+0.3
NEW	Newport						
NEW	comp=Z,11nm,0.9s	76.12	43	eP	P	07 36 32.0	-1.1
NEW	Newport						
EDM	comp=Z,96nm,2.1s	76.13	37	eP	P	07 36 31.9	-1.3
EDM	Edmonton						
EDM	comp=Z,96nm,2.1s	76.13	37	eP	P	07 36 31.9	-1.3
EDM	Edmonton						
G08A	comp=Z,8.3nm,0.8s	76.21	46	eP	P	07 36 34.7	+0.8
G08A	Pilot Rock						
ISAD	comp=Z,8.3nm,0.8s	76.23	299	eP	P	07 36 34.0	-0.5
ISAD	Sadrabad						
VRH	comp=Z,20nm,0.8s	76.42	321	eP	P	07 36 34.4	-0.4
VRH	Novokhopovsk						
VRH	comp=Z,20nm,0.8s	76.42	321	eP	P	07 36 34.4	-0.4
VRH	Novokhopovsk						
VRH	comp=N,10.0nm,0.6s	76.42	321	eP	P	07 36 34.4	-0.4
VRH	Novokhopovsk						
MOS	comp=E,10.0nm,0.6s	76.53	326	eP	P	07 36 32.9	-2.4
MOS	Moscow						
ORV	comp=Z,18nm,1.1s	76.84	52	eP	P	07 36 37.4	0.0
ORV	Oroville						
ORV	comp=Z,18nm,1.1s	76.84	52	eP	P	07 36 37.4	0.0
ORV	Oroville						
IZEF	comp=Z,11nm,0.8s	76.89	300	eP	P	07 36 37.2	-0.9
IZEF	Zefreh						
UOSS	comp=Z,22nm,1.0s	76.97	291	eP	P	07 36 38.0	-1.1
UOSS	Wadi Hillu						
F10A	comp=Z,14nm,2.6s	77.03	45	eP	P	07 36 39.7	+1.3
F10A	Beach Ranch, E						
IKLH	comp=Z,11nm,0.8s	77.30	301	eP	P	07 36 40.9	+0.5
IKLH	Kolahrood						
LPSR	comp=Z,11nm,1.3s	77.33	323	eP	P	07 36 39.8	-0.1
LPSR	Galich'ya Gora						
LPSR	comp=Z,20nm,0.8s						
LPSR	comp=N,10.0nm,1.6s						
LPSR	comp=E,5.0nm,0.9s	77.33	48	eP	P	07 36 40.9	+0.7
LPSR	Circle Bar Ran						
OBN	comp=E,24nm,1.3s	77.36	326	iP	P	07 36 40.4	+0.4
OBN	Obninsk						
OBN	comp=Z,2.2nm,1.0s						
OBN	Obninsk						
OBN	comp=Z,114nm,16.0s	77.46	46	eP	P	07 36 41.3	+0.4
OBN	Blue Mountains						
BMO	comp=Z,18nm,1.2s	77.62	49	eP	P	07 36 42.4	+0.5
BMO	Wild Horse Val						
WVOR	comp=Z,9.0nm,1.0s	77.62	49	eP	P	07 36 42.4	+0.5
WVOR	Wild Horse Val						
WVOR	comp=Z,8.8nm,1.0s	77.62	49	eP	P	07 36 42.4	+0.5
WVOR	Wild Horse Val						
WALA	comp=Z,4.9nm,1.5s	77.69	41	eP	P	07 36 43.3	+1.1
WALA	Waterlon Lakes						
BSMT	comp=Z,2.0nm,0.7s	77.71	42	eP	P	07 36 44.3	+1.0
BSMT	Bassoo Peak						
VSR	comp=N,6.0nm,0.6s	77.85	321	eP	P	07 36 42.6	-0.2
VSR	Storozhevoye						
VSR	comp=Z,20nm,0.7s						
VSR	Storozhevoye						
VSR	comp=N,6.0nm,0.6s						
VSR	Storozhevoye						
VSR	comp=E,10.0nm,0.9s						
VSR	Storozhevoye						
VORD	comp=Z,10.0nm,0.7s	77.89	321	eP	P	07 36 42.6	-0.4
VORD	Divnogorie						
VORD	comp=Z,10.0nm,0.7s						
VORD	Divnogorie						
VORD	comp=N,20nm,0.9s						
VORD	Divnogorie						
VORD	comp=E,10.0nm,0.6s						
VORD	Divnogorie						
JTMT	comp=Z,30nm,1.0s	78.06	42	eP	P	07 36 45.3	+1.0
JTMT	Jette						
IPIR	comp=Z,30nm,1.0s	78.06	42	eP	P	07 36 45.3	+1.0
IPIR	Piripir						
SWMT	comp=Z,30nm,1.0s	78.34	43	eP	P	07 36 45.1	+0.3
SWMT	Swartz Lake						
GOF	comp=Z,30nm,1.0s	78.34	43	eP	P	07 36 45.1	+0.3
GOF	Gofitskoye						
FINES	comp=E,2.8nm,0.5s,baz=88,slow=5.1,SNR=15	78.62	334	P	P	07 36 46.9	0.0
FINES	FINES Array B						
FINES	comp=Z,2.8nm,0.5s,baz=88,slow=5.1,SNR=15	78.62	334	P	P	07 36 46.9	0.0
FINES	FINES Array B						
FINES	FINES						
SLMT	comp=Z,4.0nm,0.7s	78.77	43	eP	P	07 36 48.	

22d 7h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like D28A Regan, I25A Rochford, RAYN Ar Rayn, etc.

2010 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like M28A Bar X Bar Ranc, DRGR Parkersburg, F33A 5 Mile Ranch, etc.

1142

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Q34A Chapman, K38A Parkersburg, KSU1 Kansas State U, etc.

ISCJB 22:07:33.03.0.0.6.26:68N.0:08:143:62E.0:07, h10km, mb3.8/16, Error ellipse: s-maj=12.6km s-min=7.7km az=21.3, ...

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CBJJ Chichijima, CBJJ Chichijima, etc.

22d 7h

Table with columns for flight codes (e.g., ASAJ, YUK, KSSWO), destinations (e.g., Aashiikawa, Yuzh-Kuril'sk), times, and status indicators (e.g., ePn, P, Pn).

2010 DEC

Table with columns for flight codes (e.g., HHC, ENH, SIJI), destinations (e.g., Xi'an, Labuha, FAKI), times, and status indicators (e.g., LE, P, Pn).

1144

Table with columns for flight codes (e.g., SKNT, GTA, YAK), destinations (e.g., Sakolnakor, Gaotai, Zakamensk), times, and status indicators (e.g., P, Pn, Pmax).

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DYBB, MZRK, SVRC, etc.

ISCJB 22 08:04:43.0-0.6, 26:67N, 143:74E, h0km, mb4.0/19, Error ellipse: s-maj=14.1km s-min=7.8km az=13.3

IDC 22 08:04:43.8-1.0, 26:68N, 143:76E, h0km, mb4.0/16, mb1.4/1.9, mb1mx4.0/44, mbtmp4.0/19, ML3.0/3, Error ellipse: s-maj=23.8km s-min=21.9km az=54.0

NEIC 22 08:04:45.3-0.4, 26:70N, 143:73E, h10km, mb4.5/3, Error ellipse: s-maj=10.3km s-min=8.9km az=47.0

ISC 22 08:04:45.5-0.9, 26:71N, 143:59E, 0.09, h10km, n26, r056627, mb4.1/19, Bonin Islands region

Main table listing station names, coordinates, and parameters for the Bonin Islands region. Includes stations like CBJJ, MJAR, KSRs, etc.

IDC 22 08:05:27.3-0.7, 27:00N, 143:61E, h0km, mb4.2/23, mb1.4/4.26, mb1mx4.3/44, mbtmp4.2/26, ML3.7/3, Error ellipse: s-maj=17.1km s-min=15.3km az=169.0

NEIC 22 08:05:28.9-0.4, 27:00N, 143:58E, h10km, mb4.6/4, Error ellipse: s-maj=9.2km s-min=8.4km az=57.0

ISCJB 22 08:05:31.3-0.5, 27:21N, 143:53E, 0.05, h33km, mb4.2/28, Error ellipse: s-maj=8.8km s-min=5.2km az=155.9

JMA 22 08:05:32.2-0.1, 27:39N, 143:41E, h27km, M4.8, ISC 22 08:05:33.0-0.7, 27:10N, 143:51E, 0.07, h35km, n48, r19150, mb4.3/28, Bonin Islands region

Main table listing station names, coordinates, and parameters for the Bonin Islands region. Includes stations like CBJJ, MJAR, KSRs, etc.

Table listing station names, coordinates, and parameters for Kurchatov Arra and other stations. Includes stations like KURBB, COLD, ILAR, etc.

NIED 22 08:07:00.27:20N, 143:60E, h17km, Mw4.9, Best double couple: M2, 30000, 1016 NP1, s=288, 00000, s=62, 00000, l, 161, 00000, NP2, s=28, 00000, s=73, 00000, l, 30, 00000

IDC 22 08:07:03.6-0.5, 27:07N, 143:55E, h0km, mb4.6/32, mb1.4/7.38, mb1mx4.7/49, mbtmp4.6/38, ML4.0/6, MS3.9/15, Ms1.3/9.15, ms1mx3.7/47, Error ellipse: s-maj=13.2km s-min=11.6km az=73.0

MOS 22 08:07:03.7-0.9, 27:07N, 143:47E, h11km, mb5.1/63, Error ellipse: s-maj=9.3km s-min=5.1km az=106.8

JJA 22 08:07:04.4-0.4, 27:24N, 143:62E, h23km, M4.9, BJI 22 08:07:04.5, 27:15N, 143:26E, h6km, mb4.8/51, mb5.2/31, Ms4.6/31, Ms7.4/43

NEIC 22 08:07:05.6-0.2, 27:07N, 143:50E, h10km, mb5.1/91, MW4.8(NIED), Error ellipse: s-maj=4.5km s-min=3.5km az=172.0

GCMT 22 08:07:05.6-0.3, 27:13N, 143:53E, h19km, Mw5.0/71, Moment Tensor Solution, s14, c16, s71, c95, Duration: 0 Moment tensor: Scale 10^19Nm; Mr=3.66e-32; Ms=0.71e-17; Mw=2.95e-20; Mo=4.2e-44; Mm=1.20e-09; Mu=0.52e-24; Best double couple: M3, 62400, 1016 NP1, s=165, 00000, s=84, 00000, l=79, 00000, NP2, s=328, 00000, s=83, 00000, l=103, 00000, Principal axes: P 3.4860, Plg3.0000, Azm247.0000, N 0.2800, Plg9.0000, Azm337.0000, P-3.7630, Plg81.0000, Azm141.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

ISCJB 22 08:07:06.5-1.3, 27:16N, 143:48E, 0.03, h24km, 9km, mb4.9/134, MS3.8/9, Error ellipse: s-maj=5.6km s-min=3.6km az=165.6

ISC 22 08:07:08.0-0.9, 27:15N, 143:44E, 0.04, h25km, 6km, mb4.9/150/157, mb5.0/138, MS3.8/9, 14C-3D, Bonin Islands region

Main table listing station names, coordinates, and parameters for the Bonin Islands region. Includes stations like CBJJ, MJAR, KSRs, etc.

Main table listing station names, coordinates, and parameters for various stations. Includes stations like KSGAH, KSDEI, USRKR, etc.

22d 8h

2010 DEC

1150

BGU	Big Grassy Moun	82.05	48	eP	P	08 19 26.7	+0.2
GSC	Goldstone	82.08	54	P	P	08 19 26.9	+0.3
SHOC	Shoshone	82.19	54	P	P	08 19 27.0	-0.1
SNOW	Snow King Moun	82.27	45	eP	P	08 19 28.6	+0.9
RLMT	Red Lodge	82.35	43	eP	P	08 19 28.3	+0.3
RLMT	Red Lodge	82.35	43	eP	P	08 19 29.0	+1.0
AHID	Auburn Hatcher	82.40	46	eP	P	08 19 28.7	+0.4
DUG	Dugway	82.55	49	eP	P	08 19 29.4	+0.3
DUG	Dugway	82.55	49	P	P	08 19 29.0	-0.1
DUG	Dugway	82.55	49	eP	P	08 19 29.4	+0.3
MURC	Murrieta	82.58	56	P	P	08 19 29.2	0.0
HEC	Hector,Ludlow	82.65	55	P	P	08 19 29.5	-0.1
TUQ	Turquoise Moun	82.66	54	P	P	08 19 29.6	-0.1
HWUT	Hardware Ranch	82.68	47	eP	P	08 19 30.1	+0.4
SHPR	Sheep Range	82.70	53	eP	P	08 19 30.2	+0.3
PFO	Pinyon Flat Ob	83.13	56	P	P	08 19 31.7	-0.4
NLU	North Lily Min	83.16	49	eP	P	08 19 32.4	+0.1
AKASG	Malin Array Be	83.23	324	P	P	08 19 31.6	-0.5
AKASG	Malin Array Be	83.23	324	eP	P	08 19 31.6	-0.5
KIEV	Kiev	83.24	324	eP	P	08 19 32.0	-0.2
KIEV	Kiev	83.24	324	eP	P	08 19 32.0	-0.2
KIEV	Kiev	83.24	324	eP	P	08 19 32.0	-0.2
AK11	Malin Array Si	83.27	324	eP	P	08 19 32.4	0.0
BELC	Belle Mtn. Jos	83.28	55	P	P	08 19 32.8	-0.2
LAO	LASA Array	83.33	41	P	P	08 19 33.0	+0.1
LAO	LASA Array	83.33	41	eP	P	08 19 33.5	+0.6
BW06	Boulder Array	83.38	45	eP	P	08 19 32.5	-0.9
BW06	Boulder Array	83.38	45	eP	P	08 19 33.2	-0.2
PDAR	Pinedale Array	83.38	45	eP	P	08 19 32.8	-0.7
DGMT	Dagmar	83.50	38	P	P	08 19 33.3	-0.3
DGMT	Dagmar	83.50	38	eP	P	08 19 33.7	+0.1
IRM	Iron Mountain	83.82	55	P	P	08 19 35.0	-0.6
A25A	Svangstu Ranch	83.83	37	P	P	08 19 35.0	-0.3
BC3	Big Chuckawall	83.84	55	P	P	08 19 35.6	-0.2
NB2	NORSAR Subarra	83.97	339	P	P	08 19 35.1	-0.7
NOA	NORSAR Array B	83.97	339	P	P	08 19 35.4	-0.4
NOA	NORSAR Array B	83.97	339	P	P	08 19 35.4	-0.4
NOA	NORSAR Array B	83.97	339	P	P	08 19 35.4	-0.4
TMUT	Trail Mountain	84.07	49	eP	P	08 19 37.7	+0.6
B25A	Knox Farm, Ray	84.18	38	P	P	08 19 37.2	0.0
A26A	Wade Farm, Ken	84.43	37	P	P	08 19 38.3	-0.1
C25A	Freed Ranch, W	84.45	39	P	P	08 19 38.8	+0.3
Y12C	Blythe	84.48	55	P	P	08 19 38.5	-0.3
SRU	San Rafael	84.62	49	eP	P	08 19 39.7	-0.1
SRU	San Rafael	84.62	49	eP	P	08 19 39.7	-0.1
D25A	Fairfield	84.73	39	P	P	08 19 40.0	0.0
C26A	Wahner Farm, P	85.02	38	P	P	08 19 41.3	-0.1
E25A	Miller Ranch,	85.06	40	P	P	08 19 41.6	0.0
B27A	Peters Farms,	85.14	37	P	P	08 19 42.1	+0.2
K22A	Casper	85.34	44	P	P	08 19 43.0	-0.2
K22A	Casper	85.34	44	eP	P	08 19 43.3	0.0
F25A	Bowman	85.35	40	P	P	08 19 43.2	+0.1
A28A	Rude Farm, Bot	85.37	36	P	P	08 19 43.3	+0.2
C27A	Saylor Ranch,	85.41	38	P	P	08 19 43.8	+0.4
SFJD	Kangerlussuaq	85.54	5	iP	P	08 19 44.6	+1.1
SFJD	Kangerlussuaq	85.54	5	iP	P	08 19 44.6	+1.1
B28A	Dugan Ranch, T	85.59	37	P	P	08 19 44.8	+0.6
O20A	White River Ci	85.60	47	P	P	08 19 44.5	-0.2
O20A	White River Ci	85.60	47	eP	P	08 19 44.5	-0.2
E26A	Carlson Angus	85.60	39	P	P	08 19 44.6	+0.2
G25A	Newell	85.79	41	P	P	08 19 45.1	-0.2
F26A	Lodgepole	85.84	40	P	P	08 19 45.5	0.0
WUAZ	Wupatki	85.86	52	P	P	08 19 45.7	-0.3
WUAZ	Wupatki	85.86	52	eP	P	08 19 46.2	+0.2
PV09	Paradox Valley	85.87	49	eP	P	08 19 46.3	+0.2
A29A	Manning Farm,	85.91	36	P	P	08 19 46.2	+0.4
PV10	Paradox Valley	86.00	49	eP	P	08 19 46.9	+0.1
H25A	Fruitdale	86.01	41	P	P	08 19 46.5	0.0
C28A	Hausauer Farms	86.02	37	P	P	08 19 46.3	-0.1
RSSD	Black Hills	86.04	42	eP	P	08 19 46.6	-0.2
RSSD	Black Hills	86.04	42	eP	P	08 19 46.6	-0.2
PV05	Paradox Valley	86.11	49	eP	P	08 19 47.2	-0.1
B29A	Wagenman Farm,	86.12	36	P	P	08 19 47.0	+0.2
E27A	Carson	86.13	39	P	P	08 19 47.0	0.0
RAYN	Ar Rayn	86.15	294	eP	P	08 19 48.5	+1.0
F27A	Lemmon	86.20	40	P	P	08 19 47.3	0.0
G26A	Maurine	86.21	40	P	P	08 19 47.3	-0.1
D28A	Regan	86.23	38	P	P	08 19 47.3	-0.1
I25A	Rochford	86.27	42	P	P	08 19 47.3	-0.6
A30A	Hoffart Farm,	86.38	36	P	P	08 19 48.0	-0.1
PV01	Paradox Valley	86.44	49	eP	P	08 19 48.6	-0.3
H26A	Fairpoint	86.50	41	P	P	08 19 48.6	-0.2
E28A	Huff	86.53	38	P	P	08 19 48.8	-0.1
G27A	Dupree	86.54	40	P	P	08 19 49.0	0.0
J25A	Sunshine Ranch	86.59	42	P	P	08 19 49.1	-0.3
214A	Organ Pipe Nat	86.61	56	P	P	08 19 49.2	-0.4
N23A	Red Feather La	86.66	45	P	P	08 19 50.2	+0.2
N23A	Red Feather La	86.66	45	eP	P	08 19 50.6	+0.7
B30A	Myrvik Farm,	86.67	36	P	P	08 19 49.7	+0.2
BRTR	Keskin Array B	86.78	313	P	P	08 19 49.6	-0.9
BRTR	Keskin Array B	86.78	313	eP	P	08 19 49.7	-0.7
ULM	Lac du Bonnet	86.78	34	P	P	08 19 48.0	-2.0
ULM	Lac du Bonnet	86.78	34	P	P	08 19 48.0	-2.0
I26A	New Underwood	86.78	41	P	P	08 19 50.3	0.0
D29A	Pettibone, Tap	86.84	38	P	P	08 19 50.2	-0.2
H27A	Hoves	86.89	41	P	P	08 19 50.8	+0.1
F28A	McLaughlin	86.91	39	P	P	08 19 50.9	+0.1
SMCO	Snowmass	86.94	47	eP	P	08 19 51.6	+0.1
MVCO	Mesa Verde	86.97	49	P	P	08 19 50.9	-0.6
B31A	Greenbush Farm	87.04	36	P	P	08 19 51.4	+0.1
C30A	Mose, Pekin	87.05	37	P	P	08 19 51.4	0.0
J26A	Sides Ranch, S	87.07	42	P	P	08 19 51.3	-0.4
E29A	Napoleon	87.12	38	P	P	08 19 51.6	-0.1
BUR04	Bucovina Ar. S	87.18	323	eP	P	08 19 52.0	-0.2
I27A	Quinn	87.24	41	P	P	08 19 52.4	-0.1
D30A	Buchanan	87.27	37	P	P	08 19 52.1	-0.3
BR21	Keskin MP Arra	87.27	314	eP	P	08 19 51.0	-1.8
G28A	Parade	87.30	40	P	P	08 19 52.2	-0.5
A32A	Rocking H Ranch	87.32	35	P	P	08 19 52.5	-0.2
C31A	Landman Farms,	87.39	36	P	P	08 19 52.8	-0.2
F29A	Eureka	87.46	39	P	P	08 19 53.3	-0.1
ISCO	Idaho Springs	87.48	46	P	P	08 19 53.5	-0.5
H28A	Mission Ridge	87.48	40	P	P	08 19 53.5	0.0
E30A	Jud	87.56	38	P	P	08 19 53.8	-0.1
B32A	Ashet Ranchq	87.63	35	P	P	08 19 54.0	-0.2
J27A	Elkhorn Farm,	87.74	42	P	P	08 19 54.8	-0.1
I28A	Midland	87.79	41	P	P	08 19 54.9	-0.2
S22A	4UR Ranch, Cre	87.81	48	P	P	08 19 54.9	-0.7
D31A	McClaffin, Tow	87.86	37	P	P	08 19 55.3	+0.1
F30A	Leola	87.90	38	P	P	08 19 55.5	0.0
H29A	Onida	87.97	40	P	P	08 19 55.5	-0.4
AGMN	Agassiz Nation	88.04	35	P	P	08 19 55.7	-0.4
AGMN	Agassiz Nation	88.04	35	eP	P	08 19 55.9	-0.2
STHS	Stebnicka Huta	88.07	326	eP	P	08 19 55.0	-1.3
STHS	Stebnicka Huta	88.07	326	eP	P	08 19 55.0	-1.3
E31A	Nome	88.08	37	P	P	08 19 56.4	0.0
J28A	Allard Ranch,	88.09	41	P	P	08 19 56.6	0.0
G30A	Faultkon	88.27	39	P	P	08 19 57.0	-0.3
I29A	Vivian Onida	88.28	40	P	P	08 19 57.1	-0.3
F31A	Hecla	88.31	38	P	P	08 19 57.4	-0.1
C33A	Trail	88.34	35	P	P	08 19 57.3	-0.7
B34A	Aery, Baudette	88.53	34	P	P	08 19 57.9	-0.6
J29A	Okreek	88.64	41	P	P	08 19 58.8	-0.3
G31A	Conde	88.73	38	P	P	08 19 59.2	-0.2
D33A	AnnSam, Waubun	88.79	36	P	P	08 19 59.4	-0.3
I30A	Oacoma	88.85	40	P	P	08 19 59.8	-0.3
F32A	Veblen	88.92	37	P	P	08 19 59.7	-0.6
C34A	RJK Ranch, Bem	88.95	35	P	P	08 20 00.3	-0.1
K29A	Lazy Trails An	89.03	41	P	P	08 20 00.9	-0.1
B35A	Bob, Littlefor	89.08	34	P	P	08 20 00.7	-0.3
G32A	Webster	89.10	38	P	P	08 20 00.8	-0.4
E33A	Westby DABS, E	89.12	37	P	P	08 20 01.4	+0.1
D34A	Park Rapids	89.17	36	P	P	08 20 01.3	-0.2
J30A	Dallas	89.17	41	P	P	08 20 01.3	-0.3
M28A	Bar X Bar Ranc	89.21	43	P	P	08 20 01.4	-0.5
L29A	Maesberg Ranch	89.35	42	P	P	08 20 02.0	-0.5
F33A	5 Mile Ranch,	89.39	37	P	P	08 20 02.3	-0.2
C35A	Jirik Farms, M	89.39	35	P	P	08 20 02.3	-0.2
K30A	Basset	89.50	41	P	P	08 20 02.8	-0.3
N28A	Prileno Ranch	89.53	44	P	P	08 20 02.4	-1.0
ANMO	Albuquerque	89.58	50	eP	P	08 20 04.1	+0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include V34A Guthrie, S36A Lake Cedric, U35A Pavne Arr, X33A Lawton, T36A Boggs Farm, etc.

ISCJB 22 08:11:26.9,0.9,27.1N,0.1:143.53E,0.08, h10km, mb3.8/9, Error ellipse: s-maj=16.5km s-min=10.0km az=167.1

IDC 22 08:11:27.1,1.0,27.09N,143.46E, h0km, mb3.8/9, mb1.4/0.11, mb1mx3.8/5.5, mbtmp3.8/11, ML3.3/2, Error ellipse: s-maj=23.3km s-min=17.3km az=170.0

ISC 22 08:11:28.7,0.9,27.1N,0.1:143.45E,0.10, h10km, n14, 0.674,15, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, KSRs Korea Arr, etc.

ISCJB 22 08:12:32.1,0.4,26.93N,0.06:143.70E,0.05, h10km, mb4.2/27, MS4.2/1, Error ellipse: s-maj=8.9km s-min=6.9km az=15.3

IDC 22 08:12:32.0,4.5,26.94N,143.71E, h0km, mb4.2/25, mb1.4/3.28, mb1mx4.2/5.4, mbtmp4.2/28, ML3.6/3, MS4.3/1, Ms1.4/3.1, ms1mx3.0/5.1, Error ellipse: s-maj=18.7km s-min=12.8km az=81.0

NEIC 22 08:12:33.8,0.3,26.94N,143.70E, h10km, mb4.5/2, Error ellipse: s-maj=7.6km s-min=5.8km az=75.0

ISC 22 08:12:34.0,0.1,27.03N,0.09:143.65E,0.07, h10km, n40, 0.655/40, mb4.2/27, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CBJJ Chichijima, MJAR Matsushiro Arr, MAT Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ILAR Eielson Arr, STKA Stephens Creek, BVAR Borovoye Arr, etc.

MEX 22 08:13:16.6,0.4,14.67N,93.01W, h16km, 17km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PCIG Comitán, CCIG Comitán, etc.

ISCJB 22 08:15:35.1,0.8,27.3N,0.1:143.9E,0.1, h10km, mb3.6/10, Error ellipse: s-maj=17.1km s-min=14.9km az=9.0

IDC 22 08:15:35.4,1.0,27.24N,143.89E, h0km, mb3.6/10, mb1.3/8.11, mb1mx3.7/5.1, mbtmp3.6/11, ML3.8/1, Error ellipse: s-maj=24.9km s-min=22.0km az=102.0

ISC 22 08:15:36.9,0.9,27.3N,0.1:143.9E,0.1, h10km, n12, 0.673/12, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, SONM Songo Arr, etc.

IDC 22 08:18:53.4,1.9,42.77S,73.22W, h0km, mb4.0/5, mb1.4/2.5, mb1mx3.9/2.5, mbtmp4.1/5, Error ellipse: s-maj=47.9km s-min=42.0km az=90.0

ISCJB 22 08:19:03.9,0.9,42.00S,0.07:73.80W,0.10, h35km, mb3.6/3, Error ellipse: s-maj=10.8km s-min=9.6km az=162.2

NEIC 22 08:19:09.0,4.2,26S:73.33W, h46km, MG4.0(GUC), After GUC

NEIC Fel [III] at Castro and [II] at Ancond, Chaiten, Osorno, Puerto Montt and Quellon.

GUC 22 08:19:09.1,0.3,42.26S:73.33W, h46km, 2km, ML4.0

ISC 22 08:19:03.4,1.1,42.08S,0.10:73.75W,0.09, h35km, n18, 0.259/17, mb3.8/3, CC-3Z, Southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include HOCH Hornopirón, HUNY Huinay, OSCH Osorno, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MKAR Makanchi Arr, MKAR Makanchi Arr, BVAR Borovoye Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CBJJ Chichijima, CBJJ Chichijima, etc.

JMA 22 08:23.0,1.0,27.38N,143.46E, h3km, 5km, M4.2, ISC 22 08:23.0,1.0,27.38N,143.46E, h3km, 5km, M4.2, 0.679/25, mb4.1/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JHHJ Haha-jima-NKT, JHU Hanno, etc.

ISCJB 22 08:28:00.27,40N,143.50E, h5km, Mw4.0 Best double couple: M1.29000x1015 N1.10x315.00000, 832.00000, 1.7, 10.00000, NP2.0x112.00000, 860.00000, 1.7, 10.00000

ISCJB 22 08:28.29,1.0,27.01N,0.06:143.57E,0.05, h10km, mb4.1/2, MS3.7/1, Error ellipse: s-maj=5.8km s-min=4.6km az=173.6

IDC 22 08:28.29,4.0,26.97N,143.49E, h0km, mb4.0/20, Ms1.4/2.24, mb1mx4.1/4.6, mbtmp4.0/24, ML3.5/4, MS3.4/2, Ms1.3/4.2, ms1mx2.7/6.1, Error ellipse: s-maj=14.7km s-min=13.1km az=84.0

NEIC 22 08:28.30,9.0,26.98N,143.50E, h10km, mb4.6/3, MW4.0(NIED), Error ellipse: s-maj=7.7km s-min=5.5km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JMA 22 08:23.0,1.0,27.38N,143.46E, h3km, 5km, M4.2, etc.

IDC 22 08:30:01.4,0.7,22.61N,142.97E, h0km, mb3.9/12, mb1.4/1.12, mb1mx3.8/5.1, mbtmp3.9/12, Error ellipse: s-maj=35.0km s-min=17.0km az=100.0

ISCJB 22 08:30.04,6.0,26.76N,0.1:142.9E,0.2, h33km, mb3.9/12, Error ellipse: s-maj=28.5km s-min=15.1km az=6.0

ISC 22 08:30.06,7.0,26.73N,0.1:143.0E,0.2, h35km, n12, 0.658/12, mb3.9/12, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ZALV Zalesovo Beam, etc.

IDC 22 08:35:08.6,0.8,26.72N,143.69E, h0km, mb3.4/0.15, mb1.4/1.19, mb1mx3.9/5.3, mbtmp4.0/19, ML3.8/4, Error ellipse: s-maj=22.9km s-min=14.6km az=65.0

NEIC 22 08:35.10,1.0,26.73N,143.69E, h10km, mb4.5/1, Error ellipse: s-maj=14.2km s-min=7.9km az=74.0

ISCJB 22 08:35.13,9.0,27.15N,0.05:143.70E,0.06, h33km, mb4.0/17, Error ellipse: s-maj=9.3km s-min=6.0km az=135.7

JMA 22 08:35.14,4.0,27.02N,143.59E, h74km, M4.5

ISC 22 08:35:14.0+0.8, 26.94N, 0107.143:72E, 0108, h35km, n43, #152/43, mb4.2/17, Bonin Islands region

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

ISCJB 22 08:37:40.6+0.9, 27.0N, 011.143:57E, 0108, h10km, mb3.8/11, Error ellipse: s-maj=17.1km s-min=10.4km az=173.0

ISC 22 08:37:40.7+1.0, 27.02N, 143:59E, h0km, mb3.8/11, mb1 4.0/14, mb1mx3.8/51, mbtmp3.8/14, ML3.1/3, Error ellipse: s-maj=22.3km s-min=20.9km az=13.0

ISC 22 08:37:42.4+0.9, 27.1N, 011.143:51E, 0108, h10km, n16, #081/17, mb3.8/11, Bonin Islands region

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

ISCJB 22 08:40:32.3+0.5, 26.94N, 0108.143:85E, 0106, h10km, mb3.9/15, Error ellipse: s-maj=11.1km s-min=7.4km az=7.5

ISC 22 08:40:32.7+0.7, 26.97N, 143:90E, h0km, mb3.8/13, mb1 4.0/15, mb1mx3.8/52, mbtmp3.8/15, ML4.2/1, Error ellipse: s-maj=19.5km s-min=16.7km az=81.0

NEIC 22 08:40:34.2+0.4, 26.96N, 143:86E, h10km, mb4.3/1, Error ellipse: s-maj=11.7km s-min=8.9km az=70.0

ISC 22 08:40:34.2+0.7, 27.0N, 011.143:79E, 0108, h10km, n22, #090/24, mb3.9/15, Bonin Islands region

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

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

NIED 22 08:43:00.27, 10N, 143:60E, h17km, Mw4.5 Best double couple: M5.37000, 1015 NP1, 293.00000, 861.00000, 1-177.00000, NP2, 2, 201.00000, 887.00000, 1-29.00000

BUI 22 08:43:26.2, 26:82N, 143:78E, h7km, mb4.6/36, mb4.9/30, Ms4.5/16, Ms7.4/3.16

MOS 22 08:43:29.7, 1.2, 27.02N, 143:50E, h11km, mb4.8/29, Error ellipse: s-maj=11.5km s-min=5.7km az=106.9

ISC 22 08:43:29.3+0.5, 26.97N, 143:52E, h0km, mb4.3/30, mb1 4.5/34, mb1mx4.4/56, mbtmp4.4/34, ML4.1/4, MS3.5/18, Ms1 3.5/18, ms1mx3.4/6, Error ellipse: s-maj=13.2km s-min=12.1km az=134.0

ISCJB 22 08:43:30.2, 1.1, 27.27N, 014.143:49E, 0103, h5km, 6km, mb4.6/68, MS3.5/13, Error ellipse: s-maj=6.4km s-min=4.0km az=173.0

JMA 22 08:43:30.6+0.5, 27.15N, 143:65E, h27km, M4.9

NEIC 22 08:43:31.2+0.2, 26.95N, 143:46E, h10km, mb5.0/40, MW4.4(NIED), Error ellipse: s-maj=6.0km s-min=5.1km az=184.0

ISC 22 08:43:31.1, 1.2, 27.09N, 0105.143:52E, 0104, h7km, 6km, n274, #126/288, mb4.7/71, MS3.5/13, 6C-1D, Bonin

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

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

MA2 Magadan 32.85 7 LR LR 09 05 38.0

LZH Lanzhou 34.77 295 eP pP 09 50 23.4 +0.9

CD2 Chengdu 34.85 286 P S 09 50 22.8 -0.4

ULN Ulanbaatar 35.14 316 eP pmax 09 50 26.1 +0.5

ULN Ulanbaatar 35.14 316 eP P 09 50 26.1 +0.5

SOM1 Songino Array 35.54 316 eP P 09 50 29.4 +0.4

SOM2 Songino Array 35.54 316 eP P 09 50 29.7 +0.7

SOM3 Songino Array 35.54 316 eP P 09 50 29.7 +0.7

YAK Yakutsk 36.14 349 eP P 09 50 34.4 +0.7

YAK Yakutsk 36.14 349 eP LR 09 04 23.8

YAK Yakutsk 36.14 349 eP P 09 50 34.0 +0.3

SEY Seymchan 36.31 7 P P 09 50 35.9 +0.7

PMG Port Moresby 36.31 7 i P LR 09 50 36.0 +0.7

PMG Port Moresby 36.45 174 LR LR 09 04 41.0

PMG Port Moresby 36.45 174eP P 09 50 31.9 -5.0

PMG Port Moresby 36.45 174 eP P 09 50 32.0 -4.9

KMI Kunming 36.56 276 P PMZ 09 50 41.3 +3.2

BOD Bodaibo 37.07 334 eP pmax 09 50 41.4 -0.4

GTA Gaotai 38.21 300 eP P 09 50 50.6 -1.2

GTA Gaotai 38.21 300 eP pP 09 50 54.8 +0.9

GTA Gaotai 38.21 300 eP sP 09 50 58.0 +3.3

GTA Gaotai 38.21 300 eP S 09 56 45.8 -0.1

GTA Gaotai 38.21 300 eP sS 09 56 53.1 -1.5

GTA Gaotai 38.21 300 eP SS SnSn 09 59 26.3 -3.2

GTA comp=Z,3.0nm,0.8s 38.21 300 eP PMZ 09 51 56.9

GTA comp=Z,8.7nm,5.7s 38.21 300 eP LN 09 47 00.1 -2.0

GTA comp=Z,190nm,11.4s 38.21 300 eP LE 09 47 28.2 -0.1

GTA comp=Z,140nm,15.9s 38.21 300 eP LZ 09 47 53.7

ZAK Zakamensk 38.40 318 eP pmax 09 50 53.1 -0.1

ZAK Zakamensk 38.40 318 eP pmax 09 50 54.9 -0.7

TLY Talaya 38.69 320 eP P 09 50 57.3 +1.7

TLY Talaya 38.69 320 eP pmax 09 50 57.3 +1.7

HNR Honiara 39.65 154 LR LR 09 05 59.6

CMAR Chiang Mai Arr 41.81 268 P P 09 51 21.6 -0.2

CMAR Chiang Mai Arr 41.81 268 eP LR 09 10 01.0

CMAR Chiang Mai Arr 41.81 268 eP pmax 09 51 23.7 +1.9

BILL Bilibino 43.20 12 eP P 09 51 32.2 -0.3

BILL Bilibino 43.20 12 eP P 09 53 21.4

BILL comp=Z,7.0nm,1.0s 43.20 12 eP pmax 09 51 32.9 +0.4

BILL comp=Z,5.7nm,0.8s 43.20 12 eP P 09 51 44.3 +1.7

HVS Khovu-Aksy 44.42 317 i P P 09 51 44.3 +1.7

HVS Khovu-Aksy 44.42 317 eP P 09 51 49.4 -0.1

TIXI Tiksi 45.34 354 eP pmax 09 51 49.4 -0.1

TIXI comp=Z,7.0nm,0.8s 45.34 354 eP P 09 51 49.4 -0.1

TIXI comp=Z,7.1nm,0.8s 45.34 354 eP pP 09 52 08.1 +0.8

WMQ Urumqi 47.54 306 eP pP 09 52 11.6 +2.1

WMQ comp=Z,9.0nm,1.2s 47.54 306 eP PMZ 09 52 08.1 +0.8

WMQ comp=Z,140nm,5.9s 47.54 306 eP LN 09 52 08.1 +0.8

WMQ comp=Z,280nm,18.0s 47.54 306 eP LE 09 52 08.1 +0.8

WMQ comp=Z,200nm,17.1s 47.54 306 eP LZ 09 52 08.1 +0.8

WRAB Tennant Creek 47.58 192eP P 09 52 06.0 -1.7

WRAB Tennant Creek 47.58 192 eP P 09 52 06.0 -1.7

WRAB Tennant Creek 47.58 192 eP P 09 52 06.0 -1.7

WRAB Tennant Creek 47.58 192 eP P 09 52 06.0 -1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, RES Resolute Bay, ARCES ARCES Array B, etc.

ISCBJ 22 08:54:03.1.0.5.26.99N.0.09:143.51E.0.05. h10km, mb3.8/16, Error ellipse: s-maj=12.4km s-min=7.0km az=0.1

ISCBJ 22 08:54:03.2.0.7.27.04N.143.54E. h0km, mb3.8/14, mb1.4/1.16, mb1mx3.8/59, mbtmp3.8/16, ML3.7/2, Error ellipse: s-maj=16.7km s-min=15.0 az=153.0

NEIC 22 08:54:04.7.0.4.21.07N.143.51E. h10km, mb4.4/1, Error ellipse: s-maj=10.0km s-min=9.4km az=58.0

ISCBJ 22 08:54:04.8.0.8.27.11N.0.1:143.46E.0.07, h10km, n23, c=0720/25, mb3.9/16, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, JCJ Chichijima, MJAR Matushiro Arr, etc.

ISCBJ 22 08:55:10.5.1.0.26.79N.0.08:143.68E.0.07. h10km, mb4.0/13, MS2.9/1, Error ellipse: s-maj=11.9km s-min=8.4km az=33.6

ISCBJ 22 08:55:50.4.1.1.26.80N.143.69E. h0km, mb4.0/10, Mb1.4/0.13, mb1mx3.8/64, mbtmp3.9/13, ML3.7/2, MS3.0/1, Ms1.3/0.1, ms1mx2.4/46, Error ellipse: s-maj=34.8km s-min=16.9km az=74.0

NEIC 22 08:55:51.8.0.6.26.83N.143.68E. h10km, mb4.3/2, Error ellipse: s-maj=18.2km s-min=8.0km az=74.0

ISCBJ 22 08:55:52.1.0.9.26.93N.0.1:143.64E.0.09, h10km, n29, c=0772/14, mb4.2/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, JCJ Chichijima, MJAR Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKAR Karatay Arr, ABKAR Akbulak Arr, FINES FINES Array B, etc.

ISCBJ 22 08:56:32.9.2.3.41.97N.83.29E. h0km, mb3.9/3, mb1.3/7.6, mb1mx3.4/63, mbtmp3.7/6, ML3.0/3, MS3.6/4, Ms1.3/5.4, ms1mx2.9/51, Error ellipse: s-maj=46.1km s-min=25.4km az=125.9

NNC 22 08:56:38.4.3.42.223N.83.28E. h1km, 17km, mb3.8, mpv3.4, Error ellipse: s-maj=23.4km s-min=7.3km az=153.0

ISCBJ 22 08:56:35.4.1.6.42.23N.0.1:83.5E.0.1, h10km, n16, c=173/10, mb4.0/3, MS3.5/4, 6C-3D, Northern Xingjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDGK Podgornyye, MK02 Makanchi Array, MKAR Makanchi Array, etc.

ISCBJ 22 08:56:40.6.0.8.26.93N.0.09:143.61E.0.09, h10km, mb3.9/9, Error ellipse: s-maj=13.3km s-min=11.9km az=27.9

ISCBJ 22 08:56:40.9.1.0.26.92N.143.75E. h0km, mb3.9/9, mb1.4/1.11, mb1mx3.8/65, mbtmp3.9/11, ML2.5/1, Error ellipse: s-maj=36.0km s-min=17.1km az=88.0

ISCBJ 22 08:56:42.7.1.0.27.00N.1:143.5E.0.1, h10km, n12, c=107/12, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, USRK Ussuriysk Arr, etc.

ISCBJ 22 08:58:16.6.0.9.28.02N.143.49E. h0km, mb4.0/7, Mb1.4/2.7, mb1mx3.7/67, mbtmp4.0/7, Error ellipse: s-maj=47.1km s-min=20.1km az=100.0, Bonin Islands region

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

ISCBJ 22 09:00:29.3.0.6.39.23N.0.05:28.29E.0.04, h14km, 10km, Error ellipse: s-maj=8.7km s-min=5.3km az=176.2

DDA 22 09:00:29.2.39.26N.28.28E. h7km, MD2.6, ISK 22 09:00:29.0.39.22N.28.29E. h19km, MD2.7

CSEM 22 09:00:29.4.0.1.39.24N.28.29E. h15km, MD2.6, Error ellipse: s-maj=2.1km s-min=1.8km az=122.0

ISCBJ 22 09:00:29.3.1.0.39.24N.0.03:28.28E.0.03, h15km, 10km, n19, c=0F19/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DEMI Demirci, BALB Balikesir, AKHS Akhisar, etc.

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

IDC 22 09:00:38.9.0.4.27.20N.143.46E. h0km, mb4.4/38, mb1.6/4.0, mb1mx4.5/67, mbtmp4.4/40, ML4.3/2, MS3.4/3, Ms1.3/4.0, ms1mx2.8/47, Error ellipse: s-maj=11.8km s-min=11.6km az=98.0

ISCBJ 22 09:00:40.1.0.3.27.45N.0.04:143.39E.0.06, h10km, mb4.5/52, Error ellipse: s-maj=5.9km s-min=4.0km az=135.9

JMA 22 09:00:40.5.0.2.27.37N.143.47E. h19km, M4.8, NEIC 22 09:00:40.3.0.2.27.18N.143.40E. h10km, mb4.7/14, Error ellipse: s-maj=5.5km s-min=5.4km az=153.0

ISCBJ 22 09:00:40.6.0.6.27.25N.0.06:143.39E.0.06, h10km, n85, c=06/9/1, mb4.6/52, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, JCJ Chichijima, JHHJ Haha-jima-NKT, etc.

ISCBJ 22 09:00:40.6.0.8.26.93N.0.09:143.61E.0.09, h10km, mb3.9/9, Error ellipse: s-maj=13.3km s-min=11.9km az=27.9

ISCBJ 22 09:00:40.9.1.0.26.92N.143.75E. h0km, mb3.9/9, mb1.4/1.11, mb1mx3.8/65, mbtmp3.9/11, ML2.5/1, Error ellipse: s-maj=36.0km s-min=17.1km az=88.0

ISCBJ 22 09:00:42.7.1.0.27.00N.1:143.5E.0.1, h10km, n12, c=107/12, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, USRK Ussuriysk Arr, etc.

ISCBJ 22 09:00:40.6.0.8.26.93N.0.09:143.61E.0.09, h10km, mb3.9/9, Error ellipse: s-maj=13.3km s-min=11.9km az=27.9

ISCBJ 22 09:00:40.9.1.0.26.92N.143.75E. h0km, mb3.9/9, mb1.4/1.11, mb1mx3.8/65, mbtmp3.9/11, ML2.5/1, Error ellipse: s-maj=36.0km s-min=17.1km az=88.0

ISCBJ 22 09:00:42.7.1.0.27.00N.1:143.5E.0.1, h10km, n12, c=107/12, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDKA Kodak Island, KURK Kurchatov Arr, WRA Warramunga Arr, etc.

22d 10h

Table with columns: Station Name, Az, El, AzE, Res, Time, Res, and various station identifiers. Includes stations like LKWY Lake, GSC Goldstone, RLMT Red Lodge, etc.

2010 DEC

Table with columns: Station Name, Az, AzE, Phase ID, Time, Res, and various station identifiers. Includes stations like H33A Prehn Over Nor, 121A Cookes Peak, CLL Cullin, etc.

1158

Table with columns: Station Name, Az, AzE, Phase ID, Time, Res, and various station identifiers. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR9.05, LPAZ La Paz, H10N1 ASCENSION HYDR6.16, etc.

ISCJB 22 10:00:37.7±0.7, 26.76N±0.09, 143.54E±0.07, h10km, mb3.9/1.1, Error ellipse: s-maj=13.3km s-min=8.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 22 10:02:19.8±1.8, 23.22S±1.14, 39W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.7/32, mbtmp3.5/3, Error ellipse: s-maj=99.3km s-min=43.4km az=111.0, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKT Rikitea, TBI Tubuai, PPT2 Papeete2, etc.

NIED 22 10:02:00.27, 10N±144.00E, h5km, Mw4.7, Best double couple: Mo1.34000x1016 NP1±323.00000, 84.00000, λ-80.00000, NP2±128.00000, 847.00000, λ-100.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 22 10:02:32.7±0.4, 26.78N±144.01E, etc.

Moment Tensor Solution, s18,c22: s89,c132: Duration: 0, Moment tensor: Scale 10^16Nm, Mr-2.90±.20, Mw-1.30±.11, Mw-1.60±.12, Mw-1.14±.23, Mw-1.31±.06, Mw-0.44±.23, Best double couple: Mc3,08300x10^16, NP1±309.00000, 856.00000, λ-1.00000, NP2±147.00000, 835.00000, λ-75.00000, Principal axes: T 2.9740, Plg11.00000, Azm46.00000; N 0.2180, Plg9.00000, Azm314.00000; P -3.1920, Plg76.00000, Azm186.00000; nstai refers to body waves, cutoff=40s, nstaz refers to surface waves, cutoff=50s

ISC 22 10:02:35.3±1.2, 26.91N±0.05, 143.95E±0.04, h13km±6km, mb4.0±0.1, Error ellipse: s-maj=113.7/49.9, mb5.0/1.49, MS4.1/3, 8C-10D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 22 10:02:19.8±1.8, 23.22S±1.14, 39W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.7/32, mbtmp3.5/3, Error ellipse: s-maj=99.3km s-min=43.4km az=111.0, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKT Rikitea, TBI Tubuai, PPT2 Papeete2, etc.

NIED 22 10:02:00.27, 10N±144.00E, h5km, Mw4.7, Best double couple: Mo1.34000x1016 NP1±323.00000, 84.00000, λ-80.00000, NP2±128.00000, 847.00000, λ-100.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 22 10:02:32.7±0.4, 26.78N±144.01E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJI comp=Z,13nm,1.4s, BJI comp=Z,200nm,4.6s, BJI comp=Z,530nm,14.9s, etc.

ISC 22 10:02:35.3±1.2, 26.91N±0.05, 143.95E±0.04, h13km±6km, mb4.0±0.1, Error ellipse: s-maj=113.7/49.9, mb5.0/1.49, MS4.1/3, 8C-10D, Bonin Islands region

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

IDC 22 10:02:19.8±1.8, 23.22S±1.14, 39W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.7/32, mbtmp3.5/3, Error ellipse: s-maj=99.3km s-min=43.4km az=111.0, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GTOI Gorontolo, MA2 Magadan, GYA Guiyang, etc.

NIED 22 10:02:00.27, 10N±144.00E, h5km, Mw4.7, Best double couple: Mo1.34000x1016 NP1±323.00000, 84.00000, λ-80.00000, NP2±128.00000, 847.00000, λ-100.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 22 10:02:32.7±0.4, 26.78N±144.01E, etc.

Table with columns: ID, Name, Az, El, S, P, Az, El, S, P, Az, El, S, P. Includes entries like Y12C Blythe, SRU San Rafael, C26A Wahner Farm, etc.

Table with columns: ID, Name, Az, El, S, P, Az, El, S, P, Az, El, S, P. Includes entries like I30A Oacoma, C34A RKJ Ranch, B35A Bob Littlefor, etc.

Table with columns: Code, Station Name, Az, El, S, P, Phase ID, Time, Res, h, m, s, ISC. Includes entries like Villa Florida, KSRs Korea Array, USRK Ussuriysk Ar., etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like FITZ, ZAAO, ZALV, AS01, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, and other parameters. Includes stations like CBIJ, JHHJ, JHUJ, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like QIZ, QIZ, QIZ, GYA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, WRAB, WRA, WRF, W3C, FITZ, LEM, PSI, ZAAO, ZALV, NVS, AS01, ASAR, ASAR, MK01, MKAR, MKAR, MAKZ, KURK, KURK, KURB, PMR, MCK, MCK, COLD, TKM2, TKM2, KSH, KSH, KSH, KSH, KSH, KSH, KSH, MDM, ILAR, ILAR, IL1, AAK, EKS2, EKS2, EKS2, OTUK, DOT, VOSK, VOSK, STKA, STKA, STKA, BRVK, BRVK, BRVK, ZRNK, ZRNK, KKR, KKR, DAWY, INK, INK, INK, KBL, KBL, SVE, SVE, ARU, ARU, ARU.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU, ARU, DLBO, AB31, AB31, ABKAR, GEYT, YKA, YKA, YKA, RES, RES, RES, KLMR, KLMR, ARCES, ARCES, ARCES, IBAF, VRH, VRH, VRH, MOS, ORV, ORV, ORV, LPSR, LPSR, LPSR, LPSR, OBN, OBN, OBN, JOBA, IPAR, BMO, BMO, VSR, VSR, VSR, VORD, VORD, VORD, SWMT, FINES, FINES, FINES, PMOR, ZEI, ZEI, PPT2, KBZ, KBZ, KIV, KIV, KIV, MFID, NEY, NEY, GNI, GNI, NV01, HLID, HLID, LRM, DLMT, SBC, SUMG, SUMG, SUMG, BOZ, ELK, ELK, ELK, QLMT, MPMC, R11A, R11A, YMR, YFT, TBI, H17A, H17A, IMW, LKWY, LKWY, FLWY, NACCN, RLMT.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RLMT, DUG, DUG, DUG, DUG, HWUT, NLU, AKASG, AKASG, KIEV, KIEV, KIEV, LAO, LAO, AK11, BW06, PDAR, NB2, NOA, NOA, SRU, SRU, SRU, K22A, K22A, O20A, B28A, E26A, WU4Z, A29A, H25A, E27A, F27A, G26A, RAYN, RAYN, I25A, A30A, PV01, H26A, G27A, B30A, BRTR, BRTR, H27A, SMCO, B31A, C30A, BUR04, D30A, BR231, C31A, ISCO, H28A, E30A, B32A, F30A, AGMN, E31A, J28A, STHS, G30A, F31A, B34A, SUSD, I30A, E33A, D34A, ANMO, ANMO, ANMO, G33A, H33A, P28A, CLL, SPMN, CONA, MNTX, MNTX, AMTX, AMTX, SOKA, TX31, TXAR, TXAR, TXAR, TORD, LPAZ.

Table with columns: LPAZ, La Paz, 148.79, 76, PKP2, PKPbc, 10 49 22.0 +0.1, etc.

IDC 22:10:30:05.7.0.4, 26.94N, 143.41E, h0km, mb4.7/32, mb1 4.8/36, mb1mx4.7/47, btmp4, 7/36, ML3.9/4, Error ellipse: s-maj=15.0km s-min=11.4km az=88.0

MOS 22:10:30:05.6.0.9, 26.95N, 143.36E, h10km, mb4.9/33, Error ellipse: s-maj=13.9km s-min=7.1km az=104.8

ISCJB 22:10:30:06.0.0.2, 26.97N, 143.05E, h10km, mb4.8/33, Error ellipse: s-maj=7.7km s-min=5.9km az=9.8

NEIC 22:10:30:07.3.0.2, 26.94N, 143.41E, h10km, mb5.0/21, Error ellipse: s-maj=5.8km s-min=5.3km az=95.0

ISC 22:10:30:07.3.0.4, 26.98N, 143.44E, h10km, mb5.0/26, m059/266, mb4.8/63, 2C-1D, Bonin Islands region

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

Main station list table with columns: SVE, ARU, ARU, ARU, SOKR, SOKR, DLBC, GEYT, YKA, YKA, YKA, RES, RES, RES, ARCES, ARCES, ARCES, DAG, DAG, DAG, FINES, FINES, FINES, KBZ, KBZ, KBZ, NVAR, HLID, VES, DLMT, SUNC, SUNC, EGMT, BOZ, DAC, DAC, DAC, FFC, FFC, FFC, LRM, LRM, LRM, R11A, TPNV, GSC, RLMT, RLMT, AHID, HWUT, SHPR, NLU, AKASG, AKASG, AKASG, BELC, LAO, LAO, PDAR, DGMT, BC3, A25A, NOA, NOA, C25A, D25A, E25A, D26A, K22A, F25A, C27A, O20A, SFJD, B28A, E26A, G25A, WUAZ, WUAZ, F26A, A29A, H25A, B29A, E27A, F27A, G26A, D28A, A30A, PV01, H26A, G27A, B30A

Main station list table with columns: BRTR, BRTR, BRTR, I26A, ULM, ULM, ULM, D29A, H27A, H27A, SMCO, B30A, B31A, J26A, E29A, I27A, D30A, G28A, A32A, C31A, F29A, ISCO, H28A, E30A, B32A, I28A, G29A, D31A, A33A, F30A, H29A, AGMN, AGMN, E31A, J28A, B33A, G30A, I29A, F31A, C33A, B34A, J29A, SUSD, I30A, C34A, K29A, H31A, G32A, E33A, J30A, D34A, M28A, K30A, H32A, J31A, G33A, H33A, E35A, C36A, L31A, F35A, BRG, CLL, J33A, G35A, F36A, H35A, R29A, S28A, SPMN, K35A, GERES, GERES, MNTX, MNTX, I37A, Q32A, I38A, T31A, AMTX, AMTX, K37A, M36A, P34A

22d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like R33A Olander Ranch, KSU1 Kansas State U, P35A Duane Minner, etc.

ISC 22 10:30:15.9:0.6, 27.07N:143:56E, h0km, mb4.7/27, mb1 4.8/32, mb1mx4.7/48, mbtmp4.7/32, ML3.9/5, Error ellipse: s-maj=17.4km s-min=14.9km az=9.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, MJAR Matsushiro Arr, etc.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABKAR Abkular array, GEYT Alibek, YKA Yellowknife Arr, etc.

JMA 22 10:33:29.3:0.1, 27.24N:143:68E, h32km, M4.7, IDC 22 10:33:30.5:1.8, 27.19N:143:30E, h0km, mb3.7/4, mb1 4.0/7, mb1mx3.7/46, mbtmp3.9/7, ML3.6/3, Error ellipse: s-maj=28.3km s-min=24.1km az=89.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

ISC 22 10:35:00.7:0.5, 27.12N:143:51E, h0km, mb4.0/21, Error ellipse: s-maj=9.2km s-min=6.9km az=169.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

1168

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Arr, LPZA La Paz, etc.

IDC 22 10:35:11.8:1.1, 27.08N:143:60E, h0km, mb4.1/8, mb1 4.3/9, mb1mx3.9/40, mbtmp4.1/9, ML3.9/1, Error ellipse: s-maj=41.4km s-min=18.9km az=85.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, CMAR Chiang Mai Arr, etc.

ISC 22 10:37:30.6:0.7, 26.93N:143:56E, h0km, mb3.6/9, MS3.3/1, Error ellipse: s-maj=22.6km s-min=14.4km az=2.5

IDC 22 10:37:30.9:0.8, 26.93N:143:48E, h0km, mb3.6/9, mb1 3.9/11, mb1mx3.7/41, mbtmp3.6/11, ML3.0/2, MS3.3/1, Ms1 3.3/1, ms1mx2.7/43, Error ellipse: s-maj=25.9km s-min=17.5km az=100.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

ISC 22 10:37:32.5:0.9, 27.01N:143:46E, h0km, n12, c0871/11, mb3.6/9, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

ISC 22 10:37:55.9:0.7, 26.72N:144:14E, h0km, mb2.1/8, Error ellipse: s-maj=20.8km s-min=10.4km az=158.1

IDC 22 10:37:56.2:0.7, 26.72N:144:09E, h0km, mb4.1/10, mb1 4.3/13, mb1mx4.0/41, mbtmp4.0/13, ML3.4/3, Error ellipse: s-maj=24.1km s-min=15.6km az=73.0

NEIC 22 10:37:57.6:0.5, 26.76N:144:07E, h0km, mb4.7/1, Error ellipse: s-maj=17.6km s-min=9.5km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, etc.

ISC 22 10:37:57.5:0.8, 26.82N:144:14E, h0km, n17, c0921/17, mb4.1/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, etc.

ISC 22 10:38:00.0:0.9, 26.75N:144:00E, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.8/39, mbtmp4.0/7, Error ellipse: s-maj=35.3km s-min=22.0km az=89.0

ISC 22 10:39:00.0:0.9, 26.77N:143:8E, h0km, mb4.0/9, Error ellipse: s-maj=28.9km s-min=13.8km az=158.6

NEIC 22 10:39:01.4:0.6, 26.78N:143:94E, h10km, mb4.3/2, Error ellipse: s-maj=19.0km s-min=10.5km az=67.0

ISC 22 10:39:01.5:0.9, 26.82N:143:92E, h0km, n11, c0701/11, mb4.1/9, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNU Nakatsu, WRAB Tennant Creek, etc.

JMA 22 10:40:15.2:0.1, 42.87N:145:38E, h7km, mb3.5, SKHL 22 10:40:16.0:0.7, 42.85N:145:41E, h3km, mb4.6/3

ISC 22 10:40:15.7:1.7, 42.86N:145:40E, h0km, n13, c081/12, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JAK Akkeshi, NEM2 Nemuro 2, NAKASH Nakash, JRA Rausu, ONBETS Onbets, YOB YOB, YUK YUK, YUK 180nm.0.1s, JAR Ashorobuto, JAR Jar, SHO Shikotan, SHO 60nm.0.2s, SHO 610nm.0.4s, SHO 240nm.0.4s, JCH Churui, JCR Churui, JTKR Abashiri-Toko, MYR Myori, MYR Kuril'sk, KUR Kuril'sk, KUR 60nm.0.4s, KUR 51nm.0.4s, YSS Yuzh-Sakhalins.

IDC 22 10:47:33.21.1, 3.2762N, 144.111E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/3, mbtmp3.6/6, ML3.8/1, MS3.4/1, MS1 3.4/1, ms1mx2.5/4.1, Error ellipse: s-maj=36.7km s-min=27.4km az=87.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matsushiro Arr, SONMG Songo Array, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr.

MEX 22 10:49:51.0.3, 17.666N, 101.222W, h57km, 5km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ZIIG Zihuatenejo, ARIG Puente Sto Nin, CAIG El Cayaco, PLIG Platanillo.

ISCJB 22 10:55:02.71.0, 27.1N, 0.14374E, h10km, mb3.5/6, Error ellipse: s-maj=18.8km s-min=10.8km az=173.7

IDC 22 10:55:02.81.1, 27.05N, 143.74E, h0km, mb3.5/6, mb1 3.8/8, mb1mx3.5/4, mbtmp3.6/6, ML3.6/2, Error ellipse: s-maj=25.3km s-min=22.9km az=158.0

ISC 22 10:55:04.4.1, 27.1N, 0.14367E, h10km, n9, c069/10, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CJJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, KLR Kul'dur, WRA Warramunga Arr, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea.

IDC 22 10:55:07.4.2, 27.26N, 144.79E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/4, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=126.4km s-min=21.6km az=78.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matsushiro Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, FINES FINES Array B.

IDC 22 11:05:08.2.1, 4.2799N, 143.75E, h0km, mb3.3/4, mb1 3.6/4, mb1mx3.3/4, mbtmp3.4/4, Error ellipse: s-maj=37.9km s-min=23.1km az=110.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CJJ Chichijima, KLR Kul'dur, WRA Warramunga Arr, MKAR Makanchi Array, YKA Yellowknife Arr.

ISCJB 22 11:05:41.4.0, 27.20N, 0.09143, 43E, h10km, mb3.9/15, Error ellipse: s-maj=13.3km s-min=7.3km az=162.1

IDC 22 11:05:41.6.0, 27.17N, 143.37E, h0km, mb3.8/13, mb1 4.0/15, mb1mx3.9/4, mbtmp3.8/15, ML3.0/2, Error ellipse: s-maj=21.8km s-min=15.3km az=167.0

NEIC 22 11:05:43.0.5, 27.14N, 143.37E, h10km, mb4.4/2, Error

ellipse: s-maj=11.7km s-min=11.3km az=115.0, ISC 22 11:05:43.1.0, 8.272N, 0.114337E, h10km, n20, c079/22, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBJJ Chichijima, MJAR Matsushiro Arr, USRK Ussuriysk Ar, KLR Kul'dur, SONMG Songo Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, ABKAR Abkulk array, YKA Yellowknife Arr, KBZ Khabaz, NVAR Mina Array Bea, TXAR Lajlatis Array, LPAZ La Paz.

ISC 22 11:08:30.8.0, 27.20N, 0.08143, 49E, h10km, mb4.0/13, Error ellipse: s-maj=11.4km s-min=6.4km az=164.3

IDC 22 11:08:31.3.1, 27.19N, 143.37E, h0km, mb3.9/11, mb1 4.1/14, mb1mx3.9/4, mbtmp3.9/4, ML3.4/3, MS2.8/1, MS1 2.8/1, ms1mx2.3/4, Error ellipse: s-maj=22.2km s-min=17.5km az=88.0

NEIC 22 11:08:32.9.0, 27.22N, 143.38E, h10km, mb4.3/2, Error ellipse: s-maj=12.9km s-min=10.0km az=83.0

ISC 22 11:08:32.7.1, 0.2722N, 0.14342E, h10km, n19, c090/23, mb4.2/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBJJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, ILAR Eielson Array, BVAR Borovoye Array, ABKAR Abkulk array, FINES FINES Array B, KBZ Khabaz, AKASA Malin Array Bea.

ISCJB 22 11:12:53.9.0, 8.269N, 0.114337E, h10km, mb3.9/9, MS3.2/1, Error ellipse: s-maj=14.9km s-min=10.9km az=61.1

IDC 22 11:12:54.1.0, 26.87N, 144.02E, h0km, mb3.6/9, mb1 3.8/10, mb1mx3.7/3, mbtmp3.6/10, ML3.6/1, MS3.3/2, MS1 3.3/2, ms1mx2.5/4.3, Error ellipse: s-maj=25.5km s-min=19.3km az=84.0

ISC 22 11:12:55.8.1, 0.269N, 0.114339E, h10km, n13, c136/12, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CJJ Chichijima, JHJ Hachiojima 2, MJAR Matsushiro Arr, KLR Kul'dur, SIJ Sorong, SONMG Songo Array, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea.

ISCJB 22 11:14:05.1.0, 9.272N, 0.114339E, h10km, mb3.5/7, Error ellipse: s-maj=15.6km s-min=13.3km az=9.8

IDC 22 11:14:05.2.1, 27.07N, 144.08E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.6/3, mbtmp3.6/3, ML3.7/2, Error ellipse: s-maj=27.4km s-min=21.5km az=88.0

ISC 22 11:14:06.8.1, 27.1N, 0.11440E, h10km, n10, c122/10, mb4.6/4, MS3.2/4, 2C-4D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CJJ Chichijima, JHJ Hachiojima 2, CJJ Chichijima.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matsushiro Arr, KSRS Korea Array, KLR Kul'dur, SONMG Songo Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr.

CSEML 22 11:20:19.4.0, 9.5153N, 16.18E, h1km, ML2.5/4, Error ellipse: s-maj=14.6km s-min=7.9km az=159.0

PRU 22 11:20:20.6.5, 51.51N, 16.16E, h0km, ISC 22 11:20:20.2.3, 51.51N, 0.11615E, h0km, n15, c086/21, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include UPC UPC, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, PVCC Panska Ves, BRG Berggiesshubel, GOPC Gop Ondr, GOPC Gop Pecny, PRU Pruhonice, PRU Pruhonice, MORC Moravsky Berou, MORC Moravsky Berou, CLL Collim, KHC Kasperske Hory, KHC Kasperske Hory.

ISCJB 22 11:25:55.7.0, 27.2N, 0.114337E, h10km, mb3.7/9, Error ellipse: s-maj=17.8km s-min=14.5km az=177.4

IDC 22 11:25:56.3.1, 0.2722N, 0.14348E, h0km, mb3.7/9, mb1 3.9/10, mb1mx3.7/4, mbtmp3.6/10, ML3.5/1, Error ellipse: s-maj=23.5km s-min=19.1km az=105.0

ISC 22 11:25:57.8.1, 0.2722N, 0.114335E, h10km, n12, c190/12, mb3.5/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CJJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, SONMG Songo Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINES Array B.

MOS 22 11:40:48.1.1, 26.79N, 143.99E, h10km, mb4.6/30, Error ellipse: s-maj=15.1km s-min=7.2km az=115.3

IDC 22 11:40:49.0.5, 26.86N, 143.97E, h0km, mb4.3/26, mb1 4.5/31, mb1mx4.4/58, mbtmp4.4/31, ML4.1/5, MS3.1/6, MS1 3.2/6, ms1mx2.8/43, Error ellipse: s-maj=15.3km s-min=11.5km az=77.0

BUI 22 11:40:48.5.2, 26.79N, 143.84E, h8km, mb4.7/43, MB4.9/30, MS4.6/16, MS7.4/3/17

NEIC 22 11:40:50.8.0, 26.89N, 143.92E, h10km, mb4.9/9, Error ellipse: s-maj=9.9km s-min=6.5km az=74.0

ISCJB 22 11:40:52.9.0, 26.87N, 0.105143, 83E, h33km, mb4.5/48, MS3.2/4, Error ellipse: s-maj=6.7km s-min=5.3km az=8.3

JMA 22 11:40:53.6.0, 1.2705N, 143.73E, h91km, MA.7, ISC 22 11:40:54.9.0, 26.86N, 0.106144, 83E, h35km, n141, c172/142, mb4.6/48, MS3.2/4, 2C-4D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBJJ Chichijima, CJJ Chichijima, JHJ Haha-jima-NKT, JHJ2 Mitsune, JHJ Hachiojima 2, BS03 Boso 3, BS04 Boso 4, JOD2 Odawara 2, JHU Hanno, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJOU Matsushiro, MAJOU Matsushiro, MAT Matsushiro, JNU Nakatsue, JNU Nakatsue, JNU Nakatsue, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array.

ISCJB 22 11:40:59.1.9, 9.272N, 0.114339E, h10km, mb3.5/7, Error ellipse: s-maj=15.6km s-min=13.3km az=9.8

IDC 22 11:40:59.2.1, 27.07N, 144.08E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.6/3, mbtmp3.6/3, ML3.7/2, Error ellipse: s-maj=27.4km s-min=21.5km az=88.0

ISC 22 11:40:59.8.1, 27.1N, 0.11440E, h10km, n10, c122/10, mb4.6/4, MS3.2/4, 2C-4D, Bonin Islands region

22d 12h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TMUT, B25A, A26A, C25A, Y12C, SRU, SRU, D25A, E25A, D26A, K22A, K22A, A28A, C27A, B28A, O20A, O20A, E26A, G25A, F26A, WU2A, WU2A, PV09, A29A, PV10, H25A, C28A, RSSD, RSSD, RAYN, RAYN, B29A, PV05, E27A, F27A, G26A, I25A, MDND, A30A, PV01, H26A, E28A, G27A, J25A, 214A, B30A, N23A, N23A, BRTR, BRTR, ULM, ULM, I26A, D29A, H27A, F28A, SMC0, MVCO, B31A, C30A, E29A, BR23, I27A, D30A, G28A, A32A, C31A, F29A, H28A, ISCO, E30A, B32A, J27A, I28A, KOLS, KOLS, S22A, A33A, F30A, TUC, TUC, H29A, AGMN.

2010 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AGMN, E31A, J28A, Q24A, G30A, F31A, C33A, K28A, B34A, J29A, SDCO, D33A, SUSD, F32A, K29A, B35A, G32A, E33A, D34A, J30A, C35A, F33A, N28A, H32A, J31A, O28A, G33A, D35A, H33A, C36A, E35A, 121A, L31A, F35A, CLL, ECSD, ECSD, J33A, G35A, H35A, S28A, P31A, SPMN, R30A, L34A, P32A, GERES, S30A, J36A, MNTX, MNTX, I37A, Q32A, K36A, J37A, M35A, S31A, I38A, O34A, Q33A, K37A, T31A, AMTX, AMTX, S32A, P34A, J38A, R33A, L37A, T32A, N36A, Q34A, R34A, L38A, O36A, W31A, N37A, M38A, Q35A, P36A, S34A, V32A.

1174

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like X31A, Z30A, R35A, Q36A, Y31A, N38A, P37A, S35A, U34A, R36A, TX31, TXAR, TXAR, N39A, Z31A, Y32A, P38A, S36A, R37A, U35A, T36A, 330A, Z32A, S37A, ABTX, Q39A, 530A, 431A, Q40A, 332A, 531A, R40A, JCT, 532A, 732A, PTGA, LPZ, LPZ, LPZ, LPZ, PLCA, PLCA, SAML, LCO, LVC, ISCJB, IDC, ISC, USRK, WRA, FITZ, ZALV, ASAR, MKAR, DZM, KDAK, ILAR, STKA, INK, YKA, FINES, NVAR, AKASA, PDAR, BRTR, GERES, TXAR, ISCJB, IDC, NEIC, ISC, CBJJ, CBJJ, MJAR, KRSR, KSAR.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include ASAJ Asahikawa, USRK Ussuriysk Arr, KLR Kul'dur, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, INK Inuvik, ABKAR Akbulak Arr, YKA Yellowknife Arr, FINES FINESS Array Be, AKASG Malin Array Be, PDAR Pinedale Array, TXAR Lajitas Array, LPAZ La Paz.

ISCJB 22 12:22:15.7e.0.7, 27.01N.0.09:143.7E.0.2, h10km, mb4.0/14, Error ellipse: s-maj=23.0km s-min=13.1km az=1.8

IDC 22 12:22:16.4e.0.8, 27.04N:143.54E, h0km, mb4.0/14, mb1.4/2.15, mb1mx4.0/5.0, mbtmp4.0/15, ML2.2/1, Error ellipse: s-maj=26.4km s-min=16.5km az=93.0

ISC 22 12:22:17.4e.0.9, 27.00N:0.143.7E.0.2, h10km, n16, c=072/16, mb4.0/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include USRK Ussuriysk Arr, KLR Kul'dur, SONMG Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, ILAR Eielson Array, INK Inuvik, YKA Yellowknife Arr, FINES FINESS Array, KBZ Khabaz, AKASG Malin Array Be, BRTR Keskin Array, LPAZ La Paz.

ISCJB 22 12:22:42.5e.0.3, 27.09N.0.06:143.46E.0.04, h10km, mb4.7/47, Error ellipse: s-maj=9.2km s-min=5.4km az=166.6

IDC 22 12:22:42.3e.0.5, 27.09N:143.46E, h0km, mb4.4/23, mb1.4/6.26, mb1mx4.4/5.0, mbtmp4.4/26, ML3.6/3, Error ellipse: s-maj=13.2km s-min=11.0km az=115.0

NEIC 22 12:22:43.9e.0.2, 27.08N:143.46E, h10km, mb4.8/14, Error ellipse: s-maj=6.7km s-min=5.4km az=162.0

ISC 22 12:22:43.9e.0.5, 27.08N:0.09:143.45E.0.06, h10km, n62, c=088/65, mb4.6/47, 1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, TPUB Ta-pu, SZP Santa, KLR Kul'dur, ULN Ulanbaatar, SONMG Songoing Array, SLVN Son La, CHAI Chiayaphum, LOEI Loei, PHRA Phrae, PBKT Sadao Pong, CMAT Chiang mai2, CHTO Chiang Mai, CHTO Chiang Mai Arr, SRDT SRDT, PHET Kaeng Krachan, WHL Shillong, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, KDAR Kodiak Island, COLD Coldfoot, ILAR Eielson Array, STKA Stephens Creek, KKAR Karatay Arr, INK Inuvik.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include ARU Arti, DLBC Dease Lake, YKA Yellowknife Arr, RES Resolute Bay, FINES FINESS Array B, KBZ Khabaz, MFID Camas Ranch, NVAR Mina Array Be, LRM Limekiln Ridge, FFC Filrion, QLMT Earthquake Lak, HVU Hansel Valley, LWKY Lake, DUG Dugway, AKASG Malin Array Be, PDAR Pinedale Array, NB2 NORSTAR Subarra, NOA NORSTAR Arr, PV01 Paradox Valley, BRTR Keskin Array, AMTX Amarillo, TXAR Lajitas Arr, SYO Sycowase, LPAZ La Paz, PLCA Paso Flores, SAML Samuel, LVC Limon Verde.

ISCJB 22 12:22:53.3e.0.4, 26.90N.0.07:143.48E.0.07, h10km, mb4.6/27, Error ellipse: s-maj=10.2km s-min=8.8km az=33.9

IDC 22 12:22:53.4e.0.6, 26.97N:143.48E, h0km, mb4.4/18, mb1.4/5.21, mb1mx4.4/5.0, mbtmp4.3/21, ML3.9/3, Error ellipse: s-maj=16.7km s-min=14.4km az=92.0

NEIC 22 12:22:54.9e.0.3, 26.96N:143.45E, h10km, mb4.7/6, Error ellipse: s-maj=8.6km s-min=7.6km az=53.0

ISC 22 12:22:54.8e.0.6, 26.97N:0.09:143.45E.0.09, h10km, n37, c=081/37, mb4.0/27, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, SONMG Songoing Array, TLY Talaya, CHTO Chiang Mai, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, MSVF Monsau, ILAR Eielson Array, STKA Stephens Creek, KKAR Karatay Arr, ABKAR Akbulak Arr, YKA Yellowknife Arr, ARCES ARCES Array B, NVAR Mina Array Be, LRM Limekiln Ridge, FFC Filrion, YMR Madison River, AHID Auburn Hatcher, AKASG Malin Array Be, PDAR Pinedale Array, NOA NORSTAR Arr, BRTR Keskin Array, ULM Lac du Bonnet, AMTX Amarillo, TXAR Lajitas Arr, LPAZ La Paz, LVC Limon Verde.

ISCJB 22 12:23:03.9e.0.5, 27.04N.0.07:143.46E.0.08, h10km, mb4.6/34, Error ellipse: s-maj=10.0km s-min=9.2km az=34.1

IDC 22 12:23:04.0e.0.6, 27.03N:143.39E, h0km, mb4.5/23, mb1.4/7.26, mb1mx4.6/5.0, mbtmp4.5/26, ML3.9/3, Error ellipse: s-maj=18.3km s-min=14.5km az=75.0

NEIC 22 12:23:05.5e.0.3, 27.03N:143.36E, h10km, mb4.8/1, Error ellipse: s-maj=8.4km s-min=7.7km az=42.0

ISC 22 12:23:05.7e.0.6, 27.08N:0.09:143.47E.0.09, h10km, n45, c=150/45, mb4.6/34, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include CBJJ Chichi jima, MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, MDJ Mudanjiang, KLR Kul'dur, SONMG Songoing Array.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include SKNT Sakalokorn, TLY Talaya, UTTA Utтарид, PBKT Sadao Pong, CHBT CHBT, CHTO Chiang Mai, CMAR Chiang Mai Arr, UMPA Umpang Tak, MHMT Maesseng, KHLT Kholaoem Dam, KRAB Krabi, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, TKM2 Tokmak 2, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, ARU Arti, GEYT Alibeck, YKA Yellowknife Arr, RES Resolute Bay, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Be, NACMG Narec, AKASG Malin Array Be, PDAR Pinedale Array, NOA NORSTAR Arr, BRTR Keskin Array, CLL Geres, GERES Geres Array B, TXAR Lajitas Arr, LPAZ La Paz, PLCA Paso Flores.

IDC 22 12:24:57.5e.0.5, 26.98N:143.50E, h0km, mb4.4/25, mb1.4/6.28, mb1mx4.5/5.0, mbtmp4.4/28, ML3.8/3, Error ellipse: s-maj=13.8km s-min=13.0km az=137.0

ISCJB 22 12:24:58.1e.0.2, 26.98N:0.06:143.50E.0.05, h10km, mb4.6/40, Error ellipse: s-maj=8.1km s-min=3.8km az=177.7

NEIC 22 12:24:58.9e.0.2, 26.94N:143.48E, h10km, mb4.9/14, Error ellipse: s-maj=6.2km s-min=5.7km az=43.0

JMA 22 12:24:59.4e.0.6, 27.18N:143.46E, h14km, M4.4

ISC 22 12:24:59.0e.0.5, 27.01N:0.08:143.49E.0.05, h10km, n187, c=169/180, mb4.6/40, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, ISC. Rows include CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, JCJ Chichijima, JCU Chichijima, JHHJ Haha-jima-NKT, JHU Hanno, MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Wonju Arr, ASAJ Asahikawa, USRK Ussuriysk Arr, MDJ Mudanjiang, KLR Kul'dur, SONMG Songoing Array, TLY Talaya, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, KDAR Kodiak Island, COLD Coldfoot, TKM2 Tokmak 2, ILAR Eielson Array, STKA Stephens Creek, BRVK Boroyev, KKAR Karatay Arr, INK Inuvik, ARU Arti, DLBC Dease Lake, ABKAR Akbulak Arr, YKA Yellowknife Arr, RES Resolute Bay, ARCES ARCES Array B, M02C Callahan, N02D Trinity Center, J05D Fort Rock, OR, M04C Macdoel.

22d 12h

Table with columns: Call Sign, Name, Az, El, P, R, Time, Res. Includes stations like NEW Newport, SWMT Swartz Lake, FINES FINESS Array B, etc.

2010 DEC

Table with columns: Call Sign, Name, Az, El, P, R, Time, Res. Includes stations like E31A Nome, J28A Allard Ranch, G30A Faulcon, etc.

1176

Table with columns: Call Sign, Name, Az, El, P, R, Time, Res. Includes stations like KKAR Karatay Array, INK Inuvik, DLBC Dease Lake, etc.

CN2	Changchun	22.07 324	eP	P	12 31 22.3	-1.6
CN2			ePP	PnPn	12 31 50.4	+4.2
CN2			eS	S	12 35 24.6	-1.2
CN2	comp=Z,30nm,0.9s		PMZ			
SZP	Santa	23.15 251	eP	P	12 31 35.2	-0.2
SZP			eSP	S	12 31 46.4	-0.1
KLR	Kul'dur	23.86 341	eP	P	12 31 42.0	-0.1
TIA	Kul'dur	23.86 341	iP	P	12 31 41.8	-0.3
TIA	Tai'an	24.03 299	iP	P	12 31 41.4	-2.5
WHN	Wuhan	25.59 285	P	P	12 31 57.6	-0.5
BJI	Beijing	25.94 307	PMZ		12 31 58.6	-2.6
BJI	comp=Z,15nm,1.6s		PMZ			
BJI	comp=Z,130nm,4.4s		LN			
BJI	comp=Z,340nm,15.1s		LE			
BJI	comp=Z,400nm,19.5s		LZ			
NKL	Nikolayevsk	26.12 356	eP	P	12 32 03.2	+0.6
NKL			ePmax	Pmax		
HIA	Hailar	28.67 327	iP	Pmax	12 32 26.1	+0.5
HIA			ePmax	Pmax		
XAN	Xi'an	30.32 292	P	P	12 32 39.5	-1.0
XAN			eP	S	12 32 43.5	-5.1
XAN			eSP	S	12 32 46.0	-5.9
XAN			ePP	PnPn	12 32 37.5	-1.5
XAN			eS	S	12 37 35.8	-3.3
XAN			eSS	Ss	12 37 43.0	-9.4
XAN			eSS	SsSn	12 39 12.5	-2.2
XAN	comp=Z,47nm,0.7s		PMZ			
XAN	comp=Z,64nm,3.7s		LN			
XAN	comp=Z,90nm,10.1s		LE			
XAN	comp=Z,260nm,13.1s		LZ			
CLNS	Chul'man	32.52 341	eP	P	12 32 57.0	-2.5
CLNS			ePmax	Pmax		
CLNS	comp=Z,20nm,1.5s		Pmax	Pmax		
CLNS	comp=N,13nm,1.1s		Pmax	Pmax		
GYA	Guyang	32.66 277	iP	P	12 33 02.0	+0.8
GYA			ePP	PnPn	12 34 10.3	+0.8
GYA			ePcP	S	12 35 48.8	+2.0
GYA			eS	S	12 38 17.5	+1.6
GYA			eScP	Ss	12 39 31.6	+2.6
GYA			ePMZ	SsSn	12 40 13.0	+1.1
GYA	comp=E,30nm,1.0s		PMZ			
GYA	comp=E,120nm,5.0s		LN			
GYA	comp=E,530nm,18.0s		LE			
GYA	comp=E,480nm,18.5s		LE			
GYA	comp=E,520nm,18.2s		LZ			
LZH	Lanzhou	34.62 295	iP	P	12 33 17.3	-0.9
LZH			eP	S	12 33 20.3	-6.0
LZH			eSP	S	12 33 21.8	-7.9
LZH	comp=E,33nm,1.0s		PMZ			
LZH	comp=E,96nm,4.9s		LN			
LZH	comp=E,360nm,14.9s		LE			
LZH	comp=E,450nm,15.3s		LZ			
CD2	Chengdu	34.69 286	iP	P	12 33 17.6	-1.2
CD2			eP	S	12 33 26.6	-3.7
CD2			eS	S	12 38 45.3	-1.9
CD2	comp=E,110nm,1.3s		PMZ			
CD2	comp=E,220nm,4.2s		LE			
CD2	comp=E,270nm,14.1s		LZ			
CD2	comp=E,330nm,14.2s		LZ			
ULN	Ulanbaatar	35.04 316	iP	P	12 33 21.5	-0.1
ULN			ePmax	Pmax		
ULN	comp=Z,29nm,1.2s		P	P	12 33 21.7	0.0
SON1	Songino Array	35.43 316	eP	P	12 33 24.5	-0.6
SONM	Songino Array	35.43 316	eP	P	12 33 24.7	-0.3
SONM	comp=Z,8.4nm,0.7s,baz=126,slow=7.5,SNR=17		P	P	12 33 24.7	-0.3
YAK	Yakutsk	36.12 349	eP	P	12 33 30.2	-0.3
YAK			ePmax	Pmax		
YAK	comp=Z,24nm,0.8s		PMZ			
YAK	comp=Z,36nm,1.0s		PMZ			
SLVN	Son La	36.30 270	eP	P	12 33 32.6	-0.1
SEY	Seymchan	36.35 7	P	P	12 33 32.3	-0.2
SEY	comp=Z,4.7nm,0.7s,baz=154,slow=4.4,SNR=5.6		P	P	12 33 32.3	-0.2
SEY	Seymchan	36.35 7	P	P	12 33 32.3	-0.2
KMI	Kunming	36.39 276	P	P	12 33 33.6	0.0
KMI			PMZ			
KMI	comp=Z,18nm,1.1s		PMZ			
BOD	Bodaibo	37.01 334	eP	P	12 33 38.0	-0.2
BOD			ePmax	Pmax		
PANO	Nakornpanom	37.07 263	P	P	12 33 40.4	+1.2
SKNT	Sakolnakhorn	37.70 263	P	P	12 33 45.3	+0.8
GTA	Gaotai	38.07 300	P	P	12 33 46.6	-1.0
GTA			eP	S	12 33 50.8	-5.0
GTA			eSP	S	12 33 53.8	-5.3
GTA			eS	S	12 39 42.6	+3.9
GTA			eSs	Ss	12 39 51.9	-0.3
GTA	comp=Z,17nm,1.0s		PMZ			
GTA	comp=Z,89nm,6.2s		PMZ			
GTA	comp=Z,240nm,16.2s		LN			
GTA	comp=Z,200nm,13.5s		LE			
GTA	comp=Z,250nm,13.8s		LZ			
ZAK	Zakamensk	38.30 318	eP	P	12 33 49.7	+0.4
ZAK			ePmax	Pmax		
IRK	Irkutsk	38.48 321	eP	P	12 33 51.0	+0.3
IRK			eS	S	12 39 52.0	+7.6
IRK			ePmax	Pmax		
TLY	Talaya	38.60 320	P	P	12 33 52.6	+0.8
TLY	comp=Z,19nm,0.8s,baz=136,slow=3.0,SNR=13		P	P	12 33 52.9	+1.1
TLY	Talaya	38.60 320	eP	P	12 33 52.9	+1.1
TLY			ePmax	Pmax		
TLY	comp=Z,55nm,1.1s		MLR	MLR		
TLY	comp=Z,122nm,13.0s		P	P	12 33 53.5	+1.8
TLY	comp=Z,239nm,0.9s,SNR=5.8		P	P	12 33 52.8	+1.1
TLY	Talaya	38.60 320	eP	P	12 33 52.8	+1.1
TLY	comp=Z,44nm,1.0s		P	P	12 33 57.5	+2.3
KHON	Khomkaen	38.96 263	P	P	12 33 57.5	+2.3

CRAI	Chiangrai	39.78 270	P	P	12 33 54.3	-7.7
CHAI	Chaiyaphum	39.87 262	P	P	12 34 02.8	0.0
CHAI	comp=Z,13nm,1.3s,comp=Z,137nm		P	P		
LOEI	Loei	39.91 265	P	P	12 34 00.3	-2.7
LOEI	comp=Z,76nm,0.7s		P	P		
MOY	Mondy	40.11 319	eP	P	12 34 05.2	+0.7
MOY			ePmax	Pmax		
UTTA	Uttaradit	40.45 266	P	P	12 34 07.7	+0.2
UTTA	comp=Z,40nm,2.0s		P	P		
PHRA	Phrae	40.48 267	P	P	12 34 07.7	-0.1
PHRA	comp=Z,518nm,1.1s		P	P		
PBKT	Sao Rong	40.52 264	P	P	12 34 08.5	+0.4
PBKT	comp=Z,94nm,1.0s		P	P		
SRAK	Srakaew	40.60 260	P	P	12 34 05.1	-3.7
SRAK	comp=Z,173nm,0.8s,comp=Z,2um		P	P		
CHBT	ChBT	40.89 258	P	P	12 34 11.9	+0.7
CHBT	comp=Z,71nm,1.3s		P	P		
MMRI	Maumere	40.97 213	eP	P	12 34 12.0	+0.2
MMRI	comp=Z,42nm,0.8s		eP	P		
SOEI	Soe	41.02 209	eP	P	12 34 11.5	-0.8
SOEI	comp=Z,64nm,0.9s		eP	P		
CMAI	Chiangmai	41.06 270	P	P	12 34 13.9	+1.1
CMAI	comp=Z,110nm,1.3s,comp=Z,6um		P	P		
SUKH	Sukhothai	41.37 266	P	P	12 34 16.4	+1.3
SUKH	comp=Z,4.3nm,0.7s,comp=Z,71nm		P	P		
MTN	Mantao Dam	41.41 198	eP	P	12 34 14.7	-0.7
MTN	comp=Z,30nm,0.8s		eP	P		
CMMT	Chiang Mai	41.51 268	P	P	12 34 15.8	-0.5
CMMT	comp=Z,30nm,1.1s,comp=Z,365nm		P	P		
CHTO	Chiang Mai	41.52 268	eP	P	12 34 15.8	-0.5
CHTO	comp=Z,135nm,1.1s,comp=Z,1um		eP	P		
CHTO	Chiang Mai	41.52 268	eP	P	12 34 15.8	-0.5
CHTO			ePmax	Pmax		
CHTO	comp=Z,27nm,1.0s		eP	P	12 34 15.8	-0.5
CHTO	Chiang Mai	41.52 268	eP	P	12 34 15.8	-0.5
CHTO	comp=Z,28nm,1.0s		eP	P	12 34 16.8	-0.5
CM01	Chiang Mai Arr	41.63 268	eP	P	12 34 16.8	-0.5
CMAR	Chiang Mai Arr	41.64 268	eP	P	12 34 16.8	-0.5
CMAR	comp=Z,11nm,1.0s,baz=59,slow=6.3,SNR=20		eP	P	12 34 16.8	-0.5
CMAR	Chiang Mai Arr	41.64 268	eP	P	12 34 16.8	-0.5
CMAR			ePmax	Pmax		
PATY	Pattaya	42.10 259	P	P	12 34 22.7	+1.6
PATY	comp=Z,2nm,1.1s,comp=Z,947nm		P	P		
UMPA	Umpang Tak	42.52 265	P	P	12 34 26.3	+1.7
UMPA	comp=Z,10nm,1.1s,comp=Z,2um		P	P		
MHMT	Maesarieng	42.63 268	P	P	12 34 25.8	+0.3
MHMT	comp=Z,20nm,1.0s,comp=Z,304nm		P	P		
SRDT	SRDT	43.03 262	P	P	12 34 29.3	+0.6
SRDT	comp=Z,100nm,1.3s,comp=Z,6um		P	P		
PHET	Kaeng Krachan	43.19 260	P	P	12 34 31.1	+1.2
PHET	comp=Z,11nm,1.0s		P	P		
KHLT	Khaolam Dam	43.32 263	P	P	12 34 31.8	+0.8
KHLT	comp=Z,16nm,1.2s		P	P		
HVS	Khovu-Aksy	44.31 317	eP	P	12 34 39.5	+0.8
HVS			ePmax	Pmax		
TIXI	Tiksi	45.34 354	eP	P	12 34 46.3	-0.1
TIXI	comp=Z,38nm,0.9s		eP	P		
TIXI	Tiksi	45.34 354	eP	P	12 34 46.3	-0.1
TIXI			ePmax	Pmax		
TIXI	comp=Z,10.0nm,0.6s		eP	P	12 34 46.3	-0.1
TRTT	Trang	45.51 253	eP	P	12 34 50.2	+1.6
TRTT	comp=Z,9.6nm,0.6s		eP	P		
LSA	Lhasa	45.66 286	P	P	12 34 50.3	+0.2
LSA	comp=Z,20nm,1.3s		P	P		
LSA	Lhasa	45.66 286	eP	P	12 34 50.4	+0.2
LSA	comp=Z,12nm,1.0s		eP	P		
LSA	Lhasa	45.66 286	eP	P	12 34 50.4	+0.2
LSA	comp=Z,6.0nm,0.6s		eP	P		
LSA	Lhasa	45.66 286	eP	P	12 34 50.4	+0.2
LSA	comp=Z,6.3nm,0.6s		eP	P		
KRAB	Krabi	45.74 254	P	P	12 34 52.0	+1.6
KRAB	comp=Z,28nm,1.1s		P	P		
SHL	Shillong	45.87 280	eP	P	12 34 51.5	0.0
SHL	comp=Z,28nm,1.1s		eP	P		
KULM	Kulim	46.03 250	eP	P	12 34 52.8	+0.1
KULM	comp=Z,20nm,1.0s		eP	P		
IPM	Iphoh	46.16 248	eP	P	12 34 53.8	+0.1
IPM	comp=Z,23nm,1.0s		eP	P		
CTA	Charters Tower	46.97 176	P	P	12 34 58.6	-1.2
CTA	comp=Z,7nm,0.6s,baz=15,slow=12,SNR=4.4		P	P		
CTA	Charters Tower	46.97 176	P	P	12 34 58.6	-1.2
CTA			ePmax	Pmax		
WMQ	Urumqi	47.41 306	iP	P	12 35 03.3	+0.1
WMQ			eP	P	12 35 10.1	+1.5
WMQ			ePcP	PcP	12 36 34.3	+0.8
WMQ			eS	S	12 41 50.4	-5.4
WMQ	comp=Z,25nm,1.4s		PMZ			
WMQ	comp=Z,160nm,5.4s		PMZ			
WMQ	comp=Z,310nm,17.0s		LE			
WMQ	comp=Z,340nm,18.0s		LZ			
WRAB	Tennant Creek	47.53 191	eP	P	12 35 03.9	-0.3
WRAB			ePmax	Pmax		
WRAB	comp=Z,50nm,1.0s		P	P	12 35 03.6	-0.6
WRAB	Tennant Creek	47.53 191	eP	P	12 35 03.9	-0.3
WRAB	comp=Z,330nm,0.6s,SNR=8.4		eP	P		
WRAB	Tennant Creek	47.53 191	eP	P	12 35 03.6	-0.7
WRA	Warramunga Arr	47.55 191	P	P	12 35 03.6	-0.7
WRA	comp=Z,23nm,0.6s,baz=12,slow=8.6,SNR=15		P	P		
WRA	Warramunga Arr	47.55 191	P	P	12 35 03.6	-0.7
WRA			ePmax	Pmax		
WC3	Warramunga Arr	47.55 191	eP	P	12 35 04.0	-0.4
WC3	comp=Z,23nm,0.6s		eP	P		

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OBNSK, IPARS, IRASZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AK11, BLOC, BW0C, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like F35A, BRG, BRG, etc.

ISCJB 22 12:26:38.1±0.4, 27.02N±0.07, 143.30E±0.07, h10km, mb4.8/31, Error ellipse: s-maj=10.1km s-min=8.6km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBJ, JCJ, MJAR, etc.

comp=Z,1.2nm,0.7s,baz=295,slow=1.4,SNR=7.3
TEIG Topich 111.45 52 ePKPfd PKIKP 12 45 20.1 +5.4
TORD Torodi Ar. Bea 125.40 312 PKP PKPfd 12 45 41.6 0.0
LPAZ La Paz 148.99 76 PKPbc PKPbc 12 46 29.9 +0.6

JMA 22 12:33:53.0:1.2,04N:121.70E,h41km,1km,M3.7
ISCJB 22 12:33:54.0:2.24,08N:121.78E:0.01,h44km,4km,
mb3.5/5,Error ellipse: s-maj=2.9km s-min=1.9km
baz=144.8

TAP 22 12:33:54.3:2.08N:121.71E,h40km,ML4.2,B
IDC 22 12:34:01.1:7.2,23,00N:121.59E,h14km,70km,mb3.2/5,
mb1.3/4.6,mb1mx3.2/4.8,mbtmp3.6/6,Error ellipse:
s-maj=46.4km s-min=17.8km az=72.0

ISC 22 12:33:54.3:0.9,24,06N:121.76E:0.02,h36km,1km,
n88,r1547/139,mb3.5/5,13C-14D,Taiwan

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 2010 DEC period.

BUI 22 12:34:55.0:27.10N:143.70E,h5km,mb4.8/19,mb4.9/11,
Ms4.7/1,Ms7.4/4.1
MOS 22 12:34:57.8:0.9,27.04N:143.42E,h10km,mb4.6/30,Error
ellipse: s-maj=14.5km s-min=6.8km az=118.6

IDC 22 12:34:58.3:0.5,27.03N:143.36E,h0km,mb4.3/22,
mb1.4/4.2,mb1mx4.3/4.9,mbtmp4.3/25,ML3.9/3,Error
ellipse: s-maj=14.2km s-min=13.4km az=36.0

NEIC 22 12:34:59.9:0.3,27.06N:143.38E,h10km,mb4.7/11,Error
ellipse: s-maj=7.5km s-min=7.2km az=219.0

NIED 22 12:35:00.27:20N:143.40E,h5km,Mw4.2 Best double
couple: M:1.94000x10^15 NP1:0.345,00000°,delta26.00000°,
lambda-47.00000°, NP2:0.119,00000°,delta71.00000°,
lambda-108.00000°

JMA 22 12:35:01.6:27.20N:143.36E,h72km,ML4.2
ISCJB 22 12:35:02.4:0.4,27.26N:143.35E:0.05,h33km,
mb4.6/5.1,Error ellipse: s-maj=7.6km s-min=4.5km
az=141.3

ISC 22 12:35:03.7:0.5,27.12N:143.33E:0.06,h35km,n122,
r1541/127,mb4.5/1.1,C-D,Bonin Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 22d 12h period.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Red Lodge, Auburn Hatcher, Dugway, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Vivian Onida, Hecla, KOLS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Kota Agung, Liwa, Kotabumi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Songoing Array, Warrung Arr, Makanchi Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Zihuatanejo, Puente Sto Nin, El Cayaco, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Chichijima, Matsuhiro Arr, KLR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Songoing Array, WRA, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Chichijima, Matsuhiro Arr, KLR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Chichijima, Matsuhiro Arr, KLR, etc.

ISK 22 12:58:18.3 40:23N:33:25E h5km ML3.7
DDA 22 12:58:18.8 40:22N:33:27E h19km ML3.8
CSEM 22 12:58:19.4 0.1 40:23N:33:27E h2km ML3.8 Error

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Eldivan, Balala, BBAL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Afar-Bala, ILGA, KAMT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sere, Serefikochisa, COAL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Svrh, Svrh, Svrh, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Svrh, Svrh, Svrh, etc.

22d 13h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KSJDO Jindo, KSRS Korea Array, KSKOJ Gongju, etc.

2010 DEC

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SNY comp=E,1um,14.7s, SNY comp=E,1um,13.2s, etc.

1184

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like GYA comp=E,510nm,18.1s, SDKM Sandakan, MA2 Magadan, etc.

22d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Wollman Farm, Chrisman Ranch, Danmarks Havn, etc.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VSR, VOR, VORD, VORV, etc.

1186

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like FFC, FFL, FFC, FFL, etc.

22d 13h

Table with columns: Station, Comp, Az, El, SNR, P, X, Y, Z. Includes stations like VRH Novokhoporsky, VRH Modoc, ORV Oroville, LPSR Galich ya Gora, etc.

2010 DEC

Table with columns: Station, Lake, Comp, Az, El, SNR, P, X, Y, Z. Includes stations like LKWY Lake, NACGM Naroch, FLWY Flagg Ranch, BGU Big Grassy Moun, etc.

1190

Table with columns: Station, Comp, Az, El, SNR, P, X, Y, Z. Includes stations like N23A Red Feather L, N23A Red Feather La, B30A Myrvik Farm, etc.

H33A	Prehn Over Nor	89.94	38	P	P	13 23 44.5 +0.3
E35A	Pequot Lakes	89.99	36	P	P	13 23 44.3 -0.1
C36A	Pine Crest Far	89.99	34	P	P	13 23 44.2 -0.2
121A	Cookes Peak, D	90.01	53	P	P	13 23 45.7 +0.7
F34A	Alexandria	90.04	37	P	P	13 23 44.9 +0.3
K31A	O'Neill	90.09	41	P	P	13 23 45.2 +0.3
P28A	Saint Francis	90.11	45	P	P	13 23 44.9 -0.3
G34A	Benson	90.19	37	P	P	13 23 45.5 +0.2
D36A	Goodland	90.22	35	P	P	13 23 45.7 +0.3
L31A	Butterfield Fa	90.31	41	P	P	13 23 46.1 +0.1
F35A	Swanville	90.36	36	P	P	13 23 46.4 +0.3
H34A	Spellman Lake,	90.48	38	P	P	13 23 46.6 -0.1
K32A	Verdigre	90.52	40	P	P	13 23 47.1 +0.1
CLL	Collim	90.59 331	i P			13 23 54.8 +7.8
CLL	Collim	90.59 331	e P			13 23 46.0 -1.0
CLL	Collim	90.59 331	i(e) P			13 23 54.8 +7.8
E36A	McGregor	90.61	35	P	P	13 23 47.5 +0.3
ECSD	EROS Data Cent	90.62	39	P	P	13 23 47.5 +0.1
ECSD	EROS Data Cent	90.62	39	eP	P	13 23 47.8 +0.4
J33A	Davis	90.68	39	P	P	13 23 47.7 0.0
G35A	Watkins	90.82	37	P	P	13 23 48.9 +0.7
L32A	Elgin	90.91	41	P	P	13 23 49.0 +0.2
F36A	Milaca	90.91	36	P	P	13 23 48.7 0.0
H35A	Sunnyside Ranc	90.98	37	P	P	13 23 49.2 +0.2
K33A	Hardington	91.11	40	P	P	13 23 50.0 +0.3
R29A	Marienthal	91.17	45	P	P	13 23 50.1 -0.1
S28A	Manter	91.18	46	P	P	13 23 50.5 +0.3
G36A	St. Michael	91.20	36	P	P	13 23 50.1 0.0
I35A	Creekview Farm	91.44	38	P	P	13 23 51.3 +0.1
H36A	Jessenland, He	91.55	37	P	P	13 23 52.4 +0.8
K34A	Le Mars	91.58	39	P	P	13 23 51.8 0.0
P31A	Stockton	91.61	43	P	P	13 23 52.5 +0.3
J35A	Milford	91.64	39	P	P	13 23 52.4 +0.2
S29A	Ulysses	91.66	46	P	P	13 23 52.5 +0.1
SPMN	St. Paul	91.71	36	P	P	13 23 52.6 +0.3
SPMN	St. Paul	91.71	36	eP	P	13 23 53.1 +0.7
R30A	Dighton	91.80	45	P	P	13 23 53.6 +0.6
CBKS	Cedar Bluff	91.82	44	P	P	13 23 53.2 +0.1
L34A	Svendsen Farm,	91.88	40	P	P	13 23 53.5 +0.2
KHC	Kasperske Hory	91.93 330	eP			13 23 52.8 -0.6
KHC	Kasperske Hory	91.93 330	eP			13 23 52.8 -0.6
K35A	Storm Lake	92.04	39	P	P	13 23 54.0 0.0
S30A	Montezuma	92.07	46	P	P	13 23 54.5 +0.2
H37A	Dierke Farm, C	92.08	37	P	P	13 23 54.4 +0.3
GERES	GERES Array B	92.09 329	P			13 23 53.2 -1.0
J36A	Seneca 1, Swea	92.14 38	P			13 23 54.5 +0.1
MNTX	Cornudas Mount	92.17 53	P			13 23 55.3 +0.5
MNTX	Cornudas Mount	92.17 53	eP			13 23 55.2 +0.3
I37A	Lemond, Waseca	92.20	37	P	P	13 23 54.7 0.0
L35A	Bielow Farm, R	92.26	40	P	P	13 23 54.9 -0.1
R31A	Burdett	92.27	45	P	P	13 23 55.2 +0.1
O33A	Hebron	92.36	42	P	P	13 23 55.4 -0.1
Q32A	Meitler Ranch,	92.44	44	P	P	13 23 55.8 -0.2
K36A	Gilmore City	92.53	39	P	P	13 23 56.2 0.0
J37A	Redenius Farm,	92.59	38	P	P	13 23 56.3 -0.1
M35A	Neola	92.59	40	P	P	13 23 56.9 +0.4
U30A	WK&E Inc. Balk	92.61	46	P	P	13 23 57.0 +0.2
P31A	Williams Farm,	92.69	43	P	P	13 23 57.2 +0.1
S33A	Mullinville	92.70	45	P	P	13 23 57.5 +0.3
MSTX	Muleshoe	92.70	50	P	P	13 23 57.8 +0.5
I38A	Scanlan Farm,	92.76	37	P	P	13 23 57.6 +0.3
L36A	Harm Buss Farm	92.76	39	P	P	13 23 58.0 +0.7
Q33A	Connelly Farm,	92.88	43	P	P	13 23 58.2 +0.2
T31A	Randall Ranch,	92.89	46	P	P	13 23 58.6 +0.6
K37A	Belmond	92.90	38	P	P	13 23 58.4 +0.5
AMTX	Amarillo	92.91	48	eP	P	13 23 58.8 +0.5
AMTX	Amarillo	92.91	48	eP	P	13 23 58.9 +0.7
S32A	Newby Ranch, P	93.00	45	P	P	13 23 59.2 +0.7
V30A	Spur Ranch, Mi	93.04	47	P	P	13 23 59.5 +0.6
M36A	Felix, Anita	93.11	40	P	P	13 23 59.1 +0.2
P34A	Walnut Farm, R	93.14	42	P	P	13 23 59.0 -0.2
R38A	Wedel Dairy, R	93.17	37	P	P	13 23 59.2 +0.1
J33A	Olander Ranch,	93.22	44	P	P	13 23 59.6 +0.1
Q35A	Humboldt	93.23	41	P	P	13 23 59.6 +0.1
L37A	Phoenix Point,	93.26	39	P	P	13 23 59.7 +0.1
T32A	Huddler Ranch,	93.32	45	P	P	13 24 00.4 +0.3
N36A	Muff Farm, Cla	93.43	40	P	P	13 24 00.5 +0.1
Q34A	Chapman	93.47	43	P	P	13 24 00.6 0.0
KSU1	Kansas State U	93.56	42	P	P	13 24 01.3 +0.2
KSU1	Kansas State U	93.56	42	eP	P	13 24 01.0 0.0
M37A	Trindle Farm,	93.56	39	P	P	13 24 01.2 +0.2
V31A	Spring Creek L	93.59	47	P	P	13 24 02.0 +0.7
P35A	Duane Minner,	93.64	42	P	P	13 24 01.5 +0.1
S33A	Kaszaul Farm,	93.65	44	P	P	13 24 01.8 +0.3
R34A	Isabella, Hill	93.67	43	P	P	13 24 01.8 +0.2
L38A	Oak Wood Farm,	93.69	38	P	P	13 24 01.7 +0.1

O36A	Bolckow	93.87	41	P	P	13 24 02.4 0.0
W31A	Holland Ranch,	93.87	47	P	P	13 24 02.9 +0.3
N37A	Lee Faris, Mou	93.90	40	P	P	13 24 02.9 +0.3
Y30A	Stafford Catti	94.02	49	P	P	13 24 03.5 +0.1
M38A	Pleasantville	94.04	39	P	P	13 24 03.3 +0.1
Q35A	Mercer Eighty,	94.06	42	P	P	13 24 03.7 +0.3
P36A	McIntent, A	94.06	41	P	P	13 24 03.7 +0.3
V32A	Arapaho	94.16	46	P	P	13 24 04.5 +0.7
X31A	McDonald Ranch	94.18	48	P	P	13 24 04.3 +0.3
Z30A	Sanderson Ranc	94.22	49	P	P	13 24 04.5 +0.3
U33A	Lingo Farm, Me	94.30	45	P	P	13 24 04.7 +0.2
R35A	Emporia Munici	94.30	43	P	P	13 24 04.9 +0.4
O37A	Wolven Farm, M	94.33	40	P	P	13 24 04.7 +0.2
Q36A	Arnold C. Orve	94.33	42	P	P	13 24 04.4 -0.2
W32A	Sentinel	94.37	47	P	P	13 24 05.2 +0.3
Y31A	Relta Farm,	94.40	48	P	P	13 24 05.3 +0.3
N38A	Joess South For	94.43	40	P	P	13 24 04.6 -0.4
T34A	McClaskey Farm	94.51	44	P	P	13 24 05.6 +0.2
V33A	Lossen Ranch,	94.56	46	P	P	13 24 06.0 +0.3
P37A	Lathrop	94.59	41	P	P	13 24 05.7 -0.1
S35A	Outer Creek Ra	94.63	43	P	P	13 24 06.2 +0.2
U34A	Anderson Ranch	94.66	45	P	P	13 24 06.8 +0.7
R36A	Gordon, Harris	94.72	43	P	P	13 24 06.4 0.0
TX31	Lajitas Ar. Si	94.72	54	eP	P	13 24 07.2 +0.5
TXAR	Lajitas Array	94.72	54	eP	P	13 24 06.9 +0.2
TXAR	Lajitas Array	94.72	54	P	P	13 24 06.9 +0.2
X32A	Elmer	94.77	47	P	P	13 24 06.9 +0.2
N39A	Derby Farms, D	94.79	39	P	P	13 24 06.7 0.0
W33A	Caddo, Fort Co	94.86	47	P	P	13 24 07.6 +0.5
Z31A	Sharp Cattle R	94.86	49	P	P	13 24 07.5 +0.3
Y32A	R-V Farms, Ver	94.92	48	P	P	13 24 07.6 +0.2
T35A	Sooner Cattle	95.00	44	P	P	13 24 07.5 -0.2
P38A	Dawn	95.04	41	P	P	13 24 07.8 0.0
V34A	Guthrie	95.04	45	eP	P	13 24 08.3 +0.4
Z30A	Sterling City	95.05	50	P	P	13 24 08.6 +0.5
S36A	Lake Cedric, C	95.05	43	P	P	13 24 08.0 0.0
U35A	Pawnee	95.20	45	P	P	13 24 08.8 +0.2
X33A	Lawton	95.21	47	P	P	13 24 09.2 +0.5
W34A	Bridge Creek,	95.25	46	P	P	13 24 09.3 +0.4
330A	Mertzson	95.29	51	P	P	13 24 09.1 -0.1
T36A	Boggs Farm, Ca	95.30	44	P	P	13 24 09.1 0.0
Z32A	Hasell	95.31	48	P	P	13 24 09.6 +0.4
Y33A	Hilltop Ranch,	95.45	47	P	P	13 24 09.7 -0.1
S37A	Fort Scott	95.49	43	P	P	13 24 09.3 -0.6
Q39A	Willow Grove F	95.74	41	P	P	13 24 11.0 0.0
R38A	Fenwick Farm,	95.76	42	P	P	13 24 10.2 -1.0
Z33A	Whitaker Ranch	95.80	48	P	P	13 24 11.6 +0.1
U36A	Oologah	95.81	44	P	P	13 24 11.6 +0.2
T37A	Cheyeville 18	95.85	43	P	P	13 24 11.7 +0.1
331A	San Angelo	95.86	51	P	P	13 24 11.7 -0.1
W35A	Teunseh	95.88	46	P	P	13 24 12.1 +0.4
530A	J-C Ranch, Com	95.91	52	P	P	13 24 12.0 0.0
Y34A	Reagan Ranch,	96.05	47	P	P	13 24 12.6 0.0
431A	Sonora	96.11	51	P	P	13 24 12.9 0.0
R39A	Chumby, Stover	96.19	41	P	P	13 24 12.5 -0.6
332A	Millerview	96.29	50	P	P	13 24 14.0 +0.2
Q40A	Laux Farm, Aux	96.30	40	P	P	13 24 13.1 -0.5
W36A	Wetumka	96.30	45	P	P	13 24 13.5 -0.1
531A	Rocksprings	96.45	52	P	P	13 24 14.4 -0.2
233A	Rising Star	96.48	49	P	P	13 24 14.3 -0.3
U38A	Gravette	96.41	43	P	P	13 24 14.4 -0.7
R40A	Maddies Statio	96.66	41	P	P	13 24 14.7 -0.5
134A	White-Moore Ra	96.69	48	P	P	13 24 15.4 -0.1
Z35A	Perchman, San	96.77	47	P	P	13 24 16.1 +0.2
JCT	Junction City	96.79	51	P	P	13 24 16.0 0.0
532A	Rocksprings	96.92	51	P	P	13 24 16.6 -0.1
433A	Art	97.11	50	P	P	13 24 16.8 -0.7
MIAR	Mound Ida	98.35	44	P	P	13 24 22.6 -0.3
TORD	Tordi Ar. Bea	125.42 312	PKP	PKPdf		13 29 46.1 -0.6
VNA2	Neumayer-Watz	137.13 193	P	PKPdf		13 30 00.5 +0.8
VNA3	Neumayer Olymp	133.29 192	P	PKPdf		13 30 00.6 +0.6
LPZ	La Paz	148.66 76	PKP	PKPbc		13 30 34.1 +0.1
LPZ	La Paz	148.86 76	PKP2	PKPbc		13 30 34.1 +0.1
PLCA	Paso Flores	148.90 125	PKPbc	PKPbc		13 30 32.6 -0.2
PLCA	Paso Flores	148.90 125	PKP2	PKPbc		13 30 32.6 -0.2
SAML	Samuel	149.04 59	ePKPdf	PKPdf		13 30 29.2 -0.5
LCO	Las Campanas	149.88 102	ePKPbc	PKPbc		13 30 33.4 -0.4
LVC	Limon Verde	150.37 89	ePKPbc	PKPbc		13 30 38.2 +0.4
CUPV	Villa Florida	161.44 92	PKP	PKPbc		13 30 45.1 -1.0
CPUP	comp=2.1, 9nm, 1.0s, baz=293, slow=0.4, SNR=3.4		PKPab	PKPab		13 31 30.0 -0.5
CPUP	comp=2.2, 5nm, 0.8s, baz=293, slow=4.6, SNR=5.4		PKIKP	PKPdf		13 30 45.1 -1.0
CPUP	comp=2.2, 0nm, 1.0s			pmax		13 31 30.0
CPUP	comp=2.2, 0nm, 0.8s			pmax		13 31 30.0

IDC 22 13:18:15.8-1.6, 2.6, 399N-143.30E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/42, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=28.9km s-min=24.8km az=61.0, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
JCJ	Chichijima	1.00	276	Op	13 18 37.7	+0.5
JCJ	13nm, 0.3s, baz=338, slow=23, SNR=7.7			Pn		
JCJ				Sn	13 18 52.2	+0.2
MJAR	Matsushiro Arr	10.46	337	Pn	13 20 47.7	+0.6
KLR	Kul'dur	23.93	341	P	13 23 31.6	+0.1
WRA	Warramunga Arr	47.46	191	P	13 26 52.5	0.0
ZALV	Zalesovo Beam	50.22	319	P	13	

22d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOEI, PHRA, MORWA, CMAR, GYA, NJ2, CD2, STKA, XAN, KSRS, MJAR, LSA, HHC, ODAN, TAPN, RAMN, JIRN, GUN, GTA, PKI, PKIN, KKN, DMN, MDJ, KOLN, ULN, SONM, WMQ, KSH, MKAR, TKM2, KBL, EKS2, PETK, ZAAO, ZALV, YAK, KKAR, MAW, Vnda, PDAR, TORD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ, JCJ, MJAR, MAJ, MAS, KSAR, USRK, USRK, KLR, SONM.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB, WRA, FITZ, ASAR, MKAR, ILAR, STKA, KKAR, INK, YKA, KBZ, NVAR, PDAR, AKASO, NOA, BRTR, TXAR, LPAZ, CBIJ, MJAR, KSRS, KLR, CMAR, WRA, ZALV, ASAR, MKAR, ILAR, YKA, FINES, LPAZ, CSEM, LDG, ZUR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ, JCJ, MJAR, MAJ, MAS, KSAR, USRK, USRK, KLR, SONM.

1192

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, NVAR, PDAR, MEX, JCJ, MJAR, KLR, SONM, WRA, ZALV, ASAR, MKAR, KURBS, ILAR, STKA, INK, YKA, PDAR, CSEM, LDG, ZUR, SALAN, SMUR, GRON, AIGLE, DIX, LPL, LPL, LPG, LPG, MBDF, MBDF, ORIF, ORIF, ORIF, DDA, ISK, CSEM, ANDN, ANDN, ANDN, SARI, KOZT, KOZT, AKO, PINB, PINB, KMRS, KMRS, AYKD, AYKD, HCB, KAMA, KAMA, DARE, DARE.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANDN, ANDN, ANDN, SARI, KOZT, KOZT, AKO, PINB, PINB, KMRS, KMRS, AYKD, AYKD, HCB, KAMA, KAMA, DARE, DARE.

Table with columns: ACKD, Acadag, 1.48, 76, P, Pb, 13 37 56.6 +0.3, 13 38 17.1 +0.8, 13 37 56.6 +0.3, 13 38 17.1 +0.8

ISC 22 13:38:44.2, 2.7, 26.86N, 143.74E, h10km, mb3.3/2, mb1 3.6/3, mb1mx3.4/3, mbtmp3.4/3, ML3.7/1, Error ellipse: s-maj=52.9km s-min=23.7km az=44.0, Bonin Islands region

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

ISC 22 13:40:10.0, 0.4, 26.76N, 143.04E, h10km, mb4.5/37, MS3.5/5, Error ellipse: s-maj=7.9km s-min=6.0km az=17.1

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

ISC 22 13:40:10.0, 0.0, 26.79N, 144.10E, h10km, mb4.2/22, mb1 4.3/26, mb1mx4.2/43, mbtmp4.2/26, ML3.6/3, MS3.4/11, Ms1 3.4/11, ms1mx3.1/63, Error ellipse: s-maj=16.7km s-min=13.1km az=68.0

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

Table with columns: ASAR, Alice Springs, 51.09, 192, P, 13 49 13.9 -0.5, 13 50 30.4 +0.2, 13 50 21.3 +0.5, 13 49 31.2 +1.2, 13 49 38.9 +0.3, 13 50 03.3 +4.4, 13 50 06.3 +4.2, 13 52 11.1 +5.0, 13 57 56.1 +1.6, 13 58 04.3 +4.5, 13 59 45.9 -2.8, 14 01 48.1 +4.9

ISC 22 13:40:10.0, 0.0, 26.77N, 144.06E, h10km, mb4.8/6, Error ellipse: s-maj=6.8km s-min=5.1km az=68.0

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

ISC 22 13:45:14.5, 0.2, 26.77N, 143.93E, h10km, n73, +108/67, mb4.5/37, MS3.4/5, 1C, Bonin Islands region

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

ISC 22 13:45:14.5, 0.0, 26.82N, 143.93E, h10km, mb3.9/11, Error ellipse: s-maj=16.5km s-min=12.4km az=148.8

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

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

ISC 22 13:49:05.0, 4.0, 26.97N, 143.79E, h10km, mb4.8/2, Error ellipse: s-maj=9.9km s-min=7.6km az=76.0

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

ISC 22 13:45:16.2, 0.0, 26.83N, 143.96E, h10km, mb4.4/1, Error ellipse: s-maj=14.4km s-min=10.5km az=66.0

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

ISC 22 13:45:16.2, 0.1, 26.88N, 143.93E, h10km, n20, +081/21, mb4.0/11, Bonin Islands region

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

ISC 22 13:46:43.9, 0.9, 26.68N, 143.76E, h10km, mb3.5/6, Error ellipse: s-maj=19.8km s-min=12.5km az=32.6

ISC 22 13:46:43.9, 1.3, 26.67N, 143.86E, h10km, mb3.6/6, mb1 3.8/7, mb1mx3.6/39, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=37.0km s-min=21.6km az=77.0

ISC 22 13:46:45.8, 0.1, 26.77N, 143.76E, h10km, n8, +1506/9, mb3.5/6, Bonin Islands region

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

ISC 22 13:49:03.7, 0.4, 26.96N, 143.76E, h10km, mb4.1/26, MS5.0/2, Error ellipse: s-maj=9.7km s-min=6.8km az=0.9

ISC 22 13:49:03.8, 0.6, 26.95N, 143.83E, h10km, mb4.1/24, mb1 4.2/27, mb1mx4.2/44, mbtmp4.1/27, ML3.8/3, MS5.0/2

ISC 22 14:02:18.0, 41.03N, 36.10E, h7km, MD2.4

ISC 22 14:02:17.0, 41.01N, 36.10E, h7km, MD2.8

ISC 22 14:02:16.4, 0.8, 41.13N, 36.15E, h10km, Error ellipse: s-maj=7.9km s-min=6.2km az=137.2

DDA 22 14:02:18.0, 41.03N, 36.10E, h7km, MD2.4

ISK 22 14:02:17.0, 41.01N, 36.10E, h7km, MD2.8

22d 14h

CSEM 22 14:02:17.1.0.4, 41.08N,36.06E,h1km,MD2.8, Error ellipse: s-maj=12.8km s-min=9.1km az=46.0, Mining explosion.

ISC 22 14:02:16.8.0.9, 41.03N,0.03.36.07E,0.05,h0km,m17, c061/23, Turkey

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

ISCJJB 22 14:02:42.8.0.7, 13.55S,0.08.111.5W,0.1,h1km, mb4.7/33,MS4.2/13, Error ellipse: s-maj=17.0km s-min=9.2km az=147.0

IDC 22 14:02:42.3.0.7, 13.56S,111.66W,h0km,mb4.5/12, mb1.4/6/12,mb1mx4.3/36,mbtmp4.5/12,MS4.2/14, Ms1.4.2/14,ms1mx4.1/21, Error ellipse: s-maj=23.8km s-min=18.2km az=57.0

GCMT 22 14:02:43.5.0.2, 13.47S,111.80W,h22km,1km,MW5.1/97, Moment Tensor Solution, s46,c58; s97,c144; Duration: 0 Moment tensor: Scale 10^19Nm; M1=0.92,16;

MW2: 16z: 15; Mw: 1.24; 17; Mw0.29; 23; Mw4.96; 13; Mw=0.91z: 25; Best double couple: Mw3.35100; 1016 NP1: 0.100000; 0.83.00000; A: 169.00000; NP2: 0.279.00000; 0.79.00000; A: 17.00000; Principal axes: T: 5.7170, P1g3.0000; Azm144.0000; N: -0.7300, P1g7.0000; Azm43.0000; P: -4.9860, P1g13.0000; Azm235.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 22 14:02:43.5.0.6, 13.46S,111.61W,h10km,mb5.0/19 Error ellipse: s-maj=16.6km s-min=11.5km az=61.0

BUI 22 14:02:46.0, 13.10S,111.30W,h10km,ms5.2/4, Ms5.5/4, Ms7.5/04

ISC 22 14:02:43.9.0.5, 13.6S,0.111.62W,0.09,h1km,n199, c111/183,mb4.8/33,MS4.3/13,Central East Pacific Rise

Main table for 22d 14h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rikitea, Puerto Ayora, SOCORRO T-PHASE, etc.

2010 DEC

Main table for 2010 DEC section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sterling City, Santo Domingo, Lometa, etc.

1194

Main table for 1194 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Macdoel, Pinedale Array, Kings Mountain, etc.

GEYT Alibeck 154.10 19 PKPbc PKPbc 14 22 42.4 -1.9
1.1nm,0.6s,baz=321,slow=3.7,SNR=2.9
GEYT 14 22 56.0 -1.7
3.4nm,0.9s,baz=252,slow=2.8,SNR=5.3

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, LPaz, MIMINI, PISAGUA, Humberstone, etc.

ISCJB 22 14:05:16.4-0.8, 15.72S:0.05:71.86W:0.08h,132km,
mb4.0/7, Error ellipse: s-maj=10.4km s-min=6.5km
az=166.8
IDC 22 14:05:18.2-3.1, 15.51S:71.71W, h141km,27km, mb3.7/6,
mb1 3.9/1.1, mb1mx3.6/38, mbtmp4.3/11, Error ellipse:
s-maj=30.9km s-min=18.1km az=108.0
GUC 22 14:05:19.0-1.7, 16.08S:71.95W, h199km,38km, ML5.1
ISC 22 14:05:16.5-0.9, 15.68S:0.07:71.92W:0.10, h132km, n23,
+196/31, mb3.8/6, Southern Peru

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, LPaz, MIMINI, PISAGUA, etc.

ISCJB 22 14:09:13.2-0.5, 27.07N:0.07:143.48E:0.05, h10km,
mb4.0/24, Error ellipse: s-maj=9.7km s-min=6.7km
az=174.8
IDC 22 14:09:13.2-0.6, 27.04N:143.49E, h0km, mb3.9/19,
mb1 4.1/22, mb1mx4.0/68, mbtmp3.9/22, ML3.1/3, Error
ellipse: s-maj=16.0km s-min=15.7km az=125.0
NEIC 22 14:09:14.9-0.3, 27.06N:143.43E, h10km, mb4.6/5, Error
ellipse: s-maj=7.9km s-min=7.3km az=66.0
ISC 22 14:09:15.0-0.7, 27.11N:0.1:143.43E:0.07, h10km, n32,
+674/34, mb4.2/24, Bonin Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chichijima, Matushiro Arr, etc.

ISCJB 22 14:09:23.9-0.6, 26.92N:0.09:143.6E:0.1, h10km,
mb4.0/15, Error ellipse: s-maj=18.4km s-min=11.6km
az=160.0
IDC 22 14:09:24.5-0.8, 26.91N:143.54E, h0km, mb3.9/13,
mb1 4.0/16, mb1mx3.9/68, mbtmp3.9/16, ML3.3/3, Error
ellipse: s-maj=24.3km s-min=17.6km az=75.0
NEIC 22 14:09:24.1-0.2, 26.93N:143.54E, h10km, mb4.8/2, Error
ellipse: s-maj=16.2km s-min=10.2km az=72.0

ISC 22 14:09:26.2-0.8, 27.0N:0.1:143.5E:0.2, h10km, n20,
+676/21, mb4.0/15, Bonin Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Matushiro Arr, Korea Arr, etc.

ISCJB 22 14:11:28.0-0.9, 27.1S:0.1:11.8W:0.2, h10km, mb4.0/5,
MS3.8/1, Error ellipse: s-maj=36.6km s-min=14.3km
IDC 22 14:11:28.9-9.3, 1.99S:12.03W, h0km, mb3.9/5, mb1 4.1/5,
mb1mx3.7/45, mbtmp4.0/5, MS3.7/1, Ms1 3.7/1,
ms1mx2.7/2, Error ellipse: s-maj=195.3km s-min=81.5km
az=179.0
NEIC 22 14:11:28.0-2.7, 2.39S:11.93W, h10km, mb4.1/1, Error
ellipse: s-maj=55.4km s-min=29.7km az=224.0
ISC 22 14:11:30.2-1.1, 2.2S:0.2:11.7W:0.3, h10km, n14, +682/7,
mb4.1/5, North of Ascension Island

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASCENSION HYDR, TORIDI AR, etc.

ISCJB 22 14:12:04.3-0.5, 26.80N:0.06:143.63E:0.08, h10km,
mb4.2/26, MS3.4/2, Error ellipse: s-maj=10.0km
s-min=8.7km az=152.9
IDC 22 14:12:04.4-0.6, 26.76N:143.60E, h0km, mb4.1/21,
mb1 4.3/24, mb1mx1.4/17, mbtmp4.1/24, ML3.4/3, MS3.4/2,
Ms1 3.4/2, ms1mx2.6/36, Error ellipse: s-maj=16.7km
s-min=13.3km az=98.0
NEIC 22 14:12:06.2-0.4, 26.80N:143.54E, h10km, mb4.7/5, Error
ellipse: s-maj=35.0km s-min=23.3km az=75.0
ISC 22 14:12:06.4-0.7, 26.88N:0.08:143.54E:0.08, h10km, n34,
+1510/36, mb4.2/26, Bonin Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chichijima, Matushiro Arr, etc.

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinedale Array, Hagfors, etc.

IDC 22 14:12:26.1-0.8, 10.04S:107.50E, h0km, mb4.0/10,
mb1 4.1/12, mb1mx3.9/62, mbtmp4.0/12, ML3.8/2, MS3.7/2,
Ms1 3.7/2, Ms1mx2.7/45, Error ellipse: s-maj=28.4km
s-min=14.7km az=63.0
ISCJB 22 14:12:28.5-0.5, 9.76S:0.06:107.88E:0.04, h22km,
mb4.0/12, MS4.4/11, Error ellipse: s-maj=9.2km
s-min=5.4km az=15.6
DJA 22 14:12:32.4-0.5, 9.56S:10.8E, h10km, M4.7/19, mb4.9/9,
1.6mS.3/8, ML4.0/19, M4.7/19
NEIC 22 14:12:33.4-1.1, 9.95S:10.70E, h50km, 10km, mb4.5/2,
Error ellipse: s-maj=12.7km s-min=8.6km az=52.0
ISC 22 14:12:29.0-0.6, 9.83S:0.06:107.80E:0.06, h22km, n43,
+128/39, mb4.0/12, South of Java

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Christmas Isla, Cibinong, etc.

MEX 22 14:13:02.8-0.8, 17.29N:100.30W, h16km, n11km, MD3.6,
Guerrero

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Caiga, Puento Sto Nin, etc.

22d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10S2 ASCENSION HYDR52.77, H10S3 ASCENSION HYDR52.78, etc.

ISCJB 22 14:19:32.0.4.0.15.98S.0.08.174.69W.0.08, h250km, mb4.1/21, Error ellipse: s-maj=14.0km s-min=6.8km az=141.4

IDC 22 14:19:32.6.1.1.16.00Sx174.70W, h236km, 11km, mb3.7/15, mb1.3/9.16, mb1mx3.7/37, mbtmp4.3/16, Error ellipse: s-maj=18.2km s-min=9.9km az=131.0

AUST 22 14:19:36.1.0.0.15.51Sx172.93W, h407km, Error ellipse: s-maj=2.2km s-min=1.5km az=250.0

ISC 22 14:19:33.9.0.5.16.0S.0.1x174.56W.0.09, h250km, n83, s=1508/88, mb4.2/21, 9C-4D, Tonga Islands

Main table of station data for the 22d 14h period, listing various stations like AFI Afiamalu, AFI Afiamalu, AFJ Afiamalu, etc.

2010 DEC

Table with columns: CLL, Time Res, h m s ISC. Includes stations like KMBO Kilima Bongo, BURAR Bucovina Arr, etc.

IDC 22 14:25:33.8.1.1.26.46N.143.03E, h0km, mb3.5/6, mb1.3/7.6, mb1mx3.4/44, mbtmp3.5/6, MS3.3/2, Ms1.3/4.2, ms1mx7.6/30, Error ellipse: s-maj=38.7km s-min=22.7km az=74.0, Bonin Islands region

ISC 22 14:25:33.8.1.1.26.46N.143.03E, h0km, mb3.5/6, mb1.3/7.6, mb1mx3.4/44, mbtmp3.5/6, MS3.3/2, Ms1.3/4.2, ms1mx7.6/30, Error ellipse: s-maj=38.7km s-min=22.7km az=74.0, Bonin Islands region

SJA 22 14:26:41.8.0.5.31.95S.0.71.17W, h5km, 4km, ML3.9, MV4.4

ISCJB 22 14:26:43.0.0.7.32.05S.0.03:71.46W.0.09, h79km, 6km, mb3.9/7, Error ellipse: s-maj=12.3km s-min=5.5km az=9.5

IDC 22 14:26:43.0.0.8.32.04S.0.71.04W, h54km, 4km, mb3.9/6, mb1.4/0.10, mb1mx3.8/22, mbtmp4.1/10, Error ellipse: s-maj=23.8km s-min=19.6km az=22.0

GUC 22 14:26:43.0.0.3.32.02S.0.71.28W, h49km, 5km, ML4.3, NEIC 22 14:26:43.0.0.7.31.93S.0.71.04W, mb3.8/1, Error ellipse: s-maj=18.0km s-min=10.3km az=84.0

NEIC Felt [II] at Zapallar and [II] at Canela, Hijueta, Illapel, Los Vilos and Salamanca.

ISC 22 14:26:43.0.0.6.32.05S.0.71.47W.0.07, h57km, 4km, n48, s=1956/60, mb4.2/21, Near coast of central Chile

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

ISCJB 22 14:29:50.5.1.3.26.67N.144.114E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.5/63, mbtmp3.5/63, ML3.4/1, MS3.7/2, Ms1.3/7.2, ms1mx2.6/39, Error ellipse: s-maj=42.0km s-min=21.1km az=65.0

ISC 22 14:29:52.4.1.2.26.7N.0.1x144.0E.0.1, h10km, n9, s=1920/9, mb3.7/5, Bonin Islands region

Main table of station data for the 22d 14h period, listing various stations like ASAL Salagasta, AAGR Agrelo, etc.

1196

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

ISCJB 22 14:27:21.6.0.8.26.7N.0.1x143.85E.0.09, h10km, mb3.6/9, MS4.0/1, Error ellipse: s-maj=15.0km s-min=10.8km az=21.3

IDC 22 14:27:21.0.1.0.26.70N.143.84E, h0km, mb3.6/9, mb1.3/9.12, mb1mx3.7/52, mbtmp3.7/12, ML3.7/3, MS3.5/2, Ms1.3/5.2, ms1mx2.6/36, Error ellipse: s-maj=25.9km s-min=17.8km az=7.7

ISC 22 14:27:21.0.1.0.26.70N.143.85E.0.1, h10km, n14, s=075/14, mb3.6/9, Bonin Islands region

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

ISCJB 22 14:29:50.5.1.3.26.67N.144.114E, h0km, mb3.7/5, MS3.7/2, Error ellipse: s-maj=20.6km s-min=12.7km

IDC 22 14:29:50.5.1.3.26.67N.144.114E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.5/63, mbtmp3.5/63, ML3.4/1, MS3.7/2, Ms1.3/7.2, ms1mx2.6/39, Error ellipse: s-maj=42.0km s-min=21.1km az=65.0

ISC 22 14:29:52.4.1.2.26.7N.0.1x144.0E.0.1, h10km, n9, s=1920/9, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

ISCJB 22 14:34:10.0.0.9.39.55N.0.03:32.82E.0.04, h5km, 6km, Error ellipse: s-maj=6.3km s-min=4.7km az=41.0

DDA 22 14:34:10.5.39.55N.32.82E, h7km, MD2.7, ISK 22 14:34:10.2.39.59N.32.85E, h3km, MD2.8, CSEM 22 14:34:10.9.0.2.39.58N.32.85E, h2km, MD2.7, Error ellipse: s-maj=3.8km s-min=3.1km az=54.0

ISC 22 14:34:11.4.0.9.39.59N.0.02:32.86E.0.03, h12km, 7km, n33, s=074/43, Turkey

Main table of station data for the 22d 14h period, listing various stations like BBAL Bala, AFRS Af ar-Bala, etc.

Table with 5 columns: GULAG, Gulverren, 1.64 139 ePN, Pn, 14 34 40.6 +0.4, 1.99 296 ePN, Pn, 14 34 45.5 +0.5, 1.99 296 ePN, Pn, 14 34 45.5 +0.5

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

JMA 22 14:36:56.4 0.3, 43.83N, 148.11E, h6km, M3.5 SKHL 22 14:36:57.0 0.9, 44.17N, 148.21E, h26km, mb3.3/3

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SHO Shikotan, KUR Kuril'sk, KUR Kuril'sk, etc.

ISCJB 22 14:36:55.3 0.7, 26.77N, 0.1, 144.08E, 0.09, h10km, m3/6.10, MS3.5/4, Error ellipse: s-maj=16.3km

IDC 22 14:36:55.7 0.8, 26.75N, 144.10E, h0km, mb3.7/10, m1 3.9/12, m1mx3.7/50, mbmp3.7/12, ML3.2/3, MS3.5/4, Ms1 3.5/4, ms1mx2.7/46, Error ellipse: s-maj=26.8km

ISC 22 14:36:56.9 0.8, 26.8N, 0.1, 144.1E, 0.1, h10km, n19, e0593/15, mb3.6/10, MS3.5/4, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, KSRS Korea Arr, etc.

ISCJB 22 14:38:19.9 1.0, 27.3N, 0.1, 143.5E, 0.1, h10km, mb3.8/5, Error ellipse: s-maj=14.8km s-min=13.9km az=140.3

IDC 22 14:38:20.1 2.8, 27.26N, 143.57E, h0km, mb3.7/5, m1 3.9/8, m1mx3.6/52, mbmp3.7/8, ML3.7/3, Error ellipse: s-maj=18.8km s-min=18.2km az=78.0

ISC 22 14:38:21.9 1.3, 27.3N, 0.1, 143.4E, 0.1, h10km, n9, e0553/9, mb4.0/5, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr

Table with 5 columns: KSRS Korea Arr, USRK USSuriysk Arr, SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, BVAR Borovoye Array, FINES FINESS Array B

ISCJB 22 14:38:39.7 1.2, 26.8N, 0.1, 143.7E, 0.1, h10km, mb3.7/5, Error ellipse: s-maj=19.4km s-min=15.0km az=19.7

IDC 22 14:38:39.5 2.5, 26.87N, 143.79E, h0km, mb3.7/5, m1 3.9/8, m1mx3.6/51, mbmp3.7/8, ML3.2/3, Error ellipse: s-maj=70.6km s-min=24.4km az=82.0

ISC 22 14:38:41.5 1.2, 28.9N, 0.1, 143.6E, 0.2, h10km, n9, e087/9, mb3.7/5, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, KSRS Korea Arr, etc.

NIED 22 14:39:00.27, 20N, 143.70E, h5km, Mw4.3 Best double couple: M3.65000, 1019 NPI, 323.00000, 817.00000, lambda=80.00000, NPF2, 133.00000, 873.00000

IDC 22 14:39:40.7 0.8, 26.92N, 143.77E, h0km, mb3.9/14, m1 4.1/17, m1mx3.9/56, mbmp3.9/17, ML3.7/2, MS3.2/3, Ms1 3.2/3, ms1mx2.6/44, Error ellipse: s-maj=21.9km s-min=18.2km az=78.0

NEIC 22 14:39:42.1 0.6, 26.95N, 143.85E, h10km, mb4.7/4, MW4.3(NIED), Error ellipse: s-maj=15.0km s-min=10.1km az=74.0

ISCJB 22 14:39:44.0 0.6, 27.07N, 0.06, 143.76E, 0.05, h33km, mb4.1/18, MS3.1/7, Error ellipse: s-maj=9.4km s-min=6.1km az=156.6

JMA 22 14:39:44.6 0.1, 27.23N, 143.68E, h39km, M4.1 ISC 22 14:39:46.3 0.7, 27.03N, 0.1, 143.69E, 0.08, h35km, n34, e119/38, mb4.0/18, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CJJ Chichi jima, CBJ Chichi jima, etc.

ISCJB 22 14:40:46.0 0.9, 27.3N, 0.1, 143.55E, 0.09, h10km, mb3.6/6, Error ellipse: s-maj=18.9km s-min=11.1km az=162.2

IDC 22 14:40:45.1 1.0, 27.23N, 143.52E, h0km, mb3.5/6, m1 3.8/7, m1mx3.4/44, mbmp3.5/7, ML3.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/42, Error ellipse: s-maj=27.7km s-min=20.3km az=110.0

ISC 22 14:40:46.7 1.1, 27.3N, 0.1, 143.4E, 0.1, h10km, n8, e094/9, mb3.6/6, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

ISCJB 22 14:56:32.0 0.9, 26.9N, 0.1, 143.79E, 0.09, h10km, mb3.7/9, Error ellipse: s-maj=17.4km s-min=11.5km az=176.6

IDC 22 14:56:32.2 1.1, 26.86N, 143.92E, h0km, mb3.7/9, m1 3.8/12, m1mx3.7/40, mbmp3.7/12, ML3.3/3, Error ellipse: s-maj=26.3km s-min=22.4km az=93.0

ISC 22 14:56:34.3 1.0, 26.9N, 0.1, 143.7E, 0.1, h10km, n13, e129/15, mb3.6/9, Bonin Islands region

ISCJB 22 14:56:32.1 1.1, 26.86N, 143.92E, h0km, mb3.7/9, m1 3.8/12, m1mx3.7/40, mbmp3.7/12, ML3.3/3, Error ellipse: s-maj=26.3km s-min=22.4km az=93.0

ISC 22 14:56:34.3 1.0, 26.9N, 0.1, 143.7E, 0.1, h10km, n13, e129/15, mb3.6/9, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

Table with 5 columns: WRA Warramunga Arr, ASAR Alice Springs, LPAZ La Paz

ISCJB 22 14:45:23.0 0.6, 27.00N, 0.08, 143.47E, 0.06, h10km, mb4.0/19, MS4.0/1, Error ellipse: s-maj=11.2km s-min=7.6km az=178.8

IDC 22 14:45:23.1 0.8, 26.95N, 143.36E, h0km, mb3.9/15, m1 3.9/11, m1mx3.4/44, mbmp3.9/18, ML3.4/3, MS3.9/1, Ms1 3.9/1, ms1mx2.6/44, Error ellipse: s-maj=18.5km s-min=17.0km az=59.0

NEIC 22 14:45:24.8 0.5, 26.99N, 143.37E, h10km, mb4.6/4, Error ellipse: s-maj=12.3km s-min=8.8km az=73.0

ISC 22 14:45:25.1 0.8, 27.00N, 0.1, 143.36E, 0.08, h10km, n29, e058/31, mb4.1/19, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBJ Chichi jima, CJJ Chichijima, etc.

ISCJB 22 14:45:23.0 0.6, 27.00N, 0.08, 143.47E, 0.06, h10km, mb4.0/19, MS4.0/1, Error ellipse: s-maj=11.2km s-min=7.6km az=178.8

IDC 22 14:45:23.1 0.8, 26.95N, 143.36E, h0km, mb3.9/15, m1 3.9/11, m1mx3.4/44, mbmp3.9/18, ML3.4/3, MS3.9/1, Ms1 3.9/1, ms1mx2.6/44, Error ellipse: s-maj=18.5km s-min=17.0km az=59.0

NEIC 22 14:45:24.8 0.5, 26.99N, 143.37E, h10km, mb4.6/4, Error ellipse: s-maj=12.3km s-min=8.8km az=73.0

ISC 22 14:45:25.1 0.8, 27.00N, 0.1, 143.36E, 0.08, h10km, n29, e058/31, mb4.1/19, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, LEM Lembang, etc.

IDC 22 14:48:31.5 2.5, 26.73N, 144.37E, h0km, mb3.5/4, m1 3.7/5, m1mx3.4/48, mbmp3.5/5, ML3.6/1, MS3.5/2, Ms1 3.5/2, ms1mx2.6/39, Error ellipse: s-maj=70.1km s-min=23.4km az=68.0, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, CJJ Chichijima, etc.

ISCJB 22 14:50:44.6 0.9, 27.3N, 0.1, 143.55E, 0.09, h10km, mb3.6/6, Error ellipse: s-maj=18.9km s-min=11.1km az=162.2

IDC 22 14:50:45.1 1.0, 27.23N, 143.52E, h0km, mb3.5/6, m1 3.8/7, m1mx3.4/44, mbmp3.5/7, ML3.6/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/42, Error ellipse: s-maj=27.7km s-min=20.3km az=110.0

ISC 22 14:50:46.7 1.1, 27.3N, 0.1, 143.4E, 0.1, h10km, n8, e094/9, mb3.6/6, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

ISCJB 22 14:56:32.0 0.9, 26.9N, 0.1, 143.79E, 0.09, h10km, mb3.7/9, Error ellipse: s-maj=17.4km s-min=11.5km az=176.6

IDC 22 14:56:32.2 1.1, 26.86N, 143.92E, h0km, mb3.7/9, m1 3.8/12, m1mx3.7/40, mbmp3.7/12, ML3.3/3, Error ellipse: s-maj=26.3km s-min=22.4km az=93.0

ISC 22 14:56:34.3 1.0, 26.9N, 0.1, 143.7E, 0.1, h10km, n13, e129/15, mb3.6/9, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsuhiro Arr, etc.

22d 15h

Table with columns: KLR, Kuf'dur, 24.12 341 P, P, 15 01 51.0 +0.9, 1.9nm, 0.5s, baz=155, slow=8.7, SNR=12

BUI 22 15:00:58.0, 26.50N; 143.51E, h5km, mb4.5/34, mbA.9/21, Ms4.5/15, Ms7.4/212, IDC 22 15:00:58.2, 0.5, 26.55N; 143.69E, h0km, mb4.2/21, mb1.4/4, 2/23, mb1mx3.4/4, mbtmp4.2/23, ML3.7/2, MS3.4/16, Ms1.3/5/16, ms1mx3.2/17, Error ellipse: s-maj=16.3km s-min=12.4km az=61.0

ISCJB 22 15:00:58.1, 0.4, 26.67N; 0.05; 143.78E; 0.05, h10km, mb4.4/36, MS3.5/12, Error ellipse: s-maj=7.0km s-min=5.9km az=16.9, NEIC 22 15:00:59.0, 0.4, 26.56N; 143.66E, h10km, mb4.8/7, MW4.4(NIED), Error ellipse: s-maj=10.5km s-min=8.3km az=78.0

JMA 22 15:01:00.3, 0.1, 27.02N; 143.81E, h12km, M4.4 NIED 22 15:01:00, 27.00N; 143.80E, h5km, Mw4.4 Best double couple: Ms5.06000; 0.015 NP1; 114.0000; 822.00000, lambda=102.00000. NP2; 313.00000, delta9.00000, lambda=83.00000

ISC 22 15:01:00.0, 0.5, 26.63N; 0.07; 143.72E; 0.05, h10km, n87, alpha14/12, mb4.3/36, MS3.5/12, 1D, Bonin Islands region

Main table for 22d 15h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

2010 DEC

Table with columns: SEY, Seymchan, 36.75 7 P P, 15 08 09.6 +2.2, 2.4nm, 0.9s, baz=215, slow=19, SNR=2.5

ISC 22 15:04:27.8, 2.1, 26.60N; 144.05E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.5/47, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=54.1km s-min=25.8km az=75.0, Bonin Islands region

NIED 22 15:09:00, 27.10N; 143.90E, h8km, Mw4.2 Best double couple: Ms2.04000; 0.1015 NP1; 114.0000; 832.00000, lambda=36.00000. NP2; 131.00000, delta72.00000, lambda=117.00000

BUI 22 15:09:06.9, 26.58N; 144.18E, h5km, mb4.5/34, mbA.9/23, Ms4.7/10, Ms7.4/3/8, ISCJB 22 15:09:10.5, 1.9, 27.01N; 0.05; 143.84E; 0.04, h2km, 11km, mb4.5/43, Error ellipse: s-maj=8.3km s-min=5.9km az=160.8

IDC 22 15:09:11.6, 0.5, 26.92N; 143.90E, h0km, mb4.3/25, mb1.4/5, 2/28, mb1mx3.4/47, mbtmp4.3/28, ML3.7/3, MS3.0/1, Ms1.3/0/1, ms1mx3.2/17, Error ellipse: s-maj=15.3km s-min=11.6km az=93.0

MOS 22 15:09:11.1, 1.0, 26.92N; 143.91E, h10km, mb4.6/27, Error ellipse: s-maj=16.0km s-min=7.0km az=116.0

ISC 22 15:09:00, 27.10N; 143.90E, h8km, Mw4.2 Best double couple: Ms2.04000; 0.1015 NP1; 114.0000; 832.00000, lambda=36.00000. NP2; 131.00000, delta72.00000, lambda=117.00000

BUI 22 15:09:06.9, 26.58N; 144.18E, h5km, mb4.5/34, mbA.9/23, Ms4.7/10, Ms7.4/3/8, ISCJB 22 15:09:10.5, 1.9, 27.01N; 0.05; 143.84E; 0.04, h2km, 11km, mb4.5/43, Error ellipse: s-maj=8.3km s-min=5.9km az=160.8

IDC 22 15:09:11.6, 0.5, 26.92N; 143.90E, h0km, mb4.3/25, mb1.4/5, 2/28, mb1mx3.4/47, mbtmp4.3/28, ML3.7/3, MS3.0/1, Ms1.3/0/1, ms1mx3.2/17, Error ellipse: s-maj=15.3km s-min=11.6km az=93.0

MOS 22 15:09:11.1, 1.0, 26.92N; 143.91E, h10km, mb4.6/27, Error ellipse: s-maj=16.0km s-min=7.0km az=116.0

Main table for 2010 DEC with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

1198

Table with columns: JMA 22 15:09:13.9, 0.1, 27.11N; 143.92E, h53km, M4.2, NEIC 22 15:09:13.3, 0.3, 26.92N; 143.84E, h10km, mb4.8/13, MW4.1(NIED), Error ellipse: s-maj=7.4km s-min=6.8km az=84.0

ISC 22 15:09:14.5, 2.1, 27.06N; 0.06; 143.78E; 0.06, h15km, 12km, n110, alpha18/27, mb4.5/43, 6C-5D, Bonin Islands region

ISC 22 15:09:00, 27.10N; 143.90E, h8km, Mw4.2 Best double couple: Ms2.04000; 0.1015 NP1; 114.0000; 832.00000, lambda=36.00000. NP2; 131.00000, delta72.00000, lambda=117.00000

BUI 22 15:09:06.9, 26.58N; 144.18E, h5km, mb4.5/34, mbA.9/23, Ms4.7/10, Ms7.4/3/8, ISCJB 22 15:09:10.5, 1.9, 27.01N; 0.05; 143.84E; 0.04, h2km, 11km, mb4.5/43, Error ellipse: s-maj=8.3km s-min=5.9km az=160.8

IDC 22 15:09:11.6, 0.5, 26.92N; 143.90E, h0km, mb4.3/25, mb1.4/5, 2/28, mb1mx3.4/47, mbtmp4.3/28, ML3.7/3, MS3.0/1, Ms1.3/0/1, ms1mx3.2/17, Error ellipse: s-maj=15.3km s-min=11.6km az=93.0

MOS 22 15:09:11.1, 1.0, 26.92N; 143.91E, h10km, mb4.6/27, Error ellipse: s-maj=16.0km s-min=7.0km az=116.0

ISC 22 15:09:00, 27.10N; 143.90E, h8km, Mw4.2 Best double couple: Ms2.04000; 0.1015 NP1; 114.0000; 832.00000, lambda=36.00000. NP2; 131.00000, delta72.00000, lambda=117.00000

BUI 22 15:09:06.9, 26.58N; 144.18E, h5km, mb4.5/34, mbA.9/23, Ms4.7/10, Ms7.4/3/8, ISCJB 22 15:09:10.5, 1.9, 27.01N; 0.05; 143.84E; 0.04, h2km, 11km, mb4.5/43, Error ellipse: s-maj=8.3km s-min=5.9km az=160.8

IDC 22 15:09:11.6, 0.5, 26.92N; 143.90E, h0km, mb4.3/25, mb1.4/5, 2/28, mb1mx3.4/47, mbtmp4.3/28, ML3.7/3, MS3.0/1, Ms1.3/0/1, ms1mx3.2/17, Error ellipse: s-maj=15.3km s-min=11.6km az=93.0

MOS 22 15:09:11.1, 1.0, 26.92N; 143.91E, h10km, mb4.6/27, Error ellipse: s-maj=16.0km s-min=7.0km az=116.0

Main table for 1198 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, PSI, ZALV, ASAR, MKAR, etc.

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, MJAR, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, INK, etc.

WEL 22 15:14:19.01, 39.3285:177.00E, h52km±1.9km, ML3.5/17, 21C-5D, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAHZ, CKHZ, etc.

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, MJAR, WRA, MKAR.

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, MJAR, KLR, etc.

NIED 22 15:00:27.00N:143.90E, h5km, Mw4.1 Best double couple: M1.64000:1015 NP1.8x151.00000, 845.00000, lambda-62.00000. NP2.8x295.00000, 852.00000, lambda-115.00000.

ISCJB 22 15:20:49.5:0.5, 26.86N:143.95E, h0km, mb4.2/26, Error ellipse: s-maj=7.7km s-min=6.0km az=166.0

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, MJAR, etc.

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, etc.

22d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR Matushiro Arr, USRK Ussuriysk Arr, KLR Kul'dur, SONM Songino Array, CMAR Chiang Mai Arr, WRA Warrunganga Arr, ZALV Zalesovo Beam, ASAR Alais Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINESS Array, LPAZ La Paz.

IDC 22 15:24:22.8.2.9.6.04S.150.36E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/4, mbtmp3.7/4, ML1.6/1, Error ellipse: s-maj=81.1km s-min=42.7km az=114.0, North Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, WRA Warrunganga Arr, ASAR Alais Springs, STKA Stephens Creek, TORD Torode Arr.

ISCJB 22 15:25:20.2.0.8.26.59N.0.10.143.8E.0.1, h10km, mb3.7/8, MS4.0/1, Error ellipse: s-maj=16.4km s-min=10.5km az=40.8

IDC 22 15:25:20.1.0.9.26.73N.143.77E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.7/45, mbtmp3.7/9, ML4.0/1, MS4.0/1, MS1.4/0.1, ms1mx2.4/7, Error ellipse: s-maj=26.1km s-min=17.7km az=72.0

ISC 22 15:25:21.7.0.9.26.73N.0.1.143.71E.0.09, h10km, n14, a146/14, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matushiro Arr, KSRK Korea Arr, USRK Ussuriysk Arr, SONM Songino Array, WRA Warrunganga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alais Springs, MKAR Makanchi Array, BVAR Borovoye Array, NVAR Mina Array Be, LPAZ La Paz.

IDC 22 15:30:14.6.0.6.27.17N.143.47E, h0km, mb4.1/17, mb1 4.2/20, mb1mx4.2/45, mbtmp4.1/20, ML3.6/3, Error ellipse: s-maj=17.1km s-min=14.4km az=88.0

NEIC 22 15:30:16.2.0.3.27.16N.143.46E, h10km, mb4.6/6, Error ellipse: s-maj=7.5km s-min=6.7km az=66.0

JMA 22 15:30:18.0.0.2.27.14N.143.42E, h5km, M4.4 Error ellipse: s-maj=1.1km s-min=0.9km az=62.0

ISC 22 15:30:20.3.0.2.27.33N.0.06.143.37E.0.07, h35km, n40, a130/52, mb4.2/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, JHU Haha-jima-NKT, JODJ Odawara 2, JHY Hanno, JRY Ryogang san, JRO Hitachi, JHO Ashikaga, JAG, MJAR Matushiro Arr, MAJO Matushiro, MAT Matushiro, KSRK Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, KLR Kul'dur, ULN Ulanbatar, SONM Songino Array, CMAR Chiang Mai Arr, WRA Warrunganga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alais Springs, ASAR, COLD Coldfoot, ILAR Eielson Array, STKA Stephens Creek, MKAR Makanchi Array, KKAR Karatay Array.

ISCJB 22 15:36:47.9.0.5.27.01N.0.07.143.55E.0.08, h10km, mb4.0/20, MS3.7/2, Error ellipse: s-maj=10.9km s-min=9.8km az=146.9

IDC 22 15:36:48.0.6.2.27.01N.143.54E, h0km, mb4.0/18, mb1 4.2/21, mb1mx4.1/41, mbtmp4.0/21, ML3.5/3, MS3.3/5, Ms1 3.4/5, ms1mx2.8/45, Error ellipse: s-maj=16.6km s-min=14.9km az=87.0

NEIC 22 15:36:49.6.0.4.27.03N.143.50E, h10km, mb4.7/2, Error ellipse: s-maj=9.3km s-min=7.8km az=69.0

ISC 22 15:36:49.6.0.7.27.03N.0.10.143.48E.0.09, h10km, n33, a97/30, mb4.0/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, JCJ Chichijima, MJAR Matushiro Arr, MAJO Matushiro, GUMO Guam, JOW Kumigami, KSAR Korea Arr, KSRK Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, TATO Taipei, KLR Kul'dur, ULN Ulanbatar, SONM Songino Array, CMAR Chiang Mai Arr.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include INK Inuvik, YKA Yellowknife Arr, FINES FINESS Array, KBZ Khabaz, LRM Linkin Ridge, AKASG Malin Array Be, NOA NORSTAR Array B, RAYN Ar Rayn, BRTR Keskin Array B, Lajitas Array, LPAZ La Paz, PLCA Paso Flores.

ISCJB 22 15:32:01.5.0.9.27.0N.0.1.143.86E.0.09, h10km, mb3.6/6, Error ellipse: s-maj=16.4km s-min=11.9km az=178.2

IDC 22 15:32:02.0.1.0.26.97N.143.89E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/45, mbtmp3.6/7, ML4.1/1, Error ellipse: s-maj=27.0km s-min=20.8km az=93.0

ISC 22 15:32:03.6.1.1.27.0N.0.1.143.8E.0.1, h10km, n8, a073/9, mb3.7/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matushiro Arr, WRA Warrunganga Arr, ZALV Zalesovo Beam, ASAR Alais Springs, MKAR Makanchi Array, INK Inuvik, YKA Yellowknife Arr.

IDC 22 15:36:37.2.0.6.26.90N.143.50E, h0km, mb3.7/17, mb1 3.9/20, mb1mx3.9/41, mbtmp3.7/20, ML2.3/3, Error ellipse: s-maj=17.4km s-min=15.5km az=84.0

JMA 22 15:36:40.1.0.2.27.10N.143.58E, h28km, M3.6 Error ellipse: s-maj=1.1km s-min=0.9km az=62.0

ISCJB 22 15:36:41.1.0.6.27.08N.0.07.143.54E.0.06, h33km, mb3.9/17, Error ellipse: s-maj=10.8km s-min=6.3km az=155.7

ISC 22 15:36:42.8.0.7.27.08N.0.07.143.46E.0.08, h35km, n28, a145/32, mb3.8/17, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, CBJ Chichi jima, JHU Haha-jima-NKT, BSO Boso 1, JODJ Odawara 2, JHY Hanno, JRY Ryogang san, MJAR Matushiro Arr, KSRK Korea Arr, USRK Ussuriysk Arr, KLR Kul'dur, SONM Songino Array, CMAR Chiang Mai Arr, WRA Warrunganga Arr, ZALV Zalesovo Beam, ASAR Alais Springs, MKAR Makanchi Array, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, YKA Yellowknife Arr, FINES FINESS Array, KBZ Khabaz, NVAR Mina Array Be, AKASG Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, LPAZ La Paz.

ISCJB 22 15:36:47.9.0.5.27.01N.0.07.143.55E.0.08, h10km, mb4.0/20, MS3.7/2, Error ellipse: s-maj=10.9km s-min=9.8km az=146.9

IDC 22 15:36:48.0.6.2.27.01N.143.54E, h0km, mb4.0/18, mb1 4.2/21, mb1mx4.1/41, mbtmp4.0/21, ML3.5/3, MS3.3/5, Ms1 3.4/5, ms1mx2.8/45, Error ellipse: s-maj=16.6km s-min=14.9km az=87.0

NEIC 22 15:36:49.6.0.4.27.03N.143.50E, h10km, mb4.7/2, Error ellipse: s-maj=9.3km s-min=7.8km az=69.0

ISC 22 15:36:49.6.0.7.27.03N.0.10.143.48E.0.09, h10km, n33, a97/30, mb4.0/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, JCJ Chichijima, MJAR Matushiro Arr, MAJO Matushiro, GUMO Guam, JOW Kumigami, KSAR Korea Arr, KSRK Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, TATO Taipei, KLR Kul'dur, ULN Ulanbatar, SONM Songino Array, CMAR Chiang Mai Arr.

1200

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR comp=2.31nm,20.7s, baz=38, slow=35, WRAB Tennant Creek, WRA Warrunganga Arr, ZALV Zalesovo Beam, ASAR Alais Springs, MKAR Makanchi Array, ILAR Eielson Array, STKA Stephens Creek, KKAR Karatay Array, INK Inuvik, YKA Yellowknife Arr, RPZ Rata Paks, KBZ Khabaz, NVAR Mina Array Be, AKASG Malin Array Be, PDAR Pinedale Array, NOA NORSTAR Array B, BRTR Keskin Array B, TXAR Lajitas Array, LPAZ La Paz.

NIED 22 15:48:00.27.10N.143.60E, h5km, Mw3.8 Best double comp=5.1, M5.700000, 1014 NP1=166.00000, 843.00000, lambda=62.00000, NP2=310.00000, 853.00000, lambda=113.00000

IDC 22 15:48:11.9.0.7.26.99N.143.53E, h0km, mb3.8/15, mb1 3.9/17, mb1mx3.8/54, mbtmp3.8/17, ML3.1/2, Error ellipse: s-maj=18.7km s-min=16.9km az=74.0

NEIC 22 15:48:13.5.0.5.26.99N.143.55E, h10km, mb4.4/4, Error ellipse: s-maj=1.1km s-min=0.9km az=62.0

ISCJB 22 15:48:14.9.0.6.27.02N.0.07.143.61E.0.05, h33km, mb3.9/20, Error ellipse: s-maj=9.6km s-min=6.1km az=164.9

JMA 22 15:48:14.3.0.1.27.11N.143.59E, h25km, M3.5 Error ellipse: s-maj=1.1km s-min=0.9km az=62.0

ISC 22 15:48:17.3.0.8.27.04N.0.10.143.51E.0.08, h35km, n33, a083/36, mb3.9/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, JHU Haha-jima-NKT, JRY Ryogang san, MJAR Matushiro Arr, MAJO Matushiro, MAT Matushiro, KSRK Korea Arr, KSAR Wonju Arr, USRK Ussuriysk Arr, KLR Kul'dur, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warrunganga Arr, LEM Lembang, ZALV Zalesovo Beam, ASAR Alais Springs, SONM Songino Array, MKAR Makanchi Array, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, YKA Yellowknife Arr, FINES FINESS Array, KBZ Khabaz, NVAR Mina Array Be, AKASG Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, KKAR Karatay Array, ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Arr, FINES FINESS Array, YKA Yellowknife Arr, NVAR Mina Array Be, AKASG Malin Array Be, RAYN Ar Rayn, LPAZ La Paz, Sumatera, SNSI Sinabang, Aceh, TPTI, MSLI Meulaboh, Aceh, GSI Gunungsitoli, KOSI Kotacane, Aceh, LHMI Lhok Sumawe, LHMI Lhok Sumawe, TSI Tontungan, PSI Prapat, MNSI Mandailing Nat, SISI Siding, PPI Padang Panjang, KULM Kulim, IPM Ipo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPSI Pulau Pagai, MASI Maura Aman, KSI Kapahiang, etc.

ICD 22 16:00:48.7.2.1, 27.10N, 143.22E, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.3/37, mbtmp3.6/3, ML3.3/2, Error ellipse: s-maj=31.1km s-min=26.2km az=42.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, USRK Ussuriysk Arr, etc.

DDA 22 16:02:03.1.41.38N, 32.70E, h7km, Md2.6 ICD 22 16:02:03.3.3.1, 41.41N, 0.1, 32.70E, 0.07, h3km, 20km, n4, 0.0647, Turkey

NIED 22 16:02:00.27.20N, 143.50E, h5km, Mw3.7 Best double couple: M1=3.60000, 1014 NP1=209.00000, 873.00000, 1.3.00000, NP2=0, 118.00000, 867.00000, 1.63.00000, ICD 22 16:02:05.1.0.9, 27.03N, 143.42E, h0km, mb3.9/11, mb1 4.1/4, mb1mx3.9/38, mbtmp3.9/14, ML3.5/3, Error ellipse: s-maj=23.1km s-min=17.6km az=78.0 NEIC 22 16:02:06.8.0.5, 27.05N, 143.42E, h10km, mb4.7/3, Error ellipse: s-maj=10.4km s-min=7.7km az=71.0 JMA 22 16:02:07.9.0.1, 27.29N, 143.46E, h32km, M4.3 ISCJB 22 16:02:08.3.0.6, 27.19N, 0.06, 143.49E, 0.06, h33km, mb4.0/14, Error ellipse: s-maj=9.4km s-min=6.0km

ICD 22 16:02:10.9.0.8, 27.22N, 0.08, 143.35E, 0.09, h35km, n28, 0.1520/34, mb4.0/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MAJO Matushiro, KSRK Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, YKA Yellowknife Arr, FINES FINESSE Array B, etc.

ICD 22 16:07:27.5.2.4, 26.47N, 143.94E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/30, mbtmp3.5/3, Error ellipse: s-maj=61.7km s-min=27.0km az=53.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, SONM Songoing Array, etc.

ICD 22 16:13:25.6.7.2, 26.85N, 143.74E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/37, mbtmp3.5/4, ML3.5/1, Error ellipse: s-maj=265.8km s-min=29.0km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, SONM Songoing Array, etc.

ICD 22 16:19:58.4.0.7, 26.91N, 143.47E, h0km, mb3.8/11, mb1 3.9/14, mb1mx3.8/45, mbtmp3.8/14, ML3.3/3, Error ellipse: s-maj=20.2km s-min=16.4km az=71.0 NEIC 22 16:19:59.8.0.5, 26.96N, 143.48E, h10km, mb4.4/2, Error ellipse: s-maj=13.5km s-min=8.9km az=71.0 NIED 22 16:20:00.27.20N, 143.50E, h11km, Mw3.9 Best double couple: M1=3.60000, 1014 NP1=209.00000, 873.00000, 1.3.00000, NP2=0, 292.00000, 868.00000, 1.151.00000, ISCJB 22 16:20:01.4.0.6, 26.99N, 0.07, 143.56E, 0.05, h33km, mb6.8/13, Error ellipse: s-maj=10.2km s-min=6.5km az=169.5 JMA 22 16:20:01.0.0.2, 27.17N, 143.54E, h64km, M3.8 ICD 22 16:20:03.4.0.8, 27.03N, 0.09, 143.48E, 0.08, h35km, n30, 0.1911/33, mb3.8/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, USRK Ussuriysk Arr, etc.

ICD 22 16:26:44.0.0.7, 27.00N, 143.44E, h0km, mb4.4/4, Error ellipse: s-maj=10.6km s-min=9.3km az=60.0 ICD 22 16:26:44.0.0.7, 27.00N, 143.44E, h0km, mb4.4/4, Error ellipse: s-maj=10.6km s-min=9.3km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MJAR Matushiro Arr, KSRK Korea Array, etc.

ICD 22 16:24:54.8.2.0, 51.20N, 175.98W, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.6/54, mbtmp3.9/8, ML3.5/1, Error ellipse: s-maj=70.7km s-min=19.5km az=171.0 NEIC 22 16:24:59.3.1.07N, 176.16W, h28km, ML3.4(AEIC), After AEIC ICD 22 16:24:56.5.3.3, 51.01N, 108.176W, h15W, 0.04, h12km, 20km, n33, 0.123/23, mb3.8/7, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagadag, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAX, PETK Petropavlovsk, ILAR Borovoye Array, etc.

ICD 22 16:25:50.5.2.6, 26.91N, 143.54E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.2/39, mbtmp3.3/3, ML3.4/1, Error ellipse: s-maj=50.2km s-min=22.9km az=42.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, WRA Warrungarra Arr, etc.

ISCJB 22 16:26:41.8.0.5, 26.88N, 0.08, 143.54E, 0.06, h10km, mb3.9/19, MS3.4/3, Error ellipse: s-maj=11.8km s-min=7.1km az=6.8 ICD 22 16:26:42.4.0.7, 26.93N, 143.46E, h0km, mb3.8/15, mb1 4.0/18, mb1mx3.9/41, mbtmp3.8/18, ML3.2/3, MS3.3/3, Ms1 3.4/3, ms1mx2.7/42, Error ellipse: s-maj=17.9km s-min=17.5km az=20.0 NEIC 22 16:26:42.4.0.7, 26.94N, 143.44E, h10km, mb4.4/4, Error ellipse: s-maj=10.6km s-min=9.3km az=60.0 ICD 22 16:26:44.0.0.7, 27.00N, 143.44E, h0km, mb4.4/4, Error ellipse: s-maj=10.6km s-min=9.3km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MJAR Matushiro Arr, KSRK Korea Array, etc.

ICD 22 16:26:44.0.0.7, 27.00N, 143.44E, h0km, mb4.4/4, Error ellipse: s-maj=10.6km s-min=9.3km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MJAR Matushiro Arr, KSRK Korea Array, etc.

BUI 22 16:28:42.6.26, 73N, 143.93E, h5km, mb4.6/38, mb4.8/23, Ms4.5/16, Ms7.4/1.7 MOS 22 16:28:47.6.1.1, 27.12N, 143.61E, h10km, mb4.9/36, Error ellipse: s-maj=12.5km s-min=5.9km az=112.7 ICD 22 16:28:48.0.0.5, 27.11N, 143.60E, h0km, mb4.4/26, mb1 4.6/29, mb1mx4.5/41, mbtmp4.4/29, ML4.1/3, MS3.3/16, Ms1 3.3/16, ms1mx3.1/41, Error ellipse: s-maj=14.1km s-min=12.3km az=104.0 ISCJB 22 16:28:49.0.0.3, 27.31N, 0.04, 143.50E, 0.04, h10km, mb4.6/73, MS3.4/14, Error ellipse: s-maj=6.5km s-min=3.6km az=148.4 NEIC 22 16:28:49.5.3.4, 27.10N, 143.55E, h8km, 20km, mb4.7/22, Error ellipse: s-maj=8.6km s-min=6.0km az=127.0 JMA 22 16:28:51.8.0.2, 27.22N, 143.41E, h81km, M4.7 ICD 22 16:28:49.5.1.7, 27.22N, 0.06, 143.54E, 0.05, h8km, 9km, n178, 0.1519/190, mb4.6/73, MS3.4/14, 2C-3D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MJAR Matushiro Arr, KSRK Korea Array, etc.

2216h

Table with columns for station ID, name, coordinates, and status. Includes stations like JHU, JYT, JRY, etc.

2010 DEC

Table with columns for station ID, name, coordinates, and status. Includes stations like KMI, BOD, GDA, etc.

1202

Table with columns for station ID, name, coordinates, and status. Includes stations like INK, SVE, ARU, etc.

Table with columns: SAML, CPUP, Station Name, Time, Res, etc. Includes entries for Samuel, Villa Florida, and CPUP.

ISCJB 22 16:36:32.8:0.8, 27.18N:0.08:143.58E:0.07, h10km, mb4.0/8, Error ellipse: s-maj=11.4km s-min=9.3km az=171.6

IDC 22 16:36:32.9:1.5, 27.14N:143.59E, h0km, mb3.8/6, mb1 3.8/9, mb1mx3.6/45, mbtmp3.7/8, ML3.0/2, Error ellipse: s-maj=37.0km s-min=20.4km az=92.0

NEIC 22 16:36:34.0:0.7, 27.16N:143.54E, h10km, mb4.7/2, Error ellipse: s-maj=13.9km s-min=8.9km az=76.0

ISC 22 16:36:34.9:1.1, 27.22N:0.1:143.5E:0.1, h10km, n15, c057/17, mb4.0/8, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, Matushiro Arr, MAJO, KSRs, WRA, etc.

IDC 22 16:39:06.5:3.0, 26.97N:143.99E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.2/45, mbtmp3.3/3, ML3.6/1, Error ellipse: s-maj=64.2km s-min=28.9km az=55.0, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, MAJO, WRA, ASAR, etc.

ISCJB 22 16:42:35.2:1.0, 26.65N:0.1:143.5E:0.1, h10km, mb3.5/6, Error ellipse: s-maj=21.3km s-min=12.2km az=40.8

IDC 22 16:42:35.7:1.5, 26.65N:143.44E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/43, mbtmp3.6/7, ML3.0/1, MS3.6/1, Ms1 3.6/1, ms1mx2.5/37, Error ellipse: s-maj=40.0, 1km s-min=21.0km az=74.0

ISC 22 16:42:37.1:1.1, 26.77N:0.1:143.4E:0.1, h10km, n9, c105/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, HJH, MAJO, KLR, etc.

IDC 22 16:43:45.3:1.9, 26.61N:143.65E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/42, mbtmp3.3/4, Error ellipse: s-maj=53.7km s-min=22.2km az=69.0, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, KLR, WRA, ASAR, etc.

ISCJB 22 16:44:36.3:1.2, 27.0N:0.1:143.6E:0.1, h10km, mb3.7/5, Error ellipse: s-maj=18.1km s-min=13.5km az=163.6

IDC 22 16:44:36.6:1.7, 26.99N:143.53E, h0km, mb3.7/5, mb1 3.8/7, mb1mx3.5/42, mbtmp3.7/7, ML3.1/2, Error ellipse: s-maj=39.1km s-min=24.6km az=83.0

ISC 22 16:44:38.2:1.4, 27.0N:0.1:143.5E:0.1, h10km, n8, c051/9, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, MAJO, KLR, WRA, etc.

IDC 22 16:46:06.0:2.5, 26.95N:143.92E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.3/41, mbtmp3.6/3, ML3.9/1, Error ellipse: s-maj=57.1km s-min=29.1km az=65.0, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, MAJO, KLR, etc.

Table with columns: CJJ, MJAR, WRA, MKAR, Station Name, Time, Res, etc. Includes entries for Chichijima, Matushiro Arr, Warrungarra Arr, Makanchi Array.

ISCJB 22 16:47:34.5:0.8, 26.68N:0.1:143.69E:0.09, h10km, mb3.6/9, Error ellipse: s-maj=17.1km s-min=11.2km az=11.0

IDC 22 16:47:34.5:0.9, 26.88N:143.73E, h0km, mb3.6/9, mb1 3.8/10, mb1mx3.6/41, mbtmp3.6/10, ML3.6/1, Error ellipse: s-maj=24.5km s-min=19.4km az=79.0

ISC 22 16:47:36.2:1.0, 26.9N:0.1:143.63E:0.09, h10km, n11, c103/12, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, MJAR, KLR, SONM, WRA, etc.

ISCJB 22 16:48:50.0:0.6, 50.16N:0.04:19.03E:0.03, h0km, Error ellipse: s-maj=6.5km s-min=2.8km az=8.9

CSEM 22 16:48:50.7:0.4, 50.17N:19.06E, h2km, ML2.7/4, Error ellipse: s-maj=10.6km s-min=4.2km az=5.0

PRU 22 16:48:51.8:50.14N:19.05E, h0km

ISC 22 16:48:50.5:0.8, 50.12N:0.04:19.05E:0.02, h0km, n24, c054/40, Poland

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Ojcow, Ostrava-Krasne, etc.

ISCJB 22 16:48:50.0:0.6, 50.16N:0.04:19.03E:0.03, h0km, Error ellipse: s-maj=6.5km s-min=2.8km az=8.9

CSEM 22 16:48:50.7:0.4, 50.17N:19.06E, h2km, ML2.7/4, Error ellipse: s-maj=10.6km s-min=4.2km az=5.0

PRU 22 16:48:51.8:50.14N:19.05E, h0km

ISC 22 16:48:50.5:0.8, 50.12N:0.04:19.05E:0.02, h0km, n24, c054/40, Poland

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Ojcow, Ostrava-Krasne, etc.

IDC 22 16:50:07.1:0.7, 27.26N:143.48E, h0km, mb3.8/13, mb1 4.0/15, mb1mx3.9/43, mbtmp3.7/15, ML3.7/2, MS2.9/2, Error ellipse: s-maj=17.2km s-min=8.5, Error ellipse: s-maj=21.3km s-min=12.2km az=85.0

NEIC 22 16:50:08.6:0.4, 27.26N:143.44E, h10km, mb4.5/3, Error ellipse: s-maj=9.0km s-min=8.4km az=69.0

JMA 22 16:50:09.6:27.43N:143.43E, h39km, M3.4

ISCJB 22 16:50:10.1:0.6, 27.36N:0.06:143.46E:0.07, h33km, mb3.9/16, Error ellipse: s-maj=9.9km s-min=6.5km az=42.0

ISC 22 16:50:12.6:0.7, 27.41N:0.07:143.33E:0.08, h35km, n30, c1927/31, mb3.9/16, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Chichijima, HJH, JDD, etc.

Table with columns: ILAR, INK, YKA, FINES, NVAR, RAYN, TXAR, LPAZ, PLCA, Station Name, Time, Res, etc. Includes entries for Eielson Array, Inuvik, Yellowknife Arr, etc.

IDC 22 16:55:06.0:1.9, 0.52S:133.96E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.3/38, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=38.7km s-min=26.6km az=61.0, Irian Jaya region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for SIJI, WRA, ASAR, MKAR, etc.

SKHL 22 16:58:44.7:0.6, 54.55N:135.05E, h10km, mb3.7/3, Southeastern Siberia

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for Ekimchan, EkMR, etc.

IDC 22 17:00:02.4:5.4, 21.93S:179.27W, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.5/32, mbtmp3.5/3, Error ellipse: s-maj=171.3km s-min=86.7km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for STKA, ASAR, WRA, AKASG, etc.

ISCJB 22 17:23:20.9:0.5, 27.22N:0.03:34.87E:0.05, h10km, mb3.7/4, MS3.0/4, Error ellipse: s-maj=7.1km s-min=4.1km az=158.3

SGS 22 17:23:21.8:27.13N:34.59E, h23km

CSEM 22 17:23:22.3:0.4, 27.18N:34.81E, h20km, ML3.8, Error ellipse: s-maj=14.4km s-min=4.3km az=64.0

GII 22 17:23:23.5:0.3, 27.30N:34.91E, h10km, mb4.1/4, MD3.8/7

IDC 22 17:23:27.4:3.5, 27.81N:34.35E, h0km, mb3.7/3, mb1 3.8/8, mb1mx3.5/61, mbtmp3.7/8, ML3.2/5, MS3.0/7, Ms1 3.0/7, ms1mx2.7/53, Error ellipse: s-maj=47.7km s-min=30.0km az=178.0

ISC 22 17:23:28.6:1.2, 27.25N:0.05:34.90E:0.07, h10km, n86, c1517/88, mb3.9/4, MS2.9/4, 6C, Red Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for RSHS, BDAS, etc.

1205

Table with columns: LBL, Lubilhac, 3.22 50 Pn Pn, 17 25 34.2 +0.7, etc. Includes stations like Saint Martin d, Petit Puy Mans, Toulx Ste Croi, Guadarrama, etc.

2010 DEC

Table with columns: ORIF, Oris-en-Rattie, 4.73 67 ePn Pn, 17 25 55.2 +1.0, etc. Includes stations like Calabar, Lormes, Braganca, etc.

22d 17h

Table with columns: PGAV, Gavieira, 6.06 261 eSn A, 17 27 23.2 +1.3, etc. Includes stations like MTE, SFTF, PVIS, PCBR, MEZF, PMRV, HAU, PAGF, EBAD, HINF, PGF, PESTR, PMTG, EMIN, CDF, BAIF, EVO, ESPR, GIVF, EGRO, etc.

22d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, LPAZ La Paz.

IDC 22 17:33:42.9.0.6, 27.11N:143.44E, h0km, mb3.8/17, mb1.4/19, mb1mx4.0/37, mbtmp3.8/19, ML3.3/2, MS2.4/1, Ms1.2/4.1, ms1mx2.1/44, Error ellipse: s-maj=17.7km s-min=14.3km az=106.0

NEIC 22 17:33:44.4.0.3, 27.08N:143.46E, h10km, mb4.1/1, Error ellipse: s-maj=8.6km s-min=7.3km az=70.0

ISCJB 22 17:33:46.1.0.5, 27.20N:143.46E, h0.05, h3km, mb3.8/18, Error ellipse: s-maj=8.6km s-min=5.5km az=154.1

JMA 22 17:33:46.0.0.1, 27.32N:143.40E, h68km, M3.5, ISC 17:33:48.6.0.2, 27.26N:143.34E, h0.07, h35km, n35, s=127/40, mb3.9/18, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CJJ Chichijima, CBJ Chichi jima, JHH Haha-jima-NKT, JODJ Odawara 2, JHU Hanno, JHT Yasato, JRY Ryogami san, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like JOW Kuniigami, KSR Korea Array, KSAR Wonju Array Be, INCN Incheon, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, KURK Kurchatov, ILAR Eielson Array, STKA Stephens Creek, INK Inuvik, ABKAR Abkukul array, YKA Yellowknife Arr, FINES FINES Array B, NVAR Mima Array Bea, AKASG Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, TXAR Lajitas Array.

IDC 22 17:33:52.2.1.9, 7.79S:158.25E, h0km, mb3.5/3, mb1.3/7.5, mb1mx3.3/36, mbtmp3.6/4, ML4.5/1, Error ellipse: s-maj=43.0km s-min=31.7km az=30.0, Bougainville-Solomon Islands region

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

IDC 22 17:35:41.4.10.0, 26.86N:142.84E, h0km, mb3.5/3, mb1.3/7.5, mb1mx3.3/36, mbtmp3.5/3, Error ellipse: s-maj=39.3km s-min=31.0km az=70.0, Bonin Islands region

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

IDC 22 17:37:33.8.3.2, 26.71N:144.12E, h0km, mb3.6/4, mb1.3/7.5, mb1mx3.4/37, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=68.6km s-min=31.4km az=174.0

ISC 22 17:37:35.8.2.7, 26.8N:143.04E, h0.01, h10km, n6, s=053/7, mb3.6/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CJJ Chichijima, MJAR Matsushiro Arr, KLR Kul'dur, SONM Sogingo Array, MKAR Makanchi Array, YKA Yellowknife Arr.

IDC 22 17:42:50.6.2.1, 27.04N:143.03E, h0km, mb3.5/3, mb1.3/7.5, mb1mx3.3/36, mbtmp3.5/3, Error ellipse: s-maj=44.0km s-min=30.0km az=34.0, Bonin Islands region

2010 DEC

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

PGC 22 17:46:43.5.3.0, 50.64N:130.34W, h10km, ML3.0/7, h3.0/7, 206km west of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like PNC Port Hardy, PHC Port Hardy, BBB Bella Bella, BNB Bona Inlet, TLBC Telegraph Cove, WOB Woss, MCRB Moresby Island, NOBC Newcastle Ridg, CBB Campbell River.

IDC 22 17:47:54.3.0.6, 27.13N:143.57E, h0km, mb3.9/17, mb1.4/20, mb1mx4.1/41, mbtmp4.0/20, ML3.5/3, MS3.0/1, Ms1.3/0.1, ms1mx2.3/42, Error ellipse: s-maj=16.2km s-min=15.0km az=99.0

NEIC 22 17:47:55.8.0.3, 27.13N:143.56E, h10km, mb4.5/4, Error ellipse: s-maj=7.8km s-min=6.4km az=65.0

JMA 22 17:47:55.2.0.1, 27.30N:143.70E, h44km, M3.8, ISCJB 22 17:47:59.0.6.2, 27.45N:143.44E, h0.05, h3km, mb4.0/21, MS3.0/1, Error ellipse: s-maj=8.5km s-min=4.9km az=43.6

ISC 22 17:47:59.8.0.6, 27.29N:143.47E, h0.07, h35km, n37, s=127/43, mb4.0/21, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CBJ Chichi jima, CBJ Chichi jima, CJJ Chichijima, JHH Haha-jima-NKT, JODJ Odawara 2, JHU Hanno, JRY Ryogami san, JHO Hitachi, JJO Jho, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like KSR Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Array, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, KURK Kurchatov, ILAR Eielson Array, BRVK Borovoye, STKA Stephens Creek, KKAR Karatay Array, INK Inuvik, ABKAR Abkukul array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like YKA Yellowknife Arr, FINES FINES Array B, NVAR Mima Array Bea, AKASG Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, TXAR Lajitas Array, LPAZ La Paz, PLCA Paso Flores.

ISCJB 22 17:48:57.9.0.9, 27.12N:143.67E, h0.08, h10km, mb4.0/6, Error ellipse: s-maj=13.5km s-min=9.7km az=21.7

IDC 22 17:48:59.2.1.6, 27.08N:143.52E, h0km, mb3.9/5, mb1.4/0.7, mb1mx3.7/42, mbtmp3.9/7, ML3.6/2, Error ellipse: s-maj=33.2km s-min=19.2km az=60.0

NEIC 22 17:48:59.2.1.2, 27.20N:143.71E, h10km, mb4.5/1, Error ellipse: s-maj=28.9km s-min=17.0km az=75.7

ISC 22 17:48:59.1.2, 27.2N:143.6E, h0.01, h10km, n12, s=1508/14, mb4.1/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CBJ Chichi jima, CBJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, KSR Korea Array, SONM Sogingo Array, KSR Korea Array, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, MKAR Makanchi Array, ASAR Alice Springs.

1206

ISCJB 22 17:50:08.6.0.6, 26.67N:143.83E, h0.07, h10km, mb3.9/12, Error ellipse: s-maj=12.6km s-min=8.3km az=29.8

IDC 22 17:50:08.8.0.8, 26.74N:143.84E, h0km, mb3.8/9, mb1.4/0.1, mb1mx3.8/46, mbtmp3.8/11, ML3.6/2, Error ellipse: s-maj=29.8km s-min=17.1km az=88.0

NEIC 22 17:50:10.2.0.5, 26.75N:143.83E, h10km, mb4.6/2, Error ellipse: s-maj=14.5km s-min=9.1km az=74.0

ISC 22 17:50:10.4.0.9, 26.83N:143.77E, h0.10, h10km, n19, s=075/19, mb3.9/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CBJ Chichi jima, MJAR Matsushiro Arr, KSR Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Array, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, KURK Kurchatov, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINES Array B, AKASG Malin Array Be, LPAZ La Paz.

ISCJB 22 17:52:15.3.0.7, 26.7N:143.85E, h0.09, h10km, mb3.7/10, Error ellipse: s-maj=15.8km s-min=10.7km az=24.7

IDC 22 17:52:15.6.0.8, 26.78N:143.85E, h0km, mb3.7/10, mb1.3/9.12, mb1mx3.7/55, mbtmp3.7/12, ML3.4/2, Error ellipse: s-maj=22.4km s-min=16.0km az=83.0

ISC 22 17:52:17.2.0.9, 26.9N:143.77E, h0.09, h10km, n13, s=088/14, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CJJ Chichijima, MJAR Matsushiro Arr, KSR Korea Array, SONM Sogingo Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, INK Inuvik, NVAR Mima Array Bea, FINES FINES Array B.

ISCJB 22 17:53:52.8.0.8, 26.88N:144.00E, h0.10, h10km, mb3.7/10, Error ellipse: s-maj=14.0km s-min=11.5km az=135.8

IDC 22 17:53:53.2.1.2, 26.86N:144.01E, h0km, mb3.7/10, mb1.3/9.13, mb1mx3.7/61, mbtmp3.7/13, ML3.0/3, Error ellipse: s-maj=38.3km s-min=17.2km az=81.0

ISC 22 17:53:54.9.1.0, 26.9N:143.9E, h0.10, h10km, n14, s=074/14, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CJJ Chichijima, MJAR Matsushiro Arr, KSR Korea Array, USRK Ussuriysk Arr, SONM Sogingo Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, INK Inuvik, KBZ Khabaz, BRTR Keskin Array B.

ISCJB 22 17:54:01.6.0.5, 26.83N:143.93E, h0.10, h10km, mb4.2/23, Error ellipse: s-maj=13.0km s-min=8.3km az=163.4

IDC 22 17:54:01.9.0.6, 26.83N:143.96E, h0km, mb4.0/17, mb1.4/2.0, mb1mx4.0/60, mbtmp4.0/20, ML3.3/3, Error ellipse: s-maj=19.6km s-min=13.6km az=87.0

NEIC 22 17:54:03.3.0.3, 26.82N:143.91E, h10km, mb4.8/5, Error ellipse: s-maj=10.2km s-min=7.1km az=73.0

ISC 22 17:54:03.6.0.6, 26.83N:143.9E, h0.10, h10km, n33, s=065/33, mb4.2/23, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res. Includes stations like CBJ Chichi jima, MJAR Matsushiro Arr, KSR Korea Array, MAT Matsushiro, KSR Korea Array, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Array, YKA Yakutsk, CMAR Chiang Mai Arr.

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

ISCJB 22 18:06:45.2±0.9, 26.8N; 0.1±1.43; 56E; 0.09, h10km, mb3.8/6, Error ellipse: s-maj=16.3km s-min=10.3km

IDC 22 18:06:45.2±3.2, 26.83N; 143.66E, h0km, mb3.8/5, mb1.3/9.8, mb1mx3.6/46, mbmtpp3.8/8, ML3.3/1, Error ellipse: s-maj=86.9km s-min=24.9km az=78.0

NEIC 22 18:06:47.1±0.9, 26.84N; 143.50E, h10km, mb4.2/1, Error ellipse: s-maj=16.7km s-min=12.2km az=225.0

ISC 22 18:06:47.2±1.3, 26.9N; 0.1±1.43; 56E; 0.1, h10km, n12, ±f02/12, mb3.9/6, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichijima, MJAR, etc.

IDC 22 18:10:10.6±2.4, 27.09N; 143.43E, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.3/40, mbmtpp3.5/3, ML3.3/1, Error ellipse: s-maj=44.2km s-min=23.7km az=35.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichijima, MJAR, etc.

IDC 22 18:11:46.3±0.6, 26.98N; 143.49E, h0km, mb4.0/19, mb1.4/2.22, mb1mx4.2/42, mbmtpp4.0/22, ML3.4/3, MS2.9/3, Ms1.2/9.3, ms1mx2.5/40, Error ellipse: s-maj=16.1km s-min=14.4km az=85.0

JMA 22 18:11:47.1±0.2, 27.32N; 143.50E, h0km, M4.9, NEIC 22 18:11:47.6±3.1, 26.96N; 143.48E, h9km, 18km, mb4.6/7, Error ellipse: s-maj=10.1km s-min=7.1km az=94.0

ISC 22 18:11:47.9±0.6, 27.06N; 0.09±0.143; 56E; 0.05, h10km, n47, ±f093/51, mb4.1/26, Bonin Islands region

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

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

NNC 22 18:11:48.2±2.3, 26.45N; 70.41E, h104km, 69km, mb3.0, mpv3.5, 4C-2D, Error ellipse: s-maj=25.0km s-min=17.3km az=94.0, Hindu Kush region

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

SKO 22 18:13:25.2±4.2; 22.22N; 21.52E, h15km, GEO 22 18:13:25.9±1.2, 22.26N; 21.39E, h0km, ML1.6/4, CSEM 22 18:13:24.6±0.3, 42.26N; 21.29E, h9km, ML1.6, Error ellipse: s-maj=8.5km s-min=5.1km az=66.0, Northwestern Balkan Peninsula

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

ISCJB 22 18:15:40.7±1.0, 27.02N; 0.10±1.43; 74E; 0.07, h10km, mb3.6/4, Error ellipse: s-maj=14.4km s-min=9.0km az=172.1

IDC 22 18:15:42.8±1.2, 26.84N; 143.41E, h0km, mb3.5/4, mb1.3/7.5, mb1mx3.5/44, mbmtpp3.5/5, ML3.6/1, Error ellipse: s-maj=30.2km s-min=19.0km az=51.0

JMA 22 18:15:43.1±0.5, 27.21N; 143.54E, h0km, M4.0, ISC 22 18:15:42.9±1.2, 27.00N; 0.1±1.43; 60E; 0.07, h10km, n10,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichi jima, etc.

ISCJB 22 18:22:25.7±0.9, 13.5N; 0.1±92.8E; 0.1, h29km, mb3.6/6, MS2.8/1, Error ellipse: s-maj=17.9km s-min=11.6km az=143.2

IDC 22 18:22:26.9±1.0, 13.49N; 92.72E, h24km, 6km, mb3.5/6, mb1.3/6.7, mb1mx3.4/43, mbmtpp3.5/7, ML3.4/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/39, Error ellipse: s-maj=31.3km s-min=17.2km az=57.0

ISC 22 18:22:27.2±0.9, 13.5N; 0.1±92.8E; 0.1, h29km, n11, ±f078/11, mb3.6/6, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CMAR, Chiang Mai Arr, etc.

IDC 22 18:28:45.7±2.9, 18.40S; 173.18W, h0km, mb4.0/4, mb1.4/3.4, mb1mx3.7/49, mbmtpp4.0/4, Error ellipse: s-maj=195.2km s-min=29.8km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like STKA, Stephens Creek, etc.

IDC 22 18:33:05.8±4.3, 27.20N; 142.14E, h0km, mb3.3/3, mb1.3/6.4, mb1mx3.3/46, mbmtpp3.4/4, ML3.4/1, Error ellipse: s-maj=173.0km s-min=25.7km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MJAR, Matushiro Arr, etc.

ISCJB 22 18:35:11.3±0.8, 26.81N; 0.09±1.43; 70E; 0.08, h10km, mb3.9/8, MS4.1/2, Error ellipse: s-maj=13.7km s-min=6.9km az=23.4

IDC 22 18:35:11.4±1.4, 26.89N; 143.67E, h0km, mb3.8/7, mb1.4/0.9, mb1mx3.7/47, mbmtpp3.8/8, ML3.6/2, MS4.1/2, Ms1.4/0.2, ms1mx2.5/45, Error ellipse: s-maj=26.8km s-min=19.3km az=65.0

NEIC 22 18:35:12.7±0.7, 26.91N; 143.72E, h10km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=10.6km az=72.0

ISC 22 18:35:12.9±1.0, 26.9N; 0.1±1.43; 67E; 0.09, h10km, n17, ±f088/18, mb4.0/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichi jima, etc.

IDC 22 18:35:44.8±2.4, 4.50N; 127.92E, h177km, 25km, mb3.1/2, mb1.3/6.3, mb1mx3.3/47, mbmtpp3.9/13, Error ellipse: s-maj=25.4km s-min=10.4km az=81.0, Talaud Islands

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

22d 18h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SUJI, FITZ, WRA, ASAR, etc.

IDC 22 18:39:35.8, 0.26, 89N, 143.42E, h0km, mb3.7/11, mb1 3.9/14, mb1mx3.8/45, mbtmp3.7/14, ML3.1/3, Error ellipse: s-maj=21.9km s-min=16.9km az=3.6

JMA 22 18:39:39.0, 27.44N, 143.37E, h22km, M3.6, ISCBJ 22 18:39:41.0, 1.0, 27.30N, 143.39E, h33km, mb3.7/11, Error ellipse: s-maj=16.8km s-min=6.5km

ISC 22 18:39:42.9, 1.0, 27.31N, 143.31E, 0.09, h35km, n20, c1948/122, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBIJ, JCHJ, JCY, JJJH, etc.

IDC 22 18:42:05.6, 7.9, 4.51S, 153.45E, h126km, 58km, mb3.5/4, mb1 3.7/5, mb1mx3.3/37, mbtmp4.0/5, MS2.7/2, Ms1 2.7/2, ms1mx2.4/22, Error ellipse: s-maj=73.0km s-min=26.9km az=93.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PMG, HNR, WRA, ASAR, etc.

IDC 22 18:42:48.3, 0.6, 26.97N, 143.84E, h0km, mb4.1/19, mb1 4.3/22, mb1mx4.2/40, mbtmp4.1/22, ML3.4/3, MS3.0/3, Ms1 3.0/3, ms1mx2.4/47, Error ellipse: s-maj=17.3km s-min=12.4km az=62.0

MOS 22 18:42:48.3, 0.6, 26.97N, 143.85E, h10km, mb4.5/23, Error ellipse: s-maj=18.3km s-min=7.6km az=116.6

NEIC 22 18:42:50.1, 0.4, 27.27N, 143.79E, h29km, M4.3, JMA 22 18:42:51.4, 0.1, 27.27N, 143.79E, h35km, n78, c1949/84, mb4.2/30, 1C-1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CBIJ, JCHJ, JJJH, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PETK, HIA, ULN, etc.

IDC 22 18:43:18.5, 1.3, 30.86S, 71.29W, h0km, mb3.9/4, mb1 3.8/8, mb1mx3.8/22, mbtmp3.7/8, ML3.4/3, Error ellipse: s-maj=32.3km s-min=29.6km az=75.0

SJA 22 18:43:22.5, 0.7, 30.76S, 71.67W, h33km, ML4.1, NEIC 22 18:43:23.8, 1.2, 30.91S, 71.18W, h37km, 11km, Error ellipse: s-maj=20.6km s-min=10.0km az=85.0

NEIC 22 18:43:23.8, 1.2, 30.91S, 71.18W, h37km, 11km, Error ellipse: s-maj=20.6km s-min=10.0km az=85.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ZALV, WRA, WRA, etc.

IDC 22 18:43:48.1, 1.5, 26.95N, 143.80E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/38, mbtmp3.9/4, ML4.0/1, Error ellipse: s-maj=53.3km s-min=28.5km az=88.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ARU, YKA, YKA, etc.

ISC 22 18:44:42.4, 0.7, 24.03N, 122.36E, 0.02, h9km, 4km, Error ellipse: s-maj=2.8km s-min=2.1km az=160.3

TAP 22 18:44:43.1, 24.03N, 122.36E, h8km, 1km, ML3.5, D JMA 22 18:44:43.1, 24.02N, 122.33E, h22km, 3km, M3.3

ISC 22 18:44:42.2, 1.1, 24.01N, 122.32E, 0.02, h9km, 9km, n63, c0584/123, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HWA, TWD, ENA, etc.

1210

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include LSCH, TLL, LCO, etc.

IDC 22 18:43:48.1, 1.5, 26.95N, 143.80E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/38, mbtmp3.9/4, ML4.0/1, Error ellipse: s-maj=53.3km s-min=28.5km az=88.0, Bonin Islands region

ISC 22 18:44:42.4, 0.7, 24.03N, 122.36E, 0.02, h9km, 4km, Error ellipse: s-maj=2.8km s-min=2.1km az=160.3

TAP 22 18:44:43.1, 24.03N, 122.36E, h8km, 1km, ML3.5, D JMA 22 18:44:43.1, 24.02N, 122.33E, h22km, 3km, M3.3

ISC 22 18:44:42.2, 1.1, 24.01N, 122.32E, 0.02, h9km, 9km, n63, c0584/123, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HWA, TWD, ENA, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WU-fen Shan, Taipei, Chengkung, Hatsumura jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MJAR Matushiro Arr, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSRS Korea Army, KSAR Ujung Bay, USRK Ussuriysk Arr, etc.

22d 19h

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

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like TKM2, KOLN, AKTO, etc.

1212

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

IDC 22 19:06:46.1, 3.6, 26, 47N x 143.07E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/5.4, mbtmp3.5/4, Error ellipse: s-min=122.3km s-min=20.9km az=65.0, Bonin Islands region

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

IDC 22 19:08:29.8, 3.7, 26, 79N x 143.94E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.4/4.9, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=168.3km s-min=22.2km az=80.0, Bonin Islands region

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

ISCJB 22 19:10:54.2, 0.7, 26, 66N, 0.10, 143, 83E, 0.09, h0km, mb3.6/12, Error ellipse: s-maj=14.7km s-min=11.1km az=22.5

IDC 22 19:10:54.9, 0.9, 26, 63N x 143.75E, h0km, mb3.7/12, mb1 3.8/1.4, mb1mx3.7/4.6, mbtmp3.7/4.1, ML3.1/2, Error ellipse: s-maj=21.6km s-min=17.7km az=60.0

ISC 22 19:10:56.3, 0.9, 26, 77N, 0.10, 143, 69E, 0.09, h0km, n16, 0.080/17, mb3.7/12, Bonin Islands region

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

22d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VRH, IZEF, IRAM, etc.

2010 DEC

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

1214

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MJAR, KLR, WRA, etc.

22d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VOSK, Vostochayna, BVAR, Borovoye Array, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like EYMN, N38A, W38A, X38A, etc.

1218

Table with columns for station name, frequency, power, and other technical details. Includes stations like INK, W34A, ULM, B33A, etc.

ISCJB 22:20:56.23.9.0.3, 76:87N:0:003:18:2E:0:2, h10km, mb3.6/9, Error ellipse: s-maj=5.6km s-min=3.5km az=147.0 CSEM 22:20:56.24.1.0.3, 76:85N:18:47E, h2km, ML3.9, Error ellipse: s-maj=9.5km s-min=5.5km az=60.0 NAO 22:20:56.25.1.1.2, 76:89N:18:10E, h8km, 9km, ML3.9

IDC 22 20:56:25.0.4.0.6.76:98N-18:26E, h0km, mb3.7/9, mbl 3.9/13, mb1mx3.7/53, Error ellipse: s-maj=2.0.6km, s-min=7.3km, az=74.0

BER 22 20:56:27.5.3.4.76:96N-18:84E, h15km, MD2.7, ML3.4, ML3.9(NAO)

ISC 22 20:56:25.0.5.76:90N:0.03:18:30E:0.04, h10km, n65, o157/75, mb3.6/9, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Hornsund, Spitsbergen Ar, Kingsbay, etc.

TORD Torodi Arr. Bea 64.34 198 P P 21 07 01.4 +1.0 comp=2.1,4nm,1.0s,baz=359,slow=7.0,SNR=7.2

TXAR Lajitas Array 68.34 307 P P 21 07 26.5 +0.4 comp=2.0,9nm,1.1s,baz=83,slow=3.9,SNR=5.3

IDC 22 20:57:43.5.1.7.26:99N:143:37E, h0km, mb3.4/4, mbl 3.6/4, mb1mx3.3/38, mbtmp3.4/4, MS3.9/2, Ms1 3.9/2, ms1mx2.8/29, Error ellipse: s-maj=37.5km, s-min=21.7km, az=47.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Songoing Array, Charters Tower, etc.

GUC 22 21:05:10.0.3.0.30:11S:71:34W, h73km, 2km, ML3.4 SJA 22 21:05:10.1.0.8.30:49S:70:75W, h246km, 21km, ML2.9, MW3.4

ISC 22 21:05:10.0.2.7.30:17S:00:07:71:7W:0.2, h43km, n11, o155/15, ID, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like La Serena, Tololo Astrono, Vallenar, etc.

IDC 22 21:07:14.6.1.3.26:49N:141:62E, h0km, mb3.6/3, mbl 3.8/3, mb1mx3.3/39, mbtmp3.6/3, Error ellipse: s-maj=37.5km, s-min=17.4km, az=128.0, Bonin Islands region

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

MAN 22 21:08:07.10:00N:126:26E, h6km, mb4.7, ML3.6, MS3.5, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SCPH Surigao, BUTP Butuan, MSLP Maasin, etc.

IDC 22 21:08:36.3.2.4.26:72N:142:62E, h0km, mb3.3/4, mbl 3.5/4, mb1mx3.2/46, mbtmp3.3/4, MS2.9/1, Ms1 2.9/1, ms1mx2.4/26, Error ellipse: s-maj=89.2km, s-min=18.2km, az=60.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, NUKATSUSE, Songoing Array, etc.

IDC 22 21:09:33.6.2.4.26:45N:143:98E, h0km, mb3.4/3, mbl 3.6/3, mb1mx3.2/52, mbtmp3.4/3, Error ellipse: s-maj=62.1km, s-min=26.9km, az=53.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Songoing Array, WARRAMUNGA ARR, etc.

ISCJB 22 21:12:56.8.0.8.26:60N:141:41E:0.1, h10km, mb3.8/7, Error ellipse: s-maj=17.9km, s-min=10.0km, az=149.1

IDC 22 21:12:56.8.0.9.26:66N:141:56E, h0km, mb3.7/7, mbl 3.8/8, mb1mx3.5/60, mbtmp3.7/8, ML3.7/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/52, Error ellipse: s-maj=20.3km, s-min=15.4km, az=136.0

ISC 22 21:12:59.3.1.1.26:70N:141:5E:0.1, h10km, n10, o155/10, mb3.7/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matushiro Arr, ASAJ Ashikawa, etc.

ASAR Alice Springs 50.62 189 P P 21 21 57.0 -0.6 1.0nm,0.5s,baz=15,slow=15,SNR=4.0

KURBB Kurchatov Arra 52.86 315 P P 21 22 14.7 +0.5 2.2nm,0.2s,baz=92,slow=4.5,SNR=1.2

BVAR Borovoye Array 57.90 318 P P 21 22 50.5 0.0 1.0nm,0.5s,baz=90,slow=8.5,SNR=7.7

ISCJB 22 21:16:46.1.1.0.26:8N:0:1:143:9E:0.1, h10km, mb3.5/6, Error ellipse: s-maj=20.7km, s-min=13.2km, az=18.5

IDC 22 21:16:46.4.1.2.26:86N:143:97E, h0km, mb3.5/6, mbl 3.8/7, mb1mx3.5/58, mbtmp3.6/7, ML3.9/1, Error ellipse: s-maj=41.9km, s-min=22.0km, az=60.0

ISC 22 21:16:48.1.1.2.26:39N:141:44E:0.1, h10km, n8, o158/8, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matushiro Arr, MJAR Songoing Array, etc.

MAN 22 21:17:59.16:94N:120:25E, h28km, mb4.6, ML3.4, MS3.3, 2D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BCPH Baguio City Da, BOLP Bolinao, ABRA Dolores, etc.

CSEM 22 21:25:37.7.36:91N:24:06W, h5km, ML3.1, After PDA PDA 22 21:25:37.2.0.6.36:91N:24:06W, h5km, MD3.6, ML3.1, Error ellipse: s-maj=4.7km, s-min=3.5km, az=76.0, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PSMN Pico do Norte, PSMN Pico do Norte, PSMMA Santa Maria, etc.

ISCJB 22 21:27:28.0.7.26:76N:0:09:143:98E:0.07, h10km, mb3.9/12, Error ellipse: s-maj=13.4km, s-min=8.3km, az=10.8

IDC 22 21:27:24.5.0.8.26:75N:143:83E, h0km, mb3.9/10, mbl 4.0/11, mb1mx3.8/47, mbtmp3.8/11, ML3.5/1, Error ellipse: s-maj=20.3km, s-min=18.5km, az=70.0

NEIC 22 21:27:26.1.0.5.26:76N:143:78E, h10km, mb4.3/2, Error ellipse: s-maj=13.5km, s-min=9.9km, az=78.0

ISC 22 21:27:25.9.0.9.26:8N:0:1:143:82E:0.08, h10km, n16, o083/18, mb3.9/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CBUJ Chichi jima, CJJ Chichijima, SONGING ARR, etc.

CSEM 22 21:30:41.7.37:70N:23:29E, h18km, MD2.6, After ATH ATH 22 21:30:41.7.37:70N:23:29E, h18km, 2km, MD2.6/10, ML1.4, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NAIG Nisos Agina, NAIG Nisos Agina, KRND KRANDI, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KRND, VLY, ATH, etc.

MEX 22 21:32:37.6-0.6, 14:30N-91:86W, h13km, 999km, MD3.5, Guatemala

ISCJB 22 21:34:28.0-0.9, 26:8N:0.1x144:07E:0.09, h10km, mb3.5/6, Error ellipse: s-maj=20.8km s-min=11.5km

IDC 22 21:34:28.6-1.0, 26:86N:144:03E, h0km, mb3.6/6, mb1.3/9.7, mb1mx3.5/40, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=23.1km s-min=21.5km az=40.0

ISC 22 21:34:30.1-1.0, 26:9N:0.1x143:96E:0.09, h10km, n8, s1503/9, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like JCJ, MJAR, WRA, ASAR, MKAR, etc.

CSEM 22 21:36:11.7-0.3, 38:09N:36:43E, h5km, MD2.7, Error ellipse: s-maj=10.7km s-min=4.2km az=106.0

ISK 22 21:36:13.3, 37:51N:37:52E, h6km, MD2.6, DDA 22 21:36:13.3, 37:59N:36:55E, h7km, MD2.7

ISC 22 21:36:17.1-1.4, 37:97N:0.05:36:49E:0.05, h7km, n12km, n12, c052/22, Turkey

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like ANDN, SARI, AYKD, HCB, KOZT, etc.

NIED 22 21:49:00, 26:90N:143:70E, h23km, Mw6.2 Best double couple: M2:0.90000x10^18 N1:0.2510000x10^18, s86.00000x10^18, t171.00000x10^18

IDC 22 21:49:37.1-0.2, 26:79N:143:37E, h0km, mb5.7/10km, mb1.5/8.45, mb1mx8.8/47, mbtmp5.7/45, MLS: 7/5, MS6: 1/60, Ms1.6/160, ms1mx8.0/66, Error ellipse: s-maj=10.1km s-min=7.5km az=78.0

MOS 22 21:49:37.4-0.9, 26:73N:143:61E, h13km, mb.63/128, MS6.2/136, Error ellipse: s-maj=5.9km s-min=3.3km az=111.4

BUI 22 21:49:38.7, 26:90N:143:27E, h5km, mb.0/85, mb.6/64, MS6.3/96, MS7.6/87

GCMT 22 21:49:38.8-0.1, 26:79N:143:69E, h31km, MW6.4/142, Moment Tensor Solution, s137.c312; s142.c552; Duration: 38s Moment tensor: Scale: 10^18Nm; Mm-0.86; Mw-0.96; Ms-0.10; M0-2.40; Mw-1.10; Mw-2.06; Best double couple: Ms:2.0000x10^18 N1:0.90000x10^18 N2:0.85000x10^18 P:1.15000x10^18

NEIC 22 21:49:57.0-0.0, 27:68N:143:65E, h15km, Moment Tensor Solution, s41 Moment tensor: Scale: 10^18Nm; Mm-0.86; Mw-0.96; Ms-0.10; M0-2.40; Mw-1.10; Mw-2.06; Best double couple: Ms:2.0000x10^18 N1:0.90000x10^18 N2:0.85000x10^18 P:1.15000x10^18

NEIC 22 21:49:40.0-1.0, 26:81N:143:60E, h18km, mb6.2/293, ME6.6, MS6.3/299, MW6.3, MW6.4, MW6.2, MW6.1(NIED) Error ellipse: s-maj=3.1km s-min=2.6km az=135.0

Moment Tensor Solution, s93 Moment tensor: Scale: 10^18Nm; Mm-0.36; Mw-0.93; Ms-0.57; Mw-0.09; Mw-2.07; Mw-0.86; Best double couple: Ms:2.0000x10^18 N1:0.90000x10^18 N2:0.85000x10^18 P:1.15000x10^18

NEIC Recorded [3 JMA] in the Chichijima-retto and Hahajima-retto. Also recorded [1 JMA] in Kanagawa and Miyagi, Honshu.

ISCJB 22 21:49:41.0-0.3, 26:74N:0.01:143:62E:0.01, h38km, 2km,

mb6.1/448, MS6.3/481 Error ellipse: s-maj=2.3km s-min=1.8km az=167.2 JMA 22 21:49:42.9-0.1, 26:94N:143:69E, h59km, MG.6 JMA Felt III J1. BGR 22 21:49:44.8, 26:78N:143:66E, h33km, MB6.5, mb5.7, MS6.1 NEIC 22 21:49:57.0-0.0, 27:00N:143:77E, h10km, Moment Tensor Solution, s41 Moment tensor: Scale: 10^18Nm; Mm-0.48; Mw-0.81; Ms-0.33; Mw-0.03; Mw-3.06; Mw-0.71; Best double couple: Ms:2.0000x10^18 N1:0.1740000x10^18, s86.00000x10^18, t171.00000x10^18

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like Code, Station Name, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like JHCJ, JHUH, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like JMY, JMY, BSO1, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like MJAR, MJAR, MJAR, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like MJAR, MAJO, MAJO, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like GUMO, GUMO, GUMO, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like GUMO, GUMO, GUMO, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like JOW, JOW, JOW, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KUR, KUR, KUR, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KSJIN, KSEUS, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KSJIN, KSEUS, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KSJIN, KSEUS, etc.

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Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res), and other parameters. Includes stations like KSJIN, KSEUS, etc.

KSBAR	Backryungdo	19.44 310	P	Pn	21 54 06.8	-0.4
USRK	Ussuriysk Ar.	19.76 335	P	P	21 54 09.2	0.0
USRK	comp=Z,7.2nm,0.3s,baz=147,slo=8.6,SNR=221				21 57 39.8	-1.0
USRK	baz=161,slo=19,SNR=2.0				22 00 39.4	
TATO	Taipei	19.98 270	P	Pn	21 54 14.0	+0.2
TATO	SNR=11				21 54 13.2	-0.5
NACB	Ninganchiao	20.04 267	eP	P	21 54 12.2	-0.3
NACB	comp=Z,7.98nm,0.9s				21 58 00.1	+1.1
SSE	Sheshan	20.08 288	P	Pn	21 54 12.3	-0.6
SSE	comp=Z,2.7nm,1.2s				21 54 15.3	+0.5
SSE	comp=Z,1.0um,9.4s				21 57 54.5	-2.4
SSE	comp=Z,1.0um,9.4s				21 57 59.9	0.0
SSE	comp=Z,2.4um,15.1s					
SSE	comp=Z,1.7um,15.0s					
YHNB	Yeheng	20.14 269	eP	P	21 54 14.4	+0.8
YHNB	comp=Z,6.02nm,0.7s					
YSS	Yuzh-Sakhalins	20.15 358	iP	Pn	21 54 15.0	-0.5
YSS	comp=Z,4.4um,1.9s				21 57 52.0	-6.0
YSS	comp=N,1.2um,8.0s					
YSS	comp=Z,1.2um,8.0s					
YSS	comp=N,2.1um,8.0s					
YSS	comp=E,9.4um,10.0s					
YSS	comp=Z,6.1um,17.0s					
YSS	comp=N,7.2um,16.0s					
YSS	Yuzh-Sakhalins	20.15 358	eP	Pn	21 54 15.2	-0.3
YSS	comp=N,1.1um,1.0s					
YULB	Yu-li	20.48 265	eP	P	21 54 17.2	-0.1
YULB	comp=Z,3.0um,19.0s					
YULB	comp=Z,3.3um,1.4s					
SSLB	Suanguang	20.70 267	eP	Pn	21 54 21.2	-0.9
SSLB	comp=Z,1.1um,0.9s					
BBP	Basco	20.80 257	eP	P	21 54 21.9	+1.2
BBP	Pinian	20.83 264	eP	P	21 54 17.1	-3.9
BBP	comp=Z,3.0um,0.6s					
MDJ	Mudanjiang	21.08 331	P	P	21 54 25.4	+1.9
MDJ	comp=Z,1.73um,20.0s				21 54 28.8	-3.3
MDJ	comp=Z,1.1um,0.9s				21 54 29.8	-6.3
MDJ	comp=Z,8.90nm,2.5s				21 58 20.3	-3.4
MDJ	comp=Z,3.5um,5.6s					
MDJ	comp=Z,5.4um,23.5s					
MDJ	comp=Z,7.6um,23.0s					
MDJ	comp=Z,4.2um,17.0s					
MDJ	comp=Z,3.9um,1.5s					
TPUB	Ta-pu	21.10 266	eP	P	21 54 25.2	+1.2
TPUB	comp=Z,3.6um,18.0s					
TPUB	comp=Z,2.2um,1.2s					
SGCP	Mt. Cagua	21.63 251	eP	P	21 54 32.0	+2.3
DL2	Dalian	22.01 309	eP	PMZ	21 54 31.8	-1.9
DL2	comp=Z,6.90nm,1.2s					
DL2	comp=Z,6.6um,9.4s					
DL2	comp=Z,4.1um,15.7s					
CVP	Callao Caves	22.07 250	eP	P	21 54 35.7	+1.3
NJ2	Nanjing	22.18 290	eP	P	21 54 34.6	-0.9
NJ2	comp=Z,2.7um,18.8s				21 54 37.4	-1.1
NJ2	comp=Z,5.40nm,1.2s				21 58 35.9	-2.1
NJ2	comp=Z,1.3um,9.2s					
NJ2	comp=Z,4.1um,15.8s					
NJ2	comp=Z,2.6um,22.3s					
NJ2	comp=Z,2.6um,15.8s					
SNY	Shenyang	22.27 318	iP	P	21 54 35.6	-0.7
SNY	comp=Z,8.20nm,1.1s				21 58 42.8	+3.4
SNY	comp=Z,4.1um,15.6s					
SNY	comp=Z,1.8um,20.4s					
SNY	comp=Z,2.1um,15.0s					
WAKE	Wake Island	22.46 105	eP	P	21 54 40.0	+1.4
WAKE	comp=Z,3.35um,16.2s					
WAKE	comp=Z,2.2um,1.4s					
CN2	Changchun	22.46 324	eP	P	21 54 37.8	-0.7
CN2	comp=Z,6.2um,17.0s				21 58 40.3	-2.8
CN2	comp=Z,6.0um,17.0s					
CN2	comp=Z,3.5um,19.0s					
APYV	Conner	22.48 251	eP	P	21 54 39.2	+0.4
H11N2	WAKE ISLAND Hy	22.50 103	eP	P	21 54 40.5	+1.8
H11N2	baz=270,slo=12,SNR=48					
H11N1	WAKE ISLAND Hy	22.50 103	eP	P	21 54 40.5	+1.7
H11N1	baz=270,slo=12,SNR=61					
H11N1	SNR=15				21 56 41.0	
H11N3	WAKE ISLAND Hy	22.51 103	eP	P	21 54 40.4	+1.4
H11N3	baz=270,slo=12,SNR=48					
H11N3	baz=294,slo=74,SNR=18				22 17 29.3	
OZH	Quanzhou	22.58 271	iP	P	21 54 39.5	-0.3
OZH	comp=Z,1.1um,0.7s				21 58 41.3	-4.1
OZH	comp=Z,2.8um,9.1s					
OZH	comp=Z,8.9um,13.3s					
OZH	comp=Z,9.9um,12.3s					
PIP	Pasuquin	22.81 253	iP	P	21 54 40.3	-2.0
H11S3	WAKE ISLAND Hy	22.81 106	eP	P	21 54 43.5	+1.3
H11S3	baz=294,slo=75,SNR=11				22 17 43.2	
H11S1	WAKE ISLAND Hy	22.82 106	eP	P	21 54 43.5	+1.3
H11S1	baz=294,slo=75,SNR=9.9				22 17 48.6	

H11S2	WAKE ISLAND Hy	22.83 106	P	P	21 54 43.6	+1.3
H11S2	baz=294,slo=75,SNR=12				22 17 42.7	
ABRA	Brgy, Tapao	23.03 251	eP	P	21 54 44.6	0.0
SIPP	Dolor	23.12 252	iP	P	21 54 46.9	+1.4
BALP	Baler	23.24 246	eP	P	21 54 56.6	+2.4
SZP	Santa	23.29 252	eP	P	21 54 47.4	+0.2
SZP	comp=Z,3um,1.1s					
GOP	Guinayangan	23.57 241	iP	P	21 54 51.0	+1.1
AUOP	San Andres	23.74 240	eP	P	21 54 54.2	+2.6
BCPH	Baguio City Da	23.74 249	eP	P	21 54 50.4	-1.4
OCLP	Ormoc	23.77 232	eP	P	21 54 54.2	+2.4
SCPH	Surigao	24.06 229	eP	P	21 54 55.3	+0.7
TYV	Tymovskoe	24.07 359	eP	P	21 54 57.0	+2.7
TYV	comp=Z,9.2nm,1.0s				21 59 13.0	+3.5
TYV	comp=Z,1.0um,4.0s					
TYV	comp=Z,2.7um,6.0s					
LQP	Lukban	24.16 243	iP	P	21 54 59.8	+4.0
KLR	Kul'dur	24.23 341	eP	P	21 54 56.8	+1.0
KLR	comp=Z,3.34nm,0.8s,baz=148,slo=8.6,SNR=327					
KLR	comp=E,29nm,0.9s,baz=350,slo=7.4,SNR=2.3				21 59 14.2	+2.0
KLR	comp=E,26um,21.1s,baz=148,slo=38				22 04 49.1	
KLR	Kul'dur	24.23 341	eP	P	21 54 56.8	+1.0
KLR	comp=Z,3.35nm,0.8s				21 59 14.2	+2.0
KLR	comp=N,2.9nm,0.9s					
KLR	comp=Z,2.6um,21.1s					
KLR	Kul'dur	24.23 341	eP	P	21 54 56.8	+1.0
KLR	MSLP	24.24 230	eP	P	21 59 14.2	+2.0
BOAC	Boac	24.30 241	eP	P	21 54 57.6	+1.4
TIA	Tai'an	24.40 299	iP	P	21 54 56.8	-0.8
TIA	comp=Z,8.60nm,2.0s				21 55 08.8	-1.9
TIA	comp=Z,2.5um,3.4s				21 59 13.1	-2.2
TIA	comp=Z,4.7um,14.3s					
TIA	comp=Z,3.7um,15.5s					
TGY	Tagaytay City	24.65 244	eP	P	21 55 04.0	+4.0
LUBP	Lubang	25.41 244	eP	P	21 55 09.8	+3.0
CGP	Cabayon de Oro	25.56 228	eP	P	21 55 09.2	+1.0
SKR	Severo-Kuril's	25.72 19	eP	P	21 55 06.0	-3.3
SKR	comp=N,6um,10.0s				21 55 54.0	
SKR	comp=E,6um,10.0s				21 59 30.0	-5.9
SKR	comp=Z,6um,10.0s				22 00 55.0	+2.3
SKR	comp=E,220nm,1.0s					
SKR	comp=Z,250nm,1.0s					
SKR	comp=N,60nm,0.5s					
SKR	comp=N,1.4um,14.0s					
SKR	comp=E,36um,14.0s					
SKR	comp=Z,2.2um,14.0s					
WHN	Wuhan	25.91 285	iP	P	21 55 11.3	0.0
WHN	comp=Z,2um,0.8s				21 59 38.0	-1.5
WHN	comp=Z,3.9um,13.1s					
WHN	comp=Z,4.3um,13.2s					
DAV	Davao City (W)	26.04 224	P	P	21 55 13.7	+1.2
DAV	comp=Z,2.74nm,0.3s,baz=74,slo=5.0,SNR=7.4					
DAV	comp=Z,7.8nm,0.4s,baz=85,slo=12,SNR=1.3				21 59 42.2	+0.5
DAV	comp=Z,8.2um,20.4s				22 03 50.5	
DAV	Davao City (W)	26.04 224	P	P	21 55 13.7	+1.2
DAV	SNR=11					
DAV	Davao City (W)	26.04 224	P	P	21 55 13.7	+1.2
DAV	comp=Z,2.2um,1.2s				21 59 42.2	+0.5
BJT	Bajijatuau	26.32 307	eP	P	21 55 13.3	-1.6
BJT	comp=Z,8.12nm,1.4s					
BJT	comp=Z,4.5um,20.0s					
BJT	comp=Z,8.12nm,1.4s					
BJT	comp=Z,4.5um,20.0s					
BJI	Beijing	26.33 307	P	P	21 55 13.6	-1.4
BJI	comp=Z,2.80nm,2.3s				21 59 41.4	-4.4
BJI	comp=Z,1.6um,5.0s					
BJI	comp=Z,1.8um,14.8s					
BJI	comp=Z,4.1um,17.2s					
DCPH	Dipolog City	26.38 230	eP	P	21 55 16.3	+0.7
NKL	Nikolayevsk	26.44 356	iP	P	21 55 17.0	+1.2
NKL	comp=N,2um,5.0s				21 59 50.0	+2.8
NKL	comp=Z,4um,5.0s					
NKL	comp=N,12um,11.0s					
NKL	comp=E,15um,16.0s					
NKL	comp=Z,4.9um,16.0s					
NKL	comp=N,2.2um,17.0s					
CTHB	Cotabato-PC H	26.77 227	iP	P	21 55 20.5	+1.3
HKC	Hong Kong Obse	27.11 267	iP	P	21 55 24.0	+1.8
GZH	Guangzhou	27.66 269	P	P	21 55 24.5	-2.6
GZH	comp=N,12um,6.6s				22 00 11.8	+4.7
PEAO	Petrovavlovsk-	28.33 18	eP	P	21 55 32.7	-0.1
PETK	Petrovavlovsk-	28.33 18	eP	P	21 55 33.0	+0.2
PETK	comp=N,69nm,1.1s,baz=187,slo=4.6,SNR=19					
PETK	Petrovavlovsk-	28.33 18	P	P	21 55 33.0	+0.2
PETK	comp=Z,69nm,1.1s					
PETK	Petrovavlovsk-	28.33 18	P	P	21 55 33.0	+0.2
TIY	Taiyuan	28.41 300	eP	P	21 55 33.8	0.0
TIY	comp=Z,4.50nm,1.5s				22 00 22.8	+3.9
TIY	comp=Z,9um,5.0s					
TIY	comp=Z,5.6um,16.3s					

TIY	comp=Z,2.4um,16.6s					
TIY	comp=Z,2.9um,18.1s					
PET	Petrovavlovsk	28.53 19c	eP	P	21 55 34.8	+0.3
PET	comp=Z,4um,11.4s				22 00 17.9	-2.3
PET	comp=Z,2.24nm,1.7s					
PET	comp=Z,3um,15.9s					
PET	comp=N,6um,13.1s					
PET	comp=N,7um,9.5s					
PET	comp=N,8um,15.7s					
PET	comp=E,5um,10.7s					
PET	comp=Z,3.2um,17.0s					
PET	comp=Z,3.6um,16.0s					
PET	Petrovavlovsk	28.53 19	eP	P	21 55 34.9	+0.4
PET	comp=Z,7.79nm,1.8s					
PET	comp=Z,3.6um,18.0s					
SGSI	Sanghie	28.75 220	P	P	21 55 35.4	-1.5
MANU	Manus Island	28.88 172	eP	P	21 55 36.1	-1.9
KWAJ	Kwajalein Atol	28.92 124	FFAKE	LR	21 55 50.0	+1.2
KWAJ	comp=Z,1.5um,21.0s					
HIA	Hailar	29.06 327	eP	P	21 55 40.3	+0.9
HIA	comp=Z,3um,1.6s					
HIA	Hailar	29.06 327	eP	P	21 55 40.3	+0.9
HIA	comp=Z,3um,1.6s			</		

1225

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like APA, E03A, B05A, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, E07A, G06A, etc.

22d 21h

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

22D 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like A30A Hoffart Farm, LEOM Leova, H26A Fairpoint, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ANTO comp=Z,5µm,20.0s, PETR Petresti, ISCO Idaho Springs, etc.

1228

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like DOPR Dopca, F31A Hecla, MUD Monsted U'grnd, etc.

22d 21h

2010 DEC

1230

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHC, Kasperke Hory, J36A Seneca 1, Swrea, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like U31A Nine Bar Ranch, R33A Olander Ranch, GRG Griva, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEST Nestorio, VLY Voula, Athens, WATA Walderalm, etc.

BFO	comp=Z,783nm,1.0s,SNR=12	95.17 332	eP	P	22 03 00.3	-2.0
BFO	comp=Z,174nm,1.1s		LR	LR		
R37A	comp=Z,11um,18.0s	95.25 42	P	P	22 03 02.0	-0.8
DOU	Teagarden Farm	95.27 335	P	P	22 03 01.1	-1.6
DOU	Dourbes		AP	PP	22 03 10.6	-2.2
X33A	comp=Z,37nm,2.3s	95.30 47	P	P	22 03 01.9	-1.2
DAVA	Lawton	95.30 47	P	P	22 03 10.6	-2.2
DAVA	Damules	95.31 330	iP	P	22 03 02.3	-0.8
U35A	comp=Z,163nm,1.1s,SNR=11	95.31 45	P	P	22 03 02.3	-0.8
LAKA	Pawnee	95.31 45	P	P	22 03 02.3	-0.8
LAKA	Lakka	95.34 318	P	P	22 03 01.8	-1.5
LAKA	Lakka	95.34 318	P	P	22 03 01.8	-1.5
W34A	Bridge Creek	95.35 46	eP	P	22 03 02.6	-0.7
W34A	Bridge Creek	95.35 46	eP	P	22 03 04.1	+0.7
W34A	comp=Z,131nm,1.3s		LR	LR		
330A	comp=Z,18um,20.0s	95.36 51	P	P	22 03 02.4	-1.2
330A	Mertzson	95.36 51	P	P	22 03 02.4	-1.2
IDI	comp=Z,2.8nm,0.3s,baz=106,slow=2.6,SNR=11	95.38 314	iP	P	22 03 02.4	-1.2
IDI	Anoyia	95.38 314	P	P	22 03 02.4	-1.2
IDI	Anoyia	95.38 314	P	P	22 03 02.4	-1.2
IDI	Anoyia	95.38 314	P	P	22 03 02.4	-1.2
332A	comp=Z,4um,21.0s	95.39 49	P	P	22 03 03.0	-0.6
332A	Haskell	95.39 49	P	P	22 03 03.0	-0.6
T36A	comp=Z,95,SNR=24	95.41 44	P	P	22 03 02.6	-1.0
T36A	Geogs Farm, Ca	95.41 44	P	P	22 03 02.6	-1.0
IGT	Igoumenitsa	95.47 319	P	P	22 03 01.6	-2.2
IGT	Igoumenitsa	95.47 319	P	P	22 03 01.6	-2.2
IGT	Igoumenitsa	95.47 319	P	P	22 03 01.6	-2.2
Y33A	Hiltpot Ranch	95.48 44	P	P	22 03 03.0	-1.2
Q38A	Cooks Store, C	95.55 41	P	P	22 03 03.6	-0.6
SIVA	comp=Z,95,SNR=7.1	95.60 314	iP	P	22 03 05.0	+0.5
MRIV	Mauritius Mete	95.60 250	eP	P	22 03 04.0	-0.6
S37A	Fort Scott	95.61 43	P	P	22 03 03.6	-0.9
V35A	Meyer Ranch, C	95.62 45	P	P	22 03 04.0	-0.6
231A	Bronte	95.64 50	P	P	22 03 04.5	-0.3
FUORN	comp=Z,168nm,1.0s	95.64 330	eP	P	22 03 04.2	-0.5
FUORN	Offenpass-Fuorn	95.64 330	eP	P	22 03 04.2	-0.5
KEK	comp=Z,12um,19.0s	95.66 320	P	P	22 03 03.2	-1.5
KEK	Kerkira	95.66 320	P	P	22 03 03.2	-1.5
ABTX	Kerkira	95.66 320	P	P	22 03 03.2	-1.5
ABTX	Abilene, Hawle	95.69 49	eP	P	22 03 04.1	-0.9
ABTX	Abilene, Hawle	95.69 49	eP	P	22 03 05.1	+0.1
ABTX	Abilene, Hawle	95.69 49	eP	P	22 03 05.1	+0.1
ABTX	Abilene, Hawle	95.69 49	eP	P	22 03 05.1	+0.1
DAVOX	comp=Z,20um,20.0s	95.69 330	P	P	22 03 03.0	-1.9
DAVOX	Davos/Dischmat	95.69 330	P	P	22 03 03.0	-1.9
DAVOX	comp=Z,26nm,0.8s,baz=31,slow=2.7,SNR=38		PP	PP	22 06 57.0	+1.2
DAVOX	comp=Z,9.1nm,0.9s,baz=64,slow=6.8,SNR=3.3		PP	PP	22 06 57.0	+1.2
DAVOX	comp=Z,8um,21.6s,baz=40,slow=37	95.69 330	P	P	22 03 03.0	-1.9
DAVOX	Davos/Dischmat	95.69 330	P	P	22 06 57.0	
DAVOX	comp=Z,26nm,0.9s		pmax	pmax		
DAVOX	comp=Z,9.0nm,0.9s		pmax	pmax		
DAVOX	comp=Z,8um,21.6s		MLR	MLR		
DAVOX	Davos/Dischmat	95.69 330	P	P	22 03 03.0	-1.9
DAVOX	Davos/Dischmat	95.69 330	PP	PP	22 06 57.0	+1.2
X34A	Smith Ranch, M	95.70 47	P	P	22 03 04.0	-1.0
P39A	Salisbury	95.71 40	P	P	22 03 04.0	-0.9
RLS	Riolos of Patr	95.76 318	P	P	22 03 04.2	-1.0
RLS	Riolos of Patr	95.76 318	P	P	22 03 04.2	-1.0
LK2D	Lefkada island	95.77 319	P	P	22 03 03.8	-1.4
LK2D	Lefkada island	95.77 319	P	P	22 03 03.8	-1.4
IMMV	Iera Moni Meta	95.85 314	P	P	22 03 04.5	-1.2
Q39A	Willow Grove F	95.87 41	P	P	22 03 04.7	-1.0
Z33A	Whitaker Ranch	95.88 48	P	P	22 03 05.5	-0.4
R38A	Fenwick Farm,	95.89 42	P	P	22 03 04.4	-1.4
U36A	Oologah	95.92 44	P	P	22 03 05.2	-0.7
331A	San Angelo	95.93 51	P	P	22 03 05.2	-0.9
T37A	Cheneville 18	95.96 43	P	P	22 03 04.9	-1.2
530A	J-C Ranch, Com	95.97 52	P	P	22 03 05.7	-0.7
W35A	Tecumseh	95.98 46	P	P	22 03 05.5	-0.8
232A	Coleman	96.12 50	P	P	22 03 06.0	-1.0
Y34A	Reagan Ranch,	96.14 47	P	P	22 03 06.8	-0.2
TUE	Stuetta	96.17 330	eP	P	22 03 06.4	-0.8
TUE	comp=Z,100nm,1.2s		ePP	PP	22 06 56.8	-2.6
TUE			LR	LR		
431A	comp=Z,14um,18.0s	96.17 51	P	P	22 03 06.3	-0.9
431A	Sonora	96.17 51	P	P	22 03 06.3	-0.9
V36A	Jenks	96.17 45	P	P	22 03 06.1	-1.0
TUL1	Tulsa	96.19 45	P	P	22 03 06.3	-0.9
TUL1	Tulsa	96.19 45	eP	P	22 03 07.9	+0.7
TUL1	comp=Z,83nm,1.3s		LR	LR		
133A	Hamilton Ranch	96.19 49	P	P	22 03 06.5	-0.8
VLS	Valsamata	96.21 318	P	P	22 03 05.8	-1.4
VLS	Valsamata	96.21 318	P	P	22 03 05.8	-1.4
VLS	Valsamata	96.21 318	P	P	22 03 05.8	-1.4
GLMI	Grayling	96.26 32	eP	P	22 03 08.7	+1.3
GLMI	comp=Z,107nm,0.8s		LR	LR		
U37A	Saline	96.30 44	P	P	22 03 07.1	-0.5
R39A	Chumby, Stover	96.32 41	P	P	22 03 06.7	-1.0
332A	Millersview	96.36 50	P	P	22 03 07.3	-0.8
X35A	Drake	96.38 46	P	P	22 03 07.4	-0.6
Z34A	Collier Ranch,	96.40 48	P	P	22 03 07.5	-0.6
W36A	Wetumka	96.40 45	P	P	22 03 07.4	-0.8
Q40A	Laux Farm, Aux	96.43 40	P	P	22 03 07.7	-0.5
531A	Rocksprings	96.52 52	P	P	22 03 07.7	-1.2
233A	Rising Star	96.56 49	P	P	22 03 08.3	-0.7
V37A	Hulbert	96.61 44	P	P	22 03 08.1	-1.0
432A	Menard	96.62 51	P	P	22 03 08.0	-1.3
Y35A	Marietta	96.64 47	P	P	22 03 08.3	-1.0
X36A	Centrahoma	96.67 46	P	P	22 03 08.5	-0.9
U38A	Gravette	96.73 44	P	P	22 03 08.8	-0.8
134A	White-Moore Ra	96.77 48	P	P	22 03 09.5	-0.4
R40A	Maddies Statio	96.78 41	P	P	22 03 09.4	-0.4

VLDQ	Val d'Or	96.84 26	eP	P	22 03 08.4	-1.4
VLDQ	comp=Z,47nm,1.0s		LR	LR		
VLDQ	comp=Z,14um,20.0s	96.85 51	eP	P	22 03 10.0	-0.3
JCT	Junction City	96.85 51	eP	P	22 03 10.0	-0.3
JCT	comp=Z,28nm,0.8s		MLR	MLR		
JCT	comp=Z,9um,20.0s	96.85 51	P	P	22 03 09.4	-0.9
JCT	Junction City	96.85 51	P	P	22 03 09.4	-0.9
JCT	baz=97,SNR=10.0		LR	LR		
JCT	Junction City	96.85 51	eP	P	22 03 10.0	-0.3
JCT	comp=Z,28nm,0.8s		LR	LR		
Z35A	Perchaven, San	96.86 47	P	P	22 03 09.6	-0.6
333A	Richland Sprin	96.91 50	P	P	22 03 10.2	-0.4
631A	Perdido Creek	96.94 52	P	P	22 03 09.9	-0.8
532A	Rocksprings	96.99 51	P	P	22 03 09.7	-1.3
234A	Clairette	97.08 49	P	P	22 03 11.0	-0.3
V38A	Canehill	97.08 44	P	P	22 03 10.4	-0.8
Y36A	comp=Z,97,SNR=6.5	97.14 46	P	P	22 03 10.9	-0.6
Y36A	Dunbar	97.14 46	P	P	22 03 10.9	-0.6
SENIN	Lac Senin/Sane	97.15 331	eP	P	22 03 11.6	0.0
SENIN	comp=Z,202nm,2.0s		LR	LR		
433A	Art	97.18 50	P	P	22 03 11.2	-0.6
135A	Vickery Place,	97.23 48	P	P	22 03 11.2	-0.8
X37A	Clayton	97.29 45	P	P	22 03 11.8	-0.4
334A	Lometa	97.42 50	P	P	22 03 12.3	-0.6
Z36A	Blue Ridge	97.43 47	P	P	22 03 12.4	-0.4
632A	Uvalde	97.44 52	P	P	22 03 12.4	-0.6
VLC	Villacollemand	97.44 328	PFAKE	LR	22 03 20.0	+7.2
Y37A	Hugo	97.52 46	P	P	22 03 12.4	-0.8
W38A	Poteau	97.52 45	P	P	22 03 12.7	-0.5
WHTX	Lake Whitney	97.55 49	P	P	22 03 12.8	-0.5
WHTX	Lake Whitney	97.55 49	PFAKE	LR	22 03 20.0	+6.6
X38A	Whitesboro	97.58 45	P	P	22 03 13.5	-0.1
533A	Kerrville	97.63 51	P	P	22 03 13.3	-0.6
CUC	Castrocucco	97.70 322	ePP	PP	22 07 22.0	+1.1
CUC	CUC	97.70 322	ePP	PP	22 07 22.0	+1.1
434A	Burne	97.71 50	P	P	22 03 14.0	-0.2
SLM	Saint Louis	97.73 40	PFAKE	LR	22 03 20.0	+5.9
TIP	comp=Z,15um,21.0s	97.75 321	iP	P	22 03 10.3	-3.9
TIP	Timpagrande	97.75 321	eP	P	22 03 14.7	+0.4
TIP	Timpagrande	97.75 321	eP	P	22 03 14.7	+0.4
TIP	comp=Z,57nm,1.1s		LR	LR		
732A	comp=Z,6um,18.0s	97.77 53	P	P	22 03 14.2	-0.3
732A	Laxson Ranch,	97.77 53	P	P	22 03 14.2	-0.3
PTCN	Pitcairn Islan	97.84 114	PFAKE	LR	22 03 20.0	+5.2
PTCN	PTCN	97.84 114	PFAKE	LR	22 03 20.0	+5.2
136A	Ennis	97.86 48	P	P	22 03 14.6	-0.2
633A	Saathoff Ranch	97.89 52	P	P	22 03 14.6	-0.4
DYA	Yadsworth	97.93 340	PFAKE	LR	22 03 20.0	+5.3
335A	Moody	98.00 49	P	P	22 03 16.9	+1.4
Z37A	Pogue Cattle C	98.01 47	P	P	22 03 15.0	-0.4
832A	Faith Ranch, C	98.02 53	P	P	22 03 15.2	-0.4
534A	Blanco	98.04 51	P	P	22 03 14.7	-1.0
Y38A	Idabel	98.12 46	P	P	22 03 15.5	-0.4
236A	Katherine and	98.16 48	P	P	22 03 15.8	-0.3
435B	Jarrell	98.20 50	P	P	22 03 15.7	-0.7
SFIN	Scholer Farm	98.24 37	P	P	22 03 16.7	+0.4
SFIN	Scholer Farm	98.24 37	PFAKE	LR	22 03 30.0	+1.4
SFIN	SFIN	98.24 37	PFAKE	LR	22 03 30.0	+1.4
733A	Divot King Ran	98.25 52	P	P	22 03 15.1	-1.5
336A	Riesel	98.33 49	P	P	22 03 16.2	-0.7
Z38A	Mt. Pleasant	98.39 46	P	P	22 03 16.6	-0.6
833A	Chaparral WMA,	98.41 53	P	P	22 03 16.5	-0.8
BNI	Bardonecchia	98.44 331	eP	P	22 03 19.3	+1.9
BNI	BNI	98.44 331	eP	P	22 07 20.0	+3.2
BNI	comp=Z,51nm,1.2s		MLR	MLR		
BNI	comp=Z,12um,18.0s	98.44 331	eP	P	22 03 19.3	+1.9
BNI	Bardonecchia	98.44 331	eP	P	22 03 19.3	+1.9
BNI	comp=Z,51nm,1.2s		ePP	PP	22 07 20.0	+3.2
MIAR	Mount Ida	98.45 45	eP	P	22 03 18.3	+0.9
MIAR	MIAR	98.45 45	eP	P	22 07 18.4	
MIAR	comp=Z,56nm,1.2s		pmax	pmax		
MIAR	comp=Z,21um,21.0s	98.45 45	P	P	22 03 16.6	-0.8
MIAR	Mount Ida	98.45 45	P	P	22 03 16.6	-0.8
MIAR	Mount Ida	98.45 45	eP	P	22 03 18.3	+0.9
MIAR	comp=Z,56nm,1.2s		ePP	PP	22 07 18.4	+1.2
Y39A	comp=Z,21um,21.0s	98.52 45	P	P	22 03 17.2	-0.5
Y39A	Lockesburg	98.52 45	P	P	22 03 17.2	-

22d 22h

Table with columns: YKA, Yellowknife Ar, 71.54 29 P, P, 22 28 11.6 -1.1, etc. Lists various stations and their coordinates.

2010 DEC

Table with columns: RAYN, Ar Rayn, 86.37 294 eP, P, 22 29 35.1 +0.3, etc. Lists stations in the RAYN region.

1234

Table with columns: AKTO, Aktyubinsk, 66.67 316 P, P, 22 51 23.7 +0.6, etc. Lists stations in the AKTO region.

SOMM	comp=Z,1.0nm,0.8s,baz=103,slow=2.0,SNR=3.7	PcP	PcP	23 02 27.3 -0.2
SOMM	Songino Array 35.53 316 P			22 59 59.7 +1.0
SOMM				23 02 27.3
SOMM	comp=Z,2.0nm,0.7s	pmax	pmax	
SOMM	comp=Z,1.0nm,0.9s	pmax	pmax	
YAK	Yakutsk 36.18 349 P			23 00 04.2 +0.6
YAK	comp=Z,6.0nm,0.4s,baz=124,slow=0.3,SNR=1.9	eP	eP	
YAK	36.18 349 eP			23 00 04.3 +0.6
YAK		pmax	pmax	
KMI	comp=Z,6.0nm,0.6s			
KMI	Kumming 36.52 276 P			23 00 07.8 +0.5
KMI		PMZ		
NONG	comp=Z,6.0nm,0.9s			
NONG	Nongkai 38.16 265 P			23 00 22.3 +1.3
GTA	comp=Z,7.8nm,0.9s			
GTA	Gaotai 38.20 300 eP			23 00 20.9 -0.4
GTA		pP	pP	23 00 25.8 -0.6
GTA		sP	sP	23 00 28.8 +0.3
ZAK	Zakamensk 38.41 318 eP			23 00 24.0 +1.1
ZAK		pmax	pmax	
LOEI	comp=Z,7.0nm,1.1s			
LOEI	Loei 40.03 265 P			23 00 34.6 -2.1
LOEI	comp=Z,1.16nm,0.7s,comp=Z,1.10nm			
PHRA	Phrae 40.60 267 P			23 00 42.4 +1.0
PHRA	comp=Z,886nm,1.3s			
PBKT	Sadao Pong 40.64 264 P			23 00 42.5 +0.8
PBKT	comp=Z,2.23nm,1.1s,comp=Z,1.2nm			
SRAK	Srakaw 40.71 260 P			23 00 39.4 -3.0
SRAK	comp=Z,3.0nm,0.9s			
NAYO	Nakonayok 41.22 261 P			23 00 48.1 +1.5
NAYO	comp=Z,5.3nm,1.0s			
CMMT	Chiang Mai 41.64 268 P			23 00 50.5 +0.5
CMMT	comp=Z,1.16nm,2.8s			
CHTO	Chiang Mai 41.64 268 P			23 00 50.6 +0.6
CHTO	comp=Z,6.9nm,1.1s			
CHTO	Chiang Mai 41.64 268 eP			23 00 50.1 +0.1
CHTO		pmax	pmax	
CHTO	comp=Z,5.0nm,0.8s			
CHTO	Chiang Mai 41.64 268 eP			23 00 50.1 +0.1
CHTO	comp=Z,7.7nm,0.8s			
CMAR	Chiang Mai Arr 41.76 268 P			23 00 50.0 -0.9
CMAR	comp=Z,1.2nm,0.4s,baz=58,slow=8.6,SNR=16			
CMAR		PcP	PcP	23 02 48.2 +1.0
CMAR	Chiang Mai Arr 41.76 268 P			23 00 50.1 -0.9
CMAR		pmax	pmax	
CMAR	comp=Z,1.0nm,0.4s			
BILL	Bilibino 43.26 12 eP			23 01 02.8 +0.3
BILL		i		23 01 11.9
BILL				23 02 54.8
WRA	comp=Z,3.0nm,0.9s			
WRA	Warrungarra Arr 47.53 192 P			23 01 35.5 -1.4
WRA	comp=Z,1.1nm,0.8s,baz=12,slow=8.4,SNR=24			
WRA	Warrungarra Arr 47.53 192 P			23 01 35.5 -1.4
WRA		pmax	pmax	
WMQ	comp=Z,1.1nm,0.8s			
WMQ	Ururugi 47.53 306 eP			23 01 37.9 +1.0
WMQ		pP	pP	23 01 42.6 +0.5
WMQ		PMZ		
WC3	Warrungarra Arr 47.54 192 eP			23 01 36.5 -0.5
WC3	comp=Z,2.0nm,1.0s			
FITZ	Fitzroy Crossi 48.09 203 P			23 01 39.6 -1.6
FITZ	comp=Z,7.0nm,0.9s,baz=30,slow=8.4,SNR=6.0			
ZAO	Zalesovo Array 50.28 319 eP			23 01 57.9 +0.3
ZALV	Zalesovo Beam 50.28 319 P			23 01 57.7 +0.1
ZALV	comp=Z,3.2nm,0.8s,baz=102,slow=6.5,SNR=17			
ZALV		PcP	PcP	23 03 15.2 -1.2
ZALV	Zalesovo Beam 50.28 319 P			23 03 15.7 +0.1
ZALV		pmax	pmax	
ZALV	comp=Z,3.0nm,0.8s			
ZALV		pmax	pmax	
ZALV	comp=Z,2.0nm,0.6s			
ASAR	Alice Springs 51.25 191 P			23 02 03.5 -1.7
ASAR	comp=Z,1.0nm,0.5s,baz=4.4,slow=5.3,SNR=16			
ASAR		PcP	PcP	23 03 19.4 -0.9
ASAR	Alice Springs 51.25 191 P			23 02 03.6 -1.7
ASAR		pmax	pmax	
ASAR	comp=Z,1.0nm,0.5s			
ASAR		pmax	pmax	
ASAR	comp=Z,1.0nm,0.7s			
MVS	Novosibirsk 51.32 320 eP			23 02 06.4 +1.0
NK01	Makanchi Array 51.38 310 eP			23 02 06.4 +0.7
MKAR	Makanchi Array 51.39 310 P			23 02 06.3 +0.2
MKAR	comp=Z,0.9nm,0.5s,baz=88,slow=10.0,SNR=17			
MKAR		PcP	PcP	23 03 19.8 -0.9
MKAR	Makanchi Array 51.39 310 P			23 02 06.4 +0.2
MKAR		pmax	pmax	
MKAR	comp=Z,1.0nm,0.5s			
MKAR		pmax	pmax	
MKAR	comp=Z,1.0nm,0.6s			
MKAR	Makanchi Array 51.39 310 eP			23 02 07.0 +0.8
MKAR		PcP	PcP	23 03 19.8 -0.9
KDAK	Kodiak Island 53.73 37 P			23 02 23.1 -0.2
KDAK	comp=Z,6.1nm,0.6s,baz=57,slow=17,SNR=3.6			
KDAK	Kodiak Island 53.73 37 P			23 02 23.1 -0.2
KDAK		pmax	pmax	
MLY	Manley 55.62 28 eP			23 02 38.7 +1.7
MLY	comp=Z,9.0nm,2.6s			
KSH	Kashi 56.59 301 eP			23 02 48.4 +0.0
KSH		eP	eP	23 02 53.1 +3.4
KSH		eP	eP	23 04 56.3 +6.1
KSH		eP	eP	23 10 38.1 +2.3
KSH		eS	eS	23 12 32.3 -1.0
KSH		eS	eS	23 14 28.9 +5.8
KSH	comp=Z,5.0nm,0.6s			
KSH		PMZ		
KSH	comp=Z,5.0nm,13.8s			
KSH	comp=Z,150nm,5.0s			
KSH	comp=Z,140nm,4.5s			
KSH		LZ		
IL1	Eielson Array 57.22 29 eP			23 02 47.7 -0.6
ILAR	Eielson Array 57.22 29 P			23 02 47.4 -0.9
ILAR	comp=Z,1.5nm,0.8s,baz=256,slow=6.1,SNR=14			
ILAR	Eielson Array 57.22 29 P			23 02 47.4 -0.9
ILAR		pmax	pmax	
VOSK	Vostochnaya 58.52 317 eP			23 02 58.3 +0.6
VOSK	comp=Z,6.0nm,0.9s			
VOSK	Vostochnaya 58.52 317 eP			23 02 58.2 +0.6
VOSK	comp=Z,5.7nm,0.9s			
STKA	Stephens Creek 58.61 182 P			23 02 56.6 -1.8
STKA	comp=Z,2.9nm,0.6s,baz=15,slow=9.6,SNR=5.1			
STKA	Stephens Creek 58.61 182 P			23 02 56.6 -1.8
STKA		pmax	pmax	
BRVK	Borovoye 58.92 318 iP			23 03 01.0 +0.6
BRVK		pmax	pmax	
BRVK	comp=Z,6.0nm,0.8s			
KKAR	Karatay Array 60.04 306 eP			23 03 09.3 +0.9
KKAR	Karatay Array 60.04 306 eP			23 03 09.3 +0.9
INK	Inuvik 62.61 25 P			23 03 24.3 -0.9
INK	comp=Z,1.7nm,0.7s,baz=278,slow=11,SNR=4.5			
INK	Inuvik 62.61 25 P			23 03 24.3 -0.9
INK		pmax	pmax	
INK	comp=Z,2.0nm,0.7s			
SVE	Sverdlowski 63.97 323 eP			23 03 35.9 +1.5
NWAO	Narrogin (SRO) 64.64 204 P			23 03 38.1 -0.9
NWAO	comp=Z,7.7nm,0.8s,baz=16,slow=0.0,SNR=3.3			
NWAO	Narrogin (SRO) 64.64 204 P			23 03 38.2 -0.9
NWAO		pmax	pmax	
ARU	Arti 65.17 322 dP			23 03 42.7 +0.4
ARU		S	S	23 12 26.8 +2.4
ARU		SS	SS	23 16 34.0 -2.4
ARU	comp=Z,1.2nm,1.6s			

ARU	Arti 65.17 322 eP			23 03 43.0 +0.7
YKA	comp=Z,6.6nm,1.0s			
YKA	Yellowknife Arr 71.65 29 P			23 04 22.5 -0.2
YKA	comp=Z,1.3nm,0.8s,baz=290,slow=5.6,SNR=1.9			
YKA	Yellowknife Arr 71.65 29 P			23 04 22.5 -0.2
YKA		pmax	pmax	
YKBS	Yellowknife Arr 71.65 29 eP			23 04 22.7 0.0
KLMR	Klimovskoe 73.20 330 eP			23 04 32.0 0.0
KLMR		pmax	pmax	
OBN	comp=Z,12nm,1.0s			
OBN	Obninsk 77.22 326 iP			23 04 54.3 -1.0
OBN		pmax	pmax	
OBN	comp=Z,6.0nm,0.9s			
BMO	Blue Mountains 77.52 46 eP			23 04 58.4 +1.1
BMO	comp=Z,1.6nm,1.8s			
GOF	Gofitskoye 78.19 315 eP			23 04 57.4 -3.5
FINES	FINES Array B 78.50 334 P			23 05 02.5 +0.2
FINES	comp=Z,4.0nm,0.9s,baz=88,slow=5.7,SNR=7.8			
FINES	FINES Array B 78.50 334 iP			23 05 02.7 +0.4
FINES		pmax	pmax	
ZEI	comp=Z,4.0nm,0.9s			
ZEI	Tsey 78.64 312 eP			23 05 03.0 -0.7
ZEI		pmax	pmax	
KBZ	Khabaz 78.88 313 P			23 05 06.0 +1.3
KBZ	comp=Z,5.1nm,0.9s,baz=76,slow=15,SNR=9.5			
KBZ	Khabaz 78.88 313 P			23 05 06.0 +1.3
KBZ		pmax	pmax	
KIV	Kislovodsk 78.91 314 eP			23 05 07.7 +2.7
KIV		pmax	pmax	
MFID	Camas Ranch 79.11 47 eP			23 05 07.2 +1.0
MFID	comp=Z,8.4nm,1.1s			
NV01	Mina Array Sit 79.66 52 eP			23 05 09.9 +0.5
NVAR	Mina Array Bea 79.66 52 eP			23 05 10.1 +0.8
NVAR	comp=Z,4.0nm,0.8s,baz=295,slow=5.4,SNR=16			
FFC	Fin Flon 81.18 32 eP			23 05 17.6 +0.6
FFC		pmax	pmax	
FFC	comp=Z,108nm,2.5s			
FFC	Fin Flon 81.18 32 eP			23 05 17.6 +0.6
FFC	comp=Z,1.08nm,2.5s			
YNR	Norris Junctio 81.76 44 eP			23 05 23.4 +2.9
YNR	comp=Z,6.1nm,0.9s			
AHID	Auburn Hatcher 82.47 46 eP			23 05 22.6 -1.6
AHID	comp=Z,2.5nm,0.5s,baz=51,slow=5.1,SNR=16			
AKASG	Malin Array Be 83.33 324 P			23 05 28.0 -0.3
AKASG	comp=Z,2.5nm,0.5s,baz=51,slow=5.1,SNR=16			
AKASG	Malin Array Be 83.33 324 iP			23 05 28.0 -0.3
AKASG		pmax	pmax	
AKASG	comp=Z,3.0nm,0.5s			
KIEV	Kiev 83.35 324 eP			23 05 27.7 -0.6
KIEV		pmax	pmax	
AK11	Malin Array Si 83.38 324 eP			23 05 28.4 -0.1
HFS	Hagfors 83.92 337 P			23 05 30.7 -0.4
HFS	comp=Z,1.4nm,0.7s,baz=50,slow=2.5,SNR=5.1			
HFS	Hagfors 83.92 337 P			23 05 30.7 -0.4
HFS		pmax	pmax	
NB2	NORSAR Subarra 84.08 339 P			23 05 32.0 0.0
NB2	comp=Z,3.6nm,1.1s,baz=43,slow=5.6			
NOA	NORSAR Arr B 84.08 339 P			23 05 31.6 -0.4
NOA	comp=Z,2.5nm,1.0s,baz=44,slow=5.0,SNR=3.3			
NOA	NORSAR Arr B 84.08 339 P			23 05 31.6 -0.4
NOA		pmax	pmax	
BRTR	Keskin Array B 86.87 313 P			23 05 45.9 -0.6
BRTR	comp=Z,1.6nm,1.0s,baz=60,slow=5.8,SNR=6.4			
BRTR	Keskin Array B 86.87 313 iP			23 05 46.4 -0.1
BRTR		pmax	pmax	
BR21	Keskin MP Arra 87.37 314 eP			23 05 47.1 -1.7
KOL S	Kolonike sedil 87.98 326 eP			23 05 51.5 +0.1
KOL S	Kolonike sedil 87.98 326 eP			23 05 51.5 +0.1
STHS	Stebnicka Huta 88.18 326 eP			23 05 53.8 +1.4
STHS	Stebnicka Huta 88.18 326 eP			23 05 53.8 +1.4
GERES	GERESS Array B 92.14 329 P			23 06 10.1 -0.9
GERES	comp=Z,0.5nm,0.7s,baz=30,slow=6.2,SNR=4.6			
GERES	GERESS Array B 92.14 329 P			23 06 10.1 -0.9
GERES		pmax	pmax</	

22d 23h

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 32.36, WAKE ISLAND Hy 32.37, WAKE ISLAND Hy 32.37, etc.

ISC/JB 22:23:09.04.9.1.4.27.2N.0.1.143.5E.0.1, h10km, mb3.9/4, Error ellipse: s-maj=21.0km s-min=15.1km az=166.1

NEIC 22:23:11.35.6.0.5.2.8S.0.0.141.55E.0.08, h35km, mb4.2/19, MS4.6/1, Error ellipse: s-maj=10.0km s-min=8.0km az=175.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Sorong, Tennant Creek, etc.

ISC 22:23:11.35.6.0.5.2.8S.0.0.141.55E.0.1, h10km, n40, c0599/33, mb4.3/19, Near north coast of New Guinea

ISC/JB 22:23:11.35.6.0.5.2.8S.0.0.141.55E.0.08, h35km, mb4.2/19, MS4.6/1, Error ellipse: s-maj=10.0km s-min=8.0km az=175.1

NEIC 22:23:11.35.6.0.5.2.8S.0.0.141.55E.0.08, h35km, mb4.2/19, MS4.6/1, Error ellipse: s-maj=10.0km s-min=8.0km az=175.1

ISC 22:23:11.35.6.0.5.2.8S.0.0.141.55E.0.1, h10km, n40, c0599/33, mb4.3/19, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Sorong, Tennant Creek, etc.

ISC 22:23:15.45.7.54.74N.159.30W, h26km, ML3.2(AEIC), After AEIC

ISC 22:23:15.47.7.2.1.55.35N.160.46W, h0km, mb3.2/3, mb1.3/4, mb1mx3.2/65, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=42.3km s-min=33.6km az=171.0

ISC 22:23:15.54.0.1.2.55.5N.02.160.2W.0.1, h35km, n11, c150/9, mb3.4/3, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sand Point, Veniaminof, Veniaminof 2, etc.

ISC 22:23:15.45.7.54.74N.159.30W, h26km, ML3.2(AEIC), After AEIC

ISC 22:23:15.47.7.2.1.55.35N.160.46W, h0km, mb3.2/3, mb1.3/4, mb1mx3.2/65, mbtmp3.1/4, ML2.9/1, Error ellipse: s-maj=42.3km s-min=33.6km az=171.0

ISC 22:23:15.54.0.1.2.55.5N.02.160.2W.0.1, h35km, n11, c150/9, mb3.4/3, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sand Point, Veniaminof, Veniaminof 2, etc.

2010 DEC

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Yellowknife Ar, Lajitas Array, Songo Array, etc.

ISC/JB 22:23:17.29.3.0.7.26.75N.0.09.143.94E.0.06, h10km, mb3.9/11, Error ellipse: s-maj=13.6km s-min=7.5km az=175.0

IDC 22:23:17.29.4.0.8.2.66.66N.143.94E, h0km, mb3.8/11, mb1.3/9.13, mb1mx3.7/52, mbtmp3.8/13, ML3.3/2, Error ellipse: s-maj=24.4km s-min=18.1km az=75.0

JMA 22:23:17.31.7.0.2.27.10N.143.75E, h1km, M4.2, ISC 22:23:17.30.7.0.9.26.77N.0.1.143.84E.0.07, h10km, n18, c135/20, mb4.0/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Haha-jima-NKT, Chichi jima, Chichijima, etc.

ISC/JB 22:23:24.07.9.1.4.27.3N.0.1.143.5E.0.1, h10km, mb4.0/4, Error ellipse: s-maj=21.4km s-min=13.9km az=144.7

IDC 22:23:24.08.9.1.7.27.22N.143.39E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.5/51, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=28.7km s-min=26.4km az=100.0

ISC 22:23:24.10.0.1.6.27.3N.0.1.143.4E.0.1, h10km, n6, c0877/7, mb4.2/4, Bonin Islands region

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

BUI 22:23:25.02.3.3.005x1.471.75E, h10km, mb4.8/42, mb5.3/22, MS5.1/20, M57.4/18

IDC 22:23:25.04.2.0.4.2.78S.141.63E, h0km, mb4.6/25, mb1.4/7.29, mb1mx4.6/46, mbtmp4.6/29, ML4.4/2, MS4.2/10, MS1.4/2.10, ms1mx3.9/42, Error ellipse: s-maj=16.6km s-min=11.8km az=77.0

NEIC 22:23:25.04.9.0.2.2.84S.0.03.141.60E.0.03, h10km, mb4.9/83, MS4.0/6, Error ellipse: s-maj=4.3km s-min=4.2km az=51.5

NEIC 22:23:25.07.2.0.9.2.79S.141.48E, h15km, 5km, mb5.2/38, Error ellipse: s-maj=6.4km s-min=6.0km az=87.0

AUST 22:23:25.07.1.2.91S.141.52E, h10km

MOS 22:23:25.08.6.1.1.2.80S.141.43E, h33km, mb5.2/23, Error ellipse: s-maj=11.1km s-min=6.9km az=108.6

DJA 22:23:25.12.5.0.4.3.5.4.14.1E, h10km, M4.8/6, mb4.8/6, mb5.1/3, MWJ(mB)4.5/3

ISC 22:23:25.06.7.0.3.2.78S.0.05.141.53E.0.05, h10km, n256, c1936/242, mb5.0/82, MS4.1/6, 8C-2D, Near north coast of New Guinea

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

1236

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai, CMMT Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH, ZAAO, ZALV, KZA, TKM2, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOLS, TXAR, GERES, TKL, MVL, etc.

TOAO	Torodi Ar. Sit	93.19	283	P	P	00 14 49.4 +1.3
TOAO	Torodi Ar. Sit	93.19	283	esP	sP	00 15 04.3 -2.0
TOAO	Torodi Ar. Bea	93.19	283	P	P	00 14 49.4 +1.1
TORD	comp=Z,2.8nm,0.6s,baz=95,slow=5.7,SNR=40			pp	pp	00 15 00.6 +0.9
TORD	comp=Z,1.2nm,0.7s,baz=82,slow=4.3,SNR=12			PKIKP	PKIKP	00 19 35.7 +0.6
TORD	comp=Z,0.8nm,0.7s,baz=60,slow=3.3,SNR=3.2			PKKpbc	PKKpbc	00 31 56.1 0.0
TORD	comp=Z,0.7nm,0.8s,baz=308,slow=3.3,SNR=6.0			P	P	00 15 08.5 -1.1
TOA1	Torodi Ar. Sit	93.19	283	esP	pp	00 14 49.2 +1.1
TOA1				esP	pp	00 15 00.6 -0.8
TOA1				ePKIKP	PKIKP	00 19 35.7 +0.6
TOA1				ePKIKP	PKKpbc	00 31 56.1 0.0
ES19	SONSECA Array	95.03	310	esP	P	00 14 57.6 +1.5
ESDC	Sonsec Array	95.08	310	P	P	00 14 57.3 +0.9
ESDC	comp=Z,4.7nm,0.6s,baz=61,slow=4.2,SNR=42			pp	pp	00 15 08.5 -1.1
BPAW	Bear Paw Mtn.	96.39	24	esP	P	00 15 01.4 -0.3
ILAR	Eielson Array	97.73	23	P	P	00 15 05.8 -2.0
ILAR	comp=Z,0.5nm,0.5s,baz=289,slow=3.9,SNR=12			pp	pp	00 19 03.9 -1.8
ILAR	comp=Z,1.3nm,0.8s,baz=284,slow=5.7,SNR=4.2			PKIKP	PKIKP	00 19 40.8 -0.7
ILAR	comp=Z,0.5nm,0.7s,baz=326,slow=3.7,SNR=2.6			PKKpbc	PKKpbc	00 31 43.0 -2.7
ILB	Eielson Array	97.73	23	esP	P	00 15 05.8 -2.0
ILB	comp=Z,6.1nm,2.8s			ePP	PP	00 19 03.9 -1.8
ILB				ePKIKP	PKIKP	00 19 40.8 -0.7
ILB				ePKIKP	PKKpbc	00 31 43.0 -2.7
SUMG	Summit	98.37	347	iP	P	00 15 11.1 +0.1
SUMG	comp=Z,18nm,1.2s			pmax	pmax	
SUMG	Summit	98.37	347	iP	P	00 15 11.1 +0.1
SUMG	comp=Z,18nm,1.2s			eP	P	00 15 10.6 -0.3
SUMG				P	P	00 15 15.0 +4.0
INK	Inuvik	100.28	17	eP	P	00 15 18.0 -1.1
INK	comp=Z,1.9nm,0.5s,baz=355,slow=6.3,SNR=19			PP	PP	00 19 23.0 -2.0
INK	comp=Z,1.8nm,0.8s,baz=330,slow=7.7,SNR=3.4			P	P	00 15 18.0 -1.1
INK	Inuvik	100.28	17	eP	P	00 15 18.0 -1.1
RES	Resolute Bay	101.25	3	eP	P	00 15 24.3 +1.0
RES	Resolute Bay	101.25	3	eP	P	00 15 24.2 +1.0
RES	Yellowknife Ar	109.83	15	PKIKP	PKIKP	00 20 02.9 -0.8
RES	comp=Z,0.6nm,0.5s,baz=322,slow=2.3,SNR=15			PP	PP	00 20 32.8 -2.8
YKA	comp=Z,1.3nm,0.6s,baz=334,slow=7.6,SNR=8.1			PKKpbc	PKKpbc	00 31 06.7 -2.8
YKA	comp=Z,0.4nm,0.2s,baz=148,slow=2.9,SNR=7.2			PKKpbc	PKKpbc	00 31 20.2 +0.3
YKA	comp=Z,0.5nm,0.8s,baz=147,slow=3.8,SNR=8.1			PKKpbc	PKKpbc	00 20 02.9 -0.8
YKB5	Yellowknife Ar	109.83	15	ePKIKP	PKIKP	00 20 02.9 -0.8
YKB5				ePP	PP	00 20 32.8 -2.8
YKB5				ePKIKP	PKKpbc	00 31 06.7 -2.8
YKB5				ePKIKP	PKKpbc	00 31 20.2 +0.3
FCC	Fort Churchill	117.02	6	ePKIKP	PKIKP	00 20 17.2 -0.4
FCC	Fort Churchill	117.02	6	ePKIKP	PKIKP	00 20 17.2 -0.4
EDM	Edmonton	118.00	19	ePKIKP	PKIKP	00 20 19.8 +0.1
EDM	Edmonton	118.00	19	ePKIKP	PKIKP	00 20 19.8 +0.1
BO5A	Bryant	118.36	28	P	P	00 20 20.4 +0.1
BO5A	comp=Z,1.8			PKIKP	PKIKP	00 20 22.4 +0.3
BO8A	Colville Reser	119.55	26	ePKIKP	PKIKP	00 20 22.7 -0.2
FFC	Flin Flon	119.72	12	ePKIKP	PKIKP	00 20 22.4 -0.5
FFC	Flin Flon	119.72	12	ePKIKP	PKIKP	00 20 22.4 -0.5
SCHQ	Schefferville	119.73	349	PKP	PKP	00 20 23.4 +0.4
SCHQ	comp=Z,7.1nm,0.7s,baz=20,slow=2.1,SNR=16			PKIKP	PKIKP	00 20 23.2 -0.2
LTY	Liberty	119.76	28	ePKIKP	PKIKP	00 20 24.0 +0.4
G03A	Chrisman Ranch	120.44	26	ePKIKP	PKIKP	00 20 24.8 +0.3
NEW	Newport	120.58	25	ePKIKP	PKIKP	00 20 24.3 -0.6
NEW	Newport	120.58	25	ePKIKP	PKIKP	00 20 24.8 -0.1
NEW	Newport	120.58	25	ePKIKP	PKIKP	00 20 24.3 -0.6
DOB8	Wollman Farm,	120.71	27	ePKIKP	PKIKP	00 20 23.4 -1.7
G05D	Wamic, OR	120.90	30	P	P	00 20 25.4 -0.1
HAWA	Hanford	120.92	28	ePKIKP	PKIKP	00 20 25.1 +0.6
HAWA	Drain, OR	120.92	32	P	P	00 20 25.4 -0.1
104A	Tendick Farm,	121.35	32	P	P	00 20 26.5 +0.1
104A	baz=121			PKIKP	PKIKP	00 20 26.5 +0.1
105D	Terrebonne, OR	121.53	31	P	P	00 20 27.1 +0.3
L02D	Cave Junction,	121.82	34	P	P	00 20 28.1 +0.7
L02D	baz=122			PKIKP	PKIKP	00 20 27.7 +0.1
BSMT	Bassoo Peak	121.86	24	ePKIKP	PKIKP	00 20 28.4 +1.0
HUMD	Hull Mountain	121.87	33	ePKIKP	PKIKP	00 20 28.2 +0.4
J04D	Umpqua Nationa	121.89	32	P	P	00 20 28.2 +0.4
G08A	Pilot Rock	122.21	28	ePKIKP	PKIKP	00 20 28.1 +0.3
F10A	Beach Ranch, E	122.29	27	ePKIKP	PKIKP	00 20 28.2 0.0
JWSD	Fort Rock, OR	122.32	31	P	P	00 20 28.1 -0.4
S0M5	Swartz Lake	122.46	24	ePKIKP	PKIKP	00 20 28.3 -0.3
K04D	Chiloquin, OR	122.51	32	P	P	00 20 28.8 0.0
M02C	Callahan	122.75	34	P	P	00 20 30.0 +0.8
M02C	baz=123,SNR=6.9			PKIKP	PKIKP	00 20 29.0 -0.5
SLMT	Seelye Lake	122.88	23	ePKIKP	PKIKP	00 20 30.6 +1.0
K05A	Summer Lake	122.89	32	ePKIKP	PKIKP	00 20 29.5 -0.2
M05A	Missoula	123.03	24	P	P	00 20 29.6 -0.2
M04C	Macdoel	123.03	34	P	P	00 20 30.1 +0.2
M04C	baz=123,SNR=5.7			PKIKP	PKIKP	00 20 30.6 +0.7
N02D	Trinity Center	123.11	34	P	P	00 20 30.1 +0.2
N02D	baz=123,SNR=6.7			PKIKP	PKIKP	00 20 29.9 -0.3
BMO	Blue Mountains	123.11	28	ePKIKP	PKIKP	00 20 30.7 +0.1
CHMT	Chamberlain Mo	123.24	24	ePKIKP	PKIKP	00 20 30.7 +0.1
WDC	Whiskeytown Da	123.47	35	ePKIKP	PKIKP	00 20 30.7 +0.1
WDC	Whiskeytown Da	123.47	35	ePKIKP	PKIKP	00 20 31.1 +0.4
EGMT	Eagleton	123.61	20	P	P	00 20 31.0 +0.3
EGMT	baz=123			ePKIKP	PKIKP	00 20 32.0 +0.9
J08A	Circle Bar Ran	123.67	30	ePKIKP	PKIKP	00 20 31.9 +0.5
MOD	Modoc	123.78	32	ePKIKP	PKIKP	00 20 31.9 +0.5
O03D	Paynes Creek	124.04	34	P	P	00 20 31.9 +0.1
LRM	Limekiln Ridge	124.45	24	ePKIKP	PKIKP	00 20 32.4 -0.2
DLMT	Dillon	124.77	24	ePKIKP	PKIKP	00 20 33.7 +0.7
A25A	Svangstou Ranch	124.83	15	P	P	00 20 33.8 +0.7
MFID	Camas Ranch	124.90	28	ePKIKP	PKIKP	00 20 34.0 +0.6
BOZ	Bozeman (W)	124.92	23	ePKIKP	PKIKP	00 20 33.7 +0.3
BOZ	Bozeman (W)	124.92	23	ePKIKP	PKIKP	00 20 33.6 +0.2
BOZ	Bozeman (W)	124.92	23	ePKIKP	PKIKP	00 20 33.9 +0.7
DGMT	Dagmar	124.96	16	P	P	00 20 33.9 +0.7
DGMT	Dagmar	124.96	16	ePKIKP	PKIKP	00 20 33.9 +0.7
MGMT	McKenzie Canyo	125.10	25	ePKIKP	PKIKP	00 20 33.0 -0.4
ULM	Lac du Bonnet	125.11	9	ePKIKP	PKIKP	00 20 33.2 -0.2
ULM	Lac du Bonnet	125.11	9	ePKIKP	PKIKP	00 20 33.2 -0.2
A26A	Wade Farm, Ken	125.14	14	P	P	00 20 34.8 +0.6
B25A	Knox Farm, Ray	125.43	16	P	P	00 20 34.8 +0.3
HLID	Halley	125.43	27	P	P	00 20 35.0 +0.5
HLID	Halley	125.43	27	ePKIKP	PKIKP	00 20 34.7 +0.4
A28A	Rude Farm, Bot	125.55	13	P	P	00 20 35.0 +0.5
A28A	baz=125			PKIKP	PKIKP	00 20 34.9 +0.2
B29A	Jensen Ranch,	125.57	15	P	P	00 20 34.9 +0.2
B29A	baz=125			PKIKP	PKIKP	00 20 34.8 +0.2
B27A	Peters Farms,	125.79	14	P	P	00 20 34.8 -0.3
C25A	Freed Ranch, W	125.92	16	P	P	00 20 35.0 -0.1
A30A	Hoffart Farm,	125.94	12	P	P	00 20 35.2 +0.1
B28A	Dugan Ranch, T	125.96	13	P	P	

LAO	baz=126					
LAO	LASA Array	125.96	19	P	PKP	00 20 35.1 -0.1
LAO	baz=126					
LAO	LASA Array	125.96	19	ePKIKP	PKIKP	00 20 36.2 +1.0
YMR	Yellowknife River	126.00	23	ePKIKP	PKIKP	00 20 37.1 +1.5
C26A	Wahner Farm,	126.12	15	P	PKP	00 20 36.4 +0.9
A31A	Linda, St. Vin	126.16	11	P	PKP	00 20 36.9 +1.4
B29A	Wagenman Farm,	126.17	13	P	PKP	00 20 35.7 +0.2
YFT	Old Faithful	126.23	24	ePKIKP	PKIKP	00 20 38.5 +2.5
RLMT	Red Lodge	126.27	22	P	PKP	00 20 36.1 0.0
RLMT	Red Lodge	126.27	22	ePKIKP	PKIKP	00 20 37.0 +0.9
RLMT	Red Lodge	126.27	22	ePKIKP	PKIKP	00 22 32.6 +2.6
A32A	Rocking H Ranc	126.30	10	P	PKP	00 20 35.6 -0.1
LKWY	Lake	126.30	23	ePKIKP	PKIKP	00 20 38.4 +2.2
LKWY	Lake	126.30	23	ePKIKP	PKIKP	00 20 38.4 +2.2
L27A	Saylor Ranch,	126.37	15	P	PKP	00 20 35.9 -0.1
H17A	Grant Village	126.38	23	P	PKP	00 20 36.0 -0.4
H17A	Grant Village	126.38	23	ePKIKP	PKIKP	00 20 38.4 +2.0
B30A	Myrick Farm, E	126.40	12	P	PKP	00 20 36.0 0.0
D25A	Fairfield	126.41	16	P	PKP	00 20 35.9 -0.1
A33A	Warroad	126.46	9	P	PKP	00 20 36.1 +0.1
B31A	Greenbush Farm	126.56	11	P	PKP	00 20 36.0 -0.2
C28A	Hausauer Farms	126.64	14	P	PKP	00 20 36.7 +0.3
MDND	Maddock	126.70	13	P	PKP	00 20 36.9 +0.3
MDND	Maddock	126.70	13	ePKIKP	PKIKP	00 20 36.5 0.0
D26A	Manning	126.76	16	P	PKP	00 20 37.1 +0.3
B32A	Ashes, Strandq	126.79	10	P	PKP	00 20 36.5 -0.2
D27A	Center	126.93	15	P	PKP	00 20 37.0 -0.1
E25A	Miller Ranch,	126.98	17	P	PKP	00 20 37.2 0.0
AGMN	Agassiz Nation	127.00	10	P	PKP	00 20 37.1 0.0
AGMN	Agassiz Nation	127.00	10	ePKIKP	PKIKP	00 20 36.6 -0.5
B34A	Aery, Baudette	127.02	9	P	PKP	00 20 37.5 +0.4
B33A	Robert and Kas	127.07	10	P	PKP	00 20 37.1 -0.2
C30A	Mose, Pekin	127.08	12	P	PKP	00 20 37.4 +0.1
D28A	Regan	127.09	14	P	PKP	00 20 38.2 +0.8
REDW	Red Top Meadow	127.12	24	ePKIKP	PKIKP	00 20 38.4 +0.6
C31A	Landman Farms,	127.14	11	P	PKP	00 20 37.7 +0.3
ELK	Elko	127.22	30	ePKIKP	PKIKP	00 20 39.3 +1.2
ELK	Elko	127.22	30	ePKIKP	PKIKP	00 20 39.3 +1.2
E26A	Carlson Angus	127.27	16	P	PKP	00 20 37.8 +0.1
B35A	Bob, Littlefor	127.27	8	P	PKP	00 20 37.8 +0.2
NV01	Mina Array Sit	127.32	34	ePKIKP	PKIKP	00 20 39.2 +0.9
NV01				ePKIKP	PKIKP	00 20 49.7 -2.3
NV01				ePKIKP	PKIKP	00 22 38.8 +1.4
NV01				ePKIKP	PKIKP	00 20 39.2 +0.9
NVAR	Mina Array Bea	127.32	34	PKP	PKP	00 20 39.2 +0.9
NVAR	comp=Z,9.5nm,0.7s,baz=305,slow=2.0,SNR=5.9			pp	pp	00 22 38.8 +1.4
NVAR	comp=Z,3.3nm,0.7s,baz=48,slow=6.6,SNR=4.1			pp	pp	
C32A	Crookston	127.34	10	P	PKP	00 20 37.8 0.0
D29A	Petitione, Tap	127.44	13	P	PKP	00 20 38.3 +0.3
F25A	Boyman	127.49	17	P	PKP	00 20 38.4 +0.2
C33A	Trail	127.54	10	P	PKP	00 20 38.2 +0.1
E27A	Carson	127.55	15	P	PKP	00 20 38.4 +0.2
HVU	Hansel Valley	127.58	27	ePKIKP	PKIKP	00 20 39.2 +0.6
HVU	Hans					

23d Oh

J34A	George	131.82	12	P	PKPdf	00 20 46.7 +0.2
109C	Camp Elliot, M	131.88	38	P	PKPdf	00 20 46.2 -0.6
L29A	Maessberg Ranch	131.88	16	P	PKPdf	00 20 46.4 -0.2
J35A	Milford	131.89	11	P	PKPdf	00 20 46.1 -0.4
K32A	Verdigré	131.98	14	P	PKPdf	00 20 46.9 +0.1
J36A	Seneca 1, Swea	132.08	10	P	PKPdf	00 20 47.1 +0.2
IRM	Iron Mountain	132.15	35	P	PKPdf	00 20 47.5 +0.2
W13A	Hualapai Mount	132.17	33	ePKPdf	00 20 46.4 -1.2	
L30A	Spencer Herefo	132.20	16	P	PKPdf	00 20 47.0 -0.2
L31A	Butterfield Fa	132.22	15	P	PKPdf	00 20 47.2 -0.1
SMCO	Snowmass	132.22	24	eSKPbc	SKPbc	00 24 10.8 -0.2
ISCO	Idaho Springs	132.22	22	ePKIKP	PKPdf	00 20 48.8 +1.1
ISCO	Idaho Springs	132.22	22	P	PKPdf	00 20 47.0 -0.7
ISCO	Idaho Springs	132.22	22	ePKPdf	PKPdf	00 20 48.8 +1.1
ISCO	Idaho Springs	132.22	22	eSKPbc	SKPbc	00 24 15.3 +3.5
J37A	Redenius Farm,	132.23	9	P	PKPdf	00 20 47.1 -0.1
M27A	Bar X Bar Ranc	132.24	18	P	PKPdf	00 20 46.8 -0.6
K33A	Hardington	132.25	13	P	PKPdf	00 20 47.3 0.0
K34A	Le Mars	132.37	12	P	PKPdf	00 20 47.2 -0.2
J38A	Wedel Dairy, R	132.39	8	P	PKPdf	00 20 47.4 -0.1
M29A	Burnside Ranch	132.40	17	P	PKPdf	00 20 46.9 -0.8
OGNE	Ogallala	132.45	18	P	PKPdf	00 20 47.6 -0.2
K35A	Storm Lake	132.50	11	P	PKPdf	00 20 47.6 -0.2
L32A	Elgin	132.59	14	P	PKPdf	00 20 48.6 +0.7
L33A	Hoskins	132.61	13	P	PKPdf	00 20 48.9 +0.9
K36A	Gilmore City	132.73	10	P	PKPdf	00 20 48.3 +0.1
K37A	Belmond	132.75	10	P	PKPdf	00 20 48.3 +0.1
Y12C	Blythe	132.80	35	P	PKPdf	00 20 48.4 -0.1
Y12C	Blythe	132.80	35	ePKPdf	PKPdf	00 20 49.9 +1.4
N28A	Prübeno Ranch	132.84	18	P	PKPdf	00 20 48.4 -0.1
M31A	Lambrecht Ranc	132.96	15	P	PKPdf	00 20 49.0 +0.3
N29A	Votaw Ranch, W	132.99	17	P	PKPdf	00 20 48.5 -0.3
L34A	Svensden Farm,	133.00	13	P	PKPdf	00 20 49.2 +0.5
K38A	Parkersburg	133.00	9	P	PKPdf	00 20 48.6 -0.1
L35A	Blowell Farm, R	133.03	12	P	PKPdf	00 20 48.8 0.0
JFWS	Jewell Farm	133.06	6	eSKPbc	SKPbc	00 24 14.2 -0.7
BGNE	Belgrade	133.12	14	P	PKPdf	00 20 49.0 0.0
BGNE	Belgrade	133.12	14	ePKPdf	PKPdf	00 20 48.6 -0.3
BGNE	Belgrade	133.12	14	eSKPbc	SKPbc	00 24 13.4 -0.1
Q24A	Divide	133.12	23	P	PKPdf	00 20 49.4 0.0
N30A	Hueffle Ranch,	133.16	17	P	PKPdf	00 20 50.0 +0.9
WUAZ	Wupatki	133.19	31	P	PKPdf	00 20 49.7 +0.2
M33A	Taylor Creek F	133.19	13	P	PKPdf	00 20 49.5 +0.4
L36A	Harm Buss Farm	133.21	11	P	PKPdf	00 20 49.8 +0.8
MVCO	Mesa Verde	133.21	27	P	PKPdf	00 20 48.6 -1.0
MVCO	Mesa Verde	133.21	27	ePKPdf	PKPdf	00 20 50.4 +0.8
L37A	Phoenix Point,	133.35	10	P	PKPdf	00 20 48.8 -0.5
N31A	Bailey Ranch,	133.46	16	P	PKPdf	00 20 49.5 -0.1
L38A	Oak Wood Farm,	133.47	9	P	PKPdf	00 20 49.6 +0.1
S22A	4UR Ranch, Cre	133.49	25	P	PKPdf	00 20 50.1 0.0
M35A	Neola	133.62	12	P	PKPdf	00 20 50.0 +0.1
N32A	Stulken Farm,	133.69	15	P	PKPdf	00 20 49.8 -0.3
O30A	MW Ranch, Wils	133.75	17	P	PKPdf	00 20 50.1 -0.1
M36A	Felix, Anita	133.81	11	P	PKPdf	00 20 50.0 -0.3
N33A	J Bar K, Exete	133.92	14	P	PKPdf	00 20 50.5 0.0
M37A	Trindle Farm,	134.00	10	P	PKPdf	00 20 50.4 -0.2
X16A	Lo Mia Camp, P	134.00	32	ePKPdf	PKPdf	00 20 52.6 +1.6
P29A	Altwood	134.02	18	P	PKPdf	00 20 50.1 -0.7
SDCO	Great Sand Dun	134.04	24	ePP	PP	00 23 20.9 +0.3
M38A	Pleasantville	134.13	10	P	PKPdf	00 20 50.6 -0.2
N35A	Tabor	134.21	12	P	PKPdf	00 20 50.9 -0.1
Q28A	Sharon Springs	134.22	19	P	PKPdf	00 20 51.1 -0.1
P30A	Selden	134.28	17	P	PKPdf	00 20 51.4 -0.1
W18A	Petrified Fore	134.32	30	P	PKPdf	00 20 51.5 -0.1
N36A	Muff Farm, Cla	134.40	12	P	PKPdf	00 20 51.6 +0.3
O33A	Hebron	134.51	15	P	PKPdf	00 20 52.0 +0.4
P31A	Stockton	134.55	17	P	PKPdf	00 20 51.7 -0.1
N37A	Lee Faris, Mou	134.60	11	P	PKPdf	00 20 51.4 -0.3
O34A	Beatrice	134.63	14	P	PKPdf	00 20 51.6 -0.2
Q29A	Oakley	134.65	19	P	PKPdf	00 20 52.1 +0.1
P32A	Huitt Farm,	134.67	16	P	PKPdf	00 20 51.9 0.0
X18A	Snowflake	134.68	30	ePP	PP	00 23 27.8 +2.9
O35A	Humboldt	134.72	13	P	PKPdf	00 20 51.6 -0.4
N38A	Joess South For	134.74	10	P	PKPdf	00 20 51.7 -0.3
N39A	Derby Farms, D	134.77	9	P	PKPdf	00 20 51.9 -0.1
T25A	Trinidad	135.00	23	P	PKPdf	00 20 53.0 +0.2
R29A	Marienthal	135.02	19	P	PKPdf	00 20 53.2 +0.5
Q31A	Ellis	135.03	17	P	PKPdf	00 20 53.2 +0.6
O36A	Bolkow	135.06	12	P	PKPdf	00 20 53.1 +0.5
P33A	Williams Farm,	135.09	15	P	PKPdf	00 20 53.3 +0.6
214A	Organ Pipe Nat	135.09	35	P	PKPdf	00 20 53.0 +0.1
CBKS	Cedar Bluff	135.10	17	P	PKPdf	00 20 53.0 +0.2
O37A	Wolven Farm, M	135.18	11	P	PKPdf	00 20 52.9 +0.1
P34A	Walnut Farm, R	135.20	14	P	PKPdf	00 20 53.0 +0.1
Q32A	Meitler Ranch,	135.28	16	P	PKPdf	00 20 52.7 -0.4
O38A	Galt	135.35	10	P	PKPdf	00 20 52.8 -0.3
O39A	Kirksville	135.38	9	P	PKPdf	00 20 53.1 -0.1
P35A	Duane Minner,	135.41	13	P	PKPdf	00 20 53.4 +0.1
R30A	Dighton	135.43	18	P	PKPdf	00 20 53.1 -0.3
Q33A	Connelly Farm,	135.47	15	P	PKPdf	00 20 53.3 -0.1

2010 DEC

P36A	Good Intent, A	135.50	12	P	PKPdf	00 20 53.4 0.0
HDIL	Hopedale	135.50	6	P	PKPdf	00 20 52.9 -0.5
S28A	Walter	135.52	20	P	PKPdf	00 20 52.9 -0.8
O40A	La Belle	135.61	9	P	PKPdf	00 20 53.1 -0.6
R31A	Burdett	135.65	17	P	PKPdf	00 20 53.6 -0.3
KSU1	Kansas State U	135.68	14	P	PKPdf	00 20 53.9 +0.1
KSU1	Kansas State U	135.68	14	ePKPdf	PKPdf	00 20 54.3 +0.5
P37A	Parsons	135.70	11	P	PKPdf	00 20 53.7 -0.1
S29A	Ulysses	135.76	19	P	PKPdf	00 20 53.8 -0.3
R32A	Long Quarter,	135.76	16	P	PKPdf	00 20 53.6 -0.4
Q34A	Chapman	135.76	14	P	PKPdf	00 20 53.9 -0.1
P38A	Dawn	135.82	10	P	PKPdf	00 20 54.1 0.0
SFIN	Scholer Farm	135.84	3	P	PKPdf	00 20 53.9 -0.1
S30A	Montezuma	135.96	19	P	PKPdf	00 20 53.7 -0.8
ANMO	Albuquerque	136.01	27	ePKIKP	PKPdf	00 20 53.5 -1.3
ANMO	Albuquerque	136.01	27	ePKPdf	PKPdf	00 20 53.5 -1.3
ANMO	Albuquerque	136.01	27	eSKPbc	SKPbc	00 24 22.4 -0.8
Q35A	Mercer Eighty,	136.04	13	P	PKPdf	00 20 54.2 -0.3
ACSO	Creek Sta	136.06	359	ePKPdf	PKPdf	00 20 54.7 -0.2
R33A	Olander Ranch,	136.07	16	P	PKPdf	00 20 54.6 0.0
P39A	Salisbury	136.09	10	P	PKPdf	00 20 54.4 -0.1
P40A	Parsons	136.16	9	P	PKPdf	00 20 54.7 +0.1
R34A	Isabella, Hill	136.27	15	P	PKPdf	00 20 55.2 +0.2
S31A	Multiville	136.28	18	P	PKPdf	00 20 55.2 +0.1
Q32A	Cooks Store, C	136.45	11	P	PKPdf	00 20 55.0 -0.2
T30A	Plains	136.47	19	P	PKPdf	00 20 55.2 -0.2
Q39A	Willow Grove F	136.48	10	P	PKPdf	00 20 55.5 +0.2
R35A	Emporia Munic	136.51	14	P	PKPdf	00 20 55.8 +0.4
R36A	Gordon, Harris	136.67	13	P	PKPdf	00 20 56.1 +0.4
Q40A	Laux Farm, Aux	136.68	9	P	PKPdf	00 20 55.9 +0.3
U29A	Oasis Ranch, S	136.77	20	P	PKPdf	00 20 55.7 -0.3
R37A	Teagarden Farm	136.83	12	P	PKPdf	00 20 55.6 -0.4
S34A	Willow Spring	136.88	15	P	PKPdf	00 20 55.7 -0.4
U30A	WK&C Inc. Balk	136.91	20	P	PKPdf	00 20 55.9 -0.3
BLO	Bloomington	137.08	3	ePKIKP	PKPdf	00 20 58.3 +1.9
BLO	Bloomington	137.08	3	ePKPdf	PKPdf	00 20 58.3 +1.9
S35A	Otter Creek Ra	137.09	14	P	PKPdf	00 20 57.9 +1.5
R38A	Fenwick Farm,	137.14	11	P	PKPdf	00 20 56.2 -0.4
R39A	Chumby, Stover	137.18	10	P	PKPdf	00 20 56.6 0.0
S36A	Lake Cedric, C	137.23	13	P	PKPdf	00 20 56.7 0.0
U31A	Nine Bar Ranch	137.31	19	P	PKPdf	00 20 55.7 -1.2
R40A	Maddies Statio	137.34	9	P	PKPdf	00 20 56.6 -0.3
121A	Cookes Peak, D	137.36	30	P	PKPdf	00 20 56.2 -1.1
S37A	Fort Scott	137.36	13	P	PKPdf	00 20 56.4 -0.6
T34A	McClaskey Farm	137.49	16	P	PKPdf	00 20 56.7 -0.6
319A	Douglas	137.50	33	ePKPdf	PKPdf	00 21 00.7 +3.1
U32A	Winter Ranch,	137.57	18	P	PKPdf	00 20 57.0 -0.5
V30A	Spur Ranch, Mi	137.59	20	P	PKPdf	00 20 57.2 -0.3
S38A	Stockton	137.68	12	P	PKPdf	00 20 57.4 -0.2
S39A	Bolivar	137.74	11	P	PKPdf	00 20 57.4 -0.3
T35A	Sooner Cattle	137.77	15	P	PKPdf	00 20 57.7 -0.1
T36A	Boggs Farm, Ca	137.79	14	P	PKPdf	00 20 57.4 -0.3
V31A	Sprig Creek L	137.86	19	P	PKPdf	00 20 57.4 -0.7
U34A	Anderson Ranch	137.95	16	ePKPdf	PKPdf	00 20 60.0 +1.9
T37A	Cheneyville 18	137.96	13	P	PKPdf	00 20 57.5 -0.6
S40A	Lebanon	137.97	10	P	PKPdf	00 20 57.6 -0.5
WCI	Wyandotte Cave	138.03	3	ePKIKP	PKPdf	00 20 58.4 +0.2
WCI	Wyandotte Cave	138.03	3	ePKPdf	PKPdf	00 20 58.4 +0.2
SIUC	Southern illin	138.32	6	ePKPdf	PKPdf	00 20 59.3 +0.6
T40A	Manfield	138.41	10	P	PKPdf	00 20 58.4 -0.5
MXST	Muleshoe	138.41	24	P	PKPdf	00 20 58.8 -0.3
MXST	Muleshoe	138.41	24	ePKPdf	PKPdf	00 20 59.5 +0.3
U36A	Oologah	138.46	14	P	PKPdf	00 20 59.4 +0.4
V34A	Guthrie	138.52	17	P	PKPdf	00 20 59.6 +0.4
V34A	Guthrie	138.52	17	ePKPpre	PKPpre	00 20 59.6 +0.4
U37A	Salina	138.60	13	P	PKPdf	00 20 59.4 +0.2
W32A	Sentinel	138.65	19	P	PKPdf	00 20 59.4 0.0
U38A	Gravette	138.73	13	P	PKPdf	00 20 59.6 +0.1
V35A	Meyer Ranch, C	138.77	16	P	PKPdf	00 20 59.8 +0.2
X31A	McDonald Ranch	138.86	20	P	PKPdf	00 20 59.9 +0.1
W33A	Caddo, Fort Co	138.87	18	P	PKPdf	00 20 59.3 -0.5
TUL1	Tulsa	138.91	14	ePKPpre	PKPpre	00 20 51.1
V36A	Jenks	138.99	15	P	PKPdf	00 20 59.9 -0.1
W37A	Bridge Creek,	139.00	17	P	PKPdf	00 21 00.1 +0.1
V34A	Hulbert	139.09	14	P	PKPdf	00 21 00.1 -0.1
PBMO	Poplar Bluff	139.10	8	ePKPpre	PKPpre	00 20 52.2
MXTX	Cornudas Mount	139.21	28	P	PKPdf	00 21 00.5 0.0
MXTX	Cornudas Mount	139.21	28	ePKPdf	PKPdf	00 21 00.2 -0.4
Y30A	Stafford Cattl	139.21	22	P	PKPdf	00 21 00.5 0.0
V38A	Canehill	139.28	13	P	PKPdf	00 21 00.2 -0.4
W35A	Tecumseh	139.34	16	P	PKPdf	00 21 00.3 -0.3
Y31A	Rekieta Farm,	139.36	21	P	PKPdf	00 21 00.7 -0.1
W36A	Wetumka	139.52	15	P	PKPdf	00 21 01.2 +0.2
X34A	Smith Ranch, M	139.57	18	P	PKPdf	00 21 01.7 +0.6

23D 1h

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes stations like H3RT, HORT, HORT, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes stations like GONE, GONE, GONE, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes stations like ADVT, ADVT, ADVT, etc.

1250

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes stations like ADVT, ADVT, ADVT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARGES, HERCEG NOVI, DIVIBARE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SINOP, YOGZAT, LFK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GALICH'YA GORA, OBNSK, MOSCOW, etc.

IDC 23 01:35:50.5, 0.3, 2.7, 25N, 143.44E, h0km, mb4.8/46, mb1.4/9.50, mb1mx4.8/62, mb1mx4.8/50, ML4.2/4, MS3.9/8, Ms1.3.9/8, ms1mx3.5/42, Error ellipse: s-maj=11.9km s-min=8.7km az=84.0 BUL 23 01:35:50.6, 27.20N, 143.28E, h10km, mb4.8/58, mb5.0/40, Ms4.6/35, Ms7.4/2/32 MOS 23 01:35:50.7, 1.0, 2.7, 28N, 143.37E, h10km, mb5.1/94, Error ellipse: s-maj=7.7km s-min=4.2km az=109.3 ISCJB 23 01:35:50.1, 0.7, 27.40N, 103.143, 33E, h4km, 6km, mb5.0/23, MS4.0/5, Error ellipse: s-maj=4.4km s-min=2.7km az=172.2 GCMT 23 01:35:52.4, 0.6, 27.30N, 143.23E, h23km, 1km, MW5.0/74,

Moment Tensor Solution. s27.c30: s74.c89: Duration: 0. Moment tensor: Scale 10^16Nm; M1-4.93E.44; Mw2.58+28; Mw2.35+26; Mw-0.70+39; Mw-0.99+15; Mw1.79+36; Best double couple: Mw4.59000+1016 NP1=141.00000; 657.00000; -83.00000; NP2: 308.00000; 834.00000; -101.00000; Principal axes: T 3.8070, Plg11.0000; Azm226.0000; N 1.5670, Plg6.0000; Azm317.0000; P -5.3730, Plg77.0000; Azm75.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23 01:35:52.4-0.1, 27.25N, 143.33E, h10km, mb5.1/150 Error ellipse: s-major=3.4km s-minor=1.8km bzz=153.0

JMA 23 01:35:53.2-0.1, 27.43N, 143.44E, h38km, M4.7

ISC 23 01:35:52.7-0.9, 27.30N, 143.35E, h10km, mb5.1km, n886, c091/929, mb5.1/242, MS4.0/5, 44C-33D, Bonin Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Lists stations like CBJI, CBJJ, CBJL, etc., with their respective coordinates and data.

Table with columns: STA, Name, Azimuth, Azimuth Error, P, S, PMZ, etc. Lists stations like Beijing, BJI, BJJ, etc., with their respective azimuths and data.

Table with columns: STA, Name, Azimuth, Azimuth Error, P, S, PMZ, etc. Lists stations like GTA, ZAK, ZAK, etc., with their respective azimuths and data.

1253

MKAR	comp-Z,4.0nm,0.8s	51.14 309	eP	P	01 44 56.5 +0.9
DMN	comp-Z,30nm,0.9s	51.25 285	eP	P	01 44 57.0 +0.1
MAKZ	comp-Z,32nm,2.0s	51.36 309	eP	P	01 44 57.9 +0.8
AS01	Alice Springs	51.48 191	eP	P	01 44 57.0 -1.1
ASAR	Alice Springs	51.48 191	eP	P	01 44 57.4 -0.8
ASAR	comp-Z,3.6nm,0.8s,baz=12,slow=6.7,SNR=36		PcP	PcP	01 46 12.1 -0.3
ASAR	Alice Springs	51.48 191	eP	P	01 44 57.4 -0.8
ASAR	comp-Z,5.0nm,0.6s			pmax	01 46 12.1
ASAR	comp-Z,5.0nm,0.6s			pmax	
KOLN	Koldanda	52.50 285	eP	P	01 45 06.5 +0.3
PDGK	Podgomoye	53.27 305	iP	P	01 45 11.4 +0.1
PDGK	comp-Z,2.0nm,0.9s			pmax	
KDAX	Kodiak Island	53.58 37	eP	P	01 45 13.0 -0.3
KDAX	comp-Z,1.6nm,0.6s,baz=274,slow=3.2,SNR=6.1			pmax	
KDAX	Kodiak Island	53.58 37	eP	P	01 45 13.0 -0.3
KURK	Kurchatov	53.58 314	eP	P	01 45 14.0 +0.5
KURK	comp-Z,38nm,0.8s			pmax	
KURK	Kurchatov	53.58 314	eP	P	01 45 14.0 +0.5
KURB	Kurchatov Arra	53.64 314	eP	P	01 45 14.3 +0.4
DZM	Mont Dzumac	53.93 153	eP	P	01 45 15.7 -0.6
BPWA	Bear Paw Mtn	55.19 29	eP	P	01 45 25.2 +0.2
TRF	Thorfare Moun	55.20 30	eP	P	01 45 26.6 -0.1
MLY	Manley	55.44 28	eP	P	01 45 27.7 +0.8
PMR	Palmer	55.71 32	eP	P	01 45 28.1 -0.6
PMR	comp-Z,28nm,1.0s			pmax	
PMR	Palmer	55.71 32	eP	P	01 45 28.1 -0.6
RND	Reindeer	56.03 30	eP	P	01 45 31.0 -0.1
RND	comp-Z,22nm,0.7s			pmax	
RND	Reindeer	56.03 30	eP	P	01 45 31.0 -0.1
MCK	McKinley	56.03 30	eP	P	01 45 30.0 -1.1
MCK	comp-Z,28nm,1.0s			pmax	
MCK	McKinley	56.03 30	eP	P	01 45 30.0 -1.1
COLD	Coldfoot	56.04 25	eP	P	01 45 32.2 +1.2
SML	Sawmill	56.11 32	eP	P	01 45 31.2 -0.5
SML	comp-Z,8.0nm,1.0s			pmax	
SML	Sawmill	56.11 32	eP	P	01 45 31.2 -0.5
TKM2	Tokmak 2	56.15 305	iP	P	01 45 34.6 +2.1
TKM2	comp-Z,7.0nm,1.0s			pmax	
KSH	Kashi	56.36 301	eP	P	01 45 38.1 +4.1
KSH	comp-Z,20nm,0.9s			PMZ	
KSH	Kashi	56.36 301	eP	P	01 45 42.6 +4.7
KSH	comp-Z,190nm,5.1s			LN	
KSH	comp-Z,260nm,5.1s			LE	
KSH	comp-Z,210nm,4.7s			LZ	
MDM	Murphy Dome	56.49 28	eP	P	01 45 35.0 +0.7
WRH	Wood River Hill	56.49 29	eP	P	01 45 34.3 0.0
CCB	Clear Creek Bu	56.63 29	eP	P	01 45 35.8 +0.6
COLA	College	56.64 28	eP	P	01 45 36.0 +0.7
COLA	comp-Z,24nm,0.3s			pmax	
COLA	College	56.64 28	eP	P	01 45 36.0 +0.7
HDA	Harding Lake	56.97 29	eP	P	01 45 37.0 -0.7
AAK	Ala-Archa	56.99 305	eP	P	01 45 39.4 +1.0
AAK	comp-Z,17nm,1.4s			pmax	
IL1	Eielson Array	57.03 29	eP	P	01 45 37.0 -1.2
ILAR	Eielson Array	57.03 29	eP	P	01 45 37.2 -1.0
ILAR	comp-Z,17nm,0.9s,baz=280,slow=5.7,SNR=75			pmax	
ILAR	Eielson Array	57.03 29	eP	P	01 45 37.2 -1.0
KLU	Klutina	57.23 33	eP	P	01 45 40.5 +0.8
PAX	Paxson	57.52 31	eP	P	01 45 41.7 -0.1
PAX	comp-Z,42nm,1.6s			pmax	
PAX	Paxson	57.52 31	eP	P	01 45 41.7 -0.1
HARP	HAARP	57.64 32	eP	P	01 45 42.9 +0.4
OTUK	Ortayu	57.80 312	iP	P	01 45 43.9 0.0
OTUK	comp-Z,38nm,0.9s			pmax	
DOT	Dot Lake	58.19 30	eP	P	01 45 46.4 0.0
VOSK	Vostochnaya	58.26 317	eP	P	01 45 47.6 +0.6
VOSK	comp-Z,19nm,0.8s			pmax	
VOSK	Vostochnaya	58.26 317	eP	P	01 45 47.5 +0.6
CHKZ	Chkalovo	58.41 318	iP	P	01 45 48.2 +0.2
CHKZ	comp-Z,18nm,0.9s			pmax	
MNAS	Manas	58.47 305	iP	P	01 45 49.7 +0.9
MNAS	comp-Z,6.0nm,1.1s			pmax	
BVAR	Borovoye Array	58.59 317	eP	P	01 45 49.9 +0.6
BVAR	comp-Z,12nm,0.7s,baz=90,slow=8.2,SNR=33			pmax	
BVAR	Borovoye Array	58.59 317	eP	P	01 45 49.9 +0.6
BRVK	Borovoye	58.65 317	eP	P	01 45 49.8 +0.1
BRVK	comp-Z,23nm,1.1s			pmax	
BRVK	Borovoye	58.65 317	eP	P	01 45 50.1 +0.4
BRVK	comp-Z,59nm,0.8s,SNR=9.3			pmax	
BRVK	Borovoye	58.65 317	eP	P	01 45 49.8 +0.1
STKA	Stevens Creek	58.87 182	eP	P	01 45 50.7 -0.7
STKA	comp-Z,15nm,0.8s,baz=343,slow=7.8,SNR=24			pmax	
STKA	Stevens Creek	58.87 182	eP	P	01 45 50.7 -0.7
STKA	comp-Z,16nm,0.8s			pmax	
STKA	Stevens Creek	58.87 182	eP	P	01 45 50.8 -0.5
EGAK	Eagle	59.49 29	eP	P	01 45 54.6 -0.7
KK31	Karatay Array	59.80 306	eP	P	01 45 58.3 +0.4
KK31	comp-Z,22nm,0.8s			pmax	
KKAR	Karatay Array	59.80 306	eP	P	01 45 58.6 +0.7
KKAR	comp-Z,3.0nm,0.4s			pmax	
KKAR	Karatay Array	59.80 306	eP	P	01 45 58.6 +0.7
HYB	Hyderabad	60.16 275	iP	P	01 46 01.0 +0.3
BBOO	Buckleboo	60.18 187	eP	P	01 45 59.5 -0.9
DAWY	Dawson	60.26 30	eP	P	01 46 00.9 +0.2
DAWY	comp-Z,25nm,0.9s			pmax	
INK	Inuvik	62.41 25	eP	P	01 46 15.4 +0.3
INK	comp-Z,16nm,0.9s,baz=295,slow=6.0,SNR=46			ePcP	

2010 DEC

INK	Inuvik	62.41 25	eP	P	01 46 15.2 +0.1
INK	comp-Z,21nm,1.0s			pmax	
INK	Inuvik	62.41 25	eP	P	01 46 15.2 +0.1
KBL	Kabul	62.86 297	eP	P	01 46 19.7 +0.7
KBL	comp-Z,12nm,1.0s			pmax	
KBL	Kabul	62.86 297	eP	P	01 46 19.7 +0.7
SVE	Sverdlovsk	63.69 323	iP	P	01 46 25.2 +1.4
SVE	comp-Z,20nm,1.1s			pmax	
ARU	Arti	64.90 322	dIP	P	01 46 32.2 +0.5
ARU	comp-Z,21nm,1.0s			pmax	
ARU	Arti	64.90 322	dIP	P	01 46 32.2 +0.5
ARU	comp-Z,123nm,0.8s,SNR=8.0			SS	
ARU	Arti	64.90 322	dIP	P	01 46 32.2 +0.5
ARU	comp-Z,16nm,0.8s			SS	
ARU	Arti	64.90 322	dIP	P	01 46 32.2 +0.5
DLBO	Dezhnev Lake	65.44 35	eP	P	01 46 35.5 +0.1
DLBO	comp-Z,38nm,1.2s			pmax	
AB31	Akbulak array	65.69 314	eP	P	01 46 37.3 +0.3
AB31	comp-Z,4.8nm,0.7s,baz=61,SNR=8.8			pmax	
AB31	Akbulak array	65.69 314	eP	P	01 46 37.3 +0.3
AKTO	Aktyubinsk	66.61 316	eP	P	01 46 42.9 0.0
AKTO	comp-Z,5.0nm,0.7s			pmax	
AKTO	Aktyubinsk	66.61 316	eP	P	01 46 42.9 0.0
IMYA	Imya	69.29 301	eP	P	01 47 02.5 +2.3
GEYT	Geibek	70.26 303	eP	P	01 47 07.1 +1.1
GEYT	comp-Z,7.1nm,0.8s,baz=293,slow=2.7,SNR=8.8			pmax	
SPITS	Spitsbergen Ar	70.36 350	eP	P	01 47 06.8 +0.9
SPITS	comp-Z,5.5nm,0.7s,baz=25,slow=3.8,SNR=7.3			pmax	
SPITS	Spitsbergen Ar	70.36 350	eP	P	01 47 06.8 +0.9
SPITS	comp-Z,6.0nm,0.7s			pmax	
HSPB	Hornsund (broa	71.28 349	eP	P	01 47 10.6 -0.9
YKA	Yellowknife Ar	71.47 29	eP	P	01 47 12.5 -0.3
YKA	comp-Z,11nm,0.8s,baz=293,slow=5.8,SNR=11.0			pmax	
YKBS	Yellowknife Ar	71.47 29	eP	P	01 47 11.1 -1.7
IKOO	Kooshah	71.48 297	eP	P	01 47 15.6 +1.8
RES	Resolute Bay	71.62 14	eP	P	01 47 12.8 -0.7
RES	comp-Z,17nm,1.0s			pmax	
RES	Resolute Bay	71.62 14	eP	P	01 47 12.8 -0.7
TMCR	Tamitsa	72.11 334	eP	P	01 47 15.1 -1.5
TMCR	comp-Z,8.0nm,0.8s			pmax	
A04D	Lummi Island	72.46 44	eP	P	01 47 19.9 +0.9
A04D	comp-Z,2.8nm,1.0s			pmax	
A05A	Maple Falls	72.74 43	eP	P	01 47 21.4 +0.7
A05A	comp-Z,2.9nm,1.0s			pmax	
KLMR	Klimovskoe	72.92 330	eP	P	01 47 19.6 -1.9
KLMR	comp-Z,21nm,0.8s			pmax	
KLMR	Klimovskoe	72.92 330	eP	P	01 47 19.6 -1.9
B05A	Bryant	73.01 44	eP	P	01 47 23.1 +0.8
F04D	Rainier, OR	73.25 47	eP	P	01 47 24.1 +0.4
F04D	comp-Z,7.9nm,0.9s,baz=64,slow=5.5,SNR=8.7			pmax	
ARCES	ARCES Array B	73.69 341	eP	P	01 47 26.4 +0.5
ARCES	comp-Z,2.9nm,1.0s			pmax	
ARCES	ARCES Array B	73.69 341	eP	P	01 47 26.4 +0.5
F04A	Amboy	73.69 46	eP	P	01 47 27.5 +1.2
F04A	comp-Z,31nm,1.0s			pmax	
C06D	Leavenworth	73.88 44	eP	P	01 47 27.9 +0.3
C06D	comp-Z,74nm,1.0s			pmax	
I03D	Drain, OR	73.92 49	eP	P	01 47 28.8 +1.0
I03D	comp-Z,2.9nm,6.2			pmax	
LTJ	Liberty	74.28 45	eP	P	01 47 30.6 +0.6
LTJ	comp-Z,11nm,1.0s			pmax	
H04A	Detroit Lake	74.32 48	eP	P	01 47 31.1 +1.0
H04A	comp-Z,2.9nm,1.0s			pmax	
L02D	Cave Junction,	74.34 50	eP	P	01 47 30.2 -0.1
L02D	comp-Z,2.9nm,1.0s			pmax	
NAC	Naches	74.39 45	eP	P	01 47 31.5 +1.0
IBAF	Batfag	74.50 298	eP	P	01 47 32.2 +0.7
I04A	Tendick Farm,	74.51 49	eP	P	01 47 31.2 -0.1
I04A	comp-Z,74nm,1.0s			pmax	
VFP	Flag Point	74.54 47	eP	P	01 47 32.6 +1.0
WTV	Waterville	74.56 44	eP	P	01 47 31.9 +0.4
HUMO	Hull Mountain	74.61 50	eP	P	01 47 32.2 +0.3
HUMO	comp-Z,39nm,2.5s			pmax	
ISHM	Shahmirzay	74.63 303	eP	P	01 47 34.0 +1.6
G05D	Wamic, OR	74.67 47	eP	P	01 47 32.2 +0.1
G05D	comp-Z,74nm,1.0s			pmax	
B08A	Colville Reser	74.67 43	eP	P	01 47 32.6 +0.5
B08A	comp-Z,2.9nm,0.9s			pmax	
SAW	Saint Andrews	74.90 44	eP	P	01 47 33.9 +0.4
J04D	Umpqua Nationa	74.93 49	eP	P	01 47 34.1 +0.2
J04D	comp-Z,75nm,1.0s			pmax	
I05D	Terrebonne, OR	75.01 48	eP	P	01 47 34.3 +0.1
I05D	comp-Z,75nm,1.0s			pmax	
E07A	Sunnyside	75.08 45	eP	P	01 47 35.3 +0.8
E07A	comp-Z,2.9nm,1.0s			pmax	
IFIR	Firoozkooh	75.10 303	eP	P	01 47 36.3 +1.2

23d 1h

GNI	Garni	78.99	309	eP	P	01 47 55.8	-1.0
CHMT	Chamberlain Mo	79.00	43	eP	P	01 47 56.1	-0.7
MFID	Camas Ranch	79.01	47	eP	P	01 47 57.2	+0.4
AKH	Akhalkalaki	79.28	311	P	P	01 48 01.1	+2.8
AKH	Akhalkalaki	79.28	311	P	P	01 48 01.2	+2.8
BMN	Battle Mountain	79.43	50	eP	P	01 47 59.5	+0.3
BMN	Battle Mountain	79.43	50	eP	P	01 47 59.5	+0.3
NV01	Mina Array Sit	79.58	52	eP	P	01 48 00.6	+0.4
NVAR	Mina Array Bea	79.58	52	eP	P	01 48 00.2	+0.1
CHVG	Ch'k'valeri	79.61	313	P	P	01 48 01.1	+1.2
VSU	Vasula	79.71	331	iP	P	01 48 00.4	+0.3
HLID	Hailey	79.85	46	P	P	01 48 01.9	+0.5
HLID	Hailey	79.85	46	P	P	01 48 01.5	+0.1
HRY	Holter Researc	79.95	42	eP	P	01 48 02.5	+0.6
IVIS	Veis	79.97	304	eP	P	01 48 02.0	-0.2
LRM	Limekiln Ridge	80.01	44	eP	P	01 48 02.8	+0.4
DLMT	Dillon	80.14	44	eP	P	01 48 03.5	+0.6
MCST	Vestal, Richgr	80.17	55	P	P	01 48 02.6	-0.5
YES	McKenzie Canyo	80.24	45	eP	P	01 48 03.3	-0.4
SBC	Santa Barbara	80.33	56	P	P	01 48 03.8	-0.1
LCCM	Lewis and Clar	80.35	43	P	P	01 48 04.8	+0.7
SUMG	Summit	80.38	1	iP	P	01 48 05.3	+1.3
SUMG	Summit	80.38	1	iP	P	01 48 04.4	+0.4
EGMT	Eagleton	80.53	41	P	P	01 48 04.9	0.0
EGMT	Eagleton	80.53	41	eP	P	01 48 05.3	+0.4
BSC	Santa Cruz Isl	80.58	57	P	P	01 48 05.7	+0.3
BOZ	Bozeman (W)	80.60	43	eP	P	01 48 06.1	+0.7
BOZ	Bozeman (W)	80.60	43	eP	P	01 48 04.7	-0.7
BOZ	Bozeman (W)	80.60	43	eP	P	01 48 06.1	+0.7
ELK	Elko	80.63	49	eP	P	01 48 06.3	+0.5
ELK	Elko	80.63	49	eP	P	01 48 06.3	+0.5
ARVC	Arvin	80.67	55	P	P	01 48 05.4	-0.4
GRAC	Grapevine Rang	80.88	53	P	P	01 48 06.6	-0.4
BLG	Laguna Peak	80.96	56	P	P	01 48 07.5	+0.1
FFC	Flin Flon	81.02	32	eP	P	01 48 07.3	0.0
FFC	Flin Flon	81.02	32	eP	P	01 48 07.3	0.0
FFC	Flin Flon	81.02	32	eP	P	01 48 07.3	0.0
QLMT	Earthquake Lak	81.12	44	eP	P	01 48 09.1	+0.8
EDW2	Edwards Air Fo	81.40	55	P	P	01 48 09.0	-0.8
FURC	Furnace Creek,	81.49	53	P	P	01 48 09.9	-0.2
YMR	Madison River	81.49	44	eP	P	01 48 12.0	+1.7
R11A	Troy Canyon, C	81.51	51	P	P	01 48 10.4	0.0
R11A	Troy Canyon, C	81.51	51	eP	P	01 48 10.6	+0.2
ANN	Anapa	81.57	316	eP	P	01 48 09.5	-0.8
IDID	Didziasalis	81.58	329	eP	IAMB	01 48 11.1	+0.9
IDID	Didziasalis	81.58	329	eP	IAMB	01 48 11.8	
YNR	Norris Junctio	81.64	44	eP	P	01 48 13.3	+2.2
YFT	Old Faithful	81.68	44	eP	P	01 48 13.7	+2.4
TPNV	Topopah Spring	81.70	53	P	P	01 48 11.5	0.0
ISAL	Salakas	81.70	329	eP	IAMB	01 48 11.7	+0.9
ISAL	Salakas	81.70	329	eP	IAMB	01 48 12.5	
FMP	Fort Macarthur	81.71	56	P	P	01 48 11.7	+0.4
GCMT	Greycliff	81.72	43	eP	P	01 48 12.4	+1.1
CIS	Catalina Islan	81.77	57	P	P	01 48 11.5	-0.2
HVU	Hansel Valley	81.77	47	eP	P	01 48 11.3	-0.4
HVU	Hansel Valley	81.77	47	eP	P	01 48 11.3	-0.4
NACGM	Naroch	81.80	329	eP	P	01 48 11.0	-0.4
H17A	Grant Village	81.87	44	P	P	01 48 12.1	-0.2
H17A	Grant Village	81.87	44	eP	P	01 48 14.6	+2.3
LKWY	Lake	81.89	44	eP	P	01 48 14.9	+2.4
LKWY	Lake	81.89	44	eP	P	01 48 14.9	+2.4
IMW	Indian Meadow	81.89	45	eP	P	01 48 13.4	+0.9
BFSC	Mount Baldy Ra	81.94	56	P	P	01 48 12.3	-0.4
FLWY	Flagg Ranch	81.95	44	eP	P	01 48 13.7	+1.0
BGU	Big Grassy Mou	82.01	48	eP	P	01 48 12.7	-0.3
GSC	Goldstone	82.07	54	eP	P	01 48 13.3	0.0
GSC	Goldstone	82.07	54	P	P	01 48 13.3	0.0
GSC	Goldstone	82.07	54	eP	P	01 48 13.3	0.0
TBI	Tubuai	82.11	121	eLR	LR	02 13 39.0	
SHOC	Shoshone	82.17	54	P	P	01 48 13.9	+0.2
REDW	Red Top Meadow	82.22	45	eP	P	01 48 15.3	+1.1
RLMT	Red Lodge	82.30	43	P	P	01 48 14.8	+0.2
RLMT	Red Lodge	82.30	43	eP	P	01 48 15.3	+0.8
AHD	Auburn Hatcher	82.36	46	eP	P	01 48 15.3	+0.5
DUG	Dugway	82.52	49	eP	P	01 48 16.2	+0.5
DUG	Dugway	82.52	49	eP	P	01 48 16.2	+0.5
DUG	Dugway	82.52	49	eP	P	01 48 16.2	+0.5
MURC	Murrieta	82.57	56	P	P	01 48 16.3	+0.4
HEC	Hector Ludlow	82.63	55	P	P	01 48 16.7	+0.4
HWUT	Hardware Ranch	82.64	47	eP	P	01 48 16.9	+0.6
TUQ	Turquoise Moun	82.64	54	P	P	01 48 16.8	+0.4
SHPR	Sheep Range	82.68	53	eP	P	01 48 17.0	+0.3
109C	Camp Elliot, M	82.97	57	P	P	01 48 18.3	+0.4
CTU	Camp Tracy	82.97	48	eP	P	01 48 16.9	-1.2

2010 DEC

AKASG	Malin Array B	83.06	324	P	P	01 48 17.8	-0.2
AKASG	Malin Array Be	83.06	324	P	P	01 48 17.8	-0.2
KIEV	Kiev	83.07	324	eP	P	01 48 17.9	-0.2
KIEV	Kiev	83.07	324	eP	P	01 48 17.9	-0.2
PFO	Pinyon Flat Ob	83.11	56	P	P	01 48 18.8	0.0
NLU	North Lily Min	83.13	49	eP	P	01 48 19.3	+0.4
BELC	Belle Mtn. Js	83.26	55	P	P	01 48 19.6	0.0
LAO	LASA Array	83.27	41	P	P	01 48 20.0	+0.6
LAO	LASA Array	83.27	41	eP	P	01 48 19.8	+0.4
BW06	Boulder Array	83.33	45	eP	P	01 48 19.9	-0.1
PDAR	Pinedale Array	83.33	45	eP	P	01 48 19.9	-0.1
LDFC	Landfair	83.40	54	eP	P	01 48 20.6	+0.3
CCUT	Cococ City	83.44	51	eP	P	01 48 21.5	+0.9
DGMT	Dagmar	83.44	38	P	P	01 48 20.5	+0.4
DGMT	Dagmar	83.44	38	eP	P	01 48 20.1	-0.1
SIM	Simferopol'	83.51	318	eP	P	01 48 23.9	+3.4
HFS	Hagfors	83.64	337	P	P	01 48 20.6	-0.3
HFS	Hagfors	83.64	337	P	P	01 48 20.6	-0.3
A25A	Svagsstov Ranch	83.76	37	P	P	01 48 22.5	+0.7
MSU	Marysval	83.78	50	eP	P	01 48 23.6	+1.3
MSU	Marysval	83.78	50	eP	P	01 48 23.6	+1.3
NB2	NORSAR Subarra	83.80	339	P	P	01 48 21.4	-0.3
NOA	NORSAR Array B	83.80	339	P	P	01 48 21.7	0.0
NOA	NORSAR Array B	83.80	339	P	P	01 48 21.7	0.0
IRM	Iron Mountain	83.81	55	P	P	01 48 22.6	+0.3
BC3	Big Chuckwall	83.83	55	P	P	01 48 22.9	+0.4
IBP	Imperial Bould	83.83	57	P	P	01 48 22.8	+0.3
SUW	Suwalki	84.01	329	eP	P	01 48 22.6	-0.3
SUW	Suwalki	84.01	329	eP	P	01 48 22.7	-0.2
B25A	Knox Farm, Ray	84.12	38	P	P	01 48 24.0	+0.4
MALT	Malatya	84.18	310	iP	P	01 48 26.2	+2.0
MALT	Malatya	84.18	310	iP	P	01 48 26.2	+2.0
A26A	Wade Farm, Ken	84.36	37	P	P	01 48 25.0	+0.1
C25A	Freed Ranch, W	84.38	39	P	P	01 48 25.5	+0.5
Y12C	Blythe	84.46	55	P	P	01 48 26.0	+0.4
P18A	Preston Nutter	84.51	48	eP	P	01 48 26.9	+0.7
SRU	San Rafael	84.59	49	eP	P	01 48 26.2	-0.2
SRU	San Rafael	84.59	49	eP	P	01 48 26.2	-0.2
SRU	San Rafael	84.59	49	eP	P	01 48 26.2	-0.2
D25A	Fairfield	84.67	39	P	P	01 48 26.7	+0.3
C26A	Wahner Farm, P	84.96	38	P	P	01 48 27.9	0.0
E25A	Miller Ranch,	85.00	40	P	P	01 48 27.6	-0.5
D26A	Manning	85.23	39	P	P	01 48 29.3	0.0
F25A	Bowman	85.29	40	P	P	01 48 30.3	+0.6
K22A	Casper	85.29	44	P	P	01 48 30.1	+0.2
K22A	Casper	85.29	44	eP	P	01 48 30.0	+0.2
A28A	Rude Farm, Bot	85.30	36	P	P	01 48 29.2	-0.3
C27A	Saylor Ranch,	85.35	38	P	P	01 48 30.5	+0.7
SFJD	Kangerlussuaq	85.40	5	P	P	01 48 28.4	-1.2
SFJD	Kangerlussuaq	85.40	5	P	P	01 48 28.4	-1.2
SFJD	Kangerlussuaq	85.40	5	iP	P	01 48 30.3	+0.7
SFJD	Kangerlussuaq	85.40	5	eP	P	01 48 29.4	-0.2
B28A	Dugan Ranch, T	85.53	37	P	P	01 48 31.3	+0.6
E26A	Carlson Angus	85.54	39	P	P	01 48 31.0	+0.2
O20A	White River Ci	85.56	47	P	P	01 48 31.1	-0.1
O20A	White River Ci	85.56	47	eP	P	01 48 31.6	+0.4
G25A	Newell	85.73	41	P	P	01 48 32.3	+0.4
F26A	Lodgepole	85.78	40	P	P	01 48 32.2	+0.2
PV09	Paradox Valley	85.83	49	eP	P	01 48 33.4	+0.7
A29A	Manning Farm,	85.83	36	P	P	01 48 32.9	+0.7
WUAZ	Wupatki	85.84	52	P	P	01 48 32.5	-0.2
WUAZ	Wupatki	85.84	52	eP	P	01 48 33.4	+0.7
C28A	Hausauer Farms	85.95	37	P	P	01 48 33.4	+0.6
H25A	Fruitdale	85.95	41	P	P	01 48 32.7	-0.2
PV10	Paradox Valley	85.96	49	eP	P	01 48 34.0	+0.6
RSSD	Black Hills	85.98	42	eP	P	01 48 33.4	+0.1
RSSD	Black Hills	85.98	42	eP	P	01 48 33.4	+0.1
RAYN	Ar Rayn	86.01	294	P	P		

1255

G32A	Webster	89.04	38	P	P	01 48 47.9 +0.1
E33A	Westby DABS, E	89.05	36	P	P	01 48 48.1 +0.3
D34A	Park Rapids	89.10	36	P	P	01 48 48.4 +0.4
OKC	Ostrava-Krasne	89.11	328	eP	P	01 48 48.0 +0.1
OKC	Ostrava-Krasne	89.11	328	eP	P	01 48 48.0 +0.1
J30A	Dallas	89.11	40	P	P	01 48 48.4 +0.3
I31A	Royce, Wessing	89.23	40	P	P	01 48 49.0 +0.3
F33A	5 Mile Ranch,	89.32	37	P	P	01 48 49.7 +0.7
MORC	Moravsky Berou	89.44	328	iP	P	01 48 49.7 +0.2
MORC	Moravsky Berou	89.44	328	iP	P	01 48 49.7 +0.2
K30A	Basset	89.44	41	P	P	01 48 50.1 +0.4
HSIG		89.47	57	eP	P	01 48 50.2 +0.1
N28A	Pribbeno Ranch	89.48	44	P	P	01 48 50.2 +0.2
E34A	Wadena	89.48	36	P	P	01 48 49.6 -0.2
H32A	Carlson Farm,	89.55	39	P	P	01 48 49.8 -0.3
ANMO	Albuquerque	89.55	50	eP	P	01 48 51.4 +0.8
ANMO		89.55	50	eP	P	01 48 51.4 +0.8
J31A	Geddes	89.57	40	P	P	01 48 50.4 +0.1
DPC	Dobruska-Polom	89.60	329	eP	P	01 48 50.4 +0.1
DPC	Dobruska-Polom	89.60	329	eP	P	01 48 50.4 +0.1
O28A	Krutsinger Ran	89.67	44	P	P	01 48 51.0 +0.1
D35A	Remer	89.69	35	P	P	01 48 51.0 +0.2
T25A	Trinidad	89.71	48	P	P	01 48 51.4 +0.1
Y22D	IRIS PASCAL I	89.71	51	P	P	01 48 51.5 +0.3
H33A	Prehn Over Nor	89.82	38	P	P	01 48 51.9 +0.5
C36A	Pine Crest Far	89.85	34	P	P	01 48 51.9 +0.4
E35A	Pequot Lakes	89.85	36	P	P	01 48 51.8 +0.3
121A	Cookes Peak, D	89.94	53	P	P	01 48 53.2 +0.8
121A	Cookes Peak, D	89.94	53	eP	P	01 48 53.2 +0.8
N29A	Votaw Ranch, W	89.96	43	P	P	01 48 52.2 0.0
K31A	O'Neill	89.97	41	P	P	01 48 52.1 -0.1
M30A	Dale-Ortello V	89.98	42	P	P	01 48 52.1 -0.1
P28A	Saint Francis	90.00	45	P	P	01 48 52.2 -0.3
J32A	Parkston	90.03	40	P	P	01 48 52.4 0.0
G34A	Benson	90.06	37	P	P	01 48 53.7 +1.3
D36A	Goodland	90.08	35	P	P	01 48 53.9 +1.4
L31A	Butterfield Fa	90.20	41	P	P	01 48 53.6 +0.3
VRAC	Vranov	90.20	328	P	P	01 48 53.0 -0.1
VRAC	Vranov	90.20	328	P	P	01 48 53.0 -0.1
F35A	Swanville	90.22	36	P	P	01 48 53.6 +0.3
Q28A	Sharon Springs	90.26	45	P	P	01 48 53.8 +0.2
H34A	Spellman Lake,	90.36	38	P	P	01 48 54.5 +0.6
CLL	Collim	90.37	331	iP	P	01 48 53.0 -0.8
CLL		90.37	331	iP	P	01 48 53.0 -0.8
K32A	Verdigre	90.40	40	P	P	01 48 53.9 -0.2
D37A	Cotton	90.46	34	P	P	01 48 55.4 +1.1
E36A	McGregor	90.47	35	P	P	01 48 54.4 +0.1
ECSD	EROS Data Cent	90.49	39	P	P	01 48 54.7 +0.1
ECSD	EROS Data Cent	90.49	39	eP	P	01 48 54.8 +0.3
P29A	Atwood	90.50	44	P	P	01 48 54.7 -0.1
J33A	Davis	90.56	39	P	P	01 48 55.1 +0.2
M31A	Lambtech Ranc	90.63	42	P	P	01 48 55.0 -0.3
C38A	Sawbill Land.	90.65	33	P	P	01 48 55.1 -0.1
O30A	MW Ranch, Wils	90.69	43	P	P	01 48 55.6 +0.1
G35A	Watkins	90.69	37	P	P	01 48 56.1 +0.7
R28A	Tribune	90.69	46	P	P	01 48 56.0 +0.3
I34A	Hadley	90.72	38	P	P	01 48 55.9 +0.3
TREC	Trest	90.73	329	eP	P	01 48 55.4 -0.1
TREC	Trest	90.73	329	eP	P	01 48 55.4 -0.1
F36A	Milaca	90.77	36	P	P	01 48 56.1 +0.3
H35A	Sunnyside Ranc	90.85	37	P	P	01 48 56.9 +0.7
Q29A	Oakley	90.89	45	P	P	01 48 56.5 -0.1
P30A	Selden	90.95	44	P	P	01 48 56.8 0.0
N31A	Bailey Ranch,	90.96	42	P	P	01 48 56.5 -0.4
K33A	Hardington	90.99	40	P	P	01 48 57.5 +0.6
G36A	St. Michael	91.07	36	P	P	01 48 57.9 +0.8
BGNE	Belgrade	91.08	41	P	P	01 48 57.8 +0.4
S28A	Manter	91.08	46	P	P	01 48 58.2 +0.7
J34A	George	91.15	39	P	P	01 48 57.1 -0.5
O31A	Woolen Ranch,	91.15	43	P	P	01 48 57.6 -0.1
Q30A	Quinter	91.31	44	P	P	01 48 58.0 -0.6
I35A	Creekview Farm	91.31	38	P	P	01 48 57.9 -0.5
PKSM	Moray	91.35	325	iP	P	01 48 57.8 -0.6
PKSM	Moray	91.35	325	iP	P	01 48 57.8 -0.6
H36A	Jessenland, He	91.41	37	P	P	01 48 59.3 +0.5
K34A	Le Mars	91.45	39	P	P	01 48 58.3 -0.7
P31A	Stockton	91.50	43	P	P	01 48 59.1 -0.3
CONA	Conrad Observa	91.52	328	iP	P	01 48 59.1 -0.3
SPMN	St. Paul	91.58	36	P	P	01 48 59.9 -0.6
SPMN	St. Paul	91.58	36	eP	P	01 48 59.7 +0.1
R30A	Dighton	91.70	45	P	P	01 48 59.5 -0.8
KHC	Kasperske Hory	91.71	330	eP	P	01 48 59.6 -0.6
KHC		91.71	330	eP	P	01 48 59.5 -0.6
KHC	Kasperske Hory	91.71	330	eP	P	01 48 59.5 -0.6
KHC	Kasperske Hory	91.71	330	eP	P	01 48 59.5 -0.6
O32A	Brockman Farm,	91.71	42	P	P	01 49 00.0 -0.3
T29A	Hugoton	91.72	46	P	P	01 48 59.8 -0.7
L34A	Svensden Farm,	91.75	40	P	P	01 49 00.4 -0.1

2010 DEC

GERES	GERESS Array B	91.87	329	P	P	01 49 00.1 -0.8
GERES	GERESS Array B	91.87	329	P	P	01 49 00.2 -0.8
GERES		91.87	329	P	P	01 49 00.2 -0.8
P32A	Huiting Farm,	91.91	43	P	P	01 49 00.5 -0.7
K35A	Storm Lake	91.92	39	P	P	01 49 00.8 -0.4
H37A	Dier Farm, C	91.95	36	P	P	01 49 01.5 +0.2
J36A	Seneca 1, Swea	92.01	38	P	P	01 49 01.6 0.0
I37A	Lemond, Waseca	92.07	37	P	P	01 49 02.3 +0.5
MNTX	Cornudas Mount	92.10	53	P	P	01 49 02.9 +0.7
MNTX	Cornudas Mount	92.10	53	eP	P	01 49 02.8 +0.6
R31A	Burdett	92.16	44	P	P	01 49 02.8 +0.4
O33A	Hebron	92.24	42	P	P	01 49 02.4 -0.4
T30A	Plains	92.28	46	P	P	01 49 03.6 +0.5
Q32A	Meitler Ranch,	92.33	43	P	P	01 49 03.0 -0.2
K36A	Gillmore City	92.41	39	P	P	01 49 03.2 -0.3
J37A	Redenius Farm,	92.46	38	P	P	01 49 03.1 -0.5
M35A	Neola	92.47	40	P	P	01 49 03.4 -0.4
U30A	WK&E Inc. Balk	92.51	46	P	P	01 49 04.1 0.0
P33A	Williams Farm,	92.58	43	P	P	01 49 03.8 -0.6
R32A	Long Quarter,	92.59	44	P	P	01 49 04.3 -0.1
S31A	Mullinville	92.60	45	P	P	01 49 04.6 +0.1
MSTX	Muleshoe	92.61	50	P	P	01 49 05.2 +0.5
MSTX	Muleshoe	92.61	50	eP	P	01 49 06.1 +1.4
I38A	Scanlan Farm,	92.62	37	P	P	01 49 04.8 +0.4
L36A	Harm Buss Farm	92.64	39	P	P	01 49 05.1 +0.6
O34A	Beatrice	92.71	42	P	P	01 49 05.2 +0.3
Q33A	Connelly Farm,	92.77	43	P	P	01 49 05.3 +0.1
K37A	Belmond	92.77	38	P	P	01 49 05.5 +0.3
T31A	Randall Ranch,	92.79	46	P	P	01 49 05.7 +0.3
SOKA	Soboth	92.81	327	iP	P	01 49 04.8 -0.5
AMTX	Amarillo	92.81	48	P	P	01 49 06.2 +0.6
AMTX	Amarillo	92.81	48	eP	P	01 49 05.9 +0.3
N35A	Talbot	92.89	41	P	P	01 49 06.3 +0.6
S32A	Newby Ranch, P	92.89	45	P	P	01 49 06.1 +0.3
V30A	Spur Ranch, Mi	92.94	47	P	P	01 49 06.0 -0.1
M36A	Felix, Anita	92.98	40	P	P	01 49 06.3 +0.1
P34A	Walnut Farm, R	93.03	42	P	P	01 49 06.0 -0.4
J38A	Wedel Dairy, R	93.03	37	P	P	01 49 05.7 -0.6
R33A	Olander Ranch,	93.11	44	P	P	01 49 07.0 +0.2
O35A	Humboldt	93.11	41	P	P	01 49 06.6 -0.1
U31A	Nine Bar Ranch	93.12	46	P	P	01 49 06.3 -0.6
L37A	Phoenix Point,	93.13	39	P	P	01 49 06.2 -0.6
T32A	Huddler Ranch,	93.22	45	P	P	01 49 07.0 -0.3
K38A	Parkersburg	93.33	38	P	P	01 49 07.2 -0.5
Q34A	Chapman	93.36	43	P	P	01 49 08.1 +0.2
M37A	Trindle Farm,	93.44	39	P	P	01 49 08.4 +0.1
KSU1	Kansas State U	93.44	42	P	P	01 49 07.5 -0.8
KSU1	Kansas State U	93.44	42	eP	P	01 49 08.4 +0.1
V31A	Spring Creek L	93.49	47	P	P	01 49 07.7 +0.1
P35A	Duane Minner,	93.52	42	P	P	01 49 08.2 -0.5
R34A	Isabella, Hill	93.56	43	P	P	01 49 09.2 +0.3
SCIA	State Center	93.58	39	eP	P	01 49 09.4 +0.6
U32A	Winter Ranch,	93.66	46	P	P	01 49 09.6 +0.2
O36A	Bolckow	93.75	41	P	P	01 49 10.0 +0.3
W31A	Holland Ranch,	93.78	47	P	P	01 49 10.4 +0.4
N37A	Lee Faris, Mou	93.78	40	P	P	01 49 10.1 +0.3
M38A	Pleasantville	93.92	39	P	P	01 49 11.0 +0.6
Y30A	Stafford Cattl	93.93	49	P	P	01 49 11.2 +0.5
Q35A	Mercer Eighty,	93.94	42	P	P	01 49 11.0 +0.4
P36A	Good Intent, A	93.94	41	P	P	01 49 11.1 +0.5
S34A	Willow Spring	94.02	44	P	P	01 49 11.5 +0.5
V32A	Arapaho	94.03	46	P	P	01 49 11.6 +0.5
X31A	McDonald Ranch	94.09	48	P	P	01 49 11.8 +0.4
Z30A	Sanderson Ranc	94.12	49	P	P	01 49 11.9 +0.3
SCHO	Schefferville	94.18	17	P	P	01 49 10.6 -0.8
R35A	Emporia Munic	94.19	43	P	P	01 49 12.5 +0.8
U33A	Lingo Farm, Me	94.19	45	P	P	01 49 11.6 -0.2
O37A	Wolven Farm, M	94.20	40	P	P	01 49 12.1 +0.3
W32A	Sentinel	94.27	47	P	P	01 49 12.6 +0.4
Y31A	Rekieta Farm,	94.30	48	P	P	01 49 12.4 0.0
N38A	Joe South For	94.31	39	P	P	01 49 12.4 +0.2
T34A	McClaskey Farm	94.40	44	P	P	01 49 12.5 -0.2
V33A	Lossen Ranch,	94.46	46	P	P	0

Table with columns: SFTF, comp=N, 46nm, 0.2s, eSg, Sg, 01 37 24.9 +0.7, etc. Lists various stations and their coordinates.

Table with columns: MOA, Mollin, 4.56 116 Pn, Pn, 01 37 07.2 +2.2, etc. Lists various stations and their coordinates.

Table with columns: ROSF, Rostrenen, 7.68 262 ePn, Pn, 01 37 49.1 +1.3, etc. Lists various stations and their coordinates.

DDA 23 01:40:12.7, 40:12N-24:76E, h11km, M1.4, ISCJB 23 01:40:15.0, 0.5, 40:08N-01:24:79E, 0.01, h10km, 3km, mb3.8/14, Error ellipse: s-maj=1.8km s-min=1.5km az=5.4

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

Table with columns: Code, Station Name, Az, Phase, ID, h, m, s, Res, ISC. Includes stations like CSS Prodhromos, AKASO Malin Array, DAVOX Davos/Dischmat, etc.

BUI 23 01:44:25.0, 26:97N, 143:82E, h5km, mb4.6/36, mB4.9/29, Ms4.6/15, Ms7.4/3/5

ICD 23 01:44:29.5, 0.4, 27:21N, 143:45E, h0km, mb4.4/34, mb1.4/0.37, mb1mx4.5/50, mbtmp4.4/37, ML3.8/3, Error ellipse: s-maj=1.1km s-min=1.1km az=90.0

MOS 23 01:44:29.4, 0.1, 27:20N, 143:33E, h10km, mb4.7/49, Error ellipse: s-maj=11.6km s-min=5.8km az=112.4

ISCB 23 01:44:30.2, 0.2, 27:30N, 0.04, 143:34E, h10km, mb4.6/102, MS4.5/1, Error ellipse: s-maj=5.7km s-min=3.7km az=166.0

JMA 23 01:44:30.7, 0.1, 27:43N, 143:44E, h18km NEIC 23 01:44:31.4, 0.2, 27:20N, 143:35E, h10km, mb4.9/59, Error ellipse: s-maj=5.3km s-min=4.3km az=173.0

ISC 23 01:44:31.2, 0.4, 27:19N, 0.06, 143:42E, h0.05, h10km, n225, e+117/241, mb4.7/104, 2C-2D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, h, m, s, Res, ISC. Includes stations like JCJ Chichijima, CBJ Chichi jima, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, h, m, s, Res, ISC. Includes stations like ULN Ulanbaatar, SONA Songino Array, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, h, m, s, Res, ISC. Includes stations like VOSK Vostochnaya, BVAR Borovoye Array, STKA Stephens Creek, etc.

23d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various numerical values. Includes stations like FFC, QLMT, YMR, YNR, YFT, etc.

NIED 23 01:46:20.77:30N:143:50E, h3km, Mw4.7 Best double couple... MOS 23 01:46:24.8:0.8, 27:15N:143:41E, h10km, mb5.2/77, Error ellipse: s-maj=7.9km s-min=5.1km az=104.4...

2010 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, and various numerical values. Includes stations like CBJJ, CBJJ, CBJJ, etc.

1260

Table with columns: XAN, LE, LZ, SUJI, QIZ, GYA, etc. and various numerical values. Includes stations like XAN, SUJI, QIZ, GYA, etc.

23d 1h

2010 DEC

1262

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KIV, SLMT, NEY, GNI, CHMT, MFID, BMN, MLAC, NV01, NVAR, VSU, SMMC, RCTC, HLID, HLID, LRM, PKM, DLMT, VES, MCMT, SUMG, SUMG, SUMG, EGMT, BSC, BOZ, BOZ, BOZ, ELK, ELK, ARVC, GRAC, SNCG, FFC, FFC, FFC, DAC, DAC, DAC, QLMT, LRM, EDW, FURC, YMR, R11A, ANN, ANN, YNR, YFT, TPNV, FMP, GCMT, CIS, HVU, HVU, NACGM, SCI, H17A, H17A, LKWY, LKWY, IMW, BFSC, FLWY, FCC, FCC, BGU, GSC, GSC, GSC, TBI, SHOC, REDW, RLMT, RLMT, AHID, DUG, DUG.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DUG, MURC, HEC, TUQ, HWUT, SHPR, AKASG, AKASG, KIEV, KIEV, PFO, PFO, AK11, NLU, BELC, LAO, LAO, BW06, PDAR, CCUT, DGMT, A25A, MSU, MSU, IRM, NB2, NOA, NOA, BC3, IBP, SWSC, TMUT, B25A, A26A, C25A, Y12C, P18A, B26A, SRU, SRU, D25A, C26A, E25A, B27A, D26A, K22A, K22A, F25A, A28A, C27A, SFJD, SFJD, B28A, E26A, O20A, O20A, G25A, F26A, PV09, WUAZ, WUAZ, A29A, C28A, H25A, PV10, RSSD, RSSD, RAYN, RAYN, RAYN, B29A, E27A, PV05, F27A, G26A, I25A, MDND, MDND, E28A, G27A, 212A, B30A, N23A.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N23A, BRTR, BRTR, PHWY, ULM, ULM, I26A, H27A, F28A, MVCO, MVCO, B31A, C30A, J26A, BU04, E29A, BR231, I27A, W18A, D30A, G28A, A32A, C31A, F29A, ISCO, ISCO, E30A, B32A, J27A, G29A, I28A, S22A, S22A, D31A, A33A, F30A, TUC, TUC, TUC, STHS, STHS, H29A, AGMN, AGMN, E31A, J28A, B33A, Q24A, G30A, I29A, F31A, C33A, K28A, B34A, J29A, SDCO, D33A, SUSD, I30A, F32A, C34A, B35A, G32A, E33A, D34A, J30A, C35A, F33A, K30A, N28A, H32A, ANMO, ANMO, J31A, DPC, DPC, O28A, D35A, T25A, KSCO, H33A, C36A, E35A, F34A, 121A, 121A, K31A, M30A.

1263 2010 DEC 23d 1h

P28A	Saint Francis	90.03	45	P	P	01 59 26.7	-0.3	K38A	Parkersburg	93.35	38	P	P	01 59 43.1	+0.8	X35A	Drake	96.21	46	P	P	01 59 55.4	-0.1
G34A	Benson	90.08	37	P	P	01 59 27.1	0.0	Q34A	Chapman	93.38	43	P	P	01 59 43.0	+0.5	W36A	Wetumka	96.22	45	P	P	01 59 55.3	-0.3
D36A	Goodland	90.10	35	P	P	01 59 27.3	+0.2	M37A	Trindle Farm,	93.47	39	P	P	01 59 43.2	+0.4	332A	Millersview	96.22	50	P	P	01 59 55.5	-0.2
L31A	Butterfield Fa	90.22	41	P	P	01 59 27.5	-0.3	KSU1	Kansas State U	93.47	42	P	P	01 59 43.2	+0.3	Z34A	Collier Ranch,	96.23	48	P	P	01 59 55.4	-0.2
C37A	Embarrass	90.22	34	P	P	01 59 27.0	-0.6	KSU1	Kansas State U	93.47	42	eP	P	01 59 42.6	-0.2	S39A	Bolivar	96.34	42	P	P	01 59 55.3	-0.7
F35A	Swanville	90.25	36	P	P	01 59 27.8	0.0	V31A	Spring Creek L	93.51	47	P	P	01 59 44.2	+1.1	531A	Rocksprings	96.39	51	P	P	01 59 55.8	+0.7
O29A	4D Ranch, Culb	90.29	44	P	P	01 59 28.3	+0.1	P35A	Duane Minner,	93.55	42	P	P	01 59 43.0	-0.2	233A	Rising Star	96.41	49	P	P	01 59 56.1	-0.3
CLL	Collim	90.40	331	i	P	01 59 27.5	-0.9	R34A	Isabella, Hill	93.59	43	P	P	01 59 43.4	0.0	V37A	Hulbert	96.42	44	P	P	01 59 55.7	-0.7
CLL	comp=Z,7.0nm,1.0s	90.40	331	i	P	01 59 27.5	-0.9	L38A	Oak Wood Farm,	93.59	38	P	P	01 59 43.9	+0.6	432A	Menard	96.49	51	P	P	01 59 56.5	-0.4
K32A	Verdigre	90.42	40	P	P	01 59 28.5	-0.2	SCIA	State Center	93.60	39	eP	P	01 59 43.3	-0.1	X36A	Centrahoma	96.50	46	P	P	01 59 56.7	-0.1
D37A	Cotton	90.49	34	P	P	01 59 28.9	-0.1	X30A	Coker Ranch, T	93.63	48	P	P	01 59 44.5	+0.7	U38A	Gravette	96.53	43	P	P	01 59 56.5	-0.4
E36A	McGregor	90.50	35	P	P	01 59 28.6	-0.4	U32A	Winter Ranch,	93.68	46	P	P	01 59 44.7	+0.8	R40A	Maddies Statio	96.56	41	P	P	01 59 56.5	-0.6
ECSD	EROS Data Cent	90.52	39	P	P	01 59 29.0	-0.1	T33A	Patterson Ranc	93.73	45	P	P	01 59 44.5	+0.4	134A	White-Moore Ra	96.62	48	P	P	01 59 57.4	0.0
ECSD	EROS Data Cent	90.52	39	eP	P	01 59 29.1	-0.1	O36A	Bolckow	93.78	41	P	P	01 59 43.7	-0.6	HDIL	Hopedale	96.68	38	P	P	01 59 57.3	-0.2
J33A	Davis	90.58	39	P	P	01 59 29.8	+0.4	W31A	Holland Ranch,	93.80	47	P	P	01 59 44.9	+0.4	Z35A	Perchaven, San	96.69	47	P	P	01 59 57.6	-0.1
M31A	Lambrecht Ranc	90.65	42	P	P	01 59 29.7	-0.2	N37A	Lee Faris, Mou	93.80	40	P	P	01 59 44.4	0.0	JCT	Junction City	96.72	51	eP	P	01 59 57.3	-0.6
C38A	Sawbill Land.	90.68	33	P	P	01 59 30.1	+0.3	M38A	Pleasantville	93.94	39	P	P	01 59 45.6	+0.6	JCT	comp=Z,6.0nm,0.8s	96.72	51	P	P	01 59 58.1	+0.1
O30A	NW Ranch, Wils	90.71	43	P	P	01 59 30.5	+0.4	Y30A	Stafford Catti	93.95	49	P	P	01 59 45.6	+0.3	JCT	Junction City	96.72	51	eP	P	01 59 57.3	-0.6
R28A	Tribune	90.72	46	P	P	01 59 30.3	+0.1	Q35A	Mercer Eighty,	93.97	42	P	P	01 59 45.0	-0.1	333A	Richland Sprin	96.77	50	P	P	01 59 58.2	+0.1
G35A	Watkins	90.72	37	P	P	01 59 30.5	+0.5	S34A	Willow Spring	93.95	44	P	P	01 59 45.9	+0.4	631A	Perdido Creek	96.82	52	P	P	01 59 58.4	0.0
I34A	Hadley	90.74	38	P	P	01 59 30.1	0.0	V32A	Arapaho	94.06	46	P	P	01 59 46.6	+0.9	532A	Rocksprings	96.86	51	P	P	01 59 58.4	-0.2
F36A	Milaca	90.80	36	P	P	01 59 30.1	-0.3	X31A	McDonald Ranch	94.11	48	P	P	01 59 46.0	+0.1	V38A	Canehill	96.89	44	P	P	01 59 58.4	-0.2
L32A	Elgin	90.81	41	P	P	01 59 30.3	-0.3	Z30A	Sanderson Ranc	94.15	49	P	P	01 59 45.7	-0.4	234A	Clairette	96.93	49	P	P	01 59 58.9	+0.1
H35A	Sunnyside Ranc	90.87	37	P	P	01 59 31.0	+0.2	R35A	Emporia Munci	94.21	43	P	P	01 59 46.7	+0.4	Y36A	Durant	96.96	46	P	P	01 59 58.9	0.0
E37A	Wrenshall	90.90	35	P	P	01 59 30.5	-0.3	U33A	Lingo Farm, Me	94.21	45	P	P	01 59 46.3	0.0	433A	Art	97.04	50	P	P	01 59 59.3	-0.1
P30A	Selden	90.98	44	P	P	01 59 30.9	-0.5	SCHO	Schefferville	94.21	17	P	P	01 59 45.6	-0.4	T40A	Mansfield	97.18	42	P	P	01 59 59.0	-0.9
K33A	Hardington	91.02	40	P	P	01 59 31.6	+0.1	O37A	Wolven Farm, M	94.23	40	P	P	01 59 46.3	-0.1	334A	Lometa	97.27	49	P	P	01 59 59.2	-1.2
G36A	St. Michael	91.10	36	P	P	01 59 32.3	+0.5	Q36A	Arnold C. Orve	94.24	42	P	P	01 59 46.2	-0.3	632A	Uvalde	97.31	52	P	P	02 00 00.1	-0.5
S28A	Manter	91.10	46	P	P	01 59 32.3	+0.2	W32A	Sentinel	94.29	47	P	P	01 59 47.1	+0.3	W38A	Poteau	97.33	44	P	P	01 59 59.2	-1.4
L33A	Hoskins	91.14	40	P	P	01 59 32.3	+0.2	Y31A	Rekieta Farm,	94.32	48	P	P	01 59 46.9	0.0	Y37A	Hugo	97.34	46	P	P	02 00 00.1	-0.5
C39A	Grand Marais	91.17	33	P	P	01 59 32.2	+0.1	N38A	Joes South For	94.33	39	P	P	01 59 47.3	+0.4	WHTX	Lake Whitney	97.39	48	P	P	02 00 00.3	-0.6
J34A	George	91.17	39	P	P	01 59 32.2	+0.1	T34A	McClaskey Farm	94.42	44	P	P	01 59 47.4	+0.1	X38A	Whitesboro	97.40	45	P	P	02 00 00.3	-0.6
O31A	Woolen Ranch,	91.17	43	P	P	01 59 32.5	+0.2	V33A	Lossen Ranch,	94.48	46	P	P	01 59 47.4	-0.2	434A	Burnet	97.57	50	P	P	02 00 00.7	-1.1
Q30A	Quinter	91.34	44	P	P	01 59 32.9	-0.2	P37A	Lathrop	94.49	41	P	P	01 59 47.1	-0.5	732A	Lawson Ranch,	97.65	52	P	P	02 00 01.6	-0.5
I35A	Creekview Farm	91.34	38	P	P	01 59 33.3	+0.4	S35A	Otter Creek Ra	94.54	43	P	P	01 59 47.5	-0.4	136A	Ennis	97.70	48	P	P	02 00 02.1	-0.1
H36A	Jessenland, He	91.44	37	P	P	01 59 33.3	0.0	U34A	Anderson Ranch	94.58	45	eP	P	01 59 48.3	+0.3	633A	Saathoff Ranch	97.77	51	P	P	02 00 02.1	-0.5
K34A	Le Mars	91.48	39	P	P	01 59 33.2	-0.4	R36A	Gordon, Harris	94.63	42	P	P	01 59 48.3	+0.1	Z37A	Pogue Cattle C	97.84	46	P	P	02 00 02.0	-0.8
P31A	Stockton	91.53	43	P	P	01 59 33.5	-0.5	Q38A	Galt	94.65	40	P	P	01 59 48.4	+0.1	335A	Moody	97.85	49	P	P	02 00 02.4	-0.6
J35A	Milford	91.54	38	P	P	01 59 33.3	-0.6	130A	Snyder	94.66	50	P	P	01 59 48.4	-0.1	534A	Blanco	97.91	51	P	P	02 00 02.9	-0.4
CONA	Conrad Observa	91.55	328	i	P	01 59 34.0	0.0	TXAR	Lajitas Array	94.67	54	P	P	01 59 48.5	-0.2	832A	Faith Ranch, C	97.91	53	P	Pdf	02 00 03.3	-0.1
M33A	Taylor Creek F	91.56	41	P	P	01 59 33.6	-0.4	TXAR	Lajitas Array	94.67	54	P	P	01 59 48.5	-0.2	SFIN	Scholer Farm	97.99	36	P	P	02 00 03.2	-0.2
SPMN	St. Paul	91.60	36	P	P	01 59 34.0	-0.1	N39A	Derby Farms, D	94.69	39	P	P	01 59 48.7	+0.3	236A	Katherine and	98.00	48	P	Pdf	02 00 03.9	+0.3
SPMN	St. Paul	91.60	36	eP	P	01 59 34.5	+0.3	X32A	Elmer	94.69	47	P	P	01 59 48.7	+0.1	733A	Dwight King Ran	98.13	52	P	Pdf	02 00 04.8	+0.5
R30A	Dighton	91.72	45	P	P	01 59 34.5	-0.4	W33A	Caddo, Fort Co	94.78	46	P	P	01 59 49.3	+0.4	Z38A	Mt. Pleasant	98.21	46	P	Pdf	02 00 04.8	+0.2
CBK5	Cedar Bluff	91.73	44	P	P	01 59 34.7	-0.2	Z31A	Sharr Cattle R	94.79	49	P	P	01 59 49.0	-0.1	MIAR	Mount Ida	98.27	44	P	Pdf	02 00 05.5	+0.7
Q32A	Grockman Farm,	91.74	42	P	P	01 59 34.4	-0.5	W33A	Caddo, Fort Co	94.78	46	P	P	01 59 49.3	+0.4	634A	China Grove, S	98.39	51	P	Pdf	02 00 06.5	+1.0
K3C	Kasperske Hory	91.74	330	eP	P	01 59 34.3	-0.4	Z31A	Sharr Cattle R	94.79	49	P	P	01 59 49.0	-0.1	237A	Washetta, Mont	98.47	48	P	Pdf	02 00 06.0	+0.2
K3C	Kasperske Hory	91.74	330	eP	P	01 59 34.3	-0.4	W33A	Caddo, Fort Co	94.78	46	P	P	01 59 49.3	+0.4	636A	Smothera Creek	99.22	50	P	Pdf	02 00 09.9	+0.8
T29A	Hugoton	91.75	46	P	P	01 59 34.6	-0.5	W33A	Caddo, Fort Co	94.78	46	P	P	01 59 49.3	+0.4	439A	Center Grove,	99.93	48	P	Pdf	02 00 11.4	-0.8
L34A	Svendsen Farm,	91.78	40	P	P	01 59 35.1	+0.1	P38A	Dawn	94.94	40	P	P	01 59 49.6	0.0	737A	Port Lavaca	100.08	50	P	Pdf	02 00 12.0	-0.9
GERES	GERESS Array B	91.90	329	P	P	01 59 34.3	-1.2	S36A	Lake Cedric, C	94.96	43	P	P	01 59 49.5	-0.2	TORD	Torodi Ar. Bea	125.25	312	PKP	PKPpdf	02 05 28.1	-0.4
P32A	Huiling Farm,	91.94	43	P	P	01 59 34.9	-0.9	V34A	Guthrie	94.96	45	P	P	01 59 49.6	-0.2	TORD	comp=Z,0.7nm,0.6s,baz=47,slo=1.2,SNR=12	125.85	253	PKP	PKP	02 07 14.7	-2.9
K35A	Storm Lake	91.94	39	P	P	01 59 35.3	-0.5	V34A	Guthrie	94.96	45	eP	P	01 59 49.6	-0.2	BOSA	Boshof	125.85	253	PKP	PKPpdf	02 05 29.3	0.0
H37A	Dierke Farm, C	91.97	36	P																			

CRAI	Chiangrai	39.83	270	P	P	02 15 26.4	-5.3
LOEI	Loei	39.96	265	P	P	02 15 29.3	-3.4
UTTA	Utтарadit	40.51	266	P	P	02 15 37.2	0.0
PKBT	Sadao Pong	40.57	264	P	P	02 15 37.5	-0.2
SRAK	Srakaeaw	40.65	260	P	P	02 15 34.2	-4.3
CMAI	Chiangmai2	41.11	270	P	P	02 15 41.8	-0.6
NAYO	Nakonayok	41.16	261	P	P	02 15 42.6	0.0
SUKH	Sukhothai	41.42	266	P	P	02 15 44.4	+3.6
CMMT	Chiang Mai	41.56	268	P	P	02 15 45.0	-1.0
CHTO	Chiang Mai	41.57	268	P	P	02 15 45.2	-0.8
CHTO	Chiang Mai	41.57	268	eP	pmax	02 15 44.8	-1.2
CHTO	Chiang Mai	41.57	268	eP	pmax	02 15 44.8	-1.2
CM01	Chiang Mai Arr	41.69	268	eP	P	02 15 46.1	-0.9
CMAR	Chiang Mai Arr	41.69	268	eP	P	02 15 46.6	-0.3
CMAR	Chiang Mai Arr	41.69	268	eP	LR	02 34 10.4	
CMAR	Chiang Mai Arr	41.69	268	eP	pmax	02 15 46.7	-0.3
CMAR	Chiang Mai Arr	41.69	268	eP	MLR	02 15 52.1	0.0
UMPA	Umpang Tak	42.55	265	P	P	02 15 55.5	+1.2
MHMT	Maesiang	42.69	268	P	P	02 15 57.2	+2.1
SRDT	SRDT	43.08	262	P	P	02 15 58.5	+0.2
BILL	Bilibino	43.20	12	iP	pmax	02 16 00.0	+1.4
KHLT	Khao-la-e-Dam	43.37	263	P	P	02 16 01.7	+1.0
HVS	Khovu-Aksy	44.32	317	eP	pmax	02 16 07.5	-0.4
LSA	Lhasa	45.69	286	P	pmax	02 16 18.4	-1.3
LSA	Lhasa	45.69	286	P	P	02 16 18.4	-1.3
SHL	Shilong	45.91	280	eP	P	02 16 20.0	-1.1
WMQ	Urumqi	47.42	306	eP	pP	02 16 32.6	0.0
WMQ	Urumqi	47.42	306	eP	PMZ	02 16 40.8	-2.2
WMQ	Urumqi	47.42	306	eP	PMZ	02 16 40.8	-2.2
WRAB	Tennant Creek	47.59	192	eP	pmax	02 16 32.2	-1.6
WRAB	Tennant Creek	47.59	192	eP	pmax	02 16 32.9	-1.0
WRAB	Tennant Creek	47.59	192	eP	P	02 16 32.2	-1.6
WRA	Warramunga Arr	47.60	192	P	P	02 16 32.8	-1.2
WRA	Warramunga Arr	47.60	192	P	pmax	02 16 32.8	-1.2
WC3	Warramunga Arr	47.61	192	eP	P	02 16 33.2	-0.8
FITZ	Fitzroy Crossi	48.13	203	P	P	02 16 38.1	0.0
FITZ	Fitzroy Crossi	48.13	203	P	P	02 16 34.8	-3.3
PSI	Prapat	48.89	248	eP	pmax	02 16 42.8	-1.5
PSI	Prapat	48.89	248	eP	pmax	02 16 42.8	-1.5
TAPN	Taplejung	49.13	284	eP	P	02 16 45.6	-0.6
MDSI	Maura Dua	49.20	286	P	P	02 16 45.3	-1.2
ODAN	Odare	49.52	283	eP	P	02 16 48.6	-0.6
ZAAO	Zalesovo Array	50.17	319	eP	P	02 16 53.0	-0.3
ZALV	Zalesovo Beam	50.17	319	eP	P	02 16 53.6	+0.3
ZALV	Zalesovo Beam	50.17	319	eP	pmax	02 16 53.7	+0.3
ZALV	Zalesovo Beam	50.17	319	eP	pmax	02 16 53.7	+0.3
RAMN	Ramite	50.19	284	eP	P	02 16 53.6	-0.6
GUN	Gumba	50.58	285	eP	P	02 16 57.2	-0.1
GSI	Gunungsitoli	50.84	248	eP	P	02 16 57.4	-1.6
PKI	Pulchok	51.07	285	eP	P	02 16 59.9	-1.1
PKIN	Pulchok	51.08	285	eP	P	02 17 00.1	-0.9
KKN	Kakani	51.13	285	eP	P	02 17 00.6	-0.7
NVS	Novosibirsk	51.20	320	eP	P	02 17 00.8	-0.3
NVS	Novosibirsk	51.20	320	eP	pmax	02 17 00.8	-0.3
MK01	Makanchi Array	51.27	310	eP	P	02 17 01.4	-0.4
MK31	Makanchi Array	51.28	310	iP	pmax	02 17 01.5	-0.4
MKAR	Makanchi Array	51.28	310	eP	P	02 17 01.9	0.0
MKAR	Makanchi Array	51.28	310	eP	pmax	02 17 01.9	0.0
MKAR	Makanchi Array	51.28	310	eP	P	02 17 02.0	+0.2
AS01	Alice Springs	51.30	191	eP	P	02 17 00.5	-1.7
ASAR	Alice Springs	51.31	191	eP	P	02 17 00.7	-1.6
ASAR	Alice Springs	51.31	191	eP	pmax	02 17 00.7	-1.6
ASAR	Alice Springs	51.31	191	eP	pmax	02 17 00.7	-1.6
DMN	Daman	51.32	285	eP	P	02 17 02.2	-0.6
MAK2	Makanchi	51.49	310	eP	P	02 17 03.8	+0.3
KOLN	Koldanda	52.58	285	eP	P	02 17 11.5	-0.6
PDGK	Podgornoye	53.40	305	iP	pmax	02 17 17.6	0.0
MLY	Manley	55.59	28	eP	P	02 17 34.6	+1.4
COLD	Coldfoot	56.19	25	eP	P	02 17 37.4	0.0
TKM2	Tokmak 2	56.27	305	eP	pmax	02 17 39.4	+0.7
TKM2	Tokmak 2	56.27	305	eP	P	02 17 39.4	+0.7
KSH	Kashi	56.48	301	P	P	02 17 43.5	+3.4
KSH	Kashi	56.48	301	eP	pP	02 17 49.1	-1.6
KSH	Kashi	56.48	301	eP	eP	02 19 50.8	+4.9
KSH	Kashi	56.48	301	eP	eS	02 25 32.9	+3.8
KSH	Kashi	56.48	301	eP	eS	02 25 42.1	-4.5
KSH	Kashi	56.48	301	eP	eS	02 27 28.3	+1.4
KSH	Kashi	56.48	301	eP	eS	02 29 20.9	+4.5
KSH	Kashi	56.48	301	eP	PMZ	02 17 43.5	+3.4
KSH	Kashi	56.48	301	eP	PMZ	02 17 43.5	+3.4
KSH	Kashi	56.48	301	eP	LN	02 17 43.5	+3.4
KSH	Kashi	56.48	301	eP	LE	02 17 43.5	+3.4
KSH	Kashi	56.48	301	eP	LZ	02 17 43.5	+3.4
MDM	Murphy Dome	56.63	28	eP	P	02 17 40.9	+0.2
AAK	Ala-Archa	57.12	305	LR	LR	02 17 40.9	+0.2

AAK	Ala-Archa	57.12	305	eP	pmax	02 17 44.1	-0.6
IL1	Eielson Array	57.18	29	eP	P	02 17 43.7	-0.8
ILAR	Eielson Array	57.18	29	eP	P	02 17 44.2	-0.3
ILAR	Eielson Array	57.18	29	eP	pmax	02 17 44.3	-0.3
ILAR	Eielson Array	57.18	29	eP	pmax	02 17 44.3	-0.3
NDI	Ortayu	57.79	288	eP	P	02 17 48.0	-1.4
OTUK	Ortayu	57.94	312	iP	pmax	02 17 49.7	-0.5
VOSK	Vostochnaya	58.41	317	eP	pmax	02 17 53.4	0.0
VOSK	Vostochnaya	58.41	317	eP	P	02 17 53.4	0.0
CHKZ	Chkalovo	58.56	318	iP	pmax	02 17 53.6	-0.8
CHKZ	Chkalovo	58.56	318	iP	pmax	02 17 53.6	-0.8
MNAS	Manas	58.59	305	iP	P	02 17 52.5	-2.5
MNAS	Manas	58.59	305	iP	pmax	02 17 52.5	-2.5
STKA	Stephens Creek	58.69	182	eP	P	02 17 54.6	-0.8
STKA	Stephens Creek	58.69	182	eP	P	02 17 54.6	-0.8
STKA	Stephens Creek	58.69	182	eP	pmax	02 17 54.6	-0.8
BRVK	Borovoye	58.80	318	eP	pmax	02 17 56.0	-0.1
BRVK	Borovoye	58.80	318	eP	P	02 17 56.2	+0.1
BRVK	Borovoye	58.80	318	eP	P	02 17 56.0	-0.1
BRVK	Borovoye	58.80	318	eP	P	02 17 56.0	-0.1
KK31	Karatay Array	59.93	306	iP	pmax	02 18 04.2	+0.1
KK31	Karatay Array	59.93	306	iP	pmax	02 18 04.2	+0.1
KKAR	Karatay Array	59.93	306	eP	pmax	02 18 04.2	+0.1
KKAR	Karatay Array	59.93	306	eP	pmax	02 18 04.2	+0.1
KKAR	Karatay Array	59.93	306	eP	P	02 18 04.2	+0.1
HYB	Hyderabad	60.21	275	iP	P	02 18 07.0	+0.6
INK	Inuvik	62.56	25	eP	pmax	02 18 22.7	+1.3
INK	Inuvik	62.56	25	eP	pmax	02 18 22.7	+1.3
INK	Inuvik	62.56	25	eP	P	02 18 22.7	+1.3
KBL	Kabul	62.96	297	eP	pmax	02 18 24.8	-0.1
KBL	Kabul	62.96	297	eP	pmax	02 18 24.8	-0.1
KBL	Kabul	62.96	297	eP	P	02 18 24.8	-0.1
SVE	Sverdlovsk	63.85	323	iP	pmax	02 18 31.1	+0.9
SVE	Sverdlovsk	63.85	323	iP	pmax	02 18 31.1	+0.9
ARU	Arti	65.06	322	dP	P	02 18 38.0	0.0
ARU	Arti	65.06	322	dP	S	02 19 07.5	
ARU	Arti	65.06	322	dP	SS	02 27 23.9	+6.2
ARU	Arti	65.06	322	dP	SS	02 31 32.9	+3.2
ARU	Arti	65.06	322	dP	pmax	02 18 38.8	+0.8
ARU	Arti	65.06	322	dP	P	02 18 38.2	+0.2
AB31	Akbulak array	65.84	314	iP	pmax	02 18 42.9	-0.3
AB31	Akbulak array	65.84	314	iP	pmax	02 18 42.9	-0.3
ABKAR	Akbulak array	65.84	314	eP	P	02 18 43.3	+0.1
AKTO	Aktubinsk	66.75	316	LR	LR	02 19 15.8	
IMYA	Miami	69.40	301	eP	P	02 19 06.8	+0.6
GEYT	Alibek	70.38	303	P	P	02 19 12.2	+0.2
YKA	Yellowknife Ar	71.61	29	eP	P	02 19 19.1	+0.2
YKA	Yellowknife Ar	71.61	29	eP	pmax	02 19 19.1	+0.2
YKA	Yellowknife Ar	71.61	29	eP	pmax	02 19 19.1	+0.2
YKB5	Yellowknife Ar	71.61	29	eP	P	02 19 19.1	+0.2
RES	Resolute Bay	71.78	14	eP	P	02 19 19.1	+0.7
RES	Resolute Bay	71.78	14	eP	P	02 19 19.1	+0.7
TMCR	Tamitsa	72.29	334	eP	pmax	02 19 23.7	+0.8
TMCR	Tamitsa	72.29	334	eP	pmax	02 19 23.7	+0.8
KLMR	Klimovskoe	73.09	330	eP	P	02 19 25.7	-2.1
KLMR	Klimovskoe	73.09	330	eP	pmax	02 19 39.6	
KLMR	Klimovskoe	73.09	330	eP	pmax	02 19 25.7	-2.1
ARCES	ARCESS Array B	73.86	341	P	P	02 19 33.2	+1.0
ARCES	ARCESS Array B	73.86	341	P	pmax	02 19 33.2	+1.0
ARCES	ARCESS Array B	73.86	341	P	pmax	02 19 33.2	+1.0
IBAF	Bafgh	74.61	298	eP	P	02 19 37.7	+0.2
ISHM	Shahmirzad	74.75	303	eP	P	02 19 39.2	+0.8
B08A	Goville Reser	74.78	43	eP	P	02 19 38.1	+0.1
E07A	Sunnyside	75.18	45	eP	P	02	

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for various stations.

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Table with columns: JHJH, JHJH, JOD2, JRO, JAG, MJAR, MAJO, MAT, MATS, KRAT, KSAR, USRK, YHNB, KLR, SONM, WRAB, WRA, ZALV, ZALV, MKAR, ASAR, ILAR, ILAR, INK, ABKAR, YKA, FINES, FINES, KBZ, NVAR, PDAR, BRTR. Includes station names, coordinates, and various parameters.

IDC 23 02:22:31.8, 2.4, 2.45S, 140.10E, h0km, mb3.2/1, mb1 3.8/2, mb1mx3.4/32, mbmtmp3.5/2, ML3.8/1, Error ellipse: s-maj=32.8km s-min=19.8km az=152.0, Near north coast of Irian Jaya

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

MOS 23 02:23:08.8, 2.2, 44.79N, 150.53E, h107km, mb3.9/4, Error ellipse: s-maj=12.9km s-min=11.4km az=26.4

ISCJB 23 02:23:11.5, 0.7, 44.89N, 106.05E, h100km, mb3.7/10, Error ellipse: s-maj=10.1km s-min=5.5km az=141.4

SKHL 23 02:23:14.6, 0.3, 45.00N, 149.75E, h121km, 4km, mb4.8/3, msh5.6/3

IDC 23 02:23:15.3, 5.3, 46.59N, 149.27E, h54km, 29km, mb3.5/10, mb1 3.8/12, mb1mx3.6/35, mbmtmp3.8/12, ML3.5/2, Error ellipse: s-maj=53.9km s-min=19.4km az=161.0

JMA 23 02:23:17.0, 0.6, 44.99N, 149.69E, h106km, M3.8

ISC 23 02:23:09.1, 1.0, 44.81N, 108.150, 41E, h100km, n55, c2614/44, mb3.7/10, 1C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR, SHO, YUK, NEM2, JNK, JOB, JCH, JKK2, JKA, ASAJ, MYR, YSS, ERM, JNBK, JBT2, SKR, UGL.

Table with columns: JNB, JYM, JSH, JNG, JTM, JYV, JIO, PETK, PETK, H1N2, H1N1, H1N3, H1S1, H1S2, ILAR, INK, INK, MKAR, YKA, ARCES, NOA, NOA, AKASG, AKASG, BRTR, GERES, GERES, TXAR, TXAR. Includes station names, coordinates, and various parameters.

CSEM 23 02:25:19.5, 0.1, 40.24N, 33.28E, h5km, MD3.1, Error ellipse: s-maj=2.6km s-min=2.1km az=108.0

ISK 23 02:25:19.2, 4.0, 25N, 33.26E, h9km, MD3.0

DDA 23 02:25:19.1, 4.0, 21N, 33.29E, h9km, MD3.1

ISC 23 02:25:19.8, 1.0, 40.24N, 02.33, 30E, 0.02, h13km, 9km, 0.05, 69/3, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELDT, CANT, LOD, BBAL, AFSR, ILGA, KAMT, TOS, CORM, CDAG, BCAM, SAF, KULU, COAL, SERE, YAYX, AUMIH, SVRH, KDNH, MDUB, BYBT, YOZ, KIZT, AVNS, AVNS, KDNH, KDNH, GULA, GULA, SULT, SULT, BNN, BNN.

CSEM 23 02:25:31.1, 39.52N, 29.75W, h10km, ML3.1, After PDA

PDA 23 02:25:31.1, 0.8, 39.52N, 29.75W, h10km, MD3.6, ML3.1, Error ellipse: s-maj=18.6km s-min=6.6km az=60.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED, CALA, CALA, HOR, HOR, HOR, ROSA, ROSA, ROSA, ROSA.

Table with columns: ROSA, PCAN, PCAN, PCAN, PCAN, PICO, PICO. Includes station names and coordinates.

ISCJB 23 02:32:32.0, 0.7, 27.03N, 143.74E, h10km, mb3.8/13, Error ellipse: s-maj=12.6km s-min=7.1km az=175.4

IDC 23 02:32.2, 2.0, 9.27, 00N, 143.80E, h0km, mb3.8/12, mb1 4.0/14, mb1mx3.8/49, mbmtmp3.8/14, ML3.9/2, Error ellipse: s-maj=23.5km s-min=19.0km az=3.0

NEIC 23 02:32:33.9, 0.5, 27.02N, 143.74E, h10km, mb4.2/1, Error ellipse: s-maj=12.6km s-min=11.1km az=40.8

ISC 23 02:32:33.9, 0.9, 27.00N, 143.67E, h10km, n21, c0942/23, mb3.9/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBUJ, JCJ, JCJ, MJAR, MAT, KSR, KSR, KLR, SONM, WRAB, WRA, MKAR, KURK, KURB, ILAR, BVAR, INK, YKA, FINES, NVAR, PDAR, LPAZ.

CSEM 23 02:38:55.2, 39.69N, 29.91W, h10km, ML3.0, After PDA

PDA 23 02:38:55.2, 1.1, 39.69N, 29.91W, h10km, MD3.6, ML3.0, Error ellipse: s-maj=14.8km s-min=9.5km az=62.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED, PCED, CALA, CALA, HOR, HOR, ROSA, ROSA, ROSA, ROSA, PGRA, PGRA, PGRA, PICO, PICO, PICO.

IDC 23 02:39:09.7, 5.5, 26.45N, 143.94E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/46, mbmtmp3.6/4, ML4.0/1, Error ellipse: s-maj=97.7km s-min=71.8km az=171.0, Bonin Islands region

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

ISK 23 02:43:31.9, 37.80N, 26.78E, h5km, MD2.7

CSEM 23 02:43:33.6, 0.5, 37.75N, 26.78E, h10km, MD2.7, Error ellipse: s-maj=10.5km s-min=7.5km az=49.0

DDA 23 02:43:34.4, 37.72N, 26.81E, h7km, MD2.7

ISC 23 02:43:35.1, 2.3, 37.78N, 0.04, 26.77E, 0.04, h10km, 10km, n18, c069/30, Decadence Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGB, DGB, GCAM, GCAM, ZEM, ZEM, URLA, URLA, URLA, URLA, BLCB, BLCB, AYDN, AYDN, AYDN, BDRM, BDRM, BDRM, AYDB, AYDB, AYDB.

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

IDC 23 02:50:20.8.5.4.36.43N.71.27E, h210km, 52km, mb2.9/2, mb1 3.2/7, mb1mx2.9/47, mbtmp3.7/77, Error ellipse: s-maj=43.1km s-min=25.5km az=2.0

NIC 23 02:50:27.4.3.4.36.91N.71.11E, h197km, 73km, mb3.0, mbv4.0, Error ellipse: s-maj=37.3km s-min=21.5km az=11.0

ISC 23 02:50:23.6.2.7.36.7N.0.2.71E.0.1, h200km, n22, c115/25, 4C-5D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AB31 Akbulak array, AKTO Aktyubinsk, ZALV Zalesovo Beam, etc.

ISCJB 23 02:51:03.4.0.6.27.12N.0.07.143.70E.0.06, h10km, mb3.8/17, Error ellipse: s-maj=10.6km s-min=7.3km az=172.2

IDC 23 02:51:03.9.0.8.27.09N.143.68E, h0km, mb3.8/14, mb1 4.0/17, mb1mx3.9/42, mbtmp3.8/17, ML3.4/3, Error ellipse: s-maj=22.4km s-min=17.5km az=71.0

NEIC 23 02:51:05.2.0.5.27.12N.143.03E, h10km, mb4.2/2, Error ellipse: s-maj=11.1km s-min=9.1km az=72.0

ISC 23 02:51:05.3.0.8.27.11N.0.1.143.62E.0.07, h10km, n26, c091/27, mb4.0/17, Bonin Islands region

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

ISCJB 23 03:03:26.8.0.6.26.69N.0.08.143.75E.0.06, h10km, mb4.0/14, MS2.6/1, Error ellipse: s-maj=12.1km s-min=7.7km az=18.9

IDC 23 03:03:27.2.0.8.26.64N.143.73E, h0km, mb3.9/11, mb1 4.1/13, mb1mx3.9/36, mbtmp3.9/13, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/57, Error ellipse: s-maj=23.1km s-min=18.7km az=17.0

NEIC 23 03:03:28.7.0.4.26.64N.143.70E, h10km, mb4.4/3, Error ellipse: s-maj=11.9km s-min=7.8km az=74.0

ISC 23 03:28.8.0.8.26.6N.0.1.143.65E.0.09, h10km, n21, c065/22, mb4.0/14, Bonin Islands region

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

ISCJB 23 03:11:33.9.1.1.51.43N.0.05.16.07E.0.05, h0km, Error ellipse: s-maj=7.0km s-min=4.0km az=25.7

CSEM 23 03:11:34.6.0.6.51.44N.16.13E, ML2.9/7, Error ellipse: s-maj=9.0km s-min=5.5km az=7.0

PRU 23 03:11:35.3.5.1.44N.16.13E, h0km, n23, c055/44, Poland

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

IDC 23 03:04:12.3.6.6.4.47N.95.34E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.3/43, mbtmp3.6/4, ML3.0/1, MS3.1/1, Ms1 3.1/1, s-min=33.5km, Error ellipse: s-maj=196.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, PSI Prapat, H0S2 Diego Garcia H, etc.

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

ISCJB 23 03:07:23.0.0.8.26.6N.0.1.143.72E.0.09, h10km, mb3.7/9, Error ellipse: s-maj=15.5km s-min=10.8km az=24.4

IDC 23 03:07:23.4.0.8.26.55N.143.72E, h0km, mb3.7/9, mb1 3.8/11, mb1mx3.7/38, mbtmp3.7/11, ML3.1/2, Error ellipse: s-maj=24.4km s-min=18.6km az=77.0

ISC 23 03:07:24.9.0.9.26.6N.0.1.143.6E.0.1, h10km, n13, c096/13, mb3.6/9, Bonin Islands region

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

IDC 23 03:10:12.5.0.8.27.03N.143.63E, h0km, mb3.8/12, mb1 4.1/13, mb1mx3.9/37, mbtmp3.8/13, ML4.3/1, MS3.3/2, Ms1 3.3/2, ms1mx2.5/65, Error ellipse: s-maj=20.2km s-min=18.7km az=117.0

NEIC 23 03:10:14.1.0.4.27.05N.143.58E, h10km, mb4.1/2, Error ellipse: s-maj=10.9km s-min=9.4km az=78.0

JMA 23 03:10:15.7.0.2.27.18N.143.60E, h56km, M4.0, ISCJB 23 03:10:16.0.0.6.27.28N.143.60E.0.05, h33km, mb3.8/14, MS3.8/1, Error ellipse: s-maj=7.9km s-min=5.5km az=40.6

ISC 23 03:10:18.1.0.8.27.16N.0.07.143.54E.0.08, h35km, n28, c169/33, mb3.9/14, Bonin Islands region

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

ISCJB 23 03:03:26.8.0.6.26.69N.0.08.143.75E.0.06, h10km, mb4.0/14, MS2.6/1, Error ellipse: s-maj=12.1km s-min=7.7km az=18.9

IDC 23 03:03:27.2.0.8.26.64N.143.73E, h0km, mb3.9/11, mb1 4.1/13, mb1mx3.9/36, mbtmp3.9/13, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/57, Error ellipse: s-maj=23.1km s-min=18.7km az=17.0

NEIC 23 03:03:28.7.0.4.26.64N.143.70E, h10km, mb4.4/3, Error ellipse: s-maj=11.9km s-min=7.8km az=74.0

ISC 23 03:28.8.0.8.26.6N.0.1.143.65E.0.09, h10km, n21, c065/22, mb4.0/14, Bonin Islands region

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

ISCJB 23 03:11:33.9.1.1.51.43N.0.05.16.07E.0.05, h0km, Error ellipse: s-maj=7.0km s-min=4.0km az=25.7

CSEM 23 03:11:34.6.0.6.51.44N.16.13E, ML2.9/7, Error ellipse: s-maj=9.0km s-min=5.5km az=7.0

PRU 23 03:11:35.3.5.1.44N.16.13E, h0km, n23, c055/44, Poland

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

IDC 23 03:04:12.3.6.6.4.47N.95.34E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.3/43, mbtmp3.6/4, ML3.0/1, MS3.1/1, Ms1 3.1/1, s-min=33.5km, Error ellipse: s-maj=196.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, PSI Prapat, H0S2 Diego Garcia H, etc.

23d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PRU Pruhonice, MORC Moravsky Berou, OKC Ostrava-Krasne, etc.

ISCJB 23 03:16:48.3:0.7, 26:3N:0.1:143:3E:0.1, h10km, mb3.6/9, Error ellipse: s-maj=19.0km s-min=10.2km az=139.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 23 03:17:48.7:46.0, 15:55S:172:34W, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.7/4.6, mbtmp4.2/3, Error ellipse: s-maj=905.1km s-min=196.3km az=79.0, Samoa Islands region

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

MEX 23 03:19:59.7:0.5, 15:15N:92:83W, h52km, 7km, MD3.7, Mexico-Guatemala border region

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

ISCJB 23 03:23:56.8:0.9, 27:3N:0.1:143:48E:0.10, h10km, mb3.6/6, MS3.3/4, Error ellipse: s-maj=16.1km s-min=11.5km az=151.3

IDC 23 03:23:57.4:1.0, 27:31N:143:67E, h0km, mb3.6/6, mb1.3/9.7, mb1mx3.5/6.2, mbtmp3.6/7, ML3.7/1, MS3.2/5, Ms1.3/2.5, ms1mx2.6/5.0, Error ellipse: s-maj=35.9km s-min=21.5km az=92.2

ISC 23 03:23:59.2:2.2N:0.1:143:5E:0.1, h10km, n11, s=087/8, mb3.6/6, MS3.4/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 23 03:27:15.1:49.0, 18:55S:167:79W, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.7/4.5, mbtmp4.2/3, Error ellipse: s-maj=981.7km s-min=198.5km az=85.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMSA Cobar Meteorol, STKA Stephens Creek, etc.

ISCJB 23 03:30:54.3:1.1, 27:1N:0.1:143:61E:0.10, h10km, mb3.5/6, Error ellipse: s-maj=19.6km s-min=12.2km az=165.7

IDC 23 03:30:54.8:1.1, 27:12N:143:68E, h0km, mb3.5/6, mb1.3/7.7, mb1mx3.5/5.8, mbtmp3.5/7, ML3.5/1, Error ellipse: s-maj=33.7km s-min=24.5km az=80.0

ISC 23 03:30:56.2:1.1, 27:11N:0.1:143:6E:0.1, h10km, n9, s=079/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KLR Kul'dur, WRA Warramunga Arr, etc.

IDC 23 03:32:22.4:1.0, 15:75S:173:02W, h0km, mb3.9/6, mb1.4/2.7, mb1mx3.8/4.6, mbtmp3.9/7, ML4.3/1, MS3.9/3, Ms1.3/8.3, ms1mx2.9/3.5, Error ellipse: s-maj=45.6km s-min=20.1km az=133.0

ISC 23 03:32:26.4:1.0, 15:75S:173:02W:0.3, h29km, n21, s=084/9, mb4.0/6, MS3.7/3, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, AUE Aue, NIU Niue, etc.

IDC 23 03:32:48.8:1.7, 27:11N:143:61E, h0km, mb3.7/7, mb1.4/9.8, mb1mx3.6/5.7, mbtmp3.7/8, ML3.8/1, Error ellipse: s-maj=42.9km s-min=21.3km az=174.0

ISCJB 23 03:32:49.4:1.3, 27:3N:0.2:143:6E:0.1, h10km, mb3.7/7, Error ellipse: s-maj=28.8km s-min=9.9km az=159.3

ISC 23 03:32:50.4:1.5, 27:11N:0.2:143:54E:0.09, h10km, n10, s=068/11, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

NEIC 23 03:39:36.0:3.3, 37:37N:116:43W, h7km, ML3.2(PAS), After Falls

NEIC Felt [I] at Borrego Springs and Valley Center. Also felt at Esccondido, Idyllwild, Mountain Center, Murrieta, Palm Desert, Palm Springs, Ramona, Ranchita and Santee.

ISC 23 03:39:35.4:1.0, 33:37N:0.02:116:41W:0.02, h7km, 10km, n26, s=121/147, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PFO Pinyon Flat Ob, SWSC Sam W. Stewart, etc.

1272

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

ISCJB 23 03:48:33.7:1.1, 26:8N:0.1:143:4E:0.1, h10km, mb3.5/5, Error ellipse: s-maj=20.3km s-min=13.3km az=43.3

IDC 23 03:48:33.3:3.3, 26:83N:143:67E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.5/4.7, mbtmp3.6/6, ML3.3/1, Error ellipse: s-maj=134.6km s-min=21.1km az=77.0

ISC 23 03:48:35.7:1.3, 26:8N:0.1:143:3E:0.1, h10km, n7, s=079/7, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 23 03:51:23.0:7.3, 26:82N:143:50E, h0km, mb3.3/2, mb1.3/7.3, mb1mx2.3/4.5, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=276.2km s-min=29.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

CSEM 23 03:56:15.9:39.59N:29.62W, h10km, ML3.4, After PDA PDA 23 03:56:15.9:39.59N:29.62W, h10km, MD3.6, ML3.4, Error ellipse: s-maj=7.3km s-min=4.4km az=68.0, Azores Islands

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

ATH 23 03:57:23.5:37:51N:19:73E, h22km, 2km, MD3.8/43, ML3.5

IDC 23 03:57:23.3:1.0, 37:63N:20:00E, h0km, mb3.8/8, mb1.3/8.12, mb1mx3.6/4.6, mbtmp3.7/12, ML3.4/4, Error ellipse: s-maj=20.5km s-min=18.8km az=57.0

CSEM 23 03:57:24.2:0.3, 37:57N:19:70E, h2km, ML3.5, Error ellipse: s-maj=6.7km s-min=3.4km az=69.0

THE 23 03:57:25.6:37:59N:19:76E, h4km, 1km, ML3.5/3, Error ellipse: s-maj=1.8km s-min=1.1km az=348.0

ISC 23 03:57:23.9:1.4, 37:53N:0.04:19:74E:0.03, h6km, 9km, n189, s=101/208, mb3.8/5, 5C-2D, Ionian Sea

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

23d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Arr, etc.

ISCJB 23 04:14:00.5:0.6, 27.19N:0.09:143.48E:0.06, h0km, mb4.0/16, Error ellipse: s-maj=13.1km s-min=7.1km az=167.5

IDC 23 04:14:00.6:0.8, 27.15N:143.45E, h0km, mb3.9/14, mb1.4/11.5, mb1mx3.9/6.1, mbtmp3.9/15, ML3.7/1, MS3.9/1, Ms1.3/9.1, ms1mx2.5/4.6, Error ellipse: s-maj=20.3km s-min=19.6km az=168.0

NEIC 23 04:14:02.3:0.5, 27.18N:143.44E, h10km, mb4.3/2, Error ellipse: s-maj=9.8km s-min=9.6km az=99.0

ISC 23 04:14:02.4:0.9, 27.22N:0.1:143.42E:0.07, h0km, n21, c0571/22, mb4.0/16, Bonin Islands region

Main table for 23d 4h section, listing various stations and their parameters.

IDC 23 04:15:32.9:1.3, 26.55N:143.58E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.6/5.6, mbtmp3.8/6, Error ellipse: s-maj=41.3km s-min=27.9km az=79.0, Bonin Islands region

Table listing stations like SONMG Songoing Array, WRA Warrunguna Arr, MKAR Makanchi Array, etc.

IDC 23 04:16:40.0:0.9, 26.61N:143.78E, h0km, mb3.9/14, mb1.4/0.7, mb1mx3.9/5.8, mbtmp3.9/17, ML3.6/3, Error ellipse: s-maj=25.5km s-min=17.5km az=77.0

ISCJB 23 04:16:40.0:0.6, 26.81N:0.08:143.85E:0.06, h10km, mb4.0/17, Error ellipse: s-maj=10.9km s-min=7.9km az=2.8

NEIC 23 04:16:41.8:0.5, 26.68N:143.80E, h10km, mb4.4/3, Error ellipse: s-maj=15.0km s-min=8.9km az=74.0

JMA 23 04:16:44.3:0.8, 27.07N:143.64E, h0km, M4.6

ISC 23 04:16:42.2:0.8, 26.77N:0.09:143.76E:0.07, h10km, n29, c16103/33, mb4.1/17, Bonin Islands region

Main table for 23d 4h section, listing various stations and their parameters.

2010 DEC

Table for 2010 DEC section, listing stations like HFS Hagfors, IDC 23 04:16:47.7:12.0, 26.33N:143.73E, etc.

MEX 23 04:22:32.6:0.6, 6.1720N:100.15W, h2km, n17km, MD4.0, Guerrero

Table listing stations like CAIG El Cayaco, MEIG Mezcala, ARIG Puente Sto Nin, etc.

IDC 23 04:23:54.7:1.0, 31.90S:72.36W, h0km, mb4.7/5, mb1.4/0.9, mb1mx4.0/2.25, mbtmp4.4/9, ML4.2/4, MS3.3/3, Ms1.3/3.3, ms1mx2.9/2.8, Error ellipse: s-maj=36.4km s-min=20.6km az=119.0

ISCJB 23 04:24:00.4:0.9, 32.07S:0.03:72.20W:0.10, h59km, 9km, mb4.6/5, Error ellipse: s-maj=13.7km s-min=5.4km az=174.7

NEIC 23 04:24:01.0:32.08S:71.95W, h32km, ML4.3(GUC), After GUC

GUC 23 04:24:01.1:0.4, 32.08S:71.95W, h32km, 4km, ML4.3

ISC 23 04:24:01.2:1.5, 32.11S:0.04:72.20W:0.11, h46km, n14km, n38, c124/43, mb4.5/5, 3C-1D, Off coast of central Chile

Table listing stations like ROCI El Roble, PEL Feldehue, RCDM Rinconada Maip, etc.

Table listing stations like CHCH Chadas Angostu, TLL Tololo Astrono, LNSH La Serena, etc.

Table listing stations like AAGR Agrelo, RTCV Cerro Valdivia, LCO Las Campanas, etc.

Table listing stations like AVFE Valle Fertil, VCF Vinchay, PLCA Paso Flores, etc.

Table listing stations like PLCA, LNV Limon Verde, LVC Limon Verde, etc.

Table listing stations like LVC, LVC, TRQA Tornequist, etc.

Table listing stations like CPUP Villa Parra, LPAZ La Paz, etc.

Table listing stations like SIV San Ignacio, BDBF Brasilia, etc.

Table listing stations like PMSA Palmeria Station, DBIC Dimbokro, etc.

Table listing stations like RAR Rarotonga, TORD Torodi Arr, etc.

Table listing stations like H1S1 WAKE ISLAND Hyt25.64 271 T, H1S2 WAKE ISLAND Hyt25.64 271 T, etc.

Table listing stations like KURBB Kurchatov Arr, ZALV Zalesovo Beam, etc.

Table listing stations like ZALV, MKAR Makanchi Array, etc.

ISCJB 23 04:24:38.9:0.5, 26.84N:0.07:143.52E:0.06, h10km, mb3.9/19, MS2.6/2, Error ellipse: s-maj=10.9km s-min=7.2km az=12.3

IDC 23 04:24:39.0:0.7, 26.84N:143.57E, h0km, mb3.9/16, mb1.4/1.9, mb1mx4.0/3.5, mbtmp3.9/19, ML3.5/2, MS2.8/3, Ms1.2/8.3, ms1mx2.4/4.9, Error ellipse: s-maj=18.1km s-min=17.1km az=32.0

NEIC 23 04:24:40.6:0.6, 26.89N:143.62E, h10km, mb4.4/4, Error ellipse: s-maj=13.2km s-min=11.4km az=69.0

ISC 23 04:24:41.1:0.8, 26.93N:0.1:143.53E:0.07, h10km, n32, c145/32, mb4.0/19, Bonin Islands region

Table listing stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

1274

Table listing stations like MJAR Matushiro Arr, MAJO Matushiro, MAJS Matushiro, etc.

Table listing stations like WRA Warrunguna Arr, ZALV Zalesovo Beam, etc.

Table listing stations like ASAR Alice Springs, MKAR Makanchi Array, etc.

Table listing stations like KURBB Kurchatov Arr, ILAR Eielson Array, etc.

Table listing stations like BVAR Borovoye Array, INK Inuvik, etc.

Table listing stations like ABKAR Akbulak array, AKTO Aktyubinsk, etc.

Table listing stations like YKA Yellowknife Arr, FINES FINES Array B, etc.

Table listing stations like NVAR Nina Array Bea, PDAR Pinedale Array, etc.

Table listing stations like LPAZ La Paz, IDC 23 04:26:03.4:2.6, 26.61N:142.10E, h0km, mb3.9/6, etc.

Table listing stations like MJAR Matushiro Arr, JNU Nakatsue, etc.

Table listing stations like WRA Warrunguna Arr, ZALV Zalesovo Beam, etc.

Table listing stations like ASAR Alice Springs, MKAR Makanchi Array, etc.

Table listing stations like KURBB Kurchatov Arr, FINES FINES Array B, etc.

ISCJB 23 04:31:25.6:0.6, 26.98N:0.08:143.51E:0.06, h10km, mb3.8/17, Error ellipse: s-maj=11.7km s-min=7.3km az=177.8

IDC 23 04:31:26.0:0.7, 27.01N:143.42E, h0km, mb3.8/15, mb1.4/0.6, mb1mx3.9/4.5, mbtmp3.8/16, ML3.9/1, Error ellipse: s-maj=18.3km s-min=17.5km az=102.0

NEIC 23 04:31:27.5:0.5, 27.00N:143.41E, h10km, mb4.2/2, Error ellipse: s-maj=12.0km s-min=10.0km az=84.0

ISC 23 04:31:27.5:0.8, 27.00N:0.1:143.41E:0.07, h10km, n24, c089/26, mb3.9/17, Bonin Islands region

Table listing stations like CBJJ Chichijima, JCJ Chichi jima, etc.

Table listing stations like CBJJ Chichi jima, MJAR Matushiro Arr, etc.

Table listing stations like USKR Usuriysk Arr, KURBB Kurchatov Arr, etc.

Table listing stations like MKAR Makanchi Array, ILAR Eielson Array, etc.

Table listing stations like ASAR Alice Springs, WRA Warrunguna Arr, etc.

Table listing stations like ZALV Zalesovo Beam, INK Inuvik, etc.

Table listing stations like ABKAR Akbulak array, YKA Yellowknife Arr, etc.

Table listing stations like FINES FINES Array B, NVAR Nina Array Bea, etc.

Table listing stations like AKASG Malin Array Be, PDAR Pinedale Array, etc.

ISC 23 04:39:55.6:0.6, 27.11N:0.06:143.60E:0.07, h35km, n41, c123/49, mb4.1/25, Bonin Islands region

Table listing stations like CBJJ Chichi jima, CBJJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CJJ Chichijima, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Korea Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UPC 7.7nm,0.3s, DPC Dobruska-Polom, etc.

MEX 23 04:58:07.40.5, 1472N-92.74W, h48km, 25km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG Ostrava-Krasne, PCIG Comitan, etc.

IS/CJB 23 04:59:45.2.0.5, 4.13N, 0.06E, 127.01E, 0.09, h45km, mb3.9/16, MS3.2/2, Error ellipse: s-maj=12.7km s-min=8.1km az=20.1

IDC 23 04:59:46.4.7.4, 7.4, 12N, 127.11E, h38km, 67km, mb3.8/15, mb1.3/9.15, mb1mx3.7/5.1, mbtmp4.0/15, MS3.0/4, Ms1.3/0.4, ms1mx2.5/4.4, Error ellipse: s-maj=35.2km s-min=14.5km az=67.0

DJA 23 04:59:52.7.0.8, 4.1N, 7.12E, h10km, M4.77, mb4.9/5, mb5.7/3, MLV4.5/7, MW(m)B5/2.3

ISC 23 04:59:47.2.0.6, 4.11N, 0.08E, 126.9E, 0.1, h45km, n27, s124/23, mb4.0/15, MS3.1/3, Taland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSGI Sangihe, GTOI Gorontalo, MRSI Marisa, etc.

ISCJB 23 05:03:42.9.0.6, 18.8S, 0.2E, 177.8W, 0.1, h570km, mb3.7/9, Error ellipse: s-maj=23.7km s-min=10.4km az=142.5

IDC 23 05:03:44.9.1.8, 18.7S, 0.2E, 177.8W, 0.1, h570km, 23km, mb3.9/3, mb1.3/1.2, mb1mx3.4/4.5, mbtmp4.3/12, Error ellipse: s-maj=23.9km s-min=13.0km az=143.0

ISC 23 05:03:43.7.0.7, 18.7S, 0.2E, 177.7W, 0.1, h570km, n21, s130/21, mb3.6/9, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

ISCJB 23 04:39:59.1.0.8, 27.0N, 0.1E, 143.8E, 0.1, h10km, mb4.0/18, Error ellipse: s-maj=22.2km s-min=16.5km az=41.6

IDC 23 04:39:59.0.0.9, 27.02N, 143.75E, h0km, mb4.0/17, mb1.4/1.20, mb1mx4.0/7.9, mbtmp4.0/20, ML3.7/3, Error ellipse: s-maj=27.3km s-min=20.3km az=35.0

ISC 23 04:40:01.2.0.8, 27.0N, 0.1E, 143.8E, 0.2, h10km, n23, s101/24, mb4.1/18, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Korea Arr, etc.

IDC 23 04:49:32.6.0.7, 27.14N, 143.50E, h0km, mb3.9/17, mb1.4/0.19, mb1mx3.9/5.3, mbtmp3.9/19, ML3.7/2, Error ellipse: s-maj=18.5km s-min=16.4km az=172.0

JMA 23 04:49:34.3.0.3, 27.33N, 143.50E, h30km, M3.5, NEIC 23 04:49:34.1.0.3, 27.13N, 143.48E, h10km, mb4.3/3, Error ellipse: s-maj=8.8km s-min=8.0km az=58.0

ISCJB 23 04:49:35.8.0.5, 27.19N, 0.07E, 143.49E, 0.06, h33km, mb3.9/20, Error ellipse: s-maj=10.3km s-min=6.4km az=152.9

ISC 23 04:49:38.2.0.7, 27.26N, 0.08E, 143.36E, 0.08, h35km, n30, s108/33, mb3.9/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CJJ Chichijima, etc.

NNC 23 04:51:56.1.3.7, 40.69N, 79.09E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=28.1km s-min=16.0km az=162.0

KRNET 23 04:51:57.6.0.1, 40.79N, 78.66E, mb3.2, ISC 23 04:51:56.9.2.6, 40.8N, 0.1E, 78.72E, 0.07, h10km, n14, s115/27, 23C-6D, Southern Kinjiaung

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRZ Przeval'sk, PRZ Przeval'sk, NRN Naryn, etc.

ISCJB 23 04:55:50.3.1.7, 51.49N, 107.16E, 0.06, h0km, Error ellipse: s-maj=10.0km s-min=4.6km az=19.8

CSEM 23 04:55:50.9.0.7, 51.52N, 107.16E, 0.04, h10km, ML2.5/4, Error ellipse: s-maj=9.9km s-min=5.3km az=9.0

PRU 23 04:55:52.9.1.45N, 116.07E, h0km, ISC 23 04:55:51.8.2.4, 51.48N, 107.16E, 0.02E, 0.05, h0km, n18, s105/20, Poland

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Zeytinkoy-Aydi, Zeytinkoy-Aydi, EDRB, etc.

CSEM 23 05:52:45.0, 1.0, 50.00N, 8.17E, h10km, ML3.3/18, Error ellipse: s-maj=2.3km s-min=2.2km az=89.0 BGR 23 05:52:45.9, 0.2, 50.01N, 8.21E, h10km, ML2.7/11, Error ellipse: s-maj=3.3km s-min=2.2km az=113.0 LDG 23 05:52:46.1, 0.1, 49.99N, 8.22E, h10km, ML3.4/13, M13.0/22, Error ellipse: s-maj=2.0km s-min=1.7km az=105.0 STR 23 05:52:46.7, 0.1, 49.93N, 8.13E, h10km, M12.9, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 UCC 23 05:52:47.1, 0.6, 49.99N, 8.04E, h10km, 3km, ML2.2 PRU 23 05:52:47.5, 49.98N, 8.36E, h2km BNS 23 05:52:48.3, 0.5, 50.07N, 8.09E, h14km, 3km, ML2.5 ISC 23 05:52:48.3, 0.8, 49.99N, 8.16E, h17km, 6km, n206, c1553/317, 14C-BD, Germany

Main table for station 1279, listing stations like TNS Taunus Mts, FACH Fachingen, ABH Alteburg, IMS Imsbach, etc.

Main table for station 2010 DEC, listing stations like LAUG Lauenpahl, HGN Heimansgrove, HGN Heimansgrove, WLS Welschbruch, BFO Black Forest, etc.

Main table for station 23d 6h, listing stations like ASSE Asse, Remlinge, ASSE Asse, Remlinge, BOURR Bourrignon, BOURR Bourrignon, etc.

JMA 23 06:07:20.9, 0.2, 24.44N, 122.45E, h89km, 2km, M2.9 ISC/JB 23 06:07:21.7, 0.5, 24.50N, 122.49E, 0.02, h80km, 6km, Error ellipse: s-maj=5.3km s-min=2.5km az=168.6 TAP 23 06:07:21.6, 24.51N, 122.50E, h76km, 2km, ML3.5, D ISC 23 06:07:22.2, 1.4, 24.48N, 122.49E, 0.02, h78km, 9km, n51, 0892/87, Taiwan region Code Station Name Az Phase ID Time Res ISC

23d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ, YWC, TWC, EGS, ENA, TWB1, etc.

IDC 23 06:13:09.6.9.2, 26.61N-143.50E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/37, mbtmp3.5/5, Error ellipse: s-maj=354.4km s-min=23.0km az=72.0, Bonin Islands region

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

2010 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, MKAR, KURBB, IDC, etc.

1280

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for Haha-jima-NKT, Chichi jima, Chichijima, etc.

ISC 23 06:40:34.9:5.0, 6.2672N:0.08:143.73E:0.06, h10km, n46, +082/51, mb4.1/29, M3.5/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for Chichi jima, Chichijima, Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for KURK Kurchatov, ILAR Eielson Array, etc.

ISC 23 06:44:15.7:0.6, 27.20N:0.10:143.55E:0.05, h10km, mb3.9/12, Error ellipse: s-maj=14.4km s-min=5.4km az=161.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for Kurchatov Arra, Eielson Array, etc.

ISC 23 06:44:42.0:3, 6.73N:0.05:123.73E:0.07, h600km, mb4.2/23m, Error ellipse: s-maj=10.1km s-min=5.0km az=152.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for LUWI Luwuk, SANI Sanana, etc.

ISC 23 06:44:45.0:1, 6.50N:0.12:142.00E, h600km, mb1.3/5/2, mb1mx3.4/53, mbtmp4.5/27, Error ellipse: s-maj=15.3km s-min=7.0km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for LUWI Luwuk, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for MORW Morawa, KMBL Kambalda, etc.

ISC 23 06:48:47.5:0.6, 27.15N:0.07:143.61E:0.06, h10km, mb3.9/18, MS2.7/1, Error ellipse: s-maj=10.4km s-min=7.2km az=167.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for MORW Morawa, KMBL Kambalda, etc.

ISC 23 06:48:49.3:0.6, 27.13N:0.07:143.55E:0.08, h10km, n29, +056/31, mb3.9/18, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for CBJJ Chichi jima, Chichijima, etc.

ISC 23 07:05:58.2:0.9, 26.77N:0.1:144.06E:0.10, h10km, mb3.0/5, Error ellipse: s-maj=18.2km s-min=11.4km az=21.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes entries for MORW Morawa, KMBL Kambalda, etc.

23D 8h

Table with columns: Station, Name, Az, El, P, Res, Time, Res ISC. Includes stations like ORV Oroville, LPSR Galich'ya Gora, J08A Circle Bar Ran, BMO Blue Mountains, VSR Storozevoye, WALA Waterton Lakes, GOF Goitskyaya, YBMT Yellow Bay, FINES FINES Array B, ZEI Tsey, KBZ Khabaz, KIV Kislovodsk, NV01 Mina Array Sit, NVAR Mina Array Bea, HLID Hailey, LHM Hailey, LRL Limekiln Ridge, PKM Peak Mountain, YES Vestal, Richgr, SBC Santa Barbara, EGMT Eagleton, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), ELK Elko, ELK Elko, GRAC Grapevine Rang, FFC Flin Flon, FFC Flin Flon, QLMT Earthquake Lak, LRMCL Laurel Mountai, EDW2 Edwards Air Fo, YMR Madison River, R11A Troy Canyon, C, R11A Troy Canyon, C, YFT Old Faithful, TPV Topopah Spring, HNU Hansel Valley, HNU Hansel Valley, H17A Grant Village, H17A Grant Village, IMW Indian Meadow, LKWY Lake, LKWY Lake, FLWY Flagg Ranch, BGU Big Grassy Moun, GSC Goldstone, SHOC Shoshone, RLMT Red Lodge, RLMT Red Lodge, AHID Auburn Hatcher, DUG Dugway, DUG Dugway, DUG Dugway, HEC Hector Ludlow, TUQ Turquoise Moun, HWUT Hardwear Ranch, AKASG Malin Array Be, KIEV Klev, KIEV Klev, NLU North Lily Mtn, AK11 Malin Array Si, BELC Belle Mtn. Jos, LAO LASA Array, LAO LASA Array, BW06 Boulder Array, PCD3 Pinedale Array, BCAR Big Chuckawall, NOA NORSTAR Array B, B25A Knox Farm, Ray, GLA Glamis, SRU San Rafael, SRU San Rafael, C26A Wahner Farm, P, A28A Rude Farm, Bot, O20A White River Ci, O20A White River Ci, WUAZ Wupatki

2010 DEC

Table with columns: Station, Name, Az, El, P, Res, Time, Res ISC. Includes stations like WUAZ Wupatki, PV09 Paradox Valley, A29A Manning Farm, PV10 Paradox Valley, H25A Fruitdale, RAYN Ar Rayn, PV05 Paradox Valley, F27A Lemmon, G26A Maurine, I25A Rochford, A30A Hoffart Farm, H26A Fairpoint, G27A Dupree, J25A Sunshine Ranch, B30A Myrvik Farm, E, BRTR Keskin Array B, ULM Lac du Bonnet, I26A New Underwood, H27A Howes, SMCO Snowmass, B31A Greenbush Farm, C30A Mose, Pekin, J26A Sides Ranch, S, BR21 Keskin MP Arra, I27A Keskin MP Arra, C31A Landman Farms, B32A Ashes, Strandq, I28A Midland, F30A Leola, TUC Tucson, TUC Tucson, H29A Onida, AGMN Agassiz Nation, AGMN Agassiz Nation, E31A Nome, G30A Faulton, F31A Hecla, C33A Trail, B34A Aery, Baudette, D33A AnnSamm, Waubun, F32A Veblen, B35A Bob, Littlelor, G32A Webster, E33A Westby DABS, E, D34A Park Rapids, L29A Maesberg Ranch, C35A Jirlik Farms, M, F33A 5 Mile Ranch, ANMO Albuquerque, ANMO Albuquerque, H32A Carlson Farm, J31A Geddes, H33A Prehn Over Nor, C36A Pine Crest Far, E35A Pequot Lakes, G34A Benson, C37A Embarrass, F35A Swinville, H34A Spellman Lake, G35A Watkins, I34A Hadley, H35A Sunnyside Ranc, I35A Creekside Farm, SPMN St. Paul, SPMN St. Paul, K35A Storm Lake, J36A Seneca 1, Swea, MNTX Cornudas Mount, MNTX Cornudas Mount, L35A Bielow Farm, R, J37A Redenius Farm, I38A Scanlan Farm, K37A Belmond, AMTX Amarillo, AMTX Amarillo, J38A West D Dairy, R, R33A Olander Ranch, N37A Lee Farms, Mou, M38A Pleasantville, Q35A Mercer Eighty, V32A Arapaho, Z30A Sanderson Ranc, W32A Sentinel, N38A Joes South For, P37A Lathrop

1286

Table with columns: Station, Name, Az, El, P, Res, Time, Res ISC. Includes stations like S35A Otter Creek Ra, U34A Anderson Ranch, TX31 Lajitas Arr, TXAR Lajitas Array, W33A Caddo, Fort Co, P38A Dawn, S36A Lake Cedric, C, T36A Boggs Farm, Ca, 330A Merton, Z32A Haskell, R38A Fenwick Farm, 530A J-C Ranch, Com, 431A Sonora, R39A Chummy, Stover, 531A Rocksprings, R40A Maddies Statio, JCT Junction City, SYO Syowa Base, TORO Torodi Ar. Bea, LPAZ La Paz, PLCA Paso Flores, SAML Samuel, SAML Samuel, SAML Stephen, LCO Las Campanas, LVC Limon Verde, LVC Limon Verde

ISCJB 23 08:01:54.0, 4.0, 2.7, 11N, 0.06, 143.39E, 0.07, h10km, mb4.3/20, MS3.5/1, Error ellipse: s-maj=9.2km

IDC 23 08:01:54.2, 0.8, 2.7, 11N, 143.48E, h0km, mb4.3/9, mb1.4/6.10, mb1mx4.1/56, mbtmp4.2/10, ML4.1/1, MS3.3/3, Ms1.3/3.3, ms1mx2.7/34, Error ellipse: s-maj=34.4km

NEIC 23 08:01:55.7, 0.4, 2.7, 04N, 143.41E, h10km, mb4.4/11, Error ellipse: s-maj=10.3km s-min=8.9km az=173.0

ISC 23 08:01:55.8, 0.6, 2.7, 04N, 143.40E, h10km, n32, e096/32, mb4.3/20, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res ISC. Includes stations like CBJJ Chichi jima, MJAR Matsushiro Arr, MAJO Matsushiro, GUMO Guam, JOW Kumigama, CHTO Chiang Mai, WRA Warramunga Arr, FITZ Fitz Crossi, COLD Coldwater, ILAR Eielson Array, STKA Stephens Creek, DAWY Dawson, ARU Aru, ABKAR ABKulak array, YKA Yellowknife Ar, KBZ Khabaz, NVAR Mina Array Bea, HLID Hailey, QLMT Earthquake Lak, R11A Troy Canyon, C, HNU Hansel Valley, RLMT Red Lodge, DUG Dugway, AKASG Malin Array Be, PDAR Pinedale Array, GERES GERES Array B, MNTX Cornudas Mount, AMTX Amarillo, TXAR Lajitas Array, LPAZ La Paz, PLCA Paso Flores, SAML Samuel, SAML Samuel

LJU 23 08:02:25.5, 46.39N, 15.07E, h0km, ML0.8 Rockburst VIE 23 08:02:25.4, 0.2, 46.39N, 15.08E, h0km, mb1.4/3, ml1.4/4, Error ellipse: s-maj=1.4km s-min=1.2km az=46.0

CSEM 23 08:02:23.4, 0.3, 46.34N, 15.28E, h1km, ML1.6/4, 5C-3D, Error ellipse: s-maj=9.1km s-min=5.0km az=60.0

Suspected Mining induced, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res ISC. Includes stations like DOBS Dobrina, DOBS Dobrina, PERS Pernice, PERS Pernice, SOKA Soboth, SOKA Soboth, OBKA Obir, OBKA Obir, VISS Visnje, VISS Visnje, VISS Visnje

Table with columns: VISS, comp=Z, 1.0nm, 0.1s, eSg, Sg, 08 02 44.6 +1.4. Includes ARSA Arzberg, KBA Koelnbreinsper, etc.

IDC 23 08:02:29.3:1.0, 38:41N:20:69E, h0km, mb3.8/9, mb1 3.8/18, mb1mx3.7/48, mbtmp3.7/18, ML3.4/9, MS3.1/1, Ms1 3.1/1, ms1mx2.3/51, Error ellipse: s-maj=17.3km s-min=14.9km az=164.0

MOS 23 08:02:30.0:1.7, 38:26N:20:47E, h12km, mb4.1/7, Error ellipse: s-maj=7.8km s-min=4.6km az=83.3

ATH 23 08:02:30.7, 38:30N:20:59E, h19km, MD3.7/19, ML3.9 ISFBL 23 08:02:31.9, 0.6, 38:33N:0:02, 20:51E, 0.02, h15km, 4km, mb3.8/10, Error ellipse: s-maj=3.4km s-min=1.9km az=41.8

CSEM 23 08:02:31.2:0.2, 38:32N:20:60E, h5km, MD3.7, Error ellipse: s-maj=4.0km s-min=2.2km az=43.0

THE 23 08:02:31.9, 38:34N:20:66E, h0km, 1km, ML3.9/12, Error ellipse: s-maj=1.8km s-min=0.6km az=249.0

PDG 23 08:02:34.8:0.5, 38:51N:20:64E, h20km, 1km, ML4.0/13, Error ellipse: s-maj=0.9km s-min=0.9km az=0

VIE 23 08:02:37.1:0.8, 38:79N:20:27E, h10km, mb3.3/3, Ms3.7/3, Error ellipse: s-maj=11.0km s-min=4.8km az=81.0

ISC 23 08:02:31.8:0.7, 38:34N:0:02, 20:53E, 0.02, h12km, 5km, n288, r1924/360, mb3.8/10, 28C-29D Greece

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like Valsamata, Anninata, Lefkada island, Prodomos, etc.

Main station list table with columns: THAL, Thalero, 1.63 100 ePn, Pn, 08 03 00.8 +0.6. Lists stations like Thalero, Klokotos Trika, etc.

Main station list table with columns: NKY, Sivas, 4.71 133 i/P, eSn, Sn, 08 04 34.4 -1.3. Lists stations like Sivas, Bratogost, etc.

IDC 23 08:15:57.2:1.0, 26:32N:143:81E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.4/46, mbtmp3.5/45, Error ellipse: s-maj=41.3km s-min=24.2km az=106.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations like WRA Warrungarra Arr, ASAR Alice Springs, etc.

0.2nm, 0.6s, baz=242, slow=7.0, SNR=6.2
NVAR Mina Array Bea 79.48 52 P 08 28 06.8 +0.6

KRNET 23 08:16:56.1, 0.1, 40.54N, 71.39E, mb3.7
NNC 23 08:16:58.6, 0.4, 73.7N, 1.90E, h0km, mb2.6, mpv2.3,
Error ellipse: s-maj=47.9km s-min=30.5km az=161.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like MNAS Manas, MAJAO Matsuhiro, etc.

ISCJB 23 08:24:02.8, 0.4, 27.13N, 0.06, 143.36E, 0.04, h10km,
mb4.0/24, Error ellipse: s-maj=8.5km s-min=5.4km az=175.3

IDC 23 08:24:02.4, 0.7, 27.08N, 143.43E, h0km, mb3.9/16,
mb1.4, 1/19, mb1mx4.0/41, mbmp3.9/19, ML3.1/3, Error
ellipse: s-maj=17.9km s-min=15.8km az=150.0

NEIC 23 08:24:04.0, 0.3, 27.05N, 143.37E, h10km, mb4.3/8, Error
ellipse: s-maj=8.4km s-min=7.1km az=183.0

ISC 23 08:24:04.0, 0.7, 27.05N, 143.37E, h10km, n34,
+0.73/27, mb4.1/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like JCJ Chichijima, MAJAO Matsuhiro, etc.

ISCJB 23 08:24:12.8, 0.6, 27.13N, 0.08, 143.59E, 0.08, h10km,
mb4.0/13, Error ellipse: s-maj=11.2km s-min=9.9km az=166.3

IDC 23 08:24:13.3, 0.8, 27.09N, 143.57E, h0km, mb3.9/10,
mb1.4, 1/11, mb1mx4.0/39, mbmp3.9/11, ML2.5/1, Error
ellipse: s-maj=27.0km s-min=19.2km az=89.0

NEIC 23 08:24:14.8, 0.4, 27.10N, 143.55E, h10km, mb4.5/3, Error
ellipse: s-maj=10.2km s-min=8.2km az=85.0

ISC 23 08:24:14.9, 0.8, 27.13N, 0.10, 143.53E, 0.08, h10km, n17,
+0.55/19, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CBJJ Chichijima, MAJAO Matsuhiro, etc.

0.8nm, 0.7s, baz=280, slow=6.3, SNR=5.7
LPAZ La Paz 148.75 76 PKPbc PKPbc 08 44 04.8 +0.8

ISCJB 23 08:26:38.3, 0.9, 26.7N, 0.1, 143.7E, 0.3, h10km, mb3.5/5,
Error ellipse: s-maj=34.3km s-min=17.5km az=172.5
IDC 23 08:26:38.7, 1.0, 26.69N, 143.93E, h0km, mb3.6/5,
mb1.3, 9/6, mb1mx3.5/43, mbmp3.6/6, ML3.5/1, Error
ellipse: s-maj=40.0km s-min=23.2km az=99.0

ISC 23 08:26:40.2, 1.1, 26.7N, 0.1, 143.9E, 0.2, h10km, n6,
+0.70/6, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like MJAR Matsuhiro Arr, WRA Warrungarra Arr, etc.

NIED 23 08:27:00.27, 10N, 143.60E, h5km, Mw4.2 Best double
couple: M2:32000*1019 N1:349.00000*, 346.00000*,
1-50.00000* NP2:349.119.00000*, 857.00000*,
1-124.00000*

IDC 23 08:27:22.0, 2.5, 0.26, 92N, 143.52E, h0km, mb4.4/28,
mb1.4, 5/32, mb1mx4.5/47, mbmp4.4/32, ML4.1/4, MS3.2/1,
Ms1.3/2.1, ms1mx2.5/36, Error ellipse: s-maj=14.2km
s-min=12.2km az=109.0

BUI 23 08:27:22.8, 26.79N, 143.23E, h10km, mb4.8/43, mb4.9/26,
Ms4.5/10, Ms7.4/35
MOS 23 08:27:22.2, 1.0, 26.86N, 143.53E, h12km, mb4.9/25, Error
ellipse: s-maj=11.4km s-min=5.9km az=112.6

NEIC 23 08:27:23.7, 0.2, 26.88N, 143.53E, h10km, mb4.8/34,
MW4.2(NIED), Error ellipse: s-maj=4.9km s-min=4.8km
az=61.0

JMA 23 08:27:25.0, 5.0, 3.27, 09N, 143.56E, h42km, M4.6

ISC 23 08:27:27.0, 0.2, 27.21N, 0.03, 143.43E, 0.03, h33km,
mb4.6/83, MS3.4/2, Error ellipse: s-maj=4.2km
s-min=3.4km az=162.8

ISC 23 08:27:28.0, 5.7, 203N, 0.06, 143.52E, 0.06, h35km, n225,
+0.127/241, mb4.7/83, 1C-3D, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like CBJJ Chichijima, MAJAO Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes stations like LZH, LZH, CD2 Chengdu, etc.

CSEM 23 08:45:20.4, 0.7, 28.32N; 59.08E, h10km, ML3.7, Error ellipse: s-maj=22.6km s-min=10.6km az=140.0

TEH 23 08:45:29.28, 36N; 59.10E, h31km, ML3.7, Southern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Zahedan, Cheshme madani, Kohestak, etc.

IDC 23 08:45:48.2, 6.0, 26.52N; 143.30E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/4.1, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=22.6km s-min=27.4km az=75.0

JMA 23 08:45:51.9, 0.1, 27.17N; 143.79E, h42km, ML3.8

JMC 23 08:45:51.0, 1.6, 26.39N; 143.90E, h10km, n7, s-maj=18.9km, mb3.6/3, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Haha-jima-NKT, etc.

IDC 23 08:49:00.2, 4.9, 26.69N; 143.03E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.4/3.6, mbtmp3.5/4, ML3.4/1, MS2.8/1, Ms1 2.8/1, ms1mx2.2/3.1, Error ellipse: s-maj=289.5km s-min=25.7km az=83.0, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

IDC 23 08:53:18.4, 0.8, 26.80N; 143.89E, h0km, mb3.8/14, mb1 3.8/4, mb1mx3.9/4.1, mbtmp3.8/17, ML3.4/2, Error ellipse: s-maj=20.3km s-min=18.1km az=46.0

JMA 23 08:53:20.0, 2.9, 26.94N; 143.87E, h34km, ML4.3

NEIC 23 08:53:20.2, 0.5, 26.94N; 143.84E, h10km, mb4.2/4, Error ellipse: s-maj=11.2km s-min=9.0km az=219.0

ISCJB 23 08:53:23.8, 0.6, 27.20N; 0.05:143.70E:0.05, h33km, mb3.8/18, Error ellipse: s-maj=8.0km s-min=5.6km az=147.0

ISC 23 08:53:24.5, 0.7, 26.98N; 0.08:143.73E:0.08, h35km, n33, s123/39, mb3.8/18, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

Table with columns: ILAR, Eielson Array, Karatay Array, INK, ARU, etc. Lists various seismic stations and their parameters.

MEX 23 09:01:55.1, 0.7, 16.94N; 100.26W, h10km, 3km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like El Cayaco, Mezcala, etc.

ISCJB 23 09:04:47.0, 0.8, 27.1N; 0.1:143.7E:0.2, h10km, mb3.8/11, MS2.9/2, Error ellipse: s-maj=21.6km s-min=13.8km az=159.6

IDC 23 09:04:47.3, 0.9, 27.08N; 143.73E, h0km, mb3.8/11, mb1 4.0/14, mb1mx3.9/4.6, mbtmp3.9/14, MS2.7/3, Ms1 2.7/3, ms1mx2.4/4.9, Error ellipse: s-maj=27.1km s-min=18.4km az=76.0

ISC 23 09:04:49.0, 1.0, 27.1N; 0.1:143.6E:0.2, h10km, n17, s1905/15, mb3.8/11, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Matsushiro Arr, Korea Array, etc.

IDC 23 09:09:10.9, 41.0, 23.57S; 176.71W, h0km, mb4.2/3, mb1 4.3/3, mb1mx3.8/3.1, mbtmp4.2/3, Error ellipse: s-maj=754.1km s-min=153.4km az=87.0, South of Fiji Islands

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

ISK 23 09:14:22.6, 39.07N; 0.4:67E, h5km, MD2.7

DDA 23 09:14:22.1, 39.07N; 0.4:77E, h7km, MD2.4

CSEM 23 09:14:22.5, 0.5, 39.03N; 40.72E, h2km, MD2.7, Error ellipse: s-maj=16.5km s-min=8.7km az=156.0

ISC 23 09:14:22.0, 1.0, 39.06N; 0.0:40.71E:0.03, h9km, 8km, n20, s077/28, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Bingol, BINGOL, etc.

ISCJB 23 09:19:13.9, 0.8, 32.27N; 0.03:115.34W:0.04, h13km, 7km, Error ellipse: s-maj=5.4km s-min=3.9km az=30.8

ECX 23 09:19:15.6, 0.5, 32.27N; 115.38W, h6km, MD3.0, ML3.2

ISC 23 09:19:13.8, 0.9, 32.27N; 0.03:115.35W:0.03, h15km, 8km, n29, s077/38, BC-3Z, California-Baja California border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Cerro Prieto, Mazizag, etc.

Table with columns: EMSC, East Mesa, Westside Schoo, etc. Lists stations and their parameters.

ISCJB 23 09:27:28.6, 5.8, 26.85N; 143.51E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.4/6.2, mbtmp3.5/6, ML3.3/1, Error ellipse: s-maj=224.6km s-min=22.4km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Matsushiro Arr, Songio Array, etc.

IDC 23 09:27:42.9, 10.0, 27.35N; 143.17E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/6.4, mbtmp3.6/6, ML3.5/1, Error ellipse: s-maj=212.6km s-min=73.6km az=107.0, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Matsushiro Arr, Songio Array, etc.

IDC 23 09:28:32.0, 2.0, 6.27N; 149.0:0.06:143.62E:0.05, h10km, mb4.0/16, Error ellipse: s-maj=8.8km s-min=5.7km az=167.2

IDC 23 09:28:32.0, 0.7, 27.05N; 143.55E, h0km, mb3.9/14, mb1 4.1/17, mb1mx3.9/6.6, mbtmp3.9/17, ML2.9/2, Error ellipse: s-maj=19.3km s-min=15.3km az=76.0

NEIC 23 09:28:34.0, 3.0, 4.27N; 143.54E, h10km, mb4.3/1, Error ellipse: s-maj=11.9km s-min=8.1km az=73.0

JMA 23 09:28:36.1, 0.3, 27.16N; 143.46E, h14km, ML3.6

ISC 23 09:28:34.5, 0.7, 27.15N; 0.07:143.50E:0.06, h10km, n28, s1910/33, mb4.0/16, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

ISCJB 23 09:28:32.0, 2.0, 6.27N; 149.0:0.06:143.62E:0.05, h10km, mb4.0/16, Error ellipse: s-maj=8.8km s-min=5.7km az=167.2

IDC 23 09:28:32.0, 0.7, 27.05N; 143.55E, h0km, mb3.9/14, mb1 4.1/17, mb1mx3.9/6.6, mbtmp3.9/17, ML2.9/2, Error ellipse: s-maj=19.3km s-min=15.3km az=76.0

NEIC 23 09:28:34.0, 3.0, 4.27N; 143.54E, h10km, mb4.3/1, Error ellipse: s-maj=11.9km s-min=8.1km az=73.0

JMA 23 09:28:36.1, 0.3, 27.16N; 143.46E, h14km, ML3.6

ISC 23 09:28:34.5, 0.7, 27.15N; 0.07:143.50E:0.06, h10km, n28, s1910/33, mb4.0/16, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matsushiro Arr, etc.

Table with columns: H10N2 ASCENSION HYDR94.64, LPAZ La Paz, TORD Torodi Arr, INK Inuvik, ILAR Eielson Arr. Includes station names, times, and remarks.

Table with columns: H11S3 WAKE ISLAND Hy 22.68 107, H11S1 WAKE ISLAND Hy 22.69 107, H11S2 WAKE ISLAND Hy 22.70 107, KLR Kul'dur, HNR Honiara, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBK Kurchatov Arr, ILAR Eielson Arr, INK Inuvik, YKA Yellowknife Arr, LPAZ La Paz.

Table with columns: ZALV, ASAR Alice Springs, MKAR Makanchi Arr, MKAR, KURBK Kurchatov Arr, ILAR Eielson Arr, KKAR Karatay Arr, INK Inuvik, ABKAR Abukharray, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Arr, PDAR Pinedale Arr, AKASA Malin Arr, TXAR Lajitas Arr, TORD Torodi Arr, LPAZ La Paz.

ISCJB 23 10:34:02.6:0.9,26:7N:0.1:143:8E:0.1, h10km, mb3.6/7, Error ellipse: s-maj=16.8km s-min=11.9km az=26.1

ISCJB 23 10:34:03.1:1.0,26:70N:143:74E, h0km, mb3.7/7, mb1 3.8/8, mb1mx3.6/46, mbtmp3.7/8, ML3.5/1, Error ellipse: s-maj=21.8km s-min=20.8km az=73.0

ISC 23 10:34:04.6:1.0,26:7N:0.1:143:67E:0.10, h10km, n10, o545/11, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, KLR Kul'dur, WRA Warrungarra Arr, MKAR Makanchi Arr, KURBK Kurchatov Arr, YKA Yellowknife Arr, FINES FINESS Array B, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, JUNU Nakatsue, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Arr, CMAR Chiang Mai Arr, WRAB Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Arr, MKAR, KURBK Kurchatov Arr, ILAR Eielson Arr, KKAR Karatay Arr, INK Inuvik, ABKAR Abukharray, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Arr, AKASA Malin Arr, TXAR Lajitas Arr, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Korea Arr, USRK Ussuriysk Arr, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBK Kurchatov Arr, NVAR Mina Arr.

ISC 23 10:37:03.6:1.7,26:71N:143:97E, h0km, mb3.9/6, mb1 4.0/9, mb1mx3.746, mbtmp3.9/9, ML3.5/2, MS2.6/2, Ms1 2.6/2, ms1mx2.2/35, Error ellipse: s-maj=44.5km

ISC 23 10:56:13.9:0.7,26:59N:143:82E, h0km, mb3.8/15, mb1 4.0/16, mb1mx3.9/39, mbtmp3.8/16, ML3.6/1, MS2.7/2, Ms1 2.8/2, ms1mx2.3/37, Error ellipse: s-maj=19.9km s-min=17.4km az=66.0

ISC 23 10:56:18.0:0.6,26:61N:0.09:143:76E:0.06, h31km, mb3.8/16, MS2.8/1, Error ellipse: s-maj=12.8km

JMA 23 10:37:09.0:1.7,27:06N:143:73E, h36km, M4.4, ISC 23 10:37:12.0:1.7,27:02N:143:66E:0.1, h35km, n19, o1561/23, mb4.0/6, Bonin Islands region

ISC 23 10:56:18.9:0.8,26:61N:0.1:143:66E:0.08, h31km, n25, o579/26, mb3.8/16, Bonin Islands region

ISCJB 23 11:04:31.7:1.0,26:9N:0.1:143:6E:0.3, h10km, mb3.8/5, Error ellipse: s-maj=34.0km s-min=16.3km az=159.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Haha-jima-NKT, BS04 Bosowa, JOD2 Odawara 2, JHU Hanno, JHU Ryogami san, JRY Ashikaga, JAG Ashikaga, MJAR Matushiro Arr, MJAR, JUNU Nakatsue, KSRS Korea Arr, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Arr, YAK Yakutsk, WRA Warrungarra Arr, MKAR Makanchi Arr, KURBK Kurchatov Arr, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, JUNU Nakatsue, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Arr, CMAR Chiang Mai Arr, WRAB Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Arr, MKAR, KURBK Kurchatov Arr, ILAR Eielson Arr, KKAR Karatay Arr, INK Inuvik, ABKAR Abukharray, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Arr, AKASA Malin Arr, TXAR Lajitas Arr, LPAZ La Paz.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Korea Arr, USRK Ussuriysk Arr, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBK Kurchatov Arr, NVAR Mina Arr.

ISC 23 10:38:25.7:5.8,20:229S:177:85W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/35, mbtmp3.6/3, Error ellipse: s-maj=1055.0km s-min=164.6km az=85.0, South of Fiji Islands

MEX 23 10:58:08.9:0.8,16:23N:95:99W, h21km, 31km, MD4.1, Oaxaca

ISC 23 11:10:12.6:1.5,25:85N:99:14E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/51, mbtmp3.5/5, MS2.8/1, Ms1 2.8/1, mb1mx2.2/41, Error ellipse: s-maj=62.3km s-min=24.5km az=66.0, Yunnan

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vista Hermosa, TLTA Tlapa.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Haha-jima-NKT, Odawara 2, Ryogami san, Hitachi, Ashikaga, Matushiro Arr, WRA Warrungarra Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Arr, KURBK Kurchatov Arr, YKA Yellowknife Arr, NVAR Mina Arr.

ISC 23 10:40:56.2:18.0,22:76S:174:94W, h0km, mb4.1/5, mb1 4.3/6, mb1mx3.6/36, mbtmp4.2/6, ML4.0/1, MS3.2/2, Ms1 3.2/2, ms1mx2.5/36, Error ellipse: s-maj=336.6km s-min=62.7km az=75.0, Tonga Islands region

ISC 23 11:02:22.3:1.7,27:14N:143:42E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/34, mbtmp3.5/4, Error ellipse: s-maj=29.5km s-min=26.0km az=94.0, Bonin Islands region

ISC 23 11:14:06.7:0.9,27:15N:143:59E, h28km, M4.0, JMA 23 11:14:06.7:0.9,27:15N:143:59E, h28km, M4.0, ISC 23 11:14:06.7:0.9,27:15N:143:59E:0.09, h35km, n15, o1585/20, mb3.7/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Urewera, RPZ Rapa Teu, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, ASAR, WRA Warrungarra Arr, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, WRA Warrungarra Arr, ASAR Alice Springs, KURBK Kurchatov Arr, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, CMAR Chiang Mai Arr, WRA Warrungarra Arr, KURBK Kurchatov Arr, YKA Yellowknife Arr, NVAR Mina Arr.

ISC 23 10:47:05.0:0.8,26:77N:143:86E, h0km, mb3.6/8, mb1 3.8/10, mb1mx3.6/36, mbtmp3.6/10, ML2.9/2, Error ellipse: s-maj=24.1km s-min=16.1km az=73.0

ISC 23 11:04:21.0:2.5,27:14N:143:42E, h0km, mb3.5/4, mb1 4.0/18, mb1mx4.0/36, mbtmp3.8/18, ML3.3/2, Error ellipse: s-maj=17.5km s-min=17.4km az=73.0

ISC 23 11:24:49.2:6.2,26:91N:143:68E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.4/33, mbtmp3.4/33, ML3.5/1, Error ellipse: s-maj=55.1km s-min=30.6km az=68.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, MJAR Matushiro Arr, MAJO Matushiro, KSRS Korea Arr, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Arr, WRAB Warrungarra Arr, WRA Warrungarra Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, MAJO Matushiro, KSRS Korea Arr, USRK Ussuriysk Arr, KLR Kul'dur, SONM Sogingo Arr, WRAB Warrungarra Arr, WRA Warrungarra Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, CMAR Chiang Mai Arr, WRA Warrungarra Arr, KURBK Kurchatov Arr, YKA Yellowknife Arr, NVAR Mina Arr.

23d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matushiro Arr, USRK Ussuriysk Arr, SONM Songoing Array, etc.

ISCJB 23 11:33:06.5, 0.9, 26.8N; 0.1, 143.4E; 0.2, h10km, mb3.5/7, Error ellipse: s-maj=24.9km s-min=15.1km az=160.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matushiro Arr, JNU Nakutsue, KLR Kul'dur, etc.

ISC 23 11:39:26.6, 0.7, 26.94N; 143.54E, h0km, mb4.0/20, mb1 4.2/23, mb1mx4.1/38, mbtmp4.0/23, ML3.6/3, MS3.4/3, s-min=15.5km az=163.0

NEIC 23 11:39:28.3, 0.3, 26.98N; 143.52E, h10km, mb4.5/2, Error ellipse: s-maj=8.0km s-min=7.1km az=65.0

ISCJB 23 11:39:31.8, 0.6, 26.72N; 0.05, 143.42E; 0.06, h33km, mb4.0/23, MS3.9/1, Error ellipse: s-maj=8.7km s-min=3.3km az=136.3

JMA 23 11:39:32.0, 0.1, 27.04N; 143.32E, h22km, M4.4, ISC 23 11:39:32.9, 0.7, 27.15N; 0.07, 143.38E; 0.13, h35km, n45, s129/48, mb4.1/23, MS3.5/3, Bonin Islands region

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

DDA 23 11:40:13.8, 37.29N; 37.16E, h1km, Md2.6, ISCJB 23 11:40:14.2, 0.5, 37.23N; 0.03, 37.19E; 0.03, h0km, Error ellipse: s-maj=5.0km s-min=3.5km az=170.6

2010 DEC

ISK 23 11:40:14.7, 37.28N; 37.14E, h8km, Md2.6, CSEM 23 11:40:15.0, 0.2, 37.29N; 37.15E, h1km, MD2.6, Error ellipse: s-maj=5.2km s-min=4.6km az=140.0, Mining explosion.

ISC 23 11:40:15.2, 0.9, 37.29N; 0.03, 37.17E; 0.02, h0km, n24, s0561/36, Turkey

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

ISC 23 11:46:03.6, 2.1, 26.98N; 143.64E, h0km, mb3.6/4, mb1 3.5/5, mb1mx3.4/2, mbtmp3.4/5, ML3.0/1, Error ellipse: s-maj=46.7km s-min=27.0km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, USRK Ussuriysk Arr, etc.

ISC 23 11:49:22.9, 0.7, 26.56N; 143.73E, h0km, mb3.8/16, mb1 4.0/17, mb1mx3.9/42, mbtmp3.8/17, ML3.4/1, MS2.8/5, s-min=15.6km az=39.0

ISCJB 23 11:49:23.1, 0.5, 26.58N; 0.08, 143.61E; 0.06, h10km, mb3.9/18, MS2.7/3, Error ellipse: s-maj=12.6km s-min=7.1km az=61.0

NEIC 23 11:49:24.7, 0.5, 26.62N; 143.69E, h10km, mb4.3/2, Error ellipse: s-maj=13.9km s-min=11.0km az=54.0

ISC 23 11:49:24.9, 0.7, 26.60N; 0.1, 143.61E; 0.08, h10km, n30, s133/28, mb3.9/18, MS2.6/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, MJAR Matushiro Arr, etc.

ISC 23 11:53:09.0, 1.1, 27.04N; 143.96E, h0km, mb3.7/8, mb1 3.9/11, mb1mx3.8/42, mbtmp3.7/11, ML3.1/3, MS3.5/1, Ms1 3.5/1, ms1mx2.2/50, Error ellipse: s-maj=25.8km s-min=20.5km az=175.0

ISCJB 23 11:53:09.1, 0.8, 27.1N; 0.1, 143.84E; 0.08, h10km, mb3.7/8, MS3.5/1, Error ellipse: s-maj=17.4km s-min=9.8km az=170.0

ISC 23 11:53:10.6, 1.0, 27.1N; 0.1, 143.81E; 0.09, h10km, n43, s124/13, mb3.7/8, Bonin Islands region

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

1294

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matushiro Arr, KSRs Korea Array, etc.

ISCJB 23 11:54:11.9, 0.5, 26.87N; 0.07, 143.97E; 0.06, h10km, mb3.9/13, Error ellipse: s-maj=10.6km s-min=7.4km az=9.8

ISC 23 11:54:12.2, 0.8, 26.93N; 144.07E, h0km, mb3.9/12, mb1 4.1/15, mb1mx4.0/42, mbtmp3.8/15, ML3.2/3, Error ellipse: s-maj=20.0km s-min=18.9km az=62.0

NEIC 23 11:54:13.6, 0.5, 26.91N; 144.03E, h10km, mb4.4/1, Error ellipse: s-maj=13.3km s-min=9.4km az=69.0

ISC 23 11:54:13.7, 0.7, 26.88N; 0.10, 143.93E; 0.08, h10km, n24, s1505/26, mb3.9/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichijima, MAJO Matushiro Arr, etc.

AUST 23 11:55:22.0, 7.1, 18.26S; 173.77W, h0km, Error ellipse: s-maj=1.5km s-min=1.4km az=356.0

ISC 23 11:55:22.7, 0.5, 18.36S; 173.92W, h0km, mb4.6/21, mb1 4.7/22, mb1mx4.6/38, mbtmp4.5/22, ML4.2/1, MS3.8/14, Ms1 3.8/14, ms1mx3.6/37, Error ellipse: s-maj=18.2km s-min=13.4km az=137.0

BJI 23 11:55:23.6, 18.47S; 173.97W, h12km, mb5.0/12, mb5.5/11, MS5.3/7, Ms7.4/8.7

NEIC 23 11:55:24.6, 0.1, 18.31S; 173.98W, h10km, mb5.1/58, Error ellipse: s-maj=7.6km s-min=4.2km az=133.0

ISCJB 23 11:55:26.4, 0.1, 18.36S; 0.04, 174.00W; 0.04, h33km, mb4.9/80, MS3.9/14, Error ellipse: s-maj=6.3km s-min=3.3km az=136.1

MOS 23 11:55:27.2, 6.2, 18.20S; 174.12W, h26km, mb5.1/20, Error ellipse: s-maj=11.2km s-min=8.9km az=140.9

BGR 23 11:55:29.5, 18.19S; 173.19W, h39km, mb5.3/11, Error ellipse: s-maj=18.50S; 0.06, 173.99W; 0.06, h43km, n436, s1908/427, mb4.9/79, MS3.9/14, 22C-23D, Tonga Islands

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

ISC 23 11:55:28.9, 0.3, 18.80S; 0.06, 173.99W; 0.06, h43km, n436, s1908/427, mb4.9/79, MS3.9/14, 22C-23D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HIZ Hauri, MCHZ McNeill Hill, etc.

1295

Table with columns: PPT2, Papeete2, 23.13 91 eLQ, LQ, 12 04 54.1, etc. Includes rows for PPT2, TBI, THZ, KHZ, etc.

2010 DEC

Table with columns: BELC, Belle Mtn. Jos, 75.98 46 P, P, 12 07 11.0 -0.9, etc. Includes rows for M02C, GSC, DAC, etc.

23d 11h

Table with columns: SDCO, Great Sand Dun, 85.21 48 P, P, 12 08 00.8 -0.5, etc. Includes rows for DOT, MLY, 631A, etc.

23d 12h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GYA, HKT, I25A, SYO, etc.

2010 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BOSA, FINES, KIV, AKASG, etc.

1296

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ABTA, FUORN, DIVS, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like MJAR Matushiro Arr, KSRS Korea Array, USRK USSuriysk Arr, etc.

ISCJB 23 12:19:08.4, 0.5, 27.10N, 0.07, 143.49E, 0.06, h10km, mb3.8/17, Error ellipse: s-maj=9.8km s-min=7.7km az=168.1

IDC 23 12:19:08.5, 0.7, 27.06N, 143.58E, h0km, mb3.8/16, mb1.4/9, mb1mx3.8/66, mbtmp3.8/17, ML3.9/1, Error ellipse: s-maj=19.1km s-min=15.0km az=97.0

NEIC 23 12:19:10.1, 0.4, 27.34E, h10km, mb4.2/1, Error ellipse: s-maj=10.6km s-min=7.4km az=86.0

ISC 23 12:19:10.3, 0.8, 27.1N, 0.1, 143.47E, 0.07, h10km, n25, c0822/29, mb3.9/17, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like CBJI Chichi jima, MJAR Matushiro Arr, MAJO Matushiro, etc.

IDC 23 12:19:19.4, 2.8, 27.15N, 143.68E, h0km, mb4.0/6, mb1.4/9, mb1mx3.7/68, mbtmp4.0/9, ML3.8/2, MS3.6/5, Error ellipse: s-maj=64.8km s-min=33.4km az=9.0

ISC 23 12:19:21.4, 2.3, 27.22N, 0.3, 143.6E, 0.2, h10km, n9, c085/9, mb4.0/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like MJAR Matushiro Arr, KSRS Korea Array, USRK USSuriysk Arr, etc.

IDC 23 12:24:17.1, 0.6, 52.29N, 171.19E, h0km, mb4.4/38, mb1.4/6, mb1mx4.5/65, mbtmp4.4/40, ML3.8/2, MS3.6/5, MS1.3/6, ms1mx3.2/33, Error ellipse: s-maj=17.2km s-min=10.0km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like SMY Shemya, LSNW Little Sitkin, LSSA Little Sitkin, etc.

IDC 23 12:24:18.9, 0.2, 52.29N, 171.24E, 0.03, h24km, mb4.7/14, MS3.9/4, Error ellipse: s-maj=6.5km s-min=2.4km az=6.9

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like DLBC Dease Lake, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

IDC 23 12:24:19.8, 5.3, 41N, 171.02E, h21km, mb4.7/26, mb5.1/13, Ms4.8/8, Ms7.4/4, Error ellipse: s-maj=7.7km s-min=5.4km az=93.0

NEIC 23 12:24:21.3, 0.7, 52.93N, 171.09E, h25km, 5km, mb4.8/9/1, Error ellipse: s-maj=7.3km s-min=3.1km az=187.0

1299

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like HVU Hansel Valley, SMCC Simmler, YES Vestal, Richgr, etc.

2010 DEC

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like MAK2 Makanchi, C30A Mose, Pekin, F28A McLaughlin, etc.

23d 12h

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like EYMN Ely, E36A McGregor, TMCR Tamitsa, etc.

comp-Z,104nm,20.4s,baz=3.5,slow=36	LR	12 42 10.6	
PETK Petrovskovsk- comp-Z,70nm,21.6s,baz=191,slow=36	LR	12 42 10.6	
HIA Hailar 28.64 327 eP	P	12 31 12.0 +1.7	
comp-Z,32nm,0.9s	Pmax		
HIA Hailar 28.64 327 eP	P	12 31 12.0 +1.7	
comp-Z,32nm,0.9s	P		
HHC Hu-ho-hao-lee	eP	12 31 21.6 +3.1	
HHC	P	12 32 13.6 +1.0	
HHC	S	12 36 16.1 +2.3	
HHC	SS	12 37 51.9 +1.1	
HHC	PMZ		
comp-Z,22nm,1.5s	PMZ		
comp-Z,170nm,3.7s	LN		
HHC	LE		
comp-Z,420nm,14.9s	LE		
HHC	LZ		
comp-Z,200nm,12.4s	LR		
SIJI Sorong 30.21 205	LR	12 42 29.8	
comp-Z,260nm,18.1s,baz=12,slow=34	LR		
XAN Xi'an 30.36 292	P	12 31 24.3 -1.4	
XAN	PMZ		
comp-Z,30nm,0.7s	P		
QIZ Qiongzong 31.84 262	P	12 31 37.9 -0.9	
QIZ	S	12 36 49.8 -0.2	
QIZ	PMZ		
comp-Z,170nm,4.4s	P		
GYA Guiyang 32.73 277	P	12 31 45.1 -1.6	
GYA	Pp	12 32 56.8 +2.2	
GYA	PcP	12 34 33.4 +1.0	
GYA	S	12 37 04.0 +0.1	
GYA	SS	12 39 01.3 +2.4	
GYA	PMZ		
comp-Z,20nm,0.8s	PMZ		
GYA	LN		
comp-Z,130nm,5.2s	PMZ		
GYA	LE		
comp-Z,560nm,17.9s	LE		
GYA	LZ		
comp-Z,510nm,18.0s	LZ		
LAZ Magadan 32.80 7	LR	12 45 32.9	
comp-Z,53nm,19.5s,baz=206,slow=54	LR		
MZH Lanzhou 34.65 295	eP	12 32 06.8 +3.4	
MZH	pP	12 32 10.9 +5.9	
MZH	sP	12 32 13.1 +7.4	
MZH	PMZ		
comp-Z,33nm,1.0s	PMZ		
LZH	PMZ		
comp-Z,55nm,4.0s	PMZ		
LZH	LN		
comp-Z,280nm,15.6s	LN		
LZH	LE		
comp-Z,420nm,13.7s	LE		
LZH	LZ		
comp-Z,330nm,18.2s	LZ		
CD2 Chengdu 34.74 286	P	12 32 02.6 -1.5	
CD2	S	12 37 28.6 -6.4	
CD2	PMZ		
comp-Z,60nm,1.1s	P		
ULN Ulaanbaatar 35.03 316	P	12 32 07.3 +0.8	
ULN	Pmax		
comp-Z,12nm,1.1s	Pmax		
YAK Yakutsk 36.06 349	P	12 32 15.1 +0.2	
YAK	Pmax		
comp-Z,10.0nm,0.9s	Pmax		
SEY Seymchan 36.26 7	P	12 32 17.9 +1.2	
comp-Z,4.4nm,0.8s,baz=206,slow=7.5,SNR=4.4	P		
SLVN Son La 36.37 270	eP	12 32 17.6 -0.6	
SLVN	P		
comp-Z,1.6nm,0.9s	P		
KMI Kunming 36.45 276	P	12 32 19.6 +0.5	
KMI	PMZ		
comp-Z,14nm,0.8s	PMZ		
KMI	PMZ		
comp-Z,100nm,4.1s	PMZ		
PMG Port Moresby 36.53 174	LR	12 46 28.5	
comp-Z,33nm,18.3s,baz=355,slow=35	LR		
PANO Nakornpanom 37.15 263	P	12 32 26.0 +1.2	
comp-Z,56nm,1.9s,comp-Z,2um	P		
SKNT Sakolnakan 37.77 203	P	12 32 30.4 +0.2	
comp-Z,30nm,1.1s	P		
GTA Gaotai 38.09 300	eP	12 32 31.8 -1.0	
GTA	pP	12 32 36.0 +1.6	
GTA	sP	12 32 39.0 +4.0	
GTA	S	12 36 24.8 -1.4	
GTA	sS	12 38 32.9 -3.3	
GTA	SS	12 41 01.3 -7.3	
GTA	SnSn		
comp-Z,10.0nm,1.1s	PMZ		
GTA	PMZ		
comp-Z,110nm,6.4s	LN		
GTA	LN		
comp-Z,210nm,16.6s	LN		
GTA	LE		
comp-Z,210nm,13.8s	LE		
GTA	LZ		
comp-Z,220nm,14.5s	LZ		
NONG Nongkai 38.11 265	P	12 32 33.0 0.0	
comp-Z,50nm,1.3s,comp-Z,2um	P		
ZAK Zakamensk 38.28 318	eP	12 32 34.2 0.0	
ZAK	Pmax		
comp-Z,12nm,1.3s	Pmax		
TLY Talaya 38.58 320	P	12 32 37.3 +0.7	
comp-Z,8.6nm,0.8s,baz=186,slow=3.1,SNR=7.5	P		
TLY Talaya 38.58 320	eP	12 32 38.4 +1.8	
TLY	Pmax		
comp-Z,47nm,1.9s	Pmax		
TLY	MLR		
comp-Z,340nm,18.0s	MLR		
KHON Khomkhan 39.04 263	P	12 32 41.0 +0.2	
comp-Z,11nm,0.8s	P		
CRAI Chiangrai 39.85 270	P	12 32 39.3 -8.3	
comp-Z,11nm,0.8s	P		
UTTA Uttaradit 40.53 266	P	12 32 53.1 -0.1	
comp-Z,5.7nm,0.9s	P		
PHRA Phrae 40.55 267	P	12 32 52.9 -0.5	
comp-Z,587nm,0.7s,comp-Z,46um	P		
PBKT Sadao Pong 40.59 264	P	12 32 53.6 -0.1	
comp-Z,52nm,0.9s,comp-Z,1um	P		
SRAK Srakawet 40.68 260	P	12 32 50.2 -4.2	
comp-Z,19nm,1.1s	P		
CMMT Chiang Mai 41.59 268	P	12 33 01.0 -0.9	
comp-Z,19nm,1.1s	P		
CHTO Chiang Mai 41.59 268	P	12 33 01.1 -0.8	
comp-Z,65nm,1.1s	P		
CHTO Chiang Mai 41.59 268	eP	12 33 00.7 -1.2	
CHTO	Pmax		
comp-Z,18nm,1.1s	Pmax		
CHTO Chiang Mai 41.59 268	eP	12 33 00.7 -1.2	
CHTO	P		
comp-Z,8nm,1.1s	P		
CM01 Chiang Mai Arr 41.71 268	eP	12 33 01.7 -1.2	
comp-Z,9.3nm,1.0s,baz=58,slow=8.5,SNR=48	eP		
CMAR Chiang Mai Arr 41.71 268	P	12 33 02.5 -0.5	
comp-Z,9.3nm,1.0s,baz=58,slow=8.5,SNR=48	P		
CMAR Chiang Mai Arr 41.71 268	LR	12 49 44.1	
comp-Z,49nm,21.9s,baz=76,slow=35	LR		
UTHA Uthaitani 42.34 263	P	12 33 08.2 +0.2	
comp-Z,6.2nm,0.9s,comp-Z,86nm	P		
UMPA Umpang Tak 42.60 265	P	12 33 11.8 +1.5	
comp-Z,5.4nm,0.9s,comp-Z,86nm	P		
MHMT Maesarieng 42.71 268	P	12 33 10.8 -0.3	
comp-Z,12nm,1.0s,comp-Z,2um	P		
SRDT SRDT 43.11 262	P	12 33 16.4 +2.1	
comp-Z,51nm,1.3s,comp-Z,11um	P		
BILL Bilbino 43.16 12	P	12 33 15.5 +1.4	
BILL	Pmax		
comp-Z,34nm,2.2s	Pmax		
BILL Bilbino 43.16 12	eP	12 33 14.7 +0.6	
comp-Z,34nm,2.2s	eP		
KHLT Khaolaeng Dam 43.40 263	P	12 33 17.3 +0.6	
comp-Z,8.7nm,1.3s	P		
TIXI Tiksi 45.27 354	eP	12 33 28.9 -2.0	
TIXI	Pmax		
comp-Z,7.0nm,0.8s	Pmax		
TIXI Tiksi 45.27 354	eP	12 33 28.9 -2.0	
TIXI	P		
comp-Z,6.6nm,0.8s	P		
SHL Shillong 45.92 280	eP	12 33 38.0 +1.0	
comp-Z,6.6nm,0.8s	eP		
PPBI Pangkal Pinang 46.24 237	P	12 33 37.8 -1.8	
comp-Z,5.4nm,0.9s,comp-Z,2.86um	P		
WUQI Urumqi 47.42 306	P	12 33 47.8 -0.6	
WUQI	pP	12 35 17.0 -1.9	
WUQI	PcP	12 40 40.3 -2.8	
WUQI	ScS	12 43 39.0 -4.2	
WUQI	PMZ		
comp-Z,14nm,1.3s	PMZ		

WMQ	comp-Z,180nm,5.7s	LN	
WMQ	comp-Z,340nm,16.8s	LE	
WMQ	comp-Z,260nm,15.5s	LZ	
WMQ	comp-Z,370nm,17.4s	LZ	
WRAB Tennant Creek 47.62 192	eP	12 33 48.9 -1.1	
WRAB	Pmax		
comp-Z,23nm,0.8s	Pmax		
WRAB Tennant Creek 47.62 192	P	12 33 48.0 -2.0	
comp-Z,176nm,0.9s,SNR=13	P		
WRAB Tennant Creek 47.62 192	eP	12 33 48.9 -1.1	
comp-Z,23nm,0.8s	eP		
WRA Warramunga Arr 47.64 192	P	12 33 48.9 -1.2	
comp-Z,2.3nm,0.7s,baz=12,slow=8.6,SNR=71	P		
WC3 Warramunga Arr 47.65 192	eP	12 33 49.0 -1.1	
comp-Z,2.4nm,0.8s	eP		
FITZ Fitzroy Crossi 48.17 203	P	12 33 53.5 -0.8	
comp-Z,11nm,0.9s,baz=13,slow=6.1,SNR=8.2	P		
FITZ Fitzroy Crossi 48.17 203	eP	12 33 55.2 +0.9	
comp-Z,23nm,0.9s	eP		
PSI Prapat 48.93 248	P	12 33 59.7 -0.6	
comp-Z,5.4nm,0.6s,baz=10.4,slow=24,SNR=6.4	P		
PSI Prapat 48.93 248	eP	12 33 59.8 -0.6	
PSI	Pmax		
comp-Z,12nm,1.2s	Pmax		
PSI Prapat 48.93 248	eP	12 33 59.8 -0.6	
PSI	Pmax		
comp-Z,12nm,1.2s	Pmax		
TAPN Taplejung 49.14 284	eP	12 34 01.8 -0.4	
comp-Z,15nm,0.7s	eP		
ODAN Odare 49.54 283	eP	12 34 04.7 -0.4	
comp-Z,32nm,0.7s	eP		
ZAAO Zalesovo Array 50.16 319	eP	12 34 09.3 +0.2	
ZALV Zalesovo Beam 50.16 319	P	12 34 09.5 +0.4	
comp-Z,3.6nm,0.7s,baz=100,slow=7.1,SNR=9.8	P		
ZALV Zalesovo Beam 50.16 319	PcP	12 35 28.3 -0.1	
comp-Z,1.1nm,0.6s,baz=111,slow=3.7,SNR=2.3	PcP		
RAMN Ramite 50.20 284	eP	12 34 09.8 -0.4	
comp-Z,18nm,0.5s	eP		
JIRN Jiri 50.38 285	eP	12 34 11.8 +0.1	
comp-Z,5.8nm,0.7s	eP		
GUN Gumba 50.59 285	eP	12 34 13.2 -0.1	
comp-Z,114nm,1.1s	eP		
PKI Pulchoki 51.08 285	eP	12 34 16.2 -0.7	
comp-Z,44nm,1.2s	eP		
PKIN Phulchoki 51.09 285	eP	12 34 16.0 -0.9	
comp-Z,7.4nm,0.5s	eP		
KKN Kakan 51.14 285	eP	12 34 16.7 -0.5	
NVS Novosibirsk 51.19 320	P	12 34 18.0 +1.1	
MKAR Makanchi Array 51.27 310	P	12 34 18.0 +0.3	
comp-Z,2.1nm,0.6s,baz=84,slow=11,SNR=7.7	P		
MKAR Makanchi Array 51.27 310	P	12 34 18.0 +0.3	
comp-Z,2.1nm,0.6s,baz=84,slow=11,SNR=7.7	P		
DMN Damnan 51.33 285	eP	12 34 18.2 -0.5	
AS01 Alice Springs 51.34 191	P	12 34 18.0 +1.1	
ASAR Alice Springs 51.35 191	P	12 34 16.9 -1.6	
comp-Z,2.6nm,0.6s,baz=13,slow=7.2,SNR=52	P		
ASAR Alice Springs 51.35 191	PcP	12 35 31.0 -2.2	
comp-Z,1.3nm,0.8s,baz=18,slow=4.5,SNR=2.8	PcP		
MAKZ Makanchi 51.49 310	eP	12 34 19.9 +0.6	
comp-Z,18nm,1.5s	eP		
KOLN Koldanda 52.59 285	eP	12 34 27.7 -0.3	
comp-Z,40nm,1.0s	eP		
KDAK Kodiak Island 53.67 37	P	12 34 34.7 -0.5	
comp-Z,8.8nm,0.6s,baz=214,slow=3.8,SNR=5.8	P		
KURK Kurchatov 53.72 314	P	12 34 36.6 +0.9	
KURK Kurchatov 53.72 314	P	12 34 36.5 +0.9	
KURB Kurchatov Arra 53.77 314	P	12 34 36.5 +0.4	
comp-Z,1.5nm,0.5s,baz=90,slow=8.0,SNR=83	P		
BPAW Bear Paw Mtn. 55.29 29	eP	12 34 48.1 +1.1	
comp-Z,17nm,1.2s	eP		

23d 12h

FFC	comp=Z,96nm,0.8s,SNR=5.1	81.11	32	eP	P	12 37 29.5 +0.5
QLMT	Earthquake Lak	81.19	44	eP	P	12 37 31.2 +1.3
FURC	Furnace Creek, baz=81, SNR=5.6	81.53	53	eP	P	12 37 30.7 +0.9
YMR	Madison River comp=Z,1.6nm,0.9s	81.56	44	eP	P	12 37 33.6 +1.6
R11A	Troy Canyon, C baz=82	81.56	51	eP	P	12 37 30.8 -1.2
R11A	Troy Canyon, C	81.56	51	eP	P	12 37 32.0 -0.1
YNR	Norris Junction	81.72	44	eP	P	12 37 35.1 +2.3
PNV	comp=Z,2.6nm,1.5s	81.75	53	eP	P	12 37 31.8 -1.2
YFT	Topopah Spring baz=85	81.75	44	eP	P	12 37 35.8 +2.8
HVU	Hansel Valley comp=Z,1.2nm,0.9s	81.83	47	eP	P	12 37 34.5 +1.2
HVU	Hansel Valley comp=Z,6.0nm,0.8s	81.83	47	eP	P	12 37 34.5 +1.2
HVU	Hansel Valley comp=Z,6.0nm,0.8s	81.84	44	eP	P	12 37 36.5 +2.6
H17A	Grant Village comp=Z,1.8nm,1.1s	81.95	329	e	P	12 37 34.0 +0.5
NACGM	Naroch	82.02	44	eP	P	12 37 35.9 +1.6
FLWY	Flagg Ranch comp=Z,1.3nm,0.8s	82.08	48	eP	P	12 37 35.4 +0.7
BGU	Big Grassy Moun comp=Z,4.5nm,0.8s	82.11	54	eP	P	12 37 35.0 +0.1
GSC	Goldstone	82.11	54	eP	P	12 37 33.4 -1.5
GSC	Goldstone comp=Z,97nm,0.7s	82.11	54	eP	P	12 37 35.0 +0.1
GSC	Goldstone baz=82	82.11	54	eP	P	12 37 35.0 +0.1
SHOC	Shoshone	82.22	54	eP	P	12 37 34.1 -1.2
REDW	Red Top Meadow comp=Z,1.6nm,1.5s	82.28	45	eP	P	12 37 36.9 +1.1
RLMT	Red Lodge baz=82	82.37	43	eP	P	12 37 34.6 -1.6
RLMT	Red Lodge comp=Z,9.4nm,0.8s	82.37	43	eP	P	12 37 37.2 +1.0
AHID	Auburn Hatcher comp=Z,1.1nm,0.9s	82.42	46	eP	P	12 37 37.4 +0.8
DUG	Dugway	82.58	49	eP	P	12 37 37.7 +0.4
DUG	Dugway comp=Z,1.6nm,0.8s	82.58	49	eP	P	12 37 37.3 +0.1
DUG	Dugway baz=82,SNR=19	82.58	49	eP	P	12 37 37.7 +0.4
DUG	Dugway comp=Z,1.6nm,0.8s	82.68	55	eP	P	12 37 36.8 -1.0
HEC	Hector,Ludlow baz=83	82.69	54	eP	P	12 37 36.7 -1.2
TUQ	Turquoise Moun baz=83	82.70	47	eP	P	12 37 38.8 +0.9
HWUT	Hardware Ranch comp=Z,1.3nm,0.8s	82.73	53	eP	P	12 37 38.9 +0.8
SHRP	Sheep Range	83.16	56	iP	P	12 37 41.1 +0.7
PFO	Pinyon Flat Ob	83.19	49	eP	P	12 37 41.9 +0.3
NLU	North Lily Min comp=Z,6.9nm,0.8s	83.19	54	eP	P	12 37 39.5 -1.1
GMRC	Granite Mounta baz=83	83.21	324	eP	P	12 37 39.8 -0.3
AKASG	Malin Array Be comp=Z,2.9nm,0.6s,baz=44,slow=5.1,SNR=9.0	83.22	324	eP	P	12 37 40.0 -0.1
KIEV	Kiev	83.22	324	eP	P	12 37 40.0 -0.1
KIEV	Kiev comp=Z,10.0nm,0.8s	83.22	324	eP	P	12 37 40.0 -0.1
KIEV	Kiev comp=Z,9.5nm,0.8s	83.31	55	eP	P	12 37 39.9 -1.3
BELC	Belle Mtn. Jos baz=83	83.35	41	eP	P	12 37 40.5 -0.5
LAO	LASA Array baz=83	83.35	41	eP	P	12 37 42.1 +1.1
LAO	LASA Array comp=Z,1.6nm,1.0s	83.40	45	eP	P	12 37 41.3 -0.3
BW06	Boulder Array	83.40	45	eP	P	12 37 41.6 -1.7
PDAR	Pinedale Array, baz=40, slow=3.4, SNR=21	83.44	54	eP	P	12 37 41.8 0.0
LDCC	Landfair comp=Z,1.0nm,0.8s	83.49	51	eP	P	12 37 43.0 +0.8
LUFC	Cedar City comp=Z,7.2nm,1.3s	83.52	38	eP	P	12 37 41.1 -0.8
DGMT	Dagmar baz=83	83.52	38	eP	P	12 37 42.3 +0.5
DGMT	Dagmar comp=Z,1.0nm,0.8s	83.79	337	eP	P	12 37 42.7 -0.2
HFS	Hagfors comp=Z,3.0nm,0.8s,baz=50,slow=4.5,SNR=3.0	83.83	50	eP	P	12 37 44.5 +0.6
MSU	Marysvalle	83.83	50	eP	P	12 37 44.5 +0.6
MSU	Marysvalle	83.85	339	eP	P	12 37 42.9 -0.9
NB2	NORSAR Subarra comp=Z,4.0nm,0.9s,baz=44,slow=5.1	83.95	339	eP	P	12 37 43.1 -0.7
NOA	NORSAR Array B, comp=Z,1.3nm,0.7s,baz=47,slow=4.6,SNR=3.5	83.95	339	eP	P	12 37 43.1 -0.7
TMUT	Trail Mountain comp=Z,1.3nm,0.6s	84.09	49	eP	P	12 37 46.0 +0.7
SUW	Suwalki	84.16	329	eP	P	12 37 44.8 -0.1
SUW	Suwalki	84.16	329	eP	P	12 37 44.9 -0.1
GLA	Glamis	84.62	56	eP	P	12 37 48.4 +0.6
GLA	Glamis comp=Z,9um,0.5s	84.62	56	eP	P	12 37 48.4 +0.6
GLA	Glamis comp=Z,1.9nm,0.7s	84.65	49	eP	P	12 37 48.4 +0.4
SRU	San Rafael	84.65	49	eP	P	12 37 48.4 +0.4
SRU	San Rafael comp=Z,1.9nm,0.7s	84.75	39	eP	P	12 37 47.3 -0.9
D25A	Fieldfire baz=85	85.04	38	eP	P	12 37 48.7 -0.9
C26A	Wahner Farm, P baz=85	85.08	40	eP	P	12 37 49.1 -0.7
E25A	Miller Ranch, baz=85	85.32	39	eP	P	12 37 50.6 -0.4
D26A	Manning baz=85	85.36	44	eP	P	12 37 51.2 -0.3
K22A	Casper baz=85,SNR=7.6	85.36	44	eP	P	12 37 51.7 +0.2
K22A	Casper comp=Z,1.2nm,0.8s	85.37	40	eP	P	12 37 51.2 -0.1
F25A	Bowman baz=85	85.62	47	eP	P	12 37 52.3 -0.6
O20A	White River Ci baz=86,SNR=7.8	85.62	47	eP	P	12 37 53.1 +0.3
O20A	White River Ci comp=Z,2.1nm,1.1s	85.62	39	eP	P	12 37 52.0 -0.6
E26A	Carlson Angus baz=86	85.81	41	eP	P	12 37 52.8 -0.7
G25A	Newell baz=86	85.86	40	eP	P	12 37 53.1 -0.7
F26A	Lodgepole baz=86	85.89	52	eP	P	12 37 53.1 -1.1
WUAZ	Wupatki	85.89	52	eP	P	12 37 55.0 +0.8
WUAZ	Wupatki comp=Z,1.52nm,0.9s	85.89	49	eP	P	12 37 54.9 +0.5
PV09	Paradox Valley	85.92	36	eP	P	12 37 54.4 +0.5
A29A	Manning Farm, baz=86,SNR=9.1	86.02	49	eP	P	12 37 55.2 +0.3
PV10	Paradox Valley	86.03	41	eP	P	12 37 55.0 +0.3
H25A	Fruitdale baz=86,SNR=16	86.04	37	eP	P	12 37 53.9 -0.6
C28A	Hausauer Farms baz=86	86.06	42	eP	P	12 37 54.9 -0.1
RSSD	Black Hills	86.06	42	eP	P	12 37 54.9 -0.1
RSSD	Black Hills comp=Z,8.0nm,0.8s	86.06	42	eP	P	12 37 54.9 -0.1
RSSD	Black Hills comp=Z,8.5nm,0.8s	86.11	294	eP	P	12 37 56.9 +1.5
RAYN	Ar Rayn comp=Z,1.36nm,1.3s,SNR=7.6	86.11	294	eP	P	12 37 56.5 +1.1
RAYN	Ar Rayn comp=Z,3.3nm,1.2s	86.14	49	eP	P	12 37 55.9 +0.4
PV05	Paradox Valley	86.14	36	eP	P	12 37 54.8 -0.2
B29A	Wagenman Farm, baz=86	86.22	40	eP	P	12 37 55.9 +0.3
F27A	Lemmon baz=86,SNR=11	86.23	40	eP	P	12 37 55.7 +0.1
G26A	Maurine baz=86,SNR=5.4	86.30	42	eP	P	12 37 56.2 0.0
I25A	Rochford baz=86,SNR=9.0	86.38	37	eP	P	12 37 56.7 +0.5
MDND	Maddock	86.38	37	eP	P	12 37 56.7 +0.5

2010 DEC

A30A	Hoffart Farm, baz=86,SNR=6.6	86.40	36	eP	P	12 37 56.7 +0.4
PV01	Paradox Valley	86.46	49	eP	P	12 37 57.3 +0.2
G27A	Dupont baz=86,SNR=8.0	86.56	40	eP	P	12 37 57.6 +0.4
J25A	Sunshine Ranch baz=86	86.61	42	eP	P	12 37 57.6 0.0
N23A	Red Feather L	86.69	45	eP	P	12 37 58.2 0.0
N23A	Red Feather L comp=Z,1.7nm,1.0s	86.69	45	eP	P	12 37 58.8 +0.6
B30A	Myrvik Farm, E baz=86,SNR=7.1	86.69	36	eP	P	12 37 58.1 +0.4
BRTR	Keskin Array B comp=Z,1.6nm,0.7s,baz=110,slow=3.9,SNR=4.1	86.75	313	eP	P	12 37 59.1 +0.8
ULM	Lac du Bonnet comp=Z,2.3nm,0.6s,baz=327,slow=5.6,SNR=4.0	86.80	34	eP	P	12 37 57.2 -1.0
I26A	New Underwood baz=87,SNR=5.4	86.81	41	eP	P	12 37 58.8 +0.4
D29A	Petitione, Tap baz=87	86.86	38	eP	P	12 37 58.6 0.0
H27A	Hoves baz=87,SNR=7.8	86.91	41	eP	P	12 37 59.2 +0.2
F28A	McLaughlin baz=87	86.92	39	eP	P	12 37 59.5 +0.5
SMCO	Snowmass baz=87	86.96	47	eP	P	12 38 00.1 +0.4
A31A	Linda, St. Vin baz=87	86.98	35	eP	P	12 37 59.5 +0.4
MVCO	Mesa Verde baz=87	87.00	49	eP	P	12 37 59.7 0.0
MVCO	Mesa Verde comp=Z,2.2nm,0.8s	87.00	49	eP	P	12 38 00.4 +0.7
B31A	Greenbush Farm baz=87	87.06	36	eP	P	12 37 59.9 +0.4
C30A	Moss, Pekin baz=87,SNR=6.3	87.07	37	eP	P	12 37 59.9 +0.3
J26A	Sides Ranch, S baz=87,SNR=6.3	87.09	42	eP	P	12 37 59.9 0.0
E29A	Napoleon baz=87	87.14	38	eP	P	12 38 00.2 +0.3
BR231	Keskin MP Arra I27A	87.25	314	eP	P	12 38 01.1 +2.4
I27A	Quinn baz=87,SNR=5.9	87.26	41	eP	P	12 38 01.1 +0.5
D30A	Buchanan baz=87,SNR=7.5	87.29	37	eP	P	12 38 01.1 +0.4
A32A	Rocking H Ranch baz=87	87.34	35	eP	P	12 38 00.7 -0.1
C31A	Laman Farms, baz=87,SNR=7.6	87.41	36	eP	P	12 38 01.3 +0.1
F29A	Eureka baz=87	87.48	39	eP	P	12 38 02.0 +0.4
ISCO	Idaho Springs baz=87	87.50	46	eP	P	12 38 00.8 -1.4
E30A	Jud baz=87,SNR=7.2	87.58	38	eP	P	12 38 01.1 -1.0
B32A	Ashes, Strandq baz=87	87.65	35	eP	P	12 38 01.6 -0.8
I28A	Midland baz=88,SNR=7.1	87.81	41	eP	P	12 38 02.4 -0.9
S22A	4UR Ranch, Cre baz=88	87.83	48	eP	P	12 38 03.1 -0.7
D31A	Hotelin, Tow baz=88	87.88	37	eP	P	12 38 03.4 -0.1
A33A	Warroad baz=88	87.89	34	eP	P	12 38 02.5 -1.0
F30A	Leola baz=88	87.92	38	eP	P	12 38 02.8 -1.0
AGMN	Agassiz Nation baz=88,SNR=6.0	88.06	35	eP	P	12 38 03.2 -1.1
AGMN	Agassiz Nation comp=Z,1.6nm,1.0s	88.06	35	eP	P	12 38 04.1 -0.2
E31A	Nome baz=88,SNR=13	88.10	37	eP	P	12 38 03.5 -1.0
J28A	Allard Ranch, baz=88	88.11	41	eP	P	12 38 03.4 -1.3
G30A	Faulkton baz=88	88.29	39	eP	P	12 38 04.6 -0.9
I29A	Vivian Onida baz=88	88.30	40	eP	P	12 38 05.0 -0.6
F31A	Hecla baz=88,SNR=5.7	88.33	38	eP	P	12 38 04.8 -0.8
C33A	Trail baz=88	88.45	35	eP	P	12 38 05.3 -0.9
B34A	Aesr, Baudette baz=88	88.55	34	eP	P	12 38 05.5 -1.2
J29A	Okreek baz=88	88.66	41	eP	P	12 38 06.3 -1.0
G31A	Conde baz=88	88.75	38	eP	P	12 38 06.5 -1.1
D33A	AnnSam, Waubun baz=89,SNR=5.1	88.81	36	eP	P	12 38 06.8 -1.1
SUSD	South Dakota S baz=89	88.81	39	eP	P	12 38 06.8 -1.2
I30A	Oacoma baz=89,SNR=5.9	88.87	40	eP	P	12 38 07.2 -1.1
F32A	Veblen baz=89	88.94	37	eP	P	12 38 07.5 -1.0
C34A	RKJ Ranch, Bem baz=89	88.97	35	eP	P	12 38 07.6 -1.0
B35A	Bob, Littlefor baz=89	89.10	34	eP	P	12 38 08.5 -0.7
G32A	Wester baz=89	89.12	38	eP	P	12 38 08.5 -0.9
E33A	Westby DABS, E baz=89,SNR=7.2	89.14	36	eP		

1305

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DPC Dobruska-Polom, CLC Dobruska-Polom, DLL Collim, etc.

DJA 23 12:42:49.3±0.5, 3.5±12.7E, h50km, mb4.1/12, mb4.5/5, mb5.0/3, MLV4.0/12, Mw(mb)4.3/3, Buru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NLAI Namlea, SANI Sanana, SANI Masochi, etc.

PGC 23 12:47:17.3±2.9, 50.47N, 130.24W, h10km, ML3.1/9, Mw3.7/9, 200km west of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PHC Port Hardy, FHRB Fair Harbour, TLBC Telegraph Cove, etc.

IDC 23 12:47:53.8±0.6, 27.12N, 143.60E, h0km, mb4.0/19, mb1.4/2.22, mb1.6mx4.2/37, mb1mp4.0/22, ML3.6/3, Error ellipse: s-maj=16.3km s-min=14.4km az=91.0

NEIC 23 12:47:55.0±0.4, 27.11N, 143.59E, h10km, mb4.7/7, Error ellipse: s-maj=2.4km s-min=7.7km az=72.0

JMA 23 12:47:56.1±0.2, 27.26N, 143.64E, h27km, M4.5, ISCJB 23 12:47:57.9±0.5, 27.30N, 143.56E, 0.05, h33km, mb4.3/32, Error ellipse: s-maj=7.2km s-min=5.1km az=27.1

ISC 23 12:47:59.6±0.6, 27.19N, 143.49E, 0.07, h35km, m58, ±120/65, mb4.3/32, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, JHJ2 Mitsune, etc.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ILAR Eielson Array, STKA Stephens Creek, BRVK Boroyevo, etc.

ISCJB 23 12:48:25.8±1.9, 27.11N, 143.95E, 0.2, h10km, mb4.0/12, Error ellipse: s-maj=51.7km s-min=22.1km az=7.1

IDC 23 12:48:26.4±1.3, 27.25N, 143.87E, h0km, mb4.0/12, mb1.4/1.12, mb1.6mx4.0/33, mb1mp3.9/12, Error ellipse: s-maj=42.0km s-min=24.9km az=17.0

ISC 23 12:48:26.5±1.4, 27.02N, 143.95E, 0.2, h10km, n14, ±66/15, mb4.0/12, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KLR Kul'dur, SONM Songo Array, MKAR Makanchi Array, etc.

MAN 23 12:51:24, 12.84N, 122.89E, h27km, mb4.9, ML3.8, MS3.8, 1C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AUQP San Andres, MMHP Masbate, GQP Guinayangan, etc.

CSEM 23 12:52:05.7, 39.60N, 29.66W, h10km, ML3.2, After PDA PDA 23 12:52:05.7±1.4, 39.60N, 29.66W, h10km, M3.5, ML3.2, Error ellipse: s-maj=33.0km s-min=11.7km az=63.0

Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CALA Caldeira, CALA Caldeira, HOR Horta, etc.

IDC 23 12:54:27.5±7.4, 26.86N, 144.84E, h0km, mb3.9/4, mb1.4/0.5, mb1.6mx3.5/5, mb1mp3.8/5, ML3.4/1, Error ellipse: s-maj=250.3km s-min=24.2km az=76.0, Bonin islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MJAR Matsushiro Arr, SONM Songo Array, WRA Warramunga Arr, etc.

ISCJB 23 12:57:02.0±1.1, 27.3N, 143.7E, 0.1, h10km, mb3.5/5, Error ellipse: s-maj=20.4km s-min=11.4km az=157.8

23d 13h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

IDC 23 13:03:29.0±0.4, 26.72N, 143.88E, h0km, mb4.4/27, mb1.4/6.3/1, mb1mx4.5/50, mb1mp4.4/31, ML3.6/4, MS3.4/13, M5.1 3.4/13, m1mx3.2/4.3, Error ellipse: s-maj=14.5km s-min=10.8km az=85.0

BUI 23 13:03:30.9±26.49N, 143.54E, h12km, mb4.6/42, mb5.0/24, M5.4/78, M5.7 4/9

NEIC 23 13:03:30.7±0.3, 26.69N, 143.80E, h10km, mb4.9/14, Error ellipse: s-maj=8.0km s-min=6.2km az=79.0

ISCJB 23 13:03:32.9±1.9, 27.02N, 143.78E, 0.05, h23km, 12km, mb4.7/48, MS3.4/8, Error ellipse: s-maj=7.5km s-min=5.8km az=36.1

JMA 23 13:03:32.0±0.1, 27.10N, 143.77E, h14km, 4km, M5.0

ISC 23 13:03:30.2±1.7, 26.79N, 143.88E, 0.06, h6km, 9km, n126, ±166/126, mb4.7/48, MS3.5/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, JCJ Chichijima, etc.

23d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

ISJCJB 23 13:04:44.0, 0.5, 40.81N, 0.03:27.38E:0.03, h7km, 3km, Error ellipse: s-maj=4.7km s-min=3.6km az=148.9

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

ISJCJB 23 13:12:00.8, 0.7, 27.06N, 0.10:143.90E:0.08, h10km, mb3.7/11, Error ellipse: s-maj=14.3km s-min=9.7km az=172.4

1306

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

ISJCJB 23 13:23:36.5, 2.4, 31.37S:68.83W, h92km, 20km, mb3.7/5, mb1.4/0.9, mb1mx3.8/28, mbtmp.4/1.9, Error ellipse: s-maj=27.3km s-min=21.4km az=84.0

23d 14h

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=12, SNR=13, etc.).

2010 DEC

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=12, SNR=13, etc.).

1310

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=12, SNR=13, etc.).

SPB5	Spitsbergen Ar	48.19 353	eP	P	14 09 10.6	-0.3
SPB1	Spitsbergen Ar	48.19 353	eP	P	14 09 10.5	-0.4
SPA1	Spitsbergen Ar	48.20 353	eP	P	14 09 10.6	-0.3
SPA0	Spitsbergen Ar	48.20 353	iP	P	14 09 09.9	-1.1
SPA0	comp-Z,262nm,0.8s		iAmb	IAmb	14 10 13.6	
SPA0	Spitsbergen Ar	48.20 353	eS	S	14 16 08.4	+0.4
SPA0	Spitsbergen Ar	48.20 353	eP	P	14 09 10.7	-0.2
SPA2	Spitsbergen Ar	48.20 353	eP	P	14 09 10.7	-0.2
SPA3	Spitsbergen Ar	48.20 353	eP	P	14 09 10.7	-0.3
SPB2	Spitsbergen Ar	48.20 353	eP	P	14 09 10.6	-0.3
SPB3	Spitsbergen Ar	48.20 353	eP	P	14 09 10.7	-0.3
DLMT	Dillon	48.26 67	eP	P	14 09 11.1	-0.9
DLMT	comp-Z,166nm,1.2s		LR	LR		
ZAA0	Zalesovo Array	48.27 308	eP	P	14 09 09.8	-2.0
ZALV	Zalesovo Beam	48.27 308	iP	P	14 09 09.5	-2.2
ZALV	comp-Z,6.9nm,0.5s,baz=54,slow=6.4,SNR=26		LR	LR	14 30 24.1	
HLID	Hailey	48.35 70	P	P	14 09 11.9	-0.9
HLID	Hailey	48.35 70	P	P	14 09 11.2	-1.6
HLID	comp-Z,123nm,1.1s		LR	LR		
MCMT	McKenzie Canyo	48.45 67	eP	P	14 09 11.6	-2.0
NVS	Novosibirsk	48.50 309	iP	P	14 09 12.3	-1.2
NVS			i	S	14 11 06.2	
NVS			i	S	14 16 16.2	+3.6
NVS			i	S	14 19 00.8	
NVS	comp-Z,349nm,1.7s		pmax	pmax		
NVS	comp-N,78nm,1.4s		pmax	pmax		
NVS	comp-E,167nm,1.4s		pmax	pmax		
NVS	comp-Z,384nm,2.0s		pmax	pmax		
NVS	comp-N,191nm,0.9s		pmax	pmax		
NVS	comp-E,39nm,1.7s		pmax	pmax		
BOZ	Bozeman (W)	48.61 66	eP	P	14 09 13.5	-1.2
BOZ			pmax	pmax		
BOZ	comp-Z,147nm,0.9s		MLR	MLR		
BOZ	Bozeman (W)	48.61 66	P	P	14 09 13.9	-0.8
BOZ	Bozeman (W)	48.61 66	eP	P	14 09 13.5	-1.2
BOZ	comp-Z,147nm,0.9s		LR	LR		
SAO	San Andreas Ge	48.63 81	eP	P	14 09 15.1	+0.3
SAO	comp-Z,66nm,0.8s		MLR	MLR		
SAO	San Andreas Ge	48.63 81	eP	P	14 09 15.1	+0.3
SAO	comp-Z,66nm,0.8s		LR	LR		
KULLO	Kullorsuaq	48.71 15	iP	P	14 09 15.4	+0.5
BMN	Battle Mountai	48.73 75	eP	P	14 09 15.1	-0.6
BMN	comp-Z,176nm,1.1s		pmax	pmax		
BMN	comp-Z,26um,21.0s		MLR	MLR		
BMN	Battle Mountai	48.73 75	eP	P	14 09 15.1	-0.6
BMN	comp-Z,176nm,1.1s		LR	LR		
LZH	Lanzhou	48.98 278	iP	P	14 09 18.8	+1.2
LZH			pP	P	14 09 27.8	+2.1
LZH			sP	P	14 09 33.3	+4.4
LZH			PP	PP	14 11 12.1	+1.2
LZH			S	S	14 16 23.1	+2.9
LZH			sS	S	14 16 35.0	+1.5
LZH			SS	SS	14 19 49.0	-1.8
LZH	comp-Z,680nm,1.5s		PMZ	PMZ		
LZH	comp-Z,4um,6.0s		LN	LN		
LZH	comp-Z,52um,14.4s		LE	LE		
LZH	comp-Z,64um,14.9s		LZ	LZ		
HOPEN	Hopen	48.98 350	iP	P	14 09 17.1	+0.2
HOPEN	comp-Z,246nm,1.3s		IAmb	IAmb	14 09 17.1	+0.2
HOPEN			eP	PP	14 11 08.8	-1.2
HOPEN			eS	SS	14 16 19.6	+0.7
HOPEN	comp-Z,10um,17.1s		IVMs_BB	IVMs_BB	14 30 46.1	
GTA	Gaotai	49.16 284	P	P	14 09 18.9	-0.1
GTA			pP	P	14 09 26.3	-0.8
GTA			sP	P	14 09 29.4	-0.8
GTA			PP	PP	14 11 12.5	-0.1
GTA			S	S	14 16 21.3	-1.4
GTA			sS	SS	14 16 33.0	-3.0
GTA			SS	SS	14 19 47.5	-6.2
GTA	comp-Z,43nm,1.1s		PMZ	PMZ		
GTA	comp-Z,6um,7.6s		LN	LN		
GTA	comp-Z,33um,19.2s		LE	LE		
GTA	comp-Z,42um,16.9s		LZ	LZ		
FCC	Fort Churchill	49.21 43	eP	P	14 09 17.6	-1.3
FCC	comp-Z,387nm,1.1s		pmax	pmax		
FCC	Fort Churchill	49.21 43	eP	P	14 09 17.6	-1.3
FCC	comp-Z,387nm,1.1s		MLR	MLR		
FCC	Fort Churchill	49.21 43	eP	P	14 09 17.6	-1.3
FCC	comp-Z,387nm,1.1s		LR	LR		
QLMT	Earthquake Lak	49.23 67	eP	P	14 09 18.6	-0.9
HSPB	Hornsund (broa	49.37 353	eP	P	14 09 17.6	-2.3
HSPB	comp-Z,431nm,1.7s		IAmb	IAmb	14 09 20.9	
HSPB	Hornsund (broa	49.37 353	eP	P	14 09 17.0	-2.9
HSPB			eS	S	14 16 22.8	-1.6
HSPB			eSS	SS	14 16 35.8	-1.9
HSPB			e	S	14 19 07.4	
NV01	Mina Array Sit	49.40 77	eP	P	14 09 19.6	-1.3
NVAR	Mina Array Bea	49.40 77	eP	P	14 09 19.6	-1.3
NVAR	comp-Z,65nm,0.9s,baz=290,slow=6.1,SNR=90		LR	LR	14 29 59.6	
NVAR	comp-Z,33um,18.1s,baz=308,slow=36		PKPKPK	P/P/df	14 40 13.6	-8.4
YMR	Madison River	49.59 66	eP	P	14 09 21.6	-0.7
YMR	comp-Z,576nm,1.5s		LR	LR		
ENH	Enshi	49.60 268	eP	P	14 09 22.6	+0.4
ENH	comp-Z,293nm,1.0s		LR	LR		
ENH	comp-Z,16um,19.0s		LR	LR		
CGMT	Greyhiff	49.60 64	eP	P	14 09 21.8	-0.5
MLAC	Mammoth Lakes	49.61 78	P	P	14 09 23.4	+0.9
ELK	Elko	49.68 73	P	P	14 09 20.8	-2.2
ELK	comp-Z,61nm,0.8s,baz=190,slow=0.0,SNR=54		pmax	pmax		
ELK	Elko	49.68 73	eP	P	14 09 22.3	-0.7
ELK	comp-Z,81nm,0.8s		pmax	pmax		
ELK	Elko	49.68 73	eP	P	14 09 22.3	-0.7
ELK	comp-Z,81nm,0.8s		pmax	pmax		
YNR	Norris Juncto	49.72 66	eP	P	14 09 23.6	+0.2
YNR	comp-Z,325nm,1.3s		LR	LR		
YNR	comp-Z,17um,18.0s		LR	LR		

YFT	Old Faithful	49.80 67	eP	P	14 09 24.3	+0.4
LKWY	Lake	49.97 66	eP	P	14 09 25.8	+0.6
LKWY	comp-Z,260nm,1.4s		pmax	pmax		
LKWY	Lake	49.97 66	eP	P	14 09 25.8	+0.6
LKWY	comp-Z,260nm,1.4s		LR	LR		
H17A	Grant Village	49.98 66	eP	P	14 09 25.9	+0.5
H17A	comp-Z,34um,18.0s		MLR	MLR		
H17A	Grant Village	49.98 66	eP	P	14 09 25.8	+0.5
FLWY	Flag Ranch	50.11 67	eP	P	14 09 26.1	-0.2
RLMT	Red Lodge	50.24 65	eP	P	14 09 26.8	-0.5
RLMT	comp-Z,50,SNR=203		P	P	14 09 26.3	-0.9
RLMT	Red Lodge	50.24 65	eP	P	14 09 26.8	-0.5
RLMT	comp-Z,306nm,1.1s		LR	LR		
RCTC	Reactor, Farmer	50.26 80	P	P	14 09 27.8	+0.6
DAG	Danmarks Havn	50.37 31	iP	P	14 09 26.4	-1.1
DAG			iS	S	14 16 36.9	-1.5
DAG	comp-Z,330nm,1.4s		pmax	pmax		
DAG	Danmarks Havn	50.37 31	iP	P	14 09 26.4	-1.1
DAG	comp-Z,29um,17.0s		iS	S	14 16 36.9	-1.5
DAG	Danmarks Havn	50.37 31	iP	P	14 09 26.4	-1.1
DAG	comp-Z,143nm,1.4s		iS	S	14 16 36.9	-1.5
HVU	Hansel Valley	50.42 70	eP	P	14 09 27.8	-0.7
HVU	comp-Z,110nm,0.9s		pmax	pmax		
HVU	Hansel Valley	50.42 70	eP	P	14 09 27.8	-0.7
HVU	comp-Z,110nm,0.9s		MLR	MLR		
HVU	Hansel Valley	50.42 70	eP	P	14 09 27.8	-0.7
HVU	comp-Z,110nm,0.9s		LR	LR		
SMCC	Simmler	50.48 82	P	P	14 09 29.6	+0.7
REDW	Red Top Meadow	50.49 68	eP	P	14 09 29.0	-0.1
YES	Vestal, Richgr	50.66 80	P	P	14 09 30.8	+0.5
AHID	Auburn Hatcher	50.73 68	eP	P	14 09 30.6	-0.4
AHID	comp-Z,173nm,1.1s		LR	LR		
DGMT	Dagmar	50.83 59	eP	P	14 09 30.7	-0.7
DGMT	comp-Z,50,SNR=129		P	P	14 09 30.2	-1.2
DGMT	Dagmar	50.83 59	eP	P	14 09 30.7	-0.7
DGMT	comp-Z,658nm,1.3s		LR	LR		
BGU	Big Grassy Mou	50.83 71	eP	P	14 09 30.9	-0.8
BGU	comp-Z,42um,19.0s		LR	LR		
BGU	Big Grassy Mou	50.83 71	eP	P	14 09 30.9	-0.8
BGU	comp-Z,153nm,1.4s		LR	LR		
PKM	Peak Mountain	50.87 82	P	P	14 09 32.6	+0.5
LAO	LASA Array	50.89 62	P	P	14 09 31.6	-0.4
LAO	comp-Z,13um,20.0s		P	P	14 09 31.2	-0.7
LAO	LASA Array	50.89 62	eP	P	14 09 31.6	-0.4
LAO	comp-Z,1um,1.8s		LR	LR		
GRAC	Grapevine Rang	50.90 78	P	P	14 09 32.5	+0.4
R11A	Troy Canyon, C	51.05 76	P	P	14 09 33.2	-0.2
R11A	comp-Z,24um,18.0s		P	P	14 09 33.2	-0.2
R11A	Troy Canyon, C	51.05 76	P	P	14 09 33.2	-0.2
R11A	comp-Z,134nm,1.0s		P	P	14 09 32.3	-1.0
A25A	Svanuto Rang	51.09 58	eP	P	14 09 32.6	-0.7
ISA	Isabella	51.15 80	eP	P	14 09 33.2	-0.8
ISA	comp-Z,60nm,0.8s		pmax	pmax		
ISA	Isabella	51.15 80	eP	P	14 09 33.2	-0.8
ISA	comp-Z,35um,21.0s		MLR	MLR		
ISA	Isabella	51.15 80	eP	P	14 09 33.2	-0.8
ISA	comp-Z,60nm,0.8s		LR	LR		
ISA	Isabella	51.15 80	eP	P	14 09 33.2	-0.8
ISA	comp-Z,35um,21.0s		LR	LR		
HWUT	Hardware Ranch	51.22 70	eP	P	14 09 33.9	-0.7
HWUT	comp-Z,128nm,1.0s		LR	LR		
SBC	Santa Barbara	51.24 82	P	P	14 09 34.6	0.0
DAC	Darwin (Calif)	51.26 79	eP	P	14 09 33.8	-1.1
DAC	comp-Z,116nm,1.4s		pmax	pmax		
DAC	Darwin (Calif)	51.26 79	eP	P	14 09 33.8	-1.1
DAC	comp-Z,30um,19.0s		MLR	MLR		
DAC	Darwin (Calif)	51.26 79	eP	P	14 09 33.8	-1.1
DAC	comp-Z,116nm,1.4s		LR	LR		
ARVC	Arvin	51.30 81	P</			

23d 14h

Table with columns: MDND, MDDock, comp-Z, frequency, SNR, and other technical details for various stations.

2010 DEC

Table with columns: N23A, comp-Z, frequency, SNR, and other technical details for various stations.

1312

Table with columns: ZRNC, comp-Z, frequency, SNR, and other technical details for various stations.

1313

Table with columns: ID, Name, Frequency, Power, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like K31A O'Neill, I33A Coleman, D37A Cotton, etc.

2010 DEC

Table with columns: ID, Name, Frequency, Power, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like SPMN St. Paul, SPMN DAV, J35A Milford, etc.

23d 14h

Table with columns: ID, Name, Frequency, Power, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like Q33A Connelly Farm, K38A Parkersburg, KBK Karagbulak, etc.

23d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 038A Galt, W31A Holland Ranch, X30A Coker Ranch, etc.

2010 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like X33A Lawton, KDM Kudad, V35A Meyer Ranch, etc.

1314

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HPIG comp=Z,101nm,0.8s,comp=Z,3um, 65.01 78 eP, etc.

1315

MIAR	comp=Z,27um,21.0s	66.22	64	eP	P	14 11 17.5	-1.2
MIAR	comp=Z,318nm,1.2s				MLR		
MIAR	comp=Z,15um,21.0s				MLR		
MIAR	Mount Ida	66.22	64	P	P	14 11 17.9	-0.9
MIAR	baz=66, SNR=111						
MIAR	Mount Ida	66.22	64	eP	P	14 11 17.5	-1.2
MIAR	comp=Z,318nm,1.2s				LR		
PLVO	Plevna	66.28	46	PFAKE	LR	14 11 30.0	+11
PLVO	comp=Z,28um,19.0s						
MRSI	Marisa	66.30	236	P	P	14 11 19.1	-0.3
SRAK	comp=Z,238nm,1.3s,comp=Z,4um	66.34	262	P	P	14 11 17.8	-1.9
SRAK	Srakaw						
OSL	comp=Z,274nm,1.2s,comp=Z,3um	66.34	349	eP	P	14 11 18.5	-0.6
OSL	Oslo				IAMB		
Y39A	comp=Z,619nm,1.5s	66.39	65	P	P	14 11 19.4	-0.5
Y39A	Lockesburg						
BLO	baz=66, SNR=14						
BLO	Bloomington	66.40	56	eP	P	14 11 18.6	-1.3
BLO	comp=Z,298nm,0.9s				MLR		
BLO	comp=Z,34um,18.0s						
BLO	Bloomington	66.40	56	eP	P	14 11 18.6	-1.3
BLO	comp=Z,298nm,0.9s				LR		
434A	Burnet	66.41	70	P	P	14 11 19.6	-0.5
434A	baz=66, SNR=50						
BER	Bergen	66.42	352	eP	S	14 11 20.8	+1.2
BER	DER					14 20 07.8	+0.2
Z38A	Mt. Pleasant	66.42	66	P	P	14 11 19.8	-0.3
Z38A	baz=66, SNR=6.5						
137A	Heron Place, G	66.48	67	P	P	14 11 20.4	-0.1
137A	baz=66, SNR=11						
236A	Katherine and	66.50	68	P	P	14 11 20.4	-0.2
236A	baz=66, SNR=13						
632A	Uvalde	66.52	72	P	P	14 11 20.4	-0.4
632A	baz=66, SNR=47						
533A	Kerrville	66.52	71	P	P	14 11 20.3	-0.6
533A	baz=66, SNR=49						
335A	Moody	66.53	69	P	P	14 11 20.6	-0.2
335A	baz=66, SNR=9.2						
SANI	Sanana	66.54	231	P	P	14 11 20.2	-0.8
SANI	comp=Z,173nm,1.3s,comp=Z,3um						
UMPA	Umpang Tak	66.54	266	P	P	14 11 22.4	+1.3
UMPA	comp=Z,59nm,1.1s						
PARMO	Parma	66.66	60	eP	P	14 11 21.4	-0.1
UTHA	Uthaitani	66.69	265	P	P	14 11 22.5	+0.5
UTHA	comp=Z,28nm,1.2s,comp=Z,283nm						
UALR	University of	66.71	63	eP	P	14 11 20.9	-1.0
UALR	comp=Z,204nm,1.5s				LR		
UALR	comp=Z,21um,19.0s						
KONO	Kongsberg	66.74	350	eP	IAMB	14 11 21.4	-0.3
KONO	comp=Z,438nm,1.4s					14 11 21.9	
KONO	Kongsberg	66.74	350	eP	S	14 20 13.7	+2.2
KONO	comp=Z,342nm,1.4s					14 11 21.8	+0.1
KONO	comp=Z,17um,20.0s				MLR		
KONO	Kongsberg	66.74	350	eP	P	14 11 21.8	+0.1
KONO	comp=Z,342nm,1.4s				LR		
USIN	University of	66.74	58	eP	P	14 11 21.1	-1.0
USIN	comp=Z,602nm,0.9s				LR		
USIN	comp=Z,40um,18.0s						
ODD1	Odda	66.77	352	eP	P	14 11 21.8	-0.1
336A	Riesel	66.78	68	P	P	14 11 22.5	+0.1
336A	baz=66, SNR=14						
138A	Matatall Enter	66.80	66	P	P	14 11 22.7	+0.1
138A	baz=66, SNR=17						
435B	Jarrell	66.82	69	P	P	14 11 22.6	0.0
435B	baz=66, SNR=13						
Z39A	Irene McRaven,	66.86	65	P	P	14 11 22.4	-0.6
Z39A	baz=66						
534A	Blanco	66.88	71	P	P	14 11 22.4	-0.7
534A	baz=67, SNR=61						
237A	Washetta, Mont	66.90	67	P	P	14 11 22.9	-0.2
237A	baz=66						
633A	Saathoff Ranch	66.90	71	P	P	14 11 23.1	-0.1
633A	baz=67, SNR=16						
WALI	Walls	66.97	356	eP	P	14 11 22.2	-0.9
732A	Laxson Ranch,	67.00	73	P	P	14 11 24.0	+0.1
732A	baz=67, SNR=76						
HBAR	Harrisburg	67.02	61	eP	P	14 11 23.8	-0.1
GNAR	Gosnell	67.05	61	eP	P	14 11 24.2	+0.2
LMQ	La Malbaie	67.05	40	eP	P	14 11 22.4	-1.4
LMQ	comp=Z,144nm,0.9s				LR		
LRW	comp=Z,49um,18.0s						
LRW	Lerwick	67.07	356	eP	AMS	14 11 23.6	-0.2
LRW	comp=Z,11um,21.9s					14 37 54.8	
139A	Bunkhouse Ranc	67.17	66	P	P	14 11 24.8	-0.1
139A	baz=67						
SANI	Sandwick	67.19	356	eP	P	14 11 24.2	-0.3
LUWI	Luwuk	67.20	234	P	P	14 11 22.9	-2.3
LUWI	Luwuk	67.20	234	eP	P	14 11 25.7	+0.5
GLAT	Glass	67.20	60	eP	P	14 11 24.8	-0.2
WCI	Wyandotte Cave	67.24	56	eP	P	14 11 24.1	-1.2
WCI	comp=Z,284nm,0.9s				MLR		
WCI	comp=Z,40um,18.0s						
WCI	Wyandotte Cave	67.24	56	eP	P	14 11 24.1	-1.2
WCI	comp=Z,284nm,0.9s				LR		
WCI	comp=Z,40um,18.0s						
436A	Wall Ranch, Ga	67.27	69	P	P	14 11 26.0	+0.5
436A	baz=67						
BL5S	Blasjo	67.27	352	eP	IAMS_20	14 11 25.7	+0.6
BL5S	IAMS_20				IAMS_20	14 37 37.1	
238A	comp=Z,24um,20.6s	67.28	67	P	P	14 11 25.7	+0.2
238A	Jacksville						
832A	Faith Ranch, C	67.33	73	P	P	14 11 25.6	-0.3
832A	baz=67, SNR=7.0						
ACSO	Alum Creek Sta	67.33	53	eP	P	14 11 24.4	-1.3
ACSO	comp=Z,193nm,1.0s				LR		
ACSO	comp=Z,27um,18.0s						
UTMT	University of	67.36	59	eP	P	14 11 26.3	+0.3
UTMT	comp=Z,1um,1.0s						
337A	Centerville	67.37	68	P	P	14 11 25.6	-0.6
337A	baz=67						
535A	Dale	67.39	70	P	P	14 11 26.4	+0.1
535A	baz=67, SNR=6.6						
733A	Divot King Ran	67.39	72	P	P	14 11 26.4	+0.1
733A	baz=67						
634A	China Grove, S	67.43	71	P	P	14 11 28.0	+1.4
634A	baz=67						
HALT	Halls	67.44	60	eP	P	14 11 26.2	-0.3
LPSR	Galich'ya Gora	67.45	331	eP	P	14 11 25.9	-0.4
LPSR	comp=Z,37um,19.0s					14 13 50.4	
LPSR	Center Grove,	68.39	67	P	P	14 15 34.8	
LPSR	baz=66, SNR=8.4					14 20 16.8	-3.5
LPSR	340A Bronson	68.41	66	P	P	14 11 32.9	+0.3
LPSR	baz=66, SNR=10						
LPSR	538A Harpers Horsep	68.42	68	P	P	14 11 33.8	+1.0
LPSR	baz=68						
LPSR	Hockley	68.43	69	eP	P	14 11 32.1	-0.7
LPSR	comp=Z,240nm,1.5s				MLR		
LPSR	comp=N,60nm,1.6s						
LPSR	comp=E,60nm,1.7s				MLR		
LPSR	comp=Z,850nm,6.1s						
LPSR	comp=N,530nm,4.2s				MLR		
LPSR	comp=N,530nm,4.2s						
LPSR	comp=E,390nm,3.6s				MLR		
LPSR	comp=N,1um,5.1s						
LPSR	comp=Z,360nm,4.5s						
LPSR	comp=E,950nm,6.5s						
LPSR	comp=Z,2um,19.0s				MLR		

2010 DEC

LPSR	comp=Z,8um,15.0s				MLR	MLR	
LPSR	comp=N,7um,17.0s						
PTN	comp=E,6um,13.0s	67.55	45	eP	P	14 11 24.8	-2.3
PTN	Potsdam (NY)						
PTN	comp=Z,105nm,0.9s				MLR	MLR	
PTN	comp=Z,42um,19.0s						
PTN	Potsdam (NY)	67.55	45	eP	P	14 11 24.8	-2.3
PTN	comp=Z,105nm,0.9s				LR	LR	
PTN	comp=Z,42um,19.0s						
ALLY	Alegheny Cole	67.57	50	eP	P	14 11 26.5	-0.7
ALLY	comp=Z,924nm,1.1s						
ALLY	comp=Z,36um,18.0s				LR	LR	
KMY	Karmoy	67.58	352	eP	P	14 11 27.4	+0.4
437A	Phantom Ranch,	67.60	68	P	P	14 11 28.4	+0.8
437A	baz=67, SNR=9.3						
239A	Gary	67.63	66	P	P	14 11 28.1	+0.3
833A	Chaparral WMA,	67.63	72	P	P	14 11 27.8	0.0
833A	baz=67, SNR=31						
APSI	Ampana	67.64	235	P	P	14 11 26.4	-1.6
APSI	comp=Z,282nm,1.3s,comp=Z,4um						
536A	Bastro	67.64	70	P	P	14 11 28.8	+1.0
536A	baz=67, SNR=7.9						
338A	Crockett	67.66	67	P	P	14 11 28.5	+0.5
DHRM	DHARAMSHALA	67.66	294	eP	AMS	14 11 27.3	-1.0
DHRM	comp=Z,62um,17.1s					14 43 56.3	
LONY	Lake Ozonia	67.68	45	eP	P	14 11 25.7	-2.3
LONY	comp=Z,70nm,0.8s				LR	LR	
LONY	La Parita Cree	67.72	71	P	P	14 11 28.9	+0.5
LONY	baz=67, SNR=8.6						
NATX	Nacogdoches	67.72	67	P	P	14 11 28.3	-0.1
NATX	baz=67, SNR=13						
NATX	Nacogdoches	67.72	67	eP	P</		

23d 14h

SAUI	Saumlaki	69.50	223	P	P	14 11 43.3	+3.8
TRY	Troy	69.60	45	eP	P	14 11 39.7	-0.2
TRY				LR	LR		
KSPA	Keystone Colle	69.63	47	eP	P	14 11 38.6	-1.5
KSPA				LR	LR		
VBMS	Vicksburg	69.64	63	P	P	14 11 39.9	-0.4
VBMS	Vicksburg	69.64	63	eP	P	14 11 40.1	-0.2
MCD	Coleburn Disti	69.70	357	eP	P	14 11 40.1	-0.2
SWET	Sewanee	69.75	58	eP	P	14 11 39.5	-1.5
SWET				LR	LR		
SBUM	Sibu	69.75	246	iP	P	14 11 43.7	+2.5
SBUM	Sibu	69.75	246	eP	P	14 11 41.7	+0.5
SBUM				LR	LR		
WVL	Waterville	69.77	42	eP	P	14 11 40.3	-0.6
WVL				LR	LR		
KBL	Kabul	69.81	301	eP	Pmax	14 11 39.8	-1.8
KBL				MLR	MLR		
KBL	Kabul	69.81	301	eP	P	14 11 39.8	-1.8
KBL				LR	LR		
035Z	Hargill	69.81	73	P	P	14 11 41.9	+0.5
KAC	Achnashellach	69.84	358	eP	P	14 11 40.8	-0.4
FFD	Franklin Falls	69.85	44	PFAKE	P	14 11 50.0	+8.6
FFD				LR	LR		
NDI	New Delhi	69.86	291	eP	P	14 11 40.0	-1.8
NDI				x	x	14 20 48.0	
MDO	Dochfour	69.88	357	eP	P	14 11 40.8	-0.6
MUD	Monsted U'grnd	69.92	349	iP	Pmax	14 11 41.4	-0.2
MUD				Pmax	Pmax		
MUD				MLR	MLR		
MUD				P	P	14 11 41.4	-0.2
ZAIG	Zacatecas	69.99	79	eP	P	14 11 42.5	-0.4
KPL	Plockton	70.01	358	eP	AMB	14 11 41.7	-0.4
KPL				AMS	AMS	14 39 43.3	
BHGR	Bahadurgarh	70.02	291	eP	P	14 11 41.3	-1.4
RTK	Rohtak	70.05	292	eP	P	14 11 41.8	-1.0
AYAN	Aya Nagar	70.07	291	eP	P	14 11 41.9	-1.0
SUW	Suwalki	70.09	341	eP	P	14 11 42.2	-0.5
SUW				eS	S	14 21 08.2	+1.7
SUW				LMZ	LMZ	14 44 30.8	
SUW	Suwalki	70.09	341	eP	MLR	14 11 42.3	-0.5
SUW				MLR	MLR		
KSB	Sheil Bridge	70.14	358	eP	P	14 11 42.3	-0.6
DRLN	Deer Lake	70.14	32	eP	P	14 11 43.2	+0.1
DRLN				LR	LR		
SONA	Sohna	70.27	291	eP	P	14 11 42.7	-1.5
COP	Copenhagen	70.28	347	iP	MLR	14 11 44.2	+0.4
COP				MLR	MLR		
COP				P	P	14 11 44.2	+0.4
CPCT	Cooper Cave	70.29	57	eP	P	14 11 43.0	-1.2
DRUM	Mains of Drumt	70.35	356	eP	AMB	14 11 43.6	-0.6
DRUM				AMB	AMB	14 11 50.0	
DRUM				AMS	AMS	14 38 28.6	
BKBI	Balikpapan	70.36	239	P	P	14 11 44.4	-0.4
TTSI	Tana Toraja	70.39	236	P	P	14 11 44.0	-1.0
BSD	Bornholm Skovb	70.49	346	iP	P	14 11 44.2	-0.9
BSD				MLR	MLR		
BSD	Bornholm Skovb	70.49	346	iP	P	14 11 44.2	-0.9
TKL	Tuckaleechee C	70.50	57	P	P	14 11 44.0	-1.6
TKL				LR	LR	14 44 29.9	
TKL	Tuckaleechee C	70.50	57	P	Pmax	14 11 44.0	-1.6
TKL				Pmax	Pmax		
TKL				MLR	MLR		
TKL	Tuckaleechee C	70.50	57	eP	P	14 11 44.4	-1.2
EMMW	East Machias	70.52	40	eP	P	14 11 44.6	-0.8
EMMW				LR	LR		
ODNJ	Ogdensburg	70.53	47	eP	P	14 11 44.8	-0.8
ODNJ				LR	LR		
QUAZ	Belchertown	70.53	45	PFAKE	P	14 12 00.0	+1.4
QUAZ				LR	LR		
MVL	Millersville	70.62	49	eP	P	14 11 44.9	-1.3
MSVF	Nonsavu	70.67	173	eP	Pmax	14 11 47.2	+0.6
MSVF				Pmax	Pmax		
MSVF				MLR	MLR		
MSVF	Nonsavu	70.67	173	eP	P	14 11 47.2	+0.6
MSVF				LR	LR		
HRV	Adam Dziewonski	70.68	44	eP	Pmax	14 11 46.6	+0.1
HRV				Pmax	Pmax		
HRV				MLR	MLR		
HRV	Adam Dziewonski	70.68	44	eP	P	14 11 46.6	+0.1
HRV				LR	LR		
HRV				LR	LR		
KUDL	Kundal	70.69	291	eP	P	14 11 44.8	-1.9
EDU	Dundee	70.73	357	eP	P	14 11 45.3	-1.3
COEN	Coen	70.86	209	eP	P	14 11 50.0	+2.1
COEN				LR	LR		
BRNJ	Basking Ridge	70.87	47	eP	P	14 11 47.9	+0.2
SDMD	Soldier's Deli	70.87	49	eP	P	14 11 46.7	-1.1
SDMD				LR	LR		
WES	Weston	70.88	44	eP	Pmax	14 11 47.9	+0.2
WES				Pmax	Pmax		
WES				MLR	MLR		
WES	Weston	70.88	44	eP	P	14 11 47.9	+0.2
WES				LR	LR		
LRL	Lakeview Retre	70.89	60	eP	P	14 11 45.9	-2.0
LRL				LR	LR		
LRL	Palisades	70.90	47	eP	Pmax	14 11 46.6	-1.3
LRL				Pmax	Pmax		
PAL	Palisades	70.90	47	eP	MLR	14 11 46.6	-1.3
PAL				MLR	MLR		
PAL	Palisades	70.90	47	eP	P	14 11 46.6	-1.3

2010 DEC

PAL				LR	LR		
BLA	Blacksburg	70.94	53	eP	Pmax	14 11 47.5	-0.7
BLA				Pmax	Pmax		
BLA				MLR	MLR		
BLA	Blacksburg	70.94	53	eP	P	14 11 47.5	-0.7
BLA				LR	LR		
BCX	Boston College	70.98	44	eP	P	14 11 47.0	-1.4
CPNY	Corbin	71.05	47	eP	P	14 11 47.6	-1.1
CPNY				LR	LR		
YLE	Yale	71.07	46	PFAKE	LR	14 12 00.0	+1.1
YLE				LR	LR		
EAB	Aberfoyle	71.13	357	eP	P	14 11 48.3	-0.7
MTKI	Muara Teweh, K	71.14	241	P	P	14 12 00.1	+1.0
BRWY	Bryant College	71.17	47	eP	P	14 11 49.4	-0.1
BRWY				P	P		
SPSI	Sidrap Palu	71.20	235	P	P	14 11 48.7	-1.3
SPSI				LR	LR		
RGN	Rugen	71.27	347	PFAKE	LR	14 12 00.0	+1.0
RGN				LR	LR		
ESY	Stoneypath	71.35	356	eP	P	14 11 50.1	-0.3
EDI	Edinburgh	71.36	357	AMB	AMB	14 11 55.5	
EDI				AMS	AMS	14 38 10.8	
PGBU	Glenflierbraes	71.52	357	eP	P	14 11 50.5	-0.8
PGBU				AMB	AMB	14 11 54.1	
CBN				LR	LR		
CBN				P	P	14 11 52.3	+0.2
SURA	Surathani	71.59	51	eP	P	14 11 54.2	+1.8
SURA				P	P	14 11 52.7	+0.1
KSM	Kuching	71.62	247	eP	P	14 11 52.7	+0.1
KSM				P	P	14 11 52.7	+0.1
JSRW	J. Sargeant Re	71.77	51	eP	P	14 11 52.7	-0.5
AKASG	Malin Aray Be	71.81	336	P	P	14 11 52.1	-1.1
AKASG				PP	PP	14 14 35.7	+3.6
AKASG				PP	PP	14 39 40.5	-8.8
AKASG				LR	LR	14 47 15.3	
AKASG				LR	LR	14 47 15.3	
KIEV	Kiev	71.82	336	eP	Pmax	14 11 51.8	-1.5
KIEV				Pmax	Pmax		
KIEV				MLR	MLR		
KIEV				P	P	14 11 51.8	-1.5
KIEV				LR	LR		
AK11	Malin Aray Si	71.85	336	eP	P	14 11 53.1	-0.4
GKP	Gorka Klasztor	71.90	344	eP	LR	14 11 53.7	0.0
GKP				LMZ	LMZ	14 43 54.2	
GKP	Gorka Klasztor	71.90	344	eP	MLR	14 11 53.7	0.0
GKP				MLR	MLR		
ESK	Esksdalemuir	71.97	357	eP	AMB	14 11 53.6	-0.5
ESK				AMB	AMB	14 11 58.4	
ESK				AMS	AMS	14 38 15.9	
ESK				Pmax	Pmax	14 11 54.1	0.0
ESK				MLR	MLR		
ESK				P	P	14 11 54.0	0.0
ESK				P	P	14 11 54.0	0.0
ESK				LR	LR		
URVA	University of	72.03	51	eP	P	14 11 54.1	-0.6
KAPI	Kappang	72.12	235	P	P	14 11 56.4	+1.0
KAPI				P	P	14 38 39.3	
KAPI				P	P	14 11 54.7	-0.7
BWH	Wardlaw	72.13	357	eP	P	14 11 54.8	-0.2
KMSC	Kings Mountain	72.13	55	eP	P	14 11 54.7	-0.7
KMSC				P	P	14 11 54.1	-1.3
KMSC				LR	LR		
BHH	Howats Hill	72.19	357	eP	P	14 11 55.4	0.0
BKSI	Bulukumba	72.20	234	P	P	14 11 53.9	-2.1
BSEG	Bad Segeberg	72.28	348	eP	P	14 11 56.1	+0.2
GOGA	Godfrey	72.43	58	eP	Pmax	14 11 56.1	-1.1
GOGA				Pmax	Pmax		
GOGA				MLR	MLR		
GOGA				LR	LR		
GOGA				LR	LR		
BRAL	Brewton	72.44	62	eP	P	14 11 58.1	+0.9
BRAL				LR	LR		
KBKI	Kotabaru	72.47	239	P	P	14 11 55.8	-1.8
GAL1	Galloway	72.47	357	eP	P	14 11 56.8	-0.2
GAL1							

23d 14h

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like WLF Walferdange, WLF Walferdange, WLF Walferdange, etc.

2010 DEC

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like PAE Paea, SULR Cat-ERZURUM, ECAT Adanki, etc.

1318

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like WC3 Warrungarra Arr, WC3 Warrungarra Arr, WC4 Warrungarra Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KAVA, KUZU, SOH, GRG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AGG, PALK, SMG, ARMA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTE, ZKR, ANKY, etc.

23d 14h

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

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOZ Lake Benmore, LBZ Wanaka, NWAO Narrogin (SRO), etc.

1320

Table with columns for station name, frequency, power, and other technical details. Includes stations like MIR Mirny, ITZ Tezhi, CPUP Villa Flores, etc.

ISCJB 23 14:01:37.9, 0.9, 27.15N, 0.06:143.65E:0.07, h10km, mb3.8/4, Error ellipse: s-maj=9.9km s-min=6.5km az=43.3

ICD 23 14:01:38.0, 1.3, 27.04N:143.61E, h0km, mb3.8/4, mb1 4.1/6, mb1mx3.9/6.1, mbtmp3.8/6, ML3.6/2, Error ellipse: s-maj=28.2km s-min=25.1km az=54.0

JM 23 14:01:42.0, 0.5, 27.06N:143.44E, h15km, M3.9 ICD 23 14:01:39.5, 1.1, 27.06N:143.55E:0.07, h10km, n15, o86/17, mb3.8/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, etc.

ISCJB 23 14:03:29.2, 1.1, 27.07N:0.10:143.83E:0.09, h10km, mb4.0/3, Error ellipse: s-maj=14.1km s-min=10.6km az=19.7

ICD 23 14:03:30.1, 2.9, 27.01N:143.88E, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.8/6.0, mbtmp3.8/3, ML3.7/1, Error ellipse: s-maj=61.4km s-min=28.3km az=54.0

NEIC 23 14:03:31.1, 1.1, 27.02N:143.87E, h10km, mb4.1/1, Error ellipse: s-maj=27.0km s-min=11.1km az=75.0

ISC 23 14:03:31.9, 1.6, 27.07N:0.11:143.7E:0.1, h10km, n7, o150/9, mb4.1/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like CBJJ Chichijima, WRA Warramunga Arr, etc.

ICD 23 14:05:38.0, 0.5, 52.87N:171.39E, h0km, mb4.6/36, mb1 4.8/37, mb1mx4.6/6.7, mbtmp4.6/37, ML3.8/1.1, Error ellipse: s-maj=15.8km s-min=9.7km az=160.0

NEIC 23 14:05:40.1, 0.3, 52.84N:171.45E, h10km, mb4.6/2, Error ellipse: s-maj=11.9km s-min=6.5km az=164.0

ISCJB 23 14:05:41.2, 0.4, 52.91N:0.09:171.41E:0.08, h27km, mb4.6/37, Error ellipse: s-maj=13.0km s-min=6.4km az=163.3

ISC 23 14:05:42.9, 0.5, 52.93N:0.1:171.41E:0.07, h27km, n63, o86/57, mb4.6/37, Near Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, RSO Redoubt South, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, KSR5 Korea Arr, etc.

IS/CJB 23 14:06:13.7:0.0,6.27:03N:106.143:79E:0.06, h10km, mb4.2/7, Error ellipse: s-maj=8.8km s-min=7.6km az=2.1

IS/CJB 23 14:06:14.4:0.0,8.26:36N:143:76E, h0km, mb4.2/6, mb1 4.5/8, mb1mx4.1/57, mbtmp4.2/8, ML2.71, Error ellipse: s-maj=21.9km s-min=21.0km az=11.0

NEIC 23 14:06:15.4:0.5,27:04N:143:66E, h10km, mb4.3/2, Error ellipse: s-maj=12.5km s-min=7.5km az=76.0

IS/CJB 23 14:06:15.5:0.8,27:02N:109.143:68E:0.07, h10km, n20, az=1501/22, mb4.2/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHICHI jima, Chichijima, KSR5 Korea Arr, etc.

IS/CJB 23 14:09:48.9:1.1, 52:93N:171:23E, h0km, mb3.8/8, mb1 4.2/9, mb1mx3.8/64, mbtmp3.9/9, ML3.71, Error ellipse: s-maj=55.8km s-min=21.6km az=161.0

IS/CJB 23 14:09:50.3:0.9, 53:01N:171:02E:0.1, h24km, mb3.9/8, Error ellipse: s-maj=30.7km s-min=11.3km az=172.4

IS/CJB 23 14:09:52.4:1.0, 53:00N:171:06E:0.08, h24km, n8, az=134/10, mb3.8/8, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station PETK Petropavlovsk-8.05 276 Pn.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK, KDKA Kodiak Island, ILAR Eielson Array, etc.

IS/CJB 23 14:02:20.0:2.0, 52:86N:171:18E, h0km, mb4.1/22, mb1 4.2/3, mb1mx4.2/63, mbtmp4.2/23, ML3.71, MS5.6/1, MS1 5.6/1, mb1mx4.6/2, Error ellipse: s-maj=20.5km s-min=11.9km az=158.0

IS/CJB 23 14:10:04.2:0.6, 52:9N:01:17:11E:0.1, h24km, mb4.1/22, MS5.6/1, Error ellipse: s-maj=18.0km s-min=8.8km az=163.5

IS/CJB 23 14:10:06.2:0.6, 52:93N:171:06E:0.08, h24km, n32, az=1930/25, mb4.1/22, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK, KDKA Kodiak Island, ILAR Eielson Array, etc.

IS/CJB 23 14:16:20.0:1.5, 52:97N:171:17E, h0km, mb3.6/15, mb1 3.9/16, mb1mx3.8/61, mbtmp3.7/16, ML2.6/1, Error ellipse: s-maj=30.0km s-min=15.2km az=178.0

IS/CJB 23 14:16:21.9:0.8, 53:02N:02:17:11E:0.1, h24km, mb3.6/14, Error ellipse: s-maj=26.0km s-min=10.8km az=174.9

IS/CJB 23 14:16:23.8:1.0, 53:00N:02:17:103E:0.08, h24km, n22, az=158/17, mb3.6/15, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK, KDKA Kodiak Island, ILAR Eielson Array, etc.

IS/CJB 23 14:19:51.6:1.1, 26:8N:01:143:3E:0.1, h10km, mb3.7/5, Error ellipse: s-maj=21.8km s-min=13.0km az=32.2

IS/CJB 23 14:19:52.4:1.9, 26:81N:143:63E, h0km, mb3.7/5, mb1 3.8/7, mb1mx3.6/54, mbtmp3.7/7, ML3.6/2, Error ellipse: s-maj=56.0km s-min=19.1km az=68.0

IS/CJB 23 14:19:57.1:3.2, 18:5E:7.1, 3.2:18:5E:7.1, h10km, n8, az=1619/9, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matushiro Arr, KSR5 Korea Arr, etc.

CSEM 23 14:22:01.6:28:39N:59:03E, h12km, ML3.5, After TEH TEH 23 14:22:01.6:28:39N:59:03E, h12km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHMN Cheshme madani, NIAN Nian, TVBK Turkmen, etc.

GUC 23 14:22:09.2:0.4, 35:78S:73:98W, h25km, 17km, ML4.2, 2C-12, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COCH Cobquecura, CCHI Chilean, TALC Talca, etc.

IS/CJB 23 14:23:10.4:2.4, 52:35N:171:38E, h0km, mb3.2/5, mb1 3.6/6, mb1mx3.4/59, mbtmp3.2/6, ML2.5/1, Error ellipse: s-maj=73.0km s-min=33.9km az=179.0

IS/CJB 23 14:23:12.8:1.1, 52:33N:04:17:12E:0.2, h33km, mb3.1/5, Error ellipse: s-maj=63.3km s-min=16.6km az=176.7

IS/CJB 23 14:23:15.0:2.1, 52:33N:05:17:13E:0.1, h35km, n6, az=1917/6, mb3.2/5, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK Petropavlovsk-8.29 281 Pn, ILAR Eielson Array, YKA Yellowknife Arr, etc.

IS/CJB 23 14:23:39.8:0.7, 52:82N:171:19E, h0km, mb3.9/20, mb1 4.1/21, mb1mx4.0/59, mbtmp3.9/21, ML3.4/1, Error ellipse: s-maj=22.0km s-min=12.5km az=164.0

IS/CJB 23 14:23:41.4:0.5, 52:76N:10:17:11E:0.1, h24km, mb4.0/25, Error ellipse: s-maj=14.2km s-min=6.4km az=17.0

NEIC 23 14:23:41.2:0.5, 52:74N:171:23E, h10km, mb4.4/4, Error ellipse: s-maj=12.7km s-min=7.0km az=177.0

IS/CJB 23 14:23:43.3:0.7, 52:82N:10:17:126E:0.06, h24km, n38, az=1917/33, mb4.0/25, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SMY Shemya, AMKA Amchitka, PETK Petropavlovsk-8.20 278 Pn, etc.

23d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like WRA Warramunga Arr, BRTR Keskin Array B, ASAR Alice Springs, BOSAS Boshof, etc.

ISCJB 23 14:28:14.7.0.6.27.06N.0.08:143.65E.0.06, h10km, mb3.9/14, Error ellipse: s-maj=11.6km s-min=8.1km az=174.2

IDC 23 14:28:14.8.0.8.27.10N:143.67E, h0km, mb3.8/12, mb1.4/0.15, mb1mx3.8/4.7, mbmp3.8/15, ML3.5/3, Error ellipse: s-maj=20.5km s-min=17.0km az=98.0

NEIC 23 14:28:16.3.0.5.27.13N:143.67E, h10km, mb4.3/1, Error ellipse: s-maj=13.2km s-min=10.0km az=83.0

ISC 23 14:28:16.6.0.9.27.11N.0.1:143.58E:0.08, h10km, n22, c675/25, mb3.7/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CJC Chichijima, CBJ Chichi jima, MJAR Matsushiro Arr, etc.

IDC 23 14:28:21.2.2.6.52.59N:171.21E, h0km, mb3.5/4, mb1.3/8.5, mb1mx3.4/5.9, mbmp3.6/5, ML3.0/1, Error ellipse: s-maj=67.7km s-min=29.4km az=3.0, Near Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like PETK Petropavlovsk, ILAR Eielson Array, H112 WAKE ISLAND Hy, etc.

MOS 23 14:30:38.9.1.1.26.77N:143.91E, h12km, mb4.5/26, Error ellipse: s-maj=14.7km s-min=7.5km az=105.8

BUI 23 14:30:38.9.26.80N:144.00E, h16km, mb4.6/28, MB5.2/4, M5.6/9, M5.7.5/6.1, 26.186N:143.79E, h0km, mb4.3/26, mb1.4/5.29, mb1mx4.4/4.6, mbmp4.3/29, ML3.7/3, Error ellipse: s-maj=14.7km s-min=11.9km az=92.0

NEIC 23 14:30:40.9.0.3.26.90N:143.84E, h10km, mb5.0/15, Error ellipse: s-maj=8.4km s-min=7.3km az=106.0

ISCJB 23 14:30:41.2.0.3.27.27N:0.04:143.74E:0.03, h10km, mb4.5/49, Error ellipse: s-maj=5.6km s-min=4.2km az=166.4

JMA 23 14:30:41.1.0.3.27.14N:143.74E, h23km, M4.7

ISC 23 14:30:41.0.0.5.26.91N:0.06:143.87E:0.06, h10km, n160, c1945/156, mb4.5/49, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CBJ Chichi jima, JHH Haha-jima-NKT, JHJ Hachioji jima, etc.

2010 DEC

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like KSRS Korea Array, KSAR Wonju Array, KSAR Wonsu Array, ASAJ Asahikawa, etc.

1322

Large table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like COLD Coldfoot, KSH Kashi, KSH Kashi, etc.

23d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CJJ, MJAR, SONM, TLY, CMAR, WRA, ASAR, MKAR.

ISCJB 23 15:33:54.9, 0.7, 27.21N, 0.06:143.65E, 0.06, h10km, mb3.9/12, MS4.0/1, Error ellipse: s-maj=9.6km

IDC 23 15:33:55.8, 0.9, 27.05N, 143.47E, h0km, mb3.8/10, mb1.4/0.13, mb1mx3.8/38, mbtmp3.8/13, ML3.5/3, MS4.2/1, Ms1.4/2.1, ms1mx3.3/57, Error ellipse: s-maj=24.3km

NEIC 23 15:33:57.3, 0.6, 27.12N, 143.50E, h10km, mb4.4/3, Error ellipse: s-maj=11.6km s-min=9.5km az=81.0

JMA 23 15:33:58.8, 0.6, 27.23N, 143.48E, h10km, M3.4, ISC 23 15:33:57.5, 0.8, 27.20N, 0.08:143.50E, 0.07, h10km, n27, s=1901/34, mb3.9/12, Bonin Islands region

Main table for 23d 16h section, listing various stations and their coordinates. Includes stations like CBJJ, JHHU, JHHJ, JHHI, JHYU, JRYU, JMAJ, MJAR, MKAR, KSAR, USRK, YHNB, KLR, SONM, CMAR, WRAB, WRA, ZALV, ZALW, MKAR, ASAR, AAK, KKAR, ARU, RES, FINES, KBZ, NVAR.

IDC 23 15:34:40.2, 2.6, 52.63N, 171.32E, h0km, mb3.0/3, mb1.3/5.4, mb1mx3.2/44, mbtmp3.2/4, ML2.7/1, Error ellipse: s-maj=83.0km s-min=34.1km az=173.0, Near Islands

Table for 23d 16h section, listing stations like PETK, ILAR, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, YKA, TXAR.

IDC 23 15:44:09.9, 2.9, 52.22N, 171.38E, h0km, mb3.2/2, mb1.3/7.3, mb1mx3.2/52, mbtmp3.3/3, ML2.4/1, Error ellipse: s-maj=97.7km s-min=35.4km az=178.0, Near Islands

Table for 23d 16h section, listing stations like PETK, ILAR, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, YKA, TXAR.

IDC 23 15:45:55.6, 0.6, 26.84N, 143.62E, h0km, mb4.0/20, mb1.4/2.2, mb1mx4.0/52, mbtmp4.0/22, ML3.9/2, Error ellipse: s-maj=16.4km s-min=15.0km az=70.0

NEIC 23 15:45:57.1, 0.4, 26.87N, 143.60E, h10km, mb4.3/7, Error ellipse: s-maj=9.1km s-min=7.5km az=67.0

JMA 23 15:45:58.4, 0.1, 27.04N, 143.97E, h60km, M3.5, ISCJB 23 15:46:00.7, 0.1, 27.24N, 0.05:143.53E, 0.05, h33km, mb4.0/27, Error ellipse: s-maj=7.7km s-min=5.1km az=145.3

ISC 23 15:46:02.0, 2.7, 27.14N, 0.08:143.51E, 0.07, h35km, n46, s=1256/52, mb4.0/27, Bonin Islands region

2010 DEC

Main table for 2010 DEC section, listing stations like CBJJ, JHHU, JHHJ, JHHI, JHYU, JRYU, JMAJ, MJAR, MKAR, KSAR, USRK, YHNB, KLR, SONM, CMAR, WRAB, WRA, ZALV, ZALW, MKAR, ASAR, AAK, KKAR, ARU, RES, FINES, KBZ, NVAR.

IDC 23 15:49:43.4, 0.7, 26.65N, 143.82E, h0km, mb4.0/21, mb1.4/1.25, mb1mx4.0/55, mbtmp4.0/25, ML3.4/4, Error ellipse: s-maj=17.1km s-min=16.1km az=47.0

NEIC 23 15:49:44.9, 0.4, 26.66N, 143.81E, h10km, mb4.4/8, Error ellipse: s-maj=10.6km s-min=8.1km az=72.0

JMA 23 15:49:46.9, 27.16N, 143.71E, h14km, M4.1, ISC 23 15:49:45.1, 0.6, 26.75N, 0.08:143.77E, 0.06, h10km, n48, s=1909/51, mb4.1/28, Bonin Islands region

Main table for 2010 DEC section, listing stations like CBJJ, JHHU, JHHJ, JHHI, JHYU, JRYU, JMAJ, MJAR, MKAR, KSAR, USRK, YHNB, KLR, SONM, CMAR, WRAB, WRA, ZALV, ZALW, MKAR, ASAR, AAK, KKAR, ARU, RES, FINES, KBZ, NVAR.

1326

Table for 1326 section, listing stations like ILAR, AAK, BVAR, BRVK, KKAR, INK, ARU, ABKAR, YKA, GEY, FINES, KBZ, NVAR, PDAR, NOA, BRTR, LPZA.

ISCJB 23 15:50:37.7, 0.7, 26.88N, 0.09:143.63E, 0.08, h10km, mb3.9/7, Error ellipse: s-maj=12.7km s-min=9.2km az=20.0

IDC 23 15:50:37.7, 2.7, 26.91N, 143.77E, h0km, mb3.8/6, mb1.3/9.9, mb1mx3.7/56, mbtmp3.8/9, ML3.1/3, Error ellipse: s-maj=109.5km s-min=18.5km az=77.0

NEIC 23 15:50:39.3, 0.8, 26.98N, 143.75E, h10km, mb4.4/1, Error ellipse: s-maj=19.2km s-min=10.4km az=77.0

ISC 23 15:50:39.8, 1.1, 27.00N, 0.08:143.63E, 0.10, h10km, n16, s=1918/17, mb4.0/27, Bonin Islands region

Main table for 1326 section, listing stations like CBJJ, JHHU, JHHJ, JHHI, JHYU, JRYU, JMAJ, MJAR, MKAR, KSAR, USRK, YHNB, KLR, SONM, WRAB, WRA, ASAR, AAK, KKAR, ARU, RES, FINES, KBZ, NVAR.

IDC 23 16:01:26.4, 0.4, 19.62S, 168.63E, h0km, mb4.8/25, mb1.4/9.28, mb1mx4.8/40, mbtmp4.8/28, ML4.3/3, MS4.7/7, Ms1.4/7.7, ms1mx4.1/45, Error ellipse: s-maj=15.8km s-min=11.8km az=100.0

BGR 23 16:01:29.1, 2.0, 20.08S, 170.23E, h33km, MOS 23 16:01:30.5, 1.4, 19.68S, 168.51E, h33km, mb5.4/36, Error ellipse: s-maj=8.9km s-min=7.4km az=149.8

ISCJB 23 16:01:31.1, 0.1, 19.72S, 0.03:168.44E, 0.03, h33km, mb5.3/128, MS4.8/5, Error ellipse: s-maj=5.2km s-min=3.5km az=145.9

AUST 23 16:01:34.4, 2.0, 19.76S, 168.58E, h45km, 18km, Error ellipse: s-maj=13.7km s-min=9.0km az=28.0

NEIC 23 16:01:34.4, 1.1, 19.72S, 168.47E, h59km, 9km, mb5.3/104, Error ellipse: s-maj=7.4km s-min=5.7km az=157.0

M55, 3/13, M57, 5, 1/13, ISC 23 16:01:39.1, 9.3, 19.73S, 0.05:168.59E, 0.06, h35km, n465, s=1958/44, mb5.3/128, MS4.8/5, 28C-13D, Vanuatu Islands

Main table for 1326 section, listing stations like DZM, DZM, DZM, MSVF, MSVF, MSVF, NFK, HNR, HNR, HNR, LHO, RAO, OUZ, EIDS, ARMA, ARMA, HIZ, AFI, AFI, AFI, AFI, URZ, URZ, URZ, BKZ, CTA, CTA, CTA, CTA, CTA, BFZ, THZ, CNB, KHZ.

1327

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MTSU Mount Surprise, YNG Young, PMG Port Moresby, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like IPM Ipo, USRK Ussuriysk Ar, PSI Prapat, etc.

23d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BILL Bilibino, BILL Bilibino, BILL Bilibino, etc.

23d 16h

Table with columns for call sign, location, frequency, and other details. Includes entries like G05D Wamic, OR, 90.62 42 P, P, 16 14 33.1+2.4, MDM Murphy Dome, Carlson Farm, 90.64 17 eP, P, 16 14 29.2 -1.1, etc.

2010 DEC

Table with columns for call sign, location, frequency, and other details. Includes entries like MXST Muleshoe, 99.67 57 P, P, 16 15 13.0 +0.7, 530A J-C Ranch, Comp, 90.71 61 P, P, 16 15 13.3 +0.8, 431A Sonora, 100.47 47 P, P, 16 15 17.3 +1.4, etc.

1328

Table with columns for call sign, location, frequency, and other details. Includes entries like LAST Lasithi, 144.07 303 //P, PKPbc, 16 21 03.0 +0.7, LAST Lasithi, 144.07 303 ePKPdf, PKPab, 16 20 59.8 -2.0, MOX Moxa, 144.17 335 ePKPbc, PKPab, 16 21 01.6 0.0, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like IDC 23 16:04:47.7: 1.4, 42:90N:78:19E, h0km, mb3.4/2, mb1 3.6/7, mb1mx3.4/58, mbtrmp3.6/7, ML3.3/5, MS4.3/1, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, etc. Includes stations like TKM2 Tokmak 2, NRN Naryn, KZA Kyzart, etc.

comp=Z,1.1nm,0.7s,baz=47,slow=5.2,SNR=8.7

Table: Indian-Antarctic Ridge. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

IDC 23 16:05:04.0, 2.1, 49.65S, 125.73E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/35, mbtmp4.2/4, Error ellipse: s-maj=77.0km s-min=32.3km az=126.0, Western

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

IDC 23 16:05:18.7, 3.7, 6.15S, 149.91E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/46, mbtmp3.6/3, ML1.5/1, Error ellipse: s-maj=150.6km s-min=37.8km az=120.0, New Britain region

Table: MEX 23 16:13:57.9, 0.7, 17.40N, 101.32W, h5km, 6km, MD4.0, Near coast of Guerrero. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, etc.

IDC 23 16:14:11.3, 2.5, 6.45S, 129.01E, h0km, mb3.3/1, mb1 3.3/3, mb1mx3.2/35, mbtmp3.1/3, ML3.0/2, Error ellipse: s-maj=207.6km s-min=32.1km az=67.0, Banda Sea

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

IDC 23 16:20:10.3, 1.4, 26.90N, 143.69E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.5/47, mbtmp3.6/6, ML3.8/1, MS1.0/1, MS1 4.2/1, ms1mx3.3/43, Error ellipse: s-maj=42.5km s-min=2.7km az=84.0

NEIC 23 16:20:12.3, 0.8, 26.95N, 143.40E, h10km, mb4.8/2, Error ellipse: s-maj=14.4km s-min=12.9km az=99.0

ISCJBJ 23 16:20:14.4, 0.9, 27.26N, 0.06, 143.69E, 0.08, h33km, mb3.7/6, MS4.0/1, Error ellipse: s-maj=12.0km s-min=7.1km az=36.8

JMA 23 16:20:14.2, 0.3, 27.24N, 143.66E, h27km, M4.0, Error ellipse: s-maj=10.9km s-min=9.3km az=109.0, h35km, n19, 1949/21, mb3.5/6, Bonin Islands region

Table: CBIJ Chichi jima. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, JHU Haha-jima-NKT, etc.

IDC 23 16:28:08.2, 0.9, 19.96S, 168.80E, h0km, mb4.5/6, mb1 4.5/7, mb1mx4.2/41, mbtmp4.4/7, ML3.1/1, MS4.1/2, MS1 4.2/2, ms1mx3.6/45, Error ellipse: s-maj=31.4km s-min=20.6km az=140.0

ISCJBJ 23 16:28:11.0, 0.2, 19.93S, 0.05, 168.60E, 0.05, h25km, mb5.4/26, MS4.6/1, Error ellipse: s-maj=8.1km s-min=6.0km az=43.0

BUI 23 16:28:11.9, 19.90S, 168.50E, h28km, mb5.2/12, mb5.6/18, MS5.4/13, MS7 5.0/14

NEIC 23 16:28:14.2, 1.2, 19.91S, 168.60E, h39km, 12km, mb5.6/20, Error ellipse: s-maj=10.8km s-min=9.5km az=170.0

ISCJBJ 23 16:28:12.6, 0.4, 19.97S, 0.07, 168.82E, 0.06, h25km, n90, 1945/100, mb5.7/25, 3C-3D, Vanuatu Islands

Table: DZM Mont Dzumac. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Nonsavu, etc.

Main table with columns: Call Sign, Station Name, Frequency, Mode, Power, etc. Includes stations like URZ Urewera, AFI Afamalu, BKZ Black Stump Fm, etc.

23d 16h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KHZ Kahutara, BHJ Bhuj, YSS Yuzh-Sakhalins, etc.

2010 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KURSB Kurchatov, KURK Kurchatov, HOQ Hoqian, etc.

1332

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SYO Syowa Base, RAYN Ar Rayn, RAYN Ar Rayn, etc.

Table with columns: BRTR, Call Sign, Frequency, Power, and other technical details. Includes stations like MOS Moscow, KLMR Klimovskoe, OBN Obninsk, SUR Sutherland, etc.

Table with columns: CLL, Call Sign, Frequency, Power, and other technical details. Includes stations like WTTA Wattenberg, WATA Walden, WOTA Wotom, etc.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like DUG Dugway, FLWY Flagg Ranch, PCAB Cabril, etc.

23d 16h

Table with columns: ISCO, ID, Name, Price, Acres, Status, PKP, Value, and other details. Includes entries like Idaho Springs, Pettibone, Tap, McLaughlin, Greenbush Farm, etc.

2010 DEC

Table with columns: ISCO, ID, Name, Price, Acres, Status, PKP, Value, and other details. Includes entries like Coleman, Embarrass, F35A, K32A, etc.

1334

Table with columns: ISCO, ID, Name, Price, Acres, Status, PKP, Value, and other details. Includes entries like Phoenix Point, Patterson Ranc, 130A, etc.

MSO	Missoula	83.12	43	eP	P	16 43 08.7	+0.6
KTK1	Kautokeino	83.22	342	eP	I Amb	16 43 07.9	-0.2
BSC	Santa Cruz Isl	83.23	57	P		16 43 09.0	+0.1
SLMT	Seeley Lake	83.26	42	eP	P	16 43 08.5	-0.4
ARVC	Arvin	83.50	55	P	P	16 43 10.5	+0.2
CHMT	Chamberlain Mo	83.53	43	eP	P	16 43 09.6	-0.8
BLG	Laguna Peak	83.64	56	P	P	16 43 11.2	+0.2
OSI	Osito Adit	83.75	56	P	P	16 43 12.0	+0.5
OSI	Osito Adit	83.75	56	eP	P	16 43 12.1	+0.5
HLID	Hailey	83.94	46	P	P	16 43 12.9	+0.3
HLID	Hailey	83.94	46	eP	P	16 43 12.8	+0.3
DAG	Danmarks Havn	83.98	356	i P	P	16 43 11.9	0.0
DAG	Danmarks Havn	83.98	356	i P	P	16 43 11.9	0.0
DAG	Danmarks Havn	83.98	356	i P	P	16 43 11.9	0.0
GRAC	Grapevine Rang	84.02	53	P	P	16 43 13.5	+0.6
TRC	Tromso	84.03	344	eP	P	16 43 11.9	-0.3
DAC	Darwin (Calif)	84.08	54	eP	P	16 43 13.5	0.0
DAC	Darwin (Calif)	84.08	54	eP	P	16 43 13.4	0.0
DECC	Green Verdugo	84.17	56	P	P	16 43 13.9	+0.2
EDW	Edwards Air Fo	84.23	55	P	P	16 43 14.5	+0.4
LRMC	Laurel Mountai	84.27	55	P	P	16 43 14.6	+0.3
ELK	Elko	84.33	49	eP	P	16 43 15.1	+0.4
ELK	Elko	84.33	49	eP	P	16 43 15.1	+0.4
MWC	Mount Wilson	84.39	56	eP	P	16 43 14.3	-0.8
MWC	Mount Wilson	84.39	56	eP	P	16 43 14.2	-0.8
SCI	San Clemente I	84.41	57	P	P	16 43 15.0	+0.1
LRM	Limekiln Ridge	84.44	43	eP	P	16 43 15.1	0.0
DLMT	Dillon	84.51	44	eP	P	16 43 15.4	0.0
HRV	Holler Researc	84.51	42	eP	P	16 43 15.4	+0.1
MCMT	McKenzie Canyo	84.54	45	eP	P	16 43 15.7	0.0
FURC	Furnace Creek,	84.58	53	P	P	16 43 16.4	+0.7
BFSC	Mount Baldy Ra	84.70	56	P	P	16 43 16.6	+0.1
TPNV	Topopah Spring	84.88	53	eP	P	16 43 17.6	+0.2
TPNV	Topopah Spring	84.88	53	P	P	16 43 17.6	+0.2
TPNV	Topopah Spring	84.88	53	P	P	16 43 17.6	+0.2
R11A	Troy Canyon, C	84.90	51	P	P	16 43 17.9	+0.5
R11A	Troy Canyon, C	84.90	51	eP	P	16 43 17.7	+0.2
GSC	Goldstone	85.01	55	eP	P	16 43 18.6	+0.6
GSC	Goldstone	85.01	55	P	P	16 43 18.6	+0.6
GSC	Goldstone	85.01	55	P	P	16 43 18.1	+0.1
BOZ	Bozeman (W)	85.04	43	eP	P	16 43 18.4	+0.4
BOZ	Bozeman (W)	85.04	43	P	P	16 43 18.6	+0.6
BOZ	Bozeman (W)	85.04	43	eP	P	16 43 18.1	+0.1
OBN	Obninsk	85.10	327	i P	P	16 43 17.9	+0.1
SHOC	Shoshone	85.21	54	P	P	16 43 19.3	+0.4
MURC	Murrieta	85.27	56	P	P	16 43 19.1	-0.2
EGMT	Eagleton	85.31	41	P	P	16 43 19.3	0.0
EGMT	Eagleton	85.31	41	eP	P	16 43 19.2	0.0
QLMT	Earthquake Lak	85.48	44	eP	P	16 43 21.1	+0.8
HEC	Hector,Ludlow	85.54	55	P	P	16 43 20.8	+0.2
TUQ	Turquoise Moun	85.64	54	P	P	16 43 21.4	+0.2
HVU	Hansel Valley	85.70	47	eP	P	16 43 22.0	+0.6
HVU	Hansel Valley	85.70	47	eP	P	16 43 22.0	+0.6
BGU	Big Grassy Mou	85.83	48	eP	P	16 43 22.3	+0.2
YMR	Madison River	85.84	44	eP	P	16 43 23.4	+1.3
PFO	Pinyon Flat Ob	85.86	56	eP	P	16 43 22.5	+0.2
PFO	Pinyon Flat Ob	85.86	56	P	P	16 43 22.6	+0.4
PFO	Pinyon Flat Ob	85.86	56	eP	P	16 43 22.5	+0.2
SHPR	Sheep Range	85.86	53	eP	P	16 43 22.6	+0.4
BAR	Barrett	86.00	57	eP	P	16 43 23.0	+0.1
YFT	Old Faithful	86.01	44	eP	P	16 43 25.3	+2.4
YNR	Norris Junctio	86.02	44	eP	P	16 43 24.9	+1.9
GMRC	Granite Mounta	86.07	55	P	P	16 43 23.4	+0.1
BELC	Belle Mtn. Jos	86.08	56	P	P	16 43 23.4	+0.1
KIV	Kislovodsk	86.08	315	eP	P	16 43 24.9	+1.8
GNI	Garni	86.09	311	eP	P	16 43 24.7	+1.4
STEI	Steigen	86.17	343	eP	P	16 43 22.8	-0.1
H17A	Grant Village	86.21	44	P	P	16 43 26.1	+2.1
H17A	Grant Village	86.21	44	eP	P	16 43 26.1	+2.1
FLWY	Flagg Ranch	86.25	45	eP	P	16 43 25.3	+1.2
CGMT	Greycliff	86.25	43	eP	P	16 43 24.0	0.0
DUG	Dugway	86.26	49	eP	P	16 43 24.3	+0.2
DUG	Dugway	86.26	49	P	P	16 43 24.9	+0.8
DUG	Dugway	86.26	49	eP	P	16 43 24.3	+0.2
LKWY	Lake	86.26	44	eP	P	16 43 26.5	+2.3
LKWY	Lake	86.26	44	eP	P	16 43 26.5	+2.3
LDFC	Landfair	86.39	54	eP	P	16 43 24.7	-0.1
REDW	Red T Meadow	86.42	45	eP	P	16 43 25.8	+0.9
LOF	Lofoten	86.48	344	eP	P	16 43 23.9	-0.5
AHD	Auburn Hatcher	86.48	46	eP	P	16 43 25.7	+0.4

SWSC	Sam W. Stewart	86.60	56	P	P	16 43 26.0	+0.2
HWUT	Hardware Ranch	86.61	47	eP	P	16 43 26.1	+0.2
BC3	Big Chuckwall	86.62	56	P	P	16 43 26.4	+0.4
FINES	FINESS Array B	86.67	335	P	P	16 43 24.2	-1.3
FINES	FINESS Array B	86.67	335	P	P	16 43 24.2	-1.3
IRM	Iron Mountain	86.68	55	P	P	16 43 26.7	+0.5
RLMT	Red Lodge	86.78	43	P	P	16 43 28.0	+1.4
RLMT	Red Lodge	86.78	43	eP	P	16 43 28.0	+1.4
FFC	Flin Flon	86.78	33	eP	P	16 43 26.2	0.0
FFC	Flin Flon	86.78	33	P	P	16 43 26.0	-0.2
FFC	Flin Flon	86.78	33	eP	P	16 43 26.2	0.0
CTU	Camp Tracy	86.82	48	eP	P	16 43 27.4	+0.5
CCUT	Cedar City	86.83	57	eP	P	16 43 27.8	+0.7
NLU	North Lily Min	86.87	49	eP	P	16 43 27.5	+0.3
MPU	Maple Canyon	87.16	49	eP	P	16 43 28.8	+0.2
Y12C	Blythe	87.31	55	P	P	16 43 29.7	+0.5
GLA	Glamis	87.33	56	eP	P	16 43 30.0	+0.7
GLA	Glamis	87.33	56	P	P	16 43 29.9	+0.6
GLA	Glamis	87.33	56	eP	P	16 43 30.0	+0.6
MSU	Marysvale	87.34	50	eP	P	16 43 30.1	+0.6
MSU	Marysvale	87.34	50	eP	P	16 43 30.1	+0.6
BW06	Boulder Array	87.53	46	eP	P	16 43 29.4	-0.9
PDAR	Pinedale Array	87.53	46	P	P	16 43 30.2	-0.1
TMUT	Trail Mountain	87.74	49	eP	P	16 43 32.2	+0.7
LAO	LASA Array	88.05	41	P	P	16 43 33.2	+0.6
LAO	LASA Array	88.05	41	eP	P	16 43 33.0	+0.4
SRU	San Rafael	88.30	49	eP	P	16 43 34.1	+0.1
SRU	San Rafael	88.30	49	eP	P	16 43 34.1	+0.1
FCC	Fort Churchill	88.34	27	eP	P	16 43 33.6	+0.1
FCC	Fort Churchill	88.34	27	eP	P	16 43 33.6	+0.1
DGMT	Dagmar	88.49	39	P	P	16 43 34.3	-0.2
DGMT	Dagmar	88.49	39	eP	P	16 43 34.5	0.0
SUMG	Summit	88.61	1	eP	P	16 43 35.6	+0.5
SUMG	Summit	88.61	1	P	P	16 43 35.8	+0.7
SUMG	Summit	88.61	1	eP	P	16 43 35.6	+0.5
A25A	Svagsstu Ranch	88.91	38	P	P	16 43 36.4	-0.1
WUAZ	Wupatki	89.07	53	P	P	16 43 39.0	+1.3
WUAZ	Wupatki	89.07	53	eP	P	16 43 38.7	+1.0
B25A	Knox Farm, Ray	89.19	39	P	P	16 43 37.9	+0.1
214A	Organ Pipe Nat	89.31	56	P	P	16 43 39.6	+0.9
214A	Organ Pipe Nat	89.31	56	eP	P	16 43 39.3	+0.6
O20A	White River Ci	89.50	48	eP	P	16 43 39.9	+0.2
O20A	White River Ci	89.50	48	eP	P	16 43 39.6	0.0
NSS	Namsos	89.53	342	eP	P	16 43 38.5	-0.4
PV09	Paradox Valley	89.54	49	eP	P	16 43 40.3	+0.3
A26A	Wade Farm, Ken	89.55	38	P	P	16 43 39.7	+0.2
K22A	Casper	89.61	45	P	P	16 43 40.6	+0.5
K22A	Casper	89.61	45	eP	P	16 43 40.6	+0.5
D25A	Fairfield	89.62	40	P	P	16 43 40.6	+0.8
PV10	Paradox Valley	89.66	49	eP	P	16 43 41.1	+0.6
PV05	Paradox Valley	89.74	50	eP	P	16 43 41.1	+0.2
C26A	Wahner Farm, P	90.03	39	P	P	16 43 41.5	-0.2
NAC6N	Naroch	90.08	330	e	P	16 43 42.0	+0.3
PV01	Paradox Valley	90.10	49	eP	P	16 43 42.5	0.0
F25A	Boyman	90.11	41	P	P	16 43 42.7	+0.5
D26A	Manning	90.21	39	P	P	16 43 42.6	0.0
SCO	Scoresbysund	90.35	356	i P	P	16 43 43.2	+0.5
SCO	Scoresbysund	90.35	356	i P	P	16 43 43.2	+0.5
C27A	Saylor Ranch,	90.44	39	P	P	16 43 44.0	+0.4
W18A	Petrified Fore	90.46	53	P	P	16 43 45.1	+0.9
W18A	Petrified Fore	90.46	53	eP	P	16 43 45.4	+1.1
E26A	Carlson Angus	90.46	40	P	P	16 43 44.3	+0.5
MVCO	Mesa Verde	90.53	50	P	P	16 43 44.8	+0.3
MVCO	Mesa Verde	90.53	50	eP	P	16 43 45.3	+0.7
A28A	Rude Farm, Bot	90.56	37	P	P	16 43 44.0	-0.2
RSSD	Black Hills	90.58	43	eP	P	16 43 44.6	0.0
RSSD	Black Hills	90.58	43	eP	P	16 43 44.6	0.0
H25A	Fruitedale	90.63	42	P	P	16 43 44.9	+0.3
F26A	Lodgepole	90.63	41	P	P	16 43 44.8	+0.2
B28A	Dugan Ranch, T	90.74	38	P	P	16 43 44.8	-0.2
N23A	Red Feather La	90.76	46	P	P	16 43 46.3	+0.7
N23A	Red Feather La	90.76	46	eP	P	16 43 46.6	+1.0
TUC	Tucson	90.77	55	eP	P	16 43 46.8	+1.2
TUC	Tucson	90.77	55	eP	P	16 43 46.8	+1.2
SMCO	Snowmass	90.79	48	eP	P	16 43 46.5	+0.5
I25A	Rochford	90.82	43	P	P	16 43 45.7	0.0
PHWY	Pilot Hill	90.92	46	eP	P	16 43 47.0	+0.7
G26A	Maurine	90.94	41	P	P	16 43 46.2	+0.2
F27A	Lemmon	91.02	40	P	P	16 43 47.1	+0.7
E27A	Carson	91.03	40	P	P	16 43 47.4	+1.0
J25A	Sunshine Ranch	91.06	43	P	P	16 43 46.5	-0.3
AKASG	Malin Array Be	91.14	325	P	P	16 43 45.3	-1.5
AKASG	Malin Array Be	91.14	325	P	P	16 43 45.3	-1.5

A29A	Manning Farm,	91.14	37	P	P	16 43 47.2	+0.3
H26A	Fairpoint	91.15	42	P	P	16 43 47.2	+0.2
B29A	Wagenman Farm,	91.31	37	P	P	16 43 47.9	+0.3
G27A	Dupree	91.31	41	P	P	16 43 48.2	+0.5
I26A	New Underwood	91.37	42	P	P	16 43 48.1	0.0
ISCO	Idaho Springs	91.47	47	eP	P	16 43 49.4	+0.4
ISCO	Idaho Springs	91.47	47	P	P	16 43 49.4	+0.4
ISCO	Idaho Springs	91.47	47	eP	P	16 43 49.4	+0.4
MDND	Maddock	91.48	38	P	P	16 43 48.6	+0.2

23d 16h

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like MNTX, C36A, H34A, ECSD, etc.

2010 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CPUP, Villa Florida, TWC, EGS, etc.

1338

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SGST, Jiashian, JISG, etc.

23d 17h

Table with columns: ARU, Arti, comp, 58.67, 354d, P, 17 36 29.2, -0.5, 17 38 36.4, 17 44 34.7, +1.1, 17 47 27.2, +0.4, etc.

2010 DEC

Table with columns: TIXI, Tiksi, comp, 82.98, 16, eP, P, 17 38 57.0, -0.3, VANDA, Vanda, comp, 88.97, 167, LR, LR, 18 14 21.3, etc.

1342

Table with columns: TWT, Tachien, baz=318, 0.68, 243, eP, Pn, 17 30 31.4, -0.9, NSTT, Nanjuang, baz=243, 0.77, 275, P, P, 17 30 32.8, -0.5, etc.

SONM Sogingo Array 36.60 316 P P 19 29 26.1 -0.2
WRA Warramunga Arr 47.10 193 P P 19 29 52.1 -0.1
ILAR Eielson Array 57.36 28 P P 19 31 08.0 -0.1

ISCJB 23 19:22:45.2; 1.0, 26.69N; 0.144; 2E; 0.2, h10km, mb3.8/10, Error ellipse: s-maj=30.0km s-min=17.2km az=164.0
IDC 23 19:22:45.3; 1.0, 26.61N; 0.144; 2E; 0.2, h10km, mb3.8/9, mb1.4/0.9, mb1mx3.7/40, mbtmp3.9/9, Error ellipse: s-maj=31.0km s-min=24.0km az=50.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
SONM Sogingo Array 36.60 316 P P 19 29 51.4 +0.3
CMAR Chiang Mai Arr 42.43 269 P P 19 30 42.2 +0.2
WRAB Tennant Creek 47.23 193 eP P 19 31 20.1 -0.1

IDC 23 19:26:11.5; 1.3, 26.44N; 142.08E; h0km, mb3.4/5, mb1.3/6.5, mb1mx3.3/42, mbtmp3.4/5, Error ellipse: s-maj=38.6km s-min=16.6km az=102.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
JCJ Chichijima 0.70 7 Pn Pn 19 26 28.0 -1.1
WRA Warramunga Arr 46.68 190 P P 19 34 43.0 +0.9
MKAR Makanchi Arr 50.85 310 P P 19 35 14.4 +0.4

ISCJB 23 19:27:54.2; 1.0, 27.2N; 0.1; 143.5E; 0.1, h10km, mb3.7/8, Error ellipse: s-maj=17.1km s-min=13.6km az=167.2

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
JCJ Chichijima 1.07 260 Op Pn 19 28 17.6 +0.4
MJAR Matushiro Arr 10.20 336 Pn Pn 19 30 21.9 -0.9
SONM Sogingo Array 35.30 315 P P 19 34 54.4 +2.9

BJJ 23 19:31:13.4; 26.70N; 143.90E; h5km, mb4.4/22, mb4.9/13, Ms4.8/1, Ms7.4/7/1

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
JHHJ Haha-jima-NKT 1.34 270 P P 19 31 42.7 +0.3
JCHJ Chichijima 1.41 290 Pn Pn 19 31 42.5 0.0
JCJ Chichijima 1.41 290 Pn Pn 19 32 00.0 -1.1

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
JHHJ Haha-jima-NKT 1.34 270 P P 19 31 42.7 +0.3
JCHJ Chichijima 1.41 290 Pn Pn 19 31 42.5 0.0
JCJ Chichijima 1.41 290 Pn Pn 19 32 00.0 -1.1

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
KSRs Korea Array 17.14 313 P P 19 35 18.6 +0.6
KSAR Korea Array 17.16 313 P P 19 35 18.7 +0.4
USRK Ussuriysk Arr 19.19 315 P P 19 35 48.6 +1.1

H11S3 WAKE ISLAND Hy 22.72 106 T T 19 59 14.4
H11S1 WAKE ISLAND Hy 22.72 106 T T 19 59 16.7
H11S2 WAKE ISLAND Hy 22.72 106 T T 19 59 24.6

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
KLR Kul'dur 24.39 341 P P 19 36 35.5 +0.4
XAN Xian 30.78 292 P P 19 37 31.0 -1.6
XAN Xian 30.78 292 P P 19 37 31.0 -1.6

ISCJB 23 19:31:32.4; 0.6, 26.45N; 0.09; 143.5E; 0.1, h10km, mb4.3/16, Error ellipse: s-maj=17.2km s-min=7.7km az=140.5

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
CHTO Chiang Mai 41.82 269 eP P 19 39 06.9 -0.1
CMAR Chiang Mai Arr 41.93 268 P P 19 39 08.2 +0.3
WRAB Tennant Creek 47.16 192 eP P 19 39 49.0 -0.6

ISCJB 23 19:32:09.6; 1.6, 26.70N; 143.88E; h0km, mb4.2/4, mb1.4/3.5, mb1mx3.8/44, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=217.9km s-min=24.5km az=83.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
FITZ Fitzroy Crossi 47.79 203 P P 19 39 54.9 -0.1

ISCJB 23 19:37:37.0; 1.0, 27.12N; 144.68E; h0km, mb3.4/2, mb1.3/7.3, mb1mx3.3/40, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=400.3km s-min=31.1km az=74.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
MJAR Matushiro Arr 10.88 331 Op Pn 19 40 13.2 -0.8
WRA Warramunga Arr 47.85 193 P P 19 46 16.5 -0.2
MKAR Makanchi Arr 52.17 310 P P 19 46 49.4 0.0

ISCJB 23 19:41:25.2; 38.28N; 26.43E; h8km, ML3.8 CSEM 23 19:41:26.7; 0.1, 38.28N; 26.46E; h10km, ML3.6, Error ellipse: s-maj=2.0km s-min=1.9km az=131.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
ZEY zmir 0.07 163 P P 19 41 30.3 +0.3
ZEY zmir 0.07 163 P P 19 41 32.5 +0.6
URLA Izmir 0.11 58 P P 19 41 30.1 -0.4

JCJ Chichijima 1.28 300 Sn Sb 19 32 15.4 +0.1
KSRs Korea Array 17.10 314 P Pn 19 35 33.5 -0.3
KSAR Korea Array 17.12 314 P Pn 19 35 33.5 -0.5

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
CMAR Chiang Mai Arr 41.71 268 P P 19 39 28.5 +4.6
WRAB Tennant Creek 46.95 192 eP P 19 40 05.2 -0.5
WRA Warramunga Arr 46.96 192 P P 19 40 05.2 -0.5

ISCJB 23 19:31:41.1; 3.6, 26.78N; 143.51E; h0km, mb4.4/3, mb1.4/5.4, mb1mx3.9/44, mbtmp3.4/3, ML4.1/1, Error ellipse: s-maj=217.9km s-min=24.5km az=83.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
FITZ Fitzroy Crossi 47.79 203 P P 19 39 54.9 -0.1

ISCJB 23 19:32:09.6; 1.6, 26.70N; 143.88E; h0km, mb4.2/4, mb1.4/3.5, mb1mx3.8/44, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=217.9km s-min=24.5km az=83.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
MJAR Matushiro Arr 10.93 335 Op Pn 19 34 47.0 -0.4
FITZ Fitzroy Crossi 47.79 203 P P 19 39 54.9 -0.1

ISCJB 23 19:32:10.5; 0.6, 45.79N; 152.29E; h45km, mb4.7/2, East of Kuril Islands

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
KUR Kuril'sk 3.16 261 iP Op Pn 19 41 07.1 -0.1
KUR Kuril'sk 3.16 261 iP Op Pn 19 41 07.1 -0.1
KUR Kuril'sk 3.16 261 iP Op Pn 19 41 07.1 -0.1

ISCJB 23 19:37:37.0; 1.0, 27.12N; 144.68E; h0km, mb3.4/2, mb1.3/7.3, mb1mx3.3/40, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=400.3km s-min=31.1km az=74.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
MJAR Matushiro Arr 10.88 331 Op Pn 19 40 13.2 -0.8
WRA Warramunga Arr 47.85 193 P P 19 46 16.5 -0.2
MKAR Makanchi Arr 52.17 310 P P 19 46 49.4 0.0

ISC 23 19:41:25.2; 38.28N; 26.43E; h8km, ML3.8 CSEM 23 19:41:26.7; 0.1, 38.28N; 26.46E; h10km, ML3.6, Error ellipse: s-maj=2.0km s-min=1.9km az=131.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
ZEY zmir 0.07 163 P P 19 41 30.3 +0.3
ZEY zmir 0.07 163 P P 19 41 32.5 +0.6
URLA Izmir 0.11 58 P P 19 41 30.1 -0.4

ISC 23 19:41:27.0; 0.1, 38.31N; 26.57E; h13km, ML3.6 Error ellipse: s-maj=1.2km s-min=0.5km az=240.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
ZEY zmir 0.07 163 P P 19 41 30.3 +0.3
ZEY zmir 0.07 163 P P 19 41 32.5 +0.6
URLA Izmir 0.11 58 P P 19 41 30.1 -0.4

23d 20h

Table with columns for station name, time, and residual. Includes stations like GCAM, PRK, SIGR, AYD, etc.

2010 DEC

Table with columns for station name, time, and residual. Includes stations like OVR, ARMT, CRLT, GEMT, etc.

1346

Table with columns for station name, time, and residual. Includes stations like JHHJ, JRY, JHO, JAG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YOZ, KARA, KARAI, etc.

ISCJB 23 20:07:32.4±1.0, 26.7N:0.1x143.9E:0.1, h10km, mb3.4/5, MS2.5/1, Error ellipse: s-maj=21.9km s-min=12.4km az=22.0

IDD 23 20:07:32.6±1.3, 26.73N:143.98E, h0km, mb3.4/5, mb1 3.7/6, mb1mx3.5/37, mbtmp3.4/6, ML3.5/1, MS2.6/1, Ms1 2.6/1, ms1mx1.9/29, Error ellipse: s-maj=34.0km s-min=23.7km az=72.0

ISC 23 20:07:33.9±1.2, 26.8N:0.1x143.9E:0.1, h10km, n8, c1517/7, mb3.4/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

CSEM 23 20:07:56.7±0.5, 28.45N:58.92E, h2km, ML3.5, Error ellipse: s-maj=10.8km s-min=9.1km az=50.0

TEH 23 20:07:57.2±2.8, 28.46N:59.03E, h16km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CHMN, GENO, BNSD, etc.

ISCJB 23 20:08:26.8±2.6, 38.30N:0.08:26.5E:0.1, h17km, 12km, Error ellipse: s-maj=18.8km s-min=12.1km az=20.0

DDA 23 20:08:27.9±2.4, 38.30N:26.61E, h7km, Md2.6

ISC 23 20:08:28.9±2.4, 38.30N:26.61E, h11km, 16km, n6, c05/9/11, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URLA, ZEI, ZEI, etc.

IDD 23 20:16:00.3±0.7, 27.02N:143.80E, h0km, mb3.9/16, mb1 4.0/18, mb1mx3.9/48, mbtmp3.8/18, ML3.7/2, Error ellipse: s-maj=18.7km s-min=14.9km az=84.0

NEIC 23 20:16:01.8±0.5, 27.03N:143.77E, h10km, mb4.3/3, Error ellipse: s-maj=12.8km s-min=9.3km az=80.0

JMA 23 20:16:02.0±0.2, 27.21N:143.83E, h36km, M3.6

ISCJB 23 20:16:03.0±0.5, 27.20N:0.05:143.76E:0.05, h33km, mb3.9/19, Error ellipse: s-maj=7.2km s-min=5.5km az=139.2

ISC 23 20:16:05.8±0.7, 27.13N:0.07:143.69E:0.07, h35km, n33, c1528/33, mb3.9/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRAB, WRA, FITZ, ZALV, etc.

IDD 23 20:19:05.6±1.4, 27.04N:143.65E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/43, mbtmp3.4/4, ML3.6/1, Error ellipse: s-maj=30.1km s-min=27.1km az=117.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

IDD 23 20:21:18.2±7.0, 27.38S:175.73W, h0km, mb4.5/7, mb1 4.6/7, mb1mx4.1/41, mbtmp4.4/7, Error ellipse: s-maj=131.1km s-min=27.8km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

IDD 23 20:22:02.8±1.9, 18.76S:167.08E, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.7/40, mbtmp3.0/3, ML2.7/1, Error ellipse: s-maj=45.2km s-min=28.6km az=112.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISCJB 23 20:24:43.0±0.6, 26.59N:0.08:143.61E:0.08, h10km, mb4.0/15, Error ellipse: s-maj=13.1km s-min=8.2km az=37.1

IDD 23 20:24:43.0±0.9, 26.62N:143.75E, h0km, mb3.9/13, mb1 4.1/15, mb1mx3.9/46, mbtmp3.9/15, ML3.0/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/42, Error ellipse: s-maj=26.0km s-min=16.0km az=84.0

NEIC 23 20:24:44.5±0.5, 26.63N:143.73E, h10km, mb4.7/2, Error ellipse: s-maj=14.9km s-min=9.9km az=79.0

ISC 23 20:24:45.0±0.8, 26.62N:143.75E:0.1, h10km, n27, c1504/12, mb3.9/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

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

IDD 23 20:25:15.9±1.9, 26.66N:143.64E, h0km, mb3.8/7, mb1 4.0/9, mb1mx3.8/42, mbtmp3.8/9, ML4.0/1, MS2.6/2, Ms1 2.8/2, ms1mx2.3/49, Error ellipse: s-maj=59.4km s-min=27.9km az=24.0

ISCJB 23 20:25:17.6±1.7, 27.0N:0.3:143.7E:0.2, h10km, mb3.7/7, MS2.6/1, Error ellipse: s-maj=43.0km s-min=22.0km az=25.9

ISC 23 20:25:18.1±1.6, 26.8N:0.3:143.6E:0.2, h10km, n12, c1517/10, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISCJB 23 20:25:25.7±1.0, 26.68N:0.1:143.8E:0.2, h10km, mb4.0/9, Error ellipse: s-maj=26.9km s-min=15.3km az=163.2

IDD 23 20:25:27.1±1.2, 26.64N:143.88E, h0km, mb3.8/9, mb1 4.1/10, mb1mx3.9/42, mbtmp3.9/10, ML3.7/2, MS2.6/1, Ms1 2.6/1, ms1mx2.1/51, Error ellipse: s-maj=31.6km s-min=19.8km az=78.0

ISC 23 20:25:27.2±1.1, 26.7N:0.1:143.8E:0.2, h10km, n12, c1516/11, mb3.9/9, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISCJB 23 20:28:48.9±1.0, 27.25N:0.10:143.5E:0.1, h10km, mb3.6/7, Error ellipse: s-maj=14.6km s-min=12.6km az=140.6

IDD 23 20:28:49.5±1.5, 27.19N:143.45E, h0km, mb3.6/7, mb1 3.7/10, mb1mx3.6/43, mbtmp3.6/10, ML3.3/3, Error ellipse: s-maj=38.4km s-min=20.1km az=77.0

ISC 23 20:28:51.1±1.3, 27.2N:0.1:143.4E:0.1, h10km, n11, c1504/12, mb3.5/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISCJB 23 20:32:03.5±1.1, 26.9N:0.1:143.3E:0.1, h10km, mb3.4/5, MS3.2/1, Error ellipse: s-maj=21.5km s-min=13.2km az=30.6

IDD 23 20:32:03.6±1.1, 26.93N:143.32E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/47, mbtmp3.4/5, MS3.2/1, Ms1 3.2/1, ms1mx2.2/33, Error ellipse: s-maj=44.7km s-min=22.8km az=69.0

ISC 23 20:32:05.2±1.4, 26.9N:0.2:143.3E:0.1, h10km, n7, c0565/7, mb3.4/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

ISCJB 23 20:33:56.0±0.6, 26.58N:0.08:143.81E:0.07, h10km, mb4.0/15, MS3.1/2, Error ellipse: s-maj=18.1km s-min=12.0km az=30.6

IDD 23 20:33:56.3±0.7, 26.58N:143.86E, h0km, mb3.8/12, mb1 4.0/14, mb1mx3.8/52, mbtmp3.8/14, ML3.5/2, MS3.1/3, Ms1 3.1/3, ms1mx2.5/46, Error ellipse: s-maj=19.8km s-min=15.9km az=84.0

NEIC 23 20:33:57.9±0.6, 26.63N:143.88E, h10km, mb4.7/2, Error ellipse: s-maj=15.8km s-min=11.2km az=77.0

ISC 23 20:33:58.6±0.8, 26.7N:0.1:143.76E:0.09, h10km, n24, c1504/23, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

23d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKAR Karatay Array, INK Inuvik, ILAR Eielson Array, etc.

IDC 23 22:05:07.05-0.9, 52.86N:171.02E, h0km, mb3.7/17, mb1 3.9/18, mb1mx3.8/53, mbtmp3.8/18, ML3.5/1, MS2.4/1, Ms1 2.4/1, ms1mx2.1/51, Error ellipse: s-maj=25.8km, s-min=15.4km az=158.0

ISCJB 23 22:05:09.8-0.8, 53.0N:0.1x170.8E:0.1, h24km, mb3.7/17, Error ellipse: s-maj=20.8km s-min=8.8km az=170.1, ISC 23 22:05:11.5-1.0, 52.9N:0.2x170.98E:0.09, h42km, n24, r=107/19, mb3.8/17, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK Petropavlovsk, ILAR Eielson Array, INK Inuvik, etc.

IDC 23 22:06:38.9-0.9, 34.33N:83.00E, h0km, mb3.7/12, mb1 3.9/16, mb1mx3.7/58, mbtmp3.8/16, ML3.1/4, MS3.9/2, Ms1 3.9/2, ms1mx2.8/39, Error ellipse: s-maj=21.3km s-min=19.6km az=53.0

BUI 23 22:06:40.3, 34.46N:83.07E, h8km, mb3.8/2, ML3.8/2, ISCJB 23 22:06:43.1-0.4, 34.55N:0.05:83.07E:0.1, h33km, mb3.7/10, MS3.8/2, Error ellipse: s-maj=14.5km s-min=5.3km az=159.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KOLN Koldanda, KKN Kakani, GUN Gumba, etc.

2020 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GTA Gaotai, KURBB Kurchatov Array, ZALV Zalesovo Beam, etc.

ISCJB 23 22:09:09.5-0.6, 27.05N:143.81E:0.06, h10km, mb3.9/12, Error ellipse: s-maj=10.1km s-min=7.0km az=175.4

IDC 23 22:09:10.2-1.0, 27.03N:143.81E, h0km, mb3.4/7, mb1 3.7/8, mb1mx3.5/45, mbtmp3.5/8, ML3.9/1, Error ellipse: s-maj=27.3km s-min=20.9km az=107.0

NEIC 23 22:09:11.4-0.5, 27.05N:143.85E, h10km, mb4.1/5, Error ellipse: s-maj=11.4km s-min=7.9km az=86.0, ISC 23 22:09:11.4-0.8, 27.04N:143.80E:0.08, h10km, n18, r=93/19, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJH Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

ISCJB 23 22:11:58.8-0.3, 26.64N:143.77E:0.05, h10km, mb4.2/41, Error ellipse: s-maj=7.8km s-min=5.8km az=16.4

IDC 23 22:11:58.9-0.6, 26.65N:143.79E, h0km, mb4.0/19, mb1 4.2/22, mb1mx4.1/46, mbtmp4.0/22, ML3.5/3, MS2.9/3, Ms1 2.9/3, ms1mx2.4/44, Error ellipse: s-maj=16.7km s-min=14.1km az=190.0

NIED 23 22:12:00.27:10N:143.70E, h5km, Mw4.2 Best double couple: M=2.31000e+15, NP1:323.00000, R30.00000, lambda-73.00000, NP2:124.00000, delta1.00000, lambda-100.00000

NEIC 23 22:12:00.5-0.2, 26.65N:143.76E, h10km, mb4.4/23, Error ellipse: s-maj=4.8km s-min=4.5km az=94.0, JMA 23 22:12:01.0-0.2, 27.14N:143.68E, h6km, M4.1, ISC 23 22:12:00.6-0.5, 26.67N:143.75E:0.06, h10km, m64, r=64/66, mb4.2/41, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHHH Haha-jima-NKT, CBJH Chichijima, MAT Matsushiro, etc.

1350

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV 0.5nm,0.3s,baz=101,slow=6.0,SNR=4.4, ASAR Alice Springs, etc.

MEX 23 22:14:46.0-0.5, 16.45N-97.86W, h16km, gkm, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VHO Vista Hermosa, TLIG Tlapa, CAIG El Cayaco, etc.

MOS 23 22:23:51.8-0.9, 27.05N:143.41E, h10km, mb5.2/76, Error ellipse: s-maj=7.3km s-min=4.4km az=106.2, IDC 23 22:23:51.7-0.4, 27.05N:143.45E, h0km, mb4.8/32, mb1 4.9/38, mb1mx4.9/48, mbtmp4.8/38, ML4.2/6, MS3.8/25, Ms1 3.8/25, ms1mx3.7/40, Error ellipse: s-maj=12.3km s-min=11.6km az=146.0

ISCJB 23 22:23:52.0-1.0, 27.14N:143.39E:0.02, h10km, mb5.0/28, MS3.9/22, Error ellipse: s-maj=3.7km s-min=2.2km az=172.8, GCMT 23 22:23:53.8-0.4, 27.04N:143.48E, h22km, 1km, MW4.9/74, Moment Tensor Solution, s15,c18; s74,c98; Duration: 0. Moment tensor: Scale 10^19Nm; Mr=3.12e-27; Mw=0.78; M1: Mw2.34E+16; Mw=0.74E+27; Mw=0.72E+07; Mu=0.56E+20; Best double couple: M=3.01000e+10, NP1:351.00000, R53.00000, lambda-99.00000, NP2:345.34500, R38.00000, lambda-79.00000, Principal axes: T 2.7330, Plg8.0000, Azm247.0000, N 0.5580, Plg7.0000, Azm155.0000, P -3.2880, Plg80.0000, Azm25.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

BUI 23 22:23:53.0, 27.11N:143.09E, h5km, mb4.7/56, mb5.0/41, Ms4.6/37, Ms7.4/341, NEIC 23 22:23:53.9-1.9, 27.06N:143.42E, h12km, 11km, mb5.1/153, Error ellipse: s-maj=4.0km s-min=2.7km az=135.0

JMA 23 22:23:54.0-0.2, 27.16N:143.53E, h26km, M4.9, ISC 23 22:23:52.8-1.1, 27.11N:143.416E:0.04, h5km, 6km, n791, r=97/836, mb5.0/218, MS3.9/23, 4C-4D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJH Chichijima, JHHH Haha-jima-NKT, JHHH Hachijo jima 2, etc.

MAJO	eSn	Sn	22 28 15.2	-4.4	
MAT	Matsushiro	10.40 336	P	22 28 22.6	0.0
MAT	Wonju Array	16.69 312	Pn	22 27 49.1	-0.6
JMK	Ichinoseki	11.95 352	P	22 26 40.9	-2.9
JMK	Guam	13.52 174	eS	22 28 47.2	-1.0
GUMO	Kunigami	13.54 272	LR	22 31 02.1	
JOW	Korea Array	16.68 312	Pn	22 27 06.5	+0.9
KRSR	Korea Array	16.68 312	Pn	22 27 49.2	-0.4
KRSR	Korea Array	16.68 312	LR	22 34 38.7	
KRSR	Korea Array	16.68 312	P	22 27 49.2	-0.4
KRSR	Korea Array	16.68 312	Pmax		
KRSR	Korea Array	16.68 312	MLR		
KRSR	Korea Array	16.68 312	MLR		
KSAR	Wonju Array	16.69 312	P	22 27 49.2	-0.6
KSAR	Wonju Array	16.69 312	Pn	22 27 49.1	-0.6
ASAJ	Asahikawa	16.98 358	Pn	22 27 50.1	-0.9
ASAJ	Asahikawa	16.98 358	Pn		
ASAJ	Asahikawa	16.98 358	Sn	22 30 50.2	-1.0
INCN	Incheon	17.56 310	eP	22 27 57.2	-1.0
VLA	Vladivostok	18.53 332	P	22 28 11.2	+1.1
VLA	Vladivostok	18.53 332	Pmax		
USRK	Ussuriysk Ar.	19.39 334	P	22 28 19.1	-0.4
USRK	Ussuriysk Ar.	19.39 334	LR	22 35 38.4	
YSS	Yuzh-Sakhalins	19.81 359	eP	22 28 23.6	-0.4
YSS	Yuzh-Sakhalins	19.81 359	Pmax		
YSS	Yuzh-Sakhalins	19.81 359	P	22 28 23.6	-0.4
TATO	Taipei	19.85 269	eP	22 28 25.1	+0.5
NACB	Ninganchiao	19.92 266	eP	22 28 25.4	0.0
YHNB	Yeheni	20.01 268	eP	22 28 26.3	-0.2
YULB	Yu-li	20.38 264	eP	22 28 30.6	+0.2
SSLB	Suanguang	20.58 266	eP	22 28 33.4	+0.7
SSLB	Suanguang	20.58 266	eSn	22 32 28.3	+0.9
MDJ	Mudanjiang	20.71 331	P	22 28 34.8	+0.9
MDJ	Mudanjiang	20.71 331	Pp	22 28 37.4	+2.0
MDJ	Mudanjiang	20.71 331	S	22 28 39.3	+3.2
MDJ	Mudanjiang	20.71 331	S	22 32 26.8	+1.3
MDJ	Mudanjiang	20.71 331	ScP	22 36 20.4	-0.5
MDJ	Mudanjiang	20.71 331	PcS	22 36 21.9	+0.6
MDJ	Mudanjiang	20.71 331	ScS	22 40 04.3	+0.3
MDJ	Mudanjiang	20.71 331	PMZ		
MDJ	Mudanjiang	20.71 331	PMZ		
MDJ	Mudanjiang	20.71 331	LN		
MDJ	Mudanjiang	20.71 331	LE		
MDJ	Mudanjiang	20.71 331	LE		
MDJ	Mudanjiang	20.71 331	LZ		
MDJ	Mudanjiang	20.71 331	P	22 28 34.7	+0.9
TWG	Pinlang	20.73 263	eP	22 28 33.9	-0.3
SNY	Shenyang	21.92 317	P	22 28 48.0	+1.1
NJ2	Nanjing	21.93 289	eP	22 28 47.4	+0.3
CN2	Changchun	22.11 324	P	22 28 49.1	+0.2
CN2	Changchun	22.11 324	eS	22 28 56.1	+4.9
CN2	Changchun	22.11 324	eS	22 32 48.1	-4.9
CN2	Changchun	22.11 324	PMZ		
CN2	Changchun	22.11 324	LN		
CN2	Changchun	22.11 324	LE		
CN2	Changchun	22.11 324	LE		
CN2	Changchun	22.11 324	LZ		
SZP	Santa	23.27 251	eP	22 29 00.5	-0.8
KLR	Kuldur	23.86 341	P	22 29 08.2	+1.2
KLR	Kuldur	23.86 341	LR	22 40 17.2	
TIA	Tai'an	24.12 289	P	22 29 08.1	-1.4
WHN	Wuhan	25.69 285	P	22 29 18.8	-5.0
BJT	Baijiatou	26.01 307	eP	22 29 27.6	+1.0
BJT	Baijiatou	26.01 307	Pmax		
BJT	Baijiatou	26.01 307	P	22 29 27.6	+1.0
BJI	Beijing	26.02 307	P	22 29 27.0	+0.3
BJI	Beijing	26.02 307	S	22 33 58.8	+0.9
BJI	Beijing	26.02 307	S		
BJI	Beijing	26.02 307	Pmax		
BJI	Beijing	26.02 307	Pmax		
BJI	Beijing	26.02 307	P	22 29 26.9	+0.3
BJI	Beijing	26.02 307	S	22 33 58.8	+0.9
BJI	Beijing	26.02 307	PMZ		
BJI	Beijing	26.02 307	PMZ		
BJI	Beijing	26.02 307	LN		
BJI	Beijing	26.02 307	LE		
BJI	Beijing	26.02 307	LE		
BJI	Beijing	26.02 307	LZ		
NKL	Nikolayevsk	26.09 356	iP	22 29 28.0	+0.9
NKL	Nikolayevsk	26.09 356	Pmax		
DAV	Davao City (W)	26.18 224	LR	22 38 40.6	
HIA	Hailar	28.70 327	eP	22 29 51.7	+1.0
HIA	Hailar	28.70 327	Pmax		
HIA	Hailar	28.70 327	P	22 29 51.7	+1.0
HIC	Hu-ho-hao-te	29.60 306	eP	22 29 59.8	+0.9
HHC	Hu-ho-hao-te	29.60 306	PP	22 30 57.3	+4.0
HHC	Hu-ho-hao-te	29.60 306	S	22 34 53.5	-1.2
HHC	Hu-ho-hao-te	29.60 306	S	22 34 59.8	+2.4
HHC	Hu-ho-hao-te	29.60 306	PMZ		
HHC	Hu-ho-hao-te	29.60 306	PMZ		
HHC	Hu-ho-hao-te	29.60 306	LN		
HHC	Hu-ho-hao-te	29.60 306	LE		
HHC	Hu-ho-hao-te	29.60 306	LE		
HHC	Hu-ho-hao-te	29.60 306	LZ		
ENH	Enshi	29.90 284	eP	22 30 02.2	+0.6
SWI	Sorong	30.19 205	P	22 30 03.1	-1.0
SLI	Sorong	30.20 205	P	22 30 05.1	+0.9
XAN	Xi'an	30.42 292	P	22 30 05.5	-0.7
XAN	Xi'an	30.42 292	PMZ		
LBMI	Labuha	31.58 212	P	22 30 16.7	+0.3
QIZ	Qiongzong	31.88 263	P	22 30 18.6	-0.5
QIZ	Qiongzong	31.88 263	S	22 35 29.8	-0.7
QIZ	Qiongzong	31.88 263	PMZ		
QIZ	Qiongzong	31.88 263	LN		
QIZ	Qiongzong	31.88 263	LE		
QIZ	Qiongzong	31.88 263	LE		
QIZ	Qiongzong	31.88 263	LZ		
QIZ	Qiongzong	31.88 263	P	22 30 19.7	+0.6
GYA	Gulyang	32.78 277	P	22 30 28.0	+0.9
GYA	Gulyang	32.78 277	PP	22 31 37.8	+2.6

GYA	PcP	PcP	22 33 14.3	+1.9	
GYA	S	S	22 35 44.6	0.0	
GYA	ScP	ScP	22 36 57.0	-0.1	
GYA	PMZ				
GYA	PMZ				
GYA	LN				
GYA	LE				
GYA	LZ				
MSAI	Masohi	33.37 207	P	22 30 32.7	+0.6
SANI	Sanana	33.53 213	P	22 30 32.0	-1.5
LZH	Lanzhou	34.71 295	eP	22 30 43.6	-0.2
LZH	Lanzhou	34.71 295	pP	22 30 47.3	+1.8
LZH	Lanzhou	34.71 295	sP	22 30 48.5	+2.3
LZH	Lanzhou	34.71 295	PP	22 31 59.9	+0.4
LZH	Lanzhou	34.71 295	eS	22 36 12.0	-2.5
LZH	Lanzhou	34.71 295	S	22 36 18.0	+0.8
LZH	Lanzhou	34.71 295	PMZ		
LZH	Lanzhou	34.71 295	PMZ		
LZH	Lanzhou	34.71 295	LN		
LZH	Lanzhou	34.71 295	LE		
LZH	Lanzhou	34.71 295	LZ		
CD2	Chengdu	34.80 286	iP	22 30 43.6	-0.9
CD2	Chengdu	34.80 286	pP	22 30 46.1	-0.1
CD2	Chengdu	34.80 286	sP	22 30 51.1	+4.3
CD2	Chengdu	34.80 286	PcP	22 33 17.3	-0.7
CD2	Chengdu	34.80 286	S	22 36 08.1	-7.6
CD2	Chengdu	34.80 286	ScS	22 41 01.8	-5.7
CD2	Chengdu	34.80 286	PMZ		
CD2	Chengdu	34.80 286	PMZ		
CD2	Chengdu	34.80 286	LN		
CD2	Chengdu	34.80 286	LE		
CD2	Chengdu	34.80 286	LZ		
ULN	Ulanbaatar	35.09 316	eP	22 30 47.9	+0.9
ULN	Ulanbaatar	35.09 316	Pmax		
ULN	Ulanbaatar	35.09 316	eP	22 30 47.9	+0.9
SOM1	Songino Array	35.49 316	eP	22 30 48.9	-1.5
SOM1	Songino Array	35.49 316	P	22 30 51.7	+1.4
SOM1	Songino Array	35.49 316	PcP	22 33 20.0	+0.3
SOM1	Songino Array	35.49 316	LR	22 45 35.6	
YAK	Yakutsk	36.10 349	iP	22 30 55.6	+0.3
YAK	Yakutsk	36.10 349	Pmax		
YAK	Yakutsk	36.10 349	Pmax		
YAK	Yakutsk	36.10 349	P	22 30 55.8	+0.5
SEY	Seymchan	36.30 7	P	22 30 58.0	+1.1
SLVN	Son La	36.42 270	eP	22 30 58.8	+0.2
PMG	Port Moresby	36.48 174	eP	22 30 59.1	+0.2
PMG	Port Moresby	36.48 174	Pmax		
PMG	Port Moresby	36.48 174	eP	22 30 59.1	+0.2
KMI	Kunming	36.50 276	P	22 31 00.8	+1.4
KMI	Kunming	36.50 276	pP	22 31 03.8	+2.7
KMI	Kunming	36.50 276	sP	22 31 05.0	+3.2
KMI	Kunming	36.50 276	PP	22 32 24.4	+2.0
KMI	Kunming	36.50 276	S	22 36 41.0	+1.3
KMI	Kunming	36.50 276	S	22 36 46.8	+1.7
KMI	Kunming	36.50 276	LN		
KMI	Kunming	36.50 276	LE		
KMI	Kunming	36.50 276	LZ		
BOD	Bodaibo	37.03 334	eP	22 31 03.2	0.0
BOD	Bodaibo	37.03 334	Pmax		
SKNT	Sakolnakorn	37.82 263	P	22 31 10.6	+0.2
GTA	Gaotai	38.15 300	eP	22 31 12.4	-0.8
GTA	Gaotai	38.15 300	pP	22 31 18.4	+1.6
GTA	Gaotai	38.15 300	sP	22 31 19.8	+4.3
GTA	Gaotai	38.15 300	S	22 37 05.6	-1.4
GTA	Gaotai	38.15 300	S	22 37 14.1	-2.2
GTA	Gaotai	38.15 300	PMZ	22 39 41.6	-8.3
GTA	Gaotai	38.15 300	PMZ		
GTA	Gaotai	38.15 300	LN		
GTA	Gaotai	38.15 300	LE		
GTA	Gaotai	38.15 300	LZ		
ZAK	Zakamensk	38.35 318	eP	22 31 09.6	-5.0
ZAK	Zakamensk	38.35 318	Pmax		
TLY	Talaya	38.64 320	eP	22 31 19.0	+2.0
TLY	Talaya	38.64 320	eS	22 37 15.9	+5.6
TLY	Talaya	38.64 320	eSS	22 40 33.2	
TLY	Talaya	38.64 320	PMZ		
TLY	Talaya	38.64 320	MLR		
TLY	Talaya	38.64 320	MLR		
TLY	Talaya	38.64 320	P	22 31 18.3	+1.3
KHON	Khonkaen	39.09 263	P	22 31 23.2	+2.1
CRAI	Chiangrai	39.90 270	P	22 31 19.8	-8.1
MOY	Mondul	40.16 319	eP	22 31 30.9	+1.1
UTTA	Utтарит	40.57 266	P	22 31 33.2	-0.2
SBKT	Sadaco Pong	40.64 264	P	22 31 33.9	-0.1
SRAK	Srakueh	40.72 260	P	22 31 30.5	-4.2
KSM	Kuching	40.74 237	eP	22 31 35.5	+0.6
STKI	Sintang	40.84 234	P	22 31 34.3	-1.3
SOEI	Soe	41.11 210	eP	22 31 38.5	+0.6
MTN	Manton Dam	41.48 198	eP	22 31 39.7	-1.1
CMMT	Chiang Mai	41.63 268	P	22 31 41.4	-0.8
CHTO	Chiang Mai	41.63 268	P	22 31 41.8	-0.4
CHTO	Chiang Mai	41.63 268	eP	22 31 41.8	-0.4
CHTO	Chiang Mai	41.63 268	Pmax		
CHTO	Chiang Mai	41.63 268	P	22 31 41.8	-0.4
CM01	Chiang Mai Arr	41.76 268	eP	22 31 41.8	-1.3
CMAR	Chiang Mai Arr	41.76 268	P	22 31 42.3	-0.9
CMAR	Chiang Mai Arr	41.76 268	PcP	22 33 40.3	+0.6
CMAR	Chiang Mai Arr	41.76 268	LR	22 51 06.6	
UMPA	Umpang Tak	42.65 265	P	22 31 52.4	+1.9
MHMT	Maesarieng	42.76 268	P	22 31 51.3	0.0
SRDT	SRDT	43.15 262	P	22 31 55.6	+1.1
BILL	Bilibino	43.19 12	iP	22 31 55.1	+0.9
BILL	Bilibino	43.19 12	Pmax		

BILL	Bilibino	43.19 12	eP	22 31 54.9	+0.7
KHLT	Khloaem Dam	43.44 263	P	22 31 59.9	+3.0
HVS					

23d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KSH, KSH, KSH, KSH, KSH, KSH, comp=Z,13nm,1.0s, KSH, comp=Z,230nm,5.5s, KSH, comp=Z,150nm,4.3s, KSH, comp=Z,150nm,5.9s, KSH, comp=Z,310nm,5.5s, MDM, Murphy Dome, 56.60 28 eP P, 22 33 37.3 +1.1, WRM, Wood River Hill, 56.60 29 eP P, 22 33 36.3 +0.1, SCM, Sheep Creek Mo, 56.69 32 eP P, 22 33 37.7 +0.7, SCM, Sheep Creek Mo, 56.69 32 eP P, 22 33 37.7 +0.7, CCB, Clear Creek Bu, 56.75 29 eP P, 22 33 37.9 +0.7, COLA, College, 56.76 28 i P P, 22 33 38.4 +1.1, COLA, 56.78 31 eP P, 22 33 37.8 +0.1, DHY, Denali Highway, 56.78 31 eP P, 22 33 37.8 +0.1, FRU, Bishkek, 57.06 305 eP P, 22 33 39.0 -0.9, HDA, Harding Lake, 57.09 29 eP P, 22 33 39.4 -0.3, ILI, Eielson Array, 57.15 29 eP P, 22 33 38.1 -2.1, ILAR, Eielson Array, 57.15 29 eP P, 22 33 39.4 -0.8, ILAR, comp=Z,13nm,0.9s,baz=261,slo=6.0,SNR=89, 22 58 36.9, AAK, Ala-Archa, 57.17 305 eP P, 22 33 41.8 +0.9, AAK, Ala-Archa, 57.17 305 eP P, 22 33 41.8 +0.9, AAK, Ala-Archa, 57.17 305 eP P, 22 33 41.8 +0.9, KLU, Klutina, 57.34 33 eP P, 22 33 42.5 +0.9, DIV, Divide, 57.40 33 eP P, 22 33 42.9 +0.9, PAX, Paxson, 57.63 31 eP P, 22 33 44.1 +0.4, PAX, Paxson, 57.63 31 eP P, 22 33 44.1 +0.4, PAX, Paxson, 57.63 31 eP P, 22 33 44.1 +0.4, EKS2, Erkin-Say, 57.69 305 eP P, 22 33 44.8 +0.3, EKS2, Erkin-Say, 57.69 305 eP P, 22 33 44.8 +0.3, HARP, HAARP, 57.75 31 eP P, 22 33 45.5 +1.1, BMRM, Bremner River, 57.96 33 eP P, 22 33 46.9 +1.0, DOT, Dot Lake, 58.30 30 eP P, 22 33 48.3 0.0, DOT, Vostochmaya, 58.46 317 eP P, 22 34 39.9 +0.6, VOSK, Vostochmaya, 58.46 317 eP P, 22 33 49.7 +0.1, VOSK, Vostochmaya, 58.46 317 eP P, 22 33 49.7 +0.1, STKA, Stephens Creek, 58.69 182 P P, 22 33 49.9 -1.3, BVAR, Borovoye Array, 58.80 317 P P, 22 33 52.2 +0.3, BRVK, Borovoye, 58.86 318 eP P, 22 33 52.7 +0.4, BRVK, Borovoye, 58.86 318 eP P, 22 33 52.7 +0.4, BRVK, Borovoye, 58.86 318 eP P, 22 33 52.7 +0.4, BRVK, Borovoye, 58.86 318 eP P, 22 33 52.7 +0.4, ZRNK, Zerenda, 59.63 317 eP P, 22 33 57.9 +0.2, ZRNK, Zerenda, 59.63 317 eP P, 22 33 57.9 +0.2, KKR, Karatay Array, 59.99 306 eP P, 22 34 00.3 0.0, KKR, Karatay Array, 59.99 306 eP P, 22 34 00.3 0.0, KKR, Karatay Array, 59.99 306 eP P, 22 34 00.3 0.0, DAW, Hyderabad, 60.27 275 i P P, 22 34 02.0 -0.6, HWB, Dawson, 60.27 30 P P, 22 34 03.3 +0.6, INK, Inuvik, 62.54 25 P P, 22 34 17.6 +0.5, INK, Inuvik, 62.54 25 eP P, 22 34 16.4 -0.7, INK, Inuvik, 62.54 25 eP P, 22 34 16.4 -0.7, KBL, Kabul, 63.02 297 eP P, 22 34 21.8 +0.6, KBL, Kabul, 63.02 297 eP P, 22 34 21.8 +0.6, SVE, Sverdlovsk, 63.90 323cP P, 22 34 26.8 +0.5, POO, Poona, 64.03 278 eP P, 22 34 26.0 -1.9, NWA0, Narogin (SRO), 64.71 204 eP P, 22 34 30.1 -1.7, NWA0, Narogin (SRO), 64.71 204 eP P, 22 34 30.1 -1.7, ARU, Arti, 65.10 322d i P P, 22 34 34.2 0.0, ARU, Arti, 65.10 322 eP P, 22 34 34.2 0.0, DLBC, Dease Lake, 65.54 35 P P, 22 34 38.5 +1.4, DLBC, Dease Lake, 65.54 35 eP P, 22 34 38.8 +1.6, ABKAR, Akbulak array, 65.89 315 eP P, 22 34 39.6 +0.1, AKTO, Aktyubinsk, 66.81 316 P P, 22 34 45.4 +0.1, GEYT, Ailbeck, 70.44 303 P P, 22 35 08.1 -0.1, GEYT, 70.44 303 P P, 22 35 08.1 -0.1, YKA, Yellowknife Ar, 71.58 29 P P, 22 35 14.3 -0.4, YKB5, Yellowknife Ar, 71.58 29 P P, 22 35 13.3 -1.3, RES, Resolute Bay, 71.77 14 eP P, 22 35 16.4 +0.8, RES, Resolute Bay, 71.77 14 eP P, 22 35 16.4 +0.8, RES, Resolute Bay, 71.77 14 eP P, 22 35 16.4 +0.8, TMCR, Tamitsa, 72.32 334 eP P, 22 35 20.3 +1.2, B05A, Bryant, 73.08 44 P P, 22 35 23.8 -0.1, KLMR, Klimovskoe, 73.13 330 eP P, 22 35 23.2 -0.7, ARCES, ARCESS Array B, 73.89 341 P P, 22 35 28.7 +0.4, I03D, Drain, OR, 73.98 45 P P, 22 35 28.6 -0.6, LTY, Liberty, 73.98 45 eP P, 22 35 32.1 +0.6, L02D, Cave Junction, 74.39 50 P P, 22 35 31.4 -0.4

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like I04A, Tendick Farm, 74.57 49 P P, 22 35 32.4 -0.4, G05D, Wamic, OR, 74.72 47 P P, 22 35 33.5 -0.1, B08A, Colville Reser, 74.74 43 eP P, 22 35 33.8 +0.1, J04D, Umpqua Nationa, 74.98 49 P P, 22 35 35.1 -0.3, I05D, Terrebonne, OR, 75.06 48 P P, 22 35 35.3 -0.4, E07A, Sunnyside, 75.14 45 eP P, 22 35 37.1 +1.1, YBH, Yreka Blue Hor, 75.17 51 P P, 22 35 37.1 +0.8, M02C, Callahan, 75.20 51 P P, 22 35 36.3 -0.3, W5AR, Wadi Sarin, 75.41 289 LR LR, 23 12 56.1, N02D, Trinity Center, 75.47 51 P P, 22 35 38.1 0.0, D08A, Wollman Farm, 75.52 44 eP P, 22 35 38.9 +0.7, J05D, Fort Rock, OR, 75.55 49 P P, 22 35 39.2 +0.5, C09A, Chrisman Ranch, 75.62 44 eP P, 22 35 39.3 +0.6, WDC, Whiskeytown Da, 75.74 52 eP P, 22 35 40.4 +0.9, WDC, Whiskeytown Da, 75.74 52 eP P, 22 35 40.4 +0.9, M04C, Macdoel, 75.75 50 P P, 22 35 39.6 -0.2, DAG, Danmarks Havn, 75.77 356 i P P, 22 35 39.1 +0.1, DAG, Danmarks Havn, 75.77 356 i P P, 22 35 39.1 +0.1, I05D, Damavand, 75.84 303 eP P, 22 35 40.9 +0.3, K05A, Summer Lake, 76.01 49 eP P, 22 35 42.4 +1.1, EDM, Edmonton, 76.12 37 eP P, 22 35 42.1 +0.6, EDM, Edmonton, 76.12 37 eP P, 22 35 42.1 +0.6, EDM, Edmonton, 76.12 37 eP P, 22 35 42.1 +0.6, NEW, Newport, 76.13 43 P P, 22 35 42.1 +0.4, NEW, Newport, 76.13 43 eP P, 22 35 41.9 +0.2, NEW, Newport, 76.13 43 eP P, 22 35 41.9 +0.2, NEW, Newport, 76.13 43 eP P, 22 35 41.9 +0.2, VRH, Novokhoppyorsk, 76.21 321 eP P, 22 35 41.2 -0.8, VRH, Novokhoppyorsk, 76.21 321 eP P, 22 35 41.2 -0.8, VRH, Novokhoppyorsk, 76.21 321 eP P, 22 35 41.2 -0.8, VRH, Novokhoppyorsk, 76.21 321 eP P, 22 35 41.2 -0.8, G08A, Pilot Rock, 76.23 46 eP P, 22 35 43.2 +0.8, MOS, Moscow, 76.33 326 eP P, 22 35 40.5 -2.1, M03D, Paynes Creek, 76.37 52 P P, 22 35 43.0 -0.3, M03D, Modoc, 76.75 50 eP P, 22 35 45.8 +0.4, U05S, Wadi Hiliu, 76.76 291 eP P, 22 35 47.7 +2.0, ORV, Oroville, 76.88 52 eP P, 22 35 46.1 0.0, ORV, Oroville, 76.88 52 eP P, 22 35 46.1 0.0, ORV, Oroville, 76.88 52 eP P, 22 35 46.1 0.0, ORV, Oroville, 76.88 52 eP P, 22 35 46.1 0.0, OHCM, Honcut, 76.98 52 eP P, 22 35 46.7 +0.1, F10A, Beach Ranch, 77.04 45 eP P, 22 35 48.1 +1.2, LPSR, Galich'ya Gora, 77.12 323 eP P, 22 35 46.9 -0.2, LPSR, Galich'ya Gora, 77.12 323 eP P, 22 35 46.9 -0.2, LPSR, Galich'ya Gora, 77.12 323 eP P, 22 35 46.9 -0.2, LPSR, Galich'ya Gora, 77.12 323 eP P, 22 35 46.9 -0.2, OBN, Obninsk, 77.16 326 i P P, 22 35 47.7 +0.5, OBN, Obninsk, 77.16 326 i P P, 22 35 47.7 +0.5, OBN, Obninsk, 77.16 326 i P P, 22 35 47.7 +0.5, OBN, Obninsk, 77.16 326 i P P, 22 35 47.7 +0.5, J08A, Circle Bar Ran, 77.36 48 eP P, 22 35 49.6 +0.8, BMO, Blue Mountains, 77.47 46 eP P, 22 35 49.6 +0.1, AFDN, Forest Hills D, 77.51 53 eP P, 22 35 50.2 +0.6, VSR, Storozevoye, 77.64 321 eP P, 22 35 49.5 -0.5, VSR, Storozevoye, 77.64 321 eP P, 22 35 49.5 -0.5, VSR, Storozevoye, 77.64 321 eP P, 22 35 49.5 -0.5, VSR, Storozevoye, 77.64 321 eP P, 22 35 49.5 -0.5, WVOR, Wild Horse Val, 77.64 49 eP P, 22 35 50.6 +0.2, WVOR, Wild Horse Val, 77.64 49 eP P, 22 35 50.6 +0.2, WALA, Waterton Lakes, 77.69 41 eP P, 22 35 51.0 +0.4, BSMT, Bassoo Peak, 77.72 42 eP P, 22 35 51.9 +1.0, JTMT, Lette, 78.07 42 eP P, 22 35 53.5 +0.8, GOF, Gofitskoye, 78.13 315 eP P, 22 35 53.5 +0.6, YBMT, Yellow Bay, 78.18 42 eP P, 22 35 54.0 +0.7, SWMT, Swartz Lake, 78.35 43 eP P, 22 35 54.5 +0.3, FINES, FINESS Array B, 78.43 334 P P, 22 35 53.9 -0.3, ZEI, Tsey, 78.58 312 eP P, 22 35 54.9 -0.9, PPT, Papeete, 78.66 116 LR LR, 23 01 12.9, MSO, Missoula, 78.69 43 P P, 22 35 55.8 -0.3, MSO, Missoula, 78.69 43 eP P, 22 35 56.4 +0.2, SLMT, Seeley Lake, 78.78 43 eP P, 22 35 56.9 +0.3, KBZ, Khabaz, 78.82 313 P P, 22 35 57.6 +0.9, KBZ, Khabaz, 78.82 313 P P, 22 35 57.6 +0.9, KVAR, Kislovodsk Arr, 78.85 314 LR LR, 23 15 07.0, KIV, Kislovodsk, 78.86 314 eP P, 22 35 58.9 +1.8, KIV, Kislovodsk, 78.86 314 eP P, 22 35 57.5 +1.6, KIV, Kislovodsk, 78.86 314 P P, 22 35 59.5 +2.4, KIV, Kislovodsk, 78.86 314 eP P, 22 35 58.0 +1.0, MFID, Camas Ranch, 79.07 47 eP P, 22 35 58.7 +0.4, CHMT, Chamberlain Mo, 79.07 43 eP P, 22 35 58.1 -0.3, GNI, Garni, 79.18 310 eP P, 22 35 59.7 +0.6, GNI, Garni, 79.18 310 eP P, 22 35 59.7 +0.6, GNI, Garni, 79.18 310 eP P, 22 35 59.7 +0.6, GNI, Garni, 79.18 310 eP P, 22 35 59.7 +0.6, BMN, Battle Mountai, 79.48 50 eP P, 22 36 01.5 +0.9, BMN, Battle Mountai, 79.48 50 eP P, 22 36 01.5 +0.9, BMN, Battle Mountai, 79.48 50 eP P, 22 36 01.5 +0.9, BMN, Battle Mountai, 79.48 50 eP P, 22 36 01.5 +0.9, NV01, Mina Array Sit, 79.61 52 eP P, 22 36 01.6 +0.1, NVAR, Mina Array Bea, 79.61 52 P P, 22 36 01.7 +0.2, NVAR, Mina Array Bea, 79.61 52 P P, 22 36 01.7 +0.2, NVAR, Mina Array Bea, 79.61 52 P P, 22 36 01.7 +0.2, NVAR, Mina Array Bea, 79.61 52 P P, 22 36 01.7 +0.2

1352

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NVAR, comp=Z,128nm,20.1s,baz=266,slo=30, LR LR, 23 03 50.9, HLID, Hailey, 79.91 46 P P, 22 36 02.9 -0.1, HLID, Hailey, 79.91 46 eP P, 22 36 03.5 +0.5, VSU, Vasula, 79.92 332 eP P, 22 36 02.9 +0.5, LRM, Limekiln Ridge, 80.08 44 eP P, 22 36 04.2 +0.3, VES, Vestal, Richgr, 80.20 55 P P, 22 36 04.3 -0.1, DLMT, Dillon, 80.21 44 eP P, 22 36 05.8 +1.3, MCMT, McKenzie Cann, 80.31 45 eP P, 22 36 05.1 -0.1, SUMG, Summit, 80.57 1 i P P, 22 36 06.5 +0.3, SUMG, Summit, 80.57 1 i P P, 22 36 06.5 +0.3, SUMG, Summit, 80.57 1 i P P, 22 36 06.5 +0.3, SUMG, Summit, 80.57 1 eP P, 22 36 06.9 +0.7, BSC, Santa Cruz Isl, 80.61 57 P P, 22 36 06.6 -0.1, EGMT, Eagleton, 80.61 41 P P, 22 36 06.3 -0.3, EGMT, Eagleton, 80.61 41 eP P, 22 36 06.8 +0.3, CWC, Cottonwood Cre, 80.66 54 P P, 22 36 06.9 -0.2, BOZ, Bozeman (W), 80.67 43 eP P, 22 36 07.6 +0.6, BOZ, Bozeman (W), 80.67 43 eP P, 22 36 07.6 +0.6, BOZ, Bozeman (W), 80.67 43 eP P, 22 36 07.6 +0.6, BOZ, Bozeman (W), 80.67 43 eP P, 22 36 07.6 +0.6, ELK, Elko, 80.68 49 eP P, 22 36 08.1 +0.8, ELK, Elko, 80.68 49 eP P, 22 36 08.1 +0.8, ELK, Elko, 80.68 49 eP P, 22 36 08.1 +0.8, ELK, Elko, 80.68 49 eP P, 22 36 08.1 +0.8, ARVC, Arvin, 80.70 55 P P, 22 36 07.2 0.0, ISA, Isabella, 80.72 55 eP P, 22 36 06.6 -0.7, ISA, Isabella, 80.72 55 P P, 22 36 06.9 -0.5, ISA, Isabella, 80.72 55 eP P, 22 36 06.6 -0.7, ISA, Isabella, 80.72 55 eP P, 22 36 06.6 -0.7, SOC, Sochi, 80.93 314 eP P, 22 36 06.0 -2.2, SOC, Sochi, 80.93 314 eP P, 22 36 06.0 -2.2, SOC, Sochi, 80.93 314 eP P, 22 36 06.0 -2.2, SOC, Sochi, 80.93 314 eP P, 22 36 06.0 -2.2, SNCC, San Nicolas Is, 81.02 57 P P, 22 36 09.0 +0.1, DAC, Darwin (Calif), 81.08 54 eP P, 22 36 09.7 +0.3, DAC, Darwin (Calif), 81.08 54 eP P, 22 36 09.7 +0.3, DAC, Darwin (Calif), 81.08 54 eP P, 22 36 09.7 +0.3, DAC, Darwin (Calif), 81.08 54 eP P, 22 36 09.7 +0.3, FFC, Filin Flon, 81.12 32 eP P, 22 36 09.7 +0.3, FFC, Filin Flon, 81.12 32 eP P, 22 36 09.7 +0.3, FFC, Filin Flon, 81.12 32 eP P, 22 36 09.7 +0.3, FFC, Filin Flon, 81.12 32 eP P, 22 36 09.7 +0.3, QLMT, Earthquake Lak, 81.19 44 eP P, 22 36 10.4 +0.5, MPMC, Manual Propsec, 81.26 54 P P, 22 36 10.1 -0.2, LRM, Laurel Mountai, 81.38 55 P P, 22 36 10.9 0.0, EDW2, Edwards Air Fo, 81.43 55 P P, 22 36 11.4 +0.2, FURC, Furnace Creek, 81.52 53 P P, 22 36 11.7 +0.3, R11A, Troy Canyon, C, 81.56 51 P P, 22 36 12.2 +0.3, R11A, Troy Canyon, C, 81.56 51 eP P, 22 36 11.8 -0.1, YMR, Madison River, 81.56 44 eP P, 22 36 12.7 +0.9, YNR, Norris Junctio, 81.71 44 eP P, 22 36 14.8 +2.1, TPNV, Topopah Spring, 81.74 53 eP P, 22 36 12.9 +0.1, TPNV, Topopah Spring, 81.74 53 eP P, 22 36 13.0 +0.2, TPNV, Topopah Spring, 81.74 53 eP P, 22 36 12.9 +0.1, TPNV, Topopah Spring, 81.74 53 eP P, 22 36 12.9 +0.1, ANN, Anapa, 81.77 316 eP P, 22 36 11.5 -1.1, GCMT, Greycliff, 81.79 43 eP P, 22 36 13.8 +0.9, HVU, Hansel Valley, 81.82 47 eP P, 22 36 13.7 +0.5, HVU, Hansel Valley, 81.82 47 eP P, 22 36 13.7 +0.5, HVU, Hansel Valley, 81.82 47 eP P, 22 36 13.7 +0.5, HVU, Hansel Valley, 81.82 47 eP P, 22 36 13.7 +0.5, H17A, Grant Village, 81.94 44 eP P, 22 36 14.0 +0.1, H17A, Grant Village, 81.94 44 eP P, 22 36 16.1 +2.3, LKWY, Lake, 81.96 44 eP P, 22 36 15.6 +1.6, LKWY, Lake, 81.96 44 eP P, 22 36 15.6 +1.6, LKWY, Lake, 81.96 44 eP P, 22 36 15.6 +1.6, LKWY, Lake, 81.96 44 eP P, 22 36 15.6 +1.6, NACCM, Natchez, 82.01 329 eP P, 22 36 13.0 -0.7, FLWY, Flagg Ranch, 82.02 44 eP P, 22 36 15.7 +1.4, BGU, Big Grassy Moun, 82.07 48 eP P, 22 36 14.8 +0.3, FCC, Fort Churchill, 82.09 26 eP P, 22 36 13.8 -0.2, FCC, Fort Churchill, 82.09 26 eP P, 22 36 13.8 -0.2, FCC, Fort Churchill, 82.09 26 eP P, 22 36 13.8 -0.2, FCC, Fort Churchill, 82.09 26 eP P, 22 36 13.8 -0.2, GSC, Goldstone, 82.10 54 eP P, 22 36 15.1 +0.4, GSC, Goldstone, 82.10 54 eP P, 22 36 15.1 +0.4, GSC, Goldstone, 82.10 54 eP P, 22 36 15.1 +0.4, GSC, Goldstone, 82.10 54 eP P, 22 36 15.1 +0.4, MOOW, Moose Ponds, 82.16 45 eP P, 22 36 15.8 +0.9, SHOC, Shoshone, 82.20 54 P P, 22 36 15.5 +0.4, REDW, Red Top Meadow, 82.28 45 eP P, 22 36 16.7 +1.0, LOHW, Long Hollow, 82.31 45 eP P, 22 36 16.4 +0.6, RLMT, Red Lodge, 82.37 43 P P, 22 36 16.1 0.0, RLMT, Red Lodge, 82.37 43 eP P, 22 36 17.1 +1.0, AHID, Auburn Hatcher, 82.42 46 eP P, 22 36 17.2 +0.8, DUG, Dugway, 82.49 49 eP P, 22 36 17.2 +0.1, DUG, Dugway, 82.49 49 eP P, 22 36 17.2 +0.1, DUG, Dugway, 82.49 49 eP P, 22 36 17.2 +0.1, DUG, Dugway, 82.49 49 eP P, 22 36 17.2 +0.1, MURC, Murrieta, 82.59 56 P P, 22 36 17.0 -0.2, HEC, Hector Ludlow, 82.66 55 P P, 22 36 18.0 +0.4, TUQ, Turquoise Moun, 82.67 54 P P, 22 36 18.0 +0.2, HWUT, Hatcher Ranch, 82.70 47 eP P, 22 36 18.3 +0.4, SHPR, Sheep Range, 82.72 53 eP P, 22 36 18.2 +0.2, CTU, Camp Tracy, 83.03 48 eP P, 22 36 20.2 +0.7, PFO, Pinyon Flat OB, 83.14 56 P P, 22 36 20.0 -0.2, PFO, Pinyon Flat OB, 83.14 56 P P, 22 36 20.0 -0.2, PFO, Pinyon Flat OB, 83.14 56 P P, 22 36 20.0 -0.2, PFO, Pinyon Flat OB, 83.14 56 P P, 22 36 20.0 -0.2

23d 22h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Q31A Ellis, KHC Kasperske Hory, K33A Kasperske Hory, P32A Huiting Farm, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMOK Wichita Mounta, WMOK Wichita Mounta, Y32A R-V Farms, Ver, T35A Sooner Cattle, etc.

1354

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

Table with columns: NEW, FINES, KBZ, HLID, SUMG, DUG, HWUT, PDAR, PV10, PV01, ANMO, TXAR, LPAZ. Includes station names, frequencies, and coordinates.

WEL 23 22:40:1.0, 2.2, 37.815/77.30E, h70km, 2km, ML3.6/5, 6C-11D, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0, Off east coast of North Island

Main table for WEL station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like White Island, WAZ, HAZ, etc.

ISCJB 23 22:47:07.7, 1.2, 27.3N, 0.1, 143.4E, 0.1, h10km, mb3.6/4, Error ellipse: s-maj=17.1km s-min=14.3km az=147.7

Table for ISCJB station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JCJ, MJAR, WRA, etc.

ISCJB 23 22:50:20.8, 0.6, 39.09N, 0.03, 35.94E, 0.03, h0km, 2km, Error ellipse: s-maj=4.5km s-min=3.9km az=33.5

Main table for ISCJB station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BNN, CUSAR, etc.

Table for AKCD Kacadang with columns: AKCD, Station Name, Az, Phase ID, Time, Res. Lists stations like CBIJ, JCJ, etc.

ISC 23 22:50:47.3, 1.2, 26.79N, 143.355E, h0km, mb3.6/9, m1 3.9/12, mb1 1mx3.7/41, mbmp3.8/12, ML3.6/3, MS3.2/2, Ms1 3.2/2, ms1mx2.5/44, Error ellipse: s-maj=31.4km s-min=19.0km az=76.0

Main table for ISC station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JHH, JHU, etc.

ISK 23 23:07:28.2, 39.18N, 140.41E, h10km, MD2.6, Error ellipse: s-maj=11.2km s-min=4.5km az=3.7

Main table for ISK station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BINT, BING, etc.

ISCJB 23 23:08:25.0, 2.0, 9.26N, 0.1, 144.4E, 0.1, h10km, mb3.5/7, Error ellipse: s-maj=20.1km s-min=12.2km az=21.4

Main table for ISCJB station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JCJ, MJAR, etc.

ISCJB 23 23:24:1.0, 3.0, 9.82S, 0.05, 124.35E, 0.04, h35km, mb4.3/17, MS2.9/1, Error ellipse: s-maj=8.1km s-min=4.7km az=40.1

Main table for ISCJB station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SOEI, SOEI, etc.

Main table for 23d 23h station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BSSI, BKSI, KAPI, etc.

ISC 23 23:24:11.2, 2.1, 4.1075N, 159.30E, h0km, mb3.7/6, mb1 3.8/7, mb1mx3.5/49, mbmp3.7/17, ML4.1/1, Error ellipse: s-maj=43.4km s-min=29.2km az=52.0

Main table for ISC station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CMAR, CHTO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like H1N1, KSR5, KSR9, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like M02C, K05A, N02D, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GTA, PMZ, LN, etc.

24d 0h

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like D26A Manning, C27A Saylor Ranch, TUQ Turquoise Moun, etc.

2010 DEC

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like E29A Napoleon, I26A New Underwood, A32A Rockin' H Ranc, etc.

1360

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like Q24A Divide, K29A Lazy Trails An, W18A Petrified Fore, etc.

1361

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like K33A Hardington, J34A George, O30A NW Ranch, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like AAK Ala-Archa, L38A Oak Wood Farm, SC1A State Center, etc.

24d 0h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like T35A Sooner Cattle, Q38A Cooks Store, Y31A Rekieta Farm, etc.

24d Oh

Table with columns: ID, Name, Time, Frequency, Power, etc. Includes entries like 530A J-C Ranch, 332A Millersview, 233A Rising Star, etc.

2010 DEC

Table with columns: WVT, Waverly, Time, Frequency, Power, etc. Includes entries like 68.12 59 eP, 68.12 59 pmax, 68.12 59 eP, etc.

1362

Table with columns: DPC, Dobruska-Polom, Time, Frequency, Power, etc. Includes entries like 74.96 344 fP, 74.96 344 ePP, 74.96 344 pP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TLCR, DRGR, DOPR, IDWV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like RAYN, TORD, BDFB, TORDI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TXAR, DAVOX, SBA, etc.

ISCJB 24 00:46:13.1:0.9, 39.14N:0.04:29.39E:0.07, h9km, Error ellipse: s-maj=7.7km s-min=5.7km az=1.4 DDA 24 00:46:13.6:0.9, 39.12N:29.34E, h7km, Mtd 6 ISC 24 00:46:12.9:1.2, 39.13N:0.05:29.35E:0.07, h9km, n4, c05f0/8, Turkey

ISCJB 24 00:49:55.8:0.4, 27.06N:143.38E:0.05, h10km, mb4.2/29, Error ellipse: s-maj=8.6km s-min=6.6km az=172.4 IDC 24 00:49:56.2:2.5, 27.08N:143.46E, h0km, mb3.9/7, mb1.4/17, mb1mx3.7/54, mbtmp3.9/7, Error ellipse: s-maj=103.7km s-min=20.1km az=76.0

NEIC 24 00:49:57.7:0.2, 27.08N:143.35E, h10km, mb4.3/22, Error ellipse: s-maj=5.7km s-min=5.2km az=159.0 ISC 24 00:49:57.7:0.5, 27.07N:143.37E:0.07, h10km, n35, c05f7/35, mb4.3/29, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CBJ, YSS, YHNB, etc.

CSEM 24 00:50:07.8, 46:32N:7.44E, h2km, MLO.5/1, After ZUR 24 00:50:07.8, 46:32N:7.44E, h2km, 3km, MLO.5/1, Switzerland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SENIN, ELK, ISA, etc.

IDC 24 00:57:08.7:1.2, 26:30N:141.77E, h0km, mb3.3/3, mb1.3/5, mb1mx3.2/55, mbtmp3.3/3, Error ellipse: s-maj=49.9km s-min=17.1km az=109.0, Bonin Islands region

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

1365

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

2010 DEC

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

24d 2h

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZA Kyzart, TKM2 Tokmak 2, UCH Uchtor, AAK Ala-Archa, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, GNL Ganaly, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 24 02:40:41.9,2.7,26.33N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSC 24 02:58:02.7,0.5,3.23N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUJ 24 02:58:38.7,0.6,69N, etc.

24d 3h

2010 DEC

1368

s-maj=1.3km s-min=0.7km az=12.0

ISC 24 02:58:51.6,0.4,1.43N,0.05E,127.27E,0.05,h150km,n118,

e130/125,mb4.3/41.1C,Halmahera

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

190nm,5.0s

USRK Ussuriysk Arr. 42.79 5 P

5.4nm,0.8s,baz=196,slow=6.8,SNR=7.4

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

5.6nm,0.7s

ARU Arti 65.33 322 eP

3.0nm,0.5s

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

ICD 24 03:11:39.0,0.7,2.28N,84.79W,h0km,mb3.9/10, Error ellipse: s-maj=12.3km s-min=7.6km az=57.0

NEIC 24 03:11:45.5,1.1,2.35N,84.62W,h46km,11km,mb4.3/13, Error ellipse: s-maj=12.3km s-min=7.6km az=57.0

ISC 24 01:14:32.0,0.5,2.42N,107.845W,0.09,h26km,n50, e136/37,mb4.2/24,MS3,8/17,Off coast of central America

NIED 24 03:06:00,27.20N,143.60E,h26km,Mw3.8 Best double couple: M5.27000,1014 NP1=65.00000,858.00000, 1.150.00000, NP2=171.00000,865.00000,1.35.00000, 1.150.00000

ICD 24 03:06:32.0,1.4,26.78N,143.90E,h0km,mb4.07, mb1.4/1.0,mb1mx3.8/42,mbtmp4.0/10,ML3.8/3, Error ellipse: s-maj=42.6km s-min=18.3km az=75.0

NEIC 24 03:06:35.0,0.4,26.78N,143.86E,h10km,mb4.4/11, Error ellipse: s-maj=14.1km s-min=5.9km az=72.0

ISCJB 24 03:06:35.0,0.6,26.97N,143.85E,0.06,h33km, mb4.2/18, Error ellipse: s-maj=8.2km s-min=6.8km az=145.6

JMA 24 03:06:38.9,0.1,27.20N,143.58E,h63km,M4.7

ISC 24 03:06:38.2,0.8,27.20N,143.71E,0.09,h35km,n37, e147/39,mb4.2/18,Northern Islands region

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

ISCJB 24 03:15:38.9,2.1,37.8N,0.1,29.18E,0.09,h11km,gkm, Error ellipse: s-maj=21.3km s-min=7.5km az=154.6

ISK 24 03:15:39.7,37.86N,29.12E,h2km,MD2.7

DDA 24 03:15:39.6,37.83N,29.10E,h7km,MD2.7

CSEM 24 03:15:39.6,0.4,37.78N,29.16E,h12km,MD2.7, Error ellipse: s-maj=9.1km s-min=3.6km az=144.0

ISC 24 03:15:40.0,1.5,37.81N,0.08,29.13E,0.07,h12km,gkm, n12,e034/20,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHL Karahalli, KHAL Karahalli, KULA Kula-Manisa, etc.

ISCJB 24 03:27:25.5:1.1, 27.2N:0.1:143.5E:0.1, h10km, mb3.6/5, Error ellipse: s-maj=16.2km s-min=14.1km az=169.0

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

NIED 24 03:00:27.30N:143.80E, h5km, Mw4.1 Best double couple: Mo:1.61000x:1015 NP1:334.00000, 817.00000, 1-65.00000, NP2:129.00000, 874.00000, 1-97.00000

ISCJB 24 03:00:25.0:2.0, 27.09N:0.06:143.72E:0.04, h10km, mb4.3/39, Error ellipse: s-maj=8.8km s-min=4.6km az=168.5

ISC 24 03:00:06.7:0.2, 27.07N:0.09:143.70E:0.06, h10km, n61, 6576/63, mb4.4/39, 1, Bonin Islands region

Main table for the first section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJI Chichi jima, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, SRU San Rafael, RAYN Ar Rays, etc.

ISCJB 24 03:31:46.2:0.5, 27.01N:0.07:143.76E:0.05, h10km, mb4.1/21, Error ellipse: s-maj=10.1km s-min=6.7km az=176.8

ISC 24 03:31:46.0:0.8, 27.01N:143.79E, h0km, mb3.9/12, mb1.4/114, mb1mx3.9/59, mbtmp3.9/14, ML3.6/2, Error ellipse: s-maj=21.3km s-min=19.4km az=93.0

Main table for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJI Chichi jima, MAJO Matsushiro, KURS Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLMT Red Lodge, DUG Dugway, TORO Torodi Ar. Bea, etc.

JMA 24 03:39:03.7:0.1, 27.39N:143.66E, h23km, 4km, M4.2, IDC 24 03:39:04.3:0.5, 27.16N:143.48E, h0km, mb4.2/21, mb1.4/424, mb1mx4.3/42, mbtmp4.2/24, ML3.9/3, MS3.2/5, Ms1.3/2.5, ms1mx2.8/49, Error ellipse: s-maj=15.3km s-min=14.0km az=74.0

MOS 24 03:39:04.6:1.1, 27.09N:143.45E, h12km, mb4.6/31, Error ellipse: s-maj=14.8km s-min=17.7km az=112.9

NEIC 24 03:39:05.8:0.2, 27.15N:143.44E, h10km, mb4.6/29, Error ellipse: s-maj=5.5km s-min=5.1km az=171.0

ISCJB 24 03:39:08.1:0.3, 27.29N:0.05:143.36E:0.05, h33km, mb4.4/58, MS3.2/2, Error ellipse: s-maj=7.2km s-min=5.5km az=154.6

Main table for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJI Chichi jima, MAJO Matsushiro, MAJO Matsushiro, etc.

24d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like COLA College, ILAR Eielson Array, AAK Ala-Archa, etc.

DDA 24 03:41:38.5, 38°21'N, 156°06'E, h7km, Md2.6
ISC 24 03:41:38.6, 1.7, 38°20'N, 156°07'E, h9km, 18km, n5, n184177, Aegean Sea

2010 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZEY Zmir, URLA Izmir, DGB Zmir, etc.

DDA 24 03:41:38.5, 38°21'N, 156°06'E, h7km, Md2.6
ISC 24 03:41:38.6, 1.7, 38°20'N, 156°07'E, h9km, 18km, n5, n184177, Aegean Sea

1370

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, SML Sawmill, TKM2 Tokm2, etc.

NIED 24 04:06:00.27, 30°N, 143°90'E, h5km, Mw3.9 Best double
MOS 24 04:06:15.6, 1.1, 26°77'N, 144°09'E, h10km, mb4.5/2.1, Error ellipse: s-maj=15.2km s-min=6.9km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 24 04:14:53.2, JCJ Chichijima, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AB31 1.4nm,0.9s,baz=154, IDC 24 04:27:36.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 24 04:39:34.8, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIED 24 04:00:27.4, ISCBJ 24 04:40:43.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 24 04:44:8.0, CBJJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, ULN Ulanbaatar, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJA 24 04:53:16.1, MNSI Mandailing Nat, etc.

24d 5h

Table of station data for the 24d 5h period, including station names, coordinates, and various parameters.

2010 DEC

Table of station data for the 2010 DEC period, including station names, coordinates, and various parameters.

1372

Table of station data for the 1372 period, including station names, coordinates, and various parameters.

Station identification and location information for the 1372 period, including coordinates and names.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Station identification and location information for the 1372 period, including coordinates and names.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Station identification and location information for the 1372 period, including coordinates and names.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

24d 5h

FITZ	baz=64, SNR=6.7 Fitzroy Crossi comp=Z,144nm,1.6s	63.73 283	eP	P	05 59 24.1	-1.6
FITZ	comp=Z,3um,19.0s			LR	LR	
KNRA	Kununurra baz=64, SNR=5.8	64.53 287	P	P	05 59 30.4	-0.5
XMAS	Kiritimati	65.87 11	PFAKE	LR	05 59 50.0	+1.0
CRZF	Crozet Islands comp=Z,9um,21.0s	66.04 209	PFAKE	LR	05 59 50.0	+1.0
MTN	Manton Dam comp=Z,2,227nm,1.7s	66.06 290	eP	P	05 59 40.1	-0.7
MTN				LR	LR	
RABL	Rabaul comp=Z,4um,19.0s	66.14 315	eP	P	05 59 41.3	-0.1
RABL				LR	LR	
TARA	Tarawa comp=Z,6um,19.0s	66.41 338	eP	P	05 59 42.4	-0.6
TARA				LR	LR	
LCO	Las Campanas comp=Z,3um,20.0s	67.30 109	eP	P	05 59 50.0	+1.0
MANU	Manus Island comp=Z,64nm,1.2s	69.73 311	eP	P	06 00 05.4	+1.5
MANU				LR	LR	
SOEI	Soe comp=Z,1um,19.0s	71.75 285	P	P	06 00 19.2	+2.8
SOEI				LR	LR	
SOEI	Soe comp=Z,94nm,1.7s,comp=Z,2um	71.75 285	eP	P	06 00 16.9	+0.5
SOEI				LR	LR	
MMRI	Maumere comp=Z,5um,19.0s	73.63 284	eP	P	06 00 29.0	+1.6
MMRI				LR	LR	
LVC	Limon Verde comp=Z,3um,20.0s	73.68 108	LR	LR	06 25 58.5	
LVC	Limon Verde comp=Z,6um,19.8s,comp=Z,2,222,slow=30	73.68 108	eP	P	06 00 28.6	+0.6
KWAJ	Kwajalein Atol comp=Z,75nm,1.1s	74.64 334	eP	P	06 00 34.1	+0.9
KWAJ				pmax	pmax	
KWAJ	Kwajalein Atol comp=Z,1um,1.9s	74.64 334	eP	P	06 00 34.1	+0.9
CPUP	Villa Florida comp=Z,9.8nm,1.0s,comp=Z,2,228,slow=6.0,SNR=9.4	75.11 119	P	P	06 00 37.0	+1.0
CPUP				LR	LR	
CPUP	Villa Florida comp=Z,3um,21.2s,comp=Z,207,slow=32	75.11 119	eP	P	06 00 35.2	-0.8
CPUP				LR	LR	
NLAI	Namlea comp=Z,1,144nm,1.5s,comp=Z,1,144nm,1.5s	76.39 291	P	P	06 00 43.5	+0.1
SIJI	Sorong comp=Z,37nm,1.0s,comp=Z,118,slow=3.8,SNR=6.8	76.83 296	P	P	06 00 44.7	-1.2
SIJI				LR	LR	
JAGI	Jajag, Banyuwu comp=Z,2um,19.9s,comp=Z,134,slow=35	77.33 277	eP	P	06 00 48.6	-0.1
JAGI				LR	LR	
JAGI	Tristan da Cun comp=Z,2um,22.0s	77.75 160	eP	P	06 00 51.0	+0.2
TRIS				LR	LR	
SANI	Sanana comp=Z,65nm,1.8s,comp=Z,2,260nm,1.8s,comp=Z,1um	77.93 290	P	P	06 00 52.1	+0.1
KAPI	Kappang comp=Z,135nm,1.8s	77.94 283	eP	P	06 00 52.1	0.0
KAPI				LR	LR	
ARE	Arequipa comp=Z,3um,19.0s	78.00 103	eP	P	06 00 54.0	+1.2
ARE				LR	LR	
LBMI	Labuña comp=Z,216nm,2.0s,comp=Z,216nm,2.0s,comp=Z,4um	78.00 103	eP	P	06 00 54.0	+1.2
LBMI				LR	LR	
SPSI	Sidrap Palu comp=Z,41nm,2.2s,comp=Z,294nm,2.2s,comp=Z,2um	78.87 284	P	P	06 00 56.7	-0.5
UGM	Wanagama comp=Z,2um	79.44 274	PFAKE	LR	06 01 10.0	+1.0
UGM				LR	LR	
NGJI	Ngawi comp=Z,4um,20.0s	79.51 275	P	P	06 01 04.1	+3.4
NGJI				LR	LR	
NNA	Nana comp=Z,2um,20.3s,comp=Z,293,slow=30	79.60 96	LR	LR	06 28 29.7	
NNA				LR	LR	
NNA	Nana comp=Z,36nm,1.1s	79.60 96	eP	P	06 01 02.1	+0.7
NNA				LR	LR	
LPAZ	La Paz comp=Z,36nm,1.1s	79.62 105	P	P	06 01 01.8	-0.4
LPAZ				LR	LR	
LPAZ	La Paz comp=Z,11nm,1.0s,comp=Z,191,slow=3.8,SNR=22	79.62 105	P	P	06 01 01.7	-0.4
LPAZ				LR	LR	
LPAZ	La Paz comp=Z,978nm,21.6s,comp=Z,199,slow=29	79.62 105	eP	P	06 01 01.7	-0.4
LPAZ				pmax	pmax	
LPAZ	La Paz comp=Z,239nm,2.1s	79.62 105	P	P	06 01 01.5	-0.6
LPAZ				LR	LR	
LPAZ	La Paz comp=Z,2,239nm,1.1s	79.62 105	eP	P	06 01 01.7	-0.4
LPAZ				LR	LR	
TTSI	Tana Toraja comp=Z,41nm,2.1s,comp=Z,41nm,2.1s,comp=Z,932nm	79.67 284	P	P	06 01 05.3	+3.7
JOHN	Johnston Islan comp=Z,932nm	80.06 358	PFAKE	LR	06 01 10.0	+6.5
JOHN				LR	LR	
LUWI	Luwuk comp=Z,11um,20.0s	80.20 288	P	P	06 01 09.0	+4.5
LUWI				LR	LR	
LDVI	Luwuk comp=Z,85nm,2.2s,comp=Z,85nm,2.2s,comp=Z,3um	80.20 288	eP	P	06 01 04.9	+0.4
LUWI				LR	LR	
SMRI	Samarang comp=Z,2um,19.0s	80.25 274	PFAKE	LR	06 01 20.0	+1.5
SMRI				LR	LR	
APSI	Ampana comp=Z,4um,21.0s	80.80 287	P	P	06 01 11.0	+3.3
APSI				LR	LR	
CISI	Cisompét, Garu comp=Z,88nm,2.1s,comp=Z,88nm,2.1s,comp=Z,2um	80.97 271	PFAKE	LR	06 01 20.0	+1.1
CISI				LR	LR	
KBKI	Kotabaru comp=Z,2um,21.0s	81.04 281	P	P	06 01 12.5	+3.5
KBKI				LR	LR	
SPB	Sao Paulo comp=Z,45nm,2.4s,comp=Z,45nm,2.4s,comp=Z,8um	81.31 126	PFAKE	LR	06 01 20.0	+1.0
SPB				LR	LR	
BBKI	Banjar Baru comp=Z,2um,20.0s	81.48 279	P	P	06 01 16.6	+5.3
BBKI				LR	LR	
GTOI	Gorontalo comp=Z,9nm,1.0s,comp=Z,10um	81.61 289	P	P	06 01 16.3	+4.3
GTOI				LR	LR	
CGJI	Cibinong comp=Z,40nm,1.6s,comp=Z,744nm	82.76 270	P	P	06 01 25.7	+7.7
CGJI				LR	LR	
ATAH	Atahualpa comp=Z,1um,19.8s,comp=Z,210,slow=32	82.88 112	LR	LR	06 33 10.7	
ATAH				LR	LR	
UWE	Uwekahuna comp=Z,3um,18.1s,comp=Z,216,slow=30	83.21 92	LR	LR	06 01 30.0	+9.5
UWE				LR	LR	
POHA	Pohakuloa comp=Z,8um,19.0s	83.57 11	PFAKE	LR	06 01 30.0	+7.7
POHA				LR	LR	
PAYG	Puerto Ayora comp=Z,7um,20.0s	83.66 79	PFAKE	LR	06 01 30.0	+7.3
PAYG				LR	LR	
HPAH	Hawaii Prepara comp=Z,8um,22.0s	83.83 11	PFAKE	LR	06 01 30.0	+6.6
HPAH				LR	LR	
SUR	Sutherland comp=Z,6um,18.0s	84.15 187	PFAKE	LR	06 01 40.0	+1.5
SUR				LR	LR	
HLK	Haleakala comp=Z,15um,19.0s	84.50 10	PFAKE	LR	06 01 40.0	+1.3
HLK				LR	LR	
KIP	Kipapa comp=Z,7um,21.0s	85.03 9	eP	P	06 01 30.8	+1.5
KIP				pmax	pmax	
GUMO	Guam comp=Z,171nm,1.2s	85.20 314	LR	LR	06 39 38.0	
GUMO				LR	LR	
KEKH	Kekaha comp=Z,1um,18.1s,comp=Z,153,slow=36	85.48 7	PFAKE	LR	06 01 40.0	+8.5

2010 DEC

KEKH	comp=Z,9um,19.0s	LR	LR			
DAV	Davao City (W) comp=Z,405nm,21.4s,comp=Z,139,slow=35	86.34 294	LR	LR	06 39 07.6	
BOSA	Boshoi comp=Z,8.8nm,1.1s,comp=Z,133,slow=2.5,SNR=4.7	87.58 191	P	P	06 01 40.3	-2.0
BOSA				LR	LR	
BOSA	Boshoi comp=Z,9um,18.3s,comp=Z,174,slow=34	87.58 191	eP	P	06 01 42.6	+0.3
BOSA				pmax	pmax	
BOSA	Boshoi comp=Z,67nm,1.4s	87.58 191	eP	P	06 01 42.6	+0.3
BOSA				LR	LR	
KSM	Kusung comp=Z,67nm,1.4s	87.58 191	eP	P	06 01 44.0	+0.4
SBU	Sibu comp=Z,48nm,1.2s	87.91 280	eP	P	06 01 44.2	+0.5
SBU				LR	LR	
SAM	Samuel comp=Z,1um,22.0s	88.29 107	eP	P	06 01 46.5	+0.9
SAM				LR	LR	
SAM	Samuel comp=Z,1,19nm,1.1s	88.29 107	eP	P	06 01 46.5	+0.9
SAM				LR	LR	
BDFB	Brasilia comp=Z,400nm,20.0s	88.38 123	P	P	06 01 46.8	+0.5
BDFB				LR	LR	
BDFB	Brasilia comp=Z,1,11nm,1.0s,comp=Z,76,slow=1.3,SNR=6.5	88.38 123	P	P	06 01 46.7	+0.5
BDFB				LR	LR	
BDFB	Brasilia comp=Z,5um,18.1s,comp=Z,228,slow=34	88.38 123	eP	P	06 01 46.7	+0.5
BDFB				pmax	pmax	
BDFB	Brasilia comp=Z,27nm,1.2s	88.38 123	eP	P	06 01 46.7	+0.5
RER	Riviere de l'E comp=Z,27nm,1.2s	89.08 220	eP	P	06 01 50.7	+1.3
KKM	Kota Kinabalu comp=Z,489nm,2.0s	89.37 285	eP	P	06 01 49.8	-0.9
MRIV	Mauritius Meteo comp=Z,232nm,2.1s	89.38 221	eP	P	06 01 52.0	+1.2
BKNI	Bangkinang comp=Z,1um,22.0s	91.00 269	PFAKE	LR	06 02 10.0	+1.2
MYKOM	Kota Tinggi comp=Z,1um,22.0s	91.04 272	eP	P	06 01 59.5	+1.1
MYKOM				LR	LR	
LBTB	Lobatse comp=Z,3um,22.0s	91.12 192	eP	P	06 01 59.2	+0.3
LBTB				pmax	pmax	
LBTB	Lobatse comp=Z,95nm,1.8s	91.12 192	eP	P	06 01 59.2	+0.3
LBTB				LR	LR	
MNSI	Mandalling Nat comp=Z,95nm,1.8s	92.07 268	P	P	06 02 07.9	+4.7
H06S1	SOCORRO T comp=Z,23nm,0.9s	92.52 52	T	T	07 45 17.9	
H06E1	SOCORRO T-PHASE comp=Z,23nm,0.9s	92.52 52	T	T	06 02 09.4	0.0
ABPO	Ambohpanom comp=Z,156nm,2.8s	93.37 213	eP	P	06 02 09.4	0.0
ABPO				pmax	pmax	
ABPO	Ambohpanom comp=Z,4um,18.0s	93.37 213	eP	P	06 02 09.4	0.0
ABPO				MLR	MLR	
ABPO	Ambohpanom comp=Z,156nm,2.8s	93.37 213	eP	P	06 02 09.4	0.0
ABPO				LR	LR	
GSI	Gunungsitoli comp=Z,4um,18.0s	93.42 266	P	P	06 02 18.1	+8.7
GSI				LR	LR	
GSI	Gunungsitoli comp=Z,95nm,1.3s	93.42 266	eP	P	06 02 10.3	+0.9
OPO	Ambohdiatrompo comp=Z,3um,20.1s,comp=Z,166,slow=33	93.81 213	LR	LR	06 40 41.9	
PSI	Prapat comp=Z,3um,21.4s,slow=32	94.14 268	eP	P	06 38 23.8	
PSI				LR	LR	
PSI	Prapat comp=Z,1um,21.4s,slow=32	94.14 268	eP	P	06 02 13.2	+0.3
PSI				pmax	pmax	
PSI	Prapat comp=Z,40nm,1.9s	94.14 268	eP	P	06 02 13.2	+0.3
PSI				LR	LR	
IPM	lph comp=Z,40nm,1.9s	94.69 271	PFAKE	LR	06 02 30.0	+1.5
IPM				LR	LR	
MATP	Matop comp=Z,1um,20.0s	95.36 195	LR	LR	06 43 34.9	
KULM	Kulim comp=Z,5um,19.2s,slow=34	95.58 271	eP	P	06 02 19.4	+0.1
KULM				LR	LR	
ROSC	El Rosal comp=Z,2um,21.0s	95.67 91	LR	LR	06 38 21.2	
JTS	JuntasAbangare comp=Z,671nm,19.0s,comp=Z,203,slow=31	95.78 79	PFAKE	LR	06 02 30.0	+1.0
DGAR	Diego Garcia comp=Z,					

NLU	comp=Z,4um,18.0s	LR	LR		
KMI	comp=Z,4um,18.0s	112.14	282	PKP	PKIKP 06 07 30.4 +1.0
KMI				PKP	06 07 35.8
KMI				PKS	06 08 20.6 +6.4
KMI				SKSdf	06 11 03.8 -2.6
KMI				SKS	06 14 37.0 -4.5
KMI				SKKSdf	06 15 54.1 +38
KMI	comp=Z,170nm,4.7s			PPMZ	
KMI	comp=Z,960nm,18.9s			LN	
KMI	comp=Z,880nm,18.1s			LZ	
KMI	comp=Z,1um,20.2s			LZ	
K05A	Summer Lake	112.18	35	PFAKE	LR 06 07 40.0
K05A	Great Sand Dun	112.21	49	PFAKE	LR 06 07 40.0
SDCO	Maple Canyon	112.29	43	PFAKE	LR 06 07 40.0
SDCO	Maple Canyon	112.29	43	PFAKE	LR 06 07 40.0
MPU	Maple Canyon	112.29	43	PFAKE	LR 06 07 40.0
MPU	Preston Nutter	112.37	45	PFAKE	LR 06 07 40.0
P18A	Preston Nutter	112.37	45	PFAKE	LR 06 07 40.0
P18A	St. Maarten	112.37	94	PFAKE	LR 06 07 40.0
SMRT	St. Maarten	112.37	94	PFAKE	LR 06 07 40.0
SMRT	Wild Horse Val	112.50	37	PFAKE	LR 06 07 40.0
WVOR	Wild Horse Val	112.50	37	PFAKE	LR 06 07 40.0
WVOR	Big Grassy Mou	112.70	42	PFAKE	LR 06 07 40.0
BGU	Big Grassy Mou	112.70	42	PFAKE	LR 06 07 40.0
BGU	Vicksburg	112.85	64	PFAKE	LR 06 07 40.0
VBMS	Vicksburg	112.85	64	PFAKE	LR 06 07 40.0
VBMS	Kilima Mbogo	112.91	207	PFAKE	LR 06 07 40.0
KMBO	Kilima Mbogo	112.91	207	PFAKE	LR 06 07 40.0
KMBO	Snowmass	113.01	47	PFAKE	LR 06 07 40.0
SMCO	Snowmass	113.01	47	PFAKE	LR 06 07 40.0
SMCO	Disney	113.03	73	PFAKE	LR 06 07 40.0
DWPF	Disney	113.03	73	PFAKE	LR 06 07 40.0
DWPF	Guthrie	113.33	56	PFAKE	LR 06 07 40.0
V34A	Guthrie	113.33	56	PFAKE	LR 06 07 40.0
V34A	Circle Bar Ran	113.41	37	PFAKE	LR 06 07 40.0
J08A	Circle Bar Ran	113.41	37	PFAKE	LR 06 07 40.0
J08A	Divide	113.42	49	PFAKE	LR 06 07 40.0
Q24A	Divide	113.42	49	PFAKE	LR 06 07 40.0
Q24A	White River Ci	113.47	46	PFAKE	LR 06 07 40.0
O20A	White River Ci	113.47	46	PFAKE	LR 06 07 40.0
O20A	Hansel Valley	113.56	42	PFAKE	LR 06 07 40.0
HVU	Hansel Valley	113.56	42	PFAKE	LR 06 07 40.0
HVU	Detroit Lake	113.69	34	PFAKE	LR 06 07 40.0
H04A	Detroit Lake	113.69	34	PFAKE	LR 06 07 40.0
H04A	Hardware Ranch	113.77	43	PFAKE	LR 06 07 40.0
HWUT	Hardware Ranch	113.77	43	PFAKE	LR 06 07 40.0
HWUT	Idaho Springs	114.02	48	PFAKE	LR 06 07 40.0 +7.3
ISCO	Idaho Springs	114.02	48	PFAKE	LR 06 07 40.0 +7.3
ISCO	Tulsa	114.05	58	PFAKE	LR 06 07 40.0 +7.6
TUL1	Tulsa	114.05	58	PFAKE	LR 06 07 40.0 +7.6
TUL1	Camas Ranch	114.19	39	PFAKE	LR 06 07 40.0 +7.4
MFID	Camas Ranch	114.19	39	PFAKE	LR 06 07 40.0 +7.4
MFID	Kaye Shedlock	114.33	51	PFAKE	LR 06 07 40.0 +6.9
KSCO	Kaye Shedlock	114.33	51	PFAKE	LR 06 07 40.0 +6.9
KSCO	Asahikawa	114.42	323	PFAKE	LR 06 07 40.0 +7.1
ASAJ	Asahikawa	114.42	323	PFAKE	LR 06 07 40.0 +7.1
ASAJ	Mbarara	114.58	200	PFAKE	LR 06 07 50.0 +16
MBAR	Mbarara	114.58	200	PFAKE	LR 06 07 50.0 +16
MBAR	Hailey	114.72	40	PFAKE	LR 06 07 50.0 +16
HLID	Hailey	114.72	40	PFAKE	LR 06 07 50.0 +16
HLID	Triton	115.01	70	PFAKE	LR 06 07 50.0 +16
TIGA	Triton	115.01	70	PFAKE	LR 06 07 50.0 +16
TIGA	Pilot Rock	115.08	36	PFAKE	LR 06 07 50.0 +16
G08A	Pilot Rock	115.08	36	PFAKE	LR 06 07 50.0 +16
G08A	Cedar Bluff	115.17	53	PFAKE	LR 06 07 50.0 +15
CBKS	Cedar Bluff	115.17	53	PFAKE	LR 06 07 50.0 +15
CBKS	Boulder Array	115.44	44	PFAKE	LR 06 07 50.0 +15
BW06	Boulder Array	115.44	44	PFAKE	LR 06 07 50.0 +15
BW06	Atka Island	115.56	355	PFAKE	LR 06 07 50.0 +15
ATKA	Atka Island	115.56	355	PFAKE	LR 06 07 50.0 +15
ATKA	Red Top Meadow	115.58	42	PFAKE	LR 06 07 50.0 +15
REDW	Red Top Meadow	115.58	42	PFAKE	LR 06 07 50.0 +15
REDW	Long Hollow	115.89	42	PFAKE	LR 06 07 50.0 +14
LOHW	Long Hollow	115.89	42	PFAKE	LR 06 07 50.0 +14
LOHW	Nikolski High	116.21	359	PFAKE	LR 06 07 50.0 +14
NIKH	Nikolski High	116.21	359	PFAKE	LR 06 07 50.0 +14
NIKH	Flagg Ranch	116.28	42	PFAKE	LR 06 07 50.0 +13
FLWY	Flagg Ranch	116.28	42	PFAKE	LR 06 07 50.0 +13
FLWY	Casper	116.29	46	PFAKE	LR 06 07 50.0 +13
K22A	Casper	116.29	46	PFAKE	LR 06 07 50.0 +13
K22A	Kansas State U	116.55	55	PFAKE	LR 06 07 50.0 +13
KSU1	Kansas State U	116.55	55	PFAKE	LR 06 07 50.0 +13
KSU1	Chengdu	116.71	286	ePKP SKKS PPMZ	06 07 39.5 +1.7 06 15 45.0
CD2	Chengdu	116.71	286	ePKP SKKS PPMZ	06 07 39.5 +1.7 06 15 45.0
CD2	comp=Z,230nm,6.2s			LN	
CD2	comp=Z,990nm,16.0s			LZ	
CD2	comp=Z,960nm,17.8s			LZ	
YMR	Madison River	116.74	42	PFAKE	LR 06 07 50.0 +12
YMR	Shemya	116.86	347	PFAKE	LR 06 07 50.0 +13
SMY	Shemya	116.86	347	PFAKE	LR 06 07 50.0 +13
SMY	Norris Junctio	116.87	42	PFAKE	LR 06 07 50.0 +12
YNR	Norris Junctio	116.87	42	PFAKE	LR 06 07 50.0 +12
YNR	Poplar Bluff	116.87	61	PFAKE	LR 06 07 50.0 +12
PBMO	Poplar Bluff	116.87	61	PFAKE	LR 06 07 50.0 +12
PBMO	Dillon	116.89	40	PFAKE	LR 06 07 50.0 +12
DLMT	Dillon	116.89	40	PFAKE	LR 06 07 50.0 +12
DLMT	Unalaska Valle	117.08	1	PFAKE	LR 06 07 50.0 +12
UNV	Unalaska Valle	117.08	1	PFAKE	LR 06 07 50.0 +12
UNV	comp=Z,8um,20.0s			PFAKE	LR 06 07 50.0 +11
SWET	Sewanee	117.31	66	PFAKE	LR 06 07 50.0 +11
SWET	Waverly	117.34	64	PFAKE	LR 06 07 50.0 +11
WWT	Waverly	117.34	64	PFAKE	LR 06 07 50.0 +11
WWT	Akutan	117.38	1	PFAKE	LR 06 07 50.0 +12
AKUT	Akutan	117.38	1	PFAKE	LR 06 07 50.0 +12
AKUT	Bozeman (W)	117.43	41	PFAKE	LR 06 07 50.0 +11
BOZ	Bozeman (W)	117.43	41	PFAKE	LR 06 07 50.0 +11
BOZ	Marblemount	117.45	33	PFAKE	LR 06 07 50.0 +11
B06A	Marblemount	117.45	33	PFAKE	LR 06 07 50.0 +11
B06A	comp=Z,2um,20.0s				

C09A	Chrisman Ranch	117.58	35	PFAKE	LR 06 07 50.0 +11
C09A	Red Lodge	117.66	43	PFAKE	LR 06 07 50.0 +11
RLMT	Red Lodge	117.66	43	PFAKE	LR 06 07 50.0 +11
RLMT	Missoula	117.85	39	ePKP PFAKE	LR 06 07 40.1 +0.5
M50	Missoula	117.85	39	ePKP PFAKE	LR 06 07 40.1 +0.5
M50	Belgrade	118.03	53	PFAKE	LR 06 07 50.0 +10
BGNE	Belgrade	118.03	53	PFAKE	LR 06 07 50.0 +10
BGNE	Chamberlain Mo	118.12	39	ePKP PFAKE	LR 06 07 40.1 -0.1
CHMT	Chamberlain Mo	118.12	39	ePKP PFAKE	LR 06 07 40.1 -0.1
FALS	False Pass	118.14	3	PFAKE	LR 06 07 50.0 +10
FALS	Newport	118.31	36	PFAKE	LR 06 07 50.0 +10
NEW	Newport	118.31	36	PFAKE	LR 06 07 50.0 +10
NEW	Black Hills	118.41	47	PFAKE	LR 06 07 50.0 +9.1
RSSD	Black Hills	118.41	47	PFAKE	LR 06 07 50.0 +9.1
RSSD	Jenkinsville	118.44	70	PFAKE	LR 06 07 50.0 +9.0
JSC	Jenkinsville	118.44	70	PFAKE	LR 06 07 50.0 +9.0
JSC	Sand Point	118.71	4	PFAKE	LR 06 07 50.0 +9.3
SDPT	Sand Point	118.71	4	PFAKE	LR 06 07 50.0 +9.3
SDPT	Mudanjiang	118.75	313	PFAKE	LR 06 07 50.0 +8.8
MDJ	Mudanjiang	118.75	313	PFAKE	LR 06 07 50.0 +8.8
MDJ	Kings Mountain	119.15	69	PFAKE	LR 06 07 50.0 +7.7
KMSC	Kings Mountain	119.15	69	PFAKE	LR 06 07 50.0 +7.7
KMSC	Dallas	119.24	51	P	PKP PFAKE 06 07 41.7 -0.6
J30A	Dallas	119.24	51	P	PKP PFAKE 06 07 41.7 -0.6
J30A	Changchun	119.42	310	ePdif ePP PFAKE	06 03 56.8 -7.9 06 09 01.5 -3.5 06 07 50.0 +7.2
CN2	Changchun	119.42	310	ePdif ePP PFAKE	06 03 56.8 -7.9 06 09 01.5 -3.5 06 07 50.0 +7.2
CN2	Baijiatuu	119.49	301	PFAKE	LR 06 07 44.8 +2.0
CN2	Beijing	119.51	301	PKP LN	06 07 44.8 +2.0
BJI	Beijing	119.51	301	PKP LN	06 07 44.8 +2.0
BJI	comp=Z,860nm,22.0s			LE	
BJI	comp=Z,740nm,23.2s			LZ	
BJI	comp=Z,1um,26.5s			T	08 18 47.0
H02S	DAWSON INLET	119.58	23	T	08 18 47.0
H02S	EROS Data Cent	120.13	41	PFAKE	LR 06 08 00.0 +16
EGMT	EROS Data Cent	120.13	41	PFAKE	LR 06 08 00.0 +16
EGMT	Sitkinak Islan	120.23	8	PFAKE	LR 06 08 00.0 +16
SII	Sitkinak Islan	120.23	8	PFAKE	LR 06 08 00.0 +16
SII	Saint Paul Isl	120.44	358	PFAKE	LR 06 08 00.0 +16
SPIA	Saint Paul Isl	120.44	358	PFAKE	LR 06 08 00.0 +16
SPIA	Hopedale	120.58	60	PFAKE	LR 06 08 00.0 +15
HDIL	Hopedale	120.58	60	PFAKE	LR 06 08 00.0 +15
HDIL	EROS Data Cent	120.61	53	P	PKP PFAKE 06 07 43.9 -1.0
ECSD	EROS Data Cent	120.61	53	P	PKP PFAKE 06 07 43.9 -1.0
ECSD	Lenmon	120.63	48	P	PKP PFAKE 06 07 44.2 -0.7
F27A	Lenmon	120.63	48	P	PKP PFAKE 06 07 44.2 -0.7
F27A	Cliffs of the	120.69	72	PFAKE	LR 06 08 00.0 +15
CNCC	Cliffs of the	120.69	72	PFAKE	LR 06 08 00.0 +15
CNCC	Faulton	120.94	50	P	PKP PFAKE 06 07 43.9 -1.6
G30A	Faulton	120.94	50	P	PKP PFAKE 06 07 43.9 -1.6
G30A	Old Harbor	120.95	9	PFAKE	LR 06 08 00.0 +15
OHAK	Old Harbor	120.95	9	PFAKE	LR 06 08 00.0 +15
OHAK	Carlson Farm,	120.99	52	P	PKP PFAKE 06 07 44.2 -1.4
H32A	Carlson Farm,	120.99	52	P	PKP PFAKE 06 07 44.2 -1.4
H32A	Lanzhou	121.11	289	ePKP PPKP SKP SKS	06 07 37.5 -8.8 06 07 40.6 -5.8 06 07 42.3
LZH	Lanzhou	121.11	289	ePKP PPKP SKP SKS	06 07 37.5 -8.8 06 07 40.6 -5.8 06 07 42.3
LZH	Lanzhou	121.11	289	eSS	06 09 12.5 -4.4 06 16 01.5 06 25 41.3 -8.4
LZH	Lanzhou	121.11	289	eSS	06 09 12.5 -4.4 06 16 01.5 06 25 41.3 -8.4
LZH	comp=Z,280nm,6.6s			LR	LR
LZH	comp=N,1um,18.2s			LR	LR
LZH	comp=E,1um,19.8s			LR	

24d 5h

Table with columns for station name, frequency, time, and status. Includes stations like DAWY Dawson, TOC4 Torodi Ar. Sit, TOR3 Torodi Ar. Sit, etc.

2010 DEC

Table with columns for station name, frequency, time, and status. Includes stations like MAKZ Ala-Archa, FRU Bishkek, EKS2 Erkin-Say, etc.

1376

Table with columns for station name, frequency, time, and status. Includes stations like COAL Corum-Alaca, BR231 Keskin MP Arra, ANTO Ankara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRFO Grafenberg, GRF, GPPU GO Pecny, Oindr, PRU Pruhonice, PRA Prague, DPC Dobruska-Polom, UPC Upipe, PVCC Panska Ves, MOX Moxa, KLMR Klimovskoe, CLL Colim, JHHJ Haha-jima-NKT, CBJJ Chichi jima, MAJO Matsushiro Arr, KLR Kul'dur, SONM Songino Array, WRAB Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, ILAR Ilarion Array, BVAR Borovoye Array, KKAR Karatay Array, ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Ar, JTMT Jette, FINES FINESS Array B, FFC Flin Flon, GERES GERES Array B, LPAZ La Paz, SAML Samuel.

ISCJB 24 05:55:39.6, 0.5, 26.61N, 143.87E, h10km, mb4.0/16, Error ellipse: s-maj=10.7km s-min=7.3km az=9.7

IDC 24 05:55:40.1, 0.8, 26.58N, 143.76E, h10km, mb3.9/12, mb1.4/1.3, mb1mx3.9/6.3, mb1mx3.9/13, ML3.9/1, Error ellipse: s-maj=29.8km s-min=16.2km az=86.0

NEIC 24 05:55:41.5, 0.3, 26.59N, 143.79E, h10km, mb4.6/5, Error ellipse: s-maj=10.7km s-min=7.1km az=74.0

JMA 24 05:55:42.8, 1.1, 27.09N, 143.78E, h10km, mb4.5/11, Error ellipse: s-maj=14.6km s-min=14.3km az=48.0

ISC 24 05:55:41.6, 0.7, 26.61N, 143.77E, h10km, n25, o571/27, mb4.0/16, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, MAJO Matsushiro, KLR Kul'dur, SONM Songino Array, WRAB Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, ILAR Ilarion Array, BVAR Borovoye Array, KKAR Karatay Array, ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Ar, JTMT Jette, FINES FINESS Array B, FFC Flin Flon, GERES GERES Array B, LPAZ La Paz, SAML Samuel.

NIED 24 06:06:00.27, 1.0N, 143.80E, h5km, Mw4.3 Best double couple: M2, 71000x1015 NP1, 296, 000000, 344, 000000, 7, 95, 000000, NP2, 124, 000000, 346, 000000, 7, 85, 000000

BUJ 24 06:06:12.7, 26.08N, 144.19E, h40km, mb4.7/13, mb5.0/7, Ms4.8/1, Ms7.4/4/1

MOS 24 06:06:13.8, 0.9, 26.63N, 143.89E, h12km, mb4.8/38, Error ellipse: s-maj=13.4km s-min=6.8km az=112.5

IDC 24 06:06:13.8, 0.5, 26.66N, 143.88E, h10km, mb4.3/27, mb1.4/5/30, mb1mx4.4/4.3, mb1mx3.3/30, ML3.8/3, Error ellipse: s-maj=14.6km s-min=13.9km az=48.0

ISCJB 24 06:06:14.1, 0.3, 26.73N, 143.82E, h10km, mb4.5/55, MS4.4/1, Error ellipse: s-maj=7.5km s-min=4.7km az=5.0

NEIC 24 06:06:15.6, 0.2, 26.68N, 143.84E, h10km, mb4.7/17, MW4.2(NIED), Error ellipse: s-maj=6.2km s-min=5.7km az=46.0

JMA 24 06:06:17.5, 0.1, 27.11N, 143.76E, h22km, Ms5.0

ISC 24 06:06:15.6, 0.5, 26.70N, 143.79E, h10km, n122, o099/124, mb4.6/55, 8C-3D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, MAJO Matsushiro Arr, KLR Kul'dur, SONM Songino Array, WRAB Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, ILAR Ilarion Array, BVAR Borovoye Array, KKAR Karatay Array, ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Ar, JTMT Jette, FINES FINESS Array B, FFC Flin Flon, GERES GERES Array B, LPAZ La Paz, SAML Samuel.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, KSRs Korea Array, KSAR Wonju Array, USRK Ussuriysk Ar, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, KLR Kul'dur, MA2 Magadad, CD2 Chengdu, ULN Ulaanbaatar, ULN Ulaanbaatar, ULN Ulaanbaatar, SONM Songino Array, SONM Songino Array, PMG Port Moresby, YAK Yakutsk, YAK Yakutsk, GTA Gaotai, GTA Gaotai, ZAK Zakamensk, ZAK Zakamensk, TLY Talaya, TLY Talaya, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, BILL Biilino, BILL Biilino, BILL Biilino, HVS Khovu-Aksy, HVS Khovu-Aksy, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Ben, ZALV Zalesovo Ben, ZALV Zalesovo Ben, ZALV Zalesovo Ben, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KDKA Kodiak Island, KDKA Kodiak Island, TRF Thorfare Moun, PMR Palmer, PMR Palmer, PMR Palmer, COLD Coldfoot, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, AAK Ala-Archa, AAK Ala-Archa, PAX Paxson, PAX Paxson, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, KKAR Karatay Array, KKAR Karatay Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKAR Karatay Array, DAWY Dawson, INK Inuvik, INK Inuvik, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ABKAR Akbulak array, GEYT Alikeb, YKA Yellowknife Ar, YKA Yellowknife Ar, RES Resolute Bay, RES Resolute Bay, KLMR Klimovskoe, KLMR Klimovskoe, ARCES ARCES Array A, ARCES ARCES Array B, VRH Novokhopovskoe, VRH Novokhopovskoe, LPSR Galich'ya Gora, LPSR Galich'ya Gora, LPSR Galich'ya Gora, LPSR Galich'ya Gora, VSR Storzhevoye, VSR Storzhevoye, VSR Storzhevoye, VSR Storzhevoye, JTMT Jette, VORD Divnogorie, VORD Divnogorie, VORD Divnogorie, VORD Divnogorie, SLMT Seelye Lake, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, ZEI Tsey, ZEI Tsey, KBZ Khabaz, KBZ Khabaz, NVAR Novaya Beba, ELK Elko, ELK Elko, FFC Flin Flon, RLMT Red Lodge, PDAR Pinedale Array, AKASG Malin Array B, AKASG Malin Array B, KIEV Kiev, KIEV Kiev, NB2 NORARS Subarra, NOA NORARS Array B, NOA NORARS Array B, RAYN Ar Rayn, BRTR Keskin Array B, BRTR Keskin Array B, ANMO Albuquerque, ANMO Albuquerque, GERES GERES Array B, GERES GERES Array B, TXAR Lajitas Array, TORD Torodi Ar, Beza, LPAG Pitanga, LPAZ La Paz, LPAZ La Paz, SAML Samuel, LCO Las Campanas.

IDC 24 06:10:19.9, 1.2, 8.22N, 125.34E, h0km, mb3.9/6, mb1.4/0.6, mb1mx3.7/4.4, mb1mx3.9/6, Error ellipse: s-maj=102.8km s-min=28.3km az=70.0

MAN 24 06:10:29.9, 83N, 126.38E, h4km, mb4.4, ML3.3, MS3.1

ISC 24 06:10:28.6, 2.0, 9.85N, 104.126, 41E, h11km, n12km, n12, o1952/18, mb3.7/5, 2C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCPH Surigao, BUTP Butuan, MSLP Maasin, BIFH Bislig, PLP Palo, PLP Palo, BESP Borongan, BESP Borongan, BUKP Musuan, BUKP Musuan, SONM Songino Array, SONM Songino Array.

Table with columns: MKAR, ARCES, FINES, YKA, ISCBJ, Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC

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

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

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

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

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

Table with columns: VVDA, RPZ, QSPA, URZ, MAW, STKA, HW12, HW13, ASAR, WRA, GUMO, BOS, ILAR, ZALV, BRTR, Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC

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

Table with columns: DMN, TAPN, ODAN, JIRN, GUN, RAMN, KKN, PKI, PKIN, DMN, SHL, SHL, KOLN, Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC

Table with columns: ISCBJ, TAPN, ODAN, JIRN, GUN, RAMN, KKN, PKI, PKIN, DMN, SHL, SHL, KOLN, Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC

Table with columns: KSAR, SSLS, KLR, ULN, SOLN, TLY, CMAR, WRA, WRAB, FITZ, PSI, ZALV, MKAR, KURK, KURB, TKM2, ILAR, KKAR, INK, ABKAR, OBN, FINES, KBZ, NVAR, AKAS, AKASG, NOA, RAYN, LPAZ, SAML, Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC

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

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

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

FINES FINES Array B 78.86 334 P P 07 11 02.0 -0.1
KABZ Khabaz 79.19 314 P P 07 11 05.1 +0.9
LPAZ La Paz 148.82 77 PKPbc PKPbc 07 18 48.3 0.0

KRNET 24 07:03:19.4:0.1, 41.71N:73.06E, h16km, mb3.3
NIC 24 07:03:22.4:2.9, 41.84N:73.09E, h0km, mb3.7, mpv3.4,
Error ellipse: s-maj=22.8km s-min=7.4km az=13.0

ISC 24 07:03:20.3:1.6, 41.77N:0.06:73.05E:0.03, h2km, n11km,
n30, c071/49, 30C-10L, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, MNAS Manas, ARLS Aral, etc.

ISCJB 24 07:03:33.6:1.2, 26.5N:0.2:143.7E:0.2, h10km, mb3.8/6,
Error ellipse: s-maj=28.8km s-min=14.3km az=35.6

ISC 24 07:03:35.6:1.9, 26.40N:143.26E, h0km, mb3.8/6,
mb1 3.6/6, mb1mx3.5/9, mbtmp3.8/5, Error ellipse:
s-maj=59.0km s-min=28.0km az=69.0

ISC 24 07:03:35.7:1.5, 26.5N:0.2:143.5E:0.2, h10km, n7,
c0957/7, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, KLR Kul'dur, etc.

ISCJB 24 07:07:30.7:0.9, 6:53S:0.07:130.2E:0.2, h146km,
mb3/2, Error ellipse: s-maj=33.5km s-min=9.8km
az=175.1

ISC 24 07:07:31.7:2.7, 6:53S:130.21E, h138km, 31km, mb3.5/2,
mb1 3.4/5, mb1mx3.1/44, mbtmp3.8/5, Error ellipse:
s-maj=56.0km s-min=17.6km az=79.0

ISC 24 07:07:31.2:1.0, 6:52S:0.07:130.4E:0.2, h146km, n6,
c291/8, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, etc.

2010 DEC

WRA WRA S Sn 07 13 09.2 -6.7
ASAR Alice Springs 17.39 169 P Pn 07 11 26.4 +1.3
ASAR 0.2nm, 0.3s, baz=346, slow=10.0, SNR=2.2

ISCJB 24 07:14:59.3:0.9, 27.0N:0.1:143.56E:0.10, h10km,
mb3.7/7, Error ellipse: s-maj=19.9km s-min=12.5km
az=7.4

ISC 24 07:14:59.9:1.1, 27.02N:143.46E, h0km, mb3.8/7,
mb1 4.0/7, mb1mx3.6/49, mbtmp3.8/7, Error ellipse:
s-maj=23.7km s-min=21.2km az=42.0

ISC 24 07:15:01.4:1.1, 27.00N:143.55E:0.11, h10km, n8,
c0572/9, mb3.6/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, SONM Songoing Array, etc.

ISCJB 24 07:18:06.4:0.9, 27.0N:0.1:143.7E:0.1, h10km, mb3.7/8,
Error ellipse: s-maj=17.9km s-min=12.8km az=16.2

ISC 24 07:18:06.0:1.0, 27.09N:143.80E, h0km, mb3.7/8,
mb1 3.9/9, mb1mx3.7/46, mbtmp3.8/9, ML3.7/1, MS3.6/1,
MS1 3.6/1, ms1mx3.6/3, Error ellipse: s-maj=25.9km
s-min=20.6km az=73.0

ISC 24 07:18:07.2:1.0, 27.1N:0.2:143.7E:0.1, h10km, n11,
c169/12, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, KRSR Korea Arr, etc.

ISC 24 07:19:03.7:0.6, 27.01N:143.38E, h0km, mb4.0/17,
mb1 4.2/20, mb1mx4.1/46, mbtmp4.0/20, ML3.5/3, Error
ellipse: s-maj=15.2km s-min=13.6km az=79.0

NEIC 24 07:19:05.3:0.3, 27.01N:143.45E, h10km, mb4.8/11, Error
ellipse: s-maj=7.8km s-min=5.6km az=74.0

ISCJB 24 07:19:06.8:0.4, 27.00N:0.05:143.48E:0.04, h33km,
mb4.3/26, Error ellipse: s-maj=7.4km s-min=5.5km
az=179.2

JMA 24 07:19:07.0:0.1, 27.18N:143.43E, h68km, M4.1
ISC 24 07:19:09.0:0.6, 27.02N:0.07:143.41E:0.07, h35km, n42,
c094/46, mb4.3/26, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, JCJ Chichijima, etc.

ISCJB 24 07:19:07.0:0.1, 27.18N:143.43E, h68km, M4.1
ISC 24 07:19:09.0:0.6, 27.02N:0.07:143.41E:0.07, h35km, n42,
c094/46, mb4.3/26, Bonin Islands region

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

AKASO Malin Array Be 83.32 324 P P 07 31 31.0 -1.1
PDAR Pinedale Array 83.49 45 P P 07 31 34.4 +0.9
CLL Collin 90.64 331 eP P 07 32 09.0 +1.2

IDC 24 07:19:13.9:3.5, 26.60N:143.28E, h0km, mb4.0/6,
mb1 4.1/8, mb1mx3.8/45, mbtmp4.0/8, ML3.4/2, Error
ellipse: s-maj=77.4km s-min=33.1km az=2.0

ISC 24 07:19:16.7:3.0, 26.8N:0.4:143.2E:0.2, h10km, n9,
c043/9, mb4.1/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, KRSR Korea Arr, etc.

ISCJB 24 07:24:52.2:0.7, 48.00N:0.09:153.9E:0.1, h64km,
mb3.5/12, Error ellipse: s-maj=15.6km s-min=7.5km
az=136.9

MOS 24 07:24:53.7:0.9, 48.10N:153.62E, h81km, mb4.5/1, Error
ellipse: s-maj=31.2km s-min=9.9km az=72.1

IDC 24 07:24:56.1:3.7, 48.07N:153.72E, h87km, 33km, mb3.2/12,
mb1 3.4/14, mb1mx3.4/44, mbtmp3.5/14, MS3.1/1,
MS1 3.3/1, ms1mx3.0/24, Error ellipse: s-maj=22.1km
s-min=15.7km az=147.0

SKHL 24 07:24:57.2:0.1, 48.05N:154.79E, h125km, 4km, mb4.5/1,
msh5.22

KRSC 24 07:25:05.3:1.1, 48.70N:155.08E, h162km, 12km, ML4.5
ISC 24 07:24:54.1:0.8, 48.11N:0.1:153.95E:0.10, h64km, n35,
c186/33, mb3.5/12, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, RUS Russkaya, etc.

ISC 24 07:27:00.0:0.1, 27.18N:143.43E, h68km, M4.1
ISC 24 07:19:09.0:0.6, 27.02N:0.07:143.41E:0.07, h35km, n42,
c094/46, mb4.3/26, Bonin Islands region

ISC 24 07:19:03.7:0.6, 27.01N:143.38E, h0km, mb4.0/17,
mb1 4.2/20, mb1mx4.1/46, mbtmp4.0/20, ML3.5/3, Error
ellipse: s-maj=15.2km s-min=13.6km az=79.0

NEIC 24 07:19:05.3:0.3, 27.01N:143.45E, h10km, mb4.8/11, Error
ellipse: s-maj=7.8km s-min=5.6km az=74.0

ISCJB 24 07:19:06.8:0.4, 27.00N:0.05:143.48E:0.04, h33km,
mb4.3/26, Error ellipse: s-maj=7.4km s-min=5.5km
az=179.2

JMA 24 07:19:07.0:0.1, 27.18N:143.43E, h68km, M4.1
ISC 24 07:19:09.0:0.6, 27.02N:0.07:143.41E:0.07, h35km, n42,
c094/46, mb4.3/26, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

SKHL 24 07:27:52.0±0.9, 55°49N×123°93E, h5km, mb3.6/5, Southeastern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Chul'man, Kirovskiy, Tupik, Zeya, Bomnak, Chara, Kimchan, etc.

ISCJB 24 07:32:28.9±0.9, 26°9N±0.1, 143°4E±0.1, h10km, mb3.7/8, Error ellipse: s-maj=17.7km s-min=12.9km az=39.2

ISC 24 07:32:29.4±1.3, 26°85N±143°33E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/5.1, mbtmp3.7/9, ML3.6/1, Error ellipse: s-maj=44.8km s-min=19.9km az=74.0

ISC 24 07:32:31.0±1.1, 26°8N±0.1, 143°3E±0.1, h10km, n11, ±057°11, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Chichijima, Mjara, Sonm, Cmar, Wra, Zalv, Asar, Bkar, Mvkr, Bvovoye, Fines, Lpaz, etc.

ISCJB 24 07:35:10.2±1.0, 27°1N±0.1, 143°4E±0.1, h10km, mb3.8/7, Error ellipse: s-maj=18.8km s-min=13.6km az=0.3

ISC 24 07:35:10.3±1.5, 27°17N±143°47E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/4.7, mbtmp3.7/7, Error ellipse: s-maj=42.8km s-min=22.4km az=76.0

ISC 24 07:35:12.2±1.2, 27°2N±0.2, 143°4E±0.1, h10km, n8, ±085°9, mb3.9/7, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Chichijima, Sonm, Wra, Zalv, Mkar, Bvovoye, Fines, etc.

ISCJB 24 07:44:37.6±0.4, 38°69N±0.2, 23°42E±0.03, h10km±4km, Error ellipse: s-maj=3.9km s-min=3.5km az=164.7

THE 24 07:44:37.9, 38°68N±23°41E, h6km±3km, ML1.8/7, Error ellipse: s-maj=3.3km s-min=3.0km az=97.0

CSEM 24 07:44:37.6±0.1, 38°68N±23°41E, h10km, MD2.5, Error ellipse: s-maj=2.2km s-min=1.9km az=90.0

ATH 24 07:44:38.2, 38°70N±23°42E, h5km, MD2.5/7, Error ellipse: s-maj=2.2km s-min=1.9km az=90.0

ISC 24 07:44:37.7±0.9, 38°69N±0.2, 23°41E±0.02, h10km±7km, n34, ±0543°63, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Markates, Simia, Atalanti, Lokris, Skiathos, etc.

Table with columns: EREA, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Eretria, Platees, Villia, Alonnisos, Neokhori, etc.

IDC 24 07:51:43.7±1.7, 37°9S±142°78E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.2/4.4, mbtmp3.2/3, ML3.4/2, Error ellipse: s-maj=44.5km s-min=28.6km az=103.0, Near coast of New Guinea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Jayapura, Waramunga Arr, Alice Springs, Eielson Array, etc.

ISCJB 24 07:53:42.8±0.5, 9°41S±0.08, 71°37W±0.09, h602km, mb3.5/1, Error ellipse: s-maj=13.7km s-min=8.9km az=143.7

IDC 24 07:53:42.7±0.9, 9°36S±71°31W, h583km, 10km, mb3.1/1, mb1 3.3/1.8, mb1mx3.2/3.4, mbtmp4.1/1.8, Error ellipse: s-maj=18.3km s-min=10.6km az=55.0

ISC 24 07:53:43.7±0.5, 9°40S±0.08, 71°32W±0.10, h602km, n24, ±107°31, mb3.4/1, Peru-Brazil border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Nana, Atahualpa, Lpaz, Siv, Lvc, Ptga, Rosc, Bdfb, Pclca, Txar, Pdar, Nvar, Tord, Yka, Gspa, Ink, Ilar, Stka, Zalv, Asar, etc.

MEX 24 07:53:58.8±0.4, 15°00N±93°67W, h15km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like PCIG, CCIG, Comitán, etc.

IDC 24 07:54:51.8±3.7, 36°20N±71°33E, h53km±30km, mb3.5/9, mb1 3.7/15, mb1mx3.5/6.1, mbtmp3.8/15, ML3.8/5, Error ellipse: s-maj=27.5km s-min=20.3km az=162.0

MOS 24 07:55:04.8±1.1, 37°16N±71°28E, h127km, mb4.1/5, Error ellipse: s-maj=21.2km s-min=7.8km az=85.8

NINC 24 07:55:08.4±8.3, 37°38N±71°92E, h260km±124km, mb2.8, mpv4.0, Error ellipse: s-maj=93.9km s-min=66.4km az=10.0

ISC 24 07:55:01.6±1.3, 36°74N±0°09, 71°1E±0.1, h150km, n61, ±195°40, mb3.7/10, 9C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Almayashu, MNAS, etc.

Table with columns: MNAS, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Manas, Uchtor, Kzart, Erkin-Say, Karatay Array, etc.

CHMS Chumysh, 6.86 23 P Pn 07 56 38.7 -0.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Lists stations like Oshpenovka, Tokmak 2, Tokmak 2, Simla, etc.

KKR Kurukshetra, 8.29 143 eS Sn 07 58 14.6 -1.7

IMVA Miami, 8.85 271 eP Pn 07 57 00.7 -5.7

NDI New Delhi, 9.55 146 eS Sn 07 58 44.0 -1.8

KUDL Kundal, 9.71 150 eS Sn 07 57 05.0 -1.3

KUDL Kundal, 9.71 150 eS Sn 07 58 42.8 -2.3

KUDL Kundal, 9.71 150 eS Sn 07 58 48.7

JASL Jaisalmer, 9.79 181 eS Sn 07 58 37.9 -3.0

SONA Sohna, 9.87 147 eP Pn 07 57 07.0 -1.3

SONA Sohna, 9.87 147 eP Pn 07 58 48.9 -2.0

SONA Sohna, 9.87 147 eP Pn 07 58 53.8

GEYT Alibek, 10.39 280 P Pn 07 57 22.1 -4.7

GEYT Alibek, 10.39 280 P Pn 07 59 14.5 -7.2

MKAR Makanchi Array, 13.06 36 P Pn 07 57 58.8 -2.7

KOLN Koldanda, 13.86 127 eP Pn 07 58 02.2 -1.0

KURBS Kurchatov Arra, 14.87 19 P Pn 07 58 24.1 -0.1

AB31 Akbulak array, 14.90 331 P Pn 07 58 23.6 -1.0

DMN Daman, 14.95 124 eP Pn 07 58 16.9 -8.8

KKN Kakani, 14.95 123 eP Pn 07 58 16.7 -9.0

KURK Kurchatov, 14.98 19 P Pn 07 58 24.2 -1.4

PKI Pulchok, 14.98 123 eP Pn 07 58 19.5 -9.1

GUN Gumba, 15.29 121 eP Pn 07 58 20.5 -9.4

JIRN Jiri, 15.66 121 eP Pn 07 58 25.5 -9.0

BVAR Borovoye Array, 16.29 359 P Pn 07 58 42.4 +0.6

BVK Borovoye, 16.32 358 eP Pn 07 58 45.7 +3.5

RAMN Ramite, 16.39 122 eP Pn 07 58 33.8 -1.0

AKTO Aktyubinsk, 16.60 330 P Pn 07 58 45.8 +0.4

AKTO Aktyubinsk, 16.60 330 P Pn 07 58 46.4 +0.9

AKTO Aktyubinsk, 16.60 330 P Pn 07 58 46.4 +0.9

ZALV Zalesovo Beam, 19.67 25 P Pn 07 59 20.6 -1.1

ZALV Zalesovo Beam, 19.67 25 P Pn 08 03 08.7 +5.0

ARU Arti, 21.42 341 P Pn 07 59 42.5 +5.0

ARU Arti, 21.42 341 P Pn 08 03 46.5 +2.1

OBN Obninsk, 29.80 319 eP Pn 08 00 59.3 +5.3

AKASG Malin Array B, 32.84 309 P Pn 08 01 26.0 +5.3

AKASG Malin Array B, 32.84 309 P Pn 08 01 26.0 +5.2

FINES FINES Array B, 37.32 326 P Pn 08 02 03.1 +4.2

FINES FINES Array B, 37.32 326 P Pn 08 02 04.8 +5.9

ARCES ARCESS Array B, 40.94 337 P Pn 08 02 34.1 +5.1

ARCES ARCESS Array B, 40.94 337 P Pn 08 02 34.8 +5.8

NB2 NORSAR Subarra, 44.22 323 P Pn 08 02 59.7 +4.1

NOA NORSAR Array B, 44.22 323 P Pn 08 02 59.8 +4.2

NOA NORSAR Array B, 44.22 323 P Pn 08 03 01.2 +5.6

TORD Torodi Arr, 65.79 269 P Pn 08 05 31.9 +1.0

ILAR Eielson Array, 74.53 16 P Pn 08 06 29.6 +3.6

ILAR Eielson Array, 74.53 16 P Pn 08 06 29.3 +6.0

YKA Yellowknife Arr, 81.00 3 P Pn 08 07 03.0 +3.9

ASAR Alice Springs, 84.34 125 P Pn 08 07 16.2 -0.8

ISCJB 24 08:01:53.1±0.4, 26°96N±0°06, 143°53E±0°05, h10km, mb4.0/22, Error ellipse: s-maj=8.5km s-min=6.2km az=12.4

IDC 24 08:01:53.4±0.6, 26°91N±143°40E, h0km, mb3.8/17, mb1 4.0/19, mb1mx3.9/4.8, mbtmp3.8/19, ML3.3/2, Error ellipse: s-maj=16.0km s-min=14.0km az=49.0

NEIC 24 08:01:54.9±0.2, 26°91N±143°43E, h10km, mb4.6/4, Error ellipse: s-maj=6.8km s-min=4.8km az=68.0

JMA 24 08:01:55.7±0.2, 27°37N±143°35E, h0km, M4.6, Error ellipse: s-maj=2.0km s-min=1.6km az=12.4

ISC 24 08:01:55.2±0.6, 26°39N±108°143E±0°05, h10km, n36, ±112°39, mb3.9/22, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Ryogaami san, Ashikaga, Matushihiro Arr, etc.

Table with columns: Sigr, Chios island, Chios island, etc. Includes stations like Chios island, Dikili, Bozcaada, Izmir, etc.

IDC 24 08:48:41.8,0.8,27.10N;143.48E,h0km,mb3.9/13, mb1.4/116,mb1mx3.9/60,mbtmp3.9/16,ML3.7/3,MS3.0/1, Ms1.3/0.1,ms1mx2.4/41,Error ellipse: s-maj=18.6km s-min=17.1km az=83.0

NEIC 24 08:48:43.0,0.4,27.14N;143.48E,h10km,mb4.6/5, Error ellipse: s-maj=11.7km s-min=7.3km az=79.0

ISCJB 24 08:48:44.6,0.6,27.29N;0.05;143.61E;0.06,h33km, mb4.0/18, Error ellipse: s-maj=8.9km s-min=5.6km az=139.1

JMA 24 08:48:45.2,0.1,27.40N;143.53E,h42km,M4.3 ISC 24 08:48:47.0,0.8,27.31N;107.143;45E;0.09,h35km,n33, c=118/39,mb4.0/18,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Chichi jima, Haha-jima-NKT, etc.

az=20.3 IDC 24 08:58:48.6,0.9,26.69N;143.85E,h0km,mb3.6/9, mb1.3/8/10,mb1mx3.6/46,mbtmp3.6/10, Error ellipse: s-maj=24.4km s-min=19.5km az=67.0

ISC 24 08:56:50.1,0.9,26.77N;0.2;143.76E;0.10,h10km,n19, c=065/14,mb3.8/9,Bonin Islands region

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

ISCJB 24 08:58:34.5,0.8,26.9N;0.1;143.83E;0.09,h10km, mb3.6/8, Error ellipse: s-maj=15.6km s-min=11.4km az=9.3

IDC 24 08:58:34.9,1.0,26.92N;143.88E,h0km,mb3.6/8, mb1.3/7/10,mb1mx3.6/46,mbtmp3.6/10,ML3.7/2, Error ellipse: s-maj=25.0km s-min=19.5km az=78.0

ISC 24 08:58:36.1,0.1,27.00N;0.1;143.85E;0.1,h10km,n11, c=089/12,mb3.7/8,Bonin Islands region

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

IDC 24 09:03:42.8,0.6,27.19N;143.30E,h0km,mb4.3/26, mb1.4/2/29,mb1mx4.3/40,mbtmp4.3/29,ML3.6/3,MS3.0/1, Ms1.3/0.1,ms1mx2.5/40, Error ellipse: s-maj=15.8km s-min=13.2km az=80.0

NEIC 24 09:03:44.6,0.2,27.21N;143.26E,h10km,mb4.8/12, Error ellipse: s-maj=6.7km s-min=5.3km az=78.0

ISCJB 24 09:03:46.7,0.4,27.38N;0.0;143.29E;0.05,h33km, mb4.5/46, Error ellipse: s-maj=6.8km s-min=4.5km az=41.3

JMA 24 09:03:46.5,0.2,27.38N;143.32E,h42km,M4.3 ISC 24 09:03:48.5,0.5,27.31N;106.143;24E;0.07,h35km,n79, c=093/83,mb4.5/47,Bonin Islands region

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

IDC 24 08:43:02.1,0.8,27.0N;0.1;143.65E;0.08,h10km, mb3.5/8, Error ellipse: s-maj=15.8km s-min=10.5km az=176.4

IDC 24 08:43:02.5,1.0,26.97N;143.58E,h0km,mb3.5/8, mb1.3/8/9,mb1mx3.6/59,mbtmp3.6/9,ML3.8/1, Error ellipse: s-maj=21.7km s-min=15.2km az=154.0

ISC 24 08:43:04.1,0.1,27.00N;0.1;143.55E;0.09,h10km,n10, c=057/11,mb3.6/8,Bonin Islands region

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

ISCJB 24 08:46:51.1,1.5,39.01N;0.03;25.6E;0.1,h11km,5km, Error ellipse: s-maj=17.0km s-min=4.4km az=174.1

ISK 24 08:46:52.3,39.00N;25.91E,h19km,MD3.0 CSEM 24 08:46:52.3,39.00N;25.72E,h20km,MD3.0, Error ellipse: s-maj=7.0km s-min=2.0km az=82.0

DDA 24 08:46:54.1,39.06N;26.03E,h6km,MD2.8 ISC 24 08:46:52.7,1.2,39.03N;0.04;25.9E;0.1,h14km,12km, n20,c=027/32,Aegean Sea

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

IDC 24 08:23:13.0,3.3,49.46S;121.51E,h0km,mb3.8/4, mb1.4/0/4,mb1mx3.8/28,mbtmp3.9/4, Error ellipse: s-maj=86.7km s-min=61.1km az=110.0,Western Indian-Antarctic Ridge

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

IDC 24 08:23:30.0,2.5,26.97N;144.83E,h0km,mb3.5/3, mb1.3/6/4,mb1mx3.3/42,mbtmp3.5/4,ML3.5/1, Error ellipse: s-maj=55.1km s-min=28.5km az=48.0,Bonin Islands region

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

ISCJB 24 08:55:15.8,1.1,54.22N;35.09W,h0km,mb3.4/7, mb1.3/7/7,mb1mx3.4/61,mbtmp3.4/7,MS3.3/7, Ms1.3/3/7, ms1mx3.0/36, Error ellipse: s-maj=39.9km s-min=22.4km az=28.0

ISCJB 24 08:55:16.1,0.9,54.3N;0.2;35.1W;0.2,h14km,mb3.5/7, MS3.2/6, Error ellipse: s-maj=30.1km s-min=16.6km az=29.3

ISC 24 08:55:17.9,1.0,54.22N;0.2;35.1W;0.2,h14km,n15, c=064/9,mb3.4/7,MS3.2/6,Reykjanes Ridge

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

IDC 24 08:56:48.4,0.8,26.7N;0.1;143.85E;0.09,h10km, mb3.6/9, Error ellipse: s-maj=16.4km s-min=10.9km az=176.4

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPBI Pangkal Pinang, WRAB Tennant Creek, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 24 09:03:57.1,3,0.27,47N,143.53E, h0km, mb4,1/9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 24 09:09:49.9,0.2,38.69N,35.24E, h5km, MD2.7, Error ellipse: s-maj=6.6km s-min=4.2km az=176.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDAG Adana, AKO Adana, KAMIT Kaman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 24 09:14:04.5,2,9,26.63N,143.69E, h0km, mb3,5/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 24 09:31:52.6,1,7,26.74N,143.64E, h0km, mb3,2/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 24 09:33:00.7,0.5,27.15N,143.63E, h0km, mb3,9/19, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA 24 09:40:20.8,0,8,27.09S,64.82W, h61km, 13km, ML3,6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA 24 09:47:24.9,1,0,27.30N,0,1,143.0E,0,3, h10km, mb3,9/5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO Matushiro, KLR Kuldur, CONR Songo Array, etc.

1383

Table with columns: DURS, Dursunbey, 1.43 144, P, Pb, 09 54 53.1, 0.0, etc.

ISC/JB 24 09:54:59.1±0.8, 13.79N, 0.08±0.99W, 0.06, h0km, mb3.8/4, Error ellipse: s-maj=16.1km s-min=5.3km az=36.3

CASC 24 09:54:59.5±1.4, 13.66N, 91.02W, h35km, 999km, MD3.4, ML3.9

IDC 24 09:55:05.6±3.1, 14.06N, 90.49W, h126km, 34km, mb3.2/3, mb1 3.4/6, mb1mx3.1/40, mbtmp3.6/6, Error ellipse: s-maj=59.0km s-min=17.8km az=66.0

MEX 24 09:55:06.2±0.6, 13.98N, 91.54W, h20km, MD3.0

ISC 24 09:55:00.6±1.1, 13.83N, 0.08±0.98W, 0.06, h76km, 10km, n24, r123/33, mb3.9/4, 3D, Near coast of Guatemala

Main table for station 1383 with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

KRNET 24 09:58:16.6±0.1, 39.92N, 72.14E, mb2.4, NNC 24 09:58:27.5±10.0, 40.59N, 71.98E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=89.5km s-min=67.5km az=173.0

ISC 24 09:58:18.0±2.0, 39.93N, 0.27±0.99E, 0.10, h0km, nb, r069/12, 10C-6D, Kyrgyzstan

Main table for station 1383 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 24 10:02:41.0±2.3, 26.86N, 143.01E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/44, mbtmp3.5/4, ML3.5/1, Error ellipse: s-maj=51.3km s-min=26.1km az=61.0, Bonin Islands region

Main table for station 1383 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

BUI 24 10:04:58.2, 26.28N, 144.39E, h10km, mb4.6/36, mb4.9/29, Ms4.7/16, Ms7.4/3/14

NIED 24 10:05:00, 27.00N, 144.10E, h5km, Mw4.3 Best double couple: M3.13000±1015 NP1±327.00000°, 845.00000°, λ-86.00000°, NP2±141.00000°, 846.00000°, λ-94.00000°

ISC/JB 24 10:05:01.7±1.3, 26.78N, 0.04±143.92E, 0.04, h0km, 7km, mb4.5/7, MS3.5/12, Error ellipse: s-maj=7.0km s-min=5.7km az=179.3

IDC 24 10:05:02.1±0.5, 26.72N, 144.00E, h0km, mb4.2/24, mb1 4.4/27, mb1mx4.3/45, mbtmp4.2/27, ML4.0/2, MS3.3/15, Ms1 3.3/15, ms1mx3.0/59, Error ellipse: s-maj=16.1km s-min=13.5km az=61.0

MOS 24 10:05:03.0±1.0, 26.66N, 143.79E, h10km, mb4.7/29, Error ellipse: s-maj=12.2km s-min=6.1km az=116.2

NEIC 24 10:05:04.2±0.2, 26.69N, 143.95E, h10km, mb4.9/19, Mw4.3(NIED), Error ellipse: s-maj=6.1km s-min=5.7km az=56.0

JMA 24 10:05:06.5±0.1, 27.01N, 144.12E, h60km, M4.1

ISC 24 10:05:03.0±0.6, 26.77N, 0.05±143.99E, 0.04, h2km, 3km, h3km, pP-P, n198, r129/217, mb4.6/49, MS3.5/12, 10C, Bonin Islands region

Main table for station 1383 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

2010 DEC

Main table for station 2010 DEC with columns: CBUJ, Chichi jima, 1.65 282, S, Sg, 10 05 56.1, +0.1, etc.

Main table for station 24d 10h with columns: KRAR, WRAB, Tennant Creek, 47.36 192, cEP, P, pmax, pmax, 10 13 38.7, 0.0, etc.

24d 10h

Table of seismic events for 24d 10h, listing station names, magnitudes, and times. Includes stations like KARATAY, INK, YKA, YKB, etc.

Table of seismic events for 24d 10h, listing station names, magnitudes, and times. Includes stations like ARU, AKTO, YKA, etc.

2010 DEC

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like WRA, ASAR, ILAR, etc.

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like INK, YKA, NVAR, etc.

ISCJ24 10:08:41.4, 1.9, 26.88N, 143.60E, h0km, mb3.6/7, m1 3.9/9, mb1mx3.6/40, mbtmp3.7/9, ML3.2/2, Error ellipse: s-maj=43.2km s-min=29.4km az=178.0

ISCJ24 10:08:42.2, 1.5, 27.0N, 0.2, 143.5E, 0.2, h10km, mb3.5/7, Error ellipse: s-maj=29.3km s-min=25.1km az=12.5

ISCJ24 10:08:43.6, 1.5, 27.0N, 0.2, 143.5E, 0.2, h10km, n9, s104.9, mb3.6/7, Bonin Islands region

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like MJAR, USRK, KLR, etc.

ISCJ24 10:12:39.0, 0.6, 37.28N, 0.03, 31.90E, 0.04, h0km, Error ellipse: s-maj=5.0km s-min=4.0km az=157.3

ISCJ24 10:12:39.1, 0.3, 37.27N, 0.03, 31.92E, 0.03, h0km, n13, s104.6, Turkey

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like SUTC, KONT, LADK, etc.

ISCJ24 10:15:58.3, 2.6, 27.00N, 143.38E, h0km, mb3.4/2, m1 3.8/3, mb1mx3.4/45, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=50.2km s-min=29.6km az=62.0, Bonin Islands region

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like WRA, ASAR, MKAR, etc.

ISCJ24 10:17:55.9, 10.0, 26.65N, 143.29E, h0km, mb3.7/3, m1 3.9/3, mb1mx3.4/45, mbtmp3.7/3, Error ellipse: s-maj=37.8km s-min=34.0km az=71.0, Bonin Islands region

Table of seismic events for 2010 DEC, listing station names, magnitudes, and times. Includes stations like WRA, ASAR, MKAR, etc.

ISCJ24 10:22:45.7, 1.4, 26.90N, 143.51E, h0km, mb3.4/4, m1 3.7/5, mb1mx3.4/52, mbtmp3.5/5, ML3.3/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/28, Error ellipse: s-maj=32.0km s-min=24.8km az=75.0

ISCJ24 10:25:27.1, 0.8, 26.8N, 0.1, 143.73E, 0.09, h10km, mb3.7/8, Error ellipse: s-maj=16.8km s-min=11.1km az=19.5

1384

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like MJAR, KSRS, SONM, etc.

ISCJ24 10:28:39.9, 39.66N, 27.37E, h17km, MD2.7, Error ellipse: s-maj=4.6km s-min=2.3km az=2.3

ISCJ24 10:28:40.1, 0.2, 39.65N, 0.02, 27.36E, 0.04, h12km, 3km, CSEM 24 10:28:40.6, 0.1, 39.65N, 27.39E, h15km, MD2.8, Error ellipse: s-maj=3.4km s-min=2.4km az=98.0

ISCJ24 10:28:40.1, 0.2, 39.66N, 0.02, 27.40E, 0.02, h18km, 7km, n52, c038/72, Turkey

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like BALLY, BALB, BALC, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like EDIC, BNT, AKHS, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like SIRT, SART, DEMI, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like ORLT, ERIK, IZM, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like SIGR, KULA, IGD, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like TVSB, CHOS, ELOS, etc.

Table of seismic events for 1384, listing station names, magnitudes, and times. Includes stations like CAVI, KLYT, etc.

ISCJB 24 10:49:03.0-0.7, 26.9N, 01:16:66.7E, 0.08, h33km, mb3.6/19, MS3.1/2, Error ellipse: s-maj=15.5km s-min=8.8km az=153.4

ISC 24 10:49:05.0-0.8, 27.0N, 01:16:67.8E, 0.09, h35km, n23, c085/21, mb3.6/19, Pakistan

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

ISCJB 24 10:49:38.0-0.9, 67.72N, 003:33:8E, 0.1, h0km, mb3.8/1, MS2.8/1, Error ellipse: s-maj=7.5km s-min=4.5km az=1.8

KOLA 24 10:49:39.2, 67.60N, 33:93E, h0km NAO 24 10:49:39.7, 67.66N, 33:79E, ML2.8 HEL 24 10:49:39.6, 67.66N, 33:87E, h0km, ML2.5, Explosion CSEM 24 10:49:40.6, 67.53N, 33:42E, h1km, ML2.8, Error ellipse: s-maj=12.8km s-min=8.1km az=83.0, Mining explosion.

ISC 24 10:49:40.6, 1.5, 67.575N, 004:34:10E, 0.08, h0km, n50, c191/75, Baltic States-Belarus-Northwestern Russia

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

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

ISC 24 10:52:00.7-1.1, 26.81N, 143:76E, h0km, mb3.7/8, mb1.3/9, mb1mx3.6/59, mbtmp3.7/8, Error ellipse: s-maj=27.4km s-min=22.1km az=71.0

ISCJB 24 10:52:01.1, 0.8, 26.7N, 01:14:36E, 0.1, h10km, mb3.7/8, Error ellipse: s-maj=18.9km s-min=11.9km az=23.8

ISC 24 10:52:02.7-1.0, 26.80N, 02:14:36E, 0.1, h10km, n9, c192/10, mb3.6/8, Bonin Islands region

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

WEL 24 10:52:06.0-0.1, 43.61S, 172:20E, h5km, ML3.6/12, 4C-1D, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island

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

HEL 24 10:52:34.1-0.5, 67.59N, 33:99E, h0km, ML2.0, Explosion NAO 24 10:52:34.3, 67.63N, 33:87E, ML2.2 CSEM 24 10:52:34.6, 67.50N, 33:61E, h1km, ML2.2, Error ellipse: s-maj=14.7km s-min=6.6km az=98.0, Mining explosion.

ISC 24 10:52:35.6-2.1, 67.64N, 004:33:7E, 0.1, h0km, n32, c095/48, Baltic States-Belarus-Northwestern Russia

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

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

NIED 24 10:54:00.27:30N, 143:70E, h8km, Mw4.0 Best double couple: M1.280000, 1015 NP1, 350.00000, 822.00000, lambda=54.00000, NP2, 132.00000, delta=72.00000, lambda=103.00000.

ISC 24 10:54:33.6-0.5, 27.14N, 143:69E, h0km, mb4.1/25, mb1.4/228, mb1mx4.1/54, mbtmp4.0/28, ML3.7/3, Error ellipse: s-maj=15.4km s-min=13.4km az=95.0

JMA 24 10:54:34.9, 0.3, 27.34N, 143:69E, h26km, M4.5 NEIC 24 10:54:35.3, 0.2, 27.14N, 143:61E, h10km, mb4.5/15, MW4.0(NIED), Error ellipse: s-maj=6.2km s-min=5.8km az=187.0

ISCJB 24 10:54:38.4-0.4, 27.45N, 005:143:52E, 0.05, h33km, mb4.2/39, Error ellipse: s-maj=8.0km s-min=5.0km az=145.6

ISC 24 10:54:39.5-0.5, 27.31N, 006:143:56E, 0.07, h35km, n59, c193/66, mb4.2/39, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

24d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Arr, etc.

24d 10:58:45.0, 4.0, 26.98N, 143.55E, h0km, mb3.8/16, mb1.4/1.9, mb1mx3.0/4.0, mbtmp3.9/19, ML3.4/3, Error ellipse: s-maj=18.4km az=98.0

JMA 24 10:58:47.0, 1.2, 27.19N, 143.61E, h50km NEIC 24 10:58:47.0, 1.0, 27.00N, 143.51E, h10km, mb4.4/8, Error ellipse: s-maj=9.2km s-min=6.6km az=50.0

ISCJB 24 10:58:49.0, 2.0, 27.17N, 143.52E, 0.0, h33km, mb4.0/2.4, Error ellipse: s-maj=8.5km s-min=5.7km az=150.9

ISC 24 10:58:51.0, 4.0, 27.14N, 143.46E, 0.0, h35km, n41, s105/44, mb4.0/2.4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ, Chichijima, JMA, etc.

ISCJB 24 11:01:09.0, 0.5, 26.81N, 143.54E, 0.0, h10km, mb3.9/2.0, Error ellipse: s-maj=12.5km s-min=9.8km az=168.1

ISC 24 11:01:10.0, 2.0, 26.79N, 143.55E, h0km, mb3.8/15, mb1.4/1.6, mb1mx3.0/4.3, mbtmp3.8/16, ML3.8/1, Error ellipse: s-maj=23.8km s-min=15.0km az=98.0

NEIC 24 11:01:11.8, 3.1, 26.81N, 143.52E, h9km, 18km, mb4.5/5, Error ellipse: s-maj=18.7km s-min=10.8km az=93.0

ISC 24 11:01:11.9, 0.7, 26.80N, 143.55E, 0.0, h10km, n26, s125/25, mb3.9/2.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ, Chichijima, MJAR, etc.

2010 DEC

Table with columns: FITZ, Fitzroy Crossi, 47.88 203 eP, P, 11 09 52.6 +2.3, etc.

ISC 24 11:01:46.2, 4.2, 26.77N, 143.68E, h0km, mb3.8/6, mb1.4/0.7, mb1mx3.7/4.4, mbtmp3.8/7, ML3.4/1, Error ellipse: s-maj=62.2km s-min=34.1km az=28.0

ISCJB 24 11:01:47.2, 2.7, 27.0N, 143.43E, 0.0, h10km, mb3.7/6, Error ellipse: s-maj=62.1km s-min=24.6km az=30.5

ISC 24 11:01:48.1, 2.3, 26.83N, 143.47E, 0.0, h10km, n8, s075/6, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, Matsushiro Arr, KLR, etc.

ISCJB 24 11:04:32.0, 0.8, 27.1N, 143.34E, 0.0, h10km, mb3.7/6, Error ellipse: s-maj=16.3km s-min=11.1km az=164.5

ISC 24 11:04:32.8, 1.0, 27.12N, 143.42E, h0km, mb3.5/5, mb1.3/8.6, mb1mx3.5/4.0, mbtmp3.5/6, ML3.7/1, Error ellipse: s-maj=27.6km s-min=20.2km az=128.0

ISC 24 11:04:34.5, 1.0, 27.1N, 143.31E, 0.0, h10km, n8, s092/9, mb3.7/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, Chichijima, MJAR, etc.

ISC 24 11:04:38.8, 0.5, 23.35N, 153.51E, h158km, 56km, mb3.3/5, mb1.3/5.6, mb1mx3.2/3.8, mbtmp3.8/6, MS2.7/2, Ms1 2.7/2, ms1mx2.3/2.1, Error ellipse: s-maj=83.7km s-min=52.8km az=99.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, Port Moresby, HNR, etc.

ISCJB 24 11:07:07.0, 2.0, 25.53N, 141.2E, 0.0, h10km, mb3.8/10, Error ellipse: s-maj=18.1km s-min=9.7km az=28.7

ISC 24 11:07:07.0, 2.0, 25.57N, 141.20E, h0km, mb3.8/10, mb1.4/0.1, mb1mx3.8/3.7, mbtmp3.8/11, ML3.5/1, MS2.7/3, Ms1 2.7/3, ms1mx2.5/3.6, Error ellipse: s-maj=29.1km s-min=16.6km az=106.0

ISC 24 11:07:08.0, 0.8, 25.68N, 141.2E, 0.0, h10km, n22, s154/5, mb3.9/10, Volcan Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, Chichijima, KJL, etc.

1386

Table with columns: YKA, Yellowknife Arr, 73.85 28 P, P, 11 18 44.2 +0.8, etc.

JMA 24 11:09:20.4, 0.6, 27.03N, 143.64E, h28km, M3.6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ, Chichijima, etc.

ISCJB 24 11:11:14.7, 0.8, 27.00N, 143.61E, 0.0, h10km, mb3.5/7, Error ellipse: s-maj=13.4km s-min=12.0km az=21.2

ISC 24 11:11:14.8, 1.1, 27.04N, 143.65E, h0km, mb3.4/7, mb1.3/7.8, mb1mx3.5/3.0, mbtmp3.5/8, ML3.7/1, Error ellipse: s-maj=30.2km s-min=19.5km az=88.0

ISC 24 11:11:16.6, 1.0, 27.00N, 143.55E, 0.0, h10km, n10, s111/11, mb3.5/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, Chichijima, MJAR, etc.

ISCJB 24 11:25:41.2, 0.7, 26.6N, 143.71E, 0.0, h10km, mb3.6/11, MS2.4/1, Error ellipse: s-maj=16.8km s-min=10.9km az=22.5

ISC 24 11:25:41.2, 0.8, 26.63N, 143.83E, h0km, mb3.6/11, mb1.3/8.12, mb1mx3.7/3.9, mbtmp3.6/12, ML3.5/1, MS2.5/1, Ms1 2.5/1, ms1mx2.1/5.2, Error ellipse: s-maj=22.7km s-min=19.5km az=66.0

ISC 24 11:25:42.9, 0.9, 26.7N, 143.69E, 0.0, h10km, n14, s08/15, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, Chichijima, MJAR, etc.

ISCJB 24 11:28:15.6, 0.5, 38.74N, 150.03, 29.34E, 0.0, h6km, n14, Error ellipse: s-maj=5.6km s-min=4.1km az=150.1

DDA 24 11:28:15.5, 38.73N, 29.34E, h7km, MD2.6

ISC 24 11:28:15.0, 38.73N, 29.34E, h5km, MD2.6

CSEM 24 11:28:15.0, 38.74N, 29.34E, h5km, MD2.6, Error ellipse: s-maj=2.6km s-min=2.1km az=71.0

ISC 24 11:28:15.0, 0.9, 38.75N, 150.03, 29.31E, 0.0, h6km, n20, s042/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHAL, Karahalli, etc.

ISCJB 24 11:28:54.3, 0.9, 27.1N, 143.62E, 0.0, h10km, mb3.5/6, Error ellipse: s-maj=16.8km s-min=11.6km az=168.0

ISC 24 11:28:54.7, 1.0, 27.06N, 143.72E, h0km, mb3.5/6, mb1.3/6.7, mb1mx3.4/4.2, mbtmp3.5/7, ML3.5/1, Error ellipse: s-maj=28.1km s-min=21.8km az=111.0

ISC 24 11:28:56.4, 1.1, 27.1N, 143.57E, 0.0, h10km, n8, s126/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, MJAR, WRA, ASAR, KURBB, INK, YKA, FINES.

NIED 24 11:34:00.27, 10N, 143.70E, h5km, Mw4.0 Best double couple: M=1.05000x1015 NP1=0.33600000, S32.000000, ...

ICD 24 11:34:04.0, 0.4, 26.83N, 143.65E, h0km, mb4.0/21, mb1 4.2/24, mb1mx4.1/41, mbmtpp4.0/24, ML3.4/3, Error ellipse: s-maj=17.3km s-min=14.1km az=75.0

JMA 24 11:34:06.9, 0.2, 27.06N, 143.67E, h10km, M4.2, NEIC 24 11:34:06.1, 0.3, 26.87N, 143.58E, h10km, mb4.5/6, MW4.0(NIED), Error ellipse: s-maj=7.9km s-min=6.4km

ISCJB 24 11:34:07.8, 0.4, 26.89N, 143.65E, h0.05, h33km, mb4.1/27, Error ellipse: s-maj=9.1km s-min=5.8km az=178.0

ISC 24 11:34:10.1, 0.6, 27.01N, 143.57E, h0.07, h35km, n42, e123/48, mb4.1/27, Bonin Islands region

Main table listing station data for various stations including Chichijima, Haha-jima, Hanno, Hachioji, Ashikaga, Matsushiro, Korea Array, etc.

MEX 24 11:47:25.2, 0.7, 18.83N, 104.13W, h5km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like R15V, EZSV, MMIG.

ISCJB 24 11:53:32.3, 0.8, 14.9S, 0.2, 174.5W, h1km, mb3.9/8, Error ellipse: s-maj=32.7km s-min=9.8km az=153.4

ICD 24 11:53:40.6, 1.9, 15.09S, 174.03W, h102km, mb3.6/8, mb1 3.8/9, mb1mx3.6/40, mbmtpp4.0/9, Error ellipse: s-maj=32.7km s-min=15.6km az=139.0

ISC 24 11:53:33.9, 0.9, 15.0S, 0.2, 174.4W, h0.2, h35km, n10, e207/10, mb3.9/8, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, URZ, STKA, WRA, ASAR, Vnda, NVAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR, MAW, BRTR, MAN 24, PIP, APYP, ABRA.

ICD 24 11:59:41.0, 0.8, 10.76S, 165.22E, h0km, mb4.1/13, mb1 4.3/15, mb1mx4.1/45, mbmtpp4.2/15, ML5.0/2, Error ellipse: s-maj=23.7km s-min=14.0km az=133.0

NEIC 24 11:59:42.5, 0.6, 10.78S, 165.27E, h10km, mb4.6/3, Error ellipse: s-maj=13.9km s-min=10.2km az=115.0

ISCJB 24 11:59:43.5, 0.6, 10.86S, 165.26E, h0.07, h30km, mb4.1/13, Error ellipse: s-maj=10.6km s-min=10.3km az=39.1

AUST 24 12:00:46.1, 11.81S, 162.43E, h450km, ISC 24 11:59:45.4, 0.7, 10.81S, 165.34E, h0.08, h30km, n38, e148/33, mb4.1/13, Santa Cruz Islands

Main table listing station data for various stations including Honiara, DZM, EIDS, CTA, CTAO, MTSU, RMQ, QLP, CMSA, H11S2, H11S3, H11S1, STKA, H11N1, H11N2, WRA, ASAR, ASAR, BBOO, KNRA, WRKA, FITZ, SANI, LUWI, PETK, KLR, Vnda, CMAR, SONM, ILAR, Eielson Array, STKA, NVAR, MKAR, ZAAO, YKA.

HLW 24 12:00:36.0, 35.08N, 25.62E, h33km, 32km, M12.9, ISCJB 24 12:00:38.0, 3.0, 34.64N, 0.03, 25.59E, 0.03, h48km, 5km, mb3.7/1, Error ellipse: s-maj=5.3km s-min=3.6km az=33.0

CSEM 24 12:00:38.0, 3.0, 34.64N, 25.54E, h15km, MD3.8, Error ellipse: s-maj=4.6km s-min=3.3km az=33.0

THE 24 12:00:40.9, 34.78N, 25.52E, h12km, 1km, ML3.3/3, Error ellipse: s-maj=1.9km s-min=0.9km az=353.0

ICD 24 12:00:44.1, 3.4, 34.73N, 25.54E, h45km, 10km, mb3.6/11, mb1 3.7/17, mb1mx3.5/62, mbmtpp3.8/17, ML3.7/5, Error ellipse: s-maj=19.8km s-min=11.4km az=20.0

ATH 24 12:00:40.3, 34.80N, 25.46E, h36km, 1km, MD3.8/32, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LAST, NPS, SIVA, ZKR, IACM.

Main table listing station data for various stations including Heraklion, Heraklion, Anoyia, GVD, VAM, IMMV, KARP, THRE, SNT, THRS, ANKY, MHLO, APE, KITH, ARG, SER, VLI, TUR, KRY, VLY, ATH, KSL, PNT, PTL, AKAS, Vlachokerasia, Vlachokerasia, CHOS, PYL, PYLOS, HMAT, HMAT, ITM, TRIP, VILL, EREA, GAZI, WIL2, GUR, PROD, PROD, KLV, KLV, DESF, DESF, DESF, LKR, DRO, DRO, LAKA, LAKA, KALE, SERG, SERG, SERG, EPAL, EPAL, SKIA, ANX, ANX, AGG, AGG, MAK, MAK, SWAZ, SWAZ, THL, THL, GAZI, GAZI, LIT, HSAF, HSAF, GLL, GLL, HFRF, HFRF, HFRF, BRTR, MMAI, MMAI, NVAL, NVAL, EIL, EIL.

24d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAE Valguarnera, KBZ Khabaz, AKASG Malin Array B, etc.

IDC 24 12:00:41.8, 1.6, 26.93N, 143.71E, h0km, mb3.8/11, mb1.4/0.12, mb1.8/0.65, mbtmp3.8/12, ML3.7/1, Error ellipse: s-maj=44.4km s-min=19.4km az=2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, MAJO Matushiro, MKAR Makanchi Array, etc.

AUST 24 12:02:38.7, 5.8, 9.61E, 165.99E, h25km, Error ellipse: s-maj=1.5km s-min=1.2km az=298.0

IDC 24 12:02:44.2, 0.5, 10.77S, 165.30E, h0km, mb4.5/24, mb1.4/7.27, mb1mx4.5/49, mbtmp4.6/27, ML2.3/1, MS4.2/14, Ms1.4/2.14, ms1mx3.9/35, Error ellipse: s-maj=16.4km s-min=12.9km az=102.0

NEIC 24 12:02:45.8, 0.2, 10.79S, 165.28E, h10km, mb5.2/30, Error ellipse: s-maj=8.2km s-min=5.6km az=140.0

GCMT 24 12:02:45.8, 0.2, 10.76S, 165.12E, h14km, MW4.9/69, Moment Tensor Solution: m1, m2, m3, M, Duration: 0. Moment tensor: M=1016Nm, M2=682.14, M3=202.25, M=2.94e+10, M2=3.01e+07, M3=0.20e+18, Best double couple: M2, 830000.0, 1316.0, NP1=180.00000, 647.00000, 183.00000, NP2=11.00000, 643.00000, 197.00000, Principal axes: T 2.6850, Plg85.0000, Azm25.0000; N 0.2940, Plg5.0000, Azm185.0000; P -2.9750, Plg2.0000, Azm275.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 24 12:02:47.3, 0.2, 10.83S, 165.21E, 0.04, h30km, mb4.9/51, MS4.2/12, Error ellipse: s-maj=7.0km s-min=5.2km az=140.0

BJJ 24 12:02:49.8, 10.5S, 165.64E, h43km, mb4.8/38, mb5.2/26, MS5.2/15, MS7.4/6/16

MOS 24 12:02:53.4, 1.5, 10.77S, 164.98E, h74km, mb5.2/15, Error ellipse: s-maj=10.9km s-min=9.0km az=2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, MSVF Nonsavu, PMG Port Moresby, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTSU Mount Surprise, COEN Coen, RMQ Roma, ARMA Armidale, RAO Raoul Island, etc.

1388

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, GYA Guiyang, BJI Beijing, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SONM Songoing Array, YAK Yakutsk, SEY Seymchan, KMI Kunming, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TXAR Lajitas Array, PTGA Pitanga, LPAZ La Paz, ISJCUB 24 15:24, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KAVA Baf-kesir, KNL Baf-kesir, KZD Kurdzhali, etc.

24d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Zeytinokoy-Aydi, VIL2 Platees, VILL Villa, etc.

IDC 24 15:29:52.6:1.3, 27.01N-143.79E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.4/5, mbtmp3.5/5, ML3.0/1, MS4.0/1, Ms1 4.0/1, ms1mx2.5/8, Error ellipse: s-maj=54.8km s-min=23.5km az=57.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 24 15:36:28.0:0.7, 29.71N-0.07:80.57E:0.05, h10km, mb3.5/4, Error ellipse: s-maj=10.6km s-min=6.2km az=168.1

NDI 24 15:36:28.5:1.8, 29.67N-80.63E, h10km, ML2.8 IDC 24 15:36:29.7:1.7, 29.81N-80.73E, h0km, mb3.3/6, mb1 3.0/7, mb1mx3.3/6, mbtmp3.4/7, ML2.8/1, Error ellipse: s-maj=69.9km s-min=19.9km az=61.0

ISC 24 15:36:30.0:0.9, 29.71N-0.09:80.56E:0.07, h10km, n13, alpha131/15, mb3.5/4, Nepal-India border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KALG Kalgarh, NDL New Delhi, SMLA Simla, etc.

ISCJB 24 15:36:41.8:0.5, 58.49S:0.07:23.7W:0.2, h10km, mb4.7/11, MS3.5/6, Error ellipse: s-maj=19.3km s-min=8.8km az=160.7

IDC 24 15:36:42.6:0.6, 58.38S:23.77W, h0km, mb4.5/8, mb1 4.0/6, mb1mx4.3/24, mbtmp4.5/8, MS3.5/6, Ms1 3.5/6, ms1mx3.3/24, Error ellipse: s-maj=24.6km s-min=18.7km az=75.0

NEIC 24 15:36:43.9:0.3, 58.37S:23.86W, h10km, mb4.6/2, Error ellipse: s-maj=15.1km s-min=10.5km az=57.0

AWI 24 15:37:02.2:59.42S:22.36W IDC 24 15:36:43.8:0.6, 58.55S:0.1:23.7W:0.2, h10km, n31, alpha104/28, mb4.6/11, MS3.4/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LPAZ Samuel, LIC Lamto, KIC Kosan Boka, etc.

IDC 24 15:37:26.2:1.4, 26.07N:141.98E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.3/51, mbtmp3.6/5, ML3.2/1, MS3.7/1, Ms1 3.8/1, ms1mx2.6/45, Error ellipse: s-maj=59.0km s-min=16.5km az=95.0

ISC 24 15:37:27.5:1.4, 26.10N:141.93E:0.3, h10km, n7, alpha115/6, mb3.7/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

GUC 24 15:44:53.5:0.6, 21.13S:68.85W, h118km, 4km, ML3.3, 5C-4D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB09 IPOC Station P, etc.

ISCJB 24 15:45:26.1:0.5, 6.71S:0.05:147.78E:0.08, h63km, mb4.0/10, Error ellipse: s-maj=11.7km s-min=6.4km az=117.0

IDC 24 15:45:28.4:2.0, 6.80S:147.82E, h69km, 22km, mb3.8/10, mb1 4.1/14, mb1mx3.8/37, mbtmp4.2/14, MS3.4/3, Ms1 3.4/3, ms1mx2.8/35, Error ellipse: s-maj=33.7km s-min=11.3km az=117.0

AUST 24 15:45:31.6:0.0, 7.23S:148.14E, h87km, Error ellipse: s-maj=1.5km s-min=0.9km az=290.0

ISC 24 15:45:28.0:0.6, 6.76S:0.07:147.78E:0.09, h63km, n31, alpha71/31, mb4.1/9, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, RMB Rabaul, COEN Coen, etc.

1394

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WRKA Warakurna, etc.

NEIC 24 15:46:11.8, 43.61S:172.34E, h14km, ML3.8(WEL), After WEL

NEIC Fel at Christchurch, WEL 24 15:46:11.8:0.1, 43.57S:172.32E, h10km, 1km, ML3.7/9, 6C-3D, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LBZ Lake Benmore, LBZ Lake Benmore, Lake Benmore, etc.

ISCJB 24 15:45:26.1:0.5, 6.71S:0.05:147.78E:0.08, h63km, mb4.0/10, Error ellipse: s-maj=11.7km s-min=6.4km az=117.0

IDC 24 15:45:28.4:2.0, 6.80S:147.82E, h69km, 22km, mb3.8/10, mb1 4.1/14, mb1mx3.8/37, mbtmp4.2/14, MS3.4/3, Ms1 3.4/3, ms1mx2.8/35, Error ellipse: s-maj=33.7km s-min=11.3km az=117.0

AUST 24 15:45:31.6:0.0, 7.23S:148.14E, h87km, Error ellipse: s-maj=1.5km s-min=0.9km az=290.0

ISC 24 15:45:28.0:0.6, 6.76S:0.07:147.78E:0.09, h63km, n31, alpha71/31, mb4.1/9, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, RMB Rabaul, COEN Coen, etc.

CASC 24 15:46:34.5:2.5, 8.38N:83.03W, h9km, 9km, MD3.6, 2C-1D, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ACR Cerro Adams, ACR Cerro Adams, TBS2 TBS2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MALT, NIG, HAWK, etc.

Code Station Name Az Az' Phase ID Time Res
JMA Felt J1,
IDC 24 17:27:35.10.4.27.08N:143.38E, h0km, mb5.2/28,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, etc.

Code Station Name Az Az' Phase ID Time Res
ISCJB 24 17:03:52.4.1.26.66N:143.79E, h0km, mb3.7/7,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ZALV, etc.

Code Station Name Az Az' Phase ID Time Res
ISCJB 24 17:03:54.3.1.26.71N:143.77E, h0km, n9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ZALV, etc.

Code Station Name Az Az' Phase ID Time Res
ISCJB 24 17:09:44.2.0.9.27.21N:143.50E, h0km, mb3.7/8,

Code Station Name Az Az' Phase ID Time Res
ISCJB 24 17:09:47.4.0.8.27.43N:143.38E, h0km, h33km,

Code Station Name Az Az' Phase ID Time Res
JMA 24 17:09:48.6.0.1.27.53N:143.27E, h44km, M2.9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ, JCH, etc.

Code Station Name Az Az' Phase ID Time Res
ISCJB 24 17:18:56.2.0.7.26.83N:143.91E, h0km, mb3.9/10,

Code Station Name Az Az' Phase ID Time Res
IDC 24 17:18:57.4.1.1.26.66N:143.81E, h0km, mb3.8/7,

Code Station Name Az Az' Phase ID Time Res
NEIC 24 17:18:58.2.0.8.27.74N:143.87E, h10km, mb4.5/3,

Code Station Name Az Az' Phase ID Time Res
JMA 24 17:19:00.2.0.1.27.19N:143.70E, h5km, km, M4.2,

Code Station Name Az Az' Phase ID Time Res
ISC 24 17:18:58.6.1.0.26.8N:143.82E, h0km, n23,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHHJ, CBJJ, etc.

JMA 24 17:27:32.7.0.1.27.28N:143.58E, h8km, M5.5

JMA Felt J1,
IDC 24 17:27:35.10.4.27.08N:143.38E, h0km, mb5.2/28,
mb1 5.3/33, mb1mx3.5/29, mbtmp5.2/33, ML4.2, M5.4, 1/2,

Code Station Name Az Az' Phase ID Time Res
CBJJ Chichi jima 1.00 264 P S Pn

Code Station Name Az Az' Phase ID Time Res
JHHJ Haha-jima-NKT 1.16 240 P S Pn

Code Station Name Az Az' Phase ID Time Res
BSO1 Boso 1 7.68 346 S S Pn

Code Station Name Az Az' Phase ID Time Res
MAJ0 Matsushiro 10.26 336 P Pn

Code Station Name Az Az' Phase ID Time Res
KSNH Namhae 15.19 304 P P

Code Station Name Az Az' Phase ID Time Res
KSNH Namhae 15.19 304 P P

Code Station Name Az Az' Phase ID Time Res
KSNH Namhae 15.19 304 P P

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSJA, KSIC, KSCH, etc.

WRAB	Tennant Creek	47.66 191	eP	P	17 36 11.4	-3.1
WRAB	comp-Z,114nm,0.8s					
WRAB			LR	LR		
WRA	comp-Z,455nm,19.0s	47.67 191	P	P	17 36 11.4	-3.2
WRA	comp-Z,36nm,0.7s,baz=11,slow=8.4,SNR=190					
WRA	Warramunga Arr	47.67 191	P	P	17 36 11.4	-3.2
WRA	comp-Z,96nm,0.7s					
WRA	comp-Z,129nm,1.0s					
WCS	Warramunga Arr	47.68 191	eP	P	17 36 11.6	-3.1
WCS	comp-Z,129nm,1.0s					
JMBI	Jambi	47.74 240	P	P	17 36 19.5	+4.2
JMBI	comp-Z,331nm,1.4s					
FITZ	Fitzroy Crass	48.19 203	eP	P	17 36 17.8	-0.8
FITZ	comp-Z,45nm,0.9s					
LEM	Lembang	48.35 231	P	P	17 36 25.0	+4.9
BKNI	Bangkinang	48.57 244	eP	P	17 36 21.7	0.0
BKNI	comp-Z,133nm,0.4s					
CBJI	Citeko	48.59 232	P	P	17 36 22.0	+0.2
CBJI	comp-Z,362nm,1.1s,comp-Z,6um					
PSI	Prapat	48.86 248	eP	P	17 36 22.1	-2.0
PSI	comp-Z,79nm,0.7s					
PSI	comp-Z,78nm,0.7s					
CNJJ	Cibinong	49.03 231	P	P	17 36 22.7	-2.5
CNJJ	comp-Z,75nm,1.1s,comp-Z,734nm					
TAPN	Taplejung	49.04 284	eP	P	17 36 25.5	-0.1
TAPN	comp-Z,74nm,0.6s					
MDSI	Maura Dua	49.20 236	P	P	17 36 25.4	-1.1
MDSI	comp-Z,128nm,1.3s,comp-Z,1um					
LHMI	Lhok Sumawe	49.21 252	P	P	17 36 28.1	+1.5
LHMI	comp-Z,218nm,0.9s,comp-Z,2um					
LHMI	Lhok Sumawe	49.21 252	eP	P	17 36 28.3	-3.3
LHMI	comp-Z,199nm,1.0s					
SKJI	Sukabumi	49.21 232	P	P	17 36 27.6	+1.0
SKJI	comp-Z,108nm,1.2s					
LHSI	Lahat	49.25 237	P	P	17 36 26.8	-0.1
LHSI	comp-Z,161nm,1.1s,comp-Z,2um					
KDCI	Kotacane, Aceh	49.42 250	P	P	17 36 26.6	-1.7
KDCI	comp-Z,64nm,1.0s,comp-Z,610nm					
ODAS	Odare	49.43 283	eP	P	17 36 28.5	0.0
ODAS	comp-Z,212nm,0.7s					
CGJI	Cibinong	49.55 233	P	P	17 36 29.2	+0.1
CGJI	comp-Z,25nm,0.8s,comp-Z,2um					
PPI	Padang Panjang	49.55 243	P	P	17 36 29.1	-0.1
PPI	comp-Z,32nm,1.1s,comp-Z,631nm					
LWLI	Liwa	49.64 236	P	P	17 36 28.4	-1.6
LWLI	comp-Z,78nm,0.9s,comp-Z,2um					
KASI	Kota Agung	49.66 235	P	P	17 36 28.7	-1.3
KASI	comp-Z,33nm,1.3s					
PDSI	Padang	49.78 243	P	P	17 36 30.9	-0.1
PDSI	comp-Z,14nm,0.9s,comp-Z,2um					
MASI	Maura Aman, Be	49.78 239	P	P	17 36 31.0	0.0
MASI	comp-Z,204nm,1.0s,comp-Z,6um					
KSI	Kapahiang	49.84 238	P	P	17 36 30.6	-0.9
KSI	comp-Z,110nm,1.0s					
MNAI	Manna	50.02 237	eP	P	17 36 28.3	-4.5
MNAI	comp-Z,62nm,0.6s					
ZAAO	Zalesovo Array	50.05 319	eP	P	17 36 32.4	+0.1
ZAAO	comp-Z,32nm,0.9s,baz=100,slow=6.7,SNR=97					
ZALV	Zalesovo Beam	50.05 319	P	P	17 36 31.8	-0.7
ZALV	comp-Z,17nm,0.6s,baz=110,slow=3.7,SNR=76					
ZALV	Zalesovo Beam	50.05 319	P	P	17 37 52.4	+0.3
ZALV	comp-Z,17nm,0.6s					
ZALV	comp-Z,32nm,0.9s					
ZALV	comp-Z,17nm,0.6s					
RAMN	Ramite	50.10 283	eP	P	17 36 33.5	-0.1
RAMN	comp-Z,390nm,1.0s					
JIRN	Jiri	50.28 284	eP	P	17 36 35.6	+0.5
JIRN	comp-Z,49nm,0.8s					
CHGN	Chignik	50.31 38	eP	P	17 36 31.7	-2.7
CHGN	comp-Z,49nm,0.8s					
GUN	Gumba	50.49 285	eP	P	17 36 37.1	+0.4
GUN	comp-Z,563nm,1.0s					
GSI	Gunungstoli	50.81 247	P	P	17 36 38.0	-0.8
GSI	comp-Z,149nm,1.1s,comp-Z,2um					
GSI	Gunungstoli	50.81 247	eP	P	17 36 37.0	-1.8
GSI	comp-Z,268nm,1.4s					
PKI	Pulchoki	50.98 285	eP	P	17 36 40.1	-0.2
PKI	comp-Z,138nm,1.1s					
PKIN	Phulchoki	50.99 285	eP	P	17 36 39.8	-0.5
PKIN	comp-Z,138nm,1.1s					
KKN	Kakani	51.04 285	eP	P	17 36 40.5	-0.1
KKN	comp-Z,284nm,1.1s					
NVS	Novosibirsk	51.09 320	eP	S	17 36 40.4	+0.1
NVS	comp-N,38nm,2.0s					
NVS	comp-E,95nm,2.0s					
NVS	comp-Z,133nm,2.0s					
NVS	comp-N,80nm,3.6s					
NVS	comp-E,78nm,3.6s					
SISI	Saibi	51.12 244	P	P	17 36 40.2	-0.9
SISI	comp-E,63nm,1.0s					
MK01	Makanchi Array	51.16 309	eP	P	17 36 39.5	-1.6
MK01	comp-Z,16nm,0.6s					
MK31	Makanchi Array	51.17 310	iP	P	17 36 40.2	-0.9
MK31	comp-Z,8.0nm,0.5s,baz=89,slow=10.0,SNR=103					
MKAR	Makanchi Array	51.17 310	P	P	17 37 39.7	-1.4
MKAR	comp-Z,9.9nm,0.9s,baz=84,slow=3.8,SNR=50.0					
MKAR	Makanchi Array	51.17 310	P	P	17 37 57.0	+0.5
MKAR	comp-Z,8.0nm,0.5s					
MKAR	Makanchi Array	51.17 310	P	P	17 36 41.1	0.0
MKAR	comp-Z,10.0nm,0.9s					
DMN	Daman	51.23 285	eP	P	17 37 57.0	+0.5
DMN	comp-Z,148nm,0.8s					
AS01	Alice Springs	51.38 191	eP	P	17 36 39.6	-3.3
AS01	comp-Z,115nm,1.5s					
ASAR	Alice Springs	51.39 191	P	P	17 36 39.5	-3.3
ASAR	comp-Z,10nm,0.7s,baz=9.7,slow=4.8,SNR=94					
ASAR	Alice Springs	51.39 191	P	P	17 36 39.6	-3.3
ASAR	comp-Z,11nm,0.7s					
KOLN	Koldanda	52.49 285	eP	P	17 36 51.6	+0.2
KOLN	comp-Z,238nm,1.1s					
SVW2	Sparveohn	52.66 32	eP	P	17 36 53.7	+1.8
SVW2	comp-Z,37nm,1.3s					
EIDS	Eidsvold	52.81 171	eP	P	17 36 52.0	-1.4
EIDS	comp-Z,44nm,1.4s					
TTA	Tatalina	52.85 30	eP	P	17 36 54.6	+1.2
TTA	comp-Z,193nm,3.0s					
TTA	Tatalina	52.85 30	P	P	17 36 54.6	+1.2
TTA	comp-Z,193nm,3.0s					
MBWA	Marble Bar	53.23 208	P	P	17 36 56.5	0.0
MBWA	SNR=5.2					
MBWA	Marble Bar	53.23 208	mb	P	17 36 57.9	
MBWA	SNR=9.1					
MBWA	Marble Bar	53.23 208	PFAKE	LR	17 37 10.0	+1.3
MBWA	comp-Z,98um,20.0s					
KIP	Kipapa	53.38 83	eP	P	17 36 54.1	-3.8
KIP	comp-Z,690nm,2.3s					
KIP	Kipapa	53.38 83	eP	P	17 36 54.1	-3.8
KIP	comp-Z,690nm,2.3s					
KURK	Kurchatov	53.61 314	eP	P	17 36 57.1	-2.0
KURK	comp-Z,307nm,0.8s					
KURK	Kurchatov	53.61 314	eP	P	17 36 57.1	-2.0
KURK	comp-Z,699nm,20.0s					
KURK	Kurchatov	53.61 314	eP	P	17 36 57.1	-2.0
KURK	comp-Z,307nm,0.8s					
KURK	comp-Z,699nm,20.0s					
KURKB	Kurchatov Arra	53.67 314	P	P	17 36 59.0	-0.6
KURKB	comp-Z,108nm,0.6s,baz=91,slow=7.2,SNR=177					
KDAK	Kodiak Island	53.67 37	P	P	17 36 59.3	-0.1
KDAK	comp-Z,18nm,0.6s,baz=280,slow=4.8,SNR=16					
KDAK	Kodiak Island	53.67 37	P	P	17 36 59.3	-0.1
KDAK	comp-Z,18nm,0.6s					
KDAK	Kodiak Island	53.67 37	P	P	17 37 01.0	+1.6

KDAK	Kodiak Island	53.67 37	P	P	17 36 59.3	-0.1
KDAK	comp-Z,226nm,0.8s,SNR=6.0					
RSD	Redoubt South	53.92 33	eP	P	17 37 02.6	+1.2
RSD	comp-Z,99nm,21.0s					
SPU	Mount Spurr	54.36 33	eP	P	17 37 04.9	+0.4
SPU	comp-Z,45nm,1.4s					
BPAW	Bear Paw Mtn.	55.28 29	eP	P	17 37 13.0	+1.9
BPAW	comp-Z,17nm,1.2s					
RC01	Rabbit Creek A	55.47 33	eP	P	17 37 13.2	+0.7
RC01	comp-Z,226nm,1.0s					
TRF	Thorofare Moun	55.49 30	eP	P	17 37 14.1	+1.3
TRF	comp-Z,20nm,1.1s					
SEW	Seward	55.51 34	eP	P	17 37 13.0	+0.2
SEW	comp-Z,268nm,1.0s					
MLY	Manley	55.54 28	eP	P	17 37 13.4	+0.4
MLY	comp-Z,15nm,0.9s					
PMR	Palmer	55.81 32	eP	P	17 37 14.8	0.0
PMR	comp-Z,20nm,0.9s					
PMR	Palmer	55.81 32	eP	P	17 37 14.8	0.0
PMR	comp-Z,20nm,0.9s					
HPAH	Hawaii Prepara	55.89 83	eP	P	17 37 14.5	-1.7
HPAH	comp-Z,547nm,2.5s					
RND	Reindeer	56.13 30	eP	P	17 37 17.0	-0.2
RND	comp-Z,17nm,1.0s					
RND	Reindeer	56.13 30	eP	P	17 37 17.0	-0.2
RND	comp-Z,17nm,1.0s					
MCK	McKinley	56.13 30	eP	P	17 37 17.1	-0.1
MCK	comp-Z,26nm,1.1s					
MCK	McKinley	56.13 30	eP	P	17 37 17.1	-0.1
MCK	comp-Z,26nm,1.1s					
COLD	Coldfoot	56.15 25	eP	P	17 37 16.5	-0.6
COLD	comp-Z,24nm,1.1s					
TKM2	Tokmak 2	56.16 305	eP	P	17 37 18.0	0.0
TKM2	comp-Z,35nm,1.0s					
TKM2	Tokmak 2	56.16 305	P	P	17 37 19.0	+1.0
TKM2	comp-Z,295nm,19.0s					
TKM2	Tokmak 2	56.16 305	eP	P	17 37 18.0	0.0
TKM2	comp-Z,36nm,1.0s					
TKM2	Tokmak 2	56.16 305	eP	P	17 37 19.8	+2.0
TKM2	comp-Z,295nm,19.0s					
SML	Sawmill	56.20 32	eP	P	17 37 19.8	+2.0
SML	comp-Z,59nm,1.3s					
SML	Sawmill	56.20 32	eP	P	17 37 19.8	+2.0
SML	comp-Z,59nm,1.3s					
KSH	Kashi	56.37 301	iP	P	17 37 23.3	+3.9
KSH	comp-Z,140nm,0.9s					
KSH	Kashi	56.37 301	iP	P	17 37 23.3	+3.9
KSH	comp-Z,140nm,0.9s					
KSH	comp-Z,610nm,5.3s					
KSH	comp-Z,620nm,7.0s					
KSH	comp-Z,430nm,6.0s					
KSH	comp-Z,690nm,7.5s					
KZA	Kyzart	56.53 304	P	P	17 37 22.6	+1.7
KZA	SNR=18					
MDM	Murphy Dome	56.58 28	eP	P	17 37 20.6	+0.2
MDM	comp-Z,45nm,1.5s					
WRH	Wood River Hill	56.59 29	eP	P	17 37 20.7	+0.3
WRH	comp-Z,20nm,1.2s					
KBK	Karagaybulak	56.67 305	P	P	17 37 22.4	+0.9
KBK	SNR=4					
SCM	Sheep Creek Mo	56.68 32	eP	P	17 37 22.6	+1.4
SCM	comp-Z,51nm,1.1s					
SCM	comp-Z,51nm,1.1s					
CCB	Clear Creek Bu	56.73 29	eP	P	17 37 23.0	+1.7
CCB	comp-Z,14nm,1.0s					
COLA	College	56.73 28	eP	P	17 37 22.8	+1.4
COLA	comp-Z,114nm,2.4s					
COLA	College	56.73 28	eP	P	17 37 22.8	

24d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAG, M04C, SMDO, MAK, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES, NCK, TBLG, etc.

1400

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M1CGM, FURC, YMR, etc.

DGMT	Dagmar	83.53	38	eP	P	17 40 05.4	-0.6
ILIC	ilic-Erzincan	83.54	311	eP	P	17 40 07.0	+0.7
SIM	Simferopol	83.54	318	eP	S	17 40 06.5	+0.5
SIM				eS	S	17 50 28.0	+0.9
MONP	Monument Peak	83.56	56	P	P	17 40 06.7	0.0
SVRC	Svirice-ELAZID	83.57	310	eP	P	17 40 08.7	+2.1
HFS	Hagfors	83.70	337	P	P	17 40 06.5	-0.1
HFS	Hagfors	83.70	337	P	P	17 40 06.5	-0.1
A25A	Svangstu Ranch	83.86	37	P	P	17 40 07.9	+0.3
MSU	Marysvale	83.86	50	eP	P	17 40 09.1	+1.0
MSU	Marysvale	83.86	50	eP	P	17 40 09.1	+1.0
NB2	NORSAR Subarra	83.86	339	P	P	17 40 07.0	-0.5
NB2	NORSAR Subarra	83.86	339	P	P	17 40 07.0	-0.5
NOA	NORSAR Array B	83.86	339	P	P	17 40 07.5	+0.1
NOA	NORSAR Array B	83.86	339	P	P	17 40 07.5	+0.1
IRM	Iron Mountain	83.89	55	P	P	17 40 08.4	+0.2
BC3	Big Chucackaw	83.91	55	P	P	17 40 08.9	+0.6
IBP	Imperial Bould	83.91	56	P	P	17 40 08.6	+0.3
NB002	NORSAR Array S	83.97	339	eP	P	17 40 07.9	-0.1
SUW	Suwaki	84.06	329	eP	P	17 40 08.1	-0.4
SUW	Suwaki	84.06	329	eP	P	17 40 08.2	-0.3
TMUT	Trail Mountain	84.12	49	eP	P	17 40 10.2	+0.6
MALT	Malatya	84.20	310	eP	P	17 40 12.1	+2.4
MALT	Malatya	84.20	310	eP	P	17 40 11.6	+1.9
B25A	Knox Farm, Ray	84.21	38	P	P	17 40 09.7	+0.2
P17A	Butcher Ranch	84.35	48	eP	P	17 40 11.1	+0.5
URFA	Urfa	84.37	309	eP	P	17 40 12.1	+1.6
A26A	Waide Farm, Ken	84.46	37	P	P	17 40 10.7	0.0
C25A	Freed Ranch, W	84.48	38	P	P	17 40 10.9	+0.1
P12C	Blythe	84.55	55	P	P	17 40 11.5	+0.1
YDMC	Parker Dam, Lak	84.56	54	P	P	17 40 12.2	+0.7
B26A	Jensen Ranch,	84.66	38	P	P	17 40 11.7	0.0
GLA	Glamis	84.66	56	P	P	17 40 11.9	-0.2
SRU	San Rafael	84.68	49	eP	P	17 40 11.6	-0.6
SRU	San Rafael	84.68	49	eP	P	17 40 11.6	-0.6
D25A	Fairfield	84.76	39	P	P	17 40 12.8	+0.5
C26A	Wahner Farm, P	85.05	38	P	P	17 40 14.4	+0.7
B27A	Peters Farms,	85.17	37	P	P	17 40 15.8	+1.6
D26A	Manning	85.33	39	P	P	17 40 15.6	+0.5
F25A	Bowman	85.39	40	P	P	17 40 16.4	+0.9
A28A	Rude Farm, Bot	85.39	36	P	P	17 40 16.4	+1.0
C27A	Saylor Ranch,	85.44	38	P	P	17 40 16.8	+1.2
SFJD	Kangerlussuaq	85.50	5	iP	P	17 40 16.4	+0.9
SFJD	Kangerlussuaq	85.50	5	iP	P	17 40 16.4	+0.9
SFJD	Kangerlussuaq	85.50	5	iP	P	17 40 16.4	+0.9
SFJD	Kangerlussuaq	85.50	5	iP	P	17 40 16.4	+0.9
B28A	Dugan Ranch, T	85.62	37	P	P	17 40 17.8	+1.3
E26A	Carlson Angus	85.64	39	P	P	17 40 17.7	+1.0
O20A	White River Ci	85.65	47	P	P	17 40 18.2	+1.1
O20A	White River Ci	85.65	47	eP	P	17 40 17.2	+0.1
D27A	Center	85.79	38	P	P	17 40 18.5	+1.1
G25A	Newell	85.83	41	P	P	17 40 18.2	+0.5
PV09	Paradox Valley	85.92	49	eP	P	17 40 18.9	+0.3
WUAZ	Wupatki	85.92	52	eP	P	17 40 19.7	+1.2
WUAZ	Wupatki	85.92	52	eP	P	17 40 19.1	+0.6
WUAZ	Wupatki	85.92	52	eP	P	17 40 19.1	+0.6
A29A	Manning Farm,	85.93	36	P	P	17 40 19.1	+1.0
RAYN	Ar Rayn	86.01	294	P	P	17 40 19.0	0.0
RAYN	Ar Rayn	86.01	294	eP	P	17 40 17.4	-1.5
RAYN	Ar Rayn	86.01	294	eP	P	17 40 17.4	-1.5
H25A	Fruitdale	86.05	41	P	P	17 40 20.0	+1.2
RSSD	Black Hills	86.08	42	eP	P	17 40 19.4	+0.2
RSSD	Black Hills	86.08	42	eP	P	17 40 19.4	+0.2
RSSD	Black Hills	86.08	42	eP	P	17 40 19.4	+0.2
LEOM	Leovs	86.09	321	iP	P	17 40 19.9	+1.1
PV04	Paradox Valley	86.13	49	eP	P	17 40 20.0	+0.5
B29A	Wagenman Farm,	86.15	36	P	P	17 40 20.2	+1.1
PV05	Paradox Valley	86.17	49	eP	P	17 40 20.6	+0.9
F27A	Lenmon	86.24	40	P	P	17 40 20.8	+1.1
G26A	Maurine	86.24	40	P	P	17 40 20.7	+1.0
D28A	Regan	86.26	38	P	P	17 40 20.7	+1.0
LVV	L'vov	86.30	326	eP	P	17 40 19.2	-0.6
I25A	Rochford	86.31	42	P	P	17 40 21.0	+0.7
MDND	Madcock	86.39	37	P	P	17 40 21.3	+1.0
A30A	Hoffart Farm,	86.40	36	P	P	17 40 21.4	+1.0
PV01	Paradox Valley	86.49	48	eP	P	17 40 19.8	-1.5
TLOR	Paradox Valley	86.53	31	iP	P	17 40 21.7	+0.7
H26A	Fairpoint	86.53	41	P	P	17 40 21.9	+0.7
E28A	Huff	86.56	38	P	P	17 40 22.4	+1.1
BEL	Belsk	86.58	328	eP	P	17 40 22.0	+0.9
BEL	Belsk	86.58	328	eP	P	17 40 22.0	+0.9
G27A	Dupree	86.58	40	P	P	17 40 22.6	+1.2
J25A	Sunshine Ranch	86.63	42	P	P	17 40 22.3	+0.5
BRTR	Keskin Array B	86.65	313	P	P	17 40 21.6	-0.3
BRTR	Keskin Array B	86.65	313	P	P	17 40 21.7	-0.3
214A	Organ Pipe Nat	86.68	56	P	P	17 40 23.3	+1.2
B30A	Myrvik Farm, E	86.69	36	P	P	17 40 23.1	+1.3
N23A	Red Feather La	86.71	45	P	P	17 40 23.8	+1.4
N23A	Red Feather La	86.71	45	eP	P	17 40 23.3	+0.9
GIRR	Girov	86.77	322	iP	P	17 40 22.7	+0.5
PHWY	Pilot Hill	86.79	45	eP	P	17 40 23.3	+0.5
ULM	Lac du Bonnet	86.80	34	P	P	17 40 21.6	-0.7

ULM	Lac du Bonnet	86.80	34	eP	P	17 40 21.8	-0.5
ULM	Lac du Bonnet	86.80	34	eP	P	17 40 21.8	-0.5
I26A	New Underwood	86.82	41	P	P	17 40 23.7	+1.1
D29A	Pettibone, Tap	86.87	38	P	P	17 40 23.6	+0.9
H27A	Howes	86.93	41	P	P	17 40 24.2	+1.1
F28A	McLaughlin	86.94	39	P	P	17 40 24.3	+1.2
TESR	Tescani	86.96	322	iP	P	17 40 22.8	-0.3
A31A	Linda, St. Vin	86.98	35	P	P	17 40 23.6	+0.4
SMCO	Snowmass	86.99	47	eP	P	17 40 24.9	+0.9
MVCO	Mesa Verde	87.03	49	P	P	17 40 24.6	+0.6
MVCO	Mesa Verde	87.03	49	eP	P	17 40 24.5	+0.5
BURAR	Bucovina Array	87.06	323	iP	P	17 40 24.1	+0.4
BUR04	Bucovina Ar. S	87.06	323	eP	P	17 40 23.6	-0.1
B31A	Greenbush Farm	87.06	36	P	P	17 40 24.8	+1.2
C30A	Mesa Verde	87.08	37	P	P	17 40 24.7	+1.0
KWP	Kalwaria Pacla	87.08	326	eP	P	17 40 23.7	0.0
KWP	Kalwaria Pacla	87.08	326	eP	P	17 40 23.7	0.0
KWP	Kalwaria Pacla	87.08	326	iP	P	17 40 24.4	+0.7
J26A	Sides Ranch, S	87.11	42	P	P	17 40 25.0	+0.9
ANTO	Ankara	87.11	314	eP	P	17 40 23.8	-0.3
ANTO	Ankara	87.11	314	eP	P	17 40 23.8	-0.3
ANTO	Ankara	87.11	314	eP	P	17 40 23.8	-0.3
BR231	Keskin MP Arr	87.14	314	eP	P	17 40 22.0	-2.3
E29A	Napoleon	87.15	38	P	P	17 40 24.7	+0.7
GKP	Gork Kiasztor	87.20	331	eP	P	17 40 24.0	-0.1
GKP	Gork Kiasztor	87.20	331	eP	P	17 40 24.1	-0.1
I27A	Quinn	87.27	41	P	P	17 40 25.7	+0.9
D30A	Buchanan	87.30	37	P	P	17 40 25.6	+0.9
VRI	Vrincioia	87.30	321	iP	P	17 40 25.0	+0.2
G28A	Parade	87.33	40	P	P	17 40 25.9	+0.8
A32A	Rocking H Ranc	87.34	35	P	P	17 40 25.3	+0.3
PLOR	Plotina	87.36	321	iP	P	17 40 25.6	+0.5
C31A	Landman Farms,	87.36	321	eP	P	17 40 26.1	+0.8
F29A	Eureka	87.49	39	P	P	17 40 27.1	+1.3
H28A	Mission Ridge	87.51	40	P	P	17 40 27.1	+1.2
ISCO	Idaho Springs	87.53	46	eP	P	17 40 26.9	+0.5
ISCO	Idaho Springs	87.53	46	eP	P	17 40 27.2	+0.8
ISCO	Idaho Springs	87.53	46	eP	P	17 40 26.9	+0.5
E30A	Jud	87.59	38	P	P	17 40 26.9	+0.7
B32A	Ashes, Strandg	87.66	35	P	P	17 40 27.1	+0.6
MSAB	Manstry St. A	87.74	319	iP	P	17 40 27.4	+0.5
KOLS	Kolonice sedl	87.75	326	eP	P	17 40 27.0	+0.1
KOLS	Kolonice sedl	87.75	326	eP	P	17 40 27.0	+0.1
I28A	Midland	87.83	41	P	P	17 40 28.3	+0.9
S22A	4UR Ranch, Cre	87.86	48	eP	P	17 40 28.9	+0.8
S22A	4UR Ranch, Cre	87.86	48	eP	P	17 40 28.5	+0.4
D31A	Miclaflarin Tow	87.89	37	P	P	17 40 28.1	+0.5
A33A	Warrod	87.89	34	P	P	17 40 28.4	+0.9
F30A	Leola	87.93	38	P	P	17 40 28.5	+0.6
UZH	Uzhgorod	87.94	325	eP	P	17 40 23.8	-4.0
UZH	Uzhgorod	87.94	325	eP	P	17 40 27.6	+1.3
STHS	Stebnicka Huta	87.95	326	eP	P	17 40 29.2	+1.3
STHS	Stebnicka Huta	87.95	326	eP	P	17 40 29.2	+1.3
MLR	Muntele Ros	87.97	321	P	P	17 40 27.6	-0.6
MLR	Muntele Ros	87.97	321	P	P	17 40 27.6	-0.6
DOPR	Dopca	87.98	322	iP	P	17 40 28.6	+0.5
TUC	Tucson	87.98	55	eP	P	17 40 29.1	+0.7
TUC	Tucson	87.98	55	eP	P	17 40 29.1	+0.7
H29A	Onida	88.00	40	P	P	17 40 28.1	-0.2
AGMN	Agassiz Nation	88.06	35	P	P	17 40 28.8	+0.4
AGMN	Agassiz Nation	88.06	35	eP	P	17 40 28.4	0.0
AGMN	Agassiz Nation	88.06	35	eP	P	17 40 28.4	0.0
E31A	Nome	88.11	37	P	P	17 40 29.1	+0.4
OJC	Ojcow	88.12	328	eP	P	17 40 28.6	-0.1
OJC	Ojcow	88.12	328	eP	P	17 40 28.5	-0.1
OJC	Ojcow	88.12	328	eP	P	17 40 28.5	-0.1
OJC	Ojcow	88.12	328	eP	P	17 40 28.5	-0.1
J28A	Allard Ranch,	88.13	41	P	P	17 40 29.9	+0.9
Q24A	Divide	88.29	47	P	P	17 40 30.4	+0.3
G30A	Faultkon	88.30	39	P	P	17 40 30.1	+0.4
I29A	Vivian Onida	88.32	40	P	P	17 40 30.3	+0.6
ASF	Jabal al Asfar	88.41	306	P	P	17 40 31.0	+0.5
ASF	Jabal al Asfar	88.41	306	P	P	17 40 31.0	+0.5
NIE	Niedzica	88.41	327	eP	P	17 40 30.1	0.0
NIE	Niedzica	88.41	327	eP	P	17 40 30.2	+0.1
VOIR	Voiron	88.50	322	iP	P	17 40 31.1	+0.3
B34A	Aery, Baudette	88.56	34	P	P	17 40 31.8	+0.3
J29A	Okrek	88.67	41	P	P	17 40 31.4	+0.3
SDCO	Great Sand Dun	88.74	48	eP	P	17 40 32.4	+0.2
SDCO	Great Sand Dun	88.74	48				

24d 17h

Table with columns: ID, Name, Time, Distance, Direction, Status, etc. Includes entries like I35A Creekview Farm, MOX Moxa, H36A Jessenland, etc.

2010 DEC

Table with columns: ID, Name, Time, Distance, Direction, Status, etc. Includes entries like W31A Holland Ranch, N37A Lee Faris, JAVS Javornik, etc.

1402

Table with columns: ID, Name, Time, Distance, Direction, Status, etc. Includes entries like 332A Millersview, S39A Bolivar, 531A Rocksprings, etc.

Table with columns: PLCA, Paso Flores, 149.06 125, PKPbc, PKPdf, 17 47 24.0 +1.8, etc.

Table with columns: WRA, Warramunga Arr, 47.51 191, P, P, 17 36 59.4 +0.7, etc.

Table with columns: BRTR, Keskin Array B, 86.78 313, P, P, 17 41 08.4 +0.3, etc.

IDC 24 17:27:55.5.2.2.3817S.7545W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.8/24, mbtmp3.7/5, ML3.6/1, MS2.6/1, Ms1 2.0/1, ms1mx2.4/20, Error ellipse: s-maj=56.2km s-min=27.1km az=50.0, Off coast of Central Chile

Table with columns: STKA, Stephens Creek, 58.61 182, P, P, 17 38 20.6 +0.2, etc.

Table with columns: DPC, Dobruska-Polom, 89.81 329, eP, P, 17 41 23.3 +0.2, etc.

ISCJB 24 17:28:21.9.0.2.27.01N.0.05:143E.0.04, h10km, mb5.1/46, MS4.0/3, Error ellipse: s-maj=6.9km s-min=5.5km az=164.1

Table with columns: BRVK, Borovoye, 58.83 318, P, P, 17 38 18.2 -3.6, etc.

Table with columns: D35A, Remer, 89.92 35, P, P, 17 41 22.9 +0.2, etc.

IDC 24 17:28:22.0.0.5.27.06N.143.39E, h0km, mb5.0/23, mb1 5.1/25, mb1mx5.0/37, mbtmp5.0/25, ML3.8/2, MS4.1/3, Ms1 4.1/3, ms1mx3.7/13, Error ellipse: s-maj=18.7km s-min=14.6km az=78.0

Table with columns: YKA, Yellowknife Arr, 71.71 29, P, P, 17 39 47.7 -0.4, etc.

Table with columns: K34A, Le Mars, 91.67 39, P, P, 17 41 31.0 +0.1, etc.

MOS 24 17:28:21.6.1.1.27.03N.143.31E, h10km, mb5.2/29, Error ellipse: s-maj=13.9km s-min=7.5km az=106.3

Table with columns: YKA, Yellowknife Arr, 71.71 29, P, P, 17 39 44.7 -0.4, etc.

Table with columns: K35A, Storm Lake, 92.14 39, P, P, 17 41 32.7 -0.3, etc.

NEIC 24 17:28:23.2.0.2.27.04N.143.31E, h10km, mb5.3/21, Error ellipse: s-maj=5.8km s-min=5.5km az=149.0

Table with columns: YKA, Yellowknife Arr, 71.71 29, P, P, 17 39 45.6 -0.3, etc.

Table with columns: K36A, Seneca I, Swea, 92.24 38, P, P, 17 41 33.2 -0.3, etc.

ISC 24 17:28:23.2.0.4.27.04N.0.06:143.32E.0.06, h10km, n219, +0.86/212, mb5.2/46, MS4.0/3, Bonin Islands region

Table with columns: YKA, Yellowknife Arr, 71.71 29, P, P, 17 39 45.6 -0.3, etc.

Table with columns: K37A, Belmont, 92.99 38, P, P, 17 41 37.6 +0.6, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, Op, ISC, h, m, s, ISC

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, Op, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

IDC 24 17:38:18.1-1.2, 26.95N:143.33E, h0km, mb3.7/7, mb1 3.9/6, mb1mx3.6/39, mbmp3.7/6, ML3.5/1, Error ellipse: s-maj=29.2km s-min=18.7km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

IDC 24 17:40:42.6-0.6, 27.03N:143.48E, h0km, mb3.7/13, Error ellipse: s-maj=11.7km s-min=9.9km az=7.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

IDC 24 17:40:45.3-1.2, 27.10N:143.39E, h0km, n18, r15/16, mb3.6/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

IDC 24 17:43:16.1-0.7, 27.02N:143.41E, h0km, mb3.9/11, mb1 4.1/4, mb1mx3.9/41, mbmp3.9/14, ML3.4/3, Error ellipse: s-maj=21.0km s-min=14.8km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

IDC 24 17:43:20.0-0.6, 27.42N:143.27E, h0km, h33km, mb4.0/14, Error ellipse: s-maj=7.8km s-min=4.2km az=27.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 532A, LSZ, MATP, LBTB, TORD, BOSA, BOSB, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK, YHNB, KLR, CMAR, WRAB, WRA, FITZ, MKAR, ASAR, KURK, SML, EK2S, STKA, INK, YKA, FINES, FFC, AKAS, PDAR, RAYN, LPAZ, etc.

IDC 24 17:43:40.8-0.6, 67.68N:0.04-20.4E, h0km, Error ellipse: s-maj=5.8km s-min=4.9km az=29.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK, YHNB, KLR, CMAR, WRAB, WRA, FITZ, MKAR, ASAR, KURK, SML, EK2S, STKA, INK, YKA, FINES, FFC, AKAS, PDAR, RAYN, LPAZ, etc.

IDC 24 17:43:42.9-0.8, 67.77N:0.04-20.38E, h0km, n33, r14/50, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK, YHNB, KLR, CMAR, WRAB, WRA, FITZ, MKAR, ASAR, KURK, SML, EK2S, STKA, INK, YKA, FINES, FFC, AKAS, PDAR, RAYN, LPAZ, etc.

IDC 24 17:43:42.9-0.8, 67.77N:0.04-20.38E, h0km, n33, r14/50, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK, YHNB, KLR, CMAR, WRAB, WRA, FITZ, MKAR, ASAR, KURK, SML, EK2S, STKA, INK, YKA, FINES, FFC, AKAS, PDAR, RAYN, LPAZ, etc.

IDC 24 17:43:42.9-0.8, 67.77N:0.04-20.38E, h0km, n33, r14/50, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK, YHNB, KLR, CMAR, WRAB, WRA, FITZ, MKAR, ASAR, KURK, SML, EK2S, STKA, INK, YKA, FINES, FFC, AKAS, PDAR, RAYN, LPAZ, etc.

IDC 24 17:43:42.9-0.8, 67.77N:0.04-20.38E, h0km, n33, r14/50, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, MJAR, SONM, WRA, ASAR, MKAR, YKA, etc.

ISK 24 17:55:05.4, 36.14N:31.23E, h10km, MD3.6, DDA 24 17:55:06.7, 36.18N:31.16E, h28km, MD3.6, ISCBJ 24 17:55:07.3, 36.10N:0.02-31.20E, h28km, gkm, Error ellipse: s-maj=4.4km s-min=2.5km az=29.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:08.2, 36.27N:31.12E, h33km, 24km, ML2.8, NSCC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANTB, GAZI, KORT, KORT, ELL, ELL, AKAS, AKAS, AKAS, SUTC, SUTC, AKMC, AKMC, etc.

IDC 24 17:55:09.0, 1.5, 36.28N:31.09E, h5km, 27km, ML2.3

24d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like H1S1 WAKE ISLAND Hy 29.16, URZ Urewera 29.32, MILA Mila 29.92, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CN2 Changchun 65.31, IPM Ipoh 65.75, SKNT Sakolnakorn 66.29, etc.

1406

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like GTA comp=Z,300nm,12.1s, GTA comp=Z,230nm,15.2s, BILL Bilibino 78.64, etc.

24d 18h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Y36A, SMRT, CPCT, Z34A, KMSC, etc.

2010 DEC

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like U34A, MSTX, T36A, S39A, T35A, etc.

1408

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TUC, TUCSON, TUCSA, T35A, etc.

I30A	Oacoma	34.06 344	P	P	18 51 34.5 -0.4
IBP	Imperial Bould	34.10 313	P	P	18 51 35.7 +0.2
H32A	Carlson Farm	34.11 346	P	P	18 51 34.6 -0.8
G36A	St. Michael	34.12 351	P	P	18 51 35.5 +0.1
H33A	Pfehn Over Nor	34.13 347	P	P	18 51 34.9 -0.5
J28A	Allard Ranch,	34.15 341	P	P	18 51 35.9 +0.2
BC3	Big Chuckawack	34.17 315	P	P	18 51 36.4 +0.2
O20A	White River Ci	34.20 330	P	P	18 51 36.4 0.0
O20A	White River Ci	34.20 330	eP	P	18 51 37.1 +0.7
J27A	Elkhorn Farm,	34.24 340	P	P	18 51 37.0 +0.4
IRM	Iron Mountain	34.25 316	P	P	18 51 36.9 +0.3
I29A	Vivian Onida	34.41 343	P	P	18 51 38.1 +0.2
SUSD	South Dakota S	34.43 345	P	P	18 51 37.7 -0.4
G34A	Benson	34.45 349	P	P	18 51 37.5 -0.7
PLVO	Plevna	34.46 12	eP	P	18 51 39.0 +0.7
MDV	Midlebury	34.47 18	eP	P	18 51 39.1 +0.7
PTN	Potsdam (NY)	34.50 15	eP	P	18 51 39.2 +0.6
PTN	Potsdam (NY)	34.50 15	eP	P	18 51 39.2 +0.6
G33A	Ortonville	34.56 348	P	P	18 51 38.5 -0.7
SRU	San Rafael	34.61 327	eP	P	18 51 38.6 -1.3
SRU	San Rafael	34.61 327	eP	P	18 51 38.5 -1.3
I28A	Midland	34.65 342	P	P	18 51 40.1 +0.1
LONY	Lake Ozonia	34.65 16	eP	P	18 51 40.5 +0.6
J26A	Sides Ranch, S	34.66 339	P	P	18 51 40.5 +0.3
F36A	Milaca	34.70 352	P	P	18 51 39.4 -1.0
BELC	Belle Mtn. Jos	34.74 315	P	P	18 51 41.1 0.0
P18A	Preston Nutter	34.83 328	eP	P	18 51 43.0 +1.0
G32A	Webster	34.84 347	P	P	18 51 41.3 -0.3
PFO	Pinyon Flat Ob	34.85 314	eP	P	18 51 42.5 +0.4
PFO	Pinyon Flat Ob	34.85 314	eP	P	18 51 42.1 +0.1
PFO	Pinyon Flat Ob	34.85 314	eP	P	18 51 42.5 +0.4
F35A	Swanville	34.86 351	P	P	18 51 41.2 -0.5
F34A	Alexandria	34.91 350	P	P	18 51 41.6 -0.6
GMRC	Granite Mounta	34.94 316	P	P	18 51 42.8 0.0
DNR	Dunn Ranch, Anz	34.95 314	eP	P	18 51 47.6 +2.9
P17A	Butcher Ranch,	34.98 327	eP	P	18 51 43.3 +0.2
I27A	Quinn	34.99 341	P	P	18 51 43.3 +0.3
G30A	Faulkton	35.12 345	P	P	18 51 43.5 -0.5
F33A	5 Mile Ranch	35.15 349	P	P	18 51 43.3 -0.9
CCUT	Cedar City	35.16 322	eP	P	18 51 35.1 -1.0
H28A	Mission Ridge	35.22 342	P	P	18 51 44.6 -0.2
E36A	McGregor	35.31 352	P	P	18 51 44.8 -0.8
MURC	Murrieta	35.38 313	P	P	18 51 46.7 +0.3
G29A	Hoven	35.38 344	P	P	18 51 45.7 -0.5
HEC	Hector, Ludlow	35.43 316	P	P	18 51 47.1 +0.2
K22A	Casper	35.43 335	P	P	18 51 47.3 +0.4
H27A	Howes	35.50 341	P	P	18 51 47.6 +0.3
I25A	Rochford	35.51 339	P	P	18 51 47.6 0.0
E35A	Pequot Lakes	35.51 351	P	P	18 51 47.0 -0.3
G28A	Parade	35.55 343	P	P	18 51 47.6 -0.2
E34A	Wadena	35.59 350	P	P	18 51 47.6 -0.5
RSSD	Black Hills	35.71 339	eP	P	18 51 50.0 +0.7
RSSD	Black Hills	35.71 339	eP	P	18 51 50.0 +0.7
RSSD	Black Hills	35.71 339	eP	P	18 51 50.0 +0.7
RSSD	Black Hills	35.71 339	eP	P	18 51 50.0 +0.7
H26A	Fairpoint	35.71 340	P	P	18 51 49.1 0.0
E33A	Westby DABS, E	35.73 349	P	P	18 51 48.4 -0.8
D37A	Cotton	35.84 354	P	P	18 51 49.6 -0.6
MPU	Maple Canyon	35.85 327	eP	P	18 51 50.8 +0.2
F29A	Eureka	35.95 345	P	P	18 51 50.2 -1.0
D36A	Goodland	35.95 353	P	P	18 51 50.2 -1.0
D35A	Remer	35.97 352	P	P	18 51 50.3 -1.0
GSC	Goldstone	36.02 316	eP	P	18 51 54.9 +3.0
GSC	Goldstone	36.02 316	eP	P	18 51 52.5 +0.5
GSC	Goldstone	36.02 316	eP	P	18 51 54.9 +3.0
GSC	Goldstone	36.02 316	eP	P	18 51 52.5 +0.5
BFSO	Mount Baldy Ra	36.03 314	P	P	18 51 52.4 +0.2
BFSO	Mount Baldy Ra	36.03 314	eP	P	18 51 53.6 +1.4
NLU	North Lily Min	36.05 326	eP	P	18 51 46.5 -5.8
G27A	Dupree	36.13 342	P	P	18 51 52.8 +0.1
CIS	Catalina Islan	36.15 312	P	P	18 51 53.2 +0.2
E31A	Nome	36.16 347	P	P	18 51 52.6 -0.4
G26A	Maurine	36.26 341	P	P	18 51 53.9 +0.1
C39A	Grand Marais	36.30 356	P	P	18 51 52.9 -1.2
MWC	Mount Wilson	36.31 314	eP	P	18 51 55.0 +0.4
MWC	Mount Wilson	36.31 314	eP	P	18 51 55.0 +0.4
MWC	Mount Wilson	36.31 314	eP	P	18 51 55.0 +0.4
D33A	AnnSam, Waubun	36.32 350	P	P	18 51 53.7 -0.6
E30A	Jud	36.34 346	P	P	18 51 53.7 -0.8
PASC	Padadena Art C	36.37 313	eP	P	18 51 55.0 +0.1
CTU	Camp Tracy	36.40 327	eP	P	18 51 54.6 -0.6
EYMN	Ely	36.53 355	eP	P	18 51 54.2 -1.9
C35A	Jirik Farms, M	36.57 352	P	P	18 51 55.5 -0.9
TPNV	Topopah Spring	36.59 319	eP	P	18 51 57.8 +0.9
TPNV	Topopah Spring	36.59 319	eP	P	18 51 57.1 +0.2
TPNV	Topopah Spring	36.59 319	eP	P	18 51 57.8 +0.9

D31A	Mcclellin, Tom	36.59 348	P	P	18 51 55.7 -0.9
EDW2	Edwards Air Fo	36.60 315	P	P	18 51 56.9 0.0
DUG	Dugway	36.62 326	eP	P	18 51 57.6 +0.5
DUG	Dugway	36.62 326	eP	P	18 51 57.2 +0.1
DUG	Dugway	36.62 326	eP	P	18 51 57.6 +0.5
C34A	RKJ Ranch, Bem	36.66 351	P	P	18 51 56.3 -0.8
LRMC	Laurel Mountai	36.71 316	P	P	18 51 58.4 +0.4
PKME	Peaks-Kenny Pk	36.86 21	eP	P	18 51 59.7 +0.9
PDAR	Pinedale Array	36.86 332	eP	P	18 51 58.6 -0.6
PDAR	Pinedale Array	36.86 332	eP	P	18 51 58.6 -0.6
BW06	Boulder Array	36.86 332	eP	P	18 51 58.5 -0.8
BW06	Boulder Array	36.86 332	eP	P	18 51 58.5 -0.8
D30A	Buchanan	36.88 346	P	P	18 51 58.7 -0.3
MPMC	Manual Prospec	36.90 317	P	P	18 51 59.6 0.0
HWUT	Hardware Ranch	36.97 329	eP	P	18 52 00.5 +0.4
HWUT	Hardware Ranch	36.97 329	eP	P	18 52 00.5 +0.4
OSI	Osito Adit	36.98 314	eP	P	18 52 00.4 +0.2
R11A	Troy Canyon, C	37.02 321	P	P	18 52 00.7 +0.2
R11A	Troy Canyon, C	37.02 321	eP	P	18 52 03.4 +2.8
D29A	Pettibone, Tap	37.03 346	P	P	18 51 59.8 -0.5
DAC	Darwin (Calif)	37.09 317	eP	P	18 52 25.1 +4.0
WCHM	Chimney Peak	37.20 316	eP	P	18 54 00.3 -1.9
BGU	Big Grassy Mou	37.25 327	eP	P	18 52 02.6 +0.2
C31A	Landman Farms	37.30 348	P	P	18 52 01.9 -0.7
BSC	Santa Cruz Isl	37.33 312	P	P	18 52 03.2 +0.2
C30A	Mose, Pekin	37.38 347	P	P	18 52 02.8 -0.5
D28A	Regan	37.40 345	P	P	18 52 03.5 0.0
B34A	Aery, Baudette	37.43 351	P	P	18 52 02.9 -0.8
AGMN	Agassiz Nation	37.44 350	P	P	18 52 03.2 -0.5
AGMN	Agassiz Nation	37.44 350	eP	P	18 52 02.6 -1.1
AGMN	Agassiz Nation	37.44 350	eP	P	18 52 02.6 -1.1
D27A	Center	37.58 344	eP	P	18 54 22.4 +0.8
AHID	Auburn Hatcher	37.59 330	eP	P	18 52 05.5 +0.1
B32A	Ashes, Strandg	37.65 349	P	P	18 52 04.9 -0.7
HVU	Hansel Valley	37.72 328	eP	P	18 52 06.1 -0.3
HVU	Hansel Valley	37.72 328	eP	P	18 52 06.1 -0.3
D26A	Manning	37.77 343	P	P	18 52 06.1 -0.5
MDND	Maddock	37.77 346	P	P	18 52 05.9 -0.7
MDND	Maddock	37.77 346	eP	P	18 52 05.7 -0.9
PKM	Peak Mountain	37.90 313	P	P	18 52 07.7 -0.4
REDW	Red Top Meadov	37.93 331	eP	P	18 52 08.2 -0.1
SNOW	Snow King Moun	37.96 331	eP	P	18 52 08.6 +0.1
A33A	Warroad	37.98 351	P	P	18 52 07.8 -0.5
LOHW	Long Hollow	38.00 332	eP	P	18 52 08.5 -0.4
B30A	Myrvik Farm, E	38.05 348	P	P	18 52 08.3 -0.6
C27A	Saylor Ranch,	38.13 344	P	P	18 52 09.2 -0.4
A32A	Rocking H Ranc	38.15 350	P	P	18 52 08.7 -1.0
MOOV	Moore Ponds	38.17 332	eP	P	18 52 09.9 -0.4
LVC	Limon Verde	38.21 153	eP	P	18 52 10.3 -0.5
FXWY	Fox Creek	38.22 331	eP	P	18 52 10.3 -0.4
SMMC	Simmer	38.24 314	P	P	18 52 10.8 +0.1
B29A	Wagenman Farm,	38.29 347	P	P	18 52 10.6 -0.3
ELK	Elko	38.35 324	eP	P	18 52 12.2 +0.3
ELK	Elko	38.35 324	eP	P	18 52 12.2 +0.3
C26A	Wahne Farm, P	38.39 343	P	P	18 52 12.2 +0.4
FLWY	Flagg Ranch	38.41 332	eP	P	18 52 12.8 +0.6
A30A	Hoffa Farm,	38.51 348	P	P	18 52 12.0 -0.8
B28A	Dugan Ranch, T	38.51 346	P	P	18 52 13.0 +0.2
RLMT	Red Lodge	38.59 334	P	P	18 52 13.7 -0.1
A29A	Manning Farm,	38.69 347	P	P	18 52 14.2 -0.2
YFT	Old Faithful	38.75 332	eP	P	18 52 16.3 +1.1
YFT	Old Faithful	38.75 332	eP	P	18 52 16.3 +1.1
NV01	Mina Array Sit	38.77 319	eP	P	18 54 28.7 +2.7
NV01	Mina Array Sit	38.77 319	eP	P	18 52 16.4 +1.0
NVAR	Mina Array Bea	38.77 319	eP	P	18 54 27.5 +1.3
NVAR	Mina Array Bea	38.77 319	eP	P	18 52 15.5 +0.1
NVAR	Mina Array Bea	38.77 319	eP	P	18 54 26.5 +0.3
YMR	Madison River	38.98 332	eP	P	18 52 17.7 +0.6
GMCT	Greycliff	39.30 335	eP	P	18 52 19.1 -0.5
BMN	Battle Mountai	39.31 323	eP	P	18 52 20.4 +0.6
BMN	Battle Mountai	39.31 323	eP	P	18 52 20.4 +0.6
ULM	Lac du Bonnet	39.34 351	P	P	18 52 18.1 -1.5
ULM	Lac du Bonnet	39.34 351	eP	P	18 52 18.0 -1.7
ULM	Lac du Bonnet	39.34 351	eP	P	18 52 18.0 -1.7
ULM	Lac du Bonnet	39.34 351	eP	P	18 52 17.9 -1.7
D26A	Wade Farm, Ken	39.35 344	P	P	18 52 20.2 +0.3
AGMT	Dagmar	39.59 342	P	P	18 52 22.2 +0.4
DGMT	Dagmar	39.59 342	eP	P	18 52 21.2 -0.6
A25A	Svangstu Ranch	39.69 343	P	P	18 52 22.8 +0.1
HLID	Hailey	39.83 328	P	P	18 52 24.5 +0.4
HLID	Hailey	39.83 328	eP	P	18 52 23.4 -0.7
MCMT	McKenzie Canyo	39.98 331	eP	P	18 52 26.2 +0.8
BOZ	Bozeman (W)	40.03 333	eP	P	18 52 25.8 +0.1
BOZ	Bozeman (W)	40.03 333	eP	P	18 52 26.1 +0.3
BOZ	Bozeman (W)	40.			

1411

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, LPAZ La Paz, and MEX 24 19:28:21.6, 18:20km, 103:49W, h5km, MD3.7, Near coast of Michoacan.

NIED 24 19:40:00, 27.40N, 143.60E, h5km, Mw4.4 Best double couple.
MOS 24 19:40:52.7, 0.2, 27.19N, 143.45E, h0km, mb4.3/28, mb1.4, 5.32, mb1mx4.4/48, mbtmp4.3/32, ML4, 1/3, MS3.6/9, Ms1.3/7.9, ms1mx3.3/41, Error ellipse: s-maj=12.6km s-min=10.9km az=94.0

ISCJ 24 19:40:54.0, 2.0, 27.46N, 143.35E, h10km, mb4.5/48, MS3.9/5, Error ellipse: s-maj=5.2km s-min=3.6km az=44.0

JMA 24 19:40:54.4, 0.2, 27.35N, 143.57E, h41km, M4.8
NEIC 24 19:40:54.5, 0.2, 27.16N, 143.40E, h10km, mb4.9/19, MW4.4(NIED), Error ellipse: s-maj=5.8km s-min=5.3km az=115.0

BUI 24 19:40:55.3, 27.14N, 143.18E, h17km, mb4.6/29, MB5.0/25, JHU Ms4.7/12, Ms7.4/3/11

ISC 24 19:40:54.6, 0.4, 27.21N, 143.45E, h10km, n178, s1259/186, mb4.7/49, MS3.9/5, 5C-3D, Bonin Islands region

Main table for 1411 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, MAJO Matsushiro, JOW Guam, KSRS Korea Array, ASAJ Asahikawa, USRK Ussuriysk Ar., etc.

2010 DEC

Main table for 2010 DEC with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULN Ulanbaatar, SONM Songino Array, YAK Yakutsk, KMI Kuning, etc.

24d 19h

Main table for 24d 19h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COLA College, ILAR Eielson Array, ILAR Eielson Array, AAK Ala-Archa, etc.

ISCJ 24 19:43:42.0, 1.8, 0:23S, 129:67E, h0km, mb3.8/4, mb1.4/1.4, mb1mx3.5/39, mbtmp3.9/4, MS3.8/2, Ms1.3/8.2, ms1mx2.9/31, Error ellipse: s-maj=117.0km s-min=23.3km az=60.0
ISCJ 24 19:43:42.8, 1.2, 0:1N, 0:1E, 129:53E, h0.06, h33km, mb4.0/3,

Table with 5 columns: DURS, Dursunbey, 1.89, 66, P, Pn, 20 24 02.1 +0.4

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDD 24 20:32:34.1 S, 5.3, 12S:138:14E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.4/36, mbtmp3.5/3, ML3.9/2, Error ellipse: s-maj=36.7km s-min=29.0km az=101.0, lrian Jaya

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

DDA 24 20:35:24.8, 38:93N:26:25E, h18km, Md3.0, ATH 24 20:35:24.5, 38:99N:26:29E, h29km, 1.0km, MD2.8/3

ISCJB 24 20:35:25.2, 0.5, 38:93N:02:26:26E:0.04, h6km, 4km, Error ellipse: s-maj=5.0km s-min=3.1km az=156.0

ISK 24 20:35:25.4, 38:94N:26:29E, h8km, MD2.5, CSEM 24 20:35:25.0, 1.38:92N:26:29E, h5km, MD2.8, Error ellipse: s-maj=2.0km s-min=1.7km az=56.0

ISC 24 20:35:25.3, 0.9, 38:94N:02:26:28E:0.02, h16km, 8km, n42, c050/65, Aegean Sea

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 24 20:38:27.6, 0.8, 26:8N:01:143:57E:0.06, h10km, mb3.5/6, Error ellipse: s-maj=15.3km s-min=7.7km az=3.1

IDD 24 20:38:27.8, 1.0, 26:73N:143:46E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.5/39, mbtmp3.6/7, ML3.7/1, Error ellipse: s-maj=27.5km s-min=19.6km az=84.0

JMA 24 20:38:28.9, 0.1, 27:06N:143:53E, h13km, M3.6, ISC 24 20:38:29.6, 1.0, 26:8N:01:143:44E:0.07, h10km, n10, c128/13, mb3.4/6, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDD 24 20:38:35.6, 3.1, 26:77N:143:85E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.5/39, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=61.6km s-min=38.9km az=149.0

ISC 24 20:38:38.1, 2.3, 26:9N:02:143:7E:0.3, h10km, n7, c1516/7, mb3.6/6, Bonin Islands region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

IDD 24 20:39:11.5, 0.7, 25:54N:141:39E, h0km, mb3.8/11, mb1 4.0/11, mb1mx3.8/37, mbtmp3.8/11, Error ellipse: s-maj=25.9km s-min=15.2km az=108.0

ISCJB 24 20:39:15.0, 0.5, 25:44N:0:05:141:50E:0.08, h35km, mb4.0/15, Error ellipse: s-maj=11.7km s-min=6.3km az=27.5

NEIC 24 20:39:17.7, 2.1, 25:56N:141:44E, h46km, 20km, mb4.7/4, Error ellipse: s-maj=17.1km s-min=13.9km az=80.0

ISC 24 20:39:16.7, 0.7, 25:50N:0:09:141:5E:0.1, h35km, n35, c1507/29, mb4.0/15, Volcano Islands region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

DDA 24 20:49:33.9, 37:91N:29:06E, h6km, Md2.7, ISK 24 20:49:34.7, 37:94N:28:95E, h3km, MD2.5

CSEM 24 20:49:35.2, 0.3, 37:93N:29:03E, h10km, MD2.5, Error ellipse: s-maj=8.0km s-min=5.2km az=123.0

ISC 24 20:49:35.1, 0.9, 37:95N:0:03:29:02E:0.04, h10km, 8km, n21, c059/34, Turkey

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISK 24 20:49:46.3, 36:63N:36:54E, h22km, MD2.5, ISCJB 24 20:49:48.0, 0.4, 36:68N:0:02:36:40E:0.03, h3km, 4km, Error ellipse: s-maj=3.7km s-min=2.9km az=18.6

DDA 24 20:49:48.3, 36:68N:36:42E, h7km, Md2.9, CSEM 24 20:49:48.4, 0.2, 36:69N:36:40E, h5km, ML1.8, Error ellipse: s-maj=4.5km s-min=3.8km az=102.0

NSCC 24 20:49:50.2, 0.3, 36:55N:36:53E, h2km, 1km, ML1.8, ISC 24 20:49:48.2, 0.3, 36:68N:0:02:36:44E:0.02, h12km, 7km, n36, c074/63, Jordan-Syria region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

1415

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, CD2 Chengdu, ULN Ulanbaatar, etc.

2010 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, KIV Kislovodsk, NVAR Mina Array Bay, etc.

24d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG Port Moresby, WRA Warrungunga Arr, MKAR Makanchi Array, etc.

24d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, MLY Manley, POHA Pohakuloa, etc.

ISC 24 22:15:54.1±0.5, 27:12N:143:55E, h0km, mb4.2/25, mb1.4/4.28, mb1mx4.2/53, mbtmp4.2/28, ML3.6/3, Error ellipse: s-maj=14.4km s-min=13.4km az=112.0

NEIC 24 22:15:55.7±0.2, 27:13N:143:51E, h10km, mb4.3/19, Error ellipse: s-maj=5.3km s-min=4.9km az=172.0

JMA 24 22:15:57.2±0.1, 27:30N:143:54E, h46km, M3.6, ISCBJ 24 22:15:58.6±0.4, 27:39N:0.05:143:41E:0.5, h33km, mb4.3/43, Error ellipse: s-maj=7.2km s-min=5.1km az=145.4

ISC 24 22:15:59.8±0.5, 27:28N:0.06:143:41E:0.07, h35km, n66, s1272/11, mb4.2/43, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, MDJ Mudanjiang, MA2 Magadan, etc.

NIED 24 22:24:00.27:20N:144:00E, h8km, Mw4.4 Best double couple: M=5.2600e+19, N1=1.015, N2=0.331, 0.0000°, 0.32, 0.0000°, 1.84, 0.0000°, NP2=156.0000°, 858.0000°, 1.88, 0.0000°

BUI 24 22:24:13.6±26.49N:144:30E, h9km, mb4.7/50, mb5.1/35, Ms4.7/19, Ms7.4/320

ISCBJ 24 22:24:16.7±1.3, 26:79N:0.04:143:99E:0.02, h7km, m7km, mb4.8/158, MS3.9/12, Error ellipse: s-maj=6.1km s-min=3.4km az=175.7

IDC 24 22:24:17.2±0.4, 26:80N:144:01E, h0km, mb4.6/33, mb1.4/7.37, mb1mx4.6/56, mbtmp4.6/37, ML3.9/3, MS3.6/14, Ms1.3/6.14, ms1mx3.4/42, Error ellipse: s-maj=13.0km s-min=10.4km az=78.0

MOS 24 22:24:17.1±1.0, 26:74N:143:99E, h11km, mb5.0/80, Error ellipse: s-maj=8.2km s-min=5.2km az=104.2

NEIC 24 22:24:18.9±0.1, 26:79N:143:94E, h10km, mb4.9/108, MW4.4(NIED), Error ellipse: s-maj=3.9km s-min=3.2km az=159.0

JMA 24 22:24:18.9±0.1, 27:19N:143:96E, h12km, M4.3

ISC 24 22:24:18.3±0.5, 26:83N:0.05:143:97E:0.04, h7km, 2km, h7km, p11C-7D, h7km, p11C, N481, s11911499, mb4.9/28, MS4.0/11

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Code Station Name, Az, Phase ID, Time, Res, ISC.

1418

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAJO comp=Z,87nm,2.5s, MAJO Matushiro, MAJO Matushiro, MAJAT Matushiro, etc.

24d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GNI, HLID, PKM, LRM, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like IRM, IBP, BC3, SWSC, etc.

1420

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BR231, F30A, A33A, etc.

Additional information and notes at the bottom right of the page, including station identifiers and technical parameters.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like G05D, AKTO, TRIT, I05D, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like RSSD, NB2, NOA, NOA, MSVF, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like AMTX, LANS, UPIC, O37A, DPC, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Mertzong, Moragy, Moragy, Moragy, Moragy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like IPOC Station P, Humberstone, IPOC Station P, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Punta Cana, DR, SABA, SABA, SABA, etc.

WES	Weston	24.44 331	eP	P	23 48 53.6 +0.5	U36A	Oologah	31.70 311	P	P	23 49 57.5 -0.4	L37A	Phoenix Point,	33.42 321	P	P	23 50 12.8 -0.2
SSPA	Standing Stone	24.48 358	eP	P	23 48 54.2 +0.7	S37A	Fort Scott	31.71 314	P	P	23 49 57.8 -0.3	U33A	Lingo Farm, Me	33.45 309	P	P	23 50 12.7 -0.6
VBMS	Vicksburg	25.97 307	eP	P	23 49 11.5 +4.4	334A	Loma	31.77 300	P	P	23 49 58.4 -0.3	Y32A	F V Farms, Ver	33.56 304	P	P	23 50 13.4 -0.9
VBMS	Vicksburg	25.97 307	eP	P	23 49 10.6 +3.5	X35A	Drake	31.79 306	P	P	23 49 58.3 -0.5	431A	Sonora	33.57 298	P	P	23 50 13.6 -0.9
WVT	Waverly	26.14 317	eP	P	23 49 08.1 -0.5	933A	Laredo	31.80 293	P	P	23 49 58.3 -0.8	331A	San Angelo	33.57 299	P	P	23 50 13.6 -0.8
WVT	Waverly	26.14 317	eP	P	23 49 08.1 -0.5	P38A	Dawn	31.83 318	P	P	23 49 58.7 -0.4	X35A	Elmer	33.58 305	P	P	23 50 13.7 -0.7
ACSO	Alum Creek Sta	26.27 330	eP	P	23 49 09.9 +0.2	NNA	Nana	31.85 200	P	P	23 49 59.6 +0.1	KSU1	Kansas State U	33.59 315	P	P	23 50 13.7 -0.7
OXF	Oxford	26.28 313	eP	P	23 49 10.0 +0.1	NNA	Nana	31.85 200	eP	P	00 06 05.3	KSU1	Kansas State U	33.59 315	eP	P	23 50 13.8 -0.7
OXF	Oxford	26.28 313	eP	P	23 49 10.0 +0.1	NNA	Nana	31.85 200	eP	P	23 49 59.7 +0.1	231A	Bronze	33.64 300	P	P	23 50 14.2 -0.9
UTMT	University of	26.93 317	eP	P	23 49 16.5 +0.8	NNA	Nana	31.85 200	eP	P	23 49 59.2 -0.3	R34A	Bella Hill	33.64 313	P	P	23 50 14.4 -0.5
SAML	Samuel	27.20 174	eP	P	23 49 18.2 -0.1	234A	Nana	31.85 200	eP	P	23 49 59.6 +0.1	COWI	Conover	33.65 331	eP	P	23 50 15.4 +0.5
PTN	Potsdam (NY)	27.25 346	eP	P	23 49 18.8 +0.3	N39A	Derby Farms, D	31.92 320	P	P	23 49 58.8 -0.9	M36A	Felix, Anita	33.66 319	P	P	23 50 14.9 -0.1
PTN	Potsdam (NY)	27.25 346	eP	P	23 49 18.8 +0.3	JFWS	Jewell Farm	31.94 325	eP	P	23 50 00.3 +0.3	O35A	Humboldt	33.72 317	P	P	23 50 14.7 -0.8
PARMO	Parma	27.70 316	eP	P	23 49 22.9 +0.3	JFWS	Jewell Farm	31.94 325	eP	P	23 50 00.3 +0.3	Q34A	Chapman	33.73 314	P	P	23 50 15.2 -0.4
OLIL	Olney	27.94 321	eP	P	23 49 25.3 +0.7	R37A	Teagarden Farm	31.99 315	P	P	23 50 00.0 -0.5	K37A	Belmond	33.74 322	P	P	23 50 15.5 -0.3
ATAH	Atahualpa	27.98 207	P	P	23 49 27.4 +1.6	W35A	Tecumseh	32.01 308	P	P	23 49 60.0 -0.7	W32A	Sentinel	33.80 306	P	P	23 50 15.8 -0.5
ATAH	Atahualpa	27.98 207	P	P	23 49 27.4 +1.6	134A	White-Moore Ra	32.02 303	P	P	23 49 59.9 -1.0	I38A	Scanlan Farm,	33.82 325	P	P	23 50 16.1 -0.2
SIUC	Southern Illinois	27.98 319	eP	P	23 49 25.7 +0.7	Q37A	Longview Farm,	32.03 316	P	P	23 50 00.4 -0.5	N35A	Tabor	33.86 318	P	P	23 50 16.6 -0.2
PBMO	Poplar Bluff	28.21 316	eP	P	23 49 26.9 -0.3	733A	Divot King Ran	32.03 295	P	P	23 50 00.2 -0.7	V32A	Arapahoe	33.86 308	P	P	23 50 16.5 -0.4
340A	Gronson	28.28 303	P	P	23 49 28.6 +0.8	833A	Chaparral WMA,	32.04 294	P	P	23 50 00.1 -1.0	Z31A	Sharp Cattle R	33.90 303	P	P	23 50 16.2 -1.0
SFIN	Scholar Farm	28.48 325	P	P	23 49 28.5 -1.0	O38A	Galt	32.08 318	P	P	23 50 00.8 -0.4	131A	Roby	33.91 302	P	P	23 50 16.5 -0.8
SFIN	Scholar Farm	28.48 325	eP	P	23 49 30.2 +0.7	633A	Seathoff Ranch	32.08 297	P	P	23 50 00.5 -1.0	P34A	Walnut Farm, R	33.95 315	P	P	23 50 17.0 -0.6
SADO	Sadova	28.58 340	P	P	23 49 31.5 +1.2	T36A	Boggs Farm, Ca	32.11 312	P	P	23 50 00.9 -0.7	J36A	Harm Buss Farm	33.95 321	P	P	23 50 17.5 -0.1
SADO	Sadova	28.58 340	P	P	23 49 31.5 +1.2	Z34A	Collier Ranch	32.15 304	P	P	23 50 02.2 +0.2	J37A	Redenius Farm,	34.03 323	P	P	23 50 18.1 -0.1
399A	Huntington	28.79 319	P	P	23 49 31.9 -0.4	S36A	Lake Cedric, C	32.22 313	P	P	23 50 02.3 -0.2	U32A	Winter Ranch,	34.08 309	P	P	23 50 18.2 -0.6
239A	Gary	28.86 304	P	P	23 49 35.1 +1.3	Y34A	Resan Ranch,	32.23 305	P	P	23 50 02.1 -0.6	K36A	Gilmore City	34.14 321	P	P	23 50 19.1 -0.1
NATX	Nacogdoches	29.01 303	P	P	23 49 35.7 +1.3	N38A	Joese South For	32.32 320	P	P	23 50 03.0 -0.4	R33A	Olander Ranch,	34.16 312	P	P	23 50 19.1 -0.4
NATX	Nacogdoches	29.01 303	eP	P	23 49 34.5 +0.2	433A	Art	32.32 299	P	P	23 50 02.9 -0.6	O33A	Beatrice	34.19 316	P	P	23 50 19.0 -0.6
Z39A	Irene McRaven,	29.24 306	P	P	23 49 36.8 +0.8	P37A	Lathrop	32.34 317	P	P	23 50 03.2 -0.3	X31A	McDonald Ranch	34.19 305	P	P	23 50 19.2 -0.6
438A	Sam Houston St,	29.34 301	P	pP	23 50 00.3 +0.6	333A	Richland Sprin	32.38 300	P	P	23 50 03.5 -0.6	Y31A	Reklia Farm,	34.19 304	P	P	23 50 19.1 -0.7
HKT	Hockley	29.39 299	eP	P	23 49 38.5 +0.9	U35A	Pawnee	32.41 310	P	P	23 50 03.9 -0.4	330A	Mertzton	34.21 299	P	P	23 50 19.3 -0.8
HKT	Hockley	29.39 299	eP	P	23 49 38.5 +0.9	R36A	Gordon, Harris	32.45 314	P	P	23 50 03.8 -0.8	M35A	Neola	34.23 319	P	P	23 50 19.8 -0.2
338A	Crockett	29.40 302	P	P	23 49 39.0 +1.2	T35A	Sooner Cattle	32.49 311	P	P	23 50 04.5 -0.5	230A	Sterling City	34.28 300	P	P	23 50 20.0 -0.6
238A	Jacksonville	29.47 303	P	P	23 49 39.7 +1.3	233A	Rising Star	32.51 301	P	P	23 50 04.5 -0.7	T32A	Huddler Ranch,	34.35 310	P	P	23 50 20.7 -0.4
637A	Eagle Lake	29.67 298	P	P	23 49 40.0 -0.2	X34A	Sm Ranch, M	32.52 306	P	P	23 50 04.7 -0.6	W31A	Holland Ranch,	34.35 306	P	P	23 50 20.7 -0.5
T40A	Mansfield	29.82 314	P	P	23 49 41.3 -0.1	O37A	Wolven Farm, C	32.53 318	P	P	23 50 04.8 -0.4	Q33A	Connelly Farm,	34.37 314	P	P	23 50 20.9 -0.4
537A	Green Hill Far	29.83 299	P	P	23 49 41.1 -0.5	832A	Faith Ranch, C	32.53 294	P	P	23 50 04.5 -0.9	I37A	Lemond, Waseca	34.39 324	P	P	23 50 21.1 -0.2
Y38A	Idabel	29.90 307	P	P	23 49 42.3 +0.2	732A	Laxson Ranch,	32.61 295	P	P	23 50 05.3 -0.8	LPAZ	La Paz	34.39 183	P	P	23 50 21.5 -0.8
237A	Washetta, Mont	30.01 303	P	P	23 49 42.5 -0.6	632A	Uvalde	32.61 296	P	P	23 50 05.2 -0.9	LPAZ	La Paz	34.39 183	eP	P	23 50 21.4 -0.8
540A	Lebanon	30.05 315	P	P	23 49 43.3 -0.1	M38A	Pleasantville	32.66 321	P	P	23 50 05.9 -0.5	LPAZ	La Paz	34.39 183	eP	P	23 50 21.4 -0.8
137A	Heron Place, G	30.18 304	P	P	23 49 45.5 +0.9	133A	Hamilton Ranch	32.70 302	P	P	23 50 05.8 -1.0	N34A	Lincoln	34.40 317	P	P	23 50 20.9 -0.6
W38A	Poteau	30.23 309	P	P	23 49 45.7 +0.6	S35A	Otter Creek Ra	32.71 312	P	P	23 50 06.3 -0.5	V31A	Spring Creek L	34.48 307	P	P	23 50 21.6 -0.7
R40A	Maddies Statio	30.27 317	P	P	23 49 45.3 0.0	W34A	Bridge Creek,	32.72 307	P	P	23 50 06.3 -0.7	H37A	Dierke Farm, C	34.49 325	P	P	23 50 22.1 0.0
X38A	Whitesboro	30.28 308	P	P	23 49 46.0 +0.4	W34A	Bridge Creek,	32.72 307	eP	P	23 50 07.1 +0.1	J36A	Seneca 1, Swea	34.49 323	P	P	23 50 22.2 0.0
636A	Smothers Creek	30.29 297	P	P	23 49 46.2 +0.5	Q36A	Arnold C, Orve	32.74 315	P	P	23 50 06.8 -0.3	L35A	Bielow Farm, R	34.49 320	P	P	23 50 22.2 -0.1
Z37A	Pogue Cattle C	30.30 305	P	P	23 49 45.9 +0.2	V34A	Guthrie	32.77 309	P	P	23 50 06.7 -0.6	K35A	Storm Lake	34.66 321	P	P	23 50 23.5 -0.1
V38A	Canehill	30.50 311	P	P	23 49 47.3 -0.2	V34A	Guthrie	32.77 309	eP	P	23 50 07.5 +0.2	Y30A	Stafford Cattl	34.67 304	P	P	23 50 23.2 -0.7
Q40A	Laux Farm, Aux	30.55 318	P	P	23 49 47.5 -0.3	Z33A	Whitaker Ranch	32.79 304	P	P	23 50 06.9 -0.8	Z30A	Sanderson Ranc	34.68 302	P	P	23 50 23.3 -0.7
Y37A	Hugo	30.59 307	P	P	23 49 47.7 -0.6	JCT	Junction City	32.85 298	eP	P	23 50 08.1 -0.1	R32A	Long Quarter,	34.72 312	P	P	23 50 24.0 -0.4
S39A	Bolivar	30.65 315	P	P	23 49 48.2 -0.5	JCT	Junction City	32.85 298	eP	P	23 50 07.4 -0.8	X30A	Coker Ranch, T	34.83 304	P	P	23 50 24.6 -0.7
X37A	Clayton	30.65 308	P	P	23 49 48.3 -0.5	JCT	Junction City	32.85 298	eP	P	23 50 08.1 -0.1	SPMN	St. Paul	34.85 326	P	P	23 50 24.9 -0.4
GLMI	Graying	30.65 334	eP	P	23 49 49.5 +0.9	532A	Rocksprings	32.85 297	P	P	23 50 07.4 -0.8	T31A	Randall Ranch,	34.87 309	P	P	23 50 24.9 -0.6
136A	Ennis	30.75 303	P	P	23 49 48.9 -0.8	N37A	Lee Faris, Mou	32.90 319	P	P	23 50 08.1 -0.3	Q32A	Meltzer Ranch,	34.87 313	P	P	23 50 25.0 -0.6
U38A	Gravette	30.76 312	P	P	23 49 49.2 -0.5	P36A	Good Intent, A	32.92 316	P	P	23 50 08.2 -0.4	ARE	Arequipa	34.90 189	eP	P	23 50 24.0 -2.3
R39A	Chumby, Stover	30.79 316	P	P	23 49 49.5 -0.4	Y33A	Hilltop Ranch,	32.93 305	P	P	23 50 07.8 -0.9	ARE	Arequipa	34.90 189	eP	P	23 50 24.0 -2.3
P40A	Paris	30.84 319	P	P	23 49 49.9 -0.5	R35A	Emporia Munic	32.93 314	P	P	23 50 08.2 -0.5	J35A	Milford	35.02 322	P	P	23 50 26.5 -0.3
S38A	Stockton	31.01 314	P	P	23 49 51.5 -0.5	432A	Meard	32.94 299	P	P	23 50 08.1 -0.8	H36A	Jessenland, He	35.04 325	P	P	23 50 26.8 -0.1
V37A	Hulbert	31.04 310	P	P	23 49 51.7 -0.5	L38A	Oak Wood Farm,	32.96 322	P	P	23 50 08.8 -0.1	K34A	Le Mars	35.16 320	P	P	23 50 27.5 -0.5
Y36A	Durant	31.07 306	P	P	23 49 52.0 -0.5	SCIA	State Center	32.97 321	eP	P	23 50 09.1 +0.1	I35A	Creeview Farm	35.19 323	P	P	23 50 28.1 -0.1
435B	Jarrell	31.08 300	P	P	23 49 52.4 -0.2	X33A	Lawton	33.02 306	P	P	23 50 09.2 -0.3	P32A	Huiting Farm,	35.19 314	P	P	23 50 28.0 -0.3
O40A	La Belle	31.08 320	P	P	23 49 52.4 -0.1	332A	Millersview	33.02 300	P	P	23 5						

KS01	Wouju Array Si	9.46 348	ePn	Pn	00 25 00.0 +1.5
SSLB	Suanglung	9.54 245	ePn	Pn	00 24 56.7 -3.0
SSLB			eSn	Pn	00 26 43.9 -2.1
TPUB	Ta-pu	10.04 243	ePn	Pn	00 25 04.3 -2.3
TPUB			eSn	Pn	00 25 56.5 -1.8
CBJ	Chichi jima	10.55 93	Pn	Pn	00 25 13.2 -0.3
CBJ	Chichijima	10.55 93	Pn	Pn	00 25 13.2 -0.3
JCJ	comp=Z,48nm,0.3s,baz=273,slow=7.9,SNR=11		LR	LR	00 28 27.8
MAJO	Matsushiro	10.62 37	P	Pn	00 25 14.8 +0.3
MAT	Matsushiro	10.62 37	P	Pn	00 25 14.0 -0.5
MJAR	Matsushiro Arr	10.62 37	Pn	Pn	00 25 14.2 -0.3
MJAR	comp=Z,0.8nm,0.3s,baz=218,slow=14.5,SNR=8.8		Pn	Pn	
MJAR	Matsushiro Arr	10.62 37	P	Pn	00 25 14.2 -0.3
NJ2	comp=Z,1.0nm,0.3s		PMZ	PMZ	
NJ2	Nanjing	10.66 294	eP	Pn	00 25 17.8 +2.8
NJ2			eS	S	00 25 27.3
NJ2			PMZ	Sn	00 27 12.0 -1.5
NJ2	comp=Z,74nm,1.2s		LN	LN	
NJ2	comp=Z,2um,17.9s		LE	LE	
NJ2	comp=Z,3um,14.6s		LZ	LZ	
NJ2	comp=Z,4um,15.3s		LZ	LZ	
TIA	Tai'an	13.74 309	uP	Pn	00 25 58.4 +1.3
TIA			PMZ	P	00 26 04.3 -1.0
TIA	comp=Z,20nm,1.5s		LN	LN	
TIA	comp=Z,2um,16.1s		LE	LE	
TIA	comp=Z,3um,17.2s		LE	LE	
TIA	comp=Z,4um,16.1s		LE	LE	
SZP	Santa	13.99 223	ePn	Pn	00 26 01.2 +0.6
WHN	Wuhan	14.15 283	uP	S	00 26 10.1 +0.2
WHN			S	LR	00 28 49.9 -9.1
WHN	comp=N,2um,13.4s		LR	LR	
WHN	comp=E,9um,19.6s		LR	LR	
WHN	comp=Z,6um,16.6s		LR	LR	
SNY	Shenyang	14.66 340	uP	Pn	00 26 04.8 -4.8
SNY	comp=Z,410nm,4.7s		LN	LN	
SNY	comp=Z,2um,15.5s		LE	LE	
SNY	comp=Z,1um,13.7s		LE	LE	
SNY	comp=Z,2um,15.7s		LN	LN	
USRK	Ussuriysk Ar.	16.00 4	Pn	P	00 26 30.5 +0.1
USRK	comp=Z,3nm,0.3s,baz=162,slow=7.6,SNR=21		eP	P	
CN2	Changchun	16.04 347	eP	P	00 26 29.5 -1.4
CN2	comp=Z,20nm,0.8s		PMZ	PMZ	
CN2	comp=Z,200nm,6.0s		LN	LN	
CN2	comp=Z,2um,15.0s		LE	LE	
CN2	comp=Z,700nm,15.0s		LZ	LZ	
CN2	comp=Z,3um,15.0s		LZ	LZ	
MDJ	Mudanjiang	16.38 358	P	Pn	00 26 32.3 +0.4
MDJ			eP	P	00 26 40.3 -2.0
MDJ			eS	Pn	00 26 43.5 -2.6
MDJ			PMZ	Sn	00 29 33.9 +1.2
MDJ	comp=Z,250nm,4.3s		LN	LN	
MDJ	comp=Z,830nm,16.0s		LE	LE	
MDJ	comp=Z,680nm,16.6s		LZ	LZ	
MDJ	comp=Z,1um,14.0s		LZ	LZ	
MDJ	Mudanjiang	16.38 358	ePn	Pn	00 26 31.2 -0.7
MDJ	comp=Z,2.4nm,0.3s		PMZ	PMZ	
BJT	Baijiatuu	16.60 319	eP	Pn	00 26 33.8 -1.1
BJT			eP	PMZ	
BJT	comp=Z,29nm,0.7s		ePn	Pn	00 26 33.8 -1.1
BJT	Baijiatuu	16.60 319	ePn	Pn	00 26 33.8 -1.1
BJT	comp=Z,29nm,0.7s		Pn	Pn	00 26 34.3 -0.7
BJT	Beijing	16.61 319	P	Sn	00 29 37.3 -1.2
BJI			PMZ	PMZ	
BJI	comp=Z,38nm,1.7s		LN	LN	
BJI	comp=Z,390nm,3.4s		LN	LN	
BJI	comp=Z,2um,17.1s		LE	LE	
BJI	comp=Z,1um,18.4s		LZ	LZ	
BJI	comp=Z,2um,17.7s		LZ	LZ	
ENH	Enshi	18.33 281	eP	P	00 26 54.9 -1.4
ASAJ	Asahikawa	18.65 29	P	Pn	00 27 00.7 +0.5
ASAJ	comp=Z,0.6nm,0.3s,baz=238,slow=15,SNR=4.6		eP	Pn	
ASAJ	Asahikawa	18.65 29	PMZ	PMZ	00 27 00.7 +0.5
XAN	Xi'an	19.23 293	P	P	00 27 05.8 -0.4
XAN			eP	P	00 27 11.8 -2.2
XAN			eS	Sn	00 30 32.3 -1.0
XAN	comp=Z,74nm,0.7s		PMZ	PMZ	
XAN	comp=Z,170nm,5.9s		LN	LN	
XAN	comp=Z,660nm,11.8s		LE	LE	
XAN	comp=Z,870nm,16.0s		LZ	LZ	
XAN	comp=Z,1um,16.7s		LZ	LZ	
HHC	Hu-ho-hao-te	19.91 314	eP	Pn	00 27 17.3 +1.9
HHC			S	Sn	00 31 00.0 +1.6
HHC	comp=Z,23nm,1.3s		PMZ	PMZ	
HHC	comp=Z,350nm,5.2s		LN	LN	
HHC	comp=Z,1um,16.4s		LE	LE	
HHC	comp=Z,1um,18.2s		LZ	LZ	
HHC	comp=Z,2um,18.4s		LZ	LZ	
BTO	Baotou	20.78 312	eP	P	00 27 20.3 -2.7
QIZ	Qiongzhou	20.88 248	eP	P	00 27 24.1 -0.1
QIZ			eS	P	00 27 32.3 -3.4
QIZ			S	Sn	00 31 16.3 +0.7
QIZ			S	Sn	00 31 25.1 -3.0
QIZ	comp=Z,800nm,18.3s		LZ	LZ	
QIZ	comp=Z,1um,16.9s		LZ	LZ	
QIZ	Qiongzhou	20.88 248	eP	P	00 27 23.9 -0.2
KLR	Kul'dur	21.01 3	P	P	00 27 23.6 -1.7
KLR	comp=Z,11nm,0.8s,baz=186,slow=7.2,SNR=24		P	P	
KLR	Kul'dur	21.01 3	P	P	00 27 23.6 -1.7
YSS	Yuzh-Sakhalins	21.08 24	eP	P	00 27 23.4 -2.7
YSS			e	P	00 27 35.2
YSS	Yuzh-Sakhalins	21.08 24	eP	P	00 27 27.0 +1.0
GYA	Guiyang	21.12 271	uP	P	00 27 27.4 +0.6
GYA			eP	P	00 27 33.0 -1.7
GYA			P	Pn	00 27 50.3 +3.9
GYA			PMZ	Sn	00 31 14.4 -6.1
GYA	comp=Z,30nm,1.0s		PMZ	PMZ	
GYA	comp=Z,210nm,5.3s		LN	LN	
GYA	comp=Z,790nm,17.2s		LE	LE	
GYA	comp=Z,2um,18.1s		LZ	LZ	

HIA	Hailar	22.54 342	eP	P	00 27 40.9 -1.0
HIA			PMZ	PMZ	
HIA	comp=Z,2um,14.4s		PMZ	PMZ	
HIA	comp=Z,4.0nm,0.4s	22.54 342	eP	P	00 27 40.9 -1.0
HIA	Hailar		P	P	
HIA	comp=Z,3.7nm,0.4s		P	P	
CD2	Chengdu	23.27 283	P	P	00 27 47.3 -2.3
CD2			pP	P	00 27 52.9 -4.7
CD2			sP	P	00 27 57.3 -4.0
CD2			S	P	00 31 56.4 -3.7
CD2			sS	P	00 32 11.5 -2.6
CD2	comp=Z,60nm,1.2s		PMZ	PMZ	
CD2	comp=Z,130nm,7.1s		LN	LN	
CD2	comp=Z,2um,14.2s		LE	LE	
CD2	comp=Z,3um,15.1s		LZ	LZ	
CD2	comp=Z,3um,12.4s		LZ	LZ	
LZH	Lanzhou	23.73 296	uP	P	00 27 52.3 -1.8
LZH			pP	P	00 27 59.4 -3.0
LZH			sP	P	00 28 03.6 -2.4
LZH			S	P	00 32 01.0 -6.6
LZH	comp=Z,34nm,1.1s		PMZ	PMZ	
LZH	comp=Z,140nm,4.4s		LN	LN	
LZH	comp=Z,1um,15.2s		LE	LE	
LZH	comp=Z,1um,13.9s		LZ	LZ	
TYV	Tymovskoe	24.46 19	eP	P	00 28 05.2 +4.7
TYV			PMZ	PMZ	
KMI	Kunming	24.85 269	P	P	00 28 04.9 +0.3
KMI			pP	P	00 28 10.5 -2.5
KMI			sP	P	00 28 13.9 -2.7
KMI			S	P	00 32 19.3 -6.6
KMI	comp=Z,47nm,1.3s		PMZ	PMZ	
KMI	comp=Z,170nm,3.9s		LN	LN	
KMI	comp=Z,460nm,15.4s		LE	LE	
KMI	comp=Z,850nm,16.8s		LZ	LZ	
SLVN	Son La	24.94 260	eP	P	00 28 06.0 +0.7
MYLDM	Lahad Datu	25.53 208	eP	P	00 28 07.0 -3.5
MYLDM			eP	P	00 28 12.6 -6.4
KKM	Kota Kinabalu	25.81 214	eP	P	00 28 13.6 +0.4
NKL	Nikolayevsk	26.05 14	eP	P	00 28 16.1 +1.2
NKL			PMZ	PMZ	
PANO	Nakornpanom	26.13 251	P	P	00 28 18.1 +2.2
UBPT	Khong Cham	26.39 246	P	P	00 28 22.3 +4.0
ULN	Ulaanbaatar	26.68 324	eP	P	00 28 19.0 -1.9
ULN			PMZ	PMZ	
ULN	Ulaanbaatar	26.68 324	eP	P	00 28 17.7 -3.2
NONG	Nongkai	26.93 254	P	P	00 28 24.6 +1.4
SONM	Songio Array	27.01 323	P	P	00 28 22.1 -1.7
SONM	comp=Z,3.4nm,0.6s,baz=140,slow=9.9,SNR=17		LR	LR	00 40 49.1
SONM	comp=Z,2um,18.9s,baz=144,slow=40		LR	LR	
SONM	Songio Array	27.01 323	P	P	00 28 22.1 -1.7
SONM			PMZ	PMZ	
SONM	comp=Z,3.0nm,0.6s		MLR	MLR	
SONM	comp=Z,2um,18.9s		MLR	MLR	
SONM1	Songio Array	27.01 323	eP	P	00 28 21.5 -2.3
GTA	Gaotai	27.60 302	eP	P	00 28 27.1 -2.1
GTA			pP	P	00 28 34.3 -3.3
GTA			sP	P	00 28 37.5 -3.7
GTA			Pn	Pn	00 29 13.3 -1.6
GTA			PcP	P	00 31 47.3 +1.0
GTA			S	P	00 33 04.8 -4.2
GTA			ScP	P	00 35 26.8 +1.9
GTA			PcS	P	00 35 28.3 +0.1
GTA	comp=Z,99nm,4.2s		LN	LN	
GTA	comp=Z,1um,14.7s		LE	LE	
GTA	comp=Z,2um,17.6s		LZ	LZ	
KHON	Khomkaen	28.02 251	P	P	00 28 35.3 +2.4
CRAI	Chiangrai	28.42 260	P	P	00 28 30.0 -6.6
UTTA	Uttaradit	29.28 256	P	P	00 28 45.1 +1.0
PBKT	Sadao Pong	29.46 253	P	P	00 28 46.9 +1.2
CMAI	Chiengmai2	29.69 261	P	P	00 28 50.2 +2.2
LAMP	Lampang	29.74 258	P	P	00 28 49.8 +1.6
LAMP	comp=Z,15nm,0.8s,comp=Z,112nm		P	P	
LUWI	Luwuk	29.99 195	eP	P	00 28 51.2 +0.7
ZAK	Zakamensk	30.19 325	eP	P	00 28 57.7 +5.7
ZAK			PMZ	PMZ	
CMMT	Chiang Mai	30.21 259	P	P	00 28 53.2 +0.8
CHTO	Chiang Mai	30.21 259	P	P	00 28 53.3 +0.8
CHTO	Chiang Mai	30.21 259	eP	P	00 28 53.2 +0.8
CHTO			PMZ	PMZ	
CHTO	Chiang Mai	30.21 259	eP	P	00 28 53.2 +0.7
CHTO	comp=Z,25nm,0.6s		P	P	
CMAR	Chiang Mai Arr	30.36 258	P	P	00 28 54.6 +0.8
CMAR	comp=Z,4.7nm,0.6s,baz=53,slow=8.0,SNR=25		PcP	P	00 31 54.8 +1.3
CMAR	comp=Z,3.1nm,0.7s,baz=76,slow=1.3,SNR=10		LR	LR	00 42 57.2
CMAR	Chiang Mai Arr				

Table with columns: BILL, comp, time, freq, and other parameters. Includes entries like BILIBINO, KASHI, FITZ, etc.

Table with columns: BILL, comp, time, freq, and other parameters. Includes entries like BBOO, MCK, MCKINLEY, etc.

Table with columns: BILL, comp, time, freq, and other parameters. Includes entries like OBN, KIV, NEY, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LANS, LZNS, GZR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like J08A, GTTG, ROTZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like C25A, BW06, PDAR, etc.

1435

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various technical parameters. Includes stations like Guiyang, Lanzhou, Chengdu, Ulanbaatar, etc.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various technical parameters. Includes stations like Erkin-Say, Vostochayna, Borovoye, etc.

25d 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various technical parameters. Includes stations like Warramunga Arr, Alice Springs, etc.

25d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULHL, CHMS, USP, TKM2, etc.

IDC 25 01:53:43.8±1.1, 59.705±25.41W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.8/2.1, mbtm3.9/4, Error ellipse: s-maj=46.5km s-min=31.2km az=15.0

NEIC 25 01:53:49.1±3.2, 59.715±25.69W, h40km, 28km, mb4.2/2, Error ellipse: s-maj=33.8km s-min=15.2km az=218.0

AWI 25 01:54:00.6, 59.735±27.73W, Error ellipse: s-maj=33.8km s-min=15.2km az=218.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VN1, VN3, VN2, etc.

IDC 25 01:55:35.0±5.0, 32.34S±179.93E, h340km, 43km, mb3.1/3, mb1 3.3/4, mb1mx3.1/29, mbtm3.0/4, Error ellipse: s-maj=53.0km s-min=28.9km az=30.0

ISC 25 01:55:39.0±1.5, 32.445±0.10, 179.0E±0.2, h350km, n32, ±1935/40, mb3.2/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ, HAZ, PKGZ, etc.

CASC 25 02:11:17.0±0.3, 1.776N-82.833W, h26km±12km, MD4.1, 1D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBS2, BRUJ, BBS, etc.

2010 DEC

Table with columns: UPIG, 3.49, 69, eS, Sb, 02 13 05.3+5.3. Includes ISK 25 02:20:33.8, 36.00N-27.31E, h2km, MD2.8

ISCJB 25 02:29:20.3±1.1, 27.0N±0.1, 143.79E±0.10, h10km, mb3.5/4, Error ellipse: s-maj=20.7km s-min=12.5km

IDC 25 02:29:20.7±1.4, 26.94N-143.87E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.4/30, mbtm3.4/5, ML3.6/1, Error ellipse: s-maj=32.7km s-min=28.6km az=144.0

ISC 25 02:29:22.1±1.2, 27.0N±0.2, 143.7E±0.1, h10km, n6, ±1217/2, mb3.6/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JJCJ, MJAR, WRA, etc.

IDC 25 02:33:40.0±0.5, 21.09S±174.20W, h0km, mb4.5/16, mb1 4.7/17, mb1mx4.5/39, mbtm4.5/17, ML5.7/2, MS3.6/5, M1 3.6/5, ms1mx3.2/38, Error ellipse: s-maj=22.7km s-min=14.1km az=125.0

ISCJB 25 02:42:36.0±0.3, 21.24S±0.05, 174.20W±0.06, h25km, mb4.8/35, MS3.6/3, Error ellipse: s-maj=9.7km

BUI 25 02:42:38.8, 21.50S±174.77W, h25km, mb5.1/11, mb5.5/4, Ms5.1/2, Ms7.4/8/2

NEIC 25 02:42:39.1±0.2, 21.19S±174.22W, h35km, mb4.9/20, Error ellipse: s-maj=10.2km s-min=5.5km az=133.0

MOS 25 02:42:39.7±2.1, 21.35S±174.17W, h53km, mb4.7/14, Error ellipse: s-maj=15.6km s-min=13.4km az=50.3

AUST 25 02:42:49.8, 21.76S±175.46W, h35km, Error ellipse: s-maj=15.6km s-min=13.4km az=50.3

ISC 25 02:42:37.5±0.4, 21.29S±0.07, 174.11W±0.09, h25km, n191, ±1918/183, mb4.8/36, MS3.5/3, 15C-2D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, MSFV, RAO, etc.

1436

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTAO, CMA, MOO, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, SNR, and other technical details for various stations like HHC, JTS, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like NIED, IDC, MOS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details for stations like ZAAO, ZALV, ZALV, etc.

25d 3h

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Chichi jima, Haha-jima-NKT, Ryogami san, Ashikaga, Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Kingsbay, Spitsbergen Ar, Spitsbergen Ar, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Scoresbyssund, ARCES ARCES Array B, Resolute Bay, etc.

1438

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Tucson, Junction City, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Chichijima, Matushiro Arr, Korea Array, etc.

NIED 25 03:24:00.27:30N, 143:50.0E, h0km, Mw4.0 Best double couple: M9 47000.014 NPI3, 321.00000, 839.00000, -60.00000, NP2: 104.00000, 857.00000, -1.12.00000

ISC/JB 25 03:22:49.0:0.83:31N, 143:31E, h10km, mb4.1/40, MS3.7/3, Error ellipse: s-maj=7.8km s-min=4.3km az=29.5

CSEM 25 03:22:50.6:0.1, 83:40N, 6:12W, h10km, mb4.5/21, Error ellipse: s-maj=8km s-min=4.0km az=32.0

NEIC 25 03:22:51.4:0.5, 83:32N, 0:08E, 6:58W, h0km, h4/5/22, Error ellipse: s-maj=8.1km s-min=3.4km az=212.0

ISC 25 03:22:51.4:0.5, 83:32N, 0:08E, 6:58W, h0km, h10km, n113, s122/113, mb4.2/40, MS3.7/3, North of Svalbard

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Rows include stations like Chichi jima, Haha-jima-NKT, Ryogami san, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DIV, EK52, STKA, etc.

ISK 25 03:32:02.4, 36:55N, 34:55E, h5km, MD2.6
DDA 25 03:32:02.7, 36:64N, 34:57E, h7km, MD2.8
ISCJB 25 03:32:03.5, 0.6, 36:65N, 0:03:34.55E, 0.03, h5km, 6km, Error ellipse: s-maj=5.6km s-min=4.0km az=156.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KIZK, Mersin, GULE, etc.

MAN 25 03:38:57, 10:90N, 121:95E, h34km, mb4.1, ML2.9, MS2.6, Panay
OTRP Odiongan 1.46 3 eP P 03 39 25.0 +1.4

IDC 25 03:53:29.7, 3.0, 51:58N, 176:39W, h0km, mb3.3/4, mb1 3.7/5, mb1mx3.4/64, mbmtmp3.6/5, ML3.1/1, Error ellipse: s-maj=78.5km s-min=27.7km az=174.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ETKA, GSKG, ADAG, etc.

ISCJB 25 03:54:39.8, 0.8, 27:0N, 0:1:143:64E, 0:09, h10km, mb3.5/8, Error ellipse: s-maj=14.9km s-min=11.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for mb1 3.8/9, mb1mx3.6/52, etc.

IDC 25 04:00:28.3, 1.8, 19:96S, 168:97E, h0km, mb4.2/6, mb1 4.4/7, mb1mx4.0/30, mbtmp4.2/7, ML3.8/1, MS3.3/4, Ms1 3.3/4, ms1mx3.0/26, Error ellipse: s-maj=69.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DZM, Mont Dzumac, MSVF, Nonsavu, etc.

IDC 25 04:39:32.7, 2.0, 18:41S, 173:44W, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.8/36, mbmtmp3.8/5, ML3.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.6/36, Error ellipse: s-maj=99.4km

ISCJB 25 04:39:38.4, 1.2, 18:25S, 173:57W, h35km, mb4.2/1, Error ellipse: s-maj=51.8km s-min=13.4km az=139.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for AFI, Afiamalu, RAR, etc.

GUC 25 04:40:26.4, 0.5, 25:57S, 70:88W, h20km, ML4.1, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CDCH, Caldera, CPCH, Copiapo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CBIJ, Chichi jima, JCH, etc.

IDC 25 04:43:10.1, 1.4, 54:6N, 0:3:35:6W, 0:4, h10km, mb3.5/5, MS3.9/4, Error ellipse: s-maj=44.5km s-min=20.8km az=32.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA, Warramunga Arr, etc.

IDC 25 04:43:10.8, 1.5, 54:64N, 35:59W, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/49, mbmtmp3.5/5, MS3.9/5, Ms1 3.9/5, ms1mx3.4/30, Error ellipse: s-maj=49.5km s-min=25.1km az=33.0

ISC 25 04:43:12.1, 1.5, 54:6N, 0:3:35:6W, 0:2, h10km, n10, 0:035/6, mb3.4/5, MS4.1/4, Reykjanis Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for FRB, Frofisher Bay, etc.

ISCJB 25 05:10:59.9, 0.7, 59:27S, 0:10:23:1W, 0:3, h10km, mb4.0/6, MS3.6/1, Error ellipse: s-maj=23.2km s-min=10.6km az=151.9

IDC 25 05:11:00.8, 0.8, 59:10S, 23:74W, h0km, mb4.1/6, mb1 4.2/6, mb1mx3.9/27, mbmtmp4.1/6, MS3.6/1, Ms1 3.6/1, ms1mx3.0/22, Error ellipse: s-maj=29.9km s-min=22.8km az=89.0

Table with columns: THEF, 204nm, 0.8s, eSg, Sg, 05 14 25.0 -2.8, etc. Lists various astronomical objects and their coordinates.

Table with columns: CLL, Collm, 5.74 20 / Pn, Pn, 05 14 02.5 +2.1, etc. Lists astronomical objects with specific identifiers and coordinates.

NIED 25 05:15:00, 27.20N, 144.00E, h5km, Mw4.4 Best double couple: M4.77000, 1015 NP1=154.00000, 846.00000, 1.69.00000. NP2=305.00000, 848.00000, 1.10.00000.
MOS 25 05:15:10.8, 1.1, 26.72N, 143.85E, h9km, mb4.8/27, Error ellipse: s-maj=13.0km s-min=7.6km az=119.6
IDC 25 05:15:10.7, 0.5, 26.82N, 143.96E, h0km, mb4.2/20, mb1 4.4/22, mb1mx3.4/47, mb1mp4.2/22, ML3.8/2, MS3.6/16, Ms1 3.6/16, ms1mx3.4/48, Error ellipse: s-maj=16.0km s-min=13.7km az=68.0
NEIC 25 05:15:12.0, 2.2, 26.74N, 143.91E, h10km, mb5.0/36, MW4.4(NIED), Error ellipse: s-maj=5.7km s-min=5.6km az=148.0
JMA 25 05:15:13.1, 0.1, 27.17N, 144.02E, h29km, M4.8
ISCJB 25 05:15:14.6, 0.2, 26.69N, 143.91E, 0.03, h33km, M4.7/60, MS3.7/12, Error ellipse: s-maj=6.2km s-min=3.5km az=179.2
BUJ 25 05:15:14.2, 26.77N, 143.50E, h11km, mb4.6/41, mb5.0/27, Ms4.6/13, Ms7.4/315
ISC 25 05:15:16.6, 0.4, 26.89N, 143.97E, 0.05, h35km, n226, i=1948/217, mb4.8/62, MS3.6/12, 2C-1D, Bonin Islands

Table with columns: Code, Station Name, Az, AZP, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station names and their associated data.

Table with columns: KLR, Kuf'dur, 24.23 340, P, P, 05 20 30.3 +0.3, etc. Lists astronomical objects and their coordinates.

25d 5h

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, DMN, MAKZ, KOLN, DZM, TKM2, etc.

2010 DEC

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like R11A, R11A, YMR, TPNV, etc.

1442

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KLR, SONM, CMAR, CTA, WRAB, etc.

NIED 25 05:17:00, 26:80N, 143:80E, h5km, Mw4.3 Best double couple: M3.46000x1019 N1.19x301.000000, 3.16.000000, 1.95.000000, NP2.9x126.000000, 874.000000, 1.39.000000

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CBJJ, CBJJ, CJCJ, etc.

ISCJB 25 05:22:01.6x0.7, 26:77N, 0:1x143:73E, 0:08, h10km, mb4.0/9, Error ellipse: s-maj=15.1km s-min=9.2km az=20.6

IDC 25 05:22:01.4, 1.3, 26:70N, 143:74E, h0km, mb3.8/7, mb1.4/0.8, mb1mx3.7/4.1, mbtpp3.7/6, ML3.8/1, Error ellipse: s-maj=48.3km s-min=27.1km az=88.0

NEIC 25 05:22:03.1, 0.8, 26:78N, 143:81E, h10km, mb4.5/2, Error ellipse: s-maj=23.2km s-min=13.5km az=83.0

ISCJB 25 05:22:03.5, 1.0, 26:8N, 0:2x143:69E, 0:10, h10km, n13, a1518/14, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CBJJ, CBJJ, CJCJ, etc.

ISCJB 25 05:31:39.9, 1.0, 27:0N, 0:1x143:87E, 0:09, h10km, mb3.7/5, Error ellipse: s-maj=20.9km s-min=12.2km az=179.8

IDC 25 05:31:40.2, 1.2, 26:86N, 144:01E, h0km, mb3.7/5, mb1.4/0.6, mb1mx3.6/4.1, mbtpp3.7/6, ML3.8/1, Error ellipse: s-maj=37.9km s-min=28.0km az=101.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CBJJ, CBJJ, CJCJ, etc.

1445

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JIRN, GUN, AS01, ASAR, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMR, BBOO, SRSP, etc.

25d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLMR, RAR, RES, etc.

Table with columns: Code, Station Name, Az, El, P, F, L, R, Time, Res. Includes stations like Cerro la Pando, Santo Domingo, Fort de France, Gun Hill, Nana, Pitinga, Paso Flores, etc.

IDC 25 05:58:01.4-9.3, 26.95N-144.88E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.7/37, mbtmp3.9/5, MS4.8/1, Ms1 4.8/1, ms1mx3.8/23, Error ellipse: s-maj=349.7km s-min=23.7km az=73.0, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, F, L, R, Time, Res. Includes stations like Songo Array, Warrungung Array, ASARA, etc.

ISCJB 25 05:58:38.1-1.5, 52.61N-169.74W, h0.1, h0km, 10km, mb3.9/7, Error ellipse: s-maj=23.9km s-min=4.6km az=154.2

NEIC 25 05:58:38.8, 52.69N-169.74W, h0km, mb3.7/3, ML3.9(AEIC), After AEIC

IDC 25 05:58:38.2-1.6, 52.47N-169.72W, h0km, mb4.0/6, mb1 4.3/7, mb1mx3.7/43, mbtmp4.0/7, ML3.8/1, Error ellipse: s-maj=46.8km s-min=25.8km az=139.0

ISC 25 05:58:39.3-1.7, 52.83N-169.76W, h0.08, h6km, 10km, n37, o885/34, mb4.1/7, Fox Islands

Table with columns: Code, Station Name, Az, El, P, F, L, R, Time, Res. Includes stations like Nikolski High, Okmok South, Okmok E, etc.

NIED 25 06:24:00.27, 20N-143.90E, h8km, Mw4.5 Best double couple: Mo=5.60000e+10, NP1=3.19.00000, 331.00000, lambda=109.00000, NP2=161.00000, delta1.00000, lambda=79.00000

MOS 25 06:24:43.0, 9.26, 81N-143.94E, h12km, mb5.1/65, Error ellipse: s-maj=9.7km s-min=5.5km az=114.5

ISCJB 25 06:24:43.5, 1.8, 26.93N-104.144, 0E/0.02, h10km, 10km, mb4.9/137, MS3.9/9, Error ellipse: s-maj=6.4km s-min=3.6km az=172.7

IDC 25 06:24:43.1-0.5, 26.86N-144.08E, h0km, mb4.6/23, mb1 4.8/27, mb1mx4.7/43, mbtmp4.6/27, ML3.8/4, MS3.9/9, Ms1 3.9/9, ms1mx3.5/33, Error ellipse: s-maj=15.3km s-min=12.6km az=78.0

BUI 25 06:24:44.5, 26.81N-143.70E, h10km, mb4.7/42, mb5.4/27, Ms4.9/19, Ms7.4/18

NEIC 25 06:24:45.3, 0.2, 26.86N-143.99E, h10km, mb5.0/88, MW4.4(NIED), Error ellipse: s-maj=5.0km s-min=4.0km az=172.0

JMA 25 06:24:46.4, 0.2, 27.20N-143.94E, h14km, M4.1, ISC 25 06:24:44.9, 1.5, 26.92N-106.144, 0E/0.05, h9km, gkm, n531, o1812/537, mb5.0/138, MS3.6/9, 19C-5D, Bonin

Main table with columns: Code, Station Name, Az, El, P, F, L, R, Time, Res. Includes stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

Table with columns: PBKT, MTN, CMMT, CHTO, etc. Includes stations like Sadao Pong, Manton Dam, Chiang Mai, etc.

Table of station data for the left column, including call signs like ULM, RAYN, SMCO, MVCO, H27A, F28A, J26A, B30A, C31A, E29A, I27A, D30A, A28A, G32A, Q23A, ISCO, C31A, BRTR, F29A, H28A, E30A, B32A, J27A, S22A, I28A, TUC, G29A, BURAR, KWP, D31A, F30A, A33A, H29A, J28A, AGMN, AGMN, E31A, Q24A, I29A, G30A, C33A, B34A, SDCO, J29A, DOPRA, SUSD, D33A, I30A, F32A, C34A, H31A, G32A, B35A, E33A, J30A, D34A, L29A, F33A, C35A, ANMO, ANMO, N28A, R28A, E34A, J31A, Y22D, DRGR, G33A, K350, D35A, I21A, L30A, H33A, I32A, F34A, K31A, J32A, G34A, D36A, N30A.

Table of station data for the middle column, including call signs like F35A, DPC, K32A, EYMN, ECSD, E36A, D37A, R28A, SRE, SRE, F36A, M3EY, H35A, VRAC, VRAC, BZS, BZS, S28A, BGNE, CLL, CLL, CLL, Q30A, PRU, PRU, H36A, P31A, M33A, SPMN, K35A, MNTX, MNTX, H37A, J36A, PKSM, PKSM, I37A, R31A, K36A, KHC, KHC, J37A, MSTX, GERES, GERES, GERES, L36A, I38A, AMTX, T31A, Q33A, K37A, N35A, K3U1, P35A, R34A, L38A, U32A, W31A, Q35A, M38A, P36A, V32A, S34A, X31A, Z30A, U33A, R35A, W32A, Y31A, T34A, P37A, TX31, TXAR, TXAR, TXAR, TXAR, U34A, P38A, Z30A, Z32A, T36A, Q38A, S37A, P39A, Q39A, R38A, S31A, S30A, T37A, W35A.

Table of station data for the right column, including call signs like V36A, 332A, Q40A, 531A, 233A, 432A, V37A, U38A, JCT, 631A, 532A, 632A, MAW, MAW, TOAO, TORO, SDV, PTGA, LPAZ, LPAZ, LPAZ, IDC 25 06:27:27.1, 1.7, 19.87S; 167.94E, h0km, mb4.1/5, mb1 4.2/6, mb1mx4.0/30, mbtmp4.1/6, ML3.7/1, Error ellipse: s-maj=60.9km s-min=22.5km az=127.0, IDC 25 06:27:30.6, 1.8, 20.33S; 168.2E, 0.3, h32km, n8, 19379, mb3.9/5, Loyalty Islands, Code Station Name, Mex 25 06:28:43.9, 0.4, 13.71N; 91.58W, h9km, MD3.8, Near coast of Guatemala, Code Station Name, Az, Phase ID, Time Res, ISC, CGIC, CGIC, CGIC, ISCJB 25 06:38:10.6, 0.3, 31.57S; 0.03; 66.99W; 0.04, h136km, 2km, mb4.7/38, Error ellipse: s-maj=5.2km s-min=3.8km, GUC 25 06:38:10.5, 0.5, 31.53S; 66.93W, h130km, ML5.2, NEIC 25 06:38:10.5, 0.6, 31.57S; 66.89W, h120km, 5km, mb4.9/32, MD4.8(SJA), Error ellipse: s-maj=8.1km s-min=5.0km, NEIC Felt [III] at San Juan, SJA 25 06:38:11.3, 0.5, 31.54S; 67.04W, h134km, 6km, ML4.6, IDC 25 06:38:12.3, 0.6, 31.50S; 66.91W, h137km, 4km, mb4.2/9, mb1 4.3/13, mb1mx4.0/31, mbtmp4.7/13, MS2.9/1, MS1 2.9/1, ms1mx2.7/23, Error ellipse: s-maj=18.2km s-min=13.3km az=78.0, BUJ 25 06:38:12.0, 0.3, 31.50S; 67.00W, h133km, ISC 25 06:38:11.9, 0.5, 31.55S; 0.04; 66.99W; 0.04, h137km, 4km, n120, 1939/152, mb4.8/39, 10, La Rioja Province, Code Station Name, Az, Phase ID, Time Res, ISC, ACHE, ACAN, ACAN, AVFE, AVFE, AVFE, RTLL, SJA, SJA, SJA, RTVC, RTVC, MRA, MRA, AMOG, ASAL, ASAL, ARCO, ARCO, ARCO, AAGR, AAGR, AGUA, AGUA, SUCO, SUCO, CYA, CYA, CYA, PEL, PEL, PEL, CLCH, CLCH, LACH, LACH, LACH, LACH, TLL, TLL, TLL, STL, STL, ANTU, ANTU, ANTU, ROCH, ROCH, ROCH, LCO, LCO, LCO, LCO, AHML, AHML, AHML, AHML, AHML.

Table of station data for the 25d 6h period, including station names, coordinates, and various parameters like elevation and frequency.

Main table of station data for December 2010, listing station names, coordinates, and parameters. Includes sub-sections for 'Bonin Islands region' and 'Philippine Islands region'.

Table of station data for the 1450 period, including station names, coordinates, and parameters. Includes sub-sections for 'Bonin Islands region' and 'Philippine Islands region'.

ARU	Arti	65.52 323	eP	P	07 41 33.8	-0.4
DLBC	Dease Lake	65.57 35	LR	LR	08 12 06.0	
AB31	Akbulak array	66.32 315	eP	P	07 41 39.2	-0.3
AB31				Pmax		
ABKAR	Akbulak array	66.32 315	eP	P	07 41 39.4	-0.1
AKTO	Aktyubinsk	67.23 316	iP	Pmax	07 41 43.7	-1.6
AKTO				Pmax		
GEYT	Alibeck	70.87 303	P	P	07 42 08.7	+0.5
YKA	Yellowknife Ar	71.66 29	P	P	07 42 11.0	-1.4
YKA	Yellowknife Ar	71.66 29	P	Pmax	07 42 11.0	-1.4
YKA	Yellowknife Ar	71.66 29	P	Pmax		
YKB5	Yellownife Ar	71.66 29	eP	P	07 42 13.1	+0.6
KLMR	Klimovskoe	73.53 330	eP	Pmax	07 42 24.4	+0.8
KLMR				Pmax		
ARCES	ARCCESS Array B	74.26 341	P	P	07 42 28.6	+0.9
ARCES				LR	08 24 27.6	
NEW	Newport	76.10 43	eP	P	07 42 40.3	+1.5
NEW				Pmax		
NEW	Newport	76.10 43	P	P	07 42 39.7	+0.9
NEW	Newport	76.10 43	eP	P	07 42 40.2	+1.5
EDM	Edmonton	76.13 37	eP	P	07 42 40.5	+1.6
EDM				Pmax		
EDM	Edmonton	76.13 37	eP	P	07 42 40.5	+1.6
VRH	Vnovokhoporsky	76.63 321	eP	P	07 42 40.4	-1.3
VRH				Pmax		
VRH				Pmax		
VRH				Pmax		
ORV	Oroville	76.78 52	eP	P	07 42 44.0	+1.2
ORV				Pmax		
ORV	Oroville	76.78 52	eP	P	07 42 44.0	+1.2
J08A	Circle Bar Ran	77.29 48	eP	P	07 42 47.0	+1.3
BMO	Blue Mountains	77.42 46	eP	P	07 42 47.6	+1.2
LPSR	Galich'ya Gora	77.54 323	eP	P	07 42 44.2	-2.5
LPSR				Pmax		
LPSR				Pmax		
LPSR				Pmax		
OBN	Obninsk	77.57 326	eP	P	07 42 48.0	+1.2
OBN				e	07 42 56.9	
OBN				Pmax		
JTMT	Jette	78.04 42	eP	P	07 42 51.5	+1.7
VSR	Storozhevoje	78.06 322	eP	P	07 42 49.1	-0.6
VSR				Pmax		
VSR				Pmax		
VSR				Pmax		
VSR				Pmax		
VORD	Divnogorie	78.11 321	eP	P	07 42 48.5	-1.4
VORD				Pmax		
VORD				Pmax		
VORD				Pmax		
VORD				Pmax		
SWMT	Swartz Lake	78.32 43	eP	P	07 42 52.2	+0.8
FINES	FINES Array B	78.82 334	P	P	07 42 54.7	+1.0
FINES				Pmax		
FINES	FINES Array B	78.82 334	iP	P	07 42 54.7	+1.0
FINES				Pmax		
MFID	Camas Ranch	79.01 47	eP	P	07 42 55.9	+0.7
ZEI	Tsey	79.01 312	eP	P	07 42 54.3	-1.1
ZEI				Pmax		
KBZ	Khabaz	79.25 314	P	P	07 42 57.4	+1.0
KBZ	Khabaz	79.25 314	P	P	07 42 57.4	+1.0
KBZ				Pmax		
KIV	Kislovodsk	79.28 314	eP	P	07 42 57.9	+1.2
KIV				Pmax		
NV01	Mina Array Sit	79.52 52	eP	P	07 42 59.0	+0.8
NVAR	Mina Array Bay	79.52 52	P	P	07 42 58.9	+0.6
NEY	Neytrino	79.58 313	iP	Pmax	07 42 58.5	0.0
NEY				Pmax		
GNI	Garni	79.61 310	iP	P	07 43 00.5	+1.8
GNI				Pmax		
HLID	Halley	79.86 46	P	P	07 43 00.9	+0.9
HLID	Halley	79.86 46	eP	P	07 43 02.2	+2.2
LRM	Limekiln Ridge	80.05 44	eP	P	07 43 02.5	+1.5
VES	Vestal, Richgr	80.08 55	P	P	07 43 01.1	+0.1
ARVC	Arvin	80.58 55	P	P	07 43 05.1	+1.3
ELK	Elko	80.60 49	eP	Pmax	07 43 03.9	-0.2
ELK				Pmax		
ELK	Elko	80.60 49	eP	P	07 43 03.9	-0.2
ISA	Isabella	80.61 55	eP	Pmax	07 43 03.4	-0.6
ISA				Pmax		
ISA	Isabella	80.61 55	eP	P	07 43 03.4	-0.6
BOZ	Bozeman (W)	80.63 43	eP	Pmax	07 43 05.7	+1.6
BOZ				Pmax		
BOZ	Bozeman (W)	80.63 43	eP	P	07 43 05.2	+1.1
BOZ	Bozeman (W)	80.63 43	eP	P	07 43 05.7	+1.6
GRAC	Grapevine Rang	80.81 53	P	P	07 43 05.9	+0.9
BLG	Laguna Peak	80.85 57	P	P	07 43 06.0	+0.7
OSI	Osito Adit	80.88 56	P	P	07 43 05.5	+0.1
SNCO	San Nicolas Is	80.88 57	P	P	07 43 06.6	+1.2
FFC	Filin Flon	81.17 32	eP	P	07 43 08.0	+1.4
FFC				Pmax		
FFC	Filin Flon	81.17 32	eP	P	07 43 08.0	+1.4
LRMC	Laurel Mountai	81.26 55	P	P	07 43 08.6	+1.0
EDW2	Edwards Air Fo	81.31 55	P	P	07 43 08.8	+1.1
FURC	Furnace Creek,	81.41 54	P	P	07 43 08.1	-0.1
R11A	Troy Canyon, C	81.46 51	P	P	07 43 08.6	0.0
R11A	Troy Canyon, C	81.46 51	eP	P	07 43 09.6	+0.9
YMR	Madison River	81.52 44	eP	P	07 43 11.6	+2.6
TPNV	Topopah Spring	81.63 53	eP	P	07 43 10.9	+1.3
TPNV				Pmax		
TPNV	Topopah Spring	81.63 53	eP	P	07 43 09.9	+0.3
TPNV	Topopah Spring	81.63 53	eP	P	07 43 10.9	+1.3
HVU	Hansel Valley	81.76 47	eP	P	07 43 12.3	+2.1
HVU				Pmax		

HVU	Hansel Valley	81.76 47	eP	P	07 43 12.3	+2.1
H17A	Grant Village	81.90 44	eP	P	07 43 11.4	+0.5
H17A	Grant Village	81.90 44	eP	P	07 43 12.9	+1.9
IMW	Indian Meadow	81.92 45	eP	P	07 43 13.3	+2.2
LKWY	Lake	81.92 44	eP	Pmax	07 43 13.3	+2.2
LKWY	Lake	81.92 44	eP	P	07 43 13.3	+2.2
FLWY	Flagg Ranch	81.97 45	eP	P	07 43 14.2	+2.9
GSC	Goldstone	81.98 55	eP	Pmax	07 43 13.0	+1.6
GSC				Pmax		
GSC	Goldstone	81.98 55	P	P	07 43 12.0	+0.7
GSC	Goldstone	81.98 55	eP	P	07 43 13.0	+1.6
BGU	Big Grassy Moun	82.00 48	eP	P	07 43 13.2	+1.7
SHOC	Shoshone	82.09 54	P	P	07 43 12.8	+1.0
MOOW	Moose Ponds	82.11 45	eP	P	07 43 13.5	+1.4
LOHW	Long Hollow	82.27 45	eP	P	07 43 15.0	+2.1
RLMT	Red Lodge	82.34 43	P	P	07 43 14.7	+1.5
RLMT	Red Lodge	82.34 43	eP	P	07 43 15.0	+1.8
AHID	Auburn Hatcher	82.37 46	eP	P	07 43 15.2	+1.8
MURC	Murrieta	82.47 56	P	P	07 43 14.5	+0.7
DUG	Dugway	82.50 49	eP	Pmax	07 43 15.4	+1.4
DUG				Pmax		
DUG	Dugway	82.50 49	P	P	07 43 13.6	-0.4
DUG	Dugway	82.50 49	eP	P	07 43 15.4	+1.4
HEC	Hector, Ludlow	82.55 55	P	P	07 43 13.9	-0.4
TUQ	Turquoise Moun	82.56 54	P	P	07 43 15.2	+0.8
PFO	Pinyon Flat Ob	83.02 56	iP	P	07 43 18.9	+2.1
GMRC	Granite Mounta	83.06 55	P	P	07 43 16.4	-0.7
NLU	North Lily Min	83.11 49	eP	P	07 43 19.0	+1.7
BELC	Belle Mtn. Jos	83.17 55	P	P	07 43 17.8	+0.1
LAO	LASA Array	83.34 41	P	P	07 43 19.2	+1.1
BW06	Boulder Array	83.35 45	eP	P	07 43 19.0	+0.4
PDAR	Pinedale Array	83.35 45	P	P	07 43 19.4	+0.8
AKASG	Malin Array Be	83.68 324	P	P	07 43 18.6	-1.1
AKASG	Malin Array Be	83.68 324	P	Pmax	07 43 18.6	-1.1
AKASG				Pmax		
KIEV	Kiev	83.69 324	iP	Pmax	07 43 20.8	+1.0
KIEV				Pmax		
IRM	Iron Mountain	83.72 55	P	P	07 43 21.2	+0.8
IBP	Imperial Bould	83.72 57	P	P	07 43 21.4	+1.0
BC3	Big Chuckawall	83.73 56	P	P	07 43 21.4	+0.9
B25A	Knox Farm, Ray	84.21 38	P	P	07 43 23.6	+1.1
P17A	Butcher Ranch,	84.24 49	eP	P	07 43 25.1	+2.1
Y12C	Blythe	84.37 55	P	P	07 43 24.6	+1.0
NB2	NORSAR Subarra	84.38 339	P	P	07 43 24.9	+1.7
NOA	NORSAR Array B	84.38 339	P	P	07 43 21.6	-1.6
NOA	NORSAR Array B	84.38 339	P	P	07 43 21.6	-1.6
NOA				Pmax		
GLA	Glamis	84.48 56	P	P	07 43 25.5	+1.2
P18A	Preston Nutter	84.49 48	eP	P	07 43 25.9	+1.4
SRU	San Rafael	84.57 49	eP	Pmax	07 43 24.4	-0.3
SRU				Pmax		
SRU	San Rafael	84.57 49	eP	P	07 43 24.4	-0.3
F25A	Bowman	85.36 40	P	P	07 43 29.3	+0.8
A28A	Rue Farm, Bot	85.41 37	P	P	07 43 28.8	+0.2
C27A	Saylor Ranch,	85.44 38	P	P	07 43 28.6	-0.2
O20A	White River Ci	85.56 47	P	P	07 43 30.2	+0.5
E26A	Carlson Angus	85.62 39	P	P	07 43 28.8	-0.9
B28A	Dugan Ranch, T	85.63 37	P	P	07 43 29.9	+0.2
WUAZ	Wupatki	85.78 52	eP	P	07 43 30.9	+0.1
WUAZ	Wupatki	85.78 52	eP	P	07 43 32.6	+1.8
D27A	Center	85.78 39	P	P	07 43 30.0	-0.5
G25A	Newell	85.80 41	P	P	07 43 30.7	0.0
A29A	Manning Farm,	85.95 36	P	P	07 43 30.6	-0.9
H25A	Fruitdale	86.02 41	P	P	07 43 30.8	-0.9
E27A	Carson	86.16 39	P	P	07 43 31.6	-0.8
B29A	Wagenman Farm,	86.16 37	P	P	07 43 31.4	-0.9
F27A	Lemmon	86.22 40	P	P	07 43 33.2	+0.6
G26A	Maurine	86.22 40	P	P	07 43 32.4	-0.3
D28A	Regan	86.26 38	P	P	07 43 31.9	-0.9
I25A	Rochford	86.27 42	P	P	07 43 33.5	+0.3
MDND	Maddock	86.40 37	P	P	07 43 32.2	-1.3
A30A	Hofert Farm,	86.43 36	P	P	07 43 32.8	-0.8
H26A	Fairpoint	86.50 41	P	P	07 43 33.9	-0.9
G27A	Dupree	86.56 40	P	P	07 43 35.1	+0.7
J25A	Sunshine Ranch	86.58 42	P	P	07 43 34.7	+0.1
RAYN	Ar Rayn	86.59 295	eP	P	07 43 35.2	+0.3
B30A	Myrvik Farm, E	86.71 36	P	P	07 43 34.5	-0.5
H27A	Howes	86.90 41	P	P	07 43 35.0	-1.1
F28A	McLaughlin	86.93 39	P	P	07 43 35.4	-0.8
B31A	Greenbush Farm	87.09 36	P	P	07 43 37.5	+0.7
C30A	Moo Pekin	87.09 37	P	P	07 43 37.9	+1.0
E29A	Napoleon	87.15 38	P	P	07 43 37.5	+0.3
I27A	Quinn	87.24 41	P	P	07 43 38.5	+0.8
BRTR	Keskin Array B	87.25 314	eP	P	07 43 37.1	-0.9
BRTR	Keskin Array B	87.25 314	eP	Pmax	07 43 37.0	-0.9
BRTR				Pmax		
D30A	Buchanan	87.30 37	P	P	07 43 36.8	-1.1
G28A	Parade	87.32 40	P	P	07 43 37.0	-1.1

A32A	Rocking H Ranc	87.38 35	P	P	07 43 38.4	+0.2
C31A	Landman Farms,	87.43 36	P	P	07 43 38.8	+0.3
ISCO	Idaho Springs	87.44 46	P	P	07 43 39.3	+0.2
F29A	Eureka	87.48 39	P	P	07 43 39.6	+0.7
H28A	Mission Ridge	87.49 40	P	P	07 43 38.6	-0.3
E30A	Jud	87.59 38	P	P	07 43 39.5	+0.2
B32A	Asnes, Strandq	87.69 35	P	P	07 43 38.9	-0.8
BR23A	Keskin MP Arra	87.74 314	eP	P	07 43 38.3	-2.0
I28A	Midland	87.80 41	P	P	07 43 40.4	0.0
G29A	Hoven	87.				

CMAI	comp=Z,54nm,0.9s Chiengmai2	41.41 270 P	P	07 59 39.0 +4.0
MTN	comp=Z,16nm,1.3s Manton Dam	41.52 199 eP	P	07 59 34.9 -0.7
CMMT	comp=Z,8nm,1.5s Chiang Mai	41.86 268 P	P	07 59 38.6 +0.1
CHTO	comp=Z,16nm,1.1s Chiang Mai	41.86 268 P	P	07 59 38.7 +0.1
CHTO	comp=Z,60nm,1.1s Chiang Mai	41.86 268 eP	P	07 59 38.1 -0.5
CHTO	comp=Z,13nm,1.0s Chiang Mai	41.86 268 eP	P	07 59 38.1 -0.5
CM01	comp=Z,1.9nm,1.0s Chiang Mai Arr	41.98 268 eP	P	07 59 38.7 -0.8
CMAR	comp=Z,1.4nm,0.3s,baz=62,slow=7.9,SNR=12 Chiang Mai Arr	41.98 268 P	P	07 59 39.3 -0.3
CMAR	comp=Z,0.9nm,0.3s,baz=108,slow=1.6,SNR=56 Uthaitani	42.60 264 P	P	08 01 35.8 +0.9
UTHA	comp=Z,3.6nm,0.8s Uthaitani	42.60 264 P	P	07 59 53.6 +9.0
BILL	comp=Z,5.0nm,1.0s Billibino	43.18 121 eP	P	07 59 50.8 +2.2
BILL	comp=Z,43nm,1.4s SRDT	43.37 262 P	P	07 59 57.8 +7.0
HVS	comp=Z,30nm,0.9s Krasnoyarsk	46.31 3231 eP	P	08 00 01.5 +1.5
KRAR	comp=Z,25nm,0.9s Charters Tower	46.95 177 P	P	08 00 18.4 -0.7
CTA	comp=Z,7.7nm,0.8s,baz=43,slow=3.8,SNR=3.6 Charters Tower	46.95 177 P	P	08 00 18.4 -0.7
WRAB	comp=Z,8.0nm,0.8s Tennant Creek	47.60 192 dP	P	08 00 23.2 -1.0
WRAB	comp=Z,121nm,1.2s Tennant Creek	47.60 192 P	P	08 00 23.0 -1.2
WRAB	comp=Z,210nm,0.6s,SNR=43 Tennant Creek	47.60 192 eP	P	08 00 23.4 -0.8
WRA	comp=Z,31nm,0.7s Warramunga Arr	47.61 192 P	P	08 00 23.3 -1.0
WRA	comp=Z,1.6nm,0.6s,baz=113,slow=3.6,SNR=48 Warramunga Arr	47.61 192 iP	P	08 00 23.2 -1.0
WC3	comp=Z,16nm,0.6s Warramunga Arr	47.62 192 eP	P	08 00 23.5 -0.8
WMQ	comp=Z,40nm,0.9s Urumqi	47.69 306 P	P	08 00 27.0 +2.1
WMQ	comp=Z,220nm,19.8s Urumqi	47.69 306 P	P	08 00 33.5 +7.4
WMQ	comp=Z,18nm,1.0s Urumqi	47.69 306 P	P	08 01 54.3 +0.1
WMQ	comp=Z,2.20nm,19.8s Urumqi	47.69 306 P	P	08 07 26.5 +5.0
FITZ	comp=Z,290nm,22.8s Fitzy Crossi	48.21 203 P	P	08 00 28.7 -0.2
FITZ	comp=Z,14nm,0.8s,baz=20,slow=8.6,SNR=20 Fitzy Crossi	48.21 203 eP	P	08 00 28.6 -0.2
LEM	comp=Z,11m,0.8s Lembang	48.55 231 P	P	08 00 33.8 +2.0
PSI	comp=Z,1.1m,0.9s,comp=Z,20um Prapat	49.15 248 eP	P	08 00 36.0 -0.5
PSI	comp=Z,15nm,0.6s Prapat	49.15 248 eP	P	08 00 36.0 -0.5
MDSI	comp=Z,15nm,0.6s Maura Dua	49.42 237 P	P	08 00 38.8 +0.4
LHSI	comp=Z,29nm,1.1s Lahat	49.48 238 P	P	08 00 40.9 +2.0
ODAN	comp=Z,2.2nm,0.7s,baz=11,slow=3.9,SNR=5.1 Odare	49.82 283 eP	P	08 00 41.3 -0.4
ZAA0	comp=Z,2.5nm,0.7s,baz=5.8,SNR=65 Zalesovo Array	50.40 319 eP	P	08 00 45.2 -0.1
ZALV	comp=Z,5.6nm,0.5s,baz=97,slow=7.3,SNR=27 Zalesovo Beam	50.40 319 P	P	08 00 45.2 -0.1
ZALV	comp=Z,7.2nm,0.6s,baz=124,slow=3.4,SNR=8.7 Zalesovo Beam	50.40 319 P	P	08 02 04.3 -0.3
ZALV	comp=Z,6.0nm,0.5s Zalesovo Beam	50.40 319 P	P	08 00 45.2 -0.1
ZALV	comp=Z,7.0nm,0.6s Zalesovo Beam	50.48 284 eP	P	08 00 46.3 -0.4
RAMN	comp=Z,17nm,0.6s Ramite	50.67 285 eP	P	08 00 48.1 -0.2
JIRN	comp=Z,19nm,0.6s Jiri	50.88 285 eP	P	08 00 49.8 -0.0
GUN	comp=Z,19nm,0.6s Gumba	51.31 191 eP	P	08 00 50.9 -1.6
AS01	comp=Z,2.5nm,0.7s,baz=5.8,SNR=65 Alice Springs	51.33 192 P	P	08 00 51.3 -1.3
ASAR	comp=Z,1.9nm,0.7s,baz=11,slow=3.9,SNR=5.1 Alice Springs	51.33 192 P	P	08 02 07.5 -0.1
ASAR	comp=Z,3.0nm,0.7s Alice Springs	51.33 192 P	P	08 00 51.3 -1.3
ASAR	comp=Z,3.0nm,0.7s Alice Springs	51.43 285 eP	P	08 00 53.2 -0.6
ASAR	comp=Z,3.0nm,0.7s Alice Springs	51.43 320 eP	P	08 00 53.1 0.0
ASAR	comp=Z,3.0nm,0.7s Alice Springs	51.43 320 eP	P	08 02 06.9
KKN	comp=Z,2.0nm,0.7s Kakani	51.43 285 eP	P	08 00 53.2 -0.6
NVS	comp=Z,30nm,1.2s Novosibirsk	51.43 320 eP	P	08 00 53.1 0.0
NVS	comp=Z,26nm,1.2s Makanchi Array	51.53 310 eP	P	08 00 54.2 +0.2
MK01	comp=Z,7.7nm,0.5s,baz=75,slow=10.0,SNR=87 Makanchi Array	51.54 310 P	P	08 00 54.4 +0.3
MKAR	comp=Z,6.1nm,0.8s,baz=83,slow=3.8,SNR=6.6 Daman	51.62 285 eP	P	08 02 07.7 -0.5
DMN	comp=Z,19nm,0.9s Makanchi	51.75 310 eP	P	08 00 56.3 +0.6
MAKZ	comp=Z,23nm,1.0s Koldana	52.88 286 eP	P	08 01 04.2 -0.3
KOLN	comp=Z,15nm,0.7s,baz=57,slow=5.1,SNR=14 Kodiak Island	53.57 37 P	P	08 01 09.0 +0.1
KDAK	comp=Z,148nm,0.7s,SNR=7.6 Kodiak Island	53.57 37 P	P	08 01 09.3 -0.1
DZM	comp=Z,17nm,0.9s,baz=0.3,slow=8.7,SNR=6.8 Mont Dzumac	53.58 154 P	P	08 01 12.5 +0.6
KURK	comp=Z,118nm,1.2s Kurchatov	53.97 315 P	P	08 01 12.5 +0.6
KURK	comp=Z,118nm,1.2s Kurchatov	53.97 315 P	P	08 01 12.5 +0.6
KURB	comp=Z,118nm,1.2s,baz=92,slow=8.6,SNR=234 Kurchatov Arra	54.32 34 eP	P	08 01 22.2 -0.1
SEW	comp=Z,400nm,2.5s Seward	55.43 30 eP	P	08 01 22.4 -0.2
TRF	comp=Z,11nm,0.8s Thorofare Moun	55.49 28 eP	P	08 01 23.9 +1.1
MLY	comp=Z,11nm,0.9s Manley	55.73 32 eP	P	08 01 24.2 -0.3
PMR	comp=Z,17nm,0.8s Palmer	55.73 32 eP	P	08 01 24.2 -0.3
PMR	comp=Z,17nm,0.8s Palmer	56.06 30 eP	P	08 01 26.8 -0.2
RND	comp=Z,14nm,0.8s Reindeer	56.06 30 eP	P	08 01 26.8 -0.2
RND	comp=Z,14nm,0.8s Reindeer	56.07 30 eP	P	08 01 27.0 0.0
MCK	comp=Z,216nm,2.6s McKinley	56.07 30 eP	P	08 01 27.0 0.0
MCK	comp=Z,216nm,2.6s McKinley	56.10 25 eP	P	08 01 28.2 +1.1
COLD	comp=Z,15nm,0.9s Coldfoot	56.13 32 eP	P	08 01 27.6 +0.1
SML	comp=Z,18nm,0.8s Sawmill	56.13 32 eP	P	08 01 27.6 +0.1
SML	comp=Z,18nm,0.8s Sawmill	56.53 28 eP	P	08 01 31.1 +0.8

TKM2	comp=Z,15nm,1.1s Tokmak 2	56.54 305 eP	P	08 01 31.8 +0.8
TKM2	comp=Z,15nm,1.1s Tokmak 2	56.54 305 P	P	08 01 31.8 +0.8
TKM2	comp=Z,15nm,1.1s Tokmak 2	56.54 305 eP	P	08 01 31.8 +0.8
SCM	comp=Z,231nm,0.7s Sheep Creek Mo	56.61 32 eP	P	08 01 31.4 +0.5
SCM	comp=Z,31nm,0.7s Sheep Creek Mo	56.61 32 eP	P	08 01 31.4 +0.5
CCB	comp=Z,9.9nm,0.8s Clear Creek Bu	56.67 29 eP	P	08 01 31.9 +0.7
COLA	comp=Z,5.0nm,0.9s College	56.68 281 eP	P	08 01 32.6 +1.4
KSH	comp=Z,57nm,2.1s Kashi	56.76 301 P	P	08 01 35.8 +3.4
KSH	comp=Z,170nm,5.7s Kashi	56.76 301 P	P	08 01 40.5 +6.8
KSH	comp=Z,310nm,7.4s Kashi	56.76 301 P	P	08 03 26.5 +0.4
KSH	comp=Z,570nm,6.3s Kyzart	56.91 304 P	P	08 01 36.1 +2.3
HDA	comp=Z,12nm,0.9s Harding Lake	57.01 29 eP	P	08 01 32.9 -0.8
KBK	comp=Z,2.1nm,0.8s,baz=261,slow=5.8,SNR=62 Kragaybulak	57.05 305 P	P	08 01 35.5 +0.9
IL1	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 01 33.3 -0.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eielson Array	57.08 29 eP	P	08 02 27.2 -1.8
ILAR	comp=Z,2.1nm,0.8s,baz=295,slow=4.1,SNR=6.2 Eiel			

25d 7h

GNI	comp=Z,2.0nm,1.0s	79.39	310	eP	P	08 03 55.3	+0.6
GNI							
NV01	comp=Z,36nm,0.9s	79.46	52	eP	P	08 03 55.4	+0.2
NVAR	Mina Array Be	79.46	52	eP	P	08 03 55.6	+0.5
AKH	Akhalkakali	79.67	311	iP	P	08 03 58.1	+1.9
AKH	Akhalkakali	79.67	311	iP	P	08 03 58.1	+1.9
HLID	Hailey	79.78	46	eP	P	08 03 55.5	-1.2
HLID	Hailey	79.78	46	eP	P	08 03 57.2	+0.5
PKM	Peak Mountain	79.91	56	eP	P	08 03 56.3	-1.4
LRM	Limekiln Ridge	79.95	44	eP	P	08 03 57.7	0.0
VES	Vestal, Richgr	80.03	55	eP	P	08 03 57.1	-0.9
VSU	Vasula	80.06	332	iP	P	08 03 57.8	+0.1
VSU							
DLMT	Dillon	80.08	44	eP	P	08 03 58.7	+0.3
SBC	Santa Barbara	80.18	56	eP	P	08 03 57.8	-1.0
SBC	Santa Cruz Isl	80.44	57	eP	P	08 03 59.1	-1.2
EGMT	Eagleton	80.49	41	eP	P	08 03 59.1	-1.3
EGMT	Eagleton	80.49	41	eP	P	08 04 00.9	+0.6
ELK	Elko	80.53	49	eP	P	08 04 01.7	+0.7
ELK							
ELK	Elko	80.53	49	eP	P	08 04 01.7	+0.7
ARVC	Arvin	80.54	55	eP	P	08 03 59.5	-1.3
BOZ	Bozeman (W)	80.54	43	eP	P	08 04 01.5	+0.7
BOZ							
BOZ	Bozeman (W)	80.54	43	eP	P	08 04 01.5	+0.7
BOZ							
SUMG	Summit	80.61	1	iP	P	08 04 01.7	+0.8
SUMG							
SUMG	Summit	80.61	1	iP	P	08 04 01.7	+0.8
SUMG							
SUMG	Summit	80.61	1	eP	P	08 04 01.1	+0.2
GRAC	Grapevine Rang	80.76	53	eP	P	08 04 00.9	-1.1
SNCC	San Nicolas Is	80.85	57	eP	P	08 04 01.7	-0.8
DAC	Darwin (Calif)	80.92	54	eP	P	08 04 02.2	-0.9
DAC							
DAC	Darwin (Calif)	80.92	54	eP	P	08 04 02.2	-0.9
FFC	Flin Flon	81.04	32	eP	P	08 04 03.5	+0.5
FFC							
FFC	Flin Flon	81.04	32	eP	P	08 04 03.5	+0.5
MPMC	Manual Prospec	81.09	54	eP	P	08 04 03.9	-0.1
LRMC	Laurel Mountai	81.21	55	eP	P	08 04 04.4	-0.1
EDW2	Edwards Air Fo	81.26	55	eP	P	08 04 03.9	-0.9
DECC	Green Verdugo	81.30	56	eP	P	08 04 04.9	+0.1
FURC	Furnace Creek,	81.36	54	eP	P	08 04 04.3	-0.8
R11A	Troy Canyon, C	81.40	51	eP	P	08 04 05.5	-0.0
YMR	Madison River	81.43	44	eP	P	08 04 07.1	+1.5
TPNV	Topopah Spring	81.58	53	eP	P	08 04 07.0	+0.5
TPNV							
TPNV	Topopah Spring	81.58	53	eP	P	08 04 05.4	-1.1
TPNV							
TPNV	Topopah Spring	81.58	53	eP	P	08 04 07.0	+0.5
YNR	Norris Jctio	81.58	44	eP	P	08 04 08.5	+2.0
YFT	Old Faithful	81.62	44	eP	P	08 04 09.4	+2.7
HVU	Hansel Valley	81.68	47	eP	P	08 04 07.7	+0.7
HVU							
HVU	Hansel Valley	81.68	47	eP	P	08 04 07.7	+0.7
SCI	San Clemente I	81.70	57	eP	P	08 04 05.9	-1.1
H17A	Grant Village	81.81	44	eP	P	08 04 06.7	-1.0
H17A							
H17A	Grant Village	81.81	44	eP	P	08 04 10.4	+2.7
IMW	Indian Meadow	81.83	45	eP	P	08 04 09.2	+1.4
LKWY	Lake	81.83	44	eP	P	08 04 10.5	+2.7
LKWY							
LKWY	Lake	81.83	44	eP	P	08 04 10.5	+2.7
FLWY	Flagg Ranch	81.89	45	eP	P	08 04 09.8	+1.8
GSC	Goldstone	81.94	55	eP	P	08 04 08.5	+0.2
GSC							
GSC	Goldstone	81.94	55	eP	P	08 04 07.3	-1.1
GSC							
GSC	Goldstone	81.94	55	eP	P	08 04 08.5	+0.2
MOOW	Moose Ponds	82.02	45	eP	P	08 04 09.6	+0.8
REDW	Red Top Meads	82.15	45	eP	P	08 04 10.4	+0.9
SNOW	Snow King Moun	82.16	45	eP	P	08 04 10.8	+1.2
NACG1	Narco	82.16	329	eP	P	08 04 09.0	0.0
LOHW	Long Hollow	82.18	45	eP	P	08 04 10.6	+1.0
SCO	Scoresbysund	82.18	355	iP	P	08 04 09.4	+0.6
SCO							
SCO	Scoresbysund	82.18	355	iP	P	08 04 09.4	+0.6
RLMT	Red Lodge	82.25	43	eP	P	08 04 08.6	-1.3
RLMT							
RLMT	Red Lodge	82.25	43	eP	P	08 04 10.9	+1.0
AHID	Auburn Hatcher	82.28	46	eP	P	08 04 10.9	+0.7
BBRC	Big Bear Solar	82.33	56	eP	P	08 04 09.6	-1.0
DUG	Dugway	82.42	49	eP	P	08 04 11.1	+0.2
DUG							
DUG	Dugway	82.42	49	eP	P	08 04 10.0	-0.8
DUG							
DUG	Dugway	82.42	49	eP	P	08 04 11.1	+0.2
MURC	Murieta	82.43	56	eP	P	08 04 10.0	-0.9
HEC	Hector,Ludlow	82.50	55	eP	P	08 04 10.1	-1.2
TUQ	Turquoise Moun	82.51	54	eP	P	08 04 10.5	-0.9
109C	Camp Elliot, M	82.82	57	eP	P	08 04 12.0	-0.9
CTU	Camp Tracy	82.89	48	eP	P	08 04 13.9	+0.6
PFO	Pinyon Flat Ob	82.97	56	eP	P	08 04 14.0	+0.1
PFO							
PFO	Pinyon Flat Ob	82.97	56	eP	P	08 04 13.9	+0.1
PFO							
PFO	Pinyon Flat Ob	82.97	56	eP	P	08 04 12.8	-1.0
PFO							
PFO	Pinyon Flat Ob	82.97	56	eP	P	08 04 14.0	+0.1
GMRC	Granite Mounta	83.01	55	eP	P	08 04 12.8	-1.2

2010 DEC

NLU	baz=83,SNR=8.7	83.03	49	eP	P	08 04 14.6	+0.5
BELC	Belle Mtn. Jos	83.13	55	eP	P	08 04 13.4	-1.2
LAO	LASA Array	83.24	41	eP	P	08 04 15.8	+0.9
BW06	Boulder Array	83.27	45	eP	P	08 04 15.2	-0.1
PDAR	Pinedale Array	83.27	45	eP	P	08 04 15.1	-0.2
MPU	Maple Canyon	83.30	48	eP	P	08 04 16.0	+0.5
CCUT	Cedar City	83.33	51	eP	P	08 04 16.4	+0.7
MONP	Monument Peak	83.33	57	eP	P	08 04 14.6	-1.2
DGMT	Dagmar	83.41	38	eP	P	08 04 14.9	-0.8
AKASG	Malin Array Be	83.43	324	eP	P	08 04 14.9	-0.8
AKASG	Malin Array Be	83.43	324	eP	P	08 04 14.9	-0.8
KIEV	Kiev	83.44	324	eP	P	08 04 14.6	-1.1
KIEV							
KIEV	Kiev	83.44	324	eP	P	08 04 14.6	-1.1
AK11	Malin Array Si	83.47	324	eP	P	08 04 15.4	-0.5
IRM	Iron Mountain	83.67	55	eP	P	08 04 16.3	-1.0
MSU	Marysvale	83.67	50	eP	P	08 04 18.3	+0.8
MSU	Marysvale	83.67	50	eP	P	08 04 18.3	+0.8
IBP	Imperial Blvd	83.68	57	eP	P	08 04 16.2	-1.2
BC3	Big Chuckawall	83.69	56	eP	P	08 04 16.7	-0.8
A25A	Svangstu Ranch	83.74	38	eP	P	08 04 16.3	-1.1
SWSC	Sam W. Stewart	83.77	56	eP	P	08 04 16.6	-1.2
SIM	Simferopol	83.89	318	eP	P	08 04 18.4	+0.2
SIM							
B25A	Knox Farm, Ray	84.09	38	eP	P	08 04 18.1	-1.1
NB2	NORSAR Subarra	84.13	339	eP	P	08 04 18.3	-0.8
NOA	NORSAR Array B	84.13	339	eP	P	08 04 18.7	-0.4
NOA	NORSAR Array B	84.13	339	eP	P	08 04 18.7	-0.4
NOA							
P17A	Butcher Ranch,	84.17	49	eP	P	08 04 20.5	+0.6
NB02	NORSAR Array S	84.23	339	eP	P	08 04 19.4	-0.2
Y12C	Blythe	84.33	55	eP	P	08 04 19.3	-1.3
PDMCI	Parker Dam,Lak	84.34	54	eP	P	08 04 19.9	-0.8
A26A	Wade Farm, Ken	84.35	37	eP	P	08 04 19.5	-1.0
C25A	Freed Ranch, W	84.36	39	eP	P	08 04 19.5	-1.1
SUW	Suwalki	84.37	329	eP	P	08 04 20.0	-0.3
SUW	Suwalki	84.37	329	eP	P	08 04 20.1	-0.3
P18A	Preston Nutter	84.42	48	eP	P	08 04 22.2	+0.8
GLA	Glamis	84.44	56	eP	P	08 04 19.9	-1.4
SRU	San Rafael	84.49	49	eP	P	08 04 21.8	+0.2
SRU							
SRU	San Rafael	84.49	49	eP	P	08 04 21.8	+0.2
B26A	Jensen Ranch,	84.54	38	eP	P	08 04 20.6	-0.8
MALT	Malatyia	84.57	310	iP	P	08 04 23.4	+1.5
MALT	Malatyia	84.57	310	iP	P	08 04 23.4	+1.5
D25A	Fairfield	84.64	39	eP	P	08 04 20.9	-1.1
C26A	Wahner Farm, P	84.94	38	eP	P	08 04 22.4	-1.1
E25A	Miller Ranch,	84.96	40	eP	P	08 04 22.6	-1.1
B27A	Peters Farms,	85.06	37	eP	P	08 04 23.1	-0.9
D26A	Manning	85.21	39	eP	P	08 04 23.6	-1.2
F25A	Bowman	85.26	40	eP	P	08 04 24.1	-1.1
A28A	Rude Farm, Bot	85.29	37	eP	P	08 04 24.6	-0.7
C27A	Saylor Ranch,	85.33	38	eP	P	08 04 24.6	-0.8
O20A	White River Ci	85.48	47	eP	P	08 04 25.7	-0.9
O20A	White River Ci	85.48	47	eP	P	08 04 26.6	0.0
B28A	Dugan Ranch, T	85.51	37	eP	P	08 04 25.5	-0.8
E26A	Carlson Angus	85.51	39	eP	P	08 04 25.4	-1.0
SFJD	Kangerlussuaq	85.60	6	eP	P	08 04 27.0	+0.7
SFJD							
SFJD	Kangerlussuaq	85.60	6	iP	P	08 04 26.6	+0.3
SFJD							

O28A	Krusinger Ran	89.60	44	P	P	08 04 44.9	-1.4
T25A	Trinidad	89.62	48	P	P	08 04 45.3	-1.2
KSP	Ksiaz	89.62	330	eP	P	08 04 45.2	-0.8
KSP	Ksiaz	89.62	330	eP	P	08 04 45.2	-0.8
G33A	Ortonville	89.64	38	P	P	08 04 45.0	-1.3
D35A	Remer	89.69	35	P	P	08 04 45.3	-1.1
KSC0	Kaye Shedlock'	89.71	46	P	P	08 04 45.2	-1.7
L30A	Spencer Herefo	89.77	42	P	P	08 04 45.5	-1.4
H33A	Prehn Over Nor	89.80	38	P	P	08 04 45.9	-1.1
121A	Cookes Peak, D	89.81	53	P	P	08 04 46.0	-1.6
CSS	Prodiromos	89.82	310	eP	P	08 04 46.5	-0.8
E35A	Pequot Lakes	89.85	36	P	P	08 04 46.2	-1.0
F34A	Alexandria	89.89	37	P	P	08 04 46.1	-1.3
N29A	Votaw Ranch, W	89.90	43	P	P	08 04 46.2	-1.5
K31A	O'Neill	89.93	41	P	P	08 04 46.4	-1.2
DPC	Dobruska-Polom	89.96	329	eP	P	08 04 47.2	-0.5
DPC	Dobruska-Polom	89.96	329	eP	P	08 04 47.2	-0.5
J32A	Parkston	89.99	40	P	P	08 04 46.8	-1.1
G34A	Benksen	90.04	37	P	P	08 04 46.9	-1.2
L31A	Butterfield Fa	90.16	41	P	P	08 04 47.2	-1.5
I33A	Coleman	90.16	39	P	P	08 04 47.8	-0.9
Q28A	Sharon Springs	90.19	45	P	P	08 04 47.9	-1.2
C37A	Embarrass	90.20	34	P	P	08 04 47.7	-1.1
O29A	4D Ranch, Culb	90.21	44	P	P	08 04 47.8	-1.3
F35A	Swanville	90.22	36	P	P	08 04 47.6	-1.3
N30A	Hueftle Ranch,	90.24	43	P	P	08 04 47.7	-1.5
ECSD	EROS Data Cent	90.47	39	P	P	08 04 48.9	-1.2
ECSD	EROS Data Cent	90.47	39	eP	P	08 04 50.0	-0.1
VRAC	Vranov	90.57	329	iP	P	08 04 50.4	-0.1
VRAC	Vranov	90.57	329	iP	P	08 04 50.4	-0.1
BZS	Buzias	90.57	324	iP	P	08 04 48.7	-1.9
BRG	Berggiesshubel	90.64	331	eP	P	08 04 50.6	-0.2
BRG	Berggiesshubel	90.64	331	eP	P	08 04 50.6	-0.2
BRG	Berggiesshubel	90.64	331	eP	P	08 04 50.6	-0.2
G35A	Watkins	90.68	37	P	P	08 04 49.8	-1.3
CLL	Collim	90.72	332	iP	P	08 04 50.3	-0.8
CLL	Collim	90.72	332	iP	P	08 04 50.3	-0.8
CLL	Collim	90.72	332	iP	P	08 04 50.3	-0.8
L32A	Elgin	90.75	41	P	P	08 05 01.0	+8.0
F36A	Milaca	90.77	36	P	P	08 04 50.0	-1.5
H35A	Sunnyside Ranc	90.83	37	P	P	08 04 50.5	-1.3
K33A	Hardington	90.96	40	P	P	08 04 51.5	-1.0
S28A	Mantor	91.00	46	P	P	08 04 51.5	-1.4
PRU	Pruhonice	91.02	330	eP	P	08 04 51.3	-1.2
PRU	Pruhonice	91.02	330	eP	P	08 04 51.3	-1.2
PRU	Pruhonice	91.02	330	eP	P	08 04 51.3	-1.2
BGNE	Belgrade	91.03	42	P	P	08 04 51.9	-0.9
G36A	St. Michael	91.06	37	P	P	08 04 51.7	-1.1
MDVR	Moldovita	91.07	323	iP	P	08 04 51.5	-1.5
H36A	Jessenland, He	91.40	37	P	P	08 04 53.4	-1.0
P31A	Stockton	91.44	44	P	P	08 04 53.7	-1.1
S29A	Ulysses	91.49	46	P	P	08 04 53.8	-1.3
SPMN	St. Paul	91.57	36	P	P	08 04 54.3	-0.8
SPMN	St. Paul	91.57	36	eP	P	08 04 55.5	+0.3
PKSM	Moragy	91.72	325	iP	P	08 04 54.8	-1.0
PKSM	Moragy	91.72	325	iP	P	08 04 54.8	-1.0
Q31A	Ellis	91.75	44	P	P	08 04 55.0	-1.2
P32A	Hutting Farm,	91.86	43	P	P	08 04 55.4	-1.3
K35A	Storm Lake	91.89	39	P	P	08 04 55.6	-1.2
H37A	Dierke Farm, C	91.94	37	P	P	08 04 55.9	-1.0
MNTX	Cornudas Mount	91.98	53	P	P	08 04 56.1	-1.3
MNTX	Cornudas Mount	91.98	53	eP	P	08 04 58.0	+0.6
J36A	Seneca 1, Swea	91.99	38	P	P	08 04 56.0	-1.2
I37A	Lemond, Waseca	92.06	37	P	P	08 04 56.4	-1.1
KHC	Kasperske Hory	92.07	330	eP	P	08 04 57.1	-0.4
KHC	Kasperske Hory	92.07	330	eP	P	08 04 57.1	-0.4
KHC	Kasperske Hory	92.07	330	eP	P	08 04 57.1	-0.4
R31A	Burdett	92.10	45	P	P	08 04 56.7	-1.1
GERES	GERESS Array B	92.22	330	P	P	08 04 57.3	-1.0
GERES	GERESS Array B	92.22	330	P	P	08 04 57.3	-1.0
GERES	GERESS Array B	92.22	330	P	P	08 04 57.3	-1.0
Q32A	Mettler Ranch,	92.27	44	P	P	08 04 57.3	-1.3
N34A	Lincoln	92.36	41	P	P	08 04 58.0	-1.0
K36A	Gilmore City	92.38	39	P	P	08 04 57.8	-1.3
R32A	Long Quarter,	92.53	44	P	P	08 04 58.5	-1.3
S31A	Mullinville	92.53	45	P	P	08 04 58.8	-1.1
L36A	Harm Buss Farm	92.61	39	P	P	08 04 59.0	-1.1
I38A	Scanlan Farm,	92.61	37	P	P	08 04 58.6	-1.4
Q33A	Connelly Farm,	92.71	43	P	P	08 04 59.5	-1.1
T31A	Randall Ranch,	92.72	46	P	P	08 04 59.4	-1.3
AMTX	Amarillo	92.72	48	P	P	08 04 59.5	-1.4
AMTX	Amarillo	92.72	48	eP	P	08 05 00.9	0.0
K37A	Belmond	92.75	38	P	P	08 04 59.6	-1.1
S32A	Newby Ranch, P	92.83	45	P	P	08 04 59.9	-1.1
N35A	Tabor	92.85	41	P	P	08 05 00.0	-1.2
V30A	Spur Ranch, Mi	92.86	47	P	P	08 05 00.2	-1.3
M36A	Felix, Anita	92.95	40	P	P	08 05 01.1	-0.6
P34A	Walnut Farm, R	92.98	42	P	P	08 05 00.5	-1.4
U31A	Nine Bar Ranch	93.05	46	P	P	08 05 01.1	-1.2
L37A	Phoenix Point,	93.11	39	P	P	08 05 01.6	-0.7

T32A	Huddler Ranch,	93.15	45	P	P	08 05 01.5	-1.3
Q34A	Chapman	93.30	43	P	P	08 05 02.0	-1.4
KSU1	Kansas State U	93.39	43	P	P	08 05 02.6	-1.1
V31A	Spring Creek L	93.41	47	P	P	08 05 02.9	-1.1
M37A	Trindle Farm,	93.41	40	P	P	08 05 02.4	-1.4
X30A	Coker Ranch, T	93.52	48	P	P	08 05 03.1	-1.4
U32A	Winter Ranch,	93.59	46	P	P	08 05 03.3	-1.4
W31A	Holland Ranch,	93.69	47	P	P	08 05 04.1	-1.2
N37A	Lee Faris, Mou	93.75	40	P	P	08 05 04.0	-1.3
M38A	Pleasantville	93.89	39	P	P	08 05 05.0	-1.0
Q35A	Mercer Eighty,	93.89	43	P	P	08 05 04.7	-1.3
P36A	Good Intent, A	93.90	42	P	P	08 05 04.9	-1.2
V32A	Arapaho	93.96	46	P	P	08 05 05.2	-1.3
S34A	Willow Spring	93.96	44	P	P	08 05 05.3	-1.1
X31A	McDonald Ranch	94.00	48	P	P	08 05 05.3	-1.4
Z30A	Sanderson Ranc	94.03	49	P	P	08 05 05.7	-1.2
O37A	Wolven Farm, M	94.17	41	P	P	08 05 06.2	-1.1
W32A	Sentinel	94.19	47	P	P	08 05 06.3	-1.2
Y31A	Rekieta Farm,	94.21	48	P	P	08 05 06.6	-1.5
T34A	McClaskey Farm	94.34	45	P	P	08 05 06.6	-1.3
V33A	Lossen Ranch,	94.39	46	P	P	08 05 07.3	-1.1
P37A	Lathrop	94.43	41	P	P	08 05 07.4	-1.1
S35A	Otter Creek Ra	94.46	44	P	P	08 05 07.7	-1.0
U34A	Anderson Ranch	94.48	45	P	P	08 05 07.7	-1.2
TX31	Lajitas Ar. Si	94.52	54	eP	P	08 05 09.2	-0.1
TXAR	Lajitas Array	94.52	54	P	P	08 05 09.6	+0.4
TXAR	Lajitas Array	94.52	54	P	P	08 05 09.6	+0.4
R36A	Gotton, Harris	94.55	43	P	P	08 05 08.1	-1.0
X32A	Elmer	94.58	48	P	P	08 05 08.0	-1.4
N39A	Deaby Farms, D	94.64	39	P	P	08 05 08.4	-1.0
Z31A	Sharp Cattle R	94.67	49	P	P	08 05 08.9	-0.9
W33A	Caddo, Fort Co	94.68	47	P	P	08 05 08.4	-1.4
Q37A	Longview Farm,	94.83	42	P	P	08 05 09.1	-1.2
Z30A	Sterling City	94.86	51	P	P	08 05 09.5	-1.3
V34A	Guthrie	94.87	46	P	P	08 05 09.2	-1.4
V34A	Guthrie	94.87	46	eP	P	08 05 10.8	+0.2
P38A	Davies Array	94.88	41	P	P	08 05 09.1	-1.4
X33A	Lawton	95.03	47	P	P	08 05 09.9	-1.5
330A	Mertzton	95.10	51	P	P	08 05 10.5	-1.3
Z32A	Haskell	95.13	49	P	P	08 05 10.4	-1.5
Q38A	Cooks Store, C	95.27	41	P	P	08 05 11.2	-1.2
S37A	Fort Scott	95.32	43	P	P	08 05 11.2	-1.4
P39A	Salisbury	95.42	40	P	P	08 05 11.8	-1.3
Q39A	Willow Grove F	95.58	41	P	P	08 05 12.7	-1.1
Z33A	Whitaker Ranch	95.62	48	P	P	08 05 12.8	-1.3
331A	San Angelo	95.67	51	P	P	08 05 12.9	-1.5
T37A	Cheneyville 18	95.68	43	P	P	08 05 12.9	-1.4
W35A	Teenseh	95.70	46	P	P	08 05 13.0	-1.5
530A	J-C Ranch, Com	95.72	52	P	P	08 05 13.1	-1.5
R39A	Chumby, Stover	96.03	41	P	P	08 05 14.3	-1.6
332A	Millersville	96.10	50	P	P	08 05 14.7	-1.6
Z34A	Collier Ranch,	96.13	48	P	P	08 05 15.0	-1.4
531A	Rocksprings	96.26	52	P	P	08 05 15.7	-1.5
V37A	Hulbert	96.34	44	P	P	08 05 15.8	-1.5
R40A	Maries Statio	96.50	41	P	P	08 05 16.6	-1.4
JCT	Junction City	96.59	51	P	P	08 05 17.1	-1.5
HDIL	Hopedale	96.64	38	P	P	08 05 17.0	-1.6
V38A	Canehill	96.81	44	P	P	08 05 17.9	-1.5
534A	Bianco	97.78	51	P	P	08 05 22.8	-1.1
SYO	Syowa Base	120.05	2041	eP	Pdf	08 07 11.2	+9.4
TOAO	Torodi Ar. Sit	125.61	312				

Table with columns for call sign, name, frequency, power, and other details. Includes entries like SONM Songio Array, SONM Songoing Array, YAK Yakutsk, SEY Seymchan, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like DMN Daman, MAKZ Makanchi, ASOI Alice Springs, ASAR Alice Springs, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like RES Resolute Bay, LVZ Lovozero, KLMR Klimovskoe, ARCES ARCESS Array B, etc.

1459

YMR	baz=81, SNR=9.4	81.45	44	eP	P	08 08 09.3 +1.5
R11A	Madison River comp=Z,27nm,1.3s	81.47	51	P	P	08 08 07.7 -0.2
R11A	Troy Canyon, C	81.47	51	P	P	08 08 08.2 +0.3
MWC	Topopah Spring comp=Z,24nm,1.4s	81.60	56	eP	Pmax	08 08 09.1 +0.4
MWC	Mount Wilson comp=Z,24nm,1.4s	81.60	56	eP	P	08 08 09.1 +0.4
YNR	Norris Junction comp=Z,28nm,1.4s	81.61	44	eP	P	08 08 11.1 +2.5
YFT	Old Faithful comp=Z,24nm,1.3s	81.64	44	eP	P	08 08 10.8 +2.1
TPNV	Topopah Spring comp=Z,16nm,1.1s	81.66	53	eP	Pmax	08 08 07.3 -1.6
TPNV	Topopah Spring comp=Z,16nm,1.1s	81.66	53	eP	P	08 08 08.8 0.0
HVU	Hansel Valley comp=Z,25nm,1.5s	81.72	47	eP	Pmax	08 08 10.2 +1.0
HVU	Hansel Valley comp=Z,25nm,1.5s	81.72	47	eP	P	08 08 10.2 +1.0
H17A	Grant Village baz=82	81.83	44	P	P	08 08 11.8 +2.0
H17A	Grant Village comp=Z,36nm,1.4s	81.83	44	eP	P	08 08 12.3 +2.5
LKWY	Lake comp=Z,45nm,1.6s	81.85	44	eP	Pmax	08 08 12.7 +2.8
LKWY	Lake comp=Z,44nm,1.6s	81.85	44	eP	P	08 08 12.7 +2.8
IMW	Indian Meadow comp=Z,31nm,2.8s	81.89	56	eP	P	08 08 11.5 +1.5
BFSC	Mount Baldy Ra baz=82	81.89	56	P	P	08 08 09.3 -0.8
FLWY	Flagg Ranch comp=Z,31nm,2.8s	81.91	44	eP	P	08 08 12.0 +1.8
BGU	Big Grassy Mou comp=Z,11nm,1.3s	81.97	48	eP	P	08 08 11.2 +0.7
GSC	Goldstone comp=Z,26nm,1.4s	82.02	54	eP	Pmax	08 08 10.6 -0.2
GSC	Goldstone baz=82, SNR=9.0	82.02	54	P	P	08 08 10.7 -0.1
GSC	Goldstone comp=Z,21nm,1.4s	82.02	54	eP	P	08 08 10.6 -0.2
MOOW	Moose Ponds comp=Z,19nm,3.0s	82.05	45	eP	P	08 08 12.1 +1.2
TBI	Tubuai comp=Z,16nm,34.5s, baz=303	82.06	121	eLR	LR	08 33 32.9
SHOC	Shoshone baz=82	82.12	54	P	P	08 08 09.8 -1.4
SNOW	Snow King Moun comp=Z,11nm,2.6s	82.19	45	eP	P	08 08 13.0 +1.3
LOHW	Long Hollow comp=Z,8.0nm,1.2s	82.21	45	eP	P	08 08 12.7 +0.9
CLTC	Calectric baz=82	82.21	56	eP	P	08 08 11.6 -0.1
RLMT	Red Lodge comp=Z,13nm,1.0s	82.26	43	P	P	08 08 12.1 +0.1
RLMT	Red Lodge comp=Z,13nm,1.0s	82.26	43	eP	P	08 08 13.0 +1.0
AHID	Auburn Hatcher comp=Z,16nm,1.3s	82.32	46	eP	P	08 08 12.7 +0.3
DUG	Dugway comp=Z,18nm,1.2s	82.47	49	eP	Pmax	08 08 13.3 +0.2
DUG	Dugway baz=82, SNR=12	82.47	49	P	P	08 08 13.1 0.0
DUG	Dugway comp=Z,18nm,1.2s	82.47	49	eP	P	08 08 13.3 +0.2
MURC	Murrieta baz=82	82.52	56	P	P	08 08 12.1 -1.3
HEC	Hector, Ludlow baz=82	82.59	54	P	P	08 08 14.2 +0.5
TUC	Turquoise Moun baz=82, SNR=8.7	82.60	54	P	P	08 08 14.0 +0.2
PFO	Pinyon Flat Ob comp=Z,22nm,1.4s	83.07	56	eP	Pmax	08 08 16.3 0.0
PFO	Pinyon Flat Ob comp=Z,22nm,1.4s	83.07	56	eP	P	08 08 16.2 0.0
PFO	Pinyon Flat Ob comp=Z,52nm,1.0s, SNR=5.0	83.07	56	P	P	08 08 16.6 +0.3
PFO	Pinyon Flat Ob comp=Z,22nm,1.4s	83.07	56	eP	P	08 08 16.3 0.0
NLU	North Lily Mtn comp=Z,9.5nm,1.6s	83.08	49	eP	P	08 08 17.0 +0.6
AKASG	Malin Array Be comp=Z,2.7nm,0.7s, baz=48, slow=5.1, SNR=9.1	83.09	324	P	P	08 08 14.8 -1.1
AKASG	Malin Array Be comp=Z,2.7nm,0.7s, baz=48, slow=5.1, SNR=9.1	83.09	324	eP	LR	08 48 46.9
GMRC	Granite Mounta baz=83, SNR=12	83.10	54	P	P	08 08 16.3 -0.1
KIEV	Kiev comp=Z,6.0nm,0.8s	83.11	324	eP	Pmax	08 08 15.5 -0.5
AK11	Malin Array Si Belle Mtn, Jos	83.14	324	eP	P	08 08 15.9 -0.2
BELC	Belle Mtn, Jos baz=83, SNR=7.3	83.22	55	P	P	08 08 16.8 -0.3
LAO	LASA Array baz=83	83.24	41	P	P	08 08 17.0 +0.1
LAO	LASA Array comp=Z,22nm,1.2s	83.24	41	eP	P	08 08 17.8 +0.9
BW06	Boulder Array comp=Z,54nm,2.5s	83.30	45	eP	P	08 08 17.6 +0.2
PDAR	Pinedale Array comp=Z,2.8nm,0.9s, baz=264, slow=3.0, SNR=11	83.30	45	P	LR	08 08 17.6 +0.1
PDAR	Pinedale Array comp=Z,2.8nm,0.9s, baz=264, slow=3.0, SNR=11	83.30	45	P	LR	08 38 14.0
MPU	Maple Canyon comp=Z,16nm,1.3s	83.35	48	eP	P	08 08 18.3 +0.6
CCUT	Cedar City comp=Z,17nm,1.4s	83.39	51	eP	P	08 08 18.9 +0.8
MONP	Monument Peak baz=83	83.43	56	P	P	08 08 18.2 -0.1
MSU	Marysvalle baz=83	83.73	50	eP	P	08 08 20.7 +0.9
MSU	Marysvalle baz=83	83.73	50	eP	P	08 08 20.7 +0.9
IRM	Iron Mountain baz=84, SNR=5.8	83.76	55	P	P	08 08 20.3 +0.6
BC3	Big Chuckawall baz=84, SNR=10	83.78	55	P	P	08 08 20.3 +0.3
IBP	Imperial Bould baz=84	83.78	57	P	P	08 08 20.7 +0.8
NOA	NORSAR Array B comp=Z,1.9nm,0.9s, baz=43, slow=5.1, SNR=3.9	83.82	339	P	LR	08 08 18.9 -0.6
NOA	NORSAR Array B comp=Z,1.9nm,0.9s, baz=43, slow=5.1, SNR=3.9	83.82	339	P	LR	08 51 23.8
SWSC	Sam W. Stewart baz=84	83.87	56	P	P	08 08 20.4 +0.2
TMUT	Trail Mountain comp=Z,95nm,2.7s	83.99	49	eP	P	08 08 22.2 +1.1
B25A	Knox Farm, Ray baz=84	84.08	38	P	P	08 08 21.1 0.0
P17A	Butcher Ranch, comp=Z,12nm,1.0s	84.22	48	eP	P	08 08 23.2 +1.1
MALT	Malatya comp=Z,31nm,2.1s	84.22	310	P	P	08 08 19.7 -2.4
MALT	Malatya comp=Z,31nm,2.1s	84.22	310	P	P	08 08 19.7 -2.4
Y12C	Blythe baz=84	84.22	55	P	P	08 08 23.5 +0.5
PDMC1	Parker Dam, Lak baz=84	84.43	54	P	P	08 08 23.7 +0.6
GLA	Glamis baz=84	84.53	56	P	P	08 08 24.2 +0.5
SRU	San Rafael comp=Z,12nm,0.9s	84.55	49	eP	Pmax	08 08 24.2 +0.4
SRU	San Rafael comp=Z,12nm,0.9s	84.55	49	eP	P	08 08 24.2 +0.4
D25A	Fairfield baz=84	84.63	39	P	P	08 08 24.6 +0.7
C26A	Wahner Farm, P baz=84	84.92	38	P	P	08 08 25.2 -0.1
E25A	Miller Ranch, baz=85	84.96	40	P	P	08 08 25.4 -0.2
D26A	Manning baz=85	85.20	39	P	P	08 08 25.9 -0.9
A28A	Rude Farm, Bot baz=85	85.27	36	P	P	08 08 24.6 -2.5
C27A	Sayler Ranch, baz=85	85.31	38	P	P	08 08 26.5 -0.8
B28A	Dugan Ranch, T baz=85	85.49	37	P	P	08 08 26.9 -1.2
E26A	Carlson Angus	85.51	39	P	P	08 08 27.9 -0.5

2010 DEC

O20A	White River Ci baz=85, SNR=6.5	85.52	47	P	P	08 08 28.5 -0.3
O20A	White River Ci comp=Z,12nm,1.0s	85.52	47	eP	P	08 08 29.0 +0.3
D27A	Center baz=86	85.66	38	P	P	08 08 28.9 -0.2
WUAZ	Wupatki baz=86, SNR=7.4	85.79	52	P	P	08 08 30.2 +0.1
WUAZ	Wupatki comp=Z,12nm,1.0s	85.79	52	eP	P	08 08 30.6 +0.5
A29A	Manning Farm, baz=86	85.80	36	P	P	08 08 30.0 +0.3
H25A	Fruitale baz=86, SNR=7.5	85.92	41	P	P	08 08 30.9 +0.5
RSSD	Black Hills comp=Z,28nm,1.8s	85.94	42	eP	Pmax	08 08 30.9 +0.1
RSSD	Black Hills comp=Z,28nm,1.8s	85.94	42	eP	Pmax	08 08 30.9 +0.1
B29A	Wagenman Farm, baz=86	86.02	36	P	P	08 08 30.4 -0.4
E27A	Carson baz=86	86.03	39	P	P	08 08 29.9 -1.1
RAYN	Ar Rayn comp=Z,106nm,1.1s, SNR=8.8	86.06	294	P	P	08 08 32.2 +0.7
RAYN	Ar Rayn comp=Z,32nm,1.3s	86.06	294	eP	P	08 08 32.3 +0.7
F27A	Lenmon baz=86, SNR=5.5	86.11	40	P	P	08 08 31.0 -0.3
G26A	Maurine baz=86, SNR=5.8	86.11	40	P	P	08 08 30.9 -0.5
I25A	Rochford baz=86	86.18	42	P	P	08 08 30.8 -1.1
MDND	Maddock baz=86	86.26	37	P	P	08 08 30.5 -1.5
A30A	Hoffart Farm, baz=86, SNR=6.1	86.28	36	P	P	08 08 32.2 +0.1
H26A	Fairpoint baz=86	86.40	41	P	P	08 08 32.3 -0.5
G27A	Dupree baz=86	86.44	40	P	P	08 08 32.4 -0.6
J25A	Sunshine Ranch baz=86	86.50	42	P	P	08 08 32.0 -1.4
214A	Organ Pipe Nat baz=86	86.55	56	P	P	08 08 33.7 -0.1
B30A	Mryvik Farm, E baz=86, SNR=9.1	86.56	36	P	P	08 08 33.6 +0.1
N23A	Red Feather La baz=86, SNR=9.6	86.58	45	P	P	08 08 34.2 +0.1
N23A	Red Feather La comp=Z,31nm,1.4s	86.58	45	eP	P	08 08 34.6 +0.6
PHWY	Pilot Hill comp=Z,21nm,1.5s	86.66	45	eP	P	08 08 35.4 +1.0
BRTR	Reskin Array B comp=Z,2.1nm,0.9s, baz=80, slow=4.3, SNR=6.9	86.66	313	P	LR	08 08 33.0 -1.4
BRTR	Reskin Array B comp=Z,2.1nm,0.9s, baz=80, slow=4.3, SNR=6.9	86.66	313	P	LR	08 51 09.4
BRTR	Reskin Array B comp=Z,2.1nm,0.9s, baz=80, slow=4.3, SNR=6.9	86.66	313	P	LR	08 08 33.7 -0.6
BRTR	Reskin Array B comp=Z,2.1nm,0.9s, baz=80, slow=4.3, SNR=6.9	86.66	313	P	LR	08 08 33.7 -0.6
ULM	Lac du Bonnet comp=Z,2.0nm,0.9s	86.67	34	P	P	08 08 33.4 -0.6
ULM	Lac du Bonnet comp=Z,2.6nm,0.9s, baz=0.2, slow=12, SNR=3.6	86.67	34	P	LR	08 49 19.1
ULM	Lac du Bonnet comp=Z,1.04nm,19.2s, baz=8.0, slow=37	86.67	34	P	P	08 08 33.4 -0.6
ULM	Lac du Bonnet comp=Z,3.0nm,0.9s	86.67	34	P	MLR	08 08 33.4 -0.6
I26A	New Underwood baz=86	86.69	41	P	P	08 08 34.8 +0.5
H27A	Howes baz=87	86.80	41	P	P	08 08 34.1 -0.6
F28A	McLaughlin baz=87, SNR=5.3	86.81	39	P	P	08 08 34.9 +0.1
SMCO	Snowmass comp=Z,5nm,1.3s	86.86	47	eP	P	08 08 36.3 +0.7
MVCO	Mesa Verde comp=Z,55nm,2.3s	86.90	49	P	P	08 08 34.0 -1.6
MVCO	Mesa Verde comp=Z,55nm,2.3s	86.90	49	eP	P	08 08 36.3 +0.7
B31A	Greenbush Farm baz=87	86.94	36	P	P	08 08 35.3 0.0
C30A	Mose, Pekin baz=87	86.95	37	P	P	08 08 34.8 -0.6
J26A	Sides Ranch, S baz=87	86.98	42	P	P	08 08 35.6 -0.1
KWP	Kalwaria Pacla baz=87	87.07	326	P	P	08 08 36.4 +0.5
KWP	Kalwaria Pacla baz=87	87.07	326	P	P	08 08 36.4 +0.5
I27A	Quinn baz=87, SNR=5.9	87.14	41	P	P	08 08 36.1 -0.4
BR23	Reskin MP Arra D30A Buchanan baz=87, SNR=5.9	87.15	314	eP	P	08 08 34.5 -2.2
BR23	Reskin MP Arra D30A Buchanan baz=87, SNR=5.9	87.17	317	P	P	08 08 36.4 0.0
G28A	Parade baz=87	87.20	40	P	P	08 08 36.5 -0.2
A32A	Rocking H Ranc baz=87	87.22	35	P	P	08 08 35.7 -1.0
C31A	Landman Farms, baz=87, SNR=5.6	87.29	36	P	P	08 08 36.4 -0.6
H28A	Mission Ridge baz=87	87.38	40	P	P	08 08 37.4 -0.2
ISCO	Idaho Springs baz=87	87.39	46	P	P	08 08 37.4 -0.7
E30A	Jud baz=87, SNR=5.6	87.46	38	P	P	08 08 37.1 -0.7
B32A	Ashes, Strandj baz=87	87.53	35	P	P	08 08 37.9 -0.3
J27A	Elkhorn Farm, baz=88	87.65	42	P	P	08 08

Table with columns: U35A, Pawnee, 95.06, 45, P, P, 08 09 13.7 +0.3, etc. Lists various astronomical objects and their coordinates.

NIED 25 08:02:00.27:20N:143:80E, h8km, Mw4.1 Best double couple: Mo1.45000x10^15 NP1.325.00000, 816.00000, lambda=52.00000, NP2.0106.00000, 878.00000, lambda=100.00000.

IDC 25 08:02:05.7:0.8, 27:02N:143:87E, h0km, mb3.8/13, mb1 4.0/16, mb1mx3.5/42, mbtmp3.9/16, ML3.7/2, Error ellipse: s-maj=20.4km s-min=16.1km az=93.0

NEIC 25 08:02:07.3:0.5, 27:07N:143:84E, h10km, mb4.2/4, Error ellipse: s-maj=12.6km s-min=8.7km az=79.0

JMA 25 08:02:08.4:0.3, 27:22N:143:75E, h6km, ML4.5, Error ellipse: s-maj=15.8km s-min=10.7km az=88.0

ISCJB 25 08:02:09.2:0.6, 27:25N:143:69E, h0.1, h33km, mb3.9/16, Error ellipse: s-maj=8.9km s-min=5.6km az=145.4

ISC 25 08:02:11.4:0.8, 27:13N:143:67E, h0.8, h35km, n32, alpha135/36, mb3.9/16, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations and their details.

CSEM 25 08:02:13.8, 38:90N:21:15E, h18km, MD2.8, After ATH

ATH 25 08:02:13.8, 38:90N:21:15E, h18km, 2km, MD2.8/16, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations in Greece.

Table with columns: JUAN, Janina, 0.79 343, ePn, P, 08 02 29.2 +0.1, etc. Lists seismic stations in the Bonin Islands region.

IDC 25 08:11:27.3:5.9, 26:39N:143:70E, h0km, mb3.7/1, mb1 3.9/5, mb1mx3.5/42, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=230.7km s-min=22.9km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for IDC 25 08:11:27.3:5.9.

ISCJ 25 08:15:49.4:0.9, 27:0N:143:72E, h0.1, h10km, mb3.6/7, Error ellipse: s-maj=15.6km s-min=12.3km az=176.3

IDC 25 08:15:49.9:1.0, 27:03N:143:88E, h0km, mb3.5/7, mb1 3.7/8, mb1mx3.6/43, mbtmp3.6/8, ML3.8/1, Error ellipse: s-maj=35.5km s-min=19.7km az=88.0

ISC 25 08:15:51.7:1.1, 27:1N:143:7E, h0.1, h10km, n9, alpha113/9, mb3.5/7, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for IDC 25 08:15:49.9:1.0.

IDC 25 08:20:36.2:2.5, 26:97N:143:74E, h0km, mb3.3/2, mb1 3.8/3, mb1mx3.3/41, mbtmp3.3/3, ML4.3/1, Error ellipse: s-maj=54.0km s-min=28.7km az=65.0

ISCJB 25 08:20:38.1:1.3, 27:22N:143:79E, h0.1, h33km, mb3.4/2, Error ellipse: s-maj=15.8km s-min=7.7km az=44.1

JMA 25 08:20:39.6:0.1, 27:15N:143:65E, h79km, M3.6, Error ellipse: s-maj=20.4km s-min=16.2km az=79.0

ISC 25 08:20:40.6:1.6, 27:21N:143:7E, h0.1, h35km, n10, alpha103/13, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for IDC 25 08:20:36.2:2.5.

IDC 25 08:22:52.1:2.2, 27:09N:143:65E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.4/36, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=47.6km s-min=29.4km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for IDC 25 08:22:52.1:2.2.

IDC 25 08:27:33.7:0.8, 27:14N:143:43E, h0km, mb3.7/12, mb1 3.9/13, mb1mx3.8/39, mbtmp3.7/13, ML3.9/1, MS4.6/1, mb1 4.6/1, mb1mx3.8/39, Error ellipse: s-maj=20.0km s-min=18.7km az=120.0

ISCJB 25 08:27:37.0:0.7, 27:24N:143:44E, h0.06, h33km, mb3.7/12, MS4.6/1, Error ellipse: s-maj=12.5km s-min=6.3km az=151.9

JMA 25 08:27:36.5:2.7, 29N:143:41E, h69km, M3.2, Error ellipse: s-maj=27.3km s-min=22.9km az=77.0

ISC 25 08:27:39.2:0.8, 27:22N:143:35E, h0.8, h35km, n19, alpha89/21, mb3.7/12, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for IDC 25 08:27:33.7:0.8.

Table with columns: SONM, Songino Array, 35.36 316, P, P, 08 34 32.6 +1.2, etc. Lists seismic stations in the Bonin Islands region.

ISCJB 25 08:29:22.3:0.8, 27:30N:143:44E, h0.09, h10km, mb3.7/10, Error ellipse: s-maj=14.8km s-min=10.2km az=155.7

IDC 25 08:29:22.4:0.9, 27:32N:143:45E, h0km, mb3.7/10, mb1 4.0/11, mb1mx3.8/48, mbtmp3.7/11, ML3.7/1, Error ellipse: s-maj=23.0km s-min=18.7km az=102.0

ISC 25 08:29:24.0:0.9, 27:3N:143:38E, h0.10, h10km, n13, alpha68/14, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for ISCJB 25 08:29:22.3:0.8.

ISCJB 25 08:34:04.1:0.7, 26:73N:146:16E, h0.07, h10km, mb3.9/13, MS4.2/1, Error ellipse: s-maj=13.2km s-min=8.6km az=23.8

IDC 25 08:34:41.0:0.8, 26:68N:144:03E, h0km, mb3.8/10, mb1 4.0/11, mb1mx3.8/40, mbtmp3.8/11, ML3.4/1, MS3.7/2, MS1 3.7/2, ms1tmp2.7/49, Error ellipse: s-maj=24.0km s-min=17.9km az=77.0

NEIC 25 08:34:42.0:0.5, 26:69N:144:07E, h10km, mb4.3/4, Error ellipse: s-maj=15.8km s-min=10.3km az=72.0

ISC 25 08:34:42.6:0.8, 26:7N:144:03E, h0.09, h10km, n20, alpha88/20, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for ISCJB 25 08:34:04.1:0.7.

ISCJB 25 08:35:14.4:0.4, 35:15S:104:69, h83W, h156km, 3km, mb4.1/25, Error ellipse: s-maj=7.6km s-min=5.9km az=17.8

IDC 25 08:35:15.0:2.2, 35:14S:69:75W, h152km, 19km, mb4.0/11, mb1 4.0/15, mb1mx3.9/28, mbtmp3.7/15, Error ellipse: s-maj=18.8km s-min=14.6km az=63.0

NEIC 25 08:35:14.8:0.8, 35:15S:69:74W, h149km, 7km, mb4.3/15, Error ellipse: s-maj=11.6km s-min=7.6km az=76.0

SJA 25 08:35:14.7:0.9, 35:03S:69:99W, h172km, 27km, ML4.0

GUC 25 08:35:15.0:0.5, 35:00S:70:35W, h168km, 5km, ML4.3

ISC 25 08:35:15.0:0.4, 35:15S:104:69, h0.06, h155km, n6km, n7.1, alpha87/86, mb4.2/25, Mendoza Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Lists seismic stations for ISCJB 25 08:35:14.4:0.4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAGR Agrelo, ASAL Salagasta, ARCO CERRO ARCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAN 25 08:43:58, BOLD Bolinao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABRA Dolores, ABRA SIBPA, ABRA Brgy, Tapao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCBJ 25 09:01:41, ISCBJ 25 09:01:41, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLR Kul'dur, SOMM Sogino Array, WRA Warramunga Arr, etc.

25d 10h

Table with columns: PTGA, TXAR, TORD, BOS, PDAR, ASAR, WRA, MKAR. Includes station names, coordinates, and status.

ISCJB 25 09:40:14.8:0.7, 27:09N:0.08:143.79E:0.06, h10km, mb3.7/1, Error ellipse: s-maj=12.5km s-min=6.7km

IDC 25 09:40:14.8:0.7, 27:03N:143.81E, h0km, mb3.7/10, mb1.3/9.12, mb1mx3.8/40, mbtmp3.7/12, ML3.6/2, Error ellipse: s-maj=23.8km s-min=19.2km az=70.0

JMA 25 09:40:17.1:0.3, 27:18N:143.63E, h6km, M4.8, ISC 25 09:40:16.0:0.9, 27:11N:143.74E:0.08, h10km, n18, a126/20, mb3.7/11, Bonin Islands region

Main table for 25d 10h section, listing stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

ISCJB 25 09:43:40.8:1.1, 51:48N:0.05:160.9E:0.06, h0km, Error ellipse: s-maj=7.5km s-min=3.9km az=29.0

CSEM 25 09:43:41.5:0.7, 51:52N:16.10E, h2km, ML2.8/4, Error ellipse: s-maj=9.7km s-min=6.2km az=7.0

PRU 25 09:43:42.3:51:51N:16.12E, h0km, ISC 25 09:43:41.4:1.7, 51:54N:16.13E:0.04, h0km, n18, a054/34, Poland

Main table for 25d 10h section, listing stations like KSP, UPIC, DPC, PVCC, BRG, PRU, etc.

IDC 25 09:43:52.3:1.8, 22:23S:129.63E, h0km, mb3.5/1, mb1.3/3.5, mb1mx3.2/37, mbtmp3.2/5, ML3.2/4, Error ellipse: s-maj=37.2km s-min=19.4km az=29.0

ISCJB 25 09:43:53.3:0.7, 22:03S:129.70E:0.05, h10km, mb3.3/1, Error ellipse: s-maj=10.1km s-min=6.1km az=30.3

AUST 25 09:43:53.6:0.4, 22:21S:129.53E, h10km, Error ellipse: s-maj=6.3km s-min=3.4km az=29.0

ISC 25 09:43:53.6:0.4, 22:22S:129.62E:0.06, h10km, n11, a178/16, Northern Territory

Main table for 25d 10h section, listing stations like WRKA, ASAR, WRA, etc.

2010 DEC

Table with columns: FITZ, KNRA, KDU, MORW, STKA, MKAR. Includes station names, coordinates, and status.

CSEM 25 09:45:48.1:32:45N:35.92E, h5km, ML 1.6, After NSSC NSSC 25 09:45:48.1:1.4, 32:45N:35.92E, h6km, 6km, MD1.3

ML1.6, Dead Sea region

Main table for 2010 DEC section, listing stations like TCHB, TCHH, TCHV, TCHW, TCHX, etc.

CSEM 25 09:46:05.8:0.3, 28:45N:59.03E, h2km, ML3.5, Error ellipse: s-maj=6.9km s-min=4.8km az=158.0

TEH 25 09:46:08.4, 28:47N:59.08E, h29km, ML3.5, Southern Iran

Main table for 2010 DEC section, listing stations like ZHFS, ZHSE, ZHSH, CHMN, NIAN, KRBR, TVBK, TVSK, GENS, BNSD, KHGB, IDAH, etc.

IDC 25 09:49:51.8:2.3, 54:12N:86.40E, h0km, mb1.3/4.2, mb1mx3.0/50, mbtmp3.4/2, ML3.2/2, Error ellipse: s-maj=18.6km s-min=10.9km az=62.0, Southwestern Siberia

Main table for 2010 DEC section, listing stations like I46RU, ZALV, ZALW, KURBB, MKAR, etc.

1462

Table with columns: MKAR. Includes station name, coordinates, and status.

IDC 25 09:50:18.5:8.0, 10:63S:165.07E, h88km, mb3.6/7km, mb3.3/6, mb1mx3.3/38, mbtmp3.8/6, ML4.7/1, MS2.6/1, Ms1.2/0.1, ms1mx2.4/16, Error ellipse: s-maj=60.2km s-min=29.4km az=121.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, HNR, HNR, CTA, STKA, WRA, ASAR, ILAR.

ISCJB 25 09:54:31.7:0.5, 55:1N:0.2:162.9W:0.1, h103km, 6km, mb3.0/2, Error ellipse: s-maj=31.7km s-min=5.5km az=156.3

NEIC 25 09:54:32.4:1.0, 55:17N:162.73W, h92km, MG2.9(AEIC), After AEIC

IDC 25 09:54:37.3:3.8, 0.55:25N:162.24W, h103km, 5.5km, mb2.7/2, mb1.3/0.4, mb1mx2.9/48, mbtmp3.1/4, Error ellipse: s-maj=61.9km s-min=57.8km az=37.0

ISC 25 09:54:32.4:1.0, 55:1N:0.2:162.94W:0.09, h100km, 7km, n21, a126/27, Alaska Peninsula

Main table for 1462 section, listing stations like BALA, FALS, DTI, ORIA, ISLZ, DOL, DOL, PSAA, SSSL, SSSL, WESW, WESP, SDPT, AHB, ZRO, UNV, UNV, MSW, CHGN, KDKA, KDKA, ILAR, YKA, TXAR.

IDC 25 09:54:35.2:7.4, 26:90N:144.18E, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.4/40, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=273.9km s-min=31.0km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, MJAR, WRA, MKAR.

IDC 25 09:56:08.9:2.9, 54:20N:87.36E, h0km, mb1.3/0.3, mb1mx2.9/49, mbtmp3.0/3, ML2.8/3, 2C, Error ellipse: s-maj=26.4km s-min=15.1km az=65.0, Southwestern Siberia

Main table for 1462 section, listing stations like I46RU, ZALV, ZALW, KURBB, MKAR, etc.

IDC 25 09:57:31.9:3.1, 26:47N:143.08E, h0km, mb3.4/2, mb1.3/0.1, mb1mx3.3/38, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=83.0km s-min=18.4km az=60.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, JCJ, JCJ, MJAR, WRA, ASAR.

IDC 25 10:03:23.1:0.9, 26:65N:143.81E, h0km, mb3.9/12, mb1.4/1.6, mb1mx4.0/37, mbtmp4.1/16, ML4.0/3, MS3.0/1, Ms1.3/0.1, ms1mx2.4/50, Error ellipse: s-maj=26.1km s-min=17.1km az=78.0

JMA 25 10:03:23.6:0.2, 26:87N:143.94E, h24km, M4.5, MOS 25 10:03:23.2:0.9, 26:59N:143.82E, h10km, mb4.5/22, Error ellipse: s-maj=21.0km s-min=8.9km az=118.1

NEIC 25 10:03:24.8:0.5, 26:62N:143.81E, h10km, mb4.6/5, Error ellipse: s-maj=13.2km s-min=9.0km az=71.0

ISC 25 10:03:24.8:0.5, 26:74N:143.77E:0.08, h35km, n59, a174/65, mb3.9/37, 6C-4D, Bonin Islands region

Main table for 1462 section, listing stations like JHHJ, JHHJ, CBJJ, CBJJ, CBJJ.

CBU		eSn	Sn	10 04 11.7 +0.6
JCJ	Chichijima baz=122,slow=18	Pn	Pn	10 03 51.0 -2.1
JCJ	baz=294,slow=19	Sn	Sn	10 04 10.9 -0.2
JHU	Hachiojima 2 12nm,0.3s,baz=81,slow=19,SNR=3.5	Pn	Pn	10 05 09.9 -2.6
JOD2	Odawara 2 9.40 336 P	Pn	Pn	10 05 40.0 -2.2
JRU	Hanno 9.86 338 P	Pn	Pn	10 05 45.6 -2.9
JHU		eS	Sn	10 07 34.9 -3.1
JRY	Yogami san 10.14 337 P	Pn	Pn	10 05 50.3 -2.1
JHO	Hitachi 10.21 345 P	Pn	Pn	10 05 49.6 -3.7
JAG	Ashikaga 10.33 340 P	Pn	Pn	10 05 52.1 -2.9
MMJ	Matsushiro Arr 10.86 336 Pn	Pn	Pn	10 05 59.4 -2.8
MMJ	Matsushiro Arr 10.86 336 P	Pn	Pn	10 05 59.4 -2.8
MAJO	Matsushiro 10.86 336 P	Pn	Pn	10 06 00.1 -2.1
MAT	Matsushiro 10.86 336 P	Pn	Pn	10 07 34.9 -3.1
KSR5	Korea Array 17.14 312 P	Pn	Pn	10 07 26.2 +0.3
KSR5	comp=Z,0.2nm,0.3s,baz=123,slow=12,SNR=13	LR	LR	10 13 42.3
KSAR	comp=Z,49nm,18.3s,baz=30,slow=36	Pn	Pn	10 07 26.3 +0.1
KSAR	Wonju Array Be 17.16 312 P	Pn	Pn	10 07 26.2 +0.1
USRK	Ussuriysk Arr 19.85 334 P	Pn	Pn	10 07 56.7 -0.5
comp=Z,0.1nm,0.3s,baz=155,slow=10,SNR=9.2				
KLR	Kul'dur 24.31 341 P	P	P	10 08 43.6 +0.2
KLR	Kul'dur 24.31 341 P	P	P	10 08 43.6 +0.2
comp=Z,5.0nm,0.8s				
ULN	Ulanbaatar 35.56 316 P	P	P	10 10 23.2 -0.1
ULN	comp=Z,7.0nm,1.7s	Pmax	Pmax	10 10 26.6 0.0
SOMM	Songino Array 35.95 316 P	P	P	10 10 26.6 0.0
SOMM	Songino Array 35.95 316 P	P	P	10 10 26.6 0.0
SOMM	comp=Z,2.0nm,0.9s	Pmax	Pmax	10 10 31.2 +0.1
YAK	Yakutsk 36.53 349 P	P	P	10 10 31.2 +0.1
YAK	comp=Z,9.0nm,1.0s	Pmax	Pmax	10 10 51.2 +0.4
ZAK	Zakamensk 38.81 318 P	P	P	10 10 51.2 +0.4
ZAK	comp=Z,9.0nm,1.1s	Pmax	Pmax	10 11 30.7 +1.8
BILL	Bilibino 43.50 12 P	P	P	10 13 10.7
BILL	comp=Z,3.0nm,1.3s	Pmax	Pmax	10 11 57.9 -1.5
WRAB	Tennant Creek 47.29 192 P	P	P	10 11 57.9 -1.5
WRAB	comp=Z,4.0nm,0.8s	Pmax	Pmax	10 11 57.6 -1.9
WRAB	Tennant Creek 47.29 192 P	P	P	10 11 57.6 -1.9
WRA	Warramunga Arr 47.30 192 P	P	P	10 11 57.6 -1.9
WRA	comp=Z,3.0nm,1.0s	Pmax	Pmax	10 12 24.0 -1.1
ZALV	Zalesovo Beam 50.69 319 P	P	P	10 12 24.5 -0.6
ZALV	comp=Z,0.1nm,0.4s,baz=80,slow=6,SNR=8.8	P	P	10 12 26.2 -1.6
ASAR	Alice Springs 51.01 192 P	P	P	10 12 33.5 -0.1
ASAR	comp=Z,1.0nm,0.8s	Pmax	Pmax	10 12 34.4 +0.8
MKAR	Makanchi Array 51.79 310 P	P	P	10 12 34.4 +0.8
MKAR	comp=Z,1.0nm,0.5s,baz=78,slow=11,SNR=14	Pmax	Pmax	10 13 11.5 +1.3
TKM2	Tokmak 2 56.78 305 P	P	P	10 13 11.5 +1.3
TKM2	comp=Z,3.0nm,1.1s	Pmax	Pmax	10 13 13.1 -0.5
TKM2	Tokmak 2 56.78 305 P	P	P	10 13 13.1 -0.5
ILAR	Eielson Array 57.35 28 P	P	P	10 13 13.1 -0.5
ILAR	comp=Z,0.8nm,0.9s,baz=295,slow=6.8,SNR=6.1	Pmax	Pmax	10 13 16.6 +0.5
ILAR	Eielson Array 57.35 28 P	P	P	10 13 16.6 +0.5
AAK	Ala-Archa 57.62 305 P	P	P	10 13 28.6 +1.0
AAK	comp=Z,5.0nm,1.0s	Pmax	Pmax	10 13 35.8 +0.4
BRVK	Borovoye 59.32 318 P	P	P	10 13 35.8 +0.4
BRVK	comp=Z,1.1nm,1.7s	Pmax	Pmax	10 14 09.8 +0.6
KKAR	Karatay Array 60.44 306 P	P	P	10 14 09.8 +0.6
KKAR	comp=Z,3.0nm,0.5s	Pmax	Pmax	10 14 14.2 -0.2
ARU	Arti 65.57 323 P	P	P	10 14 14.2 -0.2
ARU	comp=Z,2.6nm,0.5s	Pmax	Pmax	10 14 47.0 -0.7
ARU	Arti 65.57 323 P	P	P	10 15 03.3 +0.5
ARU	comp=Z,1.0nm,0.9s	Pmax	Pmax	10 15 03.3 +0.5
ARU	Arti 65.57 323 P	P	P	10 15 03.3 +0.5
ABKAR	Akbulak array 66.36 315 P	P	P	10 15 28.6 0.0
ABKAR	comp=Z,6.4nm,0.8s	Pmax	Pmax	10 15 28.7 0.0
YKA	Yellowknife Arr 71.78 29 P	P	P	10 15 34.1 +2.6
YKA	comp=Z,3.4nm,0.8s,baz=285,slow=5.9,SNR=4.2	Pmax	Pmax	10 15 40.0 -0.2
ARCES	ARCES Array B 74.34 341 P	P	P	10 15 40.0 -0.2
ARCES	comp=Z,2.9nm,0.8s,baz=57,slow=6.6,SNR=2.8	Pmax	Pmax	10 15 53.8 -0.8
ARCES	ARCES Array B 74.34 341 P	P	P	10 15 53.8 -0.8
OBN	Obninsk 77.62 326 P	P	P	10 15 59.9 +1.3
OBN	comp=Z,3.0nm,0.8s	Pmax	Pmax	10 16 12.7 0.0
OBN	Obninsk 77.62 326 P	P	P	10 16 14.1 +1.4
OBN	comp=Z,1.0nm,0.7s	Pmax	Pmax	10 16 31.0 +1.1
FINES	FINESS Array B 78.89 334 P	P	P	10 16 31.0 +1.1
FINES	comp=Z,5.0nm,0.9s	Pmax	Pmax	10 17 12.0 -5.3
FINES	FINESS Array B 78.89 334 P	P	P	10 17 12.0 -5.3
FINES	comp=Z,2.1nm,0.9s,baz=96,slow=3.8,SNR=4.2	Pmax	Pmax	10 17 23.0 +0.7
KIV	Kislodovsk 79.32 314 P	P	P	10 17 23.0 +0.7
KIV	comp=Z,2.0nm,0.9s	Pmax	Pmax	10 17 29.8 -0.8
KIV	Kislodovsk 79.32 314 P	P	P	10 17 29.8 -0.8
AKASG	Malin Array Be 83.74 324 P	P	P	10 17 29.8 -0.8
AKASG	comp=Z,3.0nm,1.0s	Pmax	Pmax	10 17 32.5 +0.1
AKASG	Malin Array Be 83.74 324 P	P	P	10 17 32.5 +0.1
AKASG	comp=Z,0.2nm,0.3s,baz=41,slow=4.2,SNR=4.2	Pmax	Pmax	10 17 32.5 +0.1
KIEV	Kiev 83.75 324 P	P	P	10 17 32.5 +0.1
KIEV	comp=Z,3.0nm,1.1s	Pmax	Pmax	10 17 32.5 +0.1
BRTR	Keskin Array B 87.28 314 P	P	P	10 17 32.5 +0.1
BRTR	comp=Z,0.7nm,0.7s,baz=81,slow=3.9,SNR=4.6	Pmax	Pmax	10 17 32.5 +0.1
BRTR	Keskin Array B 87.28 314 P	P	P	10 17 32.5 +0.1
CLL	Collim 91.04 332 P	P	P	10 17 32.5 +0.1
CLL	comp=Z,19nm,1.9s	Pmax	Pmax	10 17 32.5 +0.1

2010 DEC

25d 10h

25d 10h:19:38.5:2.0,27:16N:143:47E,h0km,mb3.5/3,
mb1 3.7/4,mb1mx3.4/48,mbtmp3.5/4,ML3.2/1, Error
ellipse: s-maj=43.9km s-min=24.8km az=65.0, Bonin
Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JCJ	Chichijima	1.15 267	Op	10 20 01.8 -0.1	
JCJ	27nm,0.3s,baz=53,slow=20,SNR=11				
JCJ	Chichijima	1.15 267	Op	10 20 15.1 -0.3	
JCJ	23nm,0.3s,baz=114,slow=24,SNR=5.8				
MMJ	Matsushiro Arr	10.37 336	Pn	10 22 08.1 -0.4	
MMJ	0.2nm,0.3s,baz=153,slow=8,SNR=15.4				
WRA	Warramunga Arr	47.65 192	P	10 28 17.4 +0.7	
WRA	0.1nm,0.6s,baz=113,slow=7,SNR=7.8				
ASAR	Alice Springs	51.36 191	P	10 28 40.0 -1.1	
ASAR	0.3nm,0.6s,baz=110,slow=6.1,SNR=4.5				
KURBB	Kurchatov Arra	51.31 314	P	10 29 02.8 -0.1	
KURBB	0.2nm,0.3s,baz=89,slow=8.0,SNR=2.8				

2010 DEC

25d 10h

25d 10h:27:22.6:2.1,26:99N:143:60E,h0km,mb3.5/3,
mb1 3.7/4,mb1mx3.4/41,mbtmp3.5/4,ML3.1/1, Error
ellipse: s-maj=50.1km s-min=23.5km az=64.0, Bonin
Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JCJ	Chichijima	1.26 275	Op	10 27 47.6 +0.1	
JCJ	14nm,0.3s,baz=162,slow=11,SNR=3.1				
JCJ	Chichijima	1.26 275	Op	10 28 03.4 +0.2	
JCJ	54nm,0.3s,baz=97,slow=23,SNR=6.5				
MMJ	Matsushiro Arr	10.57 336	Pn	10 29 54.0 -1.4	
MMJ	0.1nm,0.3s,baz=156,slow=12,SNR=3.0				
WRA	Warramunga Arr	47.51 192	P	10 35 59.8 +0.1	
WRA	0.7nm,0.6s,baz=102,slow=8.3,SNR=10.0				
ASAR	Alice Springs	51.22 191	P	10 36 27.5 -0.6	
ASAR	0.3nm,0.9s,baz=3.8,slow=6.0,SNR=3.3				
KURBB	Kurchatov Arra	54.01 314	P	10 36 48.6 +0.2	
KURBB	0.9nm,0.6s,baz=91,slow=8.2,SNR=7.7				

2010 DEC

25d 10h

25d 10h:30:32.5:1.2,27:1N:0:1:143:7E:0.1,h10km,mb3.7/3,
Error ellipse: s-maj=16.2km s-min=14.2km az=22.8
25d 10h:30:33.8:1.8,26:96N:143:55E,h0km,mb3.6/3,
mb1 3.7/5,mb1mx3.4/39,mbtmp3.6/5,ML2.6/2, Error
ellipse: s-maj=46.3km s-min=21.1km az=70.0
25d 10h:30:34.9:1.5,27:0N:0:1:143:6E:0.1,h10km,n6,
e0437,r,mb3.9/3,Bonin Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JCJ	Chichijima	1.23 274	Op	10 30 58.4 0.0	
JCJ	13nm,0.3s,baz=120,slow=20,SNR=3.1				
JCJ	Chichijima	1.23 274	Op	10 31 14.7 0.0	
JCJ	78nm,0.3s,baz=97,slow=23,SNR=6.5				
MMJ	Matsushiro Arr	10.52 336	Pn	10 33 05.3 -0.5	
MMJ	0.2nm,0.3s,baz=156,slow=11,SNR=3.8				
USRK	Ussuriysk Arr	19.51 334	Pn	10 35 03.9 +0.4	
USRK	0.1nm,0.3s,baz=167,slow=13,SNR=2.7				
WRA	Warramunga Arr	47.53 192	P	10 39 10.6 0.0	
WRA	0.5nm,0.5s,baz=12,slow=8.7,SNR=8.8				
ASAR	Alice Springs	51.25 191	P	10 39 38.7 -0.3	
ASAR	0.3nm,0.7s,baz=15,slow=7.7,SNR=3.2				
KURBB	Kurchatov Arra	59.36 314	P	10 39 59.3 +0.5	
KURBB	1.0nm,0.6s,baz=90,slow=8.3,SNR=1.5				

2010 DEC

25d 10h

25d 10h:33:24.8:2.1,3:65S:128:64E,h0km,mb3.1/2,
mb1 3.3/3,mb1mx3.2/33,mbtmp3.1/3,ML3.2/1, Error
ellipse: s-maj=140.7km s-min=27.9km az=68.0, Seram

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
WRA	Warramunga Arr	17.12 161	P	10 37 26.7 -0.8	
WRA	0.1nm,0.3s,baz=340,slow=11,SNR=6.1				
ASAR	Alice Springs	20.54 166	P	10 38 04.3 -0.8	
ASAR	0.3nm,0.6s,baz=345,slow=12,SNR=7.7				
MKAR	Makanchi Array	64.70 327	P	10 44 05.0 +0.1	
MKAR	0.2nm,0.4s,baz=118,slow=7.9,SNR=3.2				

2010 DEC

25d 10h

25d 10h:55:01.7:51:51N:16:11E,h0km
CSEM 25:10:55:03.4,51:46N:16:10E,h0km, After GFU
25:10:55:01.9:2.7,51:51N:0:1:16:08E:0.07,h0km,n14,
e072/24, Poland

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
KSP	Ksiaz	0.69 168	eP	10 55 14.9 -0.2	
KSP	comp=Z,0.1nm,0.4s,baz=340,slow=11,SNR=6.1				
UPC	Upice	1.01 182	eP	10 55 20.8 -0.5	
UPC	comp=Z,4.2nm,0.2s				
UPC	Upice	1.01 182	Pg	10 55 20.8 -0.5	
UPC	comp=Z,4.2nm,0.2s				
DPC	Dobruska-Polom	1.18 172	eP	10 55 23.7 -0.8	
DPC	comp=Z,0.1nm,0.4s,baz=340,slow=11,SNR=6.1				
DPC	Dobruska-Polom	1.18 172	Pg	10 55 23.7 -0.8	
DPC	comp=Z,0.1nm,0.4s,baz=340,slow=11,SNR=6.1				
PVCC	Panska Vys	1.37 225	eP	10 55 27.7 -0.5	
PVCC	comp=Z,7.8nm,0.2s				
PVCC	Panska Vys	1.37 225	Pg	10 55 27.7 -0.5	
PVCC	comp=Z,7.8nm,0.2s				
BRG	Bergshesselhubel	1.49 245	Pg	10 55 29.6 -0.3	
BRG	3.3nm,0.4s				
BRG	Bergshesselhubel	1.49 245	SG	10 55 49.8 +0.1	
BRG	comp=Z,5.0nm,1.0s				
GOPC	GO Peeny, Ondr	1.80 208	eS	10 55 59.4 +0.5	
GOPC	comp=Z,3.0nm,0.8s				
GOPC	GO Peeny, Ondr	1.80 208	SG	10 55 59.4 +0.5	
GOPC	comp=Z,3.0nm,0.8s				
PRU	Pruhonic	1.81 213	eP	10 55 35.4 +1.0	
PRU	comp=Z,3.0nm,0.8s				
PRU	Pruhonic	1.81 213	Pg	10 55 35.4 +1.0	
PRU	comp=Z,3.0nm,0.8s				
KHC	Kasperske Hory	2.88 215	eS	10 56 32.8 -1.4	
KHC	comp=Z,3.0nm,0.8s				
KHC	Kasperske Hory	2.88 215	SG	10 56 32.8 -1.4	
KHC	comp=Z,3.0nm,0.8s				

2010 DEC

25d 10h

25d 10h:56:31.9:0.1,40:98N:74:03E,h14km,mb2.2
NNC 25:10:56:34.2:0.9,40:98N:74:02E,h0km,mb2.8,mpv2.4,
Error ellipse: s-maj=6.5km s-min=3.5km az=166.0
25d 10:56:32.2:2.0,40:94N:0:0:74:04E:0.04,h5km,n13km,
n22,e053/35,20C-8D,Kyrgyzstan-Xinjiang border
region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
ARSB	Arslanbob baz=294	0.89 296 P	Op	10 56 49.4 +0.2	
ARSB	baz=294				
ARLS	Aral baz=14	0.94 13 P	eP	10 56 50.1 -0.2	
ARLS	baz=14				
ARLS	Aral baz=14	0.94 13 P	eS	10 57 03.3 +0.7	
ARLS	baz=14				
AML	Almayashu baz=347	1.22 348 P	Pg	10 56 55.1 -0.5	
AML	baz=347				
AML	Almayashu SNR=5.6	1.22 348 P	Pg	10 56 55.3 -0.3	
AML	comp=Z,3.0nm,0.8s				
UCH	Uchtor baz=16	1.33 15 P	Pg	10 56 57.6 -0.2	
UCH	baz=16				
UCH	Uchtor SNR=23	1.33 15 P	Pg	10 56 57.6 -0.2	
UCH	comp=Z,3.0nm,0.8s				

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

IDC 25 11:19:08.72, 0.10N-97.69E, h0km, mb4.0, 5, mb1 4.1/6, 1.0mx3.7/4.0, mbtomp3.9/6, ML4.0/1, Error ellipse: s-maj=110.0km s-min=19.8km az=59.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

AUST 25 11:23:30.0, 99.0, 15.76S: 176.22W, h1km, h1km, 4km, Error ellipse: s-maj=9.1km s-min=2.6km az=236.0, IDC 25 11:24:45.1, 15.0, 174.1S: 179.00W, h56km, 142km, mb3.5/4, mb1 3.7/4, mb1mx3.1/2.5, mbtomp4.4/4, Error ellipse: s-maj=109.7km s-min=74.0km az=100.0, IDC 25 11:24:44.2, 2.4, 173S: 0.4x173.2W: 0.4, h539km, n18, c093/18, mb3.9/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

WEL 25 11:24:53.1, 0.4, 37.80S: 175.81E, h197km, 3km, ML3.5/14, 5C-3D, Error ellipse: s-maj=4.0km s-min=3.4km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

ISC/JB 25 11:12:46.4, 0.7, 25.48N: 0.08, 141.3E: 0.1, h10km, mb3.8/11, Error ellipse: s-maj=17.0km s-min=9.4km az=29.2

IDC 25 11:12:46.5, 0.7, 25.53N: 141.26E, h0km, mb3.8/10, mb1 4.1/11, mb1mx3.8/4.1, mbtomp3.8/11, ML3.1/1, Error ellipse: s-maj=26.8km s-min=16.6km az=106.0, IDC 25 11:12:48.0, 0.9, 25.65N: 0.1, 141.3E: 0.1, h10km, n20, c108/14, mb3.9/11, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNHZ, KAHZ, TSZ, WPHZ, etc.

GUC 25 11:28:22.0,4.0,23'39S:68.31W,h158km,7km,ML3.7, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB06, PB04, etc.

JMA 25 11:33:13.7,0.4,31'84N:141.04E,h61km,M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ2, JHO, JHT, etc.

GUC 25 11:35:38.8,1.1,37'90S:73.91W,h54km,27km,ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCSP, CCHI, VLCH, etc.

NIED 25 11:41:00.27,10N:143.80E,h5km,Mw4.9 Best double couple: Mo=2.83000x10^16, NP1=1.59.00000, s33.00000, l-46.00000, NP2=29.00000, s67.00000, l-11.15.00000.

IDC 25 11:41:03.0,0.4,26.76N:143.68E,h0km,mb4.6/27, mb1.4/31, mb1mx4.7/42, mbmp4.6/31, ML4.2/4, MS4.1/35, Ms1.4/1.35, ms1mx4.0/56, Error ellipse: s-maj=13.2km s-min=11.3km az=64.0.

MOS 25 11:41:04.0,1.2,26.80N:143.58E,h10km,mb5.1/70, MS4.2/11, Error ellipse: s-maj=8.1km s-min=4.8km az=107.8.

ISCJB 25 11:41:04.5,1.1,27.03N:143.63E,0.02,h8km,6km, mb5.0/139, MS4.2/31, Error ellipse: s-maj=5.3km s-min=3.0km az=175.

NEIC 25 11:41:05.8,0.2,26.79N:143.58E,h10km,mb5.1/77, MW4.9(NIED), Error ellipse: s-maj=5.4km s-min=4.1km az=160.0.

GCMT 25 11:41:05.8,0.2,26.97N:143.78E,h12km,MW5.1/99, Moment Tensor Solution. s39,c46; s99,c159; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.47; L0: Mw=2.58; M0: Mw=1.49; L1: Mw=3.13; M2: Mw=2.19; M3: Mw=0.14; s38; Best double couple: Mo=2.22000x10^16 NP1=289.00000, s64.00000, l-108.00000. NP2: s=145.00000, s32.00000, l-57.00000. Principal axes: T 5.0560, Plg17.00000, Azm32.00000; P -5.3840, Plg66.00000, Azm165.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

JMA 25 11:41:05.2,0.27,27.09N:143.80E,h36km,M4.6, BUJ 25 11:41:09.7,27.08N:142.86E,h10km,mb4.7/60, mb5.1/44, MS4.8/46, MS7.4/445

ISC 25 11:41:06.7,0.6,26.91N:143.59E,0.04,h15km,2km, m635, s132/644, mb5.0/140, MS4.2/32, 16C-5D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, CBJ, CBJJ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, MAJO, MJAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURS, KSRS, KSAR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USRK, YSS, SSE, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDJ, MDJ, MDJ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CN2, H1S3, H1S1, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHN, WHN, WHN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XAN, QIZ, QIZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUYANG, LUWI, LZH, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULN, ULN, ULN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, YAK, YAK, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOD, BOD, SKNT, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLY, TLY, TLY, etc.

25d 11h

CM01	Chiang Mai Arr	41.87 268 eP	P	11 48 57.0 +0.5
CMAR	Chiang Mai Arr	41.87 268 P	P	11 48 56.0 -0.5
CMAR	comp=Z,2.6nm,0.7s,baz=55,slow=8.8,SNR=18		LR	12 06 28.6
UTHA	Uthaitani	42.48 264 P	P	11 49 03.2 +1.7
BILLA	Bilibino	43.36 12 P	P	11 49 10.3 +2.3
BILLA	comp=Z,2.22nm,2.5s		PMAX	11 50 57.0
BILLA	Bilibino	43.36 12 eP	P	11 49 07.6 -0.4
HSH	Khovu-Aksy	44.60 317 eP	P	11 49 19.7 +1.4
HVS	comp=Z,2.33nm,0.9s		PMAX	
SHL	Shilong	46.13 280 eP	P	11 49 32.0 +1.1
KULM	Kulim	46.20 250 eP	P	11 49 31.2 -0.1
IPM	Ipo	46.32 249 eP	P	11 49 31.6 -0.7
KRAR	Krasnoyarsk	46.37 323 eP	P	11 49 33.1 +1.0
KRAR	comp=Z,1.6nm,0.8s		PMAX	
WRAB	Tennant Creek	47.42 192 eP	P	11 49 38.7 -2.0
WRAB	comp=Z,2.17nm,1.7s		PMAX	
WRAB	Tennant Creek	47.42 192 P	P	11 49 38.0 -2.7
WRAB	comp=Z,2.23nm,0.8s,SNR=13		PMAX	
WRAB	Tennant Creek	47.42 192 eP	P	11 49 38.7 -2.0
WRA	Warramunga Arr	47.43 192 P	P	11 49 38.4 -2.4
WRA	comp=Z,2.4nm,0.9s,baz=14,slow=8.6,SNR=65		LR	12 08 25.9
WRA	Warramunga Arr	47.43 192 iP	P	11 49 38.4 -2.4
WRA	comp=Z,1.15nm,22.0s,baz=355,slow=35		PMAX	
WFC3	Warramunga Arr	47.44 192 eP	P	11 49 38.9 -2.0
WFC3	comp=Z,1.8nm,0.7s		PMAX	
WMQ	Urumqi	47.70 306 eP	P	11 49 45.8 +3.0
WMQ	comp=Z,1.5nm,1.3s		PMZ	
WMQ	comp=Z,1.40nm,4.7s		PMZ	
WMQ	comp=Z,1.40nm,4.7s		LN	
WMQ	comp=Z,460nm,14.4s		LE	
WMQ	comp=Z,280nm,15.7s		LZ	
FITZ	Fitzroy Crossi	48.02 203 LR	LR	12 08 46.1
FITZ	comp=Z,8.1nm,21.8s,baz=38,slow=35		LR	
FITZ	Fitzroy Crossi	48.02 203 eP	P	11 49 44.4 -0.9
LEM	Lembang	48.36 231 P	P	11 49 52.9 +4.6
LEM	comp=Z,2.1um,0.9s,comp=Z,2.1um		P	
CBJI	Citeko	48.62 232 P	P	11 49 52.4 +2.3
CBJI	comp=Z,2.36nm,1.0s		P	
CISI	Cisompet, Garu	48.74 230 eP	P	11 49 50.1 -1.1
CISI	comp=Z,1.05nm,1.3s		P	
PSI	Prapat	48.99 249 eP	P	11 49 52.6 -0.6
PSI	comp=Z,1.6nm,0.7s		PMAX	
PSI	Prapat	48.99 249 eP	P	11 49 52.6 -0.6
PSI	comp=Z,1.6nm,0.7s		PMAX	
MDSI	Maura Dua	49.25 237 P	P	11 49 51.0 -3.9
MDSI	comp=Z,45nm,1.2s,comp=Z,76nm		P	
LHSI	Lahat	49.31 238 P	P	11 49 52.1 -3.3
LHSI	comp=Z,82nm,1.1s		P	
TAPN	Tapeljung	49.36 284 eP	P	11 49 56.8 +0.7
TAPN	comp=Z,2.25nm,1.0s		P	
ODAN	Odare	49.75 283 eP	P	11 49 58.6 -0.4
CHGN	Chignik	50.39 38 eP	P	11 50 04.0 +1.0
RAMN	Ramite	50.42 284 eP	P	11 50 03.5 -0.6
ZAAO	Zalesovo Beam	50.45 319 P	P	11 50 03.3 -0.3
ZAAO	comp=Z,3.0nm,0.8s		P	
ZALV	Zalesovo Beam	50.45 319 P	P	11 50 03.4 -0.2
ZALV	comp=Z,5.1nm,0.8s,baz=100,slow=7.2,SNR=14		P	
ZALV	comp=Z,8.7nm,1.1s,baz=101,slow=6.2,SNR=5.3		P	
ZALV	comp=Z,1.97nm,18.5s,baz=68,slow=37		LR	12 11 54.5
ZALV	Zalesovo Beam	50.45 319 P	P	11 50 03.4 -0.2
ZALV	comp=Z,1.4nm,0.9s,baz=347,slow=7.8,SNR=22		LR	12 17 11.9
ZALV	comp=Z,5.0nm,0.8s		PMAX	
ZALV	comp=Z,9.0nm,1.1s		PMAX	
ZALV	comp=Z,1.97nm,18.5s		MLR	
JIRN	Jiri	50.61 285 eP	P	11 50 05.7 0.0
JIRN	comp=Z,4.6nm,0.8s		P	
GUN	Gumba	50.82 285 eP	P	11 50 07.1 -0.1
GUN	comp=Z,5.6nm,0.8s		P	
AS01	Alice Springs	51.14 191 eP	P	11 50 06.3 -2.8
AS01	comp=Z,2.2nm,0.5s,baz=4.8,slow=5.0,SNR=38		P	
ASAR	Alice Springs	51.15 191 P	P	11 50 06.7 -2.5
ASAR	comp=Z,3.1nm,0.8s,baz=21,slow=4.0,SNR=7.4		P	
ASAR	comp=Z,2.45nm,21.8s,baz=2.5,slow=34		LR	12 10 18.0
ASAR	Alice Springs	51.15 191 P	P	11 50 06.7 -2.5
ASAR	comp=Z,2.0nm,0.5s		PMAX	
ASAR	comp=Z,2.0nm,0.5s		PMAX	
PKI	Pulchoki	51.30 285 eP	P	11 50 10.1 -0.8
PKI	comp=Z,3.0nm,0.8s		P	
PKIN	Pulchoki	51.31 285 eP	P	11 50 10.1 -0.7
PKIN	comp=Z,1.9nm,0.9s		P	
KKN	Kakani	51.36 285 eP	P	11 50 11.0 -0.2
KKN	comp=Z,1.9nm,0.9s		P	
NVS	Novosibirsk	51.48 320 eP	P	11 50 11.9 +0.5
MK01	Makanchi Array	51.55 310 eP	P	11 50 12.0 0.0
DMN	Damak	51.55 285 eP	P	11 50 12.1 -0.6
MKAR	Makanchi Array	51.56 310 P	P	11 50 12.0 -0.1
MKAR	comp=Z,5.6nm,0.7s,baz=84,slow=8.4,SNR=24		P	
MKAR	comp=Z,3.4nm,0.8s,baz=92,slow=3.6,SNR=3.8		P	
MAKZ	Makanchi	51.77 310 eP	P	11 50 14.3 +0.6
MAKZ	comp=Z,9.4nm,1.0s		P	
KOLN	Koldanda	52.81 286 eP	P	11 50 21.6 -0.4
KOLN	comp=Z,3.8nm,0.9s		P	
DZM	Mont Dzumac	53.48 153 P	P	11 50 24.1 -2.5
DZM	comp=Z,2.6nm,1.0s,baz=0.3,slow=9.2,SNR=5.8		LR	12 10 43.3
DZM	comp=Z,2.23nm,20.5s,baz=49,slow=33		LR	12 10 43.3
PDGK	Podgomoye	53.67 305 eP	P	11 50 25.6 -2.1
PDGK	comp=Z,2.21nm,0.8s		PMAX	
KDAK	Kodiak Island	53.76 37 P	P	11 50 27.1 -1.0
KDAK	comp=Z,1.1nm,0.7s,baz=285,slow=5.8,SNR=10		LR	12 14 10.5
KDAK	comp=Z,1.08nm,18.4s,baz=253,slow=37		LR	12 14 10.5
KDAK	Kodiak Island	53.76 37 P	P	11 50 27.2 -1.0
KDAK	comp=Z,1.1nm,0.7s		PMAX	
KDAK	comp=Z,1.08nm,18.4s		MLR	
BPAW	Bear Paw Mtn.	55.42 29 eP	P	11 50 42.4 +2.2
BPAW	comp=Z,1.4nm,1.1s		P	
MSVF	Nonsavu	55.57 139 eP	P	11 50 42.7 +0.8
MSVF	comp=Z,2.5nm,1.1s		P	
TRF	Thorofore Moun	55.62 30 eP	P	11 50 42.0 +0.1
TRF	comp=Z,1.7nm,0.9s		P	
MLY	Manley	55.68 28 eP	P	11 50 43.1 +1.0
MLY	comp=Z,1.2nm,1.0s		P	
PMR	Palmer	55.92 32 eP	P	11 50 43.0 -0.7
PMR	comp=Z,1.7nm,0.9s		PMAX	
PMR	comp=Z,1.7nm,0.9s		PMAX	
RND	Reindeer	56.26 30 eP	P	11 50 45.6 -0.6
RND	comp=Z,1.3nm,0.8s		PMAX	
RND	Reindeer	56.26 30 eP	P	11 50 45.6 -0.6
RND	comp=Z,1.2nm,0.8s		P	
MCK	McKinley	56.26 30 eP	P	11 50 46.7 +0.5
MCK	comp=Z,1.70nm,2.5s		PMAX	
MCK	McKinley	56.26 30 eP	P	11 50 46.7 +0.5
MCK	comp=Z,1.70nm,2.5s		PMAX	
COLD	Coldfoot	56.30 25 eP	P	11 50 47.5 +1.2

2010 DEC

SML	Sawmill	56.32 32 eP	P	11 50 46.7 0.0
SML	comp=Z,1.4nm,0.9s		PMAX	
SML	Sawmill	56.32 32 eP	P	11 50 46.7 0.0
SML	comp=Z,1.4nm,0.8s		P	
TKM2	Tokmak 2	56.55 305 iP	P	11 50 49.7 +0.9
TKM2	comp=Z,2.1nm,1.7s		PMAX	
TKM2	Tokmak 2	56.55 305 P	P	11 50 51.7 +2.8
TKM2	SNR=8.5		P	
TKM2	Tokmak 2	56.55 305 eP	P	11 50 49.5 +0.6
TKM2	comp=Z,8.9nm,1.0s		P	
MDM	Murphy Dome	56.73 28 eP	P	11 50 49.5 -0.1
MDM	comp=Z,2.28nm,1.6s		P	
KSH	Kashi	56.75 301 eP	P	11 50 53.5 +3.3
KSH	comp=Z,12nm,0.6s		P	
KSH	comp=Z,460nm,7.1s		PMZ	
KSH	comp=Z,220nm,6.1s		LN	
KSH	comp=Z,160nm,4.0s		LE	
KSH	comp=Z,470nm,6.8s		LZ	
SCM	Sheep Creek Mo	56.80 32 eP	P	11 50 49.8 -0.4
SCM	comp=Z,2.5nm,0.8s		PMAX	
SCM	Sheep Creek Mo	56.80 32 eP	P	11 50 49.8 -0.4
SCM	comp=Z,2.5nm,0.8s		P	
COLA	College	56.88 28 eP	P	11 50 52.6 +2.1
COLA	comp=Z,4.0nm,1.4s		PMAX	
DHY	Denali Highway	56.89 30 eP	P	11 50 50.9 0.0
DHY	comp=Z,5.5nm,2.0s		P	
KZA	Kyzart	56.91 304 P	P	11 50 55.2 +3.6
KZA	SNR=8.8		P	
KBK	Karagaybulak	57.05 305 P	P	11 50 55.1 +2.7
KBK	SNR=11		P	
IL1	Eielson Array	57.27 29 eP	P	11 50 52.3 -1.0
ILAR	Eielson Array	57.27 29 P	P	11 50 51.7 -1.7
ILAR	comp=Z,5.8nm,0.8s,baz=258,slow=5.8,SNR=36		P	
ILAR	comp=Z,1.79nm,21.2s,baz=256,slow=34		LR	12 13 46.2
AAK	Ala-Archa	57.39 305 eP	P	11 50 55.6 +0.8
AAK	comp=Z,6.0nm,0.8s		PMAX	
AAK	Ala-Archa	57.39 305 P	P	11 50 56.8 +2.1
AAK	SNR=6.7		P	
AAK	Ala-Archa	57.39 305 eP	P	11 50 55.6 +0.8
AAK	comp=Z,6.1nm,0.8s		P	
UCH	Uchtor	57.43 305 P	P	11 50 58.6 +3.2
UCH	SNR=13		P	
KLU	Klutina	57.45 32 eP	P	11 50 54.6 -0.2
KLU	comp=Z,7.9nm,1.9s		P	
ARMA	Armidale	57.52 172 eP	P	11 50 54.9 -0.7
ARMA	comp=Z,4.1nm,1.4s		P	
PAX	Paxson	57.74 31 eP	P	11 50 56.6 -0.2
PAX	comp=Z,2.22nm,1.4s		PMAX	
PAX	Paxson	57.74 31 eP	P	11 50 56.6 -0.2
PAX	comp=Z,2.22nm,1.4s		PMAX	
HARP	HAARP	57.86 31 eP	P	11 50 57.6 +0.1
HARP	comp=Z,306nm,2.3s		P	
EKS2	Erkin-Say	57.91 305 eP	P	11 51 00.3 +2.0
EKS2	comp=Z,8.0nm,1.0s		PMAX	
EKS2	Erkin-Say	57.91 305 P	P	11 51 00.4 +2.0
EKS2	SNR=7		P	
EKS2	Erkin-Say	57.91 305 eP	P	11 51 00.3 +2.0
EKS2	comp=Z,7.7nm,1.0s		P	
AML	Almayashu	58.05 305 P	P	11 51 02.8 +3.2
AML	SNR=13		P	
BMRM	Bremner River	58.06 33 eP	P	11 50 58.8 -0.2
BMRM	comp=Z,2.69nm,2.6s		P	
OTUK	Ortayu	58.22 312 iP	P	11 51 00.5 +0.2
OTUK	comp=Z,3.7nm,1.1s		PMAX	
DOT	Dot Lake	58.42 30 eP	P	11 51 03.4 +1.9
DOT	comp=Z,2.4nm,0.9s		P	
STKA	Stephens Creek	58.49 182 P	P	11 50 58.9 -3.3
STKA	comp=Z,1.4nm,0.9s,baz=347,slow=7.8,SNR=22		LR	12 17 11.9
STKA	Stephens Creek	58.49 182 P	P	11 50 58.9 -3.3
STKA	comp=Z,1.28nm,18.2s,baz=10,slow=37		LR	12 17 11.9
STKA	Stephens Creek	58.49 182 P	P	11 51 00.0 -2.2
STKA	comp=Z,3.8nm,0.9s		PMAX	
VOSK	Vostochnaya	58.69 317 eP	P	11 51 03.6 +0.1
VOSK	comp=Z,1.1nm,1.5s		PMAX	
VOSK	Vostochnaya	58.69 317 eP	P	11 51 03.3 -0.2
VOSK	comp=Z,1.2nm,1.0s		PMAX	
CHKZ	Chkalovo	58.84 318 iP	P	11 51 05.4 +0.9
CHKZ	comp=Z,20nm,1.3s		PMAX	
MNAS	Manas	58.86 305 iP	P	11 51

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G36A St. Michael, H36A Jessenland, P31A Stockton, M33A Taylor Creek F, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 25 11:53:49.5, ISC 25 11:53:51.8, and various Bonin Islands region stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

ISC 25 11:53:46.3, 1.1, 27.22N, 143.38E, h0km, mb3.9/10, mb1.4/13, mb1mx3.9/62, mbtmp3.9/13, ML3.4/3, MS3.5/1, Ms1.3/1, ms1mx2.7/54, Error ellipse: s-maj=23.1km s-min=20.0km az=132.0

ISC 25 11:53:47.0, 2.7, 27.24N, 143.42E, h10km, mb4.3/1, Error ellipse: s-maj=15.8km s-min=10.5km az=82.0

ISC 25 11:53:49.7, 2.7, 27.40N, 0.05:143.39E, 0.07, h3km, mb3.9/11, MS3.4/1, Error ellipse: s-maj=9.9km s-min=5.1km az=35.9

1469 25d 11h

Table with columns for station ID, name, frequency, and other technical details. Includes sections for 1469, 25d 11h, and 2010 DEC.

25d 12h

Table with columns: BRTR, comp, Z, 6.0m, 0.8s, pmax, pmax, AKASG, Malin Array Be, 153.39 311, PKPbc, PKPbc, 12 19 04.0 -1.7, etc.

ISCJB 25 12:01:25.3:0.6, 22.22S:0.05: 129.50E:0.05, h10km, mb3.5/1, Error ellipse: s-maj=8.2km s-min=6.2km az=32.5

AUST 25 12:01:31.7:0.1, 22.20S: 129.72E, h15km, Error ellipse: s-maj=0.5km s-min=0.0km az=322.0

ISC 25 12:01:28.0:0.8, 22.28S:0.07:129.58E:0.06, h10km, n14, c189/17, Northern Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRKA Warakuma, 2.99 203, Op, P, 12 02 19.7 -1.7, etc.

ISCJB 25 12:04:10.7:0.8, 26.8N:0.1:143.79E:0.07, h10km, mb4.0/12, Error ellipse: s-maj=16.2km s-min=8.7km az=5.3

ISC 25 12:04:10.5: 1.5, 26.66N:143.79E, h0km, mb3.8/9, mb1 4.0/12, mb1mx3.8/50, mb1mx3.8/12, ML3.3/3, Error ellipse: s-maj=38.3km s-min=23.4km az=179.0

NEIC 25 12:04:12.3:0.6, 26.73N:143.76E, h10km, mb4.5/3, Error ellipse: s-maj=11.2km s-min=11.5km az=225.0

ISC 25 12:04:12.5:0.9, 26.7N:0.1:143.72E:0.08, h10km, n19, c0567/22, mb4.0/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JCJ Chichijima, 1.41 285, Pn, Pn, 12 04 38.7 +0.4, etc.

ISCJB 25 12:07:23.4:0.5, 25.53N:0.06: 141.23E:0.10, h10km, mb4.2/18, MS4.4/2, Error ellipse: s-maj=14.4km, s-min=6.7km az=29.9

ISC 25 12:07:23.8:0.7, 25.55N:141.21E, h0km, mb4.2/12, mb1 4.4/12, mb1mx0.4/9, mb1mx0.4/212, MS3.7/4, MS1 3.7/4, ms1mx3.1/45, Error ellipse: s-maj=23.2km s-min=15.8km az=92.0

NEIC 25 12:07:29.1:0.4, 25.56N:141.25E, h35km, mb4.4/5, Error ellipse: s-maj=13.4km s-min=9.3km az=90.0

ISC 25 12:07:25.5:0.7, 25.55N:0.09:141.3E:0.1, h10km, n34, c097/26, mb4.2/18, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CBUJ Chichi jima, 1.72 27, Pn, Pn, 12 07 55.2 -0.5, etc.

2010 DEC

Table with columns: ULN Ulaanbaatar, 34.93 319, eP, P, 12 14 17.6 0.0, SONM Songoing Array, 35.31 318, P, P, 12 14 21.1 +0.2, etc.

ISC 25 12:08:09.2:38.09N:41.77E, h10km, MD2.5, ISCJB 25 12:08:10.2:38.13N:0.06:41.7E:0.1, h8km, gkm, Error ellipse: s-maj=15.6km s-min=7.8km az=27.0

CSEM 25 12:08:10.6:0.7, 38.09N:41.71E, h10km, MD2.5, Error ellipse: s-maj=14.8km s-min=8.1km az=127.0

DDA 25 12:08:12.4:38.20N:41.50E, h7km, MD2.8, ISC 25 12:08:12.4:1.4, 38.11N:0.04:41.60E:0.07, h9km, gkm, n13, c086/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BTMT Batman, 0.12 315, Op, ISC, 12 08 14.4 +0.9, etc.

ISC 25 12:08:29.8:6.4, 26.99N:144.70E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.7/51, mb1mx3.7/9, ML3.7/1, MS3.9/1, Ms1 3.9/1, ms1mx2.7/43, Error ellipse: s-maj=247.6km s-min=20.5km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JHJ Hachioji jima 2, 7.45 326, LR, P, 12 11 06.1 -2.5, etc.

ISC 25 12:09:54.7:38.79N:35.28E, h5km, MD3.0, ISCJB 25 12:09:55.3:0.6, 38.72N:0.05:35.27E:0.05, h6km, Error ellipse: s-maj=7.8km s-min=4.4km az=20.5

CSEM 25 12:09:55.2:0.3, 38.75N:35.31E, h2km, MD3.0, Error ellipse: s-maj=8.5km s-min=5.4km az=14.0

DDA 25 12:09:55.1, 38.74N:35.26E, h7km, MD2.9, ISC 25 12:09:55.3:1.1, 38.76N:0.04:35.29E:0.03, h6km, n21, c070/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BNN Bunyan, 0.45 78, Op, ISC, 12 10 44.3 +0.3, etc.

NIED 25 12:23:00.27:20N:143.70E, h5km, Mw3.9 Best double couple: M6.70000:1014, NP1:116.00000:845.00000, 1-72.00000: NP2:2671.00000:847.00000, 1-108.00000

ISCJB 25 12:23:20.4:0.6, 26.87N:0.08:143.81E:0.05, h10km, mb3.8/13, Error ellipse: s-maj=11.2km s-min=7.0km az=4.9

ISC 25 12:23:20.9:0.8, 26.80N:143.84E, h0km, mb3.8/11, mb1 4.0/12, mb1mx3.8/50, mb1mx3.8/12, ML3.9/1, Error ellipse: s-maj=31.4km s-min=16.6km az=82.0

NEIC 25 12:23:22.4:0.6, 26.79N:143.81E, h10km, mb4.2/2, Error ellipse: s-maj=16.8km s-min=11.1km az=67.0

1470

JMA 25 12:23:24.5:0.2, 27.23N:143.68E, h11km, M3.9, ISC 25 12:23:22.6:0.8, 26.8N:0.1:143.74E:0.06, h10km, n24, c1510/26, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JHHJ Haha-jima-NKT, 1.41 262, eS, Sg, 12 24 10.0 +2.0, etc.

ISCJB 25 12:29:37.1:0.2, 10.35N:57.04E, h0km, mb4.7/32, mb1 4.8/33, mb1mx1.7/42, mb1mx4.7/33, ML3.4/1, MS3.7/15, Ms1 3.8/15, ms1mx3.5/43, Error ellipse: s-maj=12.3km s-min=10.2km az=127.0

MOS 25 12:29:37.1:1.1, 10.35N:56.94E, h10km, mb5.1/67, Error ellipse: s-maj=7.1km s-min=4.0km az=100.6

BUJ 25 12:29:37.0, 10.30N:56.90E, h10km, mb5.0/45, mB5.1/31, Error ellipse: s-maj=7.1km s-min=4.1km az=113.0

NEIC 25 12:29:38.9:0.2, 10.33N:56.93E, h10km, mb4.9/31, Error ellipse: s-maj=6.0km s-min=5.7km az=154.0

CSEM 25 12:29:39.1:0.1, 10.37N:56.93E, h10km, mb5.1/51, Error ellipse: s-maj=5.6km s-min=5.7km az=23.0

OMAN 25 12:29:43.9:1.7, 10.25N:56.91E, h41km, 15km, Error ellipse: s-maj=18.6km s-min=9.6km az=130.0

BGR 25 12:29:53.6, 11.50N:55.40E, h33km, mb4.9, Error ellipse: s-maj=12.97E:0.1, 10.29N:0.05:56.97E:0.05, h5km, 6km, n25, c1813/53, mb5.0/145, MS3.8/14, 71C-36D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, RBK Rabtuk, 7.65 340, Op, Pn, 12 31 34.8 +4.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SHAO Shalim, 7.79 351, Pn, Pn, 12 31 36.4 +4.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ABTO Aybut, 7.87 333, Pn, Pn, 12 31 36.8 +3.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BSY Bisyra, 12.37 1, Pn, Pn, 12 32 38.8 +3.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WSAR Wadi Sarin, 12.97 7, Pn, Pn, 12 32 43.9 +0.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ARQ Araqi, 12.98 358, Pn, Pn, 12 32 45.1 +1.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ATD Arta Tunnel, 13.93 276, Pn, Pn, 12 32 54.0 -2.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ASUD Al Ashush, Dub, 14.34 354, Pn, Pn, 12 33 04.3 +2.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, HATD Hatta, Dubai, 14.48 357, Pn, Pn, 12 33 06.2 +2.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, UOSS Wadi Hilu, 14.59 357, ePn, Pn, 12 33 04.3 -0.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BANOM Banah, 15.56 358, Pn, Pn, 12 33 22.9 +0.3, etc.

25d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Gaotai, Lvov, Chengdu, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like FETA, FUORN, BRG, etc.

1472

Table with columns for station name, frequency, power, and other technical details. Includes stations like NORARS, NOA, NJ2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like ORZ, QRTZ, HHSZ, etc.

DDA 25 13:07:20.0, 37.32N, 37.13E, h6km, Md2.8
ISCJB 25 13:07:20.1±0.8, 37.29N±0.04, 37.15E±0.05, h3km, 6km,
Error ellipse: s-maj=7.2km s-min=6.1km az=156.4

CSEM 25 13:07:20.9±0.4, 37.35N±0.07E, h15km, MD2.8, Error
ellipse: s-maj=16.4km s-min=9.2km az=97.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like HCB, HCB, KMRS, etc.

WEL 25 13:08:34.4±0.1, 43.54S±172.63E, h8km, ML3.7/18.2C-1D,
Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like CRLZ, CRLZ, CRLZ, etc.

NEIC 25 13:08:35.3, 51.31N±178.35W, h24km, ML2.9(AEIC),
After AEIC., Andean/Of Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like GALEA, GALEA, GALEA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like GSMY, GSTR, GSTR, etc.

MEX 25 13:15:39.7±0.6, 17.39N±97.22W, h60km±12km, MD4.0,
Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like Code, Station Name, etc.

BUI 25 13:16:32.8, 19.61S±168.72E, h12km, mb6.1/46, mb7.4/54,
Ms7.3/88, Ms7.7/82

BCR 25 13:16:34.5, 20.27S±169.79E, h33km, Ms7.5
ISCJB 25 13:16:34.1±1.2, 19.81S±0.02, 167.95E±0.02, h5km±7km,
mb6.0/288, Ms7.3/252, Error ellipse: s-maj=3.2km
s-min=2.8km az=18

IDC 25 13:16:35.0±0.3, 19.87S±167.82E, h0km, mb6.5/35,
mb1.5/38, mb1mx5.6/39, mbtmp5.6/38, ML5.1/3, MS7.2/41,
ML1.7/241, ms1mx7.1/45, Error ellipse: s-maj=10.4km
s-min=8.4km az=65.0

MOS 25 13:16:36.0±1.4, 19.82S±167.94E, h19km, mb6.6/61,
MS7.3/99, Error ellipse: s-maj=6.6km s-min=6.3km
az=72.0

GCMT 25 13:16:37.0±0.1, 19.67S±168.04E, h17km, MW7.3/143,
Moment Tensor Solution. s143,c358; s143,c712;
Duration: 10.9 Moment tensor: Scale 10^20Nm;
Mw=1.02±0.01; Mw=0.07±0.01; Mw=0.95±0.01; Mw=0.42±0.03;
Mw=0.35±0.01; Mw=0.12±0.03; Best double couple;
Mo: 1.3000e+020 NP1±0.141.000000±.849.000000±.
λ-118.000000±. NP2±0.1.000000±.848.000000±.λ-61.000000±.
Principal axes: T 1.0750, Plg1.0000±, Azm251.0000±; N
0.1150, Plg21.0000±, Azm160.0000±; P -1.1850,
Plg69.0000±, Azm342.0000±; nsta1 refers to body waves,
cutoff=50s. nsta2 refers to surface/mantle waves,
cutoff=50s.

NEIC 25 13:16:37.0±0.1, 19.70S±167.95E, h16km, mb6.8/201,
ME7.6, MS7.4/148, MW7.3, MW7.3 Error ellipse:
s-maj=4.1km s-min=3.8km az=144.0 Broadband fault
plane solution: P waves. NP1±0.150.000000±.315.000000±.
λ-90.000000±. NP2±0.330.000000±.875.000000±.
λ-90.000000±. Principal axes: T Plg30.0000±,
Azm20.0000±; N Plg0.0000±, Azm0.0000±; P Plg60.0000±,
Azm240.0000±; Complex earthquake observed on
broadband displacement seismograms. A small event is
followed by a larger event about 4 seconds later. Depth
from synthetics of broadband displacement seismograms
based on larger event. Energy computed from BB
mechanism.

NEIC Felt [IV] at Port-Vila. Also felt at Isangel. Felt [III] at
Numea, New Caledonia. Also felt at Mont-Dore, Paita
and Wee

NEIC 25 13:16:38.0±0.0, 19.76S±167.97E, h24km Best double
couple: NP1±0.183.000000±.862.000000±.λ-67.000000±.
NP2±0.322.000000±.834.000000±.λ-126.000000±. Principal
axes: T 1.1400, Plg15.0000±, Azm258.0000±; N 0.0100,
Plg20.0000±, Azm353.0000±; P -1.1400, Plg65.0000±,
Azm133.0000±

AUST 25 13:16:39.5±2.0, 19.76S±167.92E, h31km±14km Error
ellipse: s-maj=7.1km s-min=4.7km az=77.0

NEIC 25 13:17:01.3±0.0, 19.78S±168.21E, h25km, Moment
Tensor Solution. s52 Moment tensor: Scale 10^20Nm;
Mw=1.02±0.01; Mw=0.07±0.01; Mw=0.30±0.04;
Best double couple; Mo: 1.3000e+020 NP1±0.139.000000±.
850.000000±.λ-127.000000±. NP2±0.9.000000±.852.000000±.
λ-55.000000±. Principal axes: T 1.1100, Plg1.0000±,
Azm74.0000±; N 0.3600, Plg27.0000±, Azm165.0000±; P
-1.4700, Plg63.0000±, Azm342.0000±

ISC 25 13:16:38.2±0.3, 19.84S±0.03, 167.94E±0.03, h16km±1km,
h15km±pp-P, n2222, c±11/2161, mb6.7/292, MS7.4/254,
77C-73D, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like IZ2FR, PORTLAGUERRE, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists seismic stations like HAZ, MXZ, URZ, URZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like STKA, MANU, WARRA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIAR, TVO, SWI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JCJ, RKT, JAGI, etc.

25d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PPBI Pangkal Pinang, NACB Nanchangchiao, TPUB Ta-pu, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ ASAHIKAWA, ASAJ ASAHIKAWA, ASAJ ASAHIKAWA, etc.

1476

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKR SKR, SKR SKR, SKR SKR, etc.

25d 13h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like YBH, YBHA, LSA, and others.

2010 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes stations like GLA, GMA, SHOC, and others.

1478

Table with columns for call sign, frequency, power, and other technical details. Includes stations like PKIN, HAWA, KKN, and others.

25d 13h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like HOPE Hope Point, Z33A Whitner Ranch, M28A Bar X Bar Ranc, etc.

2010 DEC

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like G28A Parade, U33A Lingo Farm, J29A Okreek, etc.

1480

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BGNE Belgrade, BGNE Belgrade, TROA Torquist, etc.

25d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HSPB Hornsund, CBN Corbin, IFIR Firoozkoo, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LSZ Lusaka, KMBO Kilima Mbogo, TBLG Delisi, etc.

1482

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VSR comp=E,20nm,1.5s, CHVG Ch'k'valeri, STVI Saint Thomas, etc.

TBLU	IVMS_BB IVMS_BB	14 32 60.0			
MCGM	Minsk	134.02 329f	eP	Pdf	13 32 56.0 +2.3
MCGM			ePKP	PKPdf	13 35 54.0 -0.6
MCGM	comp=Z,26nm,12.0s		PKFM		13 36 00.0
MCGM	comp=Z,24nm,10.0s		PKPM		13 36 00.0
MCGM			eP	PP	13 38 22.0 -2.9
MCGM	comp=Z,52nm,12.0s		PPM		13 38 28.0
MCGM	comp=Z,62nm,16.0s		PPM		13 38 32.0
MCGM			eSKP		13 39 26.0
MCGM			ePKS	PKSdf	13 39 34.0 +3.3
MCGM			SS	SS	13 48 40.0 -5.0
MCGM			eSS	SS	13 56 22.0 +1.0
MCGM			eSSS	SSS	14 01 20.0
MCGM			eLQ	LQ	14 09 00.0
MCGM	comp=E,56nm,20.0s		LQM		14 23 46.0
MCGM	comp=N,51nm,20.0s		LQM		14 24 00.0
MCGM			eLR	LR	14 27 20.0
MCGM	comp=Z,221nm,20.0s		LRM	MLR	14 32 30.0
MCGM	comp=E,109nm,20.0s		LRM	MLR	14 32 48.0
MCGM	comp=N,105nm,22.0s		LRM	MLR	14 33 16.0
MNK	Minsk	134.02 329f	e	Pdf	13 32 56.0 +2.3
MNK			e		13 35 54.0
MNK			e		13 38 22.0
MNK			ePS	PS	13 48 40.0 -5.0
MNK	comp=Z,24um,10.0s		pmax	pmax	
MNK	comp=Z,52um,12.0s		pmax	pmax	
MNK	comp=Z,221um,20.0s		MLR	MLR	
MNK	comp=E,109um,20.0s		MLR	MLR	
MNK	comp=N,105um,22.0s		MLR	MLR	
BBGH	Gunn Hill	134.09 91	PFAKE	LR	13 36 10.0 +1.4
BBGH			LR		
IZAR	Zarasai	134.10 331	eP	PKPdf	13 35 51.4 -3.2
IZAR			IAMB		13 38 04.8
IZAR	Kavak	134.11 308	eP	PP	13 39 25.6 +0.3
KVTS	Kahramanmamas	134.11 303	eP	PKPdf	13 36 03.1 +7.8
RMRS	Il alroos	134.19 299	eP	PKPdf	13 35 59.9 +4.5
ISAL	Salakas	134.26 331	eP	PKPdf	13 35 51.5 -3.5
ISAL			IAMB		13 36 05.1
ISAL	comp=Z,133nm,1.1s		eP	PP	13 38 26.7 +0.4
NACGM	Naroch	134.33 330	eP	Pdf	13 33 04.0 +8.9
NACGM			ePKHKP	PKPpre	13 35 47.0
NACGM			ePKIKP	PKIKP	13 36 03.0 +6.5
NACGM	comp=Z,1.5nm,1.0s		PKHKPM		13 36 05.0
NACGM			eP	PP	13 39 29.0 +2.2
NACGM			ePKS	PKSdf	13 39 29.0 -2.2
NACGM			ePPP	PPP	13 41 48.0
NACGM			eSKS	SKSdf	13 42 54.0 -1.2
NACGM			eSKKS	SKKSac	13 45 13.0 -8.8
NACGM			eSKKKS		13 46 03.0
NACGM			ePS	SS	13 46 58.0 +1.0
NACGM			eSS	SS	13 56 24.0 +8.1
NACGM			eSSS	SSS	14 01 28.0
NACGM			eLQ	LQ	14 18 12.0
NACGM			eLR	LR	14 26 05.0
SAFI	Sardiz-Kayseri	134.34 305	eP	Pdf	13 36 03.1 +7.1
SIM	Simferopol	134.46 314c	e	Pdf	13 33 04.0 +8.1
SIM			e		13 38 31.0
SIM			pmax	pmax	
SNOP	comp=Z,7um,9.9s	134.50 310	eP	PKPdf	13 36 00.4 +4.5
DNKM	Dikmen	134.56 309	eP	PKPdf	13 36 04.7 +8.7
ASf	Jabal al Asfar	134.66 296	eP	PKHkP	13 35 49.0
ASf	comp=Z,1.3nm,0.5s,baz=24s,slow=2.7,SNR=3.3		PKP	PKPdf	13 35 56.7 +0.1
ASf	comp=Z,12nm,1.0s,baz=13,slow=2.0,SNR=15		PKP	PKPdf	13 38 32.0 +1.7
ASf	comp=Z,14nm,0.9s,baz=87,slow=4.1,SNR=3.1		PKP	PKPpre	13 35 49.0
ASf	Jabal al Asfar	134.66 296	eP	PKIKP	13 35 56.7
ASf			e		13 38 32.0
BTCH	Batrach	134.66 301	eP	PKPdf	13 35 59.5 +3.1
BORG	Borgarnes	134.69 6	eP	PKPdf	13 35 54.5 -1.0
BORG	comp=Z,14nm,0.8s,baz=27,slow=4.5,SNR=2.3		PP		13 38 31.0 +2.5
BORG	comp=Z,50nm,1.2s,baz=24,slow=8.6,SNR=4.8		PKP	PKPdf	13 35 54.5 -1.0
BORG	Borgarnes	134.69 6	eP	PKIKP	13 38 31.0
BORG			pmax	pmax	
BORG	comp=Z,14nm,0.8s		pmax	pmax	
BORG	comp=Z,50nm,1.2s		pmax	pmax	
BNN	Bunyan	134.71 305	eP	PKPdf	13 35 59.2 +2.6
TAHT	Tathtokopru-Hat	134.84 302	eP	PKPdf	13 38 00.4 +3.7
BIDA	Albida	134.80 300	eP	PKPdf	13 35 56.2 -0.7
BYBT	Boyabat	134.96 309	eP	PKPdf	13 36 02.5 +5.8
KOZT	Kozan	134.96 303	eP	PKPdf	13 36 01.5 +4.6
MEY	Ceyhan	135.09 303	eP	PKPdf	13 36 03.1 +5.9
MOL	Molde	135.21 347	eP	PP	13 38 30.4 -1.4
MOL			ePP		14 27 42.0
MOL			IVMS_BB IVMS_BB		14 27 42.0
AKASG	Malin Aray Be	135.25 323	eP	PKHkP	13 35 49.1
AKASG	comp=Z,7.3nm,0.9s,baz=46,slow=3.3,SNR=12		PKP	PKPdf	13 35 57.5 +0.5
AKASG	comp=Z,2.7nm,0.8s,baz=52,slow=2.4,SNR=18		PP		13 38 36.1 +3.3
AKASG	comp=Z,34nm,1.0s,baz=50,slow=6.0,SNR=10		SK		13 39 33.3
KIEV	Kiev	135.26 323	eP	PKPdf	13 35 57.7 +0.7
KIEV			MLR		13 38 33.2 -1.7
KIEV	comp=Z,97um,22.0s	135.26 323	eP	PKPdf	13 35 56.7 -0.3
KIEV			LR		
HWQ	Hamwa	135.29 299	eP	PKPdf	13 35 59.3 +1.5
DOMB	Dombas	135.35 346	eP	PKPdf	13 35 55.1 -1.8
DOMB			IAMB		13 38 08.0
CORM	Corum	135.36 307	eP	PKPdf	13 36 00.9 +3.2
BRBR	Barbar	135.37 298	eP	PKPdf	13 35 59.7 +1.6
EZ	Ezkurt	135.39 310	eP	PKPdf	13 36 03.3 +5.6
KRTS	Karatas	135.46 302	eP	PKPdf	13 36 06.3 +9.0
BHL	Bhannes	135.57 298	eP	PKPdf	13 35 58.2 -0.1
KARA	Karaisali	135.60 303	eP	PKPdf	13 36 05.8 +7.7
TOS	Tosya	135.61 309	eP	PKPdf	13 36 01.5 +3.4
AKN	Aaknes	135.67 347	eP	PP	13 35 54.4 -3.1
AKN			eSS	SS	13 38 33.2 -1.7
AKN			IVMS_BB IVMS_BB		14 37 41.2
NO2	NORSAR Subarrat	135.69 344	eP	PKPdf	13 35 54.4 -3.2
NO2	comp=Z,31nm,1.9		PKP	PKPpre	13 35 46.0
NOA	NORSAR Array B	135.69 344	eP	PKHkP	13 35 46.0
NOA	comp=Z,2.4nm,0.9s,baz=42,slow=2.4,SNR=4.6		PKP	PKP	13 35 57.1 -0.5
NOA	comp=Z,34nm,1.0s,baz=59,slow=1.9,SNR=19		PP	PP	13 38 39.6 +4.6
NOA	comp=Z,9.0nm,1.0s,baz=31,slow=5.5,SNR=3.3		PKHkP	PKPpre	13 35 46.0
NOA	NORSAR Array B	135.69 344	eP	PKHkP	13 35 57.1
NOA			PKHkP	PKPpre	13 38 39.7
NOA	comp=Z,34nm,1.0s		pmax	pmax	
NOA	comp=Z,9.0nm,1.0s		pmax	pmax	
HFS	Hagfors	135.76 342	eP	PKHkP	13 35 47.0
HFS	comp=Z,9.9nm,0.9s,baz=58,slow=5.5,SNR=8.7		PKP	PKPdf	13 35 55.9 -1.8
HFS	comp=Z,22nm,0.8s,baz=90,slow=4.4,SNR=14		SKP	SKIP	13 39 38.5 +3.7
HFS	comp=Z,41nm,1.1s,baz=63,slow=3.9,SNR=2.9		SKP	SKIP	

NIG	Nigde	135.80 305	eP	PKPdf	13 36 05.5 +6.7
MMAI	Mount Meron Ar	135.86 297	eP	PKPdf	13 35 56.5 -2.3
MMAI	comp=Z,6.4nm,0.7s,baz=90,slow=2.9,SNR=1.5		SKP	SKIP	13 39 38.6 +2.6
NC602	NORSAR Array S	135.86 344	eP	PKPdf	13 35 52.9 -4.9
NC602	comp=Z,1.7nm,0.9s,baz=96,slow=1.5,SNR=2.5		IVMS_BB IVMS_BB		14 36 46.3
CANT	Cankiri	136.01 308	eP	PKPdf	13 36 03.1 +4.2
GULA	Gulegac	136.04 305	eP	PKPdf	13 36 06.8 +7.7
BRTR	Keskin Array B	136.20 307	eP	PKHkP	13 35 50.9
BRTR	comp=Z,1.2nm,0.8s,baz=137,slow=5.3,SNR=3.6		PKP	PKPdf	13 35 59.4 0.0
BRTR	comp=Z,8.4nm,0.9s,baz=112,slow=3.6,SNR=1.7		PKP	PKPdf	13 36 05.9 +6.6
KAMT	Yaylak	136.25 306	eP	PKPdf	13 35 57.9 -1.5
YAYX	Yaylak	136.25 306	eP	PKPdf	13 36 04.5 +4.7
SERE	Sereflikochisa	136.43 306	eP	PKPdf	13 35 52.6
EIL	Eilat	136.45 292	eP	PKHkP	13 36 00.9 +1.2
Safarbolu	Yessilyurt	136.53 309	eP	PKPdf	13 36 03.8 +8.3
YASY	Yessilyurt	136.53 304	eP	PKPdf	13 35 54.4 -4.9
SUW	Suwalki	136.56 330	eP	PKPdf	13 38 42.0 +1.2
SUW			eSKSdf	SKSdf	13 39 58.8 +0.1
SUW			eSS	SS	13 40 57.0
SUW			eSSS	SSS	13 56 49.7 +7.1
SUW			ePSS	SSS	13 58 51.2
SUW			LMZ	LMZ	14 34 54.9
SUW	Suwalki	136.56 330	eP	PKIKP	13 35 54.5 -4.9
SUW			e		13 38 42.0
SUW			e		13 43 08.8
SUW	comp=Z,124um,24.3s		MLR	MLR	
EREN	Erenkoy	136.58 301	eP	PKPdf	13 35 58.2 -1.7
FOO	Floory	136.59 348	eP	PKPdf	13 35 57.4 -1.7
FOO			eP	PP	13 38 39.6 -1.0
SULT	Sultanhani-AKS	136.63 305	eP	PKPdf	13 35 58.8 -1.3
AFSR	Af-ar-Bala (A)	136.69 307	eP	PKPdf	13 35 58.8 -1.4
OSL	Oslo	136.75 343	eP	PKPdf	13 35 58.9 -0.6
HVA	Hyangyang	136.76 347	eP	PKPdf	13 35 58.1 -1.3
HVA			eP	PP	13 38 40.4 -1.2
PHNC	Palirini	136.76 300	eP	PKPdf	13 36 02.4 +2.1
ANTO	Ankara	136.80 308	eP	PKIKP	13 35 59.1 -1.2
ANTO	comp=Z,70um,19.0s		MLR	MLR	
ANTO	Ankara	136.80 308	eP	PKPdf	13 35 59.1 -1.2
ANTO	comp=Z,70um,19.0s		LR	LR	
LOD	Lodumlu	136.82 308	eP	PKPdf	13 35 58.8 -1.6
KULU	Kulu	136.84 306	eP	PKPdf	13 36 00.2 +0.3
CHEB	Cihanbeyli	137.03 306	eP	PKPdf	13 36 07.5 +6.6
LFK	Lefkose	137.13 301	eP	PKPdf	13 35 56.6 -4.4
SUE	Sulefen	137.14 348	eP	PKPdf	13 35 58.2 -1.9
SUE			eP	PP	13 38 41.8 -2.2
SUE			IVMS_BB IVMS_BB		14 39 29.4
KIS	Kishinev	137.15 319	eP	Pdf	13 33 12.0 +4.2
KIS	comp=Z,1um,13.0s		P	PKM	13 35 54.0 -6.6
KIS	Kishinev	137.15 319	eP	PKM	13 36 10.0
KIS	comp=Z,12um,12.0s		P	PKM	13 38 46.0 +1.1
KIS	Kishinev	137.15 319	eP	SKP	13 39 48.0
KIS			ePSS	SS	13 42 54.0 +1.5
KIS			eSKS	SKSdf	13 45 48.0 +8.9
KIS	Kishinev	137.15 319	eP	PS	13 49 00.0 -1.2
KIS	Kishinev	137.15 319c	eP	Pdf	13 33 12.0 +4.2
KIS			eP	PS	13 48 46.0
KIS			eP	PS	13 49 00.0 -1.2
KIS	comp=Z,1um,13.0s		pmax	pmax	
KIS	comp=N,7um,13.0s		pmax	pmax	
KIS	comp=E,8um,13.0s		pmax	pmax	
KIS	comp=Z,29um,13.0s		pmax	pmax	

25D 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MPEP, MMEI, MDO, RZN, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRU, PRU, PRU, PRU, etc.

1484

Table with columns for station name, frequency, power, and other technical details. Includes stations like THAL, GRF, GRF, GRF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Davos/Dischmat, Matera, Valletta, Exmoor, Stuetta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Marv??o, 'Ain N'Sour, Almerim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

Table with columns: STA, Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Songino Array, Tin City, Yakutsk, Peak Mountain, etc.

Table with columns: STA, Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Mina Array, Grapevine Rang, Summer Lake, Modoc, etc.

Table with columns: STA, Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Marysvale, Marysville, Big Grassy Mtn, Hailey, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like 232A Hassell, 835A Beeville, KSH Kashi, LCO Cas Campanas, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like ABTA Abfaltersbach, BCLA Clavier, WATA Walderalm, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, GEYT Alibek, YKA Yelov, FINES FINESS Array B, etc.

1491

BOZ	Bozeman (W)	80.68	43	P	P	14 16 17.1	-0.6
BOZ	Bozeman (W)	80.68	43	eP	P	14 16 17.3	-0.4
ELK	Elko	80.70	49	P	P	14 16 17.9	-0.1
ELK	Elko	80.70	49	eP	P	14 16 17.0	-1.0
ELK	Elko	80.70	49	eP	P	14 16 17.0	-1.0
ARVC	Arvin	80.73	55	P	P	14 16 17.7	-0.3
ISA	Isabella	80.75	55	P	P	14 16 18.8	-0.4
GRAC	Grapevine Rang	80.94	53	P	P	14 16 18.8	-0.4
BLG	Laguna Peak	81.01	56	P	P	14 16 19.0	-0.5
OSI	Osito Adit	81.04	56	P	P	14 16 19.1	-0.5
SNC	San Nicolas Is	81.05	57	P	P	14 16 19.2	-0.5
DAC	Darwin (Calif)	81.11	54	P	P	14 16 20.2	-0.1
DAC	Darwin (Calif)	81.11	54	P	P	14 16 20.1	-0.1
FFC	Flin Flon	81.12	32	eP	P	14 16 19.9	+0.2
FFC	Flin Flon	81.12	32	eP	P	14 16 19.9	+0.2
FFC	Flin Flon	81.12	32	eP	P	14 16 20.5	+0.8
FFC	Flin Flon	81.12	32	eP	P	14 16 19.9	+0.2
QLMT	Earthquake Lak	81.21	44	P	P	14 16 20.6	0.0
MPMC	Manual Prospec	81.28	54	P	P	14 16 20.5	-0.6
LRMC	Laurel Mountai	81.41	55	P	P	14 16 21.1	-0.6
EDW2	Edwards Air Fo	81.46	55	P	P	14 16 21.5	-0.5
DECC	Green Verdugo	81.49	56	P	P	14 16 21.5	-0.6
FURC	Furnace Creek	81.55	53	P	P	14 16 21.8	-0.4
YMR	Madison River	81.57	44	eP	P	14 16 23.4	+0.8
R11A	Troy Canyon, C	81.58	51	P	P	14 16 21.8	-0.9
PASC	Pasadena Art C	81.64	56	eP	P	14 16 22.8	0.0
YNR	Norris Junctio	81.73	44	P	P	14 16 22.8	-0.6
FMP	Fort Macarthur	81.76	56	P	P	14 16 23.0	-0.5
TPNV	Topopah Spring	81.76	53	eP	P	14 16 24.6	+1.0
TPNV	Topopah Spring	81.76	53	eP	P	14 16 22.9	-0.8
TPNV	Topopah Spring	81.76	53	eP	P	14 16 24.6	+1.0
CIS	Catalina Islan	81.82	57	P	P	14 16 23.1	-0.7
HVU	Hansel Valley	81.84	47	eP	P	14 16 22.2	-1.8
HVU	Hansel Valley	81.84	47	eP	P	14 16 22.2	-1.8
SCI	San Clemente I	81.91	57	P	P	14 16 23.8	-0.4
NACGM	Naroch	81.94	329	eP	P	14 16 24.0	0.0
H17A	Grant Village	81.95	44	eP	P	14 16 23.8	-0.8
H17A	Grant Village	81.95	44	eP	P	14 16 27.7	+3.1
IMW	Indian Meadow	81.97	45	eP	P	14 16 25.3	+0.5
LKWY	Lake	81.97	44	eP	P	14 16 23.9	-0.8
LKWY	Lake	81.97	44	eP	P	14 16 23.9	-0.8
BFCF	Mount Baldy Ra	81.99	56	P	P	14 16 24.1	-0.7
FLWY	Flagg Ranch	82.03	44	P	P	14 16 24.4	-0.6
BGU	Big Grassy Mou	82.09	48	eP	P	14 16 21.8	-3.4
GSC	Goldstone	82.13	54	P	P	14 16 23.9	-1.6
GSC	Goldstone	82.13	54	P	P	14 16 24.9	-0.6
GSC	Goldstone	82.13	54	P	P	14 16 23.9	-1.6
MOOW	Moose Ponds	82.17	45	eP	P	14 16 25.7	-0.1
SHOC	Shoshone	82.23	54	P	P	14 16 25.5	-0.4
REDW	Red Top Meadow	82.30	45	eP	P	14 16 26.5	+0.1
SNOW	Snow King Moun	82.31	45	eP	P	14 16 25.9	-0.6
LOHW	Long Hollow	82.33	45	P	P	14 16 26.9	+0.4
RLMT	Red Lodge	82.39	43	P	P	14 16 25.9	-0.9
RLMT	Red Lodge	82.39	43	eP	P	14 16 27.4	+0.6
AHID	Auburn Hatcher	82.44	46	eP	P	14 16 26.4	-0.8
BBRC	Big Bear Solar	82.52	55	P	P	14 16 26.8	-0.9
DUG	Dugway	82.59	49	eP	P	14 16 28.7	+0.8
DUG	Dugway	82.59	49	eP	P	14 16 27.0	-0.9
DUG	Dugway	82.59	49	eP	P	14 16 28.7	+0.8
MURC	Murrieta	82.62	56	P	P	14 16 27.5	-0.5
HEC	Hector, Ludlow	82.69	55	P	P	14 16 27.9	-0.5
TUQ	Turquoise Moun	82.70	54	P	P	14 16 27.9	-0.7
109C	Camp Elliot, M	83.02	57	P	P	14 16 29.7	-0.4
CTU	Camp Tracy	83.05	48	eP	P	14 16 30.1	-0.2
PFO	Pinyon Flat Ob	83.17	56	P	P	14 16 31.3	+0.3
PFO	Pinyon Flat Ob	83.17	56	P	P	14 16 31.3	+0.3
AKASG	Malin Array Be	83.20	324	P	P	14 16 29.9	-0.7
AKASG	Malin Array Be	83.20	324	P	P	14 16 29.9	-0.7
NLU	North Lily Min	83.20	49	eP	P	14 16 32.3	+1.2
GMRC	Granite Mounta	83.20	54	P	P	14 16 30.5	-0.6
KIEV	Kiev	83.21	324	P	P	14 16 28.9	-1.7
KIEV	Kiev	83.21	324	P	P	14 16 28.9	-1.7
KIEV	Kiev	83.21	324	P	P	14 16 28.9	-1.7
AK11	Malin Array Si	83.24	324	eP	P	14 16 30.9	+0.1
BELC	Belle Mtn. Jos	83.32	55	P	P	14 16 31.2	-0.6
LAO	LASA Array	83.37	41	P	P	14 16 31.0	-0.6
LAO	LASA Array	83.37	41	eP	P	14 16 30.5	-1.2
BW06	Boulder Array	83.42	45	P	P	14 16 31.4	-0.9
BW06	Boulder Array	83.42	45	eP	P	14 16 32.2	0.0
PDAR	Pinedale Array	83.42	45	P	P	14 16 32.8	+0.6
BAR	Barrett	83.44	57	P	P	14 16 31.3	-1.0
MPU	Maple Canyon	83.48	48	eP	P	14 16 30.9	-1.6

2010 DEC

CCUT	Cedar City	83.50	51	eP	P	14 16 32.6	-0.1
DGMT	Dagmar	83.53	38	P	P	14 16 31.9	-0.6
MONP	Monument Peak	83.53	56	P	P	14 16 32.2	-0.8
MSU	Marysville	83.85	50	eP	P	14 16 34.5	0.0
A25A	Marysville	83.85	50	eP	P	14 16 33.6	-0.5
IRM	Iron Mountain	83.87	55	P	P	14 16 33.8	-0.7
IBP	Imperial Bould	83.88	57	P	P	14 16 34.1	-0.5
BC3	Big Chuckawall	83.89	55	P	P	14 16 34.1	-0.5
NOA	NORSAR Array B	83.93	339	P	P	14 16 35.9	+1.6
NOA	NORSAR Array B	83.93	339	P	P	14 16 35.9	+1.6
NEE2	Needles Airpor	83.96	54	P	P	14 16 34.5	-0.4
SWSC	Sam W. Stewart	83.97	56	P	P	14 16 34.5	-0.4
TMUT	Trail Mountain	84.11	49	eP	P	14 16 37.1	+1.2
B25A	Knox Farm, 2.5	84.21	38	P	P	14 16 35.4	-0.5
MALT	Malatya	84.30	310	P	P	14 16 38.3	+1.7
MALT	Malatya	84.30	310	P	P	14 16 38.3	+1.7
A26A	Wade Farm, Ken	84.46	37	P	P	14 16 36.6	-0.5
C25A	Freud Ranch, W	84.48	39	P	P	14 16 37.0	-0.2
Y12C	Blythe	84.52	55	P	P	14 16 37.3	-0.4
PDHCI	Packer Dam, Lak	84.53	54	P	P	14 16 37.4	-0.4
P18A	Preston Nutten	84.58	48	eP	P	14 16 39.4	+1.1
GLA	Glamis	84.63	56	P	P	14 16 37.9	-0.5
GLA	Glamis	84.63	56	P	P	14 16 37.9	-0.5
GLA	Glamis	84.63	56	P	P	14 16 37.9	-0.5
B26A	Jensen Ranch,	84.66	38	P	P	14 16 37.8	-0.4
SRU	San Rafael	84.66	49	eP	P	14 16 38.3	-0.3
SRU	San Rafael	84.66	49	eP	P	14 16 38.3	-0.3
D25A	Fairfield	84.76	39	P	P	14 16 38.3	-0.5
C26A	Wahner Farm, P	85.05	38	P	P	14 16 39.8	-0.4
E25A	Miller Ranch,	85.09	40	P	P	14 16 40.0	-0.4
B27A	Peters Farms,	85.17	37	P	P	14 16 40.4	-0.3
D26A	Manning	85.33	39	P	P	14 16 41.4	-0.2
K22A	Casper	85.38	44	P	P	14 16 41.6	-0.5
K22A	Casper	85.38	44	eP	P	14 16 43.1	+1.0
F25A	Bowman	85.38	40	P	P	14 16 41.6	-0.3
A28A	Rude Farm, Bot	85.40	36	P	P	14 16 41.0	-0.9
C27A	Sayer Ranch,	85.44	38	P	P	14 16 41.6	-0.5
KONO	Kongsberg	85.53	338	eP	P	14 16 40.7	-1.5
B28A	Dugan Ranch, T	85.62	37	P	P	14 16 42.4	-0.5
O20A	White River Ci	85.63	47	P	P	14 16 42.8	-0.6
O20A	White River Ci	85.63	47	eP	P	14 16 44.2	+0.7
E26A	Carlson Angus	85.64	39	P	P	14 16 42.8	-0.3
D27A	Center	85.79	38	P	P	14 16 43.4	-0.4
G25A	Newell	85.82	41	P	P	14 16 43.8	-0.3
F26A	Lodgepole	85.88	40	P	P	14 16 43.9	-0.4
WUAZ	Wupatki	85.90	52	P	P	14 16 44.2	-0.6
WUAZ	Wupatki	85.90	52	eP	P	14 16 45.6	+0.8
H25A	Fruitland	86.05	41	P	P	14 16 44.8	-0.4
RSSD	Black Hills	86.07	42	eP	P	14 16 46.2	+0.7
RSSD	Black Hills	86.07	42	P	P	14 16 45.0	-0.6
RSSD	Black Hills	86.07	42	eP	P	14 16 46.2	+0.7
RAYN	Ar Rayn	86.10	294	P	P	14 16 46.0	+0.2
RAYN	Ar Rayn	86.10	294	eP	P	14 16 46.8	+1.0
B29A	Wagman Farm,	86.15	36	P	P	14 16 45.2	-0.4
E27A	Carson	86.16	39	P	P	14 16 45.3	-0.4
F27A	Lemmon	86.23	40	P	P	14 16 45.7	-0.4
G26A	Maurine	86.24	40	P	P	14 16 45.7	-0.4
D28A	Regan	86.26	38	P	P	14 16 45.7	-0.5
I25A	Rochford	86.31	42	P	P	14 16 46.0	-0.7
MDND	Maddock	86.39	37	P	P	14 16 46.2	-0.6
A30A	Hoffart Farm,	86.41	36	P	P	14 16 46.5	-0.4
E28A	Huff	86.56	38	P	P	14 16 47.2	-0.4
G27A	Dupree	86.57	40	P	P	14 16 47.3	-0.5
J25A	Sunshine Ranch	86.62	42	P	P	14 16 47.6	-0.5
214A	Organ Pipe Nat	86.65	56	P	P	14 16 47.9	-0.5
B30A	Mryvik Farm, E	86.70	36	P	P	14 16 47.9	-0.4
N23A	Red Feather La	86.70	45	P	P	14 16 48.0	-0.7
BRTR	Keekin Array B	86.74	313	P	P	14 16 48.8	0.0
BRTR	Keekin Array B	86.74	313	P	P	14 16 48.8	0.0
ULM	Lac du Bonnet	86.81	34	P	P		

25d 14h

L31A	Butterfield Fa	90.29	41	P	P	14 17 04.8	-0.7
C37A	Embarrass	90.30	34	P	P	14 17 04.9	-0.5
F35A	Swanville	90.32	36	P	P	14 17 05.0	-0.5
Q28A	Sharon Springs	90.34	45	P	P	14 17 05.1	-0.8
H34A	Spellman Lake,	90.45	38	P	P	14 17 05.6	-0.5
EYMN	Ely	90.49	33	P	P	14 17 05.7	-0.5
K32A	Verdigris	90.49	40	P	P	14 17 05.7	-0.7
CLL	Collim	90.51	331	i	P	14 17 05.4	-0.8
CLL	Collim					14 17 08.5	
D37A	Cotton	90.56	34	P	P	14 17 06.1	-0.6
E36A	McGregor	90.57	35	P	P	14 17 06.2	-0.5
P29A	Atwood	90.58	44	P	P	14 17 06.2	-0.7
ECSD	EROS Data Cent	90.59	39	P	P	14 17 06.1	-0.7
J33A	Davis	90.65	39	P	P	14 17 06.5	-0.6
M31A	Lambrecht Ranc	90.72	42	P	P	14 17 07.2	-0.3
R28A	Tribune	90.77	46	P	P	14 17 07.2	-0.7
G35A	Watkins	90.79	37	P	P	14 17 07.2	-0.5
I34A	Hadley	90.81	38	P	P	14 17 07.2	-0.7
F36A	Milaca	90.87	36	P	P	14 17 07.4	-0.7
L32A	Elgin	90.88	41	P	P	14 17 07.5	-0.8
H35A	Sunnyside Ranc	90.94	37	P	P	14 17 07.8	-0.6
Q29A	Oakley	90.97	45	P	P	14 17 08.0	-0.8
E37A	Wrenshall	90.98	35	P	P	14 17 07.9	-0.6
P30A	Selden	91.04	44	P	P	14 17 08.2	-0.8
N31A	Bailey Ranch,	91.05	42	P	P	14 17 08.4	-0.6
K33A	Hardington	91.08	40	P	P	14 17 08.5	-0.7
R29A	Marienthal	91.15	45	P	P	14 17 08.8	-0.8
S28A	Mantor	91.16	46	P	P	14 17 09.2	-0.5
BGNE	Belgrade	91.17	41	P	P	14 17 08.9	-0.6
G36A	St. Michael	91.17	36	P	P	14 17 08.9	-0.6
L33A	Hoskins	91.20	40	P	P	14 17 09.0	-0.7
O31A	Woolen Ranch,	91.23	43	P	P	14 17 09.2	-0.7
J34A	George	91.24	39	P	P	14 17 09.1	-0.7
C39A	Grand Marais	91.25	33	P	P	14 17 09.2	-0.6
Q30A	Quinter	91.40	44	P	P	14 17 10.0	-0.8
I35A	Creekview Farm	91.41	38	P	P	14 17 09.9	-0.7
N32A	Stulken Farm,	91.48	42	P	P	14 17 10.2	-0.8
H36A	Jessenland, He	91.51	37	P	P	14 17 10.4	-0.6
K34A	Le Mars	91.55	39	P	P	14 17 10.7	-0.5
P31A	Stockton	91.59	43	P	P	14 17 10.8	-0.7
J35A	Milford	91.61	39	P	P	14 17 10.8	-0.7
M33A	Taylor Creek F	91.62	41	P	P	14 17 11.0	-0.6
S29A	Ulysses	91.64	46	P	P	14 17 11.1	-0.6
SPMN	St. Paul	91.67	36	P	P	14 17 11.1	-0.6
SPMN	St. Paul	91.67	36	eP	P	14 17 12.7	+0.9
R30A	Dighton	91.78	45	P	P	14 17 12.0	-0.5
CBKS	Cedar Bluff	91.80	44	P	P	14 17 12.3	-0.3
O32A	Brockman Farm,	91.80	42	P	P	14 17 11.9	-0.6
T29A	Hugoton	91.80	46	P	P	14 17 12.1	-0.6
I36A	Fitzsimmons Fa	91.83	37	P	P	14 17 12.0	-0.5
KHC	Kasperske Hory	91.85	330	eP	P	14 17 07.7	-4.9
KHC	Kasperske Hory	91.85	330	eP	P	14 17 07.7	-4.9
Q31A	Ellis	91.89	44	P	P	14 17 12.3	-0.7
N33A	J Bar K, Exete	92.00	42	P	P	14 17 12.8	-0.6
GERES	GERESS Array B	92.01	329	P	P	14 17 13.4	0.0
GERES	GERESS Array B	92.01	329	P	P	14 17 13.4	0.0
K35A	Storm Lake	92.01	39	P	P	14 17 12.7	-0.7
M34A	Aspy Farms, Fr	92.02	41	P	P	14 17 12.9	-0.6
S30A	Montezuma	92.05	45	P	P	14 17 13.1	-0.7
H37A	Dierke Farm, C	92.05	37	P	P	14 17 13.0	-0.5
J36A	Seneca 1, Swea	92.11	38	P	P	14 17 13.2	-0.7
MNTX	Cornudas Mount	92.16	53	P	P	14 17 14.1	-0.3
MNTX	Cornudas Mount	92.16	53	eP	P	14 17 14.3	0.0
I37A	Lemond, Waseca	92.17	37	P	P	14 17 13.4	-0.7
L35A	Blow Farm, R	92.23	40	P	P	14 17 13.9	-0.5
U29A	Oasis Ranch, S	92.23	47	P	P	14 17 14.0	-0.7
R31A	Burdett	92.25	45	P	P	14 17 14.0	-0.7
O33A	Hebron	92.33	42	P	P	14 17 14.3	-0.6
T30A	Plains	92.36	46	P	P	14 17 14.9	-0.3
Q32A	Mettler Ranch,	92.41	43	P	P	14 17 15.1	-0.2
N34A	Lincoln	92.49	41	P	P	14 17 15.1	-0.6
K36A	Gilmore City	92.50	39	P	P	14 17 15.2	-0.5
J37A	Redenius Farm,	92.55	38	P	P	14 17 15.4	-0.5
M35A	Neola	92.56	40	P	P	14 17 15.3	-0.6
U30A	WK&E Inc. Balk	92.59	46	P	P	14 17 15.8	-0.5
P33A	Williams Farm,	92.67	43	P	P	14 17 16.0	-0.6
R32A	Long Quarter,	92.67	44	P	P	14 17 16.3	-0.3
S31A	Mullville	92.68	45	P	P	14 17 16.2	-0.5
MXST	Muleshoe	92.69	50	P	P	14 17 16.2	-0.7
I38A	Scanlan Farm,	92.72	37	P	P	14 17 16.1	-0.5
L36A	Harm Buss Farm	92.73	39	P	P	14 17 16.1	-0.7
Q34A	Beatrice	92.79	42	P	P	14 17 16.4	-0.7
Q33A	Connelly Farm,	92.85	43	P	P	14 17 16.8	-0.6

2010 DEC

K37A	Belmond	92.87	38	P	P	14 17 16.7	-0.6
T31A	Randall Ranch,	92.87	46	P	P	14 17 17.0	-0.6
AMTX	Amarillo	92.89	48	P	P	14 17 17.2	-0.6
S32A	Newby Ranch, P	92.97	45	P	P	14 17 17.4	-0.6
N35A	Tabor	92.98	41	P	P	14 17 17.4	-0.6
V30A	Spur Ranch, Mi	93.02	47	P	P	14 17 17.6	-0.7
M36A	Fell Anita	93.08	40	P	P	14 17 17.7	-0.6
P34A	Walnut Farm, R	93.12	42	P	P	14 17 18.0	-0.6
R33A	Olander Ranch,	93.19	44	P	P	14 17 18.4	-0.6
U31A	Nine Bar Ranch	93.20	46	P	P	14 17 18.4	-0.7
O35A	Humboldt	93.20	41	P	P	14 17 18.4	-0.6
L37A	Phoenix Point,	93.23	39	P	P	14 17 18.4	-0.6
T32A	Huddler Ranch,	93.30	45	P	P	14 17 18.9	-0.7
N36A	Muff Farm, Cla	93.40	40	P	P	14 17 19.4	-0.5
W30A	Crocket Farms	93.44	48	P	P	14 17 19.5	-0.7
Q34A	Chapman	93.44	43	P	P	14 17 19.6	-0.5
KSU1	Kansas State U	93.53	42	P	P	14 17 19.8	-0.6
KSU1	Kansas State U	93.53	42	eP	P	14 17 19.4	-1.1
M37A	Trindle Farm,	93.53	39	P	P	14 17 19.9	-0.6
V31A	Spring Creek L	93.57	47	P	P	14 17 20.1	-0.6
P35A	Duane Minner,	93.61	42	P	P	14 17 20.4	-0.5
R34A	Isabella, Hill	93.65	43	P	P	14 17 20.3	-0.7
L38A	Oak Wood Farm,	93.66	38	P	P	14 17 20.5	-0.5
X30A	Coker Ranch, T	93.68	48	P	P	14 17 20.6	-0.8
U32A	Winter Ranch,	93.74	46	P	P	14 17 20.8	-0.7
T33A	Patterson Ranc	93.79	45	P	P	14 17 21.1	-0.7
O36A	Bolckow	93.84	41	P	P	14 17 21.4	-0.5
W31A	Holland Ranch,	93.85	47	P	P	14 17 21.5	-0.6
N37A	Lee Faris, Mou	93.87	40	P	P	14 17 21.4	-0.7
Y30A	Stafford Cattl	94.00	49	P	P	14 17 22.3	-0.5
M38A	Pleasantville	94.01	39	P	P	14 17 22.1	-0.6
Q35A	Mercer Eighty,	94.03	42	P	P	14 17 22.1	-0.7
P36A	Good Intent, A	94.03	41	P	P	14 17 22.2	-0.6
S34A	Willow Spring	94.11	44	P	P	14 17 22.6	-0.6
V32A	Arapaho	94.11	46	P	P	14 17 22.7	-0.6
X31A	McDonald Ranch	94.16	48	P	P	14 17 22.8	-0.7
Z30A	Sanderson Ranc	94.20	49	P	P	14 17 23.0	-0.8
U33A	Lingo Farm, Me	94.27	45	P	P	14 17 23.4	-0.6
R35A	Emporia Munic	94.27	43	P	P	14 17 23.2	-0.7
Q36A	Arnold C. Orve	94.31	42	P	P	14 17 23.3	-0.7
W32A	Sentinel	94.35	47	P	P	14 17 23.7	-0.6
Y31A	Rekieta Farm,	94.38	48	P	P	14 17 23.9	-0.6
T34A	McClasky Farm	94.49	44	P	P	14 17 24.3	-0.6
V33A	Lossen Ranch,	94.54	46	P	P	14 17 24.8	-0.5
P37A	Lathrop	94.56	41	P	P	14 17 24.5	-0.7
S35A	Otter Creek Ra	94.61	43	P	P	14 17 24.8	-0.7
U34A	Anderson Ranch	94.63	45	P	P	14 17 25.0	-0.6
U34A	Anderson Ranch	94.63	45	eP	P	14 17 26.7	+1.1
R36A	Gordon, Harris	94.69	43	P	P	14 17 25.2	-0.6
TX31	Lajitas Ar. Si	94.71	54	eP	P	14 17 27.1	+0.9
TXAR	Lajitas Array	94.71	54	eP	P	14 17 26.8	+0.6
TXAR	Lajitas Array	94.71	54	P	P	14 17 26.8	+0.6
BFO	Black Forest	94.75	332	i	P	14 17 26.2	+0.3
X32A	Elmer	94.75	47	P	P	14 17 25.6	-0.6
N39A	Derby Farms, D	94.76	39	P	P	14 17 25.5	-0.6
W33A	Caddo, Fort Co	94.83	46	P	P	14 17 25.8	-0.7
Z31A	Sharp	94.84	49	P	P	14 17 25.9	-0.8
Q37A	Longview Farm,	94.96	42	P	P	14 17 26.5	-0.5
T35A	Sooner Cattle	94.97	44	P	P	14 17 26.5	-0.6
P38A	Dawn	95.01	41	P	P	14 17 26.6	-0.7
V34A	Guthrie	95.02	45	eP	P	14 17 26.9	-0.5
V34A	Guthrie	95.02	45	eP	P	14 17 28.5	+1.1
Z30A	Sterling City	95.03	50	P	P	14 17 26.9	-0.7
I31A	Roll	95.06	49	P	P	14 17 27.0	-0.7
R37A	Teagarden Farm	95.10	42	P	P	14 17 27.0	-0.8
U35A	Pawnee	95.18	45	P	P	14 17 27.5	-0.6
X33A	Lawton	95.19	47	P	P	14 17 27.5	-0.7
W34A	Bridge Creek,	95.23	46	P	P	14 17 27.7	-0.7
330A	Mertzon	95.27	51	P	P	14 17 27.9	-0.8
T36A	Boggs Farm, Ca	95.27	44	P	P	14 17 27.7	-0.8
Z32A	Haskell	95.29	48	P	P	14 17 27.9	-0.8
Q38A	Cooks Store, C	95.40	41	P	P	14 17 28.4	-0.6
Y33A	Hilltop Ranch,	95.43	47	P	P	14 17 28.6	-0.7
S37A	Fort Scott	95.46	43	P	P	14 17 28.7	-0.7
V35A	Meyer Ranch, C	95.50	45	P	P	14 17 28.9	-0.7
P39A	Salisbury	95.55	40	P	P	14 17 29.0	-0.7
Z31A	Bronte	95.55	50	P	P	14 17 29.3	-0.7
X34A	Smith Ranch, M	95.58	47	P	P	14 17 29.2	-0.8
ABTX	Abielne, Hawle	95.59	49	P	P	14 17 29.3	-0.8
O40A	La Belle	95.62	39	P	P	14 17 29.3	-0.7
Q39A	Willow Grove F	95.71	41	P	P	14 17 29.8	-0.6
R38A	Ferneck Farm,	95.74	42	P	P	14 17 30.0	-0.6
Z33A	Whitaker Ranch	95.78	48	P	P	14 17 30.3	-0.6
T37A	Cheyeville 18	95.82	43	P	P	14 17 30.4	-0.6

1492

331A	San Angelo	95.85	51	P	P	14 17 30.6	-0.7
W35A	Tecumseh	95.86	46	P	P	14 17 30.5	-0.7
S30A	J-C Ranch, Com	95.89	52	P	P	14 17 30.8	-0.8
P40A	Paris	95.92	40	P	P	14 17 30.6	-0.8

25d 14h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like B25A Knox Farm, A26A Wade Farm, P18A Preston Nutter, etc.

2010 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like J31A Geddes, G33A Ortonville, H33A Prehn Over Nor, etc.

1494

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, CBJJ Chichijima, etc.

1494 14:14:17.2: 1.0, 19:50S:168.11E, h0km, mb4.4/9, mb1.4/8.10, mb1mx4.2/42, mbimp4.4/10, ML.3/1, Error ellipse: s-maj=30.8km s-min=20.7km az=153.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like DZM, DZM, DZM, etc.

25d 14h

PKI	Pulchoki	51.02 285 eP	P	14 28 01.3 -0.5
PKIN	Pulchoki	51.03 285 eP	P	14 28 01.2 -0.6
KKN	Kakani	51.08 285 eP	P	14 28 01.8 -0.3
MK01	Makanchi Array	51.18 309 eP	P	14 28 03.0 +0.6
MKAR	Makanchi Array	51.19 309 eP	P	14 28 02.9 +0.5
MKAR	comp=Z,0.9nm,0.7s,baz=81,slow=7.5,SNR=6.9		PcP	14 29 17.6 +0.1
DMN	Daman	51.27 285 eP	P	14 28 02.9 -0.7
MAKZ	Makanchi	51.40 310 eP	P	14 28 05.5 +1.5
ASAR	Alice Springs	51.44 191 P	P	14 28 02.8 -1.6
ASAR	Alice Springs	51.44 191 P	P	14 28 02.8 -1.6
ASAR	comp=Z,1.0nm,0.7s		pmax	14 28 12.6 -0.3
KOLN	Koldanda	52.53 285 eP	P	14 28 12.6 -0.3
KDAK	Kodiak Island	53.61 37 P	P	14 28 20.0 -0.1
KDAK	Kodiak Island	53.61 37 P	P	14 28 20.0 -0.1
KDAK	comp=Z,1.7nm,0.3s,baz=104,slow=4.1,SNR=9.7		pmax	14 28 21.2 +0.8
KURK	Kurchatov	53.63 314 P	P	14 28 21.2 +0.8
KURK	Kurchatov	53.63 314 P	P	14 28 21.1 +0.8
KURB	Kurchatov Arra	53.68 314 P	P	14 28 21.1 +0.4
BPAW	Bear Paw Mtn.	55.23 29 eP	P	14 28 33.0 +1.2
TRF	Thorofare Moun	55.44 30 eP	P	14 28 33.5 0.0
RND	Reindeer	56.07 30 eP	P	14 28 37.7 -0.3
RND	Reindeer	56.07 30 eP	P	14 28 37.7 -0.3
RND	comp=Z,9.0nm,0.8s		pmax	14 28 38.3 +0.4
MCK	McKinley	56.07 30 eP	P	14 28 38.3 +0.4
MCK	McKinley	56.07 30 eP	P	14 28 38.3 +0.4
MCK	comp=Z,1.7nm,1.1s		pmax	14 28 39.7 +1.8
COLD	Coldfoot	56.08 25 eP	P	14 28 39.7 +1.8
MDM	Murphy Dome	56.53 28 eP	P	14 28 42.1 +0.9
COLA	College	56.68 28 eP	P	14 28 43.6 +1.5
COLA	College	56.68 28 eP	P	14 28 43.6 +1.5
AAK	Ala-Archa	57.03 305 eP	P	14 28 46.5 +1.2
AAK	Ala-Archa	57.03 305 eP	P	14 28 46.5 +1.2
AAK	comp=Z,0.5nm,1.0s		pmax	14 28 43.7 -1.3
IL1	Eielson Array	57.08 29 P	P	14 28 44.5 -0.5
ILAR	Eielson Array	57.08 29 P	P	14 28 44.5 -0.5
ILAR	Eielson Array	57.08 29 P	P	14 28 44.5 -0.5
ILAR	comp=Z,6.2nm,0.9s,baz=267,slow=5.9,SNR=18		pmax	14 28 48.8 +0.2
PAX	Paxson	57.56 31 eP	P	14 28 48.8 +0.2
PAX	Paxson	57.56 31 eP	P	14 28 48.8 +0.2
PAX	comp=Z,2.3nm,1.5s		pmax	14 28 54.7 +0.9
VOSK	Vostochnaya	58.30 317 eP	P	14 28 54.7 +0.9
VOSK	Vostochnaya	58.30 317 eP	P	14 28 54.7 +0.9
VOSK	comp=Z,8.0nm,0.8s		pmax	14 28 57.3 +1.1
BVAR	Borovyoye Array	58.64 317 P	P	14 28 57.3 +1.1
BVAR	Borovyoye Array	58.64 317 P	P	14 28 57.3 +1.1
BVAR	comp=Z,7.5nm,0.7s,baz=92,slow=7.9,SNR=13		pmax	14 28 58.3 +1.7
BRVK	Borovyoye	58.70 317 eP	P	14 28 58.3 +1.7
BRVK	Borovyoye	58.70 317 eP	P	14 28 58.3 +1.7
STKA	Stephens Creek	58.82 182 P	P	14 28 55.6 -1.8
STKA	Stephens Creek	58.82 182 P	P	14 28 55.7 -1.8
STKA	comp=Z,2.4nm,0.6s,baz=348,slow=9.4,SNR=6.2		pmax	14 29 03.1 +1.1
ZRNK	Zerenda	59.48 317 eP	P	14 29 03.1 +1.1
ZRNK	Zerenda	59.48 317 eP	P	14 29 03.1 +1.1
ZRNK	comp=Z,4.3nm,2.1s		pmax	14 29 05.6 +0.9
KKAR	Karatay Array	59.84 306 eP	P	14 29 05.6 +0.9
KKAR	Karatay Array	59.84 306 eP	P	14 29 05.6 +0.9
DAWY	Dawson	60.30 30 P	P	14 29 08.0 +0.5
INK	Inuvik	62.46 25 P	P	14 29 22.4 +0.6
INK	Inuvik	62.46 25 P	P	14 29 22.5 +0.6
INK	comp=Z,4.4nm,0.7s,baz=63,slow=5.9,SNR=14		pmax	14 29 31.7 +1.1
SVE	Sverdlouk	63.74 323 eP	P	14 29 31.7 +1.1
ARU	Arvi	64.94 322 eP	P	14 32 01.1
ARU	Arvi	64.94 322 eP	P	14 32 01.1
ARU	comp=Z,4.0nm,0.7s		S	14 38 26.9 +9.3
ARU	Arvi	64.94 322 eP	P	14 32 01.1
ARU	Arvi	64.94 322 eP	P	14 32 01.1
ARU	comp=Z,17nm,1.2s		pmax	14 29 38.5 0.0
ABKAR	Akbulak array	65.74 314 eP	P	14 29 43.5 -0.2
AKTO	Aktuybinsk	66.65 316 eP	P	14 29 49.8 +0.2
AKTO	Aktuybinsk	66.65 316 eP	P	14 29 49.8 +0.2
AKTO	comp=Z,2.7nm,0.8s,baz=64,slow=17,SNR=5.9		pmax	14 29 43.3 +1.6
GEYT	Alibek	70.30 303 P	P	14 30 18.8 -0.7
YKA	Yellowknife Ar	71.51 29 P	P	14 30 18.8 -0.7
YKA	Yellowknife Ar	71.51 29 P	P	14 30 18.8 -0.7
YKA	comp=Z,3.9nm,0.9s,baz=293,slow=5.6,SNR=20		pmax	14 30 19.6 +0.1
YKBS	Yellowknife Ar	71.51 29 eP	P	14 30 19.6 +0.1
RES	Resolute Bay	71.66 14 eP	P	14 30 21.4 +1.1
RES	Resolute Bay	71.66 14 eP	P	14 30 21.4 +1.1
A04D	Lummi Island	72.49 44 P	P	14 30 25.3 -0.4
KLMR	Klimovskoye	72.97 330 eP	P	14 30 27.9 -0.4
KLMR	Klimovskoye	72.97 330 eP	P	14 30 27.9 -0.4
B05A	Bryant	73.04 44 P	P	14 30 28.6 -0.3
F04D	Rainier, OR	73.27 46 P	P	14 30 29.9 -0.5
ARCES	ARCES Array B	73.74 341 P	P	14 30 34.1 +1.4
ARCES	ARCES Array B	73.74 341 P	P	14 30 34.1 +1.4
ARCES	comp=Z,2.2nm,0.8s,baz=309,slow=1.1,SNR=3.7		pmax	14 30 33.9 -0.4
I03D	Drain, OR	73.95 49 P	P	14 30 33.9 -0.4
L02D	Cave Junction,	74.37 50 P	P	14 30 36.3 -0.6
I04A	Tendick Farm,	74.54 49 P	P	14 30 37.2 -0.8
G05D	Wamic, OR	74.69 47 P	P	14 30 38.0 -0.7
J04D	Umpqua Nationa	74.96 49 P	P	14 30 39.7 -0.9
I05D	Terrebonne, OR	75.04 48 P	P	14 30 40.1 -0.7
M02C	Callahan	75.18 51 P	P	14 30 40.9 -0.8
K04D	Chiloquin, OR	75.44 49 P	P	14 30 42.6 -0.7
N02D	Trinity Center	75.45 51 P	P	14 30 42.4 -0.8
J05D	Fort Rock, OR	75.53 49 P	P	14 30 43.1 -0.6
M04C	Macdoel	75.72 50 P	P	14 30 44.4 -0.5
VRH	Novokhopovsk	76.05 321 eP	P	14 30 47.3 +0.9

2010 DEC

VRH	comp=Z,4.0nm,0.9s		pmax	pmax
VRH	comp=N,20nm,1.4s		pmax	pmax
VRH	comp=E,10.0nm,0.6s		pmax	pmax
EDM	Edmonton	76.06 37 eP	P	14 30 47.3 +0.8
EDM	Edmonton	76.06 37 eP	P	14 30 47.2 +0.8
EDM	comp=Z,26nm,1.4s		pmax	pmax
NEW	Newport	76.08 43 eP	P	14 30 47.0 +0.3
NEW	Newport	76.08 43 eP	P	14 30 47.0 +0.3
NEW	comp=Z,76nm,2.6s		pmax	pmax
NEW	Newport	76.08 43 P	P	14 30 46.2 -0.5
NEW	Newport	76.08 43 eP	P	14 30 47.0 +0.3
O03D	Paynes Creek	76.35 52 P	P	14 30 47.6 -0.8
ORV	Oroville	76.87 52 eP	P	14 30 51.7 +0.5
ORV	Oroville	76.87 52 eP	P	14 30 51.7 +0.5
ORV	comp=Z,36nm,2.1s		pmax	pmax
LPSR	Galich'ya Gora	76.96 323 eP	P	14 30 50.9 -0.6
LPSR	LPSR	76.96 323 eP	P	14 30 50.9 -0.6
LPSR	comp=Z,6.0nm,0.6s		pmax	pmax
LPSR	LPSR	76.96 323 eP	P	14 30 50.9 -0.6
LPSR	comp=N,7.0nm,0.9s		pmax	pmax
LPSR	LPSR	76.96 323 eP	P	14 30 50.9 -0.6
LPSR	comp=E,2.0nm,0.4s		pmax	pmax
OBN	Obninsk	77.00 326 eP	P	14 30 53.1 +1.5
OBN	Obninsk	77.00 326 eP	P	14 30 53.1 +1.5
OBN	Obninsk	77.00 326 eP	P	14 30 53.1 +1.5
OBN	Obninsk	77.00 326 eP	P	14 30 53.1 +1.5
OBN	Obninsk	77.00 326 eP	P	14 30 53.1 +1.5
J08A	Circle Bar Ran	77.33 48 eP	P	14 30 55.1 +1.2
BMO	Blue Mountains	77.44 46 eP	P	14 30 53.8 -0.6
VSR	Storozhevo	77.48 321 eP	P	14 30 54.7 +0.3
VSR	Storozhevo	77.48 321 eP	P	14 30 54.7 +0.3
VSR	comp=Z,7.0nm,1.1s		pmax	pmax
VSR	VSR	77.48 321 eP	P	14 30 54.7 +0.3
VSR	comp=N,5.0nm,0.8s		pmax	pmax
VSR	VSR	77.48 321 eP	P	14 30 54.7 +0.3
VSR	comp=E,9.0nm,1.0s		pmax	pmax
VORD	Divnogorje	77.53 321 eP	P	14 30 54.6 -0.1
VORD	Divnogorje	77.53 321 eP	P	14 30 54.6 -0.1
VORD	comp=Z,7.0nm,1.1s		pmax	pmax
VORD	VORD	77.53 321 eP	P	14 30 54.6 -0.1
VORD	comp=N,5.0nm,0.6s		pmax	pmax
VORD	VORD	77.53 321 eP	P	14 30 54.6 -0.1
VORD	comp=E,5.0nm,0.7s		pmax	pmax
WALA	Watson Lakes	77.64 41 eP	P	14 30 56.9 +1.3
WALA	Watson Lakes	77.64 41 eP	P	14 30 56.9 +1.3
WALA	comp=E,202nm,3.0s		pmax	pmax
JTMT	Jette	78.02 42 eP	P	14 30 57.1 -0.6
FINES	FINES Array B	78.27 334 P	P	14 30 59.2 +0.7
FINES	FINES Array B	78.27 334 P	P	14 30 59.2 +0.7
FINES	comp=Z,2.3nm,0.6s,baz=82,slow=5.7,SNR=5.3		pmax	pmax
FINES	FINES	78.27 334 P	P	14 30 59.2 +0.7
FINES	FINES	78.27 334 P	P	14 30 59.2 +0.7
SWMT	Swartz Lake	78.30 42 eP	P	14 30 58.2 -1.1
ZEI	Tsey	78.43 312 eP	P	14 31 00.0 -0.2
ZEI	Tsey	78.43 312 eP	P	14 31 00.0 -0.2
ZEI	comp=Z,1.3nm,0.7s		pmax	pmax
MSO	Missoula	78.65 43 P	P	14 31 00.5 -0.6
KBZ	Khabaz	78.67 313 P	P	14 31 02.3 +1.2
KBZ	Khabaz	78.67 313 P	P	14 31 02.3 +1.2
KBZ	comp=Z,8.0nm,0.9s,baz=63,slow=4.4,SNR=6.6		pmax	pmax
KBZ	KBZ	78.67 313 P	P	14 31 02.3 +1.2
KBZ	KBZ	78.67 313 P	P	14 31 02.3 +1.2
KIV	Kislovodsk	78.70 314 eP	P	14 31 05.1 +3.6
KIV	Kislovodsk	78.70 314 eP	P	14 31 05.1 +3.6
KIV	Kislovodsk	78.70 314 eP	P	14 31 05.1 +3.6
KIV	Kislovodsk	78.70 314 eP	P	14 31 05.1 +3.6
KIV	Kislovodsk	78.70 314 eP	P	14 31 05.1 +3.6
GNI	Garni	79.03 309 eP	P	14 31 06.5 +3.0
GNI	Garni	79.03 309 eP	P	14 31 06.5 +3.0
GNI	comp=Z,8.2nm,1.7s		pmax	pmax
MFID	Camas Ranch	79.03 47 P	P	14 31 02.7 -0.7
MLAC	Matthew Lakes	79.58 53 P	P	14 31 05.6 -1.0
MLAC	Matthew Lakes	79.58 53 P	P	14 31 05.6 -1.0
MLAC	comp=Z,16nm,1.1s		pmax	pmax
NV01	Mina Array Sit	79.60 52 eP	P	14 31 07.2 +0.5
NVAR	Mina Array Bea	79.60 52 P	P	14 31 07.5 +0.9
NVAR	Mina Array Bea	79.60 52 P	P	14 31 07.5 +0.9
NVAR	comp=Z,4.5nm,0.7s,baz=294,slow=5.9,SNR=13		pmax	pmax
VSU	Vasula	79.76 331 eP	P	14 31 08.5 +1.7
VSU	Vasula	79.76 331 eP	P	14 31 08.5 +1.7
VSU	comp=Z,103nm,1.7s		pmax	pmax
RCTO	Rector, Farmer	79.87 54 P	P	14 31 07.3 -0.5
RCTO	Rector, Farmer	79.87 54 P	P	14 31 07.3 -0.5
RCTO	comp=Z,296		pmax	pmax
HLID	Hailey	79.88 46 P	P	14 31 07.2 -0.9
HLID	Hailey	79.88 46 eP	P	14 31 07.2 -0.9
HLID	Hailey	79.88 46 eP	P	14 31 07.2 -0.9
HLID	Hailey	79.88 46 eP	P	14 31 07.2 -0.9
HLID	Hailey	79.88 46 eP	P	14 31 07.2 -0.9
LRM	Limelink Ridge	80.04 43 eP	P	

G27A	Dupree	86.51	40	P	P	14 31 41.6	-0.4	R28A	Tribune	90.72	46	P	P	14 32 01.3	-0.9
J25A	Sunshine Ranch	86.57	42	P	P	14 31 41.7	-0.7	G35A	Watkins	90.73	37	P	P	14 32 01.3	-0.7
214A	Organ Pipe Nat	86.62	56	P	P	14 31 42.0	-0.8	F36A	Milaca	90.81	36	P	P	14 32 01.7	-0.6
B30A	Myrvik Farm, E	86.63	36	P	P	14 31 42.0	-0.5	L32A	Elgin	90.82	41	P	P	14 32 01.7	-0.8
N23A	Red Feather La	86.65	45	P	P	14 31 42.0	-1.1	H35A	Sunnyside Ranc	90.88	37	P	P	14 32 02.0	-0.7
BRTR	Keskin Array B	86.66	313	P	P	14 31 42.8	-0.2	E37A	Wrenshall	90.91	35	P	P	14 32 02.1	-0.7
I26A	New Underwood	86.76	41	P	P	14 31 42.6	-0.7	Q29A	Oakley	90.92	45	P	P	14 32 02.2	-0.9
D29A	Pettibone, Tap	86.81	38	P	P	14 31 42.9	-0.6	P30A	Selden	90.98	44	P	P	14 32 02.6	-0.7
H27A	Howes	86.87	41	P	P	14 31 43.1	-0.7	N31A	Bailey Ranch,	90.99	42	P	P	14 32 02.6	-0.8
F28A	McLaughlin	86.88	39	P	P	14 31 43.4	-0.4	K33A	Hardington	91.02	40	P	P	14 32 02.8	-0.6
SMCO	Snowmass	86.92	47	eP	P	14 31 45.6	+0.9	R29A	Marienthal	91.10	45	P	P	14 32 03.0	-0.9
MVCO	Mesa Verde	86.97	49	P	P	14 31 43.8	-0.8	G36A	St. Michael	91.11	36	P	P	14 32 03.1	-0.7
B31A	Greenbush Farm	87.00	36	P	P	14 31 43.7	-0.6	BGNE	Belgrade	91.11	41	P	P	14 32 03.1	-0.8
C30A	Mose, Pekin	87.02	37	P	P	14 31 44.1	-0.3	S28A	Manter	91.11	46	P	P	14 32 03.3	-0.7
J26A	Sides Ranch, S	87.05	42	P	P	14 31 44.2	-0.6	O31A	Woolen Ranch,	91.18	43	P	P	14 32 03.5	-0.7
I27A	Quinn	87.21	41	P	P	14 31 44.9	-0.6	Q30A	Quilley	91.34	44	P	P	14 32 04.1	-0.9
W18A	Petrified Fore	87.21	52	P	P	14 31 45.0	+0.9	I35A	Creekview Farm	91.35	38	P	P	14 32 04.2	-0.7
D30A	Buchanan	87.23	37	P	P	14 31 45.0	-0.5	N32A	Stulken Farm,	91.42	42	P	P	14 32 04.6	-0.7
G28A	Parade	87.27	40	P	P	14 31 45.3	-0.4	H36A	Jessenland, He	91.45	37	P	P	14 32 04.8	-0.5
C31A	Landman Farms,	87.36	36	P	P	14 31 45.4	-0.6	K34A	Le Mars	91.49	39	P	P	14 32 05.0	-0.6
F29A	Eureka	87.43	39	P	P	14 31 45.8	-0.6	P31A	Stockton	91.53	43	P	P	14 32 05.1	-0.8
H28A	Mission Ridge	87.45	40	P	P	14 31 45.9	-0.7	J35A	Milford	91.55	38	P	P	14 32 05.1	-0.7
ISCO	Idaho Springs	87.46	46	P	P	14 31 46.0	-1.1	M33A	Taylor Creek F	91.56	41	P	P	14 32 05.2	-0.8
E30A	Jud	87.53	38	P	P	14 31 46.3	-0.6	S29A	Ulysses	91.59	46	P	P	14 32 05.4	-0.9
B32A	Ashes, Strandq	87.60	35	P	P	14 31 46.7	-0.5	SPMN	St. Paul	91.61	36	P	P	14 32 05.6	-0.5
J27A	Elkhorn Farm,	87.72	42	P	P	14 31 47.4	-0.6	R30A	Dighton	91.72	45	P	P	14 32 06.0	-0.8
KOLS	Kolonick sedl	87.75	326	eP	P	14 31 51.5	+3.6	CBKS	Cedar Bluff	91.74	44	P	P	14 32 06.0	-0.8
KOLS	Kolonick sedl	87.75	326	eP	P	14 31 51.5	+3.6	O32A	Brookman Farm,	91.75	42	P	P	14 32 06.0	-0.8
G29A	Hoven	87.76	39	P	P	14 31 47.5	-0.6	T29A	Hugoton	91.75	46	P	P	14 32 06.1	-0.9
I28A	Midland	87.77	41	P	P	14 31 47.4	-0.7	Q31A	Ellis	91.84	44	P	P	14 32 06.4	-0.9
S22A	4UR Ranch, Cre	87.80	48	P	P	14 31 47.6	-1.1	N33A	J Bar K, Exete	91.94	42	P	P	14 32 07.0	-0.7
D31A	McClaffin, Tow	87.83	37	P	P	14 31 47.8	-0.5	H37A	Dierke Farm, C	91.98	36	P	P	14 32 07.0	-0.8
A33A	Warrard	87.83	34	P	P	14 31 48.6	+0.3	J36A	Seneca 1, Swea	92.05	38	P	P	14 32 07.5	-0.7
F30A	Leola	87.87	38	P	P	14 31 47.9	-0.7	MNTX	Cordus Mount	92.12	53	P	P	14 32 07.9	-0.8
TUC	Tucson	87.92	55	P	P	14 31 48.5	-0.7	MNTX	Cornudas Mount	92.12	53	eP	P	14 32 09.0	+0.3
H29A	Onida	87.94	40	P	P	14 31 48.3	-0.7	L35A	Bielow Farm, R	92.17	40	P	P	14 32 08.0	-0.7
C32A	Crookston	87.96	36	P	P	14 31 48.5	-0.5	T30A	Plains	92.31	46	P	P	14 32 08.7	-0.8
AGMN	Agassiz Nation	88.00	35	P	P	14 31 48.5	-0.6	Q32A	Meltzer Ranch,	92.36	43	P	P	14 32 08.9	-0.9
AGMN	Agassiz Nation	88.00	35	eP	P	14 31 46.9	-2.2	N34A	Lincoln	92.44	41	P	P	14 32 09.2	-0.8
E31A	Nome	88.04	37	P	P	14 31 48.7	-0.7	K36A	Gilmore City	92.44	39	P	P	14 32 09.2	-0.7
G30A	Faulkton	88.24	39	P	P	14 31 49.8	-0.6	U30A	WK&E Inc. Balk	92.54	46	P	P	14 32 09.7	-0.9
I29A	Vivian Onida	88.25	40	P	P	14 31 50.0	-0.4	R32A	Long Quarter,	92.62	44	P	P	14 32 10.1	-0.8
B34A	Aery, Baudette	88.50	34	P	P	14 31 51.2	-0.3	S31A	Muterville	92.63	45	P	P	14 32 10.1	-0.9
J29A	Okreek	88.61	41	P	P	14 31 51.5	-0.6	I38A	Scanlan Farm,	92.66	37	P	P	14 32 10.3	-0.6
SDCO	Great Sand Dun	88.67	48	P	P	14 31 51.8	-1.1	Q33A	Cornelly Farm,	92.80	43	P	P	14 32 10.8	-0.9
G31A	Conde	88.70	38	P	P	14 31 51.8	-0.7	K37A	Belmond	92.81	38	P	P	14 32 10.9	-0.7
L28A	Connealy Angus	88.74	42	P	P	14 31 52.1	-0.8	T31A	Randall Ranch,	92.82	46	P	P	14 32 11.2	-0.7
D33A	AnnSam, Waubun	88.76	36	P	P	14 31 52.2	-0.5	AMTX	Amarillo	92.84	48	P	P	14 32 11.4	-0.7
I30A	Oacoma	88.82	40	P	P	14 31 52.5	-0.6	AMTX	Amarillo	92.84	48	eP	P	14 32 11.8	-0.2
C34A	RKJ Ranch, Bem	88.91	35	P	P	14 31 52.9	-0.6	V30A	Spur Ranch, Mi	92.97	47	P	P	14 32 11.7	-1.0
B35A	Bob, Littlefor	89.04	34	P	P	14 31 53.6	-0.4	M36A	Felix, Anita	93.02	40	P	P	14 32 11.8	-0.8
G32A	Webster	89.07	38	P	P	14 31 53.5	-0.7	P34A	Walnut Farm, R	93.06	42	P	P	14 32 12.1	-0.8
E33A	Westby DABS, E	89.08	36	P	P	14 31 53.8	-0.7	R33A	Olander Ranch,	93.14	44	P	P	14 32 12.5	-0.8
D34A	Park Rapids	89.13	36	P	P	14 31 53.8	-0.7	O35A	Hunholdt	93.15	41	P	P	14 32 12.5	-0.7
J30A	Dallas	89.14	40	P	P	14 31 53.9	-0.8	U31A	Nine Bar Ranch	93.15	46	P	P	14 32 12.6	-0.8
M28A	Bar X Bar Ranc	89.19	43	P	P	14 31 54.3	-0.7	L37A	Phoenix Point,	93.17	39	P	P	14 32 12.5	-0.8
L29A	Maesberg Ranch	89.33	42	P	P	14 31 54.8	-0.8	T32A	Huddler Ranch,	93.25	45	P	P	14 32 13.1	-0.8
C35A	Jirik Farms, M	89.35	35	P	P	14 31 54.8	-0.7	K38A	Parkersburg	93.36	38	P	P	14 32 13.6	-0.6
F33A	5 Mile Ranch,	89.36	37	P	P	14 31 54.9	-0.6	Q34A	Chapman	93.39	43	P	P	14 32 13.9	-0.6
K30A	Basset	89.47	41	P	P	14 31 55.4	-0.8	KSU1	Kansas State U	93.47	42	P	P	14 32 13.9	-0.9
ANMO	Albuquerque	89.58	50	eP	Pmax	14 31 57.7	+0.6	M37A	Trindle Farm,	93.47	39	P	P	14 32 14.0	-0.8
ANMO	Albuquerque	89.58	50	P	Pmax	14 31 56.0	-1.1	V31A	Spring Creek L	93.52	47	P	P	14 32 14.3	-0.8
ANMO	Albuquerque	89.58	50	eP	P	14 31 56.4	-0.7	P35A	Duane Minner,	93.56	42	P	P	14 32 14.3	-0.9
H32A	Carlson Farm,	89.58	39	P	P	14 31 55.9	-0.8	R34A	Isabella, Hill	93.59	43	P	P	14 32 14.6	-0.8
G33A	Ortonville	89.69	38	P	P	14 31 56.4	-0.7	L38A	Oak Wood Farm,	93.60	38	P	P	14 32 14.8	-0.5
D35A	Remer	89.72	35	P	P	14 31 56.6	-0.7	X30A	Coker Ranch, T	93.63	48	P	P	14 32 14.7	-1.0
T25A	Trinidad	89.73	48	P	P	14 31 56.7	-1.1	U32A	Winter Ranch,	93.69	46	P	P	14 32 15.0	-0.9
Y22D	IRIS PASSCAL I	89.73	51	P	P	14 31 56.8	-0.9	T33A	Patterson Ranc	93.73	45	P	P	14 32 15.2	-0.9
I32A	Karley and Nic	89.86	39	P	P	14 31 57.2	-0.8	W31A	Holland Ranch,	93.80	47	P	P	14 32 15.5	-1.0
E35A	Pequot Lakes	89.89	36	P	P	14 31 57.4	-0.6	M38A	Pleasantville	93.95	39	P	P	14 32 16.1	-0.8
121A	Cookes Peak, D	89.96	53	P	P	14 31 57.9	-1.0	Q35A	Mercer Eighty,	93.97	42	P	P	14 32 16.3	-0.8
G34A	Benson	90.09	37	P	P	14 31 58.5	-0.6	P36A	Good Intent, A	93.98	41	P	P	14 32 16.3	-0.8
C37A	Embarrass	90.23	34	P	P	14 31 59.0	-0.6	V32A	Arapaho	94.06	46	P	P	14 32 16.8	-0.9
F35A	Swanville	90.26	36	P	P	14 31 59.1	-0.6	X31A	McDonald Ranch	94.11	48	P	P	14 32 17.0	-0.9
Q28A	Sharon Springs	90.28	45	P	P	14 31 59.3	-0.9	Z30A	Sanderson Ranc	94.15	49	P	P	14 32 17.2	-0.9
H34A	Hueftle Ranch,	90.32	43	P	P	14 31 59.5	-0.8	R35A	Emporia Munici	94.22	43	P	P	14 32 17.4	-0.8
N30A	Spellman Lake,	90.39	38	P	P	14 31 59.8	-0.6	U33A	Lingo Farm, Me	94.22	45	P	P	14 32 17.5	-0.8
CLL	Collin	90.42	331	eP	P	14 32 01.0	+0.6	O37A	Wolven Farm, M	94.24	40	P	P	14 32 17.5	-0.8
K32A	Verdigre	90.43	40	P	P	14 31 60.0	-0.7	Q36A	Arnold C. Orve	94.25	4				

25d 14h

Table with columns: LVC, comp, 2, 20nm, 0.8s, baz=339, slow=1.8, SNR=5.6, PKPab, PKPab, 14 38 58.5 +0.7

ISCJB 25 14:20:15.2±0.9, 32.05N±0.03:115.05W±0.04, h12km, 7km, Error ellipse: s-maj=6.0km s-min=5.4km az=152.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

2010 DEC

Table with columns: YKA, Yellowknife Arr, 71.66 29 P, P, 14 39 20.8 -0.4

ISCJB 25 14:29:21.4±1.1, 27.33N±0.1:143.5E±0.1, h10km, mb3.9/5, Error ellipse: s-maj=19.2km s-min=13.3km az=146.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

1498

Table with columns: YKA, Yellowknife Arr, 53.59 325 P, P, 14 48 23.6 -1.7

ISCJB 25 14:42:49.0±2.1, 19.48S±168.01E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.8/36, mbtmp3.9/5, ML3.3/1, Error ellipse: s-maj=64.9km s-min=29.6km az=130.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

AUST 25 14:44:34.9±0.5, 19.49S±168.00E, h0km, mb5.1/26, mb1.5/3.2, mb1mx5.1/38, mbtmp5.2/27, ML4.7/1, MS5.5/4, Ms1.5/5.4, ms1mx5.0/44, Error ellipse: s-maj=14.6km s-min=12.6km az=129.0

25d 14h

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

2010 DEC

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like BW06 Boulder Array, PDAR Pinedale Array, PDAR White River Ci, etc.

1500

Table with columns: Call sign, Station name, Frequency, Power, Mode, and other technical details. Includes stations like MORC Moravsky Berou, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

GERES GERRS Array B 144.41 331 PKP PKPab 15 14 58.2 -0.1

IDC 25 14:58:05.2±1.9, 27.29N×143.35E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.4/6.2, mbtmp3.8/4, ML3.2/1, Error ellipse: s-maj=30.4km s-min=26.3km az=108.0, Bonin Islands region

IDC 25 14:59:48.9±1.2, 19.72S×168.29E, h0km, mb4.4/9, mb1 4.6/10, mb1mx4.2/4.1, mbtmp4.4/10, ML4.1/1, Error ellipse: s-maj=38.6km s-min=20.7km az=159.0

ISCJB 25 14:59:50.7±0.5, 19.80S×168.32E±0.06, h25km, mb4.4/11, Error ellipse: s-maj=13.3km s-min=6.3km az=153.3

NEIC 25 14:59:50.4±0.6, 19.68S×168.19E, h10km, mb4.6/5, Error ellipse: s-maj=18.9km s-min=9.7km az=159.0

ISC 25 14:59:52.8±0.6, 19.85S×168.26E±0.08, h25km, n31, ±123/32, mb4.3/11, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like DZM, MSVF, CTAG, CNB, PMG, QLP, CMSA, STKA, WRAB, WRA, ASAR, WRKA, KNRA, FITZ, SANI, NNAO, MAW, CMAR, SONM, NVAR, ILAR, YKA, GERES, TORO, TORO.

IDC 25 15:00:19.4±2.0, 27.17N×143.67E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/1, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=47.6km s-min=25.1km az=67.0, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like JCJ, MJAR, WRA, ASAR, NVAR, ILAR, YKA, TORO, TORO.

IDC 25 15:01:08.0±1.5, 19.56S×168.02E, h0km, mb4.0/4, mb1 4.3/5, mb1mx3.9/4.2, mbtmp4.0/5, Error ellipse: s-maj=62.2km s-min=25.9km az=142.0, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like DZM, WRA, ASAR, NVAR, ILAR.

IDC 25 15:01:37.5±0.9, 19.93S×168.30E, h0km, mb4.3/12, mb1 4.5/13, mb1mx4.3/4.0, mbtmp4.3/13, ML4.1/1, Error ellipse: s-maj=34.2km s-min=16.8km az=147.0

NEIC 25 15:01:39.2±0.4, 19.90S×168.25E, h10km, mb4.3/2, Error ellipse: s-maj=17.1km s-min=7.8km az=158.0

ISCJB 25 15:01:40.1±0.5, 19.89S×168.25E±0.09, h27km, mb4.3/14, Error ellipse: s-maj=16.0km s-min=7.7km az=140.8

ISC 25 15:01:41.3±0.7, 20.12S×168.3E±0.1, h27km, n22, ±128/21, mb4.3/13, 2C, Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like DZM, MSVF, PMG.

Table with columns: STKA, WRAB, WRA, ASAR, KNRA, FITZ, USUR, MAW, CMAR, SYO, SONM, YBH, PFO, NVAR, ILAR, TUC, TXAR, YKA. Rows include station names, coordinates, and time/res data.

IDC 25 15:04:14.6±0.7, 19.47S×168.09E, h0km, mb4.5/19, Mb1 4.7/20, mb1mx4.5/4.5, mbtmp4.5/20, ML3.4/1, MS5.2/1, Ms1 5.2/1, ms1mx4.1/4.1, Error ellipse: s-maj=23.6km

BGR 25 15:04:16.4±2.0, 20.60S×169.04E, h33km, NEIC 25 15:04:16.4±0.3, 19.36S×167.97E, h10km, mb5.1/13, Error ellipse: s-maj=14.4km s-min=7.6km az=149.0

ISCJB 25 15:04:17.3±0.2, 19.45S×167.93E±0.05, h26km, mb4.8/34, MS5.8/3, Error ellipse: s-maj=8.3km s-min=5.3km az=144.0

MOS 25 15:04:18.6±1.0, 19.38S×167.87E, h33km, mb5.1/15, Error ellipse: s-maj=15.0km s-min=11.3km az=165.0

BUI 25 15:04:22.3, 18.73S×167.30E, h26km, mb4.8/29, MB5.5/3, MS5.2/2, MS7.5/0/3

ISC 25 15:04:18.9±0.4, 19.43S×167.93E±0.08, h26km, n347, ±065/346, mb4.8/35, MS6.0/3, 10C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like DZM, MSVF, CTAG, BKZ, PMG, PMG, STKA, WRAB, WRA, ASAR, FITZ, SANI, NNAO, MAW, CMAR, SONM, NVAR, ILAR, YKA, TORO, TORO.

NJ2 Nanjing 69.49 317 eP P 15 15 25.5 +0.3

YSS Yuzh-Sakhalins 69.86 342 eP Pmax 15 15 25.6 -1.6

USRK Ussuriysk Arr 71.34 334 p P 15 15 36.3 0.0

MDJ Mudanjiang 72.70 332 PMZ P 15 15 46.0 +1.6

PETK Petropavlovsk 72.77 354 P P 15 15 44.8 +0.1

GYA Guiyang 74.91 306/1/1 P P 15 15 58.8 +0.8

GYA Kunming 77.32 303 P P 15 16 12.0 +0.1

CM01 Chiang Mai Arr 77.42 295 eP P 15 16 11.8 -0.5

HHC Hu-ho-hao-te 79.56 320 eP P 15 16 25.5 +1.8

HIA Hailar 80.65 330/1/1 eP Pmax 15 16 28.5 -0.8

LZH Lanzhou 81.94 313 eP P 15 16 38.8 +2.2

ULN Ulaanbaatar 86.28 324 eP Pmax 15 16 58.4 0.0

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like SONM, NVAR, YKA, BILL, FMP, N02D, M02C, VES, AFDM, O03D, YBH, PFO, BFC, EDW, MURC, I03D, SNA, MONP, LRMC, IMP, MLAC, BBRO, PFO, PFO, PFO, PFO, BELC, HEC, VNA2, NV01, NVAR, J05D, BC3, FURC, VNA1, GLA, GLA, SHOC, GMRC, I05D, IRM, COLA, COLA, TPNV, TPNV, TPNV, Y12C, IL1, ILAR, NEE2, PDMC, SHPR, 214A, BMN, BMN, BMN, R11A, G08A, HAWA, TUC, TUC, TUC, TUC, DUG, HLD, NEW, W18A, 121A, MSO, WMQ, WMQ, WMQ, BOZ.

25d 15h

MNTX	Cornudas Mount	97.27	59	P	P	15 17 49.4	-0.5
ANMO	Albuquerque	97.43	56f	eP	P	15 17 49.8	-0.9
ANMO	comp=Z,1.0nm,1.0s				pmax		
ANMO	Albuquerque	97.43	56	P	P	15 17 49.9	-0.9
BW06	Boulder Array	97.65	47	P	P	15 17 51.3	-0.3
O20A	White River Ci	97.73	50	P	P	15 17 51.6	-0.4
TXAR	Lajitas Array	97.95	62	P	P	15 17 52.3	-0.8
	comp=Z,0.7nm,0.8s,baz=219,slow=5.2,SNR=6.7						
S22A	4UR Ranch, Cre	98.02	53	P	P	15 17 52.8	-0.7
RLMT	Red Lodge	98.62	45	P	P	15 17 55.2	-0.7
SDCO	Great Sand Dun	99.02	53	P	Pdif	15 17 57.5	-0.4
ISCO	Idaho Springs	99.55	51	P	Pdif	15 17 59.9	-0.4
T25A	Trinidad	99.67	54	P	Pdif	15 18 00.0	-0.7
K28A	Casper	99.74	48	P	Pdif	15 18 00.4	-0.4
MSTX	Muleshoe	100.04	58	P	Pdif	15 18 01.8	-0.5
330A	Mertzon	100.61	60	P	Pdif	15 18 04.7	-0.2
531A	Rocksprings	100.78	62	P	Pdif	15 18 05.5	-0.2
230A	Sterling City	100.80	60	P	Pdif	15 18 05.3	-0.4
431A	Sonora	100.88	61	P	Pdif	15 18 05.5	-0.5
LAO	LASA Array	101.12	44	P	Pdif	15 18 06.8	0.0
933A	Laredo	101.15	65	P	Pdif	15 18 07.2	0.0
AMTX	Amarillo	101.16	57	P	Pdif	15 18 06.9	-0.4
331A	San Angelo	101.20	61	P	Pdif	15 18 07.2	-0.3
632A	Uvalde	101.24	63	P	Pdif	15 18 07.1	-0.5
833A	Chaparral WMA	101.24	64	P	Pdif	15 18 07.3	-0.4
532A	Rocksprings	101.31	62	P	Pdif	15 18 07.5	-0.5
432A	Menard	101.60	61	P	Pdif	15 18 08.9	-0.4
X30A	Coker Ranch, T	101.68	58	P	Pdif	15 18 09.2	-0.3
332A	Millersview	101.78	61	P	Pdif	15 18 09.5	-0.5
934A	Benavides	101.79	65	P	Pdif	15 18 09.5	-0.6
J25A	Sunshine Ranch	101.86	48	P	Pdif	15 18 09.8	-0.4
035Z	Hargill	101.87	66	P	Pdif	15 18 10.2	-0.3
RSSD	Black Hills	101.89	47	P	Pdif	15 18 09.8	-0.6
834A	Tilden	101.90	64	P	Pdif	15 18 10.0	-0.6
035A	Encino	101.97	66	P	Pdif	15 18 10.5	-0.4
Z31A	Sharp Cattle R	101.97	59	P	Pdif	15 18 10.4	-0.5
281A	Tribune	101.99	54	P	Pdif	15 18 10.4	-0.5
232A	Coleman	102.00	60	P	Pdif	15 18 10.4	-0.6
533A	Kerrville	102.02	62	P	Pdif	15 18 10.6	-0.5
Y31A	Rekieta Farm,	102.04	58	P	Pdif	15 18 10.8	-0.2
T29A	Hugoton	102.07	55	P	Pdif	15 18 10.2	-1.1
I25A	Rochford	102.08	48	P	Pdif	15 18 10.9	-0.4
Q28A	Sharon Springs	102.16	53	P	Pdif	15 18 11.4	-0.2
V30A	Spur Ranch, Mi	102.18	56	P	Pdif	15 18 11.5	-0.2
ABTX	Ablene, Hawle	102.19	60	P	Pdif	15 18 11.5	-0.4
P28A	Saint Francis	102.35	52	P	Pdif	15 18 12.1	-0.3
J26A	Sides Ranch, S	102.36	48	P	Pdif	15 18 12.0	-0.4
333A	Richland Sprin	102.39	61	P	Pdif	15 18 12.9	+0.1
U30A	WK&E Inc. Bank	102.41	56	P	Pdif	15 18 12.3	-0.3
X31A	McDonald Ranch	102.44	58	P	Pdif	15 18 12.3	-0.6
O28A	Krutsinger Ran	102.48	52	P	Pdif	15 18 12.8	-0.2
Z32A	Haskell	102.50	59	P	Pdif	15 18 13.0	-0.2
835A	Beeville	102.56	64	P	Pdif	15 18 12.8	-0.7
T30A	Plains	102.64	55	P	Pdif	15 18 13.4	-0.3
233A	Rising Star	102.64	60	P	Pdif	15 18 13.5	-0.4
Y32A	R-V Farms, Ver	102.71	58	P	Pdif	15 18 13.8	-0.3
735A	Kenedy	102.73	64	P	Pdif	15 18 13.8	-0.5
F25A	Bowman	102.76	46	P	Pdif	15 18 14.0	-0.1
133A	Hamilton Ranch	102.78	60	P	Pdif	15 18 14.1	-0.3
S30A	Montezuma	102.83	54	P	Pdif	15 18 14.2	-0.5
434A	Burnet	102.85	62	P	Pdif	15 18 14.3	-0.5
635A	Leesville	102.90	63	P	Pdif	15 18 14.7	-0.2
DGMT	Dagmar	102.92	43	P	Pdif	15 18 14.5	-0.2
X32A	Elmer	102.94	58	P	Pdif	15 18 15.3	+0.2
334A	Lometa	103.01	61	P	Pdif	15 18 15.0	-0.5
Z33A	Whitaker Ranch	103.08	59	P	Pdif	15 18 15.5	-0.2
J27A	Elkhorn Farm,	103.09	49	P	Pdif	15 18 15.5	-0.1
W32A	Sentinel	103.15	57	P	Pdif	15 18 16.1	0.0
G26A	Maurine	103.19	46	P	Pdif	15 18 15.6	-0.4
I27A	Quinn	103.26	48	P	Pdif	15 18 16.0	-0.3
F26A	Lodgepole	103.27	46	P	Pdif	15 18 16.1	-0.3
Q30A	Quinter	103.35	53	P	Pdif	15 18 16.8	-0.1
Y33A	Hilltop Ranch,	103.37	58	P	Pdif	15 18 16.4	-0.6
736A	Circle Diamond	103.38	64	P	Pdif	15 18 16.9	-0.2
H27A	Hoves	103.38	47	P	Pdif	15 18 16.6	-0.3
435B	Jarrell	103.41	62	P	Pdif	15 18 16.7	-0.6
134A	White-Moore Ra	103.45	60	P	Pdif	15 18 17.1	-0.3
V32A	Arapahoe	103.46	57	P	Pdif	15 18 16.8	-0.6
N29A	Votaw Ranch, W	103.50	51	P	Pdif	15 18 17.2	-0.3
636A	Smothers Creek	103.52	63	P	Pdif	15 18 17.4	-0.4
B25A	Knox Farm, Ray	103.54	43	P	Pdif	15 18 17.3	-0.1
M29A	Burnside Ranch	103.60	51	P	Pdif	15 18 17.5	-0.4
X33A	Lawton	103.60	58	P	Pdif	15 18 17.5	-0.6
536A	Bastrop	103.67	63	P	Pdif	15 18 18.2	-0.2
CBKS	Cedar Bluff	103.68	53	P	Pdif	15 18 17.7	-0.7
D26A	Manning	103.72	45	P	Pdif	15 18 18.4	+0.1

2010 DEC

F27A	baz=256 Lemmon	103.72	46	P	Pdif	15 18 18.2	-0.2
A25A	baz=256 Svangstu Ranch	103.73	43	P	Pdif	15 18 18.4	+0.2
W30A	AnnSaddo, Fort Co	103.78	57	P	Pdif	15 18 18.1	-0.7
WHTX	baz=256 Lake Whitney	103.82	61	P	Pdif	15 18 19.0	-0.1
737A	baz=255 Port Lavaca	103.86	64	P	Pdif	15 18 18.9	-0.4
T32A	baz=256 Huddler Ranch,	103.91	55	P	Pdif	15 18 19.1	-0.3
Q31A	baz=256 Ellis	103.98	53	P	Pdif	15 18 19.4	-0.3
135A	baz=256 Vickery Place,	104.00	60	P	Pdif	15 18 19.7	-0.1
S32A	baz=256 Newby Ranch, P	104.02	55	P	Pdif	15 18 19.7	-0.2
H28A	baz=257 Mission Ridge	104.13	47	P	Pdif	15 18 20.0	-0.2
M30A	baz=257 Dale-Ortello V	104.22	51	P	Pdif	15 18 20.7	0.0
G28A	baz=257 Parade	104.29	47	P	Pdif	15 18 20.8	-0.1
537A	baz=256 Green Hill Far	104.30	63	P	Pdif	15 18 21.0	-0.2
O31A	baz=257 Woolen Ranch,	104.30	52	P	Pdif	15 18 21.1	0.0
J29A	baz=257 Okreek	104.32	49	P	Pdif	15 18 21.0	-0.1
W34A	baz=256 Bridge Creek,	104.35	57	P	Pdif	15 18 21.2	-0.2
U33A	baz=256 Lingo Farm, Me	104.36	56	P	Pdif	15 18 21.2	-0.2
A26A	baz=256 Wade Farm, Ken	104.41	43	P	Pdif	15 18 21.3	+0.1
L30A	baz=257 Spencer Herefo	104.42	50	P	Pdif	15 18 21.5	-0.1
I29A	baz=257 Vivian Onida	104.48	48	P	Pdif	15 18 21.8	+0.1
F28A	baz=257 McLaughlin	104.54	46	P	Pdif	15 18 22.0	0.0
738A	baz=256 Farr-Stevens R	104.56	64	P	Pdif	15 18 22.1	-0.3
Y35A	baz=256 Marietta	104.62	59	P	Pdif	15 18 22.5	0.0
437A	baz=256 Phantom Ranch,	104.63	62	P	Pdif	15 18 22.5	-0.1
H29A	baz=257 Onida	104.68	48	P	Pdif	15 18 22.6	0.0
V44A	baz=257 Guthrie	104.69	57	P	Pdif	15 18 22.6	-0.2
N31A	baz=257 Bailey Ranch,	104.73	52	P	Pdif	15 18 23.0	0.0
X35A	baz=257 Drake	104.79	58	P	Pdif	15 18 23.1	-0.2
U34A	baz=257 Anderson Ranch	104.82	56	P	Pdif	15 18 23.3	-0.1
M31A	baz=257 Lambrecht Ranc	104.83	51	P	Pdif	15 18 23.4	+0.1
R33A	baz=257 Olander Ranch,	104.90	54	P	Pdif	15 18 23.6	-0.1
J30A	baz=257 Dallas	104.90	49	P	Pdif	15 18 23.7	+0.1
Z37A	baz=256 Centerville	104.96	62	P	PKIKP	15 22 38.7	-0.4
328A	baz=258 Reagan	104.99	45	P	PKIKP	15 22 38.8	+0.1
538A	baz=256 Harpers Horsep	105.03	63	P	PKIKP	15 22 38.7	-0.5
O32A	baz=257 Broman Farm,	105.11	52	P	PKIKP	15 22 39.0	-0.2
V35A	baz=257 Meyer Ranch, C	105.21	57	P	PKIKP	15 22 39.4	0.0
T34A	baz=257 McClaskey Farm	105.22	56	P	PKIKP	15 22 39.2	-0.2
Y36A	baz=257 Durant	105.23	59	P	PKIKP	15 22 39.3	-0.2
K31A	baz=258 O'Neill	105.27	50	P	PKIKP	15 22 39.4	0.0
X36A	baz=257 Centrahoma	105.33	58	P	PKIKP	15 22 39.5	-0.1
137A	baz=257 Heron Place, G	105.36	60	P	PKIKP	15 22 39.5	-0.3
P33A	baz=258 Wilms Farm,	105.37	53	P	PKIKP	15 22 39.5	-0.1
B28A	baz=258 Dugan Ranch, T	105.39	44	P	PKIKP	15 22 39.5	+0.1
J31A	baz=258 Ceddes	105.43	49	P	PKIKP	15 22 39.4	-0.2
S34A	baz=257 Willow Spring	105.43	55	P	PKIKP	15 22 39.6	-0.2
U35A	baz=258 Pawnee	105.43	56	P	PKIKP	15 22 39.7	-0.1
336A	baz=257 Crockett	105.44	62	P	PKIKP	15 22 39.7	-0.2
BGNE	baz=258 Belgrade	105.45	51	P	PKIKP	15 22 39.6	-0.1
SUSD	baz=258 South Dakota S	105.52	48	P	PKIKP	15 22 39.5	-0.2
G30A	baz=258 Faulkton	105.53	47	P	PKIKP	15 22 39.8	+0.1
A28A	baz=258 Rude Farm, Bot	105.55	43	P	PKIKP	15 22 40.1	+0.4
W36A	baz=258 Wetumka	105.56	58	P	PKIKP	15 22 39.8	-0.3
O33A	baz=257 Hebron	105.59	53	P	PKIKP	15 22 39.8	-0.2
Z37A	baz=257 Pogue Cattle C	105.61	60	P	PKIKP	15 22 39.9	-0.4
D29A	baz=258 Petibone, Tap	105.62	45	P	PKIKP	15 22 39.7	-0.1

25d 15h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MDJ, PETK, GYA, KLR, NKL, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NV01, GRAC, ZAK, K05A, etc.

1504

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like R29A, W31A, 233A, 136A, etc.

ITC 25 15:28:32.6:0.4, 19:70S:168:09E, h0km, mb4.8/26, m14.9/27, m1mx4.9/37, mbm14.8/27, M14.9/1, Error ellipse: s-maj=15.5km s-min=12.3km az=106.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, DZM, NFK, MSVF, etc.

1505

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like COEN, DCZ, TO46, STKA, etc.

2010 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like PSI, PSR, USRTK, etc.

25d 15h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like I03D, M04C, MONP, etc.

25d 15h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RLMT Red Lodge, EGMT Eagleton, N23A Red Fether La, etc.

2010 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MYKA Terra Mystica, FUR Furstenfeldbrunn, BEEB Cbe Emerald, etc.

1506

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MACK MACK Trabzon, MACK MACK Trabzon, EATA Eleskirt, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like MTN Mantion Dam, SPSI Sidrap Palu, KAPU Kappang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KSH Kashi, MAKZ Makanchi, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like HNR Honiara, H11S2 WAKE ISLAND HY 29.29, etc.

25d 17h

2010 DEC

1512

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ULN Ulanbator, GTA Gaotai, SEW Seward, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like G08A Pilot Rock, HAWA Hanford, TUC Tucson, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ISK 25 17:01:03.2, HLW 25 17:01:05.1, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA, AS01, ASAR, WRKA, KNRA, FITZ, SANI, KLBH, NWA0, LUWI, MORW, APSI, TWSI, KKM, VDMA, SBA, SBA, STKI, LEM, KSM, KSM, ASAJ, QIZ, NJ2, NJ2, IPM, GSPA, PSI, PSI, PSI, USRK, MDJ, MDJ, PETK, GYA, GYA, GYA, GYA, GYA, KLR, KMI, KMI, CM01, CMAR, MAW, CHT0, CHT0, CD2, CD2, HIA, HIA, LZH, LZH, LZH, SYO, SYO, SVW2, RSO, ULN, ULN, ULN, GTA, GTA, GTA, SONM, YAK, YAK, YAK, BILL, BILL, N02D, M02C, ORV, ORV, AFDM, O03D, YBH, YBH, YBH, 109C, BFSC, EDW2, MURC.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BAR, SNAI, MONA, LRMC, IBP, PFO, PFO, SWSC, MPMC, DAC, DAC, D3A, VNA3, GSC, BELC, VNA2, NV01, NVAR, GRAC, ZAK, ZAK, BC3, J05D, FURC, GLA, GLA, GLA, GLA, SHOC, GMRC, I05D, IRM, COLA, TPNV, TPNV, TPNV, Y12C, LDFC, IL1, ILAR, PDMCI, WVOR, WVOR, SHPR, BNM, BNM, BNM, R11A, G08A, HAWA, CCUT, TUC, TUC, WUAZ, WUAZ, DUG, DUG, HLID, HUU, HUU, HUU, WMQ, WMQ, ANMO, ANMO, TXAR, MKAR, MKAR, YKA, YKA, YKA, ARCES, ARCES, KIV, KIV, OBN, OBN, GERES, GERES, RJOB, RJOB, HGN, HGN, MEM, MEM, STU, STU, WLF, WLF, DOU, DOU, BFO, BFO.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BFO, ESDC, TORO, TORO, IDC 25 17:14:33.9, IDC 25 17:14:35.0, IDC 25 17:14:36.1, IDC 25 17:14:38.0, CSEM 25 17:18:53.0, DDA 25 17:18:56.0, IDC 25 17:18:54.2, IDC 25 17:19:23.7, IDC 25 17:22:31.3, IDC 25 17:22:31.3, IDC 25 17:29:37.9, IDC 25 17:33:23.2.

25d 17h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LRM, VES, DLMT, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NOA, TMUT, SUW, etc.

1518

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H28A, E30A, B32A, etc.

1519 2010 DEC 25d 18h

Table with columns: Iridium satellite ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and Status. Includes satellites like BGNE, J34A, Q30A, etc.

Table with columns: Iridium satellite ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and Status. Includes satellites like Z32A, Q38A, S37A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Time, and Residual. Includes stations like CHMN, GENS, etc.

25d 18h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, etc.

IDC 25 18:05:26.5-1.4, 27.004N:143.64E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.5/44, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=54.6km s-min=26.3km az=94.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, KLR Kul'dur, WRA Warramunga Arr, etc.

ISCJB 25 18:06:52.0-3.0, 26.98N:0.10:143.52E:0.09, h10km, mb3.8/9, Error ellipse: s-maj=14.0km s-min=11.6km az=4.3

IDC 25 18:06:53.2-0.9, 26.96N:143.36E, h0km, mb3.7/9, mb1 3.9/12, mb1mx3.7/47, mbtmp3.7/12, ML3.2/3, Error ellipse: s-maj=20.5km s-min=17.6km az=65.0

ISC 25 18:06:54.5-1.0, 27.00N:0.1:143.4E:0.1, h10km, n14, c0599/15, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

IDC 25 18:12:05.0-1.4, 27.05N:143.39E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/42, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=25.0km s-min=25.9km az=53.0

ISC 25 18:12:06.4-1.3, 27.00N:0.2:143.4E:0.12, h10km, n6, c0565/6, mb3.9/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

ISCJB 25 18:19:50.0-7.2, 27.00N:0.1:143.44E:0.08, h10km, mb3.6/11, Error ellipse: s-maj=14.5km s-min=10.5km az=176.6

IDC 25 18:19:50.0-1.0, 26.99N:143.35E, h0km, mb3.6/11, mb1 3.8/12, mb1mx3.7/48, mbtmp3.6/12, ML3.5/1, Error ellipse: s-maj=18.3km s-min=16.8km az=179.0

ISC 25 18:18:21.1-0.9, 27.00N:0.1:143.39E:0.09, h10km, n14, c0590/15, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kul'dur, etc.

MEX 25 18:19:30.6-0.6, 15.368N:92.86W, h162km±11km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PCIG Comitan, CCIJ Comitan, etc.

ISCJB 25 18:22:09.0-0.8, 26.47N:0.09:141.47E:0.09, h10km, mb4.0/5, Error ellipse: s-maj=15.9km s-min=7.6km az=141.0

IDC 25 18:22:09.1-1.4, 26.49N:141.62E, h0km, mb4.0/4, mb1 4.0/5, mb1mx3.5/49, mbtmp3.9/5, ML3.2/1, Error ellipse: s-maj=31.9km s-min=18.1km az=131.0

NEIC 25 18:22:10.6-0.8, 26.47N:141.67E, h10km, mb4.4/1, Error

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CBJ Chichi jima, MJAR Matsushiro Arr, MDJ Mudanjang, etc.

ISCJB 25 18:28:70.0-0.8, 27.1N:0.1:143.47E:0.08, h10km, mb3.6/11, Error ellipse: s-maj=18.1km s-min=10.0km az=171.9

IDC 25 18:28:28.0-0.9, 27.02N:143.52E, h0km, mb3.7/11, mb1 3.9/12, mb1mx3.7/48, mbtmp3.6/12, ML3.6/1, Error ellipse: s-maj=22.9km s-min=18.9km az=175.0

ISC 25 18:28:29.0-0.9, 27.00N:0.1:143.48E:0.08, h10km, n14, c1311/15, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kul'dur, etc.

ISCJB 25 18:24:14.8-1.3, 7.2S:0.3:150.4E:0.2, h26km, mb3.6/4, Error ellipse: s-maj=45.7km s-min=13.9km az=142.1

IDC 25 18:24:19.9-6.0, 7.08S:150.25E, h54km, 52km, mb3.5/5, mb1 3.8/6, mb1mx3.4/38, mbtmp3.8/6, ML1.5/1, MS3.2/1, Ms1 3.2/1, ms1mx3.0/29, Error ellipse: s-maj=58.1km s-min=32.4km az=124.0

ISC 25 18:24:16.6-1.5, 7.1S:0.3:150.4E:0.3, h26km, n6, c0584/7, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 18:28:22.8-0.5, 19.47S:167.93E, h0km, mb4.7/22, mb1 4.8/23, mb1mx4.7/37, mbtmp4.7/23, ML4.2/1, MS4.0/2, Ms1 4.0/2, ms1mx3.4/39, Error ellipse: s-maj=17.6km s-min=13.1km az=126.0

NEIC 25 18:28:23.7-0.3, 19.47S:168.07E, h10km, mb5.0/22, Error ellipse: s-maj=11.8km s-min=8.8km az=140.0

ISCJB 25 18:28:25.7-0.2, 19.46S:0.05:168.04E:0.04, h26km, mb4.8/44, Error ellipse: s-maj=7.7km s-min=4.6km az=145.1

BGR 25 18:28:25.1, 20.58S:169.09E, h33km

MOS 25 18:28:26.3, 1.5, 19.55S:167.99E, h33km, mb5.0/16, Error ellipse: s-maj=12.2km s-min=9.0km az=161.7

AUST 25 18:28:23.3, 2.2, 19.53S:167.98E, h58km, Error ellipse: s-maj=2.3km s-min=1.1km az=236.0

BJI 25 18:28:38.9, 18.61S:167.82E, h100km, mb4.6/18, mb5.3/10

ISC 25 18:28:26.9-0.4, 19.55S:0.07:168.12E:0.08, h26km, n193, c125/175, mb4.9/43, 10C-4D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzum, MSVF Nonsavu, MSVF Nonsavu, etc.

AFI Afiamalu, AFI Afiamalu, URZ Urewera, URZ Urewera, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower

RTAB Rabaul, MTSU Mount Surisip, PMG Port Moresby, PMG Port Moresby

1520

Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, CNG Canberra Magne, etc.

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like BFSC, EDW2, MURC, LSA, SNA, etc.

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like MOTA, SNA, WLF, etc.

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like UPI, CVNA, KOMG, etc.

ROM 25 18:31:19.8±0.1, 44:51N±10.10E, h24km,2km, M2.2/10, M2.3/6, Error ellipse: s-maj=1.6km s-min=1.6km az=125.0

GEN 25 18:31:20.2±0.3, 44:51N±10.10E, h20km, M2.0, Error ellipse: s-maj=4.4km s-min=3.4km az=41.7

CSEM 25 18:31:20.4±0.1, 44:52N±10.12E, h20km, M2.2/16, Error ellipse: s-maj=2.7km s-min=2.4km az=28.0

LDG 25 18:31:21.9±0.1, 44:51N±10.15E, h10km, M2.3/14, Error ellipse: s-maj=2.5km s-min=1.9km az=26.0

ISC 25 18:31:20.3±1.0, 44:52N±10.02E, h22km,2km, n63, c096/111, Northern Italy

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like ERBM, PRMA, GUSC, etc.

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like LPL, LPL, MURC, etc.

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like ORIF, SMRF, CABF, etc.

ISC 25 18:31:36.1±2.1, 19:68S±168:20E, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.8/4.0, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=67.2km s-min=26.2km az=131.0, Vanuatu Islands

ISC 25 18:36:08.6±1.2, 11:8N±0:244:0E±0:1, h4km, mb3.5/7, Error ellipse: s-maj=33.6km s-min=9.1km az=156.8

ISC 25 18:36:09.5±1.5, 11:78N±43:97E, h0km, mb3.6/7, mb1.3/7.7, mb1mx3.4/4.2, mbtmp3.6/7, Error ellipse: s-maj=44.5km s-min=15.7km az=160.0

ISC 25 18:36:10.0±1.1, 11:30N±0:244:0E±0:1, h4km, n10, 02m/0.6, mb3.6/7, Western Gulf of Aden

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like DZM, WRA, ASAR, etc.

ISC 25 18:36:04.0±1.5, 27:0N±0:2143:52E±0:1, h10km, mb3.6/6, Error ellipse: s-maj=29.5km s-min=11.5km az=169.1

ISC 25 18:36:39.8±1.7, 26:84N±143:44E, h0km, mb3.6/6, mb1.3/8.8, mb1mx3.6/4.9, mbtmp3.6/8, ML3.5/2, Error ellipse: s-maj=44.0km s-min=18.7km az=177.0

ISC 25 18:36:41.4±1.5, 26:39N±0:2143:4E±0:1, h10km, n10, c1906/11, mb3.4/6, Bonin Islands region

Table of astronomical observations for 2010 DEC, columns include station name, time, azimuth, elevation, and other parameters. Includes stations like JCJ, MJAR, KSRM, etc.

BUI 25 18:38:46.9, 19:66S±168:16E, h12km, mb4.9/26, mb5.5/31, Ms5.2/17, Ms7.4/9/17

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Bella Bella, Sierra La Lagu, Topopah Spring, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Taunus Mts, Jochberg, Heimansgroeve, etc.

AUST 25 18:40:09.8,30.0, 19:23S:169.07E, h0km, 1km, Error ellipse: s-maj=5.2km s-min=1.8km az=239.0

IDC 25 18:40:14.3,0.7, 19:78S:168.28E, h0km, mb4.7/19, mb1 4.8/20, mb1mx4.7/38, mbtmp4.7/20, MS4.3/1, Ms1 4.3/1, ms1mx3.7/33, Error ellipse: s-maj=20.8km s-min=15.7km az=119.0

NEIC 25 18:40:15.8,0.4, 19:81S:168.27E, h10km, mb5.2/12, Error ellipse: s-maj=10.5km s-min=6.2km az=135.0

ISCJB 25 18:40:16.8,0.3, 19:76S:0.05E:168.22E:0.5, h25km, mb4.8/28, MS4.3/1, Error ellipse: s-maj=8.8km s-min=5.4km az=143.4

ISC 25 18:40:18.3,0.5, 19:81S:0.07E:168.28E:0.09, h25km, n96, c1193.95, mb4.8/28, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mont Dzumac, Charers Tower, Canberra Magne, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Goldstone, Bello Mtn, Hecto Ludlow, etc.

PRU 25 18:46:52.9, 49:81N:18:54E, h0km IPEC 25 18:46:52.0, 49:80N:18:58E, h0km, MLO.9/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 25 18:46:51.4, 0.8, 49:77N:18:06E, h1km, ML1.6/4, Error ellipse: s-maj=11.3km s-min=8.1km az=87.0, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Ostrava-Krasne, Ostrava-Krasne, Moravsky Berou, etc.

WEL 25 18:47:09.8, 0.2, 38:74S:177.21E, h5km, ML2.5/4, 4C-4D, Error ellipse: s-maj=1.9km s-min=1.1km az=90.0, North Island

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Shannon Station, Arah, Rawiri, etc.

IDC 25 18:47:37.1, 3.1, 19:59S:168.08E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.8/39, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=37.9km s-min=35.7km az=117.0, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mont Dzumac, Warrungarra Arr, Alice Springs, etc.

25d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GERES, GRF, GRS, etc.

IDC 25 19:10.40.0.1.2, 19:78S; 168.33E, h0km, mb4.5/11, mb1.4/12, mb1mx4.3/38, mbtmp4.5/12, ML3.4/1, MS5.3/3, MS1.5/4.3, ms1mx3.8/37, Error ellipse: s-maj=37.5km s-min=19.9km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM, DZM, CTA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CTA, CTAO, CNB, etc.

ISCJB 25 19:16:19.3.1.2, 27.22N; 0.05:143.88E; 0.09, h35km, mb3.7/2, Error ellipse: s-maj=11.9km s-min=5.9km az=27.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CBJJ, CBJJ, etc.

IDC 25 19:16:41.9.0.7, 19:36S; 168.07E, h0km, mb4.3/16, mb1.4/5/17, mb1mx4.3/39, mbtmp4.3/17, ML4.5/1, Error ellipse: s-maj=19.9km s-min=16.4km az=110.0

2010 DEC

mb4.4/22, Error ellipse: s-maj=11.2km s-min=7.4km az=16.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM, HNR, EIDS, etc.

NIED 25 19:20:00.26:90N; 143.90E, h5km, Mw4.4 Best double couple: M4.440000; 1015 NPI; s=176.00000, z=27.00000, x=45.00000, NP2; s=308.00000, z=71.00000, x=148.00000

ISCJB 25 19:20:53.0.3.26, 62N; 0.04:143.80E; 0.05, h10km, mb4.5/44, Error ellipse: s-maj=6.3km s-min=6.1km az=146.1

IDC 25 19:20:53.0.5.26; 53N; 143.70E, h0km, mb4.2/23, mb1.4/3/25, mb1mx4.3/45, mbtmp4.2/25, ML3.6/2, Error ellipse: s-maj=16.7km s-min=13.2km az=60.0

JMA 25 19:20:55.2.0.3, 26.88N; 143.89E, h22km, M4.5 NEIC 25 19:20:55.2.0.3, 26.54N; 143.68E, h10km, mb4.8/21, MW4.4(NIED), Error ellipse: s-maj=8.3km s-min=7.2km az=88.0

ISC 25 19:20:55.3.0.5, 26.82N; 0.07:143.73E; 0.05, h10km, n92, s=103.92, mb4.5/44, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JHHJ, CBJJ, etc.

1526

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ENH, MRSI, LUWI, etc.

JMA 25 19:23:10.0.0.6, 26.92N; 143.70E, h0km, M4.2 IDC 25 19:23:15.3.1.8, 27.44N; 143.18E, h0km, mb4.0/3, mb1.4/0/4, mb1mx3.6/43, mbtmp3.9/4, ML3.5/1, Error ellipse: s-maj=40.3km s-min=25.5km az=99.0

ISC 25 19:23:15.4.1.4, 27.3N; 0.1:143.4E; 0.1, h10km, n9, s=251.10, mb4.1/3, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CBJJ, CBJJ, etc.

25d 19h

Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like KIRH, KIKV, TAPA, etc.

2010 DEC

Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like PAX, ILAR, ILAR, etc.

1528

Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like LON, F04A, POHA, etc.

25d 19h

ZAK	comp-Z,26nm,1.3s	48.47	302	eP	P	19 51 06.0	-0.3
ZAK	Zakamensk						
ZAK	comp-Z,38nm,1.4s						
G28A	Parade	48.50	66	P	P	19 51 05.5	-1.1
D30A	Buchanan	48.55	63	P	P	19 51 05.8	-1.1
H28A	Mission Ridge	48.68	67	P	P	19 51 06.9	-1.0
F29A	Eureka	48.68	65	P	P	19 51 06.9	-1.0
C31A	Landman Farms,	48.72	61	P	P	19 51 07.0	-1.2
MVCO	Mesa Verde	48.74	79	P	P	19 51 08.0	-0.8
MVCO	Mesa Verde	48.74	79	eP	P	19 51 09.2	+0.5
A32A	Rocking H Ranch	48.76	60	P	P	19 51 07.4	-1.1
E30A	Jud	48.81	64	P	P	19 51 07.7	-1.3
TIA	Tai an	48.85	279	UP	S	19 51 09.5	+0.1
TIA						19 58 15.5	+6.3
TIA	comp-Z,100nm,1.2s						
TIA	comp-Z,940nm,19.6s						
TIA	comp-Z,1.1um,20.2s						
TIA	comp-Z,2.1um,19.6s						
ISCO	Idaho Springs	48.89	75	eP	P	19 51 11.1	+1.1
ISCO	comp-Z,23nm,1.1s						
ISCO	comp-Z,2.1um,19.0s						
ISCO	Idaho Springs	48.89	75	P	P	19 51 09.0	-1.0
ISCO	Idaho Springs	48.89	75	eP	P	19 51 11.1	+1.1
ISCO	comp-Z,23nm,1.1s						
MOY	Mondy	48.94	305	eP	P	19 51 09.7	-0.3
MOY	comp-Z,60nm,1.5s						
J27A	Elkhorn Farm,	48.95	69	P	P	19 51 08.9	-1.2
GUMO	Guam	48.97	234	PFAKE	LR	19 51 20.0	+1.0
GUMO	comp-Z,848nm,19.0s						
I28A	Midland	48.99	67	P	P	19 51 09.3	-1.1
G29A	Hoven	49.00	65	P	P	19 51 09.5	-0.9
B32A	Ashes, Strandq	49.04	60	P	P	19 51 09.3	-1.3
F30A	Leola	49.14	64	P	P	19 51 10.3	-1.1
D31A	McClellin, Tow	49.16	62	P	P	19 51 10.6	-1.0
H29A	Onida	49.17	66	P	P	19 51 10.7	-1.0
J28A	Allard Ranch,	49.29	68	P	P	19 51 11.6	-1.1
W18A	Petrified Fore	49.31	82	P	P	19 51 12.6	-0.5
W18A	Petrified Fore	49.31	82	eP	P	19 51 14.2	+1.1
A33A	Warroad	49.35	59	P	P	19 51 11.6	-1.4
HHC	Hu-ho-hao-te	49.35	288	UP	S	19 51 14.3	+1.1
HHC						19 51 37.5	+5.3
HHC						19 53 06.3	-0.9
HHC						19 58 17.0	+0.8
HHC						20 01 41.8	-6.0
HHC	comp-Z,130nm,1.2s						
HHC	comp-Z,1.1um,5.9s						
HHC	comp-Z,2.1um,16.0s						
HHC	comp-Z,2.2um,17.3s						
HHC	comp-Z,2.1um,18.5s						
E31A	Nome	49.35	63	P	P	19 51 12.1	-1.0
C32A	Crookston	49.37	61	P	P	19 51 12.0	-1.1
S22A	4UR Ranch, Cre	49.43	77	P	P	19 51 13.2	-0.9
S22A	4UR Ranch, Cre	49.43	77	eP	P	19 51 15.4	+1.3
AGMN	Agassiz Nation	49.46	60	P	P	19 51 12.7	-1.2
AGMN	Agassiz Nation	49.46	60	eP	P	19 51 13.9	0.0
AGMN	comp-Z,52nm,1.0s						
214A	Organ Pipe Nat	49.48	87	P	P	19 51 13.9	-0.2
214A	Organ Pipe Nat	49.48	87	eP	P	19 51 14.0	-0.2
I29A	Vivian Onida	49.48	67	P	P	19 51 13.0	-1.1
G30A	Faulton	49.48	65	P	P	19 51 13.0	-1.1
D32A	Dogwood Acres,	49.50	62	P	P	19 51 13.0	-1.2
F31A	Hecla	49.56	64	P	P	19 51 13.7	-1.0
K28A	Ten Mile Ranch	49.65	69	P	P	19 51 14.5	-0.9
Q24A	Divide	49.69	75	P	P	19 51 15.0	-1.1
E32A	Braaten, Kindr	49.79	62	P	P	19 51 15.1	-1.3
C33A	Trail	49.82	61	P	P	19 51 15.4	-1.2
J29A	Okreek	49.84	68	P	P	19 51 15.7	-1.1
G31A	Conde	49.96	64	P	P	19 51 16.6	-1.1
SUSD	South Dakota S	50.00	66	P	P	19 51 17.0	-1.0
B34A	Aery, Baudette	50.01	59	P	P	19 51 16.8	-1.2
KBS	Kingsbay	50.01	358	PFAKE	LR	19 51 30.0	+1.2
I30A	Oacoma	50.05	67	P	P	19 51 17.5	-0.9
D33A	AnnSam, Waubun	50.15	61	P	P	19 51 17.9	-1.1
F32A	Veblen	50.19	63	P	P	19 51 18.3	-1.1
K29A	Lazy Trails An	50.23	68	P	P	19 51 18.8	-1.0
SDCO	Great Sand Dun	50.24	77	P	P	19 51 19.2	-1.0
SDCO	Great Sand Dun	50.24	77	eP	P	19 51 20.9	+0.6
SDCO	comp-Z,35nm,1.1s						
H31A	Wolsey	50.25	65	P	P	19 51 18.9	-1.0
OGNE	Ogallala	50.33	71	P	P	19 51 19.8	-0.8
OGNE	Ogallala	50.33	71	eP	P	19 51 21.5	+0.8
G32A	Webster	50.34	64	P	P	19 51 19.5	-1.1
C34A	RKJ Ranch, Bem	50.36	60	P	P	19 51 19.6	-1.1
J30A	Dallas	50.37	67	P	P	19 51 19.7	-1.2
BTO	Baotou	50.42	288	eP	P	19 51 22.5	+1.2
KRAR	Krasnoyarsk	50.42	313	eP	P	19 51 19.8	-1.1
E33A	Westby DABS, E	50.44	62	P	P	19 51 20.0	-1.3
M28A	Bar X Bar Ranc	50.45	70	P	P	19 51 20.5	-1.0

2010 DEC

I31A	baz=308,SNR=8.4	50.49	66	P	P	19 51 20.5	-1.2
NJ2	Nanjing	50.51	274	eP	PMZ	19 51 21.8	-0.1
TUC	Tucson	50.51	86	eP	P	19 51 22.8	+0.7
TUC	comp-Z,26nm,0.9s						
TUC	comp-Z,2.1um,19.0s						
TUC	Tucson	50.51	86	P	P	19 51 21.6	-0.5
TUC	Park Rapids	50.51	86	eP	P	19 51 22.8	+0.7
D34A	comp-Z,2.1um,19.0s						
L29A	Maesberg Ranch	50.56	69	P	P	19 51 21.4	-1.0
B35A	Bob, Littlefor	50.58	59	P	P	19 51 21.1	-1.2
SPA0	Spitsbergen Ar	50.63	357	eP	Iamb	19 51 22.1	-0.2
SPA0	comp-Z,52nm,1.4s					19 51 23.6	
SPITS	Spitsbergen Ar	50.63	357	P	P	19 51 21.9	-0.4
SPITS	comp-Z,2.0nm,0.4s,ba					19 52 38.9	-0.2
SPB2	Spitsbergen Ar	50.63	357	eP	P	19 51 22.5	+0.2
SPB3	Spitsbergen Ar	50.63	357	eP	P	19 51 22.7	+0.4
F33A	5 Mile Ranch,	50.63	67	P	P	19 51 22.0	-1.0
K30A	Basset	50.69	68	P	P	19 51 22.3	-1.0
M29A	Burnside Ranch	50.82	70	P	P	19 51 23.4	-0.9
J31A	Geddes	50.82	67	P	P	19 51 23.2	-1.1
H32A	Carlson Farm,	50.83	65	P	P	19 51 23.2	-1.1
C35A	Jirik Farms, M	50.84	60	P	P	19 51 23.1	-1.2
E34A	Wadena	50.89	62	P	P	19 51 23.7	-1.0
G33A	Ortonville	50.98	64	P	P	19 51 24.4	-0.9
O28A	Krusinger Ran	51.00	72	P	P	19 51 24.9	-0.8
L30A	Spicer Herof	51.08	69	P	P	19 51 25.3	-1.0
I32A	Karley and Nic	51.11	65	P	P	19 51 25.4	-0.9
H33A	Prehn Over Nor	51.12	64	P	P	19 51 25.4	-1.1
D35A	Remer	51.16	60	P	P	19 51 25.5	-1.3
KSCO	Kaye Shedlock	51.19	73	P	P	19 51 26.3	-0.9
KSCO	Kaye Shedlock	51.19	73	eP	P	19 51 28.0	+0.8
K31A	O'Neill	51.23	67	P	P	19 51 26.4	-0.8
M30A	Dale Ortelvo V	51.24	69	P	P	19 51 26.5	-1.0
N29A	Votaw Ranch, W	51.25	70	P	P	19 51 26.6	-0.9
F34A	Alexandria	51.28	62	P	P	19 51 26.5	-1.1
E35A	Pequot Lakes	51.29	61	P	P	19 51 26.5	-1.2
J32A	Patton	51.29	66	P	P	19 51 26.7	-1.0
T25A	Trinidad	51.30	76	P	P	19 51 27.2	-1.0
T25A	Trinidad	51.30	76	eP	P	19 51 29.2	+1.1
P28A	Saint Francis	51.36	72	P	P	19 51 27.6	-0.8
LAZ	Ladron	51.40	81	eP	P	19 51 33.0	+4.1
G34A	Benson	51.40	63	P	P	19 51 27.4	-1.1
C36A	Pine Crest Far	51.42	59	P	P	19 51 27.4	-1.2
L31A	Butterfield Fa	51.45	68	P	P	19 51 28.0	-1.0
DAG	Danmarks Havn	51.46	6	iP	P	19 51 27.5	-1.0
DAG	comp-Z,14nm,1.1s						
DAG	Danmarks Havn	51.46	6	iP	P	19 51 27.5	-1.0
DAG	Danmarks Havn	51.46	6	iP	P	19 51 27.9	-0.6
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,17nm,1.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						
ANMO	Albuquerque	51.46	80	P	P	19 51 28.8	-0.5
ANMO	Albuquerque	51.46	80	eP	P	19 51 30.0	+0.7
ANMO	comp-Z,2.1um,20.0s						

25.12 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Gary, WMQ, NATX, and many others.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OTUK, AFI, DAV, and many others.

1532

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MSVF, AML, AB31, and many others.

VORD	comp=Z,10.0nm,0.6s		pmax	pmax	
VORD	comp=N,50nm,0.8s		pmax	pmax	
VORD	comp=E,40nm,0.6s		pmax	pmax	
VORD	comp=Z,2µm,17.0s		MLR	MLR	
VORD	comp=N,2µm,18.0s		MLR	MLR	
KKN	Kakani 73.90 294	iP	P	P	19 53 59.7 +0.7
PKI	Pulchoki 74.00 294	iP	P	P	19 54 00.1 +0.5
PKIN	Pulchoki 74.00 294	iP	P	P	19 54 00.0 +0.4
DMN	Daman 74.14 294	iP	P	P	19 54 01.1 +0.7
UMPA	Umpang Tak 74.45 277	P	P	P	19 54 03.5 +1.5
UTHA	Uthaitani 74.58 276	P	P	P	19 54 03.1 +0.4
DZM	Mont Dzumac 74.58 197	LR	LR	LR	20 25 26.8
KOLN	Koldanda 74.88 295	iP	P	P	19 54 05.1 +0.5
BSEG	Bad Segeberg 75.06 356	P	P	P	19 54 05.8 +0.8
PATY	Pattaya 75.69 273	P	P	P	19 54 09.5 +0.4
KHLT	KhaoIaem Dan 75.69 276	P	P	P	19 54 10.0 +0.9
SRDT	SRDT 75.70 275	P	P	P	19 54 19.9 +1.1
SMLA	Smlia 75.83 302	iP	P	P	19 54 09.9 +0.2
AKASG	Malin Array Be 76.18 344	P	pmax	pmax	19 54 10.4 -1.0
AKASG	Malin Array Be 76.18 344	eP	pmax	pmax	19 54 12.8 +1.4
KIEV	Kiev 76.19 344	eP	pmax	pmax	19 54 10.4 -1.1
KIEV	Kiev 76.19 344	PFAKE	LR	LR	19 54 20.0 +8.5
TTSI	Tana Toraja 76.50 247	P	P	P	19 54 15.3 +1.6
NRDL	Niedersach Rie 76.51 356	eP	P	P	19 54 13.8 +0.6
IBBN	Ibbenburen 76.78 358	eP	P	P	19 54 15.7 +1.0
WTSB	Winterswijk 77.15 358	ePKP	P	P	19 54 19.7 +2.9
CLZ	Clausthal 77.15 356	eP	P	P	19 54 18.0 +1.1
GTTG	Gvtlingen 77.47 356	eP	P	P	19 54 19.4 +0.7
CLL	Colim 77.54 354	iP	P	P	19 54 18.3 -0.8
CLL	Colim 77.54 354	iP	P	P	20 04 04.1 -2.1
CLL	comp=Z,5.0nm,1.3s		MLR	MLR	
CLL	comp=Z,600nm,19.2s		MLR	MLR	
CLL	comp=Z,13nm,1.3s				19 54 18.3 -0.8
CLL			iS	S	20 04 38.5
CLL			eS	S	19 54 09.0 +2.8
CLL			ePS	SS	20 04 51.0 +0.3
CLL			ePPS	SS	20 05 11.0
CLL			eSS	SS	20 09 30.0 +2.5
CLL			e	LmH	20 11 54.0
CLL	comp=N,700nm,18.8s		LmH	LmH	20 33 00.0
CLL	comp=E,1µm,18.4s		LmV	LmV	20 34 00.0
BVG	Bochum-Üniver 77.66 358	eP	P	P	19 54 20.3 +0.6
LUV	L'vov 77.87 347	eP	P	P	19 54 20.2 -0.7
LVV	comp=N,600nm,17.0s		MLR	MLR	
LVV	comp=E,400nm,17.0s		MLR	MLR	
LVV	comp=Z,600nm,17.0s		MLR	MLR	
TBI	Tubuai 77.88 155	eS	S	S	20 04 19.6 +9.4
TBI	Tubuai 77.88 155	eLR	LR	LR	20 18 16.0
BRG	Berggiesshubel 77.91 354	eP	P	P	19 54 20.5 -0.6
BRG	Berggiesshubel 77.91 354	eP	pmax	pmax	19 54 20.5 -0.6
BRG	comp=Z,6.0nm,0.9s		MLR	MLR	
BRG	comp=Z,1µm,16.0s		MLR	MLR	
BRG	comp=N,870nm,16.4s		MLR	MLR	
BRG	comp=E,390nm,16.4s		MLR	MLR	
BRG	Berggiesshubel 77.91 354	eP	P	P	19 54 21.3 +0.2
UPC	Upice 78.11 352	eP	MLR	MLR	19 54 23.2 +0.9
UPC	Upice 78.11 352	eP	MLR	MLR	
UPC	comp=Z,800nm,16.4s		AMS	AMS	19 54 23.2 +0.9
KAPI	Kappang 78.13 246	PFAKE	LR	LR	19 54 30.0 +7.2
PVCC	Panska Ves 78.21 353	eP	P	P	19 54 22.9 +0.1
PVCC	Panska Ves 78.21 353	eP	MLR	MLR	19 54 31.0 -1.1
PVCC	comp=Z,800nm,16.8s		P	P	19 54 22.9 +0.1
PVCC	comp=Z,800nm,16.8s		eP	AMS	20 32 30.0 -1.1
PVCC	comp=Z,800nm,16.8s		P	P	19 54 22.9 -0.1
DPC	Dobruska-Polom 78.24 352	eP	MLR	MLR	19 54 23.2
DPC	Dobruska-Polom 78.24 352	eP	MLR	MLR	
DPC	comp=Z,1µm,17.3s		AMS	AMS	19 54 22.9 -0.1
DPC	Dobruska-Polom 78.24 352	eP	P	P	19 54 22.9 -0.1
DPC	Dobruska-Polom 78.24 352	eP	P	P	19 54 33.2 +0.9
DPC	Dobruska-Polom 78.24 352	eP	AMS	AMS	20 38 00.0
GOF	Gofitskoje 78.29 333	eP	P	P	19 54 22.1 -1.2
GOF	Moxa 78.29 355	eP	P	P	19 54 22.3 -1.0
CTAO	Charters Tower 78.32 216	PFAKE	LR	LR	19 54 30.0 +6.3
HGN	Heimansgroeve 78.36 359	ePKP	P	P	19 54 24.7 +1.1
MEM	Membach 78.52 359	P	P	P	19 54 25.9 +1.4
OKC	Ostrava-Krasne 78.58 351	AMS	AMS	AMS	20 36 00.0
KSM	Kuching 78.61 258	PFAKE	LR	LR	19 54 40.0 +1.5
SNF	Seneffe 78.64 360	P	P	P	19 54 26.2 +1.1
STHS	Stebnicka Huta 78.64 349	eP	P	P	19 54 28.0 +2.8
BCLA	Stebnicka Huta 78.64 349	eP	P	P	19 54 28.0 +2.8
PRU	Pruhonice 78.75 353	eP	P	P	19 54 25.5 -0.3
PRU	Pruhonice 78.75 353	eP	MLR	MLR	19 54 34.4
PRU	comp=Z,900nm,19.8s		MLR	MLR	
PRU	Pruhonice 78.75 353	eP	x	x	19 54 34.4
PRU	comp=Z,900nm,19.8s		AMS	AMS	20 38 20.0
GOPC	GO Pecny, Ondr 78.80 353	eP	P	P	19 54 26.2 +0.1
GOPC	comp=Z,1µm,18.3s		MLR	MLR	

GOPC	GO Pecny, Ondr 78.80 353	eP	AMS	AMS	19 54 26.2 +0.1
GOPC	comp=Z,1µm,18.3s				20 38 00.0
MAK	Makhachkala 78.82 329	eP	P	P	19 54 26.5 +0.3
MAK	Makhachkala 78.82 329	eP	SP	SP	19 54 37.2 -3.2
MAK	Makhachkala 78.82 329	eP	SP	SP	19 54 44.9 -1.0
MAK	Makhachkala 78.82 329	eP	SP	SP	19 57 27.9
MAK	Makhachkala 78.82 329	eP	PPP	PPP	19 59 15.0
MAK	Makhachkala 78.82 329	eP	pmax	pmax	
TNS	Tausius Mts 78.85 357	eP	P	P	19 54 27.2 +0.8
KOLS	Kolonice sedl 78.98 348	eP	P	P	19 54 30.5 +3.4
KOLS	Kolonice sedl 78.98 348	eP	P	P	19 54 30.5 +3.4
STKI	Sintang 79.00 256	P	P	P	19 54 28.0 +0.4
DOU	Dourbes 79.05 360	P	P	P	19 54 27.6 +0.2
LANS	Liptovska Anna 79.11 350	eP	P	P	19 54 30.5 +2.7
LANS	Liptovska Anna 79.11 350	eP	P	P	19 54 30.5 +2.7
VRAC	Vranov 79.25 352	eP	P	P	19 54 28.5 -0.1
VRAC	comp=Z,2.8nm,0.8s,baz=14,slow=7.5,SNR=5.8				
VRAC	Vranov 79.25 352	iP	P	P	19 54 29.2 +0.6
GRF	Grafenberg Arr 79.26 355	eP	P	P	19 54 28.5 -0.1
UZH	Uzhgorod 79.27 348	eP	P	P	19 54 27.0 -1.6
UZH	Uzhgorod 79.27 348	eP	P	P	19 54 33.9
UZH	Uzhgorod 79.27 348	eP	P	P	19 54 40.5
UZH	Uzhgorod 79.27 348	eP	P	P	19 54 44.5
ABKT	Ailbek 79.31 319	P	P	P	19 54 29.7 +0.5
GEYT	Geit 79.32 319	P	P	P	19 54 29.8 +0.6
GEYT	comp=Z,4.4nm,0.9s,baz=4.8,slow=5.4,SNR=92		LR	LR	20 33 20.0
GEYT	comp=Z,3µm,18.3s,baz=30,slow=38		P	P	19 54 29.8 +0.2
KIV	Kislovodsk 79.40 333	eP	P	P	19 54 36.8
KIV	Kislovodsk 79.40 333	eP	P	P	19 57 28.7
KIV	Kislovodsk 79.40 333	eP	P	P	19 54 29.5 -0.1
KIV	Kislovodsk 79.40 333	eP	LR	LR	
WLF	Waldengange 79.46 359	P	P	P	19 54 30.7 +1.1
WLF	Waldengange 79.46 359	P	P	P	19 54 31.6 +2.0
WLF	Waldengange 79.46 359	PFAKE	LR	LR	19 54 40.0 +1.0
WLF	Waldengange 79.46 359	PFAKE	LR	LR	
KBZ	Khabaz 79.54 332	P	P	P	19 54 30.9 +0.7
NCK	Nalchik 79.55 332	eP	P	P	19 54 31.0 +0.7
NCK	Nalchik 79.55 332	eP	pmax	pmax	
KHC	Kasperske Hory 79.67 354	eP	pmax	pmax	19 54 30.6 -0.2
KHC	Kasperske Hory 79.67 354	eP	P	P	19 54 30.7 -0.2
KHC	Kasperske Hory 79.67 354	eP	P	P	19 54 40.9 +2.3
KHC	Kasperske Hory 79.67 354	eP	AMS	AMS	20 34 40.0
KHC	Kasperske Hory 79.67 354	eP	P	P	19 54 30.6 -0.2
KIS	Kishinev 79.82 343	eP	MLR	MLR	19 54 32.0 +0.3
KIS	Kishinev 79.82 343	eP	MLR	MLR	20 35 44.0
KIS	Kishinev 79.82 343	eP	P	P	19 54 32.0 +0.3
KIS	Kishinev 79.82 343	eP	P	P	20 04 48.0
BURAR	Bucovina Array 79.84 346	iP	P	P	19 54 32.6 +0.7
GERES	GERES Array B 79.95 353	P	P	P	19 54 32.5 0.0
GERES	comp=Z,2.0nm,0.8s,baz=2.2,slow=4.4,SNR=17		LR	LR	20 34 14.3
GERES	comp=Z,422nm,18.4s,baz=16,slow=39				
NEY	Neytrino 80.03 332	eP	pmax	pmax	19 54 33.5 +0.4
ANN	Anapa 80.04 336	eP	P	P	19 54 31.9 -0.9
ANN	Anapa 80.04 336	eP	P	P	19 54 47.8 +0.8
ANN	Anapa 80.04 336	eP	pmax	pmax	20 04 33.3 +0.3
ZEI	Tsey 80.11 331	eP	P	P	19 54 30.6 -3.0
ZEI	Tsey 80.11 331	eP	pmax	pmax	
RAO	Raoul Island 80.15 182	LR	LR	LR	20 26 30.7
RAO	Raoul Island 80.15 182	LR	LR	LR	19 54 40.0 +6.6
RAO	Raoul Island 80.15 182	PFAKE	LR	LR	
STU	Stuttgart 80.27 356	eP	P	P	19 54 34.7 +0.6
TRTT	Trang 80.31 270	P	P	P	19 54 35.0 +0.2
TRTT	comp=Z,34nm,1.2s,comp=Z,650nm		P	P	19 54 36.2 +1.1
ONI	Oni 80.42 332	P	P	P	19 54 36.4 +1.3
ONI	Oni 80.42 332	P	P	P	19 54 36.4 +1.3
ARC	ARCALIA 80.49 346	iP	P	P	19 54 37.4 +1.1
TESR	Tescani 80.68 344	iP	P	P	19 54 37.4 +1.1
SIM	Simeropol' 80.69 339	eP	S	S	20 04 54.0 +0.6
SIM	Simeropol' 80.69 339	eP	S	S	20 04 54.0 +1.4
SIM	Simeropol' 80.69 339	eP	pmax	pmax	
CHVG	Ch'k'valeri 80.71 332	P	P	P	19 54 45.1 +8.6
BFO	Black Forest 80.74 357	iP	P	P	19 54 39.0 +2.4
BFO	Black Forest 80.74 357	iP	P	P	19 54 37.9 +1.2
BFO	Black Forest 80.74 357	PFAKE	LR	LR	19 54 50.0 +1.3
TBLG	Delisi 80.81 330	P	P	P	19 54 38.1 +1.0
TBLG	Delisi 80.81 330	P	P	P	19 54 38.2 +1.0
DGRG	David-gareji 80.86 330	P	P	P	19 54 38.5 +1.1
DGRG	David-gareji 80.86 330	P	P	P	19 54 38.6 +1.1
DRGH	Phuket 81.12 347	iP	P	P	19 54 39.0 +0.8
PKDT	Phuket 81.12 347	iP	P	P	19 54 39.5 +0.4
MTDJ	Mount Denham 81.22 72	PFAKE	LR	LR	19 54 50.0 +1.0
MTDJ	Mount Denham 81.22 72	PFAKE	LR	LR	
VRI	Vriencia 81.29 344	iP	P	P	19 54 41.6 +2.0
PLOR	Plostina 81.32 344	iP	P	P	19 54 41.6 +1.8
GTBY	Guantanamo Bay 81.34 69	PFAKE	LR	LR	19 54 50.0 +1.0
GTBY	Guantanamo Bay 81.34 69	PFAKE	LR	LR	
ARSA	Arzberg 81.39 352	iP	P	P	19 54 40.5 +0.4
AKH					

25d 20h

KDAK	comp=Z,2.0nm,0.3s			smax	smax				
KDAK	comp=N,1.0nm,0.3s					MLR	MLR		
KDAK	comp=Z,9um,18.6s								
KDAK	Kodiak Island	15.17	55	Pn	Pn			20 24 05.0	-3.0
KDAK	Kodiak Island	15.17	55	ePn	Pn			20 24 05.2	-2.9
KDAK	comp=Z,439nm,0.6s,SNR=11							20 26 59.6	+4.6
KDAK	comp=Z,199nm,1.3s							20 24 18.8	+1.5
KDAK	Petrovavlovsk	15.56	287	i/P	Sn			20 27 11.5	+6.7
PET	PET					eS	Sn		
PET	PET						pmax		
PET	comp=Z,314nm,1.1s							smax	smax
PET	comp=E,171nm,0.5s							MLR	MLR
PET	comp=Z,5um,19.0s							MLR	MLR
PET	comp=Z,7um,20.0s							MLR	MLR
PET	Petrovavlovsk	15.56	287	ePn	P			20 24 18.5	+1.1
PET	comp=Z,326nm,1.1s								
TTA	Tatolina	15.99	35	eP	P			20 24 21.0	-1.2
TTA	comp=Z,241nm,1.2s								
TTA	Tatolina	15.99	35	ePn	P			20 24 21.0	-1.2
TTA	comp=Z,241nm,1.2s								
RSO	Redoubt South	16.02	45	ePn	Pn			20 24 19.9	+0.6
PEAO	Petrovavlovsk	16.13	287	ePn	Pn			20 24 22.3	-1.4
PETK	Petrovavlovsk	16.13	287	Pn	P			20 24 23.1	-0.6
CNPM	China Pool	16.37	50	ePn	Pn			20 24 22.2	-1.4
CNPM	comp=Z,145nm,1.0s								
BRLK	Bryanley Lake	16.42	49	ePn	Pn			20 24 25.3	-1.5
SPU	Mount Spurr	16.64	44	ePn	P			20 24 29.4	0.0
SEW	Seward	17.41	49	ePn	P			20 24 34.3	-2.4
SEW	comp=Z,112nm,1.0s								
SEW	comp=Z,220nm,1.0s								
SEW	comp=E,800nm,1.5s								
SKR	comp=Z,9um,20.0s							MLR	MLR
SKR	comp=N,8um,14.0s							MLR	MLR
SKR	comp=Z,2um,20.0s							MLR	MLR
RC01	Rabbit Creek A	17.63	46	ePn	Pn			20 24 38.2	-1.1
RC01	comp=Z,235nm,2.0s								
PMR	Palmer	18.09	44	eP	Pn			20 24 43.3	-1.7
PMR	comp=Z,38nm,1.0s								
PMR	Palmer	18.09	44	ePn	Pn			20 24 43.3	-1.7
PMR	comp=Z,38nm,1.0s								
TRF	Thorofare Moun	18.44	38	eP	Pn			20 24 50.2	+0.8
TRF	comp=Z,366nm,1.4s								
BPAW	Bear Paw Mtn	18.51	36	eP	Pn			20 24 50.5	+0.3
BPAW	comp=Z,49nm,1.3s								
SML	Sawmill	18.53	44	eP	P			20 24 49.3	-0.8
SML	comp=Z,51nm,0.8s								
SML	Sawmill	18.53	44	eP	P			20 24 49.3	-0.8
SML	comp=Z,51nm,0.8s								
BILL	Bilibino	18.97	340	i/P	P			20 24 56.3	+0.6
BILL	comp=Z,138nm,1.7s								
BILL	comp=Z,2um,20.0s							MLR	MLR
BILL	Bilibino	18.97	340	ePn	Pn			20 24 55.6	-0.1
BILL	comp=Z,117nm,1.3s								
SCM	Sheep Creek Mo	18.98	45	eP	P			20 24 54.7	-0.4
SCM	comp=Z,98nm,0.8s								
SCM	Sheep Creek Mo	18.98	45	eP	P			20 24 54.7	-0.4
SCM	comp=Z,98nm,0.8s								
RND	Reindeer	18.99	39	eP	P			20 24 54.3	-0.9
RND	comp=Z,100nm,1.0s								
RND	Reindeer	18.99	39	eP	P			20 24 54.3	-0.9
RND	comp=Z,100nm,1.0s								
FID	Port Fido	19.02	48	eP	P			20 24 53.7	-1.8
FID	comp=Z,60nm,0.7s								
MCK	McKinley	19.11	38	eP	P			20 24 56.4	0.0
MCK	comp=Z,100nm,1.0s								
MCK	McKinley	19.11	38	eP	P			20 24 56.4	0.0
MCK	comp=Z,100nm,1.0s								
MLY	Manley	19.12	34	eP	Pn			20 24 57.9	+0.4
MLY	comp=Z,216nm,1.2s								
EYH	Cordova Isl	19.31	49	eP	P			20 24 57.9	-0.6
EYH	comp=Z,49nm,1.0s								
DYK	Denali Highway	19.44	41	eP	P			20 25 00.3	0.0
DYK	comp=Z,202nm,1.4s								
DIV	Divide	19.46	47	eP	P			20 24 60.0	-0.4
DIV	comp=Z,104nm,1.3s								
KLU	Klutina	19.50	46	eP	P			20 25 00.4	-0.4
KLU	comp=Z,100nm,1.3s								
RAGM	Ragged Mountai	19.78	50	eP	P			20 25 03.8	-0.1
RAGM	comp=Z,75nm,0.3s								
WRH	Wood River Hill	19.79	37	eP	P			20 25 03.6	-0.2
WRH	comp=Z,168nm,1.3s								
BMRM	Bremner River	19.96	48	eP	P			20 25 05.7	-0.7
BMRM	comp=Z,125nm,1.2s								
MDM	Murphy Dome	19.98	36	eP	P			20 25 05.7	-0.2
MDM	comp=Z,564nm,1.9s								
CCB	Clear Creek Bu	19.98	37	eP	P			20 25 05.0	-0.9
CCB	comp=Z,42nm,0.8s								
COLA	College	20.08	36	eP	P			20 25 06.3	-0.6
COLA	comp=Z,159nm,1.1s								
COLA	College	20.08	36	eP	P			20 25 06.2	-0.6
COLA	comp=Z,159nm,1.1s								
HARP	Harding Lake	20.14	44	eP	P			20 25 07.6	-0.1
HARP	comp=Z,302nm,1.2s								
HDA	Harding Lake	20.19	38	eP	P			20 25 07.8	-0.4
HDA	comp=Z,79nm,1.0s								
PAX	Paxson	20.20	42	eP	P			20 25 08.8	+0.3
PAX	comp=Z,68nm,0.9s								
PAX	Paxson	20.20	42	eP	P			20 25 08.8	+0.3
PAX	comp=Z,68nm,0.9s								
IL1	Eielson Array	20.39	37	eP	P			20 25 08.2	-2.2
IL1	comp=Z,159nm,1.3s								
ILAR	Eielson Array	20.39	37	eP	P			20 25 08.2	-2.2
ILAR	comp=Z,159nm,1.3s								
ILAR	comp=Z,159nm,1.3s								
ILAR	comp=Z,159nm,1.3s								
SEY	Seymchan	20.51	317	P	P			20 25 12.8	+1.1
SEY	comp=Z,2.1nm,1.1s,baz=275,slow=2.3,SNR=5.2								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 25 12.4	+0.7
SEY	comp=Z,48nm,1.2s,baz=113,slow=13,SNR=20								
SEY	Seymchan	20.51	317	eP	P			20 2	

R11A	baz=307 Troy Canyon, C	43.68	83	eP	P	20 28 38.7	+0.1
DAC	comp=Z,16nm,1.0s Darwin (Calif)	43.70	86	eP	Pmax	20 28 39.3	+0.5
DAC	comp=Z,30nm,1.2s Darwin (Calif)	43.70	86	eP	P	20 28 39.2	+0.5
BGU	comp=Z,30nm,1.2s Big Grassy Mou	43.73	78	eP	P	20 28 39.2	+0.3
AHID	comp=Z,49nm,0.9s Auburn Hatcher	43.85	75	eP	P	20 28 41.3	+1.4
BSC	baz=311 Santa Cruz Isl	43.87	90	P	P	20 28 39.7	-0.3
MPMC	baz=309 Manual Prospec	43.90	87	P	P	20 28 39.6	-0.8
FURC	baz=305,SNR=5.2 Furnace Creek,	44.04	86	P	P	20 28 40.0	-0.4
OSI	comp=Z,310,SNR=5.2 Osito Adit	44.05	89	eP	P	20 28 41.2	-0.2
OSI	comp=Z,37nm,0.9s Osito Adit	44.05	89	eP	P	20 28 42.6	+1.2
TPNV	comp=Z,49nm,1.1s Topopah Spring	44.12	85	eP	Pmax	20 28 43.5	+1.4
TPNV	comp=Z,49nm,1.1s Topopah Spring	44.12	85	eP	P	20 28 41.7	-0.5
TPNV	comp=Z,49nm,1.1s Topopah Spring	44.12	85	eP	P	20 28 43.5	+1.4
LRMC	baz=310 Laurel Mountai	44.14	87	P	P	20 28 41.7	-0.6
BLG	baz=311 Laguna Peak	44.16	90	P	P	20 28 42.2	-0.1
HWUT	comp=Z,21nm,1.1s Hardware Ranch	44.23	76	eP	P	20 28 43.6	+0.6
DUG	comp=Z,42nm,1.1s Dugway	44.29	79	eP	Pmax	20 28 44.5	+1.1
DUG	comp=Z,42nm,1.1s Dugway	44.29	79	eP	P	20 28 42.6	-0.8
DUG	comp=Z,42nm,1.1s Dugway	44.29	79	eP	P	20 28 44.5	+1.1
EDW2	comp=Z,42nm,1.1s Edwards Air Fo	44.34	88	P	P	20 28 43.4	-0.3
SNCC	comp=Z,42nm,1.1s San Nicolas Is	44.43	91	P	P	20 28 43.8	-0.6
DECC	comp=Z,42nm,1.1s Green Verdugo	44.53	89	P	P	20 28 44.5	-0.7
CTU	comp=Z,42nm,1.1s Camp Tracy	44.65	77	eP	P	20 28 45.6	-0.8
MWC	comp=Z,49nm,3.0s Mount Wilson	44.72	89	eP	Pmax	20 28 45.5	-1.4
MWC	comp=Z,49nm,3.0s Mount Wilson	44.72	89	eP	P	20 28 45.5	-1.4
SHOC	comp=Z,49nm,3.0s Shoshone	44.76	86	P	P	20 28 46.6	-0.5
BW06	comp=Z,49nm,3.0s Boulder Array	44.78	74	P	P	20 28 46.5	-1.0
BW06	comp=Z,49nm,3.0s Boulder Array	44.78	74	P	P	20 28 47.1	-0.3
PDAR	comp=Z,41nm,1.0s,slow=2.97,slow=4.6,SNR=130 Pinedale Array	44.78	74	P	P	20 28 48.0	+0.6
DGMT	comp=Z,47nm,1.1s Dagmar	44.79	64	eP	P	20 28 46.2	-1.0
DGMT	comp=Z,47nm,1.1s Dagmar	44.79	64	eP	P	20 28 46.9	-0.3
GSC	comp=Z,72nm,1.0s Goldstone	44.81	87	eP	Pmax	20 28 47.6	+0.1
GSC	comp=Z,72nm,1.0s Goldstone	44.81	87	eP	P	20 28 46.9	-0.7
GSC	comp=Z,72nm,1.0s Goldstone	44.81	87	eP	P	20 28 47.6	+0.1
NLU	comp=Z,29nm,1.1s North Lily Min	44.89	78	eP	P	20 28 45.7	-2.6
FCC	comp=Z,49nm,3.0s Fort Churchill	44.90	47	eP	Pmax	20 28 47.8	0.0
FCC	comp=Z,49nm,3.0s Fort Churchill	44.90	47	eP	P	20 28 47.8	0.0
FCC	comp=Z,49nm,3.0s Fort Churchill	44.90	47	eP	P	20 28 47.8	0.0
BFP	comp=Z,49nm,3.0s Fort Macarthur	44.90	90	P	P	20 28 47.8	-0.3
FMC	comp=Z,49nm,3.0s Mount Baldy Ra	44.96	89	P	P	20 28 48.2	-0.6
CIS	comp=Z,49nm,3.0s Catalina Islan	45.03	90	P	P	20 28 48.8	-0.4
SHPR	comp=Z,43nm,1.6s Sheep Range	45.08	84	eP	P	20 28 48.8	-1.0
MPU	comp=Z,17nm,0.9s Maple Canyon	45.13	78	eP	P	20 28 50.3	+0.2
A25A	comp=Z,32nm,1.0s Svagsutu Ranch	45.16	63	eP	P	20 28 49.2	-0.9
SCI	comp=Z,31nm,1.1s San Clemente I	45.22	91	P	P	20 28 50.4	-0.3
TUQ	comp=Z,31nm,1.1s Turquoise Moun	45.28	86	P	P	20 28 50.6	-0.7
HEC	comp=Z,31nm,1.1s Hector,Ludlow	45.41	87	P	P	20 28 51.8	-0.6
B25A	comp=Z,31nm,1.1s Knox Farm, Ray	45.48	64	P	P	20 28 51.8	-0.9
CCUT	comp=Z,96nm,2.0s Cedar City	45.55	82	eP	P	20 28 55.1	+1.5
MURC	comp=Z,96nm,2.0s Murrieta	45.56	89	P	P	20 28 53.7	-0.5
MSU	comp=Z,31nm,1.1s Marysvalle	45.70	80	eP	P	20 28 55.5	+0.8
MSU	comp=Z,31nm,1.1s Marysvalle	45.70	80	eP	P	20 28 55.5	+0.8
C25A	comp=Z,31nm,1.1s Freed Ranch, W	45.73	64	P	P	20 28 53.7	-0.9
A26A	comp=Z,31nm,1.1s Wade Farm, Ken	45.78	62	P	P	20 28 54.0	-1.0
TMUT	comp=Z,29nm,0.9s Trail Mountain	45.82	79	eP	P	20 28 56.2	+0.4
GMRC	comp=Z,29nm,0.9s Granite Moun	45.87	87	P	P	20 28 55.4	-0.5
B26A	comp=Z,31nm,1.1s Jensen Ranch,	45.95	63	P	P	20 28 55.6	-0.8
D25A	comp=Z,31nm,1.1s Fairfield	46.00	65	P	P	20 28 55.9	-0.9
P17A	comp=Z,38nm,1.1s Butcher Ranch,	46.02	78	eP	P	20 28 58.1	+1.0
LDFC	comp=Z,38nm,1.1s Landfair	46.02	86	eP	P	20 28 57.3	+0.2
PFO	comp=Z,93nm,1.2s Pinyon Flat Ob	46.13	88	P	P	20 28 58.4	+0.4
PFO	comp=Z,93nm,1.2s Pinyon Flat Ob	46.13	88	eP	Pmax	20 28 57.4	-0.7
PFO	comp=Z,93nm,1.2s Pinyon Flat Ob	46.13	88	eP	P	20 28 57.4	-0.7
PFO	comp=Z,30nm,1.1s Pinyon Flat Ob	46.13	88	P	P	20 28 57.3	-0.7
PFO	comp=Z,30nm,1.1s Pinyon Flat Ob	46.13	88	eP	P	20 28 57.4	-0.7
BELC	comp=Z,31nm,1.1s Belle Mtn, Jos	46.16	88	P	P	20 28 57.7	-0.6
109C	comp=Z,31nm,1.1s Camp Elliot, M	46.19	90	P	P	20 28 58.1	-0.2
A27A	comp=Z,31nm,1.1s Ledoux Ranch,	46.19	62	P	P	20 28 57.5	-0.8
E25A	comp=Z,31nm,1.1s Miller Ranch,	46.31	66	P	P	20 28 58.3	-1.0
C26A	comp=Z,31nm,1.1s Wahner Farm, P	46.33	64	P	P	20 28 58.3	-1.0
SRU	comp=Z,31nm,1.1s San Rafael	46.35	78	eP	Pmax	20 29 00.5	+0.7
SRU	comp=Z,31nm,1.1s San Rafael	46.35	78	eP	P	20 29 00.5	+0.7
B27A	comp=Z,31nm,1.1s Peters Farms,	46.48	63	P	P	20 28 59.7	-0.8
D26A	comp=Z,31nm,1.1s Manning	46.57	65	P	P	20 29 00.3	-1.0
IRM	comp=Z,304,SNR=6.7 Iron Mountain	46.59	87	P	P	20 29 01.0	-0.6
BAR	comp=Z,23nm,1.0s Barrett	46.60	90	eP	P	20 29 02.4	+0.7
F25A	comp=Z,304,SNR=7.5 Bowman	46.60	67	P	P	20 29 00.6	-0.9
MONP	comp=Z,304,SNR=7.5 Monument Peak	46.62	89	P	P	20 29 01.2	-0.8
K22A	comp=Z,304,SNR=16 Casper	46.68	72	eP	P	20 29 01.3	-0.9
K22A	comp=Z,42nm,1.1s Casper	46.68	72	eP	P	20 29 02.3	0.0
C27A	comp=Z,304,SNR=15 Saylor Ranch,	46.72	63	P	P	20 29 01.5	-0.9
BC3	comp=Z,304,SNR=15 Big Chuckwall	46.73	88	P	P	20 29 02.2	-0.6
A28A	comp=Z,304,SNR=15 Rude Farm, Bot	46.76	61	P	P	20 29 01.6	-1.0
E26A	comp=Z,304,SNR=16 Carlson Angus	46.87	65	P	P	20 29 02.7	-0.9
B28A	comp=Z,304,SNR=18 Dugan Ranch, T	46.96	62	P	P	20 29 03.4	-0.8
IBP	comp=Z,304,SNR=18 Imperial Bould	46.98	89	P	P	20 29 04.2	-0.5
SWSC	comp=Z,304,SNR=18 Sam W. Stewart	46.98	89	P	P	20 29 04.2	-0.4
BJI	comp=Z,46nm,1.2s Beijing	47.03	284	P	S	20 29 05.5	+0.6
BJI	comp=Z,46nm,1.2s Beijing	47.03	284	P	S	20 35 55.0	0.0
BJI	comp=Z,830nm,3.5s Beijing				PMZ		
BJI	comp=Z,920nm,23.5s Beijing				LE		
G25A	comp=Z,880nm,29.0s Newell	47.04	67	P	P	20 29 04.1	-0.9
D27A	comp=Z,880nm,29.0s Cente	47.05	64	P	P	20 29 04.2	-0.8
BJT	comp=Z,48nm,0.8s Baijiatuu	47.05	284	eP	Pmax	20 29 05.6	+0.6
BJT	comp=Z,48nm,0.8s Baijiatuu	47.05	284	eP	Pmax	20 29 05.6	+0.6
F26A	comp=Z,48nm,0.8s Lodgepole	47.10	66	P	P	20 29 04.5	-0.9
PDMC	comp=Z,48nm,0.8s Parker Dam,Lak	47.13	86	P	P	20 29 05.1	-0.6
O20A	comp=Z,48nm,0.8s White River Ci	47.13	76	eP	P	20 29 04.9	-1.0
O20A	comp=Z,48nm,0.8s White River Ci	47.13	76	eP	P	20 29 06.3	+0.4
Y12C	comp=Z,48nm,0.8s Blythe	47.25	87	P	P	20 29 06.2	-0.4
H25A	comp=Z,48nm,0.8s Fruitdale	47.26	68	P	P	20 29 05.9	-0.9
RSSD	comp=Z,21nm,0.9s Black Hills	47.30	69	eP	Pmax	20 29 07.2	0.0
RSSD	comp=Z,21nm,0.9s Black Hills	47.30	69	eP	Pmax	20 29 06.0	-1.2
RSSD	comp=Z,21nm,0.9s Black Hills	47.30	69	eP	P	20 29 07.2	0.0
A29A	comp=Z,21nm,0.9s Manning Farm,	47.32	61	P	P	20 29 06.2	-0.8
E27A	comp=Z,21nm,0.9s Carlson	47.41	65	P	P	20 29 07.0	-0.8
G26A	comp=Z,21nm,0.9s Maurine	47.46	67	P	P	20 29 07.2	-1.0
F27A	comp=Z,21nm,0.9s Lagmon	47.46	66	P	P	20 29 07.3	-0.9
B29A	comp=Z,21nm,0.9s Wagenman Farm,	47.51	62	P	P	20 29 07.6	-0.9
GLA	comp=Z,47nm,1.2s Glamis	47.52	88	eP	Pmax	20 29 10.2	+1.4
GLA	comp=Z,47nm,1.2s Glamis	47.52	88	eP	P	20 29 08.2	-0.6
GLA	comp=Z,47nm,1.2s Glamis	47.52	88	eP	P	20 29 10.2	+1.4
I25A	comp=Z,47nm,1.2s Rochford	47.53	69	P	P	20 29 07.8	-1.1
D28A	comp=Z,47nm,1.2s Regan	47.54	64	P	P	20 29 08.0	-0.8
TLY	comp=Z,7.3nm,0.8s,slow=6.1,SNR=4.5 Talya	47.56	304	eP	Pmax	20 29 08.3	-0.6
TLY	comp=Z,7.3nm,0.8s,slow=6.1,SNR=4.5 Talya	47.56	304	eP	Pmax	20 29 08.3	-0.6
TLY	comp=Z,42nm,1.6s Talya				MLR		
TLY	comp=Z,1um,14.0s Talya	47.56	304	eP	P	20 29 08.5	-0.4
MDND	comp=Z,20nm,1.2s Maddock	47.71	62	P	P	20 29 09.2	-0.9
MDND	comp=Z,164nm,1.1s Maddock	47.71	62	eP	P	20 29 09.9	-0.2
H26A	comp=Z,164nm,1.1s Fairpoint	47.75	68	P	P	20 29 09.6	-0.9
G27A	comp=Z,164nm,1.1s Dupree	47.80	66	P	P	20 29 09.9	-0.9
A30A	comp=Z,164nm,1.1s Hoffart Farm,	47.82	60	P	P	20 29 10.0	-0.9
ULN	comp=Z,32nm,1.0s Ulanbaatar	47.83	298	eP	Pmax	20 29 11.0	-0.2
ULN	comp=Z,32nm,1.0s Ulanbaatar	47.83	298	eP	P	20 29 12.1	+0.9
ULN	comp=Z,32nm,1.0s Ulanbaatar	47.83	298	eP	P	20 29 12.7	
ULN	comp=Z,32nm,1.0s Ulanbaatar	47.83	298	eP	P	20 29 10.5	-0.7
J25A	comp=Z,32nm,1.1s Sunshine Ranch	47.86	70	P	P	20 29 10.5	-0.9
I26A	comp=Z,32nm,1.1s New Underwood	48.04	68	P	P	20 29 11.9	

Table with columns for station ID, name, coordinates, and other details. Includes stations like GTA, W35A, ABTX, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like 633A, 732A, 534A, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like GYA, 440A, VOSK, etc.

Table with columns: ASAR, Alice Springs, 43.68 127 P, P, 21 18 34.7 +2.1, etc.

ISCJB 25 21:14:50.7-0.4, 12.37N-0.04-56.81W-0.03, h10km, mb4.0/22, Error ellipse: s-maj=5.9km s-min=4.2km az=4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBGH, TOSP, SVV, etc.

Table with columns: CPUP, Villa Florida, 38.65 181 P, P, 21 22 12.8 -3.5, etc.

HLW 25 21:15:36.4, 34.14N-35.31E, h31km, 13km, MD3.5, MI3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BEYL, BHL, DQRL, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BEYL, BHL, DQRL, etc.

Main table with columns: SALA, comp=E, 11nm, 0.4s, AML, AML, 21 16 36.2, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like MSVF, Nonsavu, YAK, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like TBLG, Delisi, BPAW, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like NB2, NORSAR, NOA, etc.

1545

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like DBIC Dimbokro, PLCA Paso Flores, JTS JuntasAbangare, etc.

AUST 25 21:30:11.6:0.1, 43.925x173.43E, h0km, 1km, Error ellipse: s-maj=4.5km s-min=0.9km az=305.0

ISCJB 25 21:30:14.7:0.4, 43.545:0.04:172.76E:0.05, h16km, mb4.4/17, MS4.1/8, Error ellipse: s-maj=6.5km s-min=3.6km az=44.2

IDC 25 21:30:14.8:0.7, 43.355:172.64E, h0km, mb4.3/5, mb1 4.4/6, mb1mx4.1/33, mbmp4.3/6, ML4.0/1, MS4.1/9, Ms1 4.1/9, ms1mx3.8/27, Error ellipse: s-maj=23.3km s-min=13.1km az=160.0

NEIC 25 21:30:15.8:0.4, 43.555:172.65E, h5km, mb4.5/11, ML4.9(WEL), Alter WEL.

NEIC Twenty buildings damaged at Christchurch. Felt [VI] at Christchurch, Riccarton and Saint Albans. Felt in much of Canterbury.

WEL 25 21:30:15.9:0.1, 43.555:172.63E, h5km, ML4.9/58, Error ellipse: s-maj=1.2km s-min=0.7km az=90.0

WEL Felt from West Coast to Otago, maximum reported intensity MM 8.

ISC 25 21:30:15.8:0.4, 43.505:0.04:172.68E:0.04, h16km, n113, a132/75, mb4.2/17, MS4.1/8, 6C-6D, South Island

Main table for 1545 section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MOZ McQueen's Vall, OXF Oxford, LTA Lake Taylor, etc.

2010 DEC

Main table for 2010 DEC section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MLZ Mavora Lakes, BFZ Birch Farm, SYZ Scrubby Hill, etc.

25d 21h

Main table for 25d 21h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like AKASG, ISCJB 25 21:32:16.2:0.2, IDC 25 21:32:16.1:1.2, etc.

25d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, TKM2 Tokmak 2, USPOspenovka, etc.

2010 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, SONM Songino Array, MKAR Makanchi Array, etc.

1546

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MCK McKinley, PALK Pallekele, NVAR Nava Array Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 25 21:43:29.4, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 25 21:47:28.6, BJR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 25 22:05:10.3, IDC 25 22:05:11.6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like SOMM Songino Array, WRA Warramunga Arr, MKAR Makanchi Array, NIED 25:22:06:00, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like DUG Dugway, HWAG Hardware Ranch, AKUS Malin Array, BW06 Boulder Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like MATI Davao City-Mi, DMPH DMPH, BUKP Musuan, NDI 25:22:14:17, etc.

MTN	Manton Dam	36.17 276	eP	P	22 33 04.5	-0.4
WRKA	Warakurna	37.09 255	P	P	22 33 12.1	-0.6
KNRA	Kunarra	37.70 270	P	P	22 33 16.8	-1.0
TBI	Tubuai	39.42 103	eLQ	LQ	22 42 40.7	
TBI	comp-Z,464nm,30.8s		eLR	LR	22 44 22.7	
PPT2	Papeete2	40.00 94	eLQ	LQ	22 42 56.1	
PPT2	comp-Z,832nm,31.5s		eLR	LR	22 44 38.6	
FITZ	Fitzroy Crossi	40.17 265	LR	LR	22 49 27.4	
FITZ	Fitzroy Crossi	40.17 265	P	P	22 33 38.7	+0.1
FITZ	Fitzroy Crossi	40.17 265	eP	P	22 33 38.8	+0.2
SOEI	Soe	43.51 277	P	P	22 34 16.1	+1.0
SANI	Sanana	44.88 288	P	P	22 34 18.1	+1.2
SANI	Sanana	44.88 288	P	P	22 34 18.5	+1.6
KLBR	Kellerberrin	46.49 245	P	P	22 34 29.2	-0.2
NWAO	Narrogin (SRO)	46.98 243	eP	P	22 34 34.5	+1.2
NWAO	Narrogin (SRO)	46.98 243	P	P	22 34 32.6	-0.7
NWAO	Narrogin (SRO)	46.98 243	eP	P	22 34 34.5	+1.2
MORW	Morawa	47.96 249	P	P	22 34 42.2	+1.2
LUWI	Luwuk	48.20 287	P	P	22 34 44.1	+1.1
LUWI	Luwuk	48.20 287	P	P	22 34 43.7	+0.7
LUWI	Luwuk	48.20 287	eP	P	22 34 43.2	+0.3
GTOI	Gorontalo	48.74 289	P	P	22 34 48.1	+1.0
APSI	Ampana	49.27 287	P	P	22 34 51.9	+0.7
KAPI	Kappang	49.55 281	eP	P	22 34 51.2	-0.6
TWSI	Taliwang, Sumb	50.74 275	P	P	22 35 02.8	+0.4
RKT	Rikitea	52.70 104	eLR	LR	22 50 30.1	
KKM	Kota Kinabalu	57.25 291	P	P	22 35 50.4	+0.3
VNDA	Vanda	57.67 182	P	P	22 35 51.1	-0.4
VNDA	Vanda	57.67 182	eP	P	22 35 52.1	+0.1
STKI	Sintang	58.93 283	P	P	22 36 03.2	+1.5
LEM	Lembang	60.05 274	P	P	22 36 15.6	+6.0
KSM	Kuching	60.56 284	eP	P	22 36 12.6	-0.3
CBJI	Cilek	60.90 274	P	P	22 36 14.0	-1.3
MJAR	Matsushiro Arr	62.94 333	P	P	22 36 27.4	-1.1
MAT	Matsushiro	62.94 333	P	P	22 36 27.1	-1.4
KSRS	Korea Array	68.55 326	P	P	22 37 04.0	-0.6
KSAR	Wonju Array Be	68.56 326	P	P	22 37 04.0	-0.7
KSAR	Wonju Array Be	68.56 326	P	P	22 37 04.0	-0.7
QIZ	Qiongzong	69.07 300	P	P	22 37 07.3	-1.0
NJZ	Nanjing	70.04 317	PMZ		22 46 15.8	+3.6
IPM	Ipo	70.25 283	eP	P	22 37 15.2	-0.5
YSS	Yuzh-Sakhalins	70.45 342	eP	P	22 37 12.0	-4.1
PSI	Prapat	71.55 280	eP	P	22 37 22.9	-1.5
PSI	Prapat	71.55 280	P	P	22 37 22.9	-0.9
PSI	Prapat	71.55 280	eP	P	22 37 22.3	-1.5
USRK	Ussuriysk Ar.	71.93 333	P	P	22 37 25.3	+0.1
GSI	Gunungsitoli	72.25 278	eP	P	22 37 28.2	+0.3
CHBT	CHBT	72.47 291	P	P	22 37 38.1	+9.0
SKNT	Sakolnakhorn	72.94 296	P	P	22 37 33.7	+1.9
MDJ	Mudanjiang	73.29 332	PMZ		22 37 34.3	+1.0
MDJ	comp-Z,15nm,0.9s		PMZ			
MDJ	Mudanjiang	73.29 332	eP	P	22 37 32.9	-0.4
PETK	Petrovavlovsk-	73.34 353	P	P	22 37 32.6	-0.8
CN2	Changnun	74.57 329	eP	P	22 37 41.0	+0.2
GYA	Guiyang	75.42 306	PP	PP	22 40 38.2	+2.6
GYA	comp-Z,20nm,1.0s		PMZ		22 47 26.5	+1.5
GYA	comp-Z,120nm,8.3s		LN		22 47 52.8	-1.8
GYA	comp-Z,500nm,18.8s		LZ			
NANT	Nan	76.55 296	P	P	22 37 53.9	+1.2
LAMP	Lampang	77.33 295	P	P	22 37 58.7	+1.6
MAW	Mawson	77.38 202	eP	P	22 37 56.7	+0.2
MAW	Mawson	77.38 202	eP	P	22 37 57.5	+1.0
MAW	Mawson	77.38 202	P	P	22 37 57.2	+0.7
MAW	Mawson	77.38 202	eP	P	22 37 57.5	+1.0
KMI	Kunming	77.81 302	P	P	22 38 00.8	+0.9
KMI	comp-Z,2.6nm,1.0s		pP	pP	22 38 08.3	-0.3
KMI	comp-Z,9.0nm,0.9s		sP	sP	22 38 11.0	-0.7
CM01	Chiang Mai Arr	77.86 295	eP	P	22 38 00.7	+0.6
CMAR	Chiang Mai Arr	77.89 295	eP	P	22 38 00.5	+0.3
CMMT	Chiang Mai	78.04 295	P	P	22 38 02.0	+0.9
CHTO	Chiang Mai	78.04 295	eP	P	22 38 02.0	+1.0
CHTO	Chiang Mai	78.04 295	eP	P	22 38 02.1	+1.0
CHTO	Chiang Mai	78.04 295	eP	P	22 38 02.1	+1.0
CMAI	Chiangmai2	78.45 296	P	P	22 38 04.6	+1.1
CD2	Chengdu	78.99 308	eP	P	22 38 13.0	+2.0
CD2	comp-Z,380nm,5.3s		PMZ		22 48 14.0	+1.0
CD2	comp-Z,360nm,12.4s		LE			
CD2	comp-Z,230nm,13.3s		LZ			
HHC	Hu-ho-hao-te	80.12 320	eP	S	22 38 14.0	+1.8
HHC	comp-Z,13nm,1.0s		PMZ		22 48 17.0	+1.8
HHC	comp-Z,250nm,7.9s		LN			
HHC	comp-Z,330nm,14.8s		LN			

HHC	comp-Z,290nm,17.3s		LE			
HHC	comp-Z,210nm,16.0s		LZ			
HIA	Hailar	81.24 330	PP	P	22 38 17.5	-0.3
LZH	Lanzhou	82.47 313	eP	P	22 38 25.0	+0.2
LZH	comp-Z,10.0nm,1.0s		pP	PMZ	22 38 30.0	+0.1
SYO	Syowa Base	83.95 196	eX	P	22 38 29.6	-2.1
ULN	Ulanbaatar	86.85 324	eP	P	22 38 45.8	-0.8
ULN	Ulanbaatar	86.85 324	eP	P	22 38 45.8	-0.8
GTA	Gaotai	86.90 314	eP	P	22 38 47.5	+0.5
GTA	comp-Z,3.0nm,1.3s		pP	PMZ	22 38 53.8	-2.0
GTA	comp-Z,3.0nm,1.3s		sP	PMZ	22 38 56.5	-2.4
SOMN	Songino Array	87.20 324	P	P	22 38 47.8	-0.5
SOMN	Songino Array	87.20 324	eP	P	22 38 48.0	-0.4
SOMN	Songino Array	87.27 343	eP	P	22 38 45.6	-2.5
YAK	Yakutsk	87.77 359	PP	P	22 38 49.9	-0.5
BILL	Bilibino	87.77 359	PP	P	22 38 49.9	-0.5
BILL	Bilibino	87.77 359	eP	P	22 38 49.7	-0.7
BILL	Bilibino	87.77 359	eP	P	22 38 49.7	-0.7
NVL	Nizarevskaya	88.00 188	eP	P	22 39 00.5	+8.8
ARVC	Arvin	88.23 52	P	P	22 38 53.2	-0.2
M02C	Callahan	88.27 45	P	P	22 38 53.8	+0.3
PASC	Pasadena Art C	88.30 53	eP	P	22 38 53.3	-0.4
ORV	Oroville	88.32 47	eP	P	22 38 53.1	-0.6
ORV	Oroville	88.32 47	eP	P	22 38 53.1	-0.6
ORV	Oroville	88.32 47	eP	P	22 38 53.1	-0.6
SNA4	Sana4	88.38 183	P	P	22 38 50.9	-2.7
AFDM	Forest Hills D	88.40 47	eP	P	22 38 55.1	+1.0
MWC	Mount Wilson	88.41 53	eP	P	22 38 55.4	+0.9
MWC	Mount Wilson	88.41 53	eP	P	22 38 55.4	+0.9
MWC	Mount Wilson	88.41 53	eP	P	22 38 55.4	+0.9
O03D	Paynes Creek	88.45 46	P	P	22 38 54.3	-0.1
YBH	Yreka Blue Hor	88.53 44	eP	P	22 38 55.6	+0.9
YBH	Yreka Blue Hor	88.53 44	eP	P	22 38 55.6	+0.9
YBH	Yreka Blue Hor	88.53 44	eP	P	22 38 55.6	+0.9
109C	Camp Elliot, M	88.57 54	P	P	22 38 55.2	+0.2
BFSC	Mount Baldy Ra	88.72 53	P	P	22 38 55.7	-0.2
EDW2	Edwards Air Fo	88.75 52	P	P	22 38 55.5	-0.4
HUMO	Hull Mountain	88.78 44	eP	P	22 38 56.9	+1.1
MURC	Murietta	88.80 54	P	P	22 38 56.0	-0.1
BAR	Barrett	88.81 55	eP	P	22 38 57.0	+0.8
VNA3	Neumayer Olymp	89.01 181	P	P	22 38 55.9	-0.6
MONP	Monument Peak	89.09 55	P	P	22 38 57.4	-0.3
LRMC	Laurel Mountai	89.22 52	P	P	22 38 57.6	-0.5
IBP	Imperial Bould	89.25 55	P	P	22 38 58.4	-0.0
VNA2	Neumayer-Watz	89.29 181	P	P	22 38 57.0	-0.8
PFO	Pinyon Flat Ob	89.36 54	P	P	22 38 58.9	0.0
BOD	Bodaibo	89.55 334	eP	P	22 38 57.1	-1.9
BOD	Bodaibo	89.55 334	eP	P	22 38 57.1	-1.9
SWSC	Stewart	89.59 55	P	P	22 38 59.7	-0.1
MPMC	Manual Prospec	89.62 51	P	P	22 39 00.1	0.0
DAC	Darwin (Calif)	89.63 51	eP	P	22 39 00.8	+0.6
DAC	Darwin (Calif)	89.63 51	eP	P	22 39 00.8	+0.6
DAC	Darwin (Calif)	89.63 51	eP	P	22 39 00.8	+0.6
I04C	Tendick Farm,	89.70 43	P	P	22 39 60.0	-0.1
GSC	Goldstone	89.80 52	eP	P	22 39 01.3	+0.4
GSC	Goldstone	89.80 52	eP	P	22 39 01.3	+0.4
GSC	Goldstone	89.80 52	eP	P	22 39 01.3	+0.4
BELC	Belle Mtn. Jos	89.87 54	P	P	22 39 01.4	+0.1
HEC	Hector,Ludlow	89.96 53	P	P	22 39 01.3	-0.4
NV01	Mina Array Sit	90.04 49	eP	P	22 39 01.6	-0.5
NVAR	Mina Array Bea	90.04 49	eP	P	22 39 01.2	-0.9
GRAC	Grapevine Rang	90.10 50	P	P	22 39 02.1	0.0
BC3	Big Chuckwall	90.15 54	P	P	22 39 02.6	+0.1
K05A	Summer Lake	90.18 44	eP	P	22 39 03.0	+0.3
MOD	Modoc	90.20 45	eP	P	22 39 02.3	-0.3
J05D	Fort Rock, OR	90.22 44	P	P	22 39 02.8	+0.2
F04C	Furnace Creek,	90.25 51	P	P	22 39 02.7	-0.1
HURC	Hetroit Lake	90.26 42	eP	P	22 39 02.8	+0.1
ZAK	Zakamensk	90.30 325	eP	P	22 39 02.3	-0.5
ZAK	Zakamensk	90.30 325	eP	P	22 39 02.3	-0.5
ZAK	Zakamensk	90.30 325	eP	P	22 39 02.3	-0.5
GLA	Glamis	90.38 55	eP	P	22 39 04.2	+0.6
GLA	Glamis	90.38 55	eP	P	22 39 04.2	+0.6
GLA	Glamis	90.38 55	eP	P	22 39 04.2	+0.6
SHOC	Shoshone	90.44 52	P	P	22 39 04.3	+0.6
GMRG	Gracie Mounta	90.44 53	P	P	22 39 03.9	0.0
TUQ	Turquoise Moun	90.52 52	P	P	22 39 03.8	-0.4
IRM	Iron Mountain	90.58 54	P	P	22 39 04.2	-0.3
I05D	Terrebonne, OR	90.64 43	P	P	22 39 05.1	+0.6
F04A	Amboy	90.71 41	eP	P	22 39 05.7	+1.0
SLBS	Sierra La Lagu	90.80 65	eP	P	22 39 07.9	+2.2
Y12C	Blythe	90.89 54	P	P	22 39 05.6	-0.3
TPNV	Topopah Spring	90.90 51	eP	P	22 39 05.4	-0.6
TPNV	Topopah Spring	90.90 51	eP	P	22 39 05.4	-0.6
TPNV	Topopah Spring	90.90 51	eP	P	22 39 05.4	-0.6
TPNV	Topopah Spring	90.90 51	eP	P	22 39 05.4	-0.6
LDFC	Landfair	90.98 53	eP	P	22 39 08.3	+1.9

COLA	College	91.04 171	eP	P	22 39 06.3	+0.6
COLA	comp-Z,3.0nm,0.8s		pmax	pmax		
NEE2	Needles Airpor	91.22 53	P	P	22 39 07.3	-0.1
IL1	Eielson Array	91.23 18	eP	P	22 39 05.8	-0.9
ILAR	Eielson Array	91.23 18	P	P	22 39 04.0	-2.7
ILAR	Eielson Array	91.23 18	P	P	22 39 04.0	-2.7
PDMO	Park Dam,Lak	91.40 54	P	P	22 39 08.7	+0.5
SHPR	Sheep Range	91.51 52	eP	P	22 39 09.8	+0.9
214A	Organ Pipe Nat	91.52 57	eP	P	22 39 07.2	-1.7
WVOR	Wild Horse Val	91.55 45	eP	P	22 39 09.0	+0.1
WVOR	Wild Horse Val	91.55 45	eP	P	22 39 09.0	+0.1
WVOR	Wild Horse Val	91.55 45	eP	P	22 39 09.0	+0.1
BMN	Battle Mountai	91.65 47	eP	P	22 39 09.4	0.0
BMN	Battle Mountai	91.65 47	eP	P	22 39 09.4	0.0
R11A	Troy Canyon, C	91.95 50	P	P		

25D 23h

ISCJB 25 22:47:54.0.0.5.26:65N.07:143:78E.0:05, h10km, mb4.1/31, Error ellipse: s-maj=9.8km s-min=6.9km az=9.2, IDC 25 22:47:54.0.0.7.26:59N.143:68E, h0km, mb3.8/15, mb1.4/0.19, mb1mx3.9/49, mbtmp3.9/19, ML3.6/4, Error ellipse: s-maj=18.6km s-min=15.2km az=59.0, JMA 25 22:47:56.2.07.24N.143:87E, h23km, M3.7, NEIC 25 22:47:56.0.0.3.26:59N.143:69E, h10km, mb4.3/17, Error ellipse: s-maj=6.8km s-min=5.8km az=57.0, ISC 25 22:47:56.1.0.7.26:7N.07:143:73E.0:06, h10km, n52, c180S0.0, mb4.1/31, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Haha-jima-NKT, Chichi jima, Chichijima, WAKE ISLAND Hy, etc.

WEL 25 22:53:07.8.0.1.43:54S~172:64E, h6km, ML3.5/13, 5C-2D, Error ellipse: s-maj=1.3km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Canterbury Las, Canterbury Las, Canterbury Las, etc.

2010 DEC

QRZ Quartz Range 2.72 358 AML AML 22 54 03.4
ERZ Earningsleugh 2.93 234 AML AML 22 54 46.3
EAZ Earningsleugh 2.93 234 AML AML 22 54 45.1
EYZ Tuapeka 3.23 221 AML AML 22 54 46.3
TUZ Tuapeka 3.23 221 AML AML 22 54 57.1

WEL 25 22:45:02.0.2.0.1.43:54S~172:62E, h5km, ML3.0/5, 3C-1D, Error ellipse: s-maj=2.2km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Canterbury Las, Canterbury Las, Canterbury Las, etc.

IDC 25 22:54:49.8.2.2.27:12N~143:33E, h0km, mb3.5/2, mb1.3/7.3, mb1mx3.3/39, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=35.9km s-min=28.0km az=33.0, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichijima, Chichijima, Chichijima, etc.

IGQ 25 22:56:53.0.7.1.36S.81:89W, h2km, g4km, Mb4.4, Error ellipse: s-maj=5.6km s-min=3.0km az=4.7, Off coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Isla de la Pia, Isla de la Pia, Isla de la Pia, etc.

IDC 25 23:12:57.1.0.6.27:16N.143:40E, h0km, mb4.1/18, mb1.4/3.21, mb1mx4.1/46, mbtmp4.1/21, ML3.6/3, MS3.3/1, Ms1.3.5/1, ms1mx2.7/39, Error ellipse: s-maj=5.47km s-min=1.93km az=158.0, NEIC 25 23:12:58.7.0.3.27:17N.143:41E, h10km, mb4.1/4, Error ellipse: s-maj=7.8km s-min=6.6km az=55.0, JMA 25 23:12:58.9.0.1.27:30N.143:49E, h62km, M4.1, ISCJB 25 23:13:01.0.7.0.27:36N.07:143:31E.0:06, h33km, mb4.0/22, MS3.2/1, Error ellipse: s-maj=8.6km s-min=4.7km az=41.9, ISC 25 23:13:02.9.0.6.27:32N.07:143:33E.0:07, h35km, n39, c181B4/7, mb4.1/22, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chichijima, Chichijima, Chichijima, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Canterbury Las, Canterbury Las, Canterbury Las, etc.

1552

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like ABKAR Akbulak array, YKA Yellowknife Arr, FINES Fines Array B, etc.

IDC 25 23:13:03.9.1.2.19:56S~168:22E, h0km, mb4.2/5, mb1.4/4.6, mb1mx4.0/34, mbtmp4.1/6, ML3.2/1, Error ellipse: s-maj=40.9km s-min=24.8km az=129.0, NEIC 25 23:13:05.4.0.4.0.19:54S~168:22E, h10km, mb4.4/8, Error ellipse: s-maj=70.0.10.7km s-min=6.0km az=147.0, ISC 25 23:13:06.7.0.7.19:55S~168:22E.0:11, h25km, n17, c180E/18, mb4.4/11, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Mt Dzumac, Mt Dzumac, Mt Dzumac, etc.

BUI 25 23:13:04.5.50:13N~174:94W, h15km, mb4.7/26, mB5.2/15, Ms4.9/5, Ms7.4/6/5, IDC 25 23:13:12.8.1.2.51:31N~176:09W, h0km, mb4.0/18, mb1.4/2.19, mb1mx4.0/54, mbtmp4.1/19, ML4.2/1, MS4.2/3, Ms1.4/2.3, ms1mx3.2/47, Error ellipse: s-maj=34.4km s-min=14.1km az=173.0, ISCJB 25 23:13:13.0.4.0.50:95N.0:05, 175:93W.0:05, h28km, mb4.3/21, MS4.3/3, Error ellipse: s-maj=7.8km s-min=3.9km az=168.4, NEIC 25 23:13:16.3.1.51:07N.176:06W, h34km, mb4.3/28, After AEIC, ISC 25 23:13:16.1.0.6.51:05N.07:160:04W.0:04, h28km, n105, c182D/98, mb4.3/32, MS4.1/3, Andreev Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Kagalaska Isla, Kagalaska Isla, Kagalaska Isla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, YKA Yellowknife, etc.

1553 25d 23h: 17:13.1+4.0, 20:42S:168:47E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/31, mbtmp3.9/6, Error ellipse: s-maj=132.0km s-min=32.4km az=144.0

NEIC 25 23:17:14.9.3.2.20:00S:168:28E, h3km, 20km, mb4.5/13, Error ellipse: s-maj=9.5km s-min=6.7km az=181.0

ISC 25 23:17:17.3.0.6.20:35S:168:35E, 0.109, h26km, n27, i=1626/25, mb4.3/18, Locality: Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like DZM Mont Dzumac, DZM Urewera, DZM Ulanbaatar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like JHU Hanno, JHU Ryogami san, JRY Ashikaga, etc.

25d 23h: 17:13.1+4.0, 20:42S:168:47E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/31, mbtmp3.9/6, Error ellipse: s-maj=132.0km s-min=32.4km az=144.0

NEIC 25 23:17:14.9.3.2.20:00S:168:28E, h3km, 20km, mb4.5/13, Error ellipse: s-maj=9.5km s-min=6.7km az=181.0

ISC 25 23:17:17.3.0.6.20:35S:168:35E, 0.109, h26km, n27, i=1626/25, mb4.3/18, Locality: Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like DZM Mont Dzumac, DZM Urewera, DZM Ulanbaatar, etc.

AUST 25 23:19:59.3.1.2.19:66S:170:89E, h0km, Error ellipse: s-maj=25.9km s-min=16.5km az=42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, S, ISC. Includes stations like mb1 4.6/11, mb1mx4.3/29, mbtmp4.4/11, ML3.8/1, MS3.8/10, etc.

ISC 25 23:16:28.4.0.6.27:29N:0:07:143:28E, 0.07, h35km, n55, i=6095/60, mb4.1/38, Bonin Islands region

25d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC, LZH, ULN, SONM, etc.

ISC 25 23:21:59.9,2.5,20.11S;168.53E,h0km,mb4.1/5, mb1 4.4/6,mb1mx4.0/31,mbtmp4.1/6, Error ellipse: s-maj=79.1km s-min=28.3km az=134.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, AFI, PMG, WRA, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UPI, KOMG, CVNA, CER, etc.

SJA 25 23:32:09.3,0.5,22.91S;68.50W,h204km,60km,ML3.3, GUC 25 23:32:32.5,0.4,23.66S;67.52W,h254km,12km,ML3.9,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB06, PB04, PB10, etc.

WEL 25 23:34:31.9,0.1,43.54S;172.64E,h7km,ML3.7/16,3C-4D, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ, MCQUEEN'S VALL, OXFORD, etc.

ISC 25 23:35:00.6,2.2,27.62N;143.64E,h0km,mb3.6/4, mb1 3.7/4,mb1mx3.4/41,mbtmp3.6/4,MS3.2/1,MS1 3.4/1, s-min=28.2km az=89.0, Bonin Islands region

1554

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCY, SONM, CMAR, etc.

ISC 25 23:36:23.1,2.2,19.94S;168.33E,h0km,mb4.2/7, mb1 4.4/9,mb1mx4.1/34,mbtmp4.1/8,ML3.8/1,MS3.5/3,MS1 3.3/3,mb1mx3.1/27, Error ellipse: s-maj=65.5km s-min=24.1km az=128.0

ISC 25 23:36:24.8,0.5,19.97S;168.008;168.35E;0.08,h25km, mb4.2/13,MS4.4/2, Error ellipse: s-maj=13.7km s-min=7.8km az=139.7

NEIC 25 23:36:24.8,3.6,19.98S;168.32E,h11km,23km,mb4.5/8, Error ellipse: s-maj=13.4km s-min=8.5km az=161.0

ISC 25 23:36:26.7,0.7,20.00S;0.1;168.32E;0.09,h25km,n23, o=930/20,mb4.3/13,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, MSFV, HNR, etc.

ISC 25 23:37:21.2;298.0,40.02N;157.00E,h0km, Error ellipse: s-maj=180.0km s-min=112.3km az=123.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I44RU, I30JP, I45RU, etc.

ISC 25 23:47:02.2,1.2,19.40S;167.96E,h0km,mb4.0/6, mb1 4.3/7,mb1mx3.9/36,mbtmp3.9/7,ML3.5/1, Error ellipse: s-maj=48.9km s-min=22.9km az=145.0

ISC 25 23:47:03.8,0.6,19.43S;0.7;167.93E;0.08,h26km, mb4.1/11, Error ellipse: s-maj=10.9km s-min=8.9km az=104.0

NEIC 25 23:47:03.4,3.9,19.40S;167.97E,h10km,25km,mb4.2/8, Error ellipse: s-maj=12.2km s-min=8.7km az=188.0

ISC 25 23:47:05.6,0.7,19.45S;0.09;167.97E;0.10,h26km,n20, o=1900/20,mb4.1/10,Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, HNR, etc.

KIV	KIV	comp=Z,44nm,18.5s,slow=40	78.70 314 eP	P	00 12 59.2 +2.9
KIV	Kislovodsk			pmax	
KIV	comp=Z,24nm,1.0s	78.70 314 eP	P	00 12 58.4 +2.1	
SLMT	Seeley Lake	comp=Z,20nm,0.9s	78.77 43 eP	P	00 12 56.8 0.0
GNI	Garni	comp=Z,9.9nm,1.1s	79.03 309j eP	pmax	00 13 00.4 +2.1
MFID	Camas Ranch	comp=Z,35nm,1.0s	79.07 47 eP	P	00 12 59.1 +0.8
BMN	Battle Mountai	comp=Z,2.1nm,1.3s	79.49 50 eP	pmax	00 13 01.5 +0.7
BMN	Battle Mountai	comp=Z,1.7nm,1.4s	79.49 50 eP	P	00 13 01.5 +0.7
NV01	Mina Array Sit	comp=Z,1.7nm,1.4s	79.53 52 eP	P	00 13 01.6 -0.1
NVAR	Mina Array Bea	comp=Z,8.1nm,1.0s,baz=276,slow=6.0,SNR=21	79.63 52 eP	P	00 13 01.6 -0.1
VSU	Vasula	comp=Z,2.86nm,1.2s	79.78 331ceP	pmax	00 13 03.0 +1.3
HLID	Hailey	comp=Z,3.8nm,0.9s	79.92 46 eP	P	00 13 03.2 +0.1
LRM	Limekiln Ridge	comp=Z,9.1nm,0.8s	80.08 43 eP	P	00 13 04.5 +0.5
YES	Vestal, Richgr	comp=Z,2.1nm,1.3s	80.22 55 eP	P	00 13 04.0 -0.7
SUMG	Summit	comp=Z,123nm,2.3s	80.46 1 eP	pmax	00 13 06.4 +0.7
SUMG	Summit	comp=Z,13nm,1.0s	80.46 1 i P	P	00 13 06.6 +0.9
SUMG	Summit	comp=Z,123nm,2.3s	80.46 1 eP	P	00 13 06.4 +0.7
EGMT	Eagleton	comp=Z,4.7nm,1.8s	80.60 41 eP	P	00 13 06.0 -0.5
EGMT	Eagleton	comp=Z,4.7nm,1.8s	80.60 41 eP	P	00 13 07.0 +0.5
BOZ	Bozeman (W)	comp=Z,9.0nm,1.1s	80.66 43 eP	pmax	00 13 07.3 +0.3
BOZ	Bozeman (W)	comp=Z,8.6nm,1.1s	80.66 43 eP	pmax	00 13 07.7 +0.6
ELK	Elko	comp=Z,103nm,1.0s	80.69 49 eP	pmax	00 13 07.4 0.0
ELK	Elko	comp=Z,103nm,1.0s	80.69 49 eP	P	00 13 07.4 0.0
FFC	Flin Flon	comp=Z,12nm,0.9s	81.09 32 eP	pmax	00 13 09.4 +0.5
FFC	Flin Flon	comp=Z,7.8nm,1.0s,SNR=7.5	81.09 32 eP	P	00 13 09.0 +0.1
FFC	Flin Flon	comp=Z,12nm,0.9s	81.09 32 eP	pmax	00 13 09.4 +0.5
DAC	Darwin (Calif)	comp=Z,115nm,2.9s	81.11 54 eP	pmax	00 13 09.7 +0.1
DAC	Darwin (Calif)	comp=Z,115nm,2.9s	81.11 54 eP	P	00 13 09.7 +0.1
MPMC	Manual Prospec	comp=Z,297,SNR=8.1	81.28 54 eP	P	00 13 09.9 -0.7
LRMC	Laurel Mountai	comp=Z,297,SNR=7.8	81.40 55 eP	P	00 13 10.5 -0.6
EDW2	Edwards Air Fo	comp=Z,297,SNR=8.2	81.45 55 eP	P	00 13 10.9 -0.5
R11A	Troy Canyon, C	comp=Z,7.6nm,1.0s	81.57 51 eP	P	00 13 11.5 -0.5
R11A	Troy Canyon, C	comp=Z,7.6nm,1.0s	81.57 51 eP	P	00 13 12.4 +0.4
YNR	Norris Junctio	comp=Z,5nm,1.3s	81.74 44 eP	P	00 13 15.1 +2.4
YFT	Old Faithful	comp=Z,18nm,1.1s	81.74 44 eP	P	00 13 16.1 +3.1
TPNV	Topopah Spring	comp=Z,11nm,1.0s	81.76 53 eP	pmax	00 13 13.1 +0.1
TPNV	Topopah Spring	comp=Z,11nm,1.0s	81.76 53 eP	pmax	00 13 12.6 -0.4
TPNV	Topopah Spring	comp=Z,11nm,1.0s	81.76 53 eP	P	00 13 13.1 +0.1
HVU	Hansel Valley	comp=Z,12nm,1.3s	81.83 47 eP	pmax	00 13 14.3 +1.0
HVU	Hansel Valley	comp=Z,12nm,1.3s	81.83 47 eP	P	00 13 14.3 +1.0
NACGM	Naroch	comp=Z,12nm,1.3s	81.86 329 e P	P	00 13 13.0 0.0
H17A	Grant Village	comp=Z,2.1nm,1.2s	81.93 44 eP	P	00 13 16.3 +2.3
H17A	Grant Village	comp=Z,2.1nm,1.2s	81.93 44 eP	P	00 13 16.5 +2.5
IMW	Indian Meadow	comp=Z,1.2nm,0.9s	81.96 45 eP	P	00 13 15.4 +1.3
SCO	Scoresbysund	comp=Z,7.0nm,1.0s	82.00 355 i P	pmax	00 13 15.1 +1.7
SCO	Scoresbysund	comp=Z,7.0nm,1.0s	82.00 355 i P	P	00 13 15.1 +1.7
FLWY	Flagg Ranch	comp=Z,7.0nm,1.0s	82.01 44 eP	P	00 13 16.0 +1.7
FXWY	Fox Creek	comp=Z,8.7nm,1.1s	82.03 45 eP	P	00 13 15.5 +1.0
BGU	Big Grassy Mow	comp=Z,9.1nm,1.2s	82.08 48 eP	P	00 13 15.5 +0.8
GSC	Goldstone	comp=Z,9.0nm,1.0s	82.12 54 eP	pmax	00 13 15.1 +0.2
GSC	Goldstone	comp=Z,9.0nm,1.0s	82.12 54 eP	P	00 13 14.4 -0.5
GSC	Goldstone	comp=Z,9.1nm,1.0s	82.12 54 eP	P	00 13 15.1 +0.2
MOOV	Moose Ponds	comp=Z,9.9nm,1.1s	82.15 45 eP	P	00 13 16.1 +1.0
SHOC	Shoshone	comp=Z,2.1nm,1.3s	82.22 54 eP	P	00 13 15.2 -0.1
LOHW	Long Hollow	comp=Z,9.0nm,1.1s	82.31 45 eP	P	00 13 16.8 +0.9
RLMT	Red Lodge	comp=Z,2.1nm,1.3s	82.37 43 eP	P	00 13 16.7 +0.5
RLMT	Red Lodge	comp=Z,2.1nm,1.3s	82.37 43 eP	P	00 13 17.3 +1.2
AHID	Auburn Hatcher	comp=Z,9.9nm,1.0s	82.42 46 eP	P	00 13 17.0 +0.6
DUG	Dugway	comp=Z,2.1nm,1.3s	82.58 49 eP	P	00 13 17.3 0.0
MURC	Murrieta	comp=Z,2.1nm,1.3s	82.62 56 eP	P	00 13 16.2 -1.2
TUQ	Turquoise Moun	comp=Z,2.1nm,1.3s	82.70 54 eP	P	00 13 18.0 +0.1
HWUT	Hardware Ranch	comp=Z,2.1nm,1.3s	82.70 47 eP	P	00 13 18.3 +0.3
CTU	Camp Tracy	comp=Z,1.8nm,1.3s	83.04 48 eP	P	00 13 20.4 +0.8
DPP	Dos Picos City	comp=Z,1.8nm,1.3s	83.09 57 eP	P	00 13 20.4 +0.5
AKASG	Malin Array Be	comp=Z,2.1nm,1.3s	83.12 324 i P	pmax	00 13 18.9 -0.7
AKASG	Malin Array Bea	comp=Z,2.1nm,1.3s	83.12 324 i P	pmax	00 13 18.9 -0.7
KIEV	Kiev	comp=Z,5.0nm,0.7s	83.13 324j eP	pmax	00 13 19.5 -0.2
KIEV	Kiev	comp=Z,10.0nm,1.0s	83.13 324j eP	pmax	00 13 19.5 -0.2
AK11	Malin Array Si	comp=Z,5.0nm,0.7s	83.16 324 eP	P	00 13 19.9 +0.1
PFO	Pinyon Flat Ob	comp=Z,6.0nm,0.8s	83.17 56 eP	pmax	00 13 20.0 -0.4
PFO	Pinyon Flat Ob	comp=Z,6.0nm,0.8s	83.17 56 eP	P	00 13 19.9 -0.4
PFO	Pinyon Flat Ob	comp=Z,6.0nm,0.8s	83.17 56 eP	P	00 13 20.0 -0.4
NLU	North Lily Min	comp=Z,4.1nm,0.8s	83.19 49 eP	P	00 13 20.9 +0.4
GMRC	Granite Mounta	comp=Z,2.1nm,1.3s	83.20 54 eP	P	00 13 20.3 -0.3
BELC	Belle Mtn. Jos	comp=Z,2.1nm,1.3s	83.32 55 eP	P	00 13 20.8 -0.4
BW06	Boulder Array	comp=Z,3.0nm,1.1s	83.40 45 eP	P	00 13 21.5 -0.1
BW06	Boulder Array	comp=Z,3.0nm,1.1s	83.40 45 eP	P	00 13 21.3 -0.3
PDAR	Pinedale Array	comp=Z,3.8nm,0.9s,baz=262,slow=2.7,SNR=20	83.40 45 eP	P	00 13 21.4 -0.1

PDAR	Maple Canyon	comp=Z,132nm,21.9s,baz=24,slow=32	83.45 48 eP	LR	00 44 58.0
MPU	Landfair	comp=Z,34nm,2.1s	83.45 54 eP	P	00 13 22.1 +0.3
LDFC	Landfair	comp=Z,12nm,0.9s	83.53 45 eP	P	00 13 22.1 +0.2
MONP	Monument Peak	comp=Z,2.1nm,1.3s	83.53 56 eP	P	00 13 21.9 -0.5
IRM	Iron Mountain	comp=Z,2.1nm,1.3s	83.86 55 eP	P	00 13 23.6 -0.3
NB2	NORSAR Subarra	comp=Z,8.0nm,1.1s,baz=42,slow=4.8	83.87 339 e P	P	00 13 23.0 -0.4
NOA	NORSAR Array B	comp=Z,3.1nm,1.0s,baz=47,slow=4.6,SNR=6.3	83.87 339 e P	P	00 13 23.0 -0.4
NOA	NORSAR Array B	comp=Z,3.1nm,1.0s	83.87 339 e P	pmax	00 13 23.0 -0.4
BC3	Big Chuckawall	comp=Z,3.0nm,1.0s	83.88 55 eP	pmax	00 13 23.9 -0.2
IBP	Imperial Blvd	comp=Z,2.1nm,1.3s	83.88 57 eP	P	00 13 23.5 -0.6
SUW	Suwalki	comp=Z,2.1nm,1.3s	84.07 329 eP	P	00 13 24.3 -0.1
SUW	Suwalki	comp=Z,2.1nm,1.3s	84.07 329 eP	P	00 13 24.0 0.0
TMUT	Trail Mountain	comp=Z,2.1nm,1.3s	84.10 49 eP	P	00 13 26.0 +0.7
B25A	Knox Farm, Ray	comp=Z,2.1nm,1.3s	84.19 38 eP	P	00 13 25.5 +0.4
MALT	Malatya	comp=Z,2.1nm,1.3s	84.22 310 i P	P	00 13 27.7 +2.0
MALT	Malatya	comp=Z,2.1nm,1.3s	84.22 310 i P	P	00 13 27.7 +2.0
Y12C	Blythe	comp=Z,2.1nm,1.3s	84.52 55 eP	P	00 13 27.0 -0.1
GLA	Glamis	comp=Z,12nm,1.4s	84.63 56 eP	pmax	00 13 28.0 +0.2
GLA	Glamis	comp=Z,12nm,1.4s	84.63 56 eP	P	00 13 28.0 +0.2
GLA	Glamis	comp=Z,12nm,1.4s	84.63 56 eP	P	00 13 28.0 +0.2
SRU	San Rafael	comp=Z,11nm,0.7s	84.65 49 eP	pmax	00 13 23.7 -4.3
SRU	San Rafael	comp=Z,11nm,0.7s	84.65 49 eP	pmax	00 13 23.7 -4.3
D25A	Fairfield	comp=Z,2.1nm,1.3s	84.74 39 eP	P	00 13 29.0 +0.9
K22A	Casper	comp=Z,8.7nm,0.8s	85.36 44 eP	P	00 13 31.3 -0.1
K22A	Casper	comp=Z,8.7nm,0.8s	85.36 44 eP	P	00 13 31.9 +0.5
A28A	Rude Farm, Bot	comp=Z,2.1nm,1.3s	85.37 36 eP	P	00 13 31.2 0.0
SFJD	Kangerlussuaq	comp=Z,2.3nm,1.0s	85.48 5 i P	pmax	00 13 31.7 +0.4
SFJD	Kangerlussuaq	comp=Z,2.3nm,1.0s	85.48 5 i P	pmax	00 13 31.7 +0.4
SFJD	Kangerlussuaq	comp=Z,2.3nm,1.0s	85.48 5 eP	P	00 13 32.4 +1.1
B28A	Dugan Ranch, T	comp=Z,2.1nm,1.3s	85.60 37 eP	P	00 13 32.5 +0.2
E26A	Carlson Angus	comp=Z,2.1nm,1.3s	85.61 39 eP	P	00 13 32.8 +0.3
O20A	White River Ci	comp=Z,2.1nm,1.3s	85.62 47 eP	P	00 13 32.1 -0.7
O20A	White River Ci	comp=Z,2.1nm,1.3s	85.62 47 eP	P	00 13 33.0 +0.2
D27A	Center	comp=Z,2.1nm,1.3s	85.76 38 eP	P	00 13 33.5 +0.0
F26A	Lodgepole	comp=Z,2.1nm,1.3s	85.85 40 eP	P	00 13 33.7 0.0
WUWAZ	Wupatki	comp=Z,3.0nm,2.6s	85.89 52 eP	P	00 13 34.1 -0.2
WUWAZ	Wupatki	comp=Z,3.0nm,2.6s	85.89 52 eP	P	00 13 34.4 +0.1
A29A	Manning Farm,	comp=Z,2.1nm,1.3s	85.91 36 eP	P	00 13 34.3 +0.5
H25A	Fruitdale	comp=Z,2.1nm,1.3s	86.02 41 eP	P	00 13 35.1 +0.5
RAYN	Ar Rayn	comp=Z,1.63nm,1.1s,SNR=16	86.03 294 P	P	00 13 35.0 0.0
RSSD	Black Hills	comp=Z,2.66nm,2.6s	86.05 42 eP	pmax	00 13 35.0 +0.1
RSSD	Black Hills	comp=Z,2.66nm,2.6s	86.05 42 eP	pmax	00 13 34.1 -0.8
RSSD	Black Hills	comp=Z,2.66nm,2.6s	86.05 42 eP	P	00 13 35.0 +0.1
F27A	Lemmon	comp=Z,2.1nm,1.3s	86.21 40 eP	P	00 13 35.4 -0.1
G26A	Maurine	comp=Z,2.1nm,1.3s	86.22 40 eP	P	00 13 34.5 -1.0
I25A	Rocheford	comp=Z,3.0nm,2.6s	86.29 42 eP	P	00 13 35.3 -0.7
A30A	Hoffart Farm,	comp=Z,2.1nm,1.3s	86.38 36 eP	P	00 13 35.8 -0.3
G27A	Dupe	comp=Z,2.1nm,1.3s	86.55 40 eP	P	00 13 35.8 -1.4
214A	Organ Pipe Nat	comp=Z,2.1nm,1.3s	86.65 56 eP	P	00 13 37.6 -0.3
BRTR	Keskin Array B	comp=Z,5.4nm,1.0s,baz=83,slow=2.9,SNR=20	86.66 313 eP	pmax	00 13 37.5 -0.4
BRTR	Keskin Array B	comp=Z,5.4nm,1.0s	86.66 313ceP	pmax	00 13 37.5 -0.4
B30A	Myrvik Farm, E	comp=Z,5.0nm,1.0s	86.67 36 eP	P	00 13 37.3 -0.3
N23A	Red Feather La	comp=Z,2.1nm,1.3s	86.68 45 eP	P	00 13 36.6 -1.5
N23A	Red Feather La	comp=Z,2.1nm,1.3s	86.68 45 eP	P	00 13 39.2 +1.0
PHWY	Pilot Hill	comp=Z,7.1nm,1.1s	86.76 45 eP	P	00 13 39.4 +0.8
ULM	Lac du Bonnet	comp=Z,4.1nm,1.0s,baz=326,slow=4.6,SNR=4.5	86.78 34 eP	LR	00 13 36.5 -1.6
ULM	Lac du Bonnet	comp=Z,4.1nm,1.0s	86.78 34 eP	LR	00 54 02.5
ULM	Lac du Bonnet	comp=Z,4.1nm,1.0s	86.78 34 eP	pmax	00 13 36.5 -1.6
ULM	Lac du Bonnet	comp=Z,4.1nm,1.0s	86.78 34 eP	pmax	00 13 36.5 -1.6
H27A	Hoves	comp=Z,7.5nm,19.2s	86.90 41 eP	P	00 13 37.6 -1.3
F28A	McLaughlin	comp=Z,2.1nm,1.3s	86.91 39 eP	P	00 13 38.8 -0.1
SMCO	Snowmass	comp=Z,2.1nm,1.3s	86.96 47 eP	P	00 13 40.1 +0.4
TESR	Tescan	comp=Z,2.1nm,1.3s	86.97 322j P	P	00 13 38.7 -0.4
MVCO	Mesa Verde	comp=Z,2.1nm,1.3s	87.00 49 eP	P	00 13 3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MNTX Cornudas Mount, K36A Gilmore City, P33A Williams Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXZ Oxford, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KWAJ Kwajalein Atol, ARPS Mount Arapiles, TAU Tasmania Univ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, KRBR Kerman, NAZ Nazwa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DSN 26 00:09:13.0, CSEM 26 00:09:14.7, THR 26 00:09:16.7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KWAJ Kwajalein Atol, ARPS Mount Arapiles, TAU Tasmania Univ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like MAW, CM01, CHTO, CD2, HHC, LZH, SONM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like BMN, A04D, B05A, J08A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like GUMO, IDC 26 00:24:55.0, etc.

26d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LON Longmire, 214A Organ Pipe Nat, G06A Carlson Farm, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WMQ comp=Z,160nm,5.1s, WMQ comp=Z,230nm,19.3s, etc.

1562

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NATX comp=Z,2um,19.0s, EKS2 Erkin-Say, etc.

26 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FKX Fakeheh, MARH Ras Al Marh, ROOS Ilalroos, etc.

IDC 26 01:06:07.8:2.9, 19.78Sx168.47E, h0km, mb4.4/2, mb1.4/6/2, mb1mx3.8/42, mbtmp4.4/2, ML3.2/1, Error ellipse: s-maj=88.0km s-min=40.6km az=133.0

NEIC 26 01:06:08.5:1.2, 19.84Sx168.55E, h10km, mb4.7/5, Error ellipse: s-maj=24.0km s-min=16.3km az=122.0

ISC 26 01:06:12.5:2.3, 20.0Sx2.02:168.3E:0.3, h25km, n10, s1611/11, mb4.7/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTAO Charters Tower, PMG Port Moresby, etc.

IDC 26 01:12:00.6:0.6, 6.19:44Sx168.04E, h0km, mb4.4/16, MS3.9/8, MS1.3/9.8, ms1mx3.5/36, Error ellipse: s-maj=20.9km s-min=15.6km az=128.0

BGR 26 01:12:02.5:2.0, 65.168Sx168.93E, h33km

NEIC 26 01:12:02.3:0.3, 19.145Sx168.06E, h10km, mb4.8/16, Error ellipse: s-maj=7.7km s-min=7.3km az=129.0

ISCJB 26 01:12:03.2:0.4, 19.46Sx168.03E:0.06, h26km, mb4.6/28, MS3.8/7, Error ellipse: s-maj=8.7km s-min=6.8km az=27.9

AUST 26 01:12:19.4, 19.98Sx167.35E, h100km

ISC 26 01:12:04.0:0.4, 19.45Sx167.05E:0.09, h26km, n92, s105/85, mb4.7/28, MS3.8/7, 3C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM DZM, MSFV Nonsavu, etc.

2010 DEC

Table with columns: STKA, Station Name, Az, Phase ID, Time, Res. Includes stations like Stephens Creek, WRAB Tennant Creek, WRA Warrungana Arr, etc.

IDC 26 01:15:14.1:0.7, 13.68Nx120.44E, h0km, mb4.0/14, mb1.4/2/14, mb1mx3.8/64, mbtmp4.0/14, Error ellipse: s-maj=34.0km s-min=16.0km az=68.0

NEIC 26 01:15:15.7:0.4, 13.67Nx120.48E, h10km, mb4.4/5, Error ellipse: s-maj=10.9km s-min=7.5km az=88.0

MAN 26 01:15:21.1:3.0N:120.10E, h34km, mb4.8, ML3.7, MS3.8

ISC 26 01:15:20.0:0.8, 13.53N:120.04E:120.01E:0.05, h36km, n1km, n43, s138/51, mb4.2/18, 4C-2D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUBP Lubang, PGP Puerto Galera, TGY Tagaytay City, etc.

1564

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOP Guinayangan, GOP Baler, BALP Baler, etc.

IDC 26 01:19:56.2:1.0, 9.78N:126.08E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.6/56, mbtmp3.8/7, Error ellipse: s-maj=79.3km s-min=19.1km az=75.0

MAN 26 01:20:01.9:7.4N:126.35E, h4km, mb4.6, ML3.5, MS3.4

ISC 26 01:19:58.3:2.1, 9.76N:126.04E:126.51E:0.09, h5km, n12km, n20, s107/18, mb3.7/7, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH Surigao, SCPH Butuan, BUTP Butuan, etc.

IDC 26 01:21:22.1:1.1, 19.87Sx167.97E, h0km, mb4.3/9, mb1.4/4/11, mb1mx4.1/41, mbtmp4.3/7, Error ellipse: s-maj=30.9km s-min=23.0km az=147.0

NEIC 26 01:21:23.9:0.4, 19.84Sx167.88E, h10km, mb4.2/2, Error ellipse: s-maj=11.7km s-min=9.4km az=164.0

ISCJB 26 01:21:24.8:0.6, 19.92Sx167.91E:0.08, h27km, mb4.1/9, Error ellipse: s-maj=12.3km s-min=8.5km az=45.6

ISC 26 01:21:26.0:0.6, 19.93Sx167.98E:0.09, h27km, n19, s095/21, mb4.2/8, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM DZM, MSFV Nonsavu, etc.

1565

0.4nm,0.6s,baz=35,slow=3.6,SNR=6.1
BFO Black Forest 147.30 335 ePKPbc PKPbc 01 41 06.1 -1.0
BFO 01 41 06.1 -0.2

ISCJB 26 01:24:57.5:0.6,33.76N:0.09:137.11E:0.08,h400km,
mb2.0/4, Error ellipse: s-maj=13.7km s-min=6.9km
az=149.1

JMA 26 01:24:58.1:0.4,33.67N:137.10E,h392km,4km,M3.3
IDC 26 01:24:58.1:0.2,33.69N:137.01E,h377km,12km,mb2.7/4,
s-maj=2.97,mb1mx2.7/59,mbtmp3.5/7, Error ellipse:
s-maj=23.1km s-min=21.3km az=132.0

ISC 26 01:24:58.8:1.0,33.8N:0.1:137.07E:0.08,h400km,n24,
e174/30,mb2.9/4,Near south coast of eastern Honshu
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Ise, Kozaga, Kouya, Wachi, Shimob, Aioi, Odawara 2, Monobe, Ryogami san, Matsushiro, Matsushiro Arr, Ashika, Boshiko, Saijo, Tosashimizu, Nagahama, Nakatsu, Korea Array, Makanchi Array, Kuruchot Arr, Warramunga Arr, Pineda4 Arr, Torodi Arr, Bea.

IDC 26 01:25:28.4:0.8,19.81S:168.21E,h0km,mb4.3/12,
mb1 4.5/4,mb1mx4.2/41,mbtmp3.1/4,ML3.8/2,MS3.8/7,
Ms1 3.8/7,ms1mx3.3/44, Error ellipse: s-maj=22.4km
s-min=19.2km az=149.0

NEIC 26 01:25:30.3:0.4,19.83S:168.21E,h10km,mb4.7/9, Error
ellipse: s-maj=10.5km s-min=9.7km az=193.0

ISCJB 26 01:25:31.7:0.4,19.91S:0.06:168.09E:0.07,h27km,
mb4.5/18,MS3.7/5, Error ellipse: s-maj=10.1km
s-min=7.8km az=136.6

BGR 26 01:25:31.9,20.26S:169.92E,h33km
ISC 26 01:25:32.5:0.6,19.94S:0.09:168.2E:0.1,h27km,n45,
e177/35,mb4.6/17,MS3.7/5, Vanuatu Islands
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DZM, MSVF, RAO, OUZ, URZ, AFI, CTA, PMG, STKA, STKA, WRAB, WRA, ASAR, ASAR, TBI, PPT2, FITZ, LUWI, VYND, GSPA, KULM, CMAR, ULN, SONM, NVAR, ILAR, Eielson Array, WVOR, TUC, TXAR, YKA, LSZ, CAUT, PLN, GUNZ, MOB, TRIX, IBBN, KHC, GEC2.

2010 DEC

baz=38,slow=3.1
GERES GRESS Array B 144.63 331 PKP PKPdf 01 45 06.0 -0.7
1.1nm,0.9s,baz=28,slow=3.8,SNR=6.7

GRF Grafenberg Arr 145.10 334 ePKPbc PKPdf 01 45 07.8 +0.4
baz=38,slow=3.1

BFO Black Forest 147.30 335 ePKPbc PKPbc 01 45 13.8 +0.1
BALST Balsthal 148.40 344 ePKPbc PKPbc 01 45 16.5 -0.1

TORD Torodi Arr, Bea 165.24 244 PKP PKPdf 01 45 35.7 +0.3
0.8nm,1.0s,baz=338,slow=3.1,SNR=3.2

TORD 0.6nm,1.0s,baz=131,slow=4.3,SNR=3.9
PKPab PKPdf 01 46 33.7 +0.1

ISCJB 26 01:37:25.1:1.0,27.29N:0.09:143.8E:0.2,h10km,
mb3.6/3, Error ellipse: s-maj=20.2km s-min=13.6km
az=179.1

IDC 26 01:37:25.5:1.1,27.27N:143.79E,h0km,mb3.6/6,
mb1 3.8/9,mb1mx3.5/64,mbtmp3.7/9,ML3.4/3, Error
ellipse: s-maj=27.7km s-min=19.2km az=85.0

ISC 26 01:37:26.9:1.2,27.3N:0.1:143.7E:0.2,h10km,n10,
e123/10,mb3.7/6,Bonin Islands region
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JCJ, MJAR, KSRS, ASAJ, MKAR, ASAR, KURBB, BVAR, YKA.

IDC 26 01:40:52.5:1.1,19.83S:168.23E,h0km,mb4.2/10,
mb1 4.4/11,mb1mx4.2/33,mbtmp4.2/11,ML3.8/1,MS3.6/7,
Ms1 3.6/7,ms1mx3.3/31, Error ellipse: s-maj=45.0km
s-min=18.5km az=150.0

NEIC 26 01:40:53.5:0.5,19.87S:168.26E,h10km,mb4.6/6, Error
ellipse: s-maj=21.1km s-min=9.0km az=152.0

ISCJB 26 01:40:54.6:0.7,20.0S:0.1:168.2E:0.1,h25km,mb4.3/13,
MS3.5/6, Error ellipse: s-maj=21.1km s-min=8.9km
az=44.9

ISC 26 01:40:55.9:0.8,20.0S:0.2:168.3E:0.2,h25km,n34,
e122/27,mb4.3/13,MS3.5/6, Loyalty Islands
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DZM, DZM, DZM, MSVF, AFI, CTA, CTA, QLP, CMSA, STKA, STKA, STKA, WRAB, WRA, ASAR, ASAR, MTN, WRKA, TBI, PPT2, FITZ, FITZ, ILAR, WVOR, TUC, TXAR, YKA.

IDC 26 01:43:34.1:1.0,33.80N:70.04E,h0km,mb4.0/1,
mb1 3.6/5,mb1mx3.4/8,mbtmp3.6/5,ML2.6/3, Error
ellipse: s-maj=173.2km s-min=42.7km az=162.0

NNC 26 01:44:08.4:2.1,36.49N:69.15E,h149km,52km,mb2.9,
mpv3.7, Error ellipse: s-maj=19.8km s-min=11.7km
az=27.0

ISC 26 01:44:04.9:2.9,36.3N:0.2:69.0E:0.1,h100km,n10,
e124/13,5C-3D,Hindu Kush region
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MNAS, MNAS, KK31, AAK, AAK, AAK.

26d 1h

1.4nm,0.3s,baz=200,slow=6.6,SNR=22
AAK 0.4nm,0.3s,baz=141,slow=22,SNR=6.1 Sn 01 47 14.8 -2.8

TKM2 Tokmak 2 8.33 36 U P Pn 01 46 02.8 -0.1
3.5nm,0.5s

GEYT Alibek 8.85 284 Pn Pn 01 46 06.3 -3.7
0.1nm,0.3s,baz=112,slow=11,SNR=2.3

GEYT 0.3nm,0.3s,baz=64,slow=43,SNR=3.2 Sn 01 47 46.7 -1.2

MKAR Makanchi Array 14.42 39 Pn Pn 01 47 20.3 -3.8
0.0nm,0.3s,baz=221,slow=17,SNR=2.6

AB31 Akbulak array 14.53 36 U P Pn 01 47 25.4 0.0
4.0nm,0.5s

KURBB Kurchatov Arra 15.86 23 Pn Pn 01 47 44.9 +0.9
0.0nm,0.3s,baz=211,slow=11,SNR=5.8

ZALV Zeleno Beam 20.78 27 P P 01 48 37.5 -0.2
2.3nm,0.4s,baz=220,slow=11,SNR=16

IDC 26 01:50:28.6:4.5,23.84N:96.46E,h0km,mb3.3/3,
mb1 3.5/3,mb1mx3.1/61,mbtmp3.3/3, Error ellipse:
s-maj=47.43km s-min=27.0km az=59.0,Myanmar
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MKAR, WRA, ASAR.

IDC 26 01:50:34.8:1.0,19.45S:168.13E,h0km,mb4.1/7,
mb1 4.3/8,mb1mx4.0/27,mbtmp4.0/8,ML3.4/1, Error
ellipse: s-maj=36.9km s-min=23.1km az=138.0

NEIC 26 01:50:36.0:0.4,19.44S:168.15E,h10km,mb4.6/7, Error
ellipse: s-maj=16.1km s-min=10.3km az=153.0

ISCJB 26 01:50:37.6:0.5,19.46S:0.08:168.02E:0.09,h26km,
mb4.2/13, Error ellipse: s-maj=14.9km s-min=8.2km
az=42.8

ISC 26 01:50:38.5:0.6,19.5S:0.1:168.1E:0.1,h26km,n26,
e119/25,mb4.3/13,1Y, Vanuatu Islands
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DZM, DZM, MSVF, AFI, PMG, WRA, ASAR, FITZ, GSPA, SYO, SONM, SNA, NVAR, ILAR, WVOR, COLD, TXAR, YKA, ABKAR, SAMIL, KMB, KHC, GERES, WLF, TAM.

JMA 26 01:54:12.9:0.2,43.34N:147.24E,h44km,M3.2
SKHL 26 01:54:15.8:0.3,43.33N:147.09E,h29km,1km,mb4.5/3
ISC 26 01:54:15.6:2.5,43.4N:0.1:147.04E:0.09,h24km,n8,
e091/12,Kuril Islands
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SHO, SHO, NEM2, YUK, YUK, YUK, JRA, JNK, KUR, KUR, KUR, KUR, YSS.

IGQ 26 01:58:23.0:5.1,64S:77.78W,h4km,42km,MB4.2, Error
ellipse: s-maj=2.9km s-min=1.8km az=214.3

ISCJB 26 01:58:25.8:0.3,1.59S:0.04:77.50W:0.05,h181km,
mb3.6/12, Error ellipse: s-maj=7.2km s-min=5.0km
az=164.8

IDC 26 01:58:26.1:1.5,1.54S:77.58W,h188km,16km,mb3.4/12,
mb1 3.6/18,mb1mx3.5/45,mbtmp4.0/18, Error ellipse:
s-maj=18.0km s-min=10.9km az=62.0

ISC 26 01:58:25.6:0.5,1.65S:0.05:77.61W:0.05,h181km,n58,
e136/59,mb3.7/12,7C-6D,Ecuador
az=179.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ULBA, ULBA, ULBA, BRUN, BPAT, PATI, RUNS, ARRY, RETU, BMAS, JUI6, BBIL, PISA, IGUA, TAMB, BMOR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTAM Cotopaxi Volca, BVCC Cotopaxi Volca, VC1 Cotopaxi 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BGD Bogdanovka, BGD BGD, AKH Akhalkalaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vanuatu Islands, DZM Mont Dzumac, DZM 132nm,0.3s, etc.

ISC 26 02:00:02.7-0.9, 19.435x168.02E, h0km, mb4.2/11, mb1.4, 3/12, mb1mx4.1/27, mbtmp4.2/12, ML3.8/1, MS3.1/1, Ms1.3.1/1, ms1mx2.8/40, Error ellipse: s-maj=24.1km, s-min=20.3km, az=94.0

NEIC 26 02:00:04.1-0.4, 19.455x167.99E, h10km, mb4.6/9, Error ellipse: s-maj=10.8km, s-min=9.7km, az=181.0

ISC 26 02:00:06.8-0.5, 19.545x168.732E, h0.8, h26km, n32, s129.2/9m, mb4.4/15, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 132nm,0.3s, etc.

BUI 26 02:13:34.2, 19.845x168.63E, h13km, mb5.3/66, mb5.7/72, Mb=5.3/72, Ms=5.3/72

ISCJB 26 02:13:35.7-0.1, 19.655x168.002E, h168.19E, 0.02, h10km, mb5.6/261, MS5.7/304, Error ellipse: s-maj=3.2km, s-min=2.6km, az=151.3

ISC 26 02:13:35.5-0.3, 19.725x168.28E, h0km, mb5.2/28, mb1.5, 3/31, mb1mx2.3/38, mbtmp5.2/31, ML4.8/3, MS5.4/30, Ms1.5, 4/30, ms1mx5.3/42, Error ellipse: s-maj=12.1km, s-min=11.5km, az=87.0

NEIC 26 02:13:37.0-0.0, 19.665x167.80E, h15km, Moment Tensor Solution, s9 Moment tensor: Scale 10^17Nm; Mn=3.79; Mw=1.65; Mxx=1.2; Mxy=0.66; Myx=5.84; Mzz=5.84; Best double couple: M=6.70000x10^17, NP1=1.1x10^17, 0.00000, 0.77, 0.00000, -1.83, 0.00000; NP2=1.62, 0.00000, 0.14, 0.00000, -1.17, 0.00000; Principal axes: T=5.7500, P1g32.0000, Azm95.0000; N=1.9600, P1g7.0000; Azm190.0000; P=7.7100, P1g57.0000; Azm290.0000;

NEIC 26 02:13:37.7-0.1, 19.625x168.28E, h13km, mb5.8/180, ME5.8, MS5.7/254, MW5.8, MW6.0 Error ellipse: s-maj=3.6km, s-min=3.1km, az=140.0 Best double couple: NP1=0.334, 0.00000, 0.85, 0.00000, -1.02, 0.00000; NP2=0.22, 0.00000, 0.13, 0.00000, -1.25, 0.00000; Principal axes: T=1.1600, P1g39.0000; Azm74.0000; N=0.0500, P1g2.0000; Azm335.0000; P=1.1, 1.100, P1g49.0000; Azm231.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

NEIC Felt at Noumea, New Caledonia. GCMT 26 02:13:37.7-0.1, 19.585x168.12E, h12km, MW5.7/128, Moment Tensor Solution, s111 c202; s128, c261; Duration: 157 Moment tensor: Scale 10^17Nm; Mn=2.19x10^17; Mw=1.30x10^17; Mxx=3.43x10^17; Mxy=0.4x10^17; Myx=0.56x10^17; Mzz=2.46x10^17; Best double couple: M=4.39800x10^17, NP1=0.326, 0.00000, 0.73, 0.00000, -1.17, 0.00000; NP2=0.205, 0.00000, 0.32, 0.00000, -1.35, 0.00000; Principal axes: T=4.6420, P1g23.0000; Azm76.0000; N=0.4870, P1g26.0000; Azm335.0000; P=-4.1500, P1g54.0000; Azm203.0000; nsta=1; body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

BGR 26 02:13:38.1, 20.495x169.36E, h33km, Ms5.5, MOS 26 02:13:39.8, 1.2, 19.635x168.26E, h33km, mb5.5/51, MS5.5/42, Error ellipse: s-maj=7.8km, s-min=7.2km, az=73.4

AUST 26 02:13:40.3, 1.4, 19.615x168.37E, h35km, 12km, Error ellipse: s-maj=8.7km, s-min=5.7km, az=67.0

ISC 26 02:13:39.2-0.2, 19.795x168.39E, h104.025, h25km, n1007, r136/892, mb5.7/260, MS5.7/303, 50C-24D,

ISC 26 02:13:34.2, 19.845x168.63E, h13km, mb5.3/66, mb5.7/72, Mb=5.3/72, Ms=5.3/72

ISCJB 26 02:13:35.7-0.1, 19.655x168.002E, h168.19E, 0.02, h10km, mb5.6/261, MS5.7/304, Error ellipse: s-maj=3.2km, s-min=2.6km, az=151.3

ISC 26 02:13:35.5-0.3, 19.725x168.28E, h0km, mb5.2/28, mb1.5, 3/31, mb1mx2.3/38, mbtmp5.2/31, ML4.8/3, MS5.4/30, Ms1.5, 4/30, ms1mx5.3/42, Error ellipse: s-maj=12.1km, s-min=11.5km, az=87.0

NEIC 26 02:13:37.0-0.0, 19.665x167.80E, h15km, Moment Tensor Solution, s9 Moment tensor: Scale 10^17Nm; Mn=3.79; Mw=1.65; Mxx=1.2; Mxy=0.66; Myx=5.84; Mzz=5.84; Best double couple: M=6.70000x10^17, NP1=1.1x10^17, 0.00000, 0.77, 0.00000, -1.83, 0.00000; NP2=1.62, 0.00000, 0.14, 0.00000, -1.17, 0.00000; Principal axes: T=5.7500, P1g32.0000, Azm95.0000; N=1.9600, P1g7.0000; Azm190.0000; P=7.7100, P1g57.0000; Azm290.0000;

NEIC 26 02:13:37.7-0.1, 19.625x168.28E, h13km, mb5.8/180, ME5.8, MS5.7/254, MW5.8, MW6.0 Error ellipse: s-maj=3.6km, s-min=3.1km, az=140.0 Best double couple: NP1=0.334, 0.00000, 0.85, 0.00000, -1.02, 0.00000; NP2=0.22, 0.00000, 0.13, 0.00000, -1.25, 0.00000; Principal axes: T=1.1600, P1g39.0000; Azm74.0000; N=0.0500, P1g2.0000; Azm335.0000; P=1.1, 1.100, P1g49.0000; Azm231.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

NEIC Felt at Noumea, New Caledonia. GCMT 26 02:13:37.7-0.1, 19.585x168.12E, h12km, MW5.7/128, Moment Tensor Solution, s111 c202; s128, c261; Duration: 157 Moment tensor: Scale 10^17Nm; Mn=2.19x10^17; Mw=1.30x10^17; Mxx=3.43x10^17; Mxy=0.4x10^17; Myx=0.56x10^17; Mzz=2.46x10^17; Best double couple: M=4.39800x10^17, NP1=0.326, 0.00000, 0.73, 0.00000, -1.17, 0.00000; NP2=0.205, 0.00000, 0.32, 0.00000, -1.35, 0.00000; Principal axes: T=4.6420, P1g23.0000; Azm76.0000; N=0.4870, P1g26.0000; Azm335.0000; P=-4.1500, P1g54.0000; Azm203.0000; nsta=1; body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

BGR 26 02:13:38.1, 20.495x169.36E, h33km, Ms5.5, MOS 26 02:13:39.8, 1.2, 19.635x168.26E, h33km, mb5.5/51, MS5.5/42, Error ellipse: s-maj=7.8km, s-min=7.2km, az=73.4

AUST 26 02:13:40.3, 1.4, 19.615x168.37E, h35km, 12km, Error ellipse: s-maj=8.7km, s-min=5.7km, az=67.0

ISC 26 02:13:39.2-0.2, 19.795x168.39E, h104.025, h25km, n1007, r136/892, mb5.7/260, MS5.7/303, 50C-24D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZR Kazreti, BGD Bogdanovka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BGR 26 02:13:38.1, MOS 26 02:13:39.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WZ Watahina Valley, CMAA Colaba, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CRLZ Canterbury Las, MILA Milia, MQZ McQueen's Vall, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, GENI Genyem, MTN Manton Dam, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like IGBI Denpasar, RKT Rikitea, POHA Pohakuola, etc.

1569

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TNA Tin City, YAK Yakutsk, KHMM Horse Mountain, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like J04D Umpqua Nation, RND Reindeer, I04A Tendick Farm, etc.

26d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MDM comp=Z,12nm,0.9s, G05D Wamic, COLA College, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like GTTG, MOX, CONA, IBBN, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like TIP, SENIN, BNL, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like STU, WLF, BFO, etc.

26d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOWE Korovin West, GANE Gareloi Northe, ILAR Eielson Array, etc.

AUST 26 02:48:27.2, 19:50S:168:94E, h10km
ISCJB 26 02:48:30.0, 19:68S:0:07:168:29E:0.06, h10km,
mb4.5/20, Error ellipse: s-maj=9.9km s-min=8.3km
az=159.6

IDC 26 02:48:30.5, 0.8, 19:69S:168:28E, h0km, mb4.5/15,
mb1.4/16, mb1mx4.4/35, mbtmp4.5/16, ML4.0/1, Error
ellipse: s-maj=21.8km s-min=17.1km az=100.0
NEIC 26 02:48:31.4, 0.3, 19:67S:168:36E, h10km, mb4.7/11, Error
ellipse: s-maj=25.1km s-min=8.4km az=173.0
BGR 26 02:48:33.1, 20.31S, 169:169E, h33km
ISC 26 02:48:34.0, 0.5, 19:75S:0:08:168:37E:0.09, h10km, n66,
c113/62, mb4.6/20, 2C, Vanuatu Islands

Main table for 26d 3h section, listing various seismic stations and their data points.

2010 DEC

IDC 26 02:55:23.0, 4.4, 19:58S:168:08E, h0km, mb3.8/3,
mb1.4/0.4, mb1mx3.7/39, mbtmp3.8/4, ML3.6/1, Error
ellipse: s-maj=98.1km s-min=40.6km az=111.0, Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

IDC 26 02:59:49.6, 1.4, 27:36E:143:41E, h0km, mb3.3/2,
mb1.3/7.3, mb1mx3.3/49, mbtmp3.4/3, ML3.4/1, Error
ellipse: s-maj=34.7km s-min=21.1km az=149.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, JCJ, MJAR Matsushiro Arr, etc.

IDC 26 03:01:32.5, 3.7, 19:65S:167:22E, h0km, mb3.5/3,
mb1.3/6.1, mb1mx3.5/42, mbtmp3.4/4, ML2.9/1, MS3.9/1,
Ms1.3/9.1, ms1mx3.0/20, Error ellipse: s-maj=76.6km
s-min=30.9km az=93.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

UPP 26 03:02:00.4, 0.3, 68:10N:19:81E, h5km, 2km, ML1.8,
Probable volcanic

IDC 26 03:02:00.3, 1.3, 68:01N:20:39E, h0km, mb1.3/0.3,
mb1mx2.8/49, mbtmp2.8/3, ML2.1/3, Error ellipse:
s-maj=22.1km s-min=7.4km az=128.0

HEL 26 03:02:00.3, 0.2, 68:10N:19:81E, h5km, 1km, ML1.6

ISC 26 03:01:59.5, 1.2, 68:13N:0:02:19:81E:0.03, h8km, 9gkm,
n30, c145/49, Northern Norway

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA Kuravaara, LANU Lannavaara, etc.

AREC 26 03:02:00.3, 1.3, 68:01N:20:39E, h0km, mb1.3/0.3,
mb1mx2.8/49, mbtmp2.8/3, ML2.1/3, Error ellipse:
s-maj=22.1km s-min=7.4km az=128.0

ISC 26 03:02:00.3, 0.2, 68:10N:19:81E, h5km, 1km, ML1.6

ISC 26 03:01:59.5, 1.2, 68:13N:0:02:19:81E:0.03, h8km, 9gkm,
n30, c145/49, Northern Norway

Main table for 2010 DEC section, listing various seismic stations and their data points.

1574

comp=Z,192nm,20.8s,baz=44,slow=30
ILAR Eielson Array 91.00 18 P P 03 17 34.0 -0.1
GERES GERRSS Array B 144.49 331 PKP PKPbc 03 24 06.0 +0.6

IDC 26 03:15:18.7, 0.9, 19:46S:168:04E, h0km, mb4.1/11,
mb1.4/3.12, mb1mx4.1/36, mbtmp4.1/12, ML3.5/1, Error
ellipse: s-maj=28.8km s-min=18.2km az=142.0
NEIC 26 03:15:20.0, 2.0, 19:36S:168:04E, h10km, mb4.5/5, Error
ellipse: s-maj=13.0km s-min=11.0km az=147.0
ISCJB 26 03:15:21.4, 0.5, 19:45S:0:07:167:95E:0.09, h26km,
mb4.2/12, Error ellipse: s-maj=13.6km s-min=8.6km
az=21.2

ISC 26 03:15:22.6, 0.7, 19:48S:0:10:168:05E:0.1, h26km, n28,
c0572/26, mb4.4/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, UZM Omahuta, etc.

IDC 26 03:16:30.7, 1.9, 19:98S:167:77E, h0km, mb3.7/5,
mb1.4/0.6, mb1mx3.8/36, mbtmp3.8/6, ML2.9/1, Error
ellipse: s-maj=58.5km s-min=29.4km az=133.0

ISCJB 26 03:16:31.5, 1.6, 19:35S:0:1:167:9E:0.3, h20km, mb3.7/5,
Error ellipse: s-maj=40.9km s-min=17.2km az=17.7

ISC 26 03:16:33.0, 1.6, 19:35S:0:1:168:05E:0.3, h20km, n7,
c175/8, mb3.8/5, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

DDA 26 03:19:15.1, 38:09N:42:66E, h8km, M3.5

CSEM 26 03:19:15.8, 0.3, 38:07N:42:66E, h5km, ML3.5, Error
ellipse: s-maj=6.0km s-min=5.6km az=155.0

ISK 26 03:19:18.1, 0.8, 38:58N:42:41E, h16km, MD2.8

ISC 26 03:19:15.3, 1.3, 38:10N:0:03:42:66E:0.02, h4km, 10km,
n26, c094/41, Turkey

Main table for 1574 section, listing various seismic stations and their data points.

ISC 26:03:21.18:4.1.2.27.0N:0.1:143.3AE:0.1, h10km, n6, o=687.7, mb3.7/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chichijima, Matsushiro Arr, Kul'dur, Warrunganga Arr, etc.

BGR 26:03:26:02.2, 21.88S: 169.06E, h33km

ICC 26:03:26:03.9:0.8, 19.36S: 169.00E, h0km, mb4.4/14, mb1.4/6/15, mb1mx3.4/29, mbtmp3.7/4, ML3.3/1, MS3.7/2, Ms1.3/2, ms1mx3.3/28, Error ellipse: s-maj=25.2km s-min=17.4km az=143.0

NEIC 26:03:26:04.0:4.0, 3.9:19.44S: 168.07E, h10km, mb4.8/12, Error ellipse: s-maj=10.8km s-min=9.3km az=147.0

ISCJB 26:03:26:05.0:6.0, 4.9:19.49S: 0.06:168.01E:0.07, h26km, mb4.5/21, MS3.6/2, Error ellipse: s-maj=9.9km s-min=7.1km az=34.1

ISC 26:03:26:06.9:0.5, 19.51S: 0.08:168.1E:0.1, h26km, n70, o=109.66, mb4.6/20, 2C-1D, Vanuatu Islands

Main table listing seismic stations and events in the Bonin Islands region, including stations like DZM, MSVF, OUZ, RMQ, AFI, URZ, etc.

1.5mm, 1.1s, baz=104, slow=3.8, SNR=5.3

ICC 26:03:27:12.8:5.9, 19.60S: 168.09E, h0km, mb3.9/4, mb1.4/14, mb1mx3.8/28, mbtmp3.9/4, MS3.9/1, Ms1.3.9/1, ms1mx3.3/33, Error ellipse: s-maj=21.7km s-min=39.4km az=146.0, Vanuatu Islands

Table listing seismic stations and events in the Vanuatu Islands region, including stations like DZM, RAR, WRA, ASAR, etc.

ICC 26:03:30:36.4:4.5, 19.73S: 168.28E, h0km, mb3.7/3, mb1.3.9/4, mb1mx3.7/27, mbtmp3.7/4, ML3.3/1, MS3.3/1, Ms1.3.3/1, ms1mx2.9/31, Error ellipse: s-maj=106.0km s-min=31.8km az=115.0, Vanuatu Islands

Table listing seismic stations and events in the Vanuatu Islands region, including stations like DZM, WRA, ASAR, GUMO, etc.

NEIC 26:03:46:19.4, 50.99N: 176.07W, h26km, ML3.1(AEIC), After AEIC

ICC 26:03:46:19.3:2.9, 51.78N: 176.38W, h0km, mb3.6/7, mb1.3.7/9, mb1mx3.4/69, mbtmp3.6/9, ML3.5/2, Error ellipse: s-maj=82.7km s-min=19.7km az=173.0

ISC 26:03:47:32.7:9.2, 51.78N: 176.38W, h0km, mb3.6/7, ms1mx3.4/69, mbtmp3.6/9, ML3.5/2, Error ellipse: s-maj=82.7km s-min=19.7km az=173.0

Main table listing seismic stations and events in the NEIC region, including stations like ETKA, GSKC, ADAG, GSMY, etc.

ICC 26:03:48:15.9:2.7, 3.39S: 99.21E, h0km, mb3.7/6, mb1.3.8/6, mb1mx3.5/49, mbtmp3.7/6, Error ellipse: s-maj=105.6km s-min=25.0km az=54.0, Southwest of Sumatra

Table listing seismic stations and events in the Southwest of Sumatra region, including stations like CMAR, H08S2, H08S3, etc.

ICC 26:03:54:39.9:4.3, 2.56N: 95.36E, h0km, mb3.5/4, mb1.3.6/4, mb1mx3.3/52, mbtmp3.5/4, Error ellipse: s-maj=168.2km s-min=28.1km az=58.0, Off west coast of northern Sumatra

Table listing seismic stations and events in the Off west coast of northern Sumatra region, including stations like H08S2, H08S3, H08S1, etc.

ICC 26:04:00:06.5:1.1, 3.39S: 123.49E, h0km, mb3.8/6, mb1.3.9/8, mb1mx3.7/42, mbtmp3.7/8, ML3.3/2, MS3.4/3, Ms1.3.4/3, ms1mx3.0/42, Error ellipse: s-maj=42.5km s-min=19.9km az=63.0

ISCJB 26:04:00:09.7:0.4, 3.47S: 0.03:123.33E:0.04, h33km, mb3.9/9, MS3.2/3, Error ellipse: s-maj=5.5km s-min=4.6km az=21.1

NEIC 26:04:00:10.2:2.1, 3.49S: 123.35E, h25km, 17km, mb4.3/3, Error ellipse: s-maj=9.9km s-min=6.5km az=69.0

DJA 26:04:00:10.4:0.3, 3.5: 3.3: 12.3E, h10km, M4.5/16, mb5.0/3, ML3.4/9, Error ellipse: s-maj=10.8km s-min=9.3km az=147.0

ISC 26:04:00:11.6:0.7, 3.45S: 0.03:123.33E:0.05, h35km, n33, o=96.95, mb4.0/3, MS3.2/3, Sulawesi Islands

Main table listing seismic stations and events in the Sulawesi Islands region, including stations like BBSI, LUWI, SANI, etc.

ICC 26:04:13:29.4:10.0, 16.30S: 176.94W, h0km, mb3.8/3, mb1.4.0/3, mb1mx3.6/37, mbtmp3.8/3, Error ellipse: s-maj=1120.0km s-min=181.9km az=78.0, Fiji Islands region

Table listing seismic stations and events in the Fiji Islands region, including stations like STKA, WRA, ASAR, etc.

NIED 26:04:21:00.27:20N:143.70E, h5km, Mw4.0 Best double couple: Mo1.02000x1015 NPT195.050000, 346.00000, 2.64.00000, NP2=304.00000, 850.00000, -115.00000

ICC 26:04:21:17.0:6.26, 92N: 143.53E, h0km, mb4.1/19, mb1.4.3/22, mb1mx4.2/51, mbtmp4.2/51, ML3.5/3, MS3.2/2, Ms1.3.2/2, ms1mx2.8/60, Error ellipse: s-maj=15.3km s-min=13.7km az=86.0

NEIC 26:04:21:42.0:3.4, 26.92N: 143.56E, h4km, 20km, mb4.6/28, MW3.9(NIED), Error ellipse: s-maj=7.9km s-min=5.3km az=115.0

JMA 26:04:21:43.2:0.3, 27.15N: 143.71E, h44km, M4.3, ISCJB 26:04:21:44.6:0.3, 26.91N: 0.05:143.57E:0.04, h33km, M4.3/4, Error ellipse: s-maj=7.3km s-min=4.9km az=172.9

ISC 26:04:21:47.0:0.5, 27.08N: 0.06:143.50E:0.06, h35km, n74, o=18237.7, mb4.3/4, Bonin Islands region

Main table listing seismic stations and events in the Bonin Islands region, including stations like CBJ, CHC, JCJ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H1N2 WAKE ISLAND, H1S3 WAKE ISLAND, H1S1 WAKE ISLAND, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES comp=Z,2.0nm,0.8s, KBZ Khabaz, KBZ Khabaz, KIV Kislovodsk, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUN Gumba, KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

LIA		S	Sg	05 08 42.9 +0.2	ORLT	Orhanelli	2.33 96 ePn	Pn	05 08 59.6 +1.1	KAND		iS	Sn	05 09 52.0 +0.5
LIA	Limnos Island	0.68 232 ePn	Pg	05 08 33.3 +0.5	BGKT	Bogazkoy	2.36 68 ePn	Pn	05 08 59.0 +0.2	THAL	Thalero	3.39 229 ePn	Pn	05 09 12.2 -0.8
LIA		S	Pg	05 08 42.9 +0.2	BGKT	Bogazkoy	2.36 68 ePn	Pn	05 08 59.0 +0.2	THAL	Thalero	3.39 229 ePn	Pn	05 09 12.2 -0.8
LIA	Limnos Island	0.68 232 ePn	Sb	05 08 43.3 +0.3	MRKA	Markates	2.40 228 ePn	Pn	05 08 58.5 -1.0	MPEP	Malvo Peshtene	3.44 333 P	Pn	05 09 13.7 +0.1
LIA		S	Pg	05 08 33.2 +0.5	MRKA	Markates	2.40 228 P	Pn	05 08 58.5 -1.0	EVV	Evyritania	3.43 247 ePn	Pn	05 09 14.0 +0.1
LIA		S	Pb	05 08 42.9 +0.2	MRKA	Markates	2.40 228 P	Pn	05 08 58.5 -1.0	EVV	Evyritania	3.44 247 ePn	Pn	05 09 14.0 +0.1
RKY	Sarkoy-Tekirda	1.05 69 ePg	Pb	05 08 40.1 +0.5	MRKA	Markates	2.40 228 P	Pn	05 08 58.5 -1.0	KHL	Karahalli	3.46 124 ePn	Pn	05 09 15.2 +1.1
RKY	Sarkoy-Tekirda	1.05 69 ePg	Pb	05 08 40.1 +0.5	MRKA	Markates	2.40 228 P	Pn	05 08 58.5 -1.0	KHL	Karahalli	3.46 124 ePn	Pn	05 09 15.2 +1.1
SART	Tekirdag	1.05 69 P	Sb	05 08 39.4 -1.2	KNT	Kendrikon	2.42 291 ePn	Pn	05 08 58.9 +0.1	KALE	Kalitheo	3.48 238 ePn	Pn	05 09 13.6 -0.8
SART	Tekirdag	1.05 69 P	Sb	05 08 39.4 -1.2	KNT	Kendrikon	2.42 291 P	Pn	05 08 58.9 +0.1	KALE	Kalitheo	3.48 238 P	Pn	05 09 13.7 -0.7
SART		iS	Pb	05 08 39.4 -1.2	KNT	Kendrikon	2.42 291 ePn	Pn	05 08 59.3 -0.4	KALE	Kalitheo	3.48 238 P	Pn	05 09 13.7 -0.7
SIGR	SIGRI	1.11 181 ePn	Sb	05 08 40.8 -0.7	KNT	Kendrikon	2.42 291 P	Pn	05 08 58.9 -0.8	KALE	Kalitheo	3.48 238 P	Pn	05 09 13.7 -0.7
SIGR	SIGRI	1.11 181 ePn	Pb	05 08 40.7 -0.7	KNT	Kendrikon	2.42 291 ePn	Pn	05 08 59.3 -0.4	DID	Didima	3.49 217 ePn	Pn	05 09 13.4 -1.0
SIGR		eSn	Pb	05 08 56.8 0.0	KNT	Kendrikon	2.42 291 P	Pn	05 08 59.3 -0.4	DID	Didima	3.49 217 P	Pn	05 09 13.4 -1.0
SIGR	SIGRI	1.11 181 P	Pb	05 08 40.9 -0.6	EREA	Erertra	2.43 219 ePn	Pn	05 08 58.8 -1.1	PSARO	Psaromita, Dor	3.50 237 ePn	Pn	05 09 13.7 -0.8
SIGR	SIGRI	1.11 181 P	Pb	05 08 56.3 +0.1	EREA	Erertra	2.43 219 P	Pn	05 08 58.8 -1.1	SERG	Sergoula	3.52 238 ePn	Pn	05 09 14.2 -0.7
SIGR		S	Pb	05 08 40.9 -0.6	EREA	Erertra	2.43 219 P	Pn	05 08 58.8 -1.1	SERG	Sergoula	3.52 238 P	Pn	05 09 14.2 -0.7
SIGR	SIGRI	1.11 181 P	Pb	05 08 56.3 +0.1	EREA	Erertra	2.43 219 ePn	Pn	05 08 58.8 -1.1	BORA		3.53 96 P	Sg	05 09 15.6 +0.5
SIGR	SIGRI	1.11 181 P	Pb	05 08 40.9 -0.6	EREA	Erertra	2.43 219 P	Pn	05 08 58.8 -1.1	BORA		3.53 96 P	Sg	05 09 15.6 +0.5
SIGR		S	Pb	05 08 56.3 +0.1	EREA	Erertra	2.43 219 ePn	Pn	05 08 58.8 -1.1	BORA	Esikisehir	3.53 96 iS	Sg	05 09 15.6 +0.5
PRK	Paraskevi	1.12 164 P	Pb	05 08 41.1 -0.5	FYTO	Fytoko, Volos	2.44 249 ePn	Pn	05 08 58.9 -1.1	DENT	Denizli	3.55 135 ePn	Pn	05 09 16.4 +1.1
PRK	Paraskevi	1.12 164 ePn	Pb	05 08 57.0 0.0	FYTO	Fytoko, Volos	2.44 249 P	Pn	05 08 58.5 -1.5	EVF	Epalio	3.62 240 ePn	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 P	Pb	05 08 41.4 -0.2	FYTO	Fytoko, Volos	2.44 249 ePn	Pn	05 08 58.9 -1.1	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 ePn	Pb	05 08 57.0 0.0	FYTO	Fytoko, Volos	2.44 249 P	Pn	05 08 58.9 -1.1	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 P	Pb	05 08 41.1 -0.5	ULDT	Uludag	2.50 93 P	Pn	05 08 58.5 -1.5	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 P	Pb	05 08 57.0 0.0	ULDT	Uludag	2.50 93 P	Pn	05 08 58.5 -1.5	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 ePn	Pb	05 08 41.1 -0.5	ULDT	Uludag	2.50 93 P	Pn	05 08 58.5 -1.5	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 ePn	Pb	05 08 57.0 0.0	ULDT	Uludag	2.50 93 P	Pn	05 08 58.5 -1.5	EVF	Epalio	3.62 240 P	Pn	05 09 14.0 +0.1
PRK	Paraskevi	1.12 164 P	Pb	05 08 41.1 -0.5	SMIA	Simia	2.52 236 ePn	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
PRK	Paraskevi	1.12 164 P	Pb	05 08 57.0 0.0	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
AYVA	Ayvalik	1.19 148 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
AYVA	Ayvalik	1.19 148 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
AYVA	Ayvalik	1.19 148 iS	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 ePn	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 ePn	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 ePn	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 ePn	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 58.4 -0.3	SMIA	Simia	2.52 236 P	Pn	05 09 00.7 -0.4	KRND	KRANIDI	3.63 217 P	Pn	05 09 15.2 -1.1
KAVA	Kavala	1.24 303 P	Pb	05 08 42.6 -0.2	SMIA	Simia	2.52 236 P	Pn	05					

IDI		Sn	05 10 33.1 -2.0
IDI	5.4nm,0.3s,baz=285,slow=20,SNR=3.6	LR	05 11 42.5
IDI	comp-Z,327nm,21.4s,baz=328,slow=40		
IDI	Anoyia 5.09 189 ePn	Pn	05 09 38.5 +2.0
IDI	Anoyia 5.09 189 ePn	Pn	05 10 33.1 -2.0
IDI	Anoyia 5.09 189 ePn	Pn	05 09 38.5 +2.0
IDI	Anoyia 5.09 189 ePn	Pn	05 10 33.1 -2.0
GRER	5.12 9 iJP	Pn	05 09 39.2 +2.4
GRER	5.12 9 iJP	Pn	05 09 39.2 +2.4
ARR	Arges 5.12 350 iJP	Pn	05 09 36.6 -0.4
ARR	Arges 5.12 350 iJP	Pn	05 10 37.3 +1.3
ARR	Arges 5.12 350 iJP	Pn	05 09 36.6 -0.4
ARR	Arges 5.12 350 iJP	Pn	05 10 37.3 +1.3
CFR	Carcaliu 5.13 18 iJP	Pn	05 09 37.1 +0.2
CFR	Carcaliu 5.13 18 iJP	Pn	05 11 02.1 +2.5
CFR	Carcaliu 5.13 18 iJP	Pn	05 09 37.1 +0.2
KUBS	Kucevo 5.14 324 iJPn	Pn	05 09 35.5 -1.6
VOIR	5.15 353 iJP	Pn	05 09 37.4 +0.1
VOIR	5.15 353 iJP	Pn	05 11 04.0 -1.7
VOIR	5.15 353 iJP	Pn	05 09 37.4 +0.1
MLR	Muntele Rosu 5.17 0 Pn	Pn	05 09 38.6 +1.0
MLR	3.2nm,0.3s,baz=219,slow=17,SNR=165	Lg	05 10 58.4
MLR	1.8nm,0.3s,baz=220,slow=17,SNR=3.1	Lg	05 09 38.6 +1.0
MLR	Muntele Rosu 5.17 0 S	Pn	05 10 40.4 +3.3
MLR	Muntele Rosu 5.17 0 iJP	Pn	05 09 38.6 +1.0
MLR	Muntele Rosu 5.17 0 iJP	Pn	05 10 40.4 +3.3
GRUS	Gruza 5.24 315 iJPn	Pn	05 09 37.8 +0.7
BR231	Keskin MP Arra 5.31 9 ePn	Pb	05 09 48.9 -4.3
TLCR	5.32 23 iJP	Pn	05 09 41.1 +0.6
TLCR	5.32 23 iJP	Pn	05 09 40.1 +0.6
TLCR	5.32 23 iJP	Pn	05 09 40.1 +0.6
ANTO	Ankara 5.32 93 eP	Pn	05 09 40.0 +0.3
ANTO	Ankara 5.32 93 ePn	Pn	05 09 40.0 +0.3
ANTO	Ankara 5.32 93 ePn	Pn	05 09 40.0 +0.3
LOT	Lotru 5.35 344 iJP	Pn	05 10 44.1 +2.4
LOT	Lotru 5.35 344 iJP	Pn	05 09 39.9 -0.2
LOT	Lotru 5.35 344 iJP	Pn	05 10 44.1 +2.4
IVAS	Ivanjica 5.37 309 iJPn	Pn	05 09 40.6 +0.3
MDVR	Moldovita 5.42 327 iJP	S	05 09 47.7 -0.2
MDVR	Moldovita 5.42 327 iJP	S	05 10 39.7 -0.5
MDVR	Moldovita 5.42 327 iJP	S	05 09 40.7 -0.2
PETR	Petresti 5.49 10 iJP	Pn	05 09 43.4 +1.5
PETR	Petresti 5.49 10 iJP	Pn	05 09 43.4 +1.5
PLOR	Plostinia 5.55 6 iJP	Pn	05 09 44.0 +1.2
PLOR	Plostinia 5.55 6 iJP	Pn	05 09 45.7 +0.2
GZR	Gura Zlata 5.56 337 iJP	Pn	05 09 42.2 -0.6
GZR	Gura Zlata 5.56 337 iJP	Pn	05 10 41.9 -4.8
GZR	Gura Zlata 5.56 337 iJP	Pn	05 09 42.3 -0.6
VRI	Vrincioia 5.58 6 iJP	Pn	05 09 44.3 +1.2
VRI	Vrincioia 5.58 6 iJP	Pn	05 09 44.3 +1.2
BBAL	Bala 5.62 96 P	Sb	05 09 47.7 +0.9
BBAL	Bala 5.62 96 P	Sb	05 11 13.4 +7.6
BBAL	Bala 5.62 96 P	Sb	05 09 44.7 +0.9
TRUS	Trudelj 5.63 316 iJPn	Pn	05 09 43.3 -0.5
DOPR	Dopca 5.65 357 iJP	Pn	05 09 44.9 +0.7
DOPR	Dopca 5.65 357 iJP	Pn	05 10 50.4 +1.4
DOPR	Dopca 5.65 357 iJP	Pn	05 09 44.9 +0.7
DOPR	Dopca 5.65 357 iJP	Pn	05 10 50.4 +1.4
DIVS	Divibare 5.78 313 iJP	S	05 09 45.7 -0.2
DIVS	Divibare 5.78 313 iJP	S	05 11 27.2 +1.4
DIVS	Divibare 5.78 313 iJP	S	05 09 45.4 -0.5
DIVS	Divibare 5.78 313 iJP	S	05 10 57.7 -0.2
MDB	Medias 5.92 350 iJP	Pn	05 09 49.2 +1.4
MDB	Medias 5.92 350 iJP	Pn	05 10 57.3 +1.8
MDB	Medias 5.92 350 iJP	Pn	05 09 49.2 +1.4
MDB	Medias 5.92 350 iJP	Pn	05 10 57.3 +1.8
DEV	Deva 5.97 340 iJP	Pn	05 09 49.3 +0.4
DEV	Deva 5.97 340 iJP	Pn	05 10 57.0 +0.3
DEV	Deva 5.97 340 iJP	Pn	05 09 49.3 +0.4
DEV	Deva 5.97 340 iJP	Pn	05 10 57.0 +0.3
BRTR	Keskin Array B 5.98 93 Pn	Pn	05 09 49.5 +0.6
BRTR	3.0nm,0.3s,baz=259,slow=10,SNR=135	Lg	05 11 31.0
BRTR	baz=258,slow=12,SNR=3.4	Lg	
BANR	Banloc 6.14 327 iJP	Pn	05 09 50.7 -0.1
BANR	Banloc 6.14 327 iJP	Pn	05 09 50.7 -0.1
BZS	Buzias 6.15 331 iJP	Pn	05 09 50.4 -0.5
BZS	Buzias 6.15 331 iJP	Pn	05 11 31.7 -1.7
BZS	Buzias 6.15 331 iJP	Pn	05 09 50.4 -0.5
TESR	Tescani 6.21 5 iJP	Pn	05 09 52.2 +0.4
TESR	Tescani 6.21 5 iJP	Pn	05 09 52.2 +0.4
TEKS	Tekeris 6.32 314 iJPn	Pn	05 09 53.2 -0.1
JOSR	Joseni 6.39 358 iJP	Pn	05 09 54.6 +0.3
GAZI	Gapizapa 6.50 127 P	Sg	05 09 59.3 -3.9
GAZI	6.50 127 P	Sg	05 11 46.0 -3.0
CDAG	Cicekdag 6.56 93 P	S	05 09 57.7 +1.0
CDAG	Cicekdag 6.56 93 P	S	05 11 11.0 -0.4
CDAG	Cicekdag 6.56 93 P	S	05 09 57.7 +1.0
CDAG	Cicekdag 6.56 93 P	S	05 11 11.0 -0.4
CJR	Cluj-Napoca 6.60 346 iJP	Pn	05 09 57.8 +0.6
CJR	Cluj-Napoca 6.60 346 iJP	Pn	05 09 57.8 +0.6
SIRR	Siria 6.69 334 iJP	Pn	05 09 58.1 -0.3
SIRR	Siria 6.69 334 iJP	Pn	05 09 58.1 -0.3
ARCR	ARCALIA 6.85 351 iJP	Pn	05 10 02.1 +0.6
ARCR	ARCALIA 6.85 351 iJP	Pn	05 10 00.0 -0.8
DRGR	6.86 341 iJP	Pn	05 10 00.0 -0.8
DRGR	6.86 341 iJP	Pn	05 10 00.0 -0.8
MILM	Milestii Mici 6.93 17 iJP	Sb	05 10 01.6 0.0
MILM	Milestii Mici 6.93 17 iJP	Sb	05 11 48.1 +4.9
MILM	Milestii Mici 6.93 17 iJP	Sb	05 10 01.6 0.0
MILM	Milestii Mici 6.93 17 iJP	Sb	05 10 01.6 0.0
KIS	Kishinev 7.00 17 eS	Sn	05 11 22.0 -0.2
KIS	7.00 17 eS	Sn	05 12 14.0
KIS	500nm,9.0s	MLR	05 13 00.0
KIS	Kishinev 7.00 17 eP	Pn	05 10 03.0 +0.3
KIS	Kishinev 7.00 17 eS	Sn	05 11 22.0 -0.2
KIS	Kishinev 7.00 17 eS	Sn	05 11 22.0 -0.2
MATE	Matera 7.00 276 iJP	Pn	05 10 02.3 -0.4
MATE	Matera 7.00 276 iJP	Pn	05 10 02.3 -0.4
PRAR	RASCA 7.04 2 iJP	Pn	05 10 04.4 +1.2
PRAR	RASCA 7.04 2 iJP	Pn	05 10 04.4 +1.2
TIP	Timpagrande 7.12 264 iJP	Pn	05 10 06.2 +1.8
TIP	Timpagrande 7.12 264 ePn	Pn	05 10 04.8 +0.4
TIP	Timpagrande 7.12 264 ePn	Pn	05 10 04.8 +0.4
SEV	Sevastopol' 7.14 51 eP	Sn	05 10 02.5 -2.0
SEV	7.14 51 eS	Sn	05 11 19.1 -6.4
SEV	comp-Z,6.0nm,0.3s	pmx	
SEV	comp-N,35nm,0.9s	smx	
SEV	comp-E,5.0nm,0.4s	smx	
BURAR	Bucovina Array 7.31 356 iJP	Pn	05 10 07.8 +0.9
BURAR	Bucovina Array 7.31 356 iJP	Pn	05 10 07.8 +0.9
BUR04	Bucovina Ar. S 7.31 356 ePn	Pn	05 10 07.2 +0.2
BUR04	Bucovina Ar. S 7.31 356 ePn	Pn	05 10 07.2 +0.2
YAL	Yaita 7.40 53 eP	Pn	05 10 06.1 -1.5
YAL	7.40 53 eS	Sn	05 11 26.0 -5.9
YAL	comp-Z,25nm,1.0s	smx	
YAL	comp-N,15nm,1.0s	smx	
YAL	comp-E,30nm,1.0s	smx	
BMR	Baia Mare 7.55 348 iJP	Pn	05 10 10.8 +0.7
BMR	Baia Mare 7.55 348 iJP	Pn	05 10 10.8 +0.7
SIM	Simferopol' 7.63 50 eP	Sn	05 10 10.0 -1.3
SIM	7.63 50 eS	Sn	05 11 31.8 -5.8
SIM	comp-Z,15nm,0.9s	pmx	
SIM	comp-N,22nm,0.9s	smx	
SIM	comp-E,48nm,1.0s	smx	
PKSM	Nyaritoric 7.89 328 ePKPKPKPn	Pn	05 10 14.3 -0.5
PKSM	Moragy 7.91 320 iJP	Pn	05 10 14.7 -0.4
PKSM	Moragy 7.91 320 iJP	Pn	05 10 14.7 -0.4

PKSM	Moragy 7.91 320 iPKPKPKPn	Pn	05 10 14.7 -0.4
CSS	Prodromos 7.97 130 ePn	Pn	05 10 17.2 +1.2
CSS	Prodromos 7.97 130 ePn	Pn	05 10 17.2 +1.2
SUDU	Sudak 8.13 53 eP	Pn	05 10 16.0 -2.1
SUDU	Sudak 8.13 53 eS	Sn	05 11 44.4 -5.3
SUDU	comp-Z,26nm,0.6s	pmx	
SUDU	comp-N,60nm,0.9s	smx	
SUDU	comp-N,60nm,0.9s	smx	
PKST	Kuznetmikos 8.30 326 iPKPKPKPn	Pn	05 10 20.1 -0.3
UZH	Uzhgorod 8.69 344 eP	Pn	05 10 17.9 -0.7
UZH	Uzhgorod 8.69 344 eS	Sn	05 11 55.5 -8.2
UZH	comp-N,800nm,12.0s	MLR	
UZH	comp-E,500nm,12.0s	MLR	
UZH	comp-Z,500nm,12.0s	MLR	
PSZ	Piszkesteto 8.73 332 iPKPKPKPn	Pn	05 10 24.8 -1.6
PSZ	Piszkesteto 8.73 332 ePKPKP	Pn	05 11 56.5 -8.2
KOLS	Kolonicko sedl 8.98 345 eP	Pn	05 10 30.8 +0.9
KOLS	Kolonicko sedl 8.98 345 ePn	Pn	05 10 30.8 +0.9
KOLS	Kolonicko sedl 8.98 345 ePn	Pn	05 10 30.8 +0.9
KOLS	Kolonicko sedl 8.98 345 eS	Sg	05 10 30.8 +0.9
BOJS	Bojanci 9.36 307 iPn	Pn	05 10 38.3 +3.3
CRES	Cresnjevi 9.40 309 iPn	Pn	05 10 37.7 +2.2
LVV	L'vov 9.59 353 eP	Pn	05 10 40.9 +2.8
STHS	Stebnicka Huta 9.67 342 eP	Pn	05 10 43.7 +4.5
STHS	Stebnicka Huta 9.67 342 eS	Sg	05 10 43.7 +4.5
MALT	Malatya 9.93 98 iJP	Pn	05 10 44.8 +1.9
MALT	Malatya 9.93 98 iJP	Pn	05 10 44.8 +1.9
LANS	Liptovska Anna 9.93 335 eP	Pn	05 10 44.5 +1.6
LANS	Liptovska Anna 9.93 335 ePn	Pn	05 10 44.5 +1.6
LANS	Liptovska Anna 9.93 335 ePn	Pn	05 10 44.5 +1.6
WDD	Wield Dalam 9.99 247 ePn	Pn	05 10 44.0 +0.3
WDD	Wield Dalam 9.99 247 ePn	Pn	05 10 44.0 +0.3
PERS	Pernice 10.05 312 iPn	Pn	05 10 44.9 +0.4
PERS	Pernice 10.05 312 iPn	Pn	05 10 44.9 +0.4
PERS	Pernice 10.05 312 iPn	Pn	05 10 44.9 +0.4
PERS	Pernice 10.05 312 iPn	Pn	05 10 44.9 +0.4
ARSA	Arzberg 10.19 316 iPn	Pn	05 10 45.5 +0.6
ARSA	Arzberg 10.19 316 iPn	Pn	05 10 45.5 +0.6
JAVS	Javornik 10.28 307 iPn	Pn	05 10 48.1 +0.5
JAVS	Javornik 10.28 307 iPn	Pn	05 10 48.1 +0.5
TRI	Trieste 10.38 305 eP	Pn	05 10 49.5 +0.6
TRI	Trieste 10.38 305 ePn	Pn	05 10 49.5 +0.6
CONA	Conrad Observa 10.47 320 iPn	Pn	05 10 50.9 +0.7
CONA	Conrad Observa 10.47 320 iPn	Pn	05 10 50.9 +0.7
MMAI	Mount Meron Ar 10.56 131 Pn	Pn	05 10 51.1 -0.5
AK11	Kalin Array Si 10.61 11 ePn	Pn	05 10 52.4 +0.3
AK11	Kalin Array Si 10.61 11 ePn	Pn	05 10 52.4 +0.3
KIEV	Kiev 10.63 12 iJP	Pn	05 10 50.4 -2.0
KIEV	Kiev 10.63 12 ePn	Pn	05 10 50.8 -1.6
KIEV	Kiev 10.63 12 ePn	Pn	05 10 50.8 -1.6
AKASG	Malin Array Be 10.64 12 Pn	Pn	05 10 50.8 -1.9
AKASG	comp-Z,2.5nm,0.3s,baz=193,slow=14,SNR=9.4	pmx	
AKASG	comp-Z,2.0nm,0.4s	pmx	
OJC	Ojcow 10.78 339 eP	Pn	05 10 54.4 -0.1
OJC	Ojcow 10.78 339 ePn	Pn	05 10 54.4 -0.1
OJC	Ojcow 10.78 339 ePn	Pn	05 10 54.4 -0.1
OKC	Ostrava-Krasne 10.97 333 eP	Pn	05 10 56.9 -0.1
OKC	Ostrava-Krasne 10.97 333 eP	Pn	05 10 56.9 -0.1
OKC	Ostrava-Krasne 10.97 333 eP	Pn	05 10 56.9 -0.1
OKC	Ostrava-Krasne 10.97 333 eP	Pn	05 10 56.9 -0.1
OKC	Ostrava-Krasne 10.97 333 eP	Pn	05 10 56.9 -0.1
MORC	Moravsky Berou 11.13 331 eP	Pn	05 10 58.5 -0.8
MORC	Moravsky Berou 11.13 331 ePn	Pn	05 10 58.5 -0.8
MORC	Moravsky Berou 11.13 331 ePn	Pn	05 10 58.5 -0.8
MORC	Moravsky Berou 11.13 331 ePn	Pn	05 10 58.5 -0.8
MORC	Moravsky Berou 11.13 331 ePn	Pn	05 10 58.5 -0.8
VRAC	Vranov 11.14 327 Pn	Pn	05 10 59.1 -0.2
VRAC	comp-Z,0.3nm,0.3s,baz=126,slow=14,SNR=4.9	LR	05 15 06.0
ASF	Jabal al Asfar 12.04 129 Pn	Pn	05 11 11.2 -0.7
ASF	comp-Z,0.2nm,0.3s,baz=90,slow=5.1,SNR=2.4	Pn	
DPC	Dobruska-Polom 12.06 329 iJP	Pn	05 11 12.7 +0.7
DPC	12.06 329 iJP	Pn	05 11 12.7 +0.7
DPC	12.06 329 iJP	Pn	05 11 12.7 +0.7
DPC	12.06 329 iJP	Pn	05 11 12.7 +0.7
DPC	12.06 329 iJP	Pn	05 11 12.7 +0.7
GERES	GERES Array B 12.15 319 Pn	Pn	05 11 13.9 +0.7
GERES	GERES Array B 12.15 319 Pn	Pn	05 11 13.9 +0.7
GERES	GERES Array B 12.15 319 Pn	Pn	05 11 13.9 +0.7
GERES	GERES Array B 12.15 319 Pn	Pn	05 11 13.9 +0.7
GOPC	GO Pecky Ochr. 12.37 325 AMS	AMS	05 16 30.0
KHC	Kasperske Hory 12.40 319 eP	Pn	05 11 21.4 +4.8
KHC	Kasperske Hory 12.40 319 eP	Pn	05 11 21.4 +4.8
KHC	Kasperske Hory 12.40 319 eP	Pn	05 11 21.4 +4.8
KHC	Kasperske Hory 12.40 319 eP	Pn	05 11 21.4 +4.8
PRU	Pruhonic 12.53 324 AMS	AMS	05 16 40.0
NEY	Neytrino 12.90 71 iJP	Pn	05 11 22.9 -0.8
NEY	Neytrino 12.90 71 iJP	Pn	05 11 22.9 -0.8
EIL	Elat 12.96 142 Pn	Pn	

1585

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MCK McKinley, DHY Denali Highway, DIV Divide, etc.

2010 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CN2, BOD Bodaibo, JMTM Jette, etc.

26d 6h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like B27A Peters Farms, F25A Bowman, BAR Barrett, etc.

26d 6h

A33A	Warrod	49.41	59	P	P	06 41 22.2	-1.0
E31A	Nome	49.42	63	P	P	06 41 22.9	-0.4
S22A	4UR Ranch, Cre	49.52	77	P	P	06 41 23.7	-0.9
AGMN	Agassiz Nation	49.52	60	P	P	06 41 22.7	-1.3
AGMN	Agassiz Nation	49.52	60	eP	P	06 41 23.6	-0.5
I29A	Vivian Onida	49.55	67	P	P	06 41 23.4	-1.0
G30A	Faulkton	49.55	65	P	P	06 41 23.5	-0.9
214A	Organ Pipe Nat	49.58	87	P	P	06 41 25.7	+1.0
B33A	Robert and Kas	49.69	60	P	P	06 41 24.3	-1.0
J29A	Okreak	49.91	68	P	P	06 41 26.2	-0.9
B34A	Aery, Baudette	50.07	59	P	P	06 41 27.2	-1.0
D33A	AnnSam, Watubun	50.21	61	P	P	06 41 28.3	-1.0
K29A	Lazy Trails An	50.30	68	P	P	06 41 30.1	0.0
BTO	Baotou	50.31	288	eP	P	06 41 30.8	+0.6
KRAR	Krasnoyarsk	50.31	313f	eP	pmax	06 41 29.6	-0.3
H31A	Wolsey	50.33	65	P	P	06 41 29.3	-0.9
SDCO	Great Sand Dun	50.33	77	P	P	06 41 31.4	+0.7
SDCO	Great Sand Dun	50.33	77	eP	P	06 41 31.9	+1.2
NJ2	Nanjing	50.40	274	eP	PMZ	06 41 30.8	-0.1
G32A	Webster	50.41	64	P	P	06 41 30.0	-0.9
OGNE	Ogallala	50.41	71	eP	P	06 41 32.3	+1.3
C34A	RKJ Ranch, Bem	50.42	60	P	P	06 41 29.8	-1.1
J30A	Dallas	50.44	67	P	P	06 41 30.3	-0.8
E33A	Westby DABS, E	50.50	62	P	P	06 41 30.4	-1.1
M28A	Bar X Bar Ranc	50.53	70	P	P	06 41 31.0	-0.9
D34A	Park Rapids	50.60	61	P	P	06 41 31.2	-1.1
TUC	Tucson	50.61	85	eP	pmax	06 41 33.6	+1.0
TUC	Tucson	50.61	85	eP	P	06 41 33.6	+1.0
B35A	Bob, Littlefor	50.64	59	P	P	06 41 31.3	-1.3
F33A	5 Mile Ranch,	50.74	63	P	P	06 41 32.2	-1.1
K30A	Basset	50.77	68	P	P	06 41 32.4	-1.2
J31A	Geddes	50.90	67	P	P	06 41 34.0	-0.5
C35A	Jirik Farms, M	50.90	60	P	P	06 41 33.9	-0.6
G33A	Ortonville	51.05	64	P	P	06 41 34.8	-0.8
O28A	Krutsinger Ran	51.08	72	P	P	06 41 36.5	+0.5
H33A	Frehn Over Nor	51.19	64	P	P	06 41 35.5	-1.2
D35A	Remer	51.23	60	P	P	06 41 36.7	-0.2
K30C	Kaye Shedlock	51.27	73	P	P	06 41 36.8	-0.7
K30C	Kaye Shedlock	51.27	73	eP	P	06 41 39.1	+1.5
F34A	Alexandria	51.34	62	P	P	06 41 36.9	-1.0
E35A	Pequot Lakes	51.35	61	P	P	06 41 37.3	-0.6
J32A	Parkston	51.36	66	P	P	06 41 37.1	-0.9
T25A	Trinidad	51.38	76	P	P	06 41 39.0	+0.4
T25A	Trinidad	51.38	76	eP	P	06 41 39.1	+0.5
G34A	Benson	51.47	63	P	P	06 41 37.8	-1.0
C36A	Pine Crest Far	51.48	59	P	P	06 41 38.4	-0.4
LAZ	LaRon	51.49	81	eP	P	06 41 39.8	+0.4
L31A	Gutterfield Fa	51.53	68	P	P	06 41 39.4	+0.1
I33A	Coleman	51.54	65	P	P	06 41 38.5	-0.9
ANMO	Albuquerque	51.55	80j	eP	pmax	06 41 41.5	+1.6
ANMO	Albuquerque	51.55	80	P	P	06 41 41.4	+1.6
ANMO	Albuquerque	51.55	80	eP	P	06 41 43.1	+3.3
D36A	Goodland	51.65	60	P	P	06 41 39.1	-1.0
O29A	4D Ranch, Culb	51.66	71	P	P	06 41 40.7	+0.3
F35A	Swanville	51.68	62	P	P	06 41 40.1	-0.3
K32A	Verdigre	51.73	67	P	P	06 41 39.9	-0.9
H34A	Spellman Lake,	51.74	64	P	P	06 41 39.5	-1.4
ECSD	EROS Data Cent	51.84	65	P	P	06 41 40.6	-1.0
ECSD	EROS Data Cent	51.84	65	eP	P	06 41 41.0	-0.6
C37A	Embarrass	51.85	59	P	P	06 41 41.2	-0.4
J33A	Davis	51.90	66	P	P	06 41 41.0	-1.1
P29A	Atwood	51.91	72	P	P	06 41 42.2	-0.1
E36A	McGregor	52.01	60	P	P	06 41 42.5	-0.2
D37A	Cotton	52.06	59	P	P	06 41 42.1	-1.1
EYMN	Ely	52.08	58	P	P	06 41 42.9	-0.5
L32A	Elgin	52.12	68	P	P	06 41 42.8	-0.9
G35A	Watkins	52.12	62	P	P	06 41 43.5	-0.2
R28A	Tribune	52.19	74	P	P	06 41 45.1	+0.8
H35A	Sunnyside Ranc	52.25	63	P	P	06 41 44.0	-0.6
F36A	Milaca	52.26	61	P	P	06 41 43.9	-0.8
N31A	Bailey Ranch,	52.31	69	P	P	06 41 44.4	-0.7
121A	Cookes Peak, D	52.34	83	eP	P	06 41 47.7	+2.1
Q29A	Oakley	52.34	72	P	P	06 41 44.2	-1.2
P30A	Selden	52.36	71	P	P	06 41 44.6	-0.9
BGNE	Belgrade	52.41	68	P	P	06 41 44.6	-1.3
E37A	Wrenshall	52.44	60	P	P	06 41 44.6	-1.4
J34A	George	52.50	65	P	P	06 41 45.6	-0.9
O31A	Woolen Ranch,	52.52	70	P	P	06 41 46.1	-0.6
G36A	St. Michael	52.52	62	P	P	06 41 45.6	-1.0
R29A	Marienthal	52.54	73	P	P	06 41 46.2	-0.7
S28A	Manter	52.62	74	P	P	06 41 48.2	+0.6
I35A	Creekvie Farm	52.69	64	P	P	06 41 46.8	-1.1
K34A	Le Mars	52.79	66	P	P	06 41 47.7	-0.9

2010 DEC

H36A	Jessenland, He	52.83	63	P	P	06 41 48.5	-0.4
M33A	Taylor Creek F	52.86	68	P	P	06 41 48.4	-0.8
J35A	Milford	52.87	65	P	P	06 41 48.3	-0.9
C39A	Grand Marais	52.89	57	P	P	06 41 48.1	-1.2
P31A	Stockton	52.89	71	P	P	06 41 48.7	-0.7
SUMG	Summit	53.00	15	iP	P	06 41 50.5	+0.3
SUMG	Summit	53.00	15	eP	P	06 41 50.5	+0.3
SUMG	Summit	53.00	15	iP	P	06 41 50.4	+0.2
SPMN	St. Paul	53.05	61	P	P	06 41 49.3	-1.2
SPMN	St. Paul	53.05	61	eP	P	06 41 51.0	+0.5
O32A	Brockman Farm,	53.06	69	P	P	06 41 49.9	-0.8
CBKS	Cedar Bluff	53.13	72	eP	pmax	06 41 51.9	+0.7
CBKS	Cedar Bluff	53.13	72	P	P	06 41 50.4	-0.8
CBKS	Cedar Bluff	53.13	72	eP	P	06 41 51.9	+0.7
I36A	Fitzsimmons Fa	53.13	63	P	P	06 41 50.2	-1.0
R30A	Dighton	53.15	73	P	P	06 41 50.5	-0.9
Q31A	Ellis	53.21	71	P	P	06 41 51.1	-0.8
K35A	Strom Lake	53.26	65	P	P	06 41 51.3	-0.8
T29A	Hugoton	53.27	74	P	P	06 41 51.6	-0.7
J36A	Seneca 1, Swea	53.39	64	P	P	06 41 52.0	-1.0
H37A	Dierke Farm, C	53.39	62	P	P	06 41 52.0	-1.0
S30A	Montezuma	53.45	73	P	P	06 41 53.0	-0.7
L35A	Bielow Farm, R	53.47	66	P	P	06 41 52.7	-0.9
I37A	Lemond, Waseca	53.48	63	P	P	06 41 52.6	-1.1
R31A	Burdett	53.59	72	P	P	06 41 54.0	-0.6
Q32A	Meitler Ranch,	53.71	71	P	P	06 41 54.5	-1.0
N34A	Lincoln	53.73	68	P	P	06 41 54.6	-1.0
U29A	Oasis Ranch, S	53.74	75	P	P	06 41 55.0	-0.8
K36A	Gilmore City	53.76	65	P	P	06 41 54.4	-1.4
M35A	Neola	53.80	67	P	P	06 41 55.2	-0.8
T30A	Plains	53.80	74	P	P	06 41 57.0	+0.8
J37A	Redenius Farm,	53.84	64	P	P	06 41 55.0	-1.4
L36A	Williams Farm,	53.94	70	P	P	06 41 55.7	-1.4
P33A	Harm Buss Farm	53.98	66	P	P	06 41 56.4	-0.9
R32A	Long Quarter,	53.99	71	P	P	06 41 57.0	-0.6
O34A	Beauce	54.04	69	P	P	06 41 57.1	-0.8
S31A	Mullinville	54.05	73	P	P	06 41 56.9	-1.1
I38A	Scanlan Farm,	54.06	62	P	P	06 41 56.4	-1.5
U30A	WK&E Inc. Balk	54.07	74	P	P	06 41 57.6	-0.6
K37A	Belmond	54.14	64	P	P	06 41 57.2	-1.4
Q33A	Connelly Farm,	54.14	70	P	P	06 41 58.3	-0.3
N35A	Tabor	54.22	67	P	P	06 41 58.1	-1.0
WHN	Wuhan	54.24	276	P	PMZ	06 41 59.0	-0.4
T31A	Randall Ranch,	54.28	73	P	P	06 41 58.9	-0.7
M36A	Felix, Anita	54.32	66	P	P	06 41 58.9	-0.9
S32A	Newby Ranch, P	54.33	72	P	P	06 41 59.5	-0.6
P34A	Walnut Farm, R	54.38	69	P	P	06 41 59.6	-0.7
MNTX	Cornudas Mount	54.40	82	P	P	06 42 01.4	+0.8
MNTX	Cornudas Mount	54.40	82	eP	P	06 42 02.3	+1.8
O35A	Humboldt	54.45	68	P	P	06 41 59.8	-1.0
MSTX	Muleshoe	54.48	78	P	P	06 42 00.6	-0.6
MSTX	Muleshoe	54.48	78	eP	P	06 42 01.6	+0.4
L37A	Phoenix Point,	54.49	65	P	P	06 41 59.7	-1.3
COWI	Cotter	54.49	59	eP	P	06 42 00.4	-0.7
AMTX	Amarillo	54.53	77	P	P	06 42 01.9	+0.3
AMTX	Amarillo	54.53	77	eP	P	06 42 02.7	+1.1
N36A	Muff Farm, Cla	54.64	67	P	P	06 42 01.9	-0.3
T32A	Huddler Ranch,	54.68	73	P	P	06 42 01.9	-0.7
Q34A	Chapman	54.72	70	P	P	06 42 01.8	-1.0
M37A	Trindie Farm,	54.78	66	P	P	06 42 01.9	-1.3
KSU1	Kansas State U	54.79	70	P	P	06 42 02.1	-1.2
KSU1	Kansas State U	54.79	70	eP	P	06 42 02.7	-0.6
P35A	Duane Minner,	54.86	69	P	P	06 42 02.9	-0.9
SSLB	Suanguang	54.88	265	eP	P	06 42 04.2	+0.1
L38A	Oak Wood Farm,	54.93	64	P	P	06 42 03.0	-1.3
R34A	Isabella Hill	54.94	71	P	P	06 42 04.2	-0.2
V31A	Spring Creek L	55.06	75	P	P	06 42 06.3	+1.0
N37A	Lee Faris, Mou	55.11	67	P	P	06 42 05.8	+0.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, HYB Hyderabad, ASAR Alice Springs, etc.

ISC 26 06:33:32.0-0.7, 51.26N; 176.21W, h0km, mb4.6/24, mb1.4/8/25, mb1mx4.5/69, mbtmp4.7/25, MS4.6/3, Ms1.4.6/3, ms1mx3.8/38, Error ellipse: s-maj=22.6km s-min=13.1km az=169.0

ISC 26 06:33:36.0-0.5, 51.09N; 176.12W, h0km, mb4.6/24, mb1.4/8/27, MS4.4/2, Error ellipse: s-maj=11.1km s-min=6.4km az=167.2

NEIC 26 06:33:35.3, 51.09N; 176.09W, h25km, ML4.4(AEIC), After ALC

ISC 26 06:33:36.0-0.5, 51.3N; 176.16W, h0km, mb4.6/24, mb1.4/8/27, MS4.4/2, Error ellipse: s-maj=11.1km s-min=6.4km az=167.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETKA Kagalaska Isla, ILAR Eielson Array, INK Inuvik, etc.

MAN 26 06:34:59.1, 44.2N; 125.59E, h18km, mb4.4, ML3.2, MS3.1, 1C-1D, Samar

MOS 26 06:34:58.9, 0.2, 50.12N; 157.62E, h23km, mb4.4/1, Error ellipse: s-maj=31.2km s-min=6.2km az=84.1

KRSC 26 06:35:04.6, 1.3, 50.59N; 157.69E, h42km, 21km, ML4.3

ISC 26 06:35:04.4, 2.6, 50.44N; 157.50E; 0.09, h52km, n33, r158/46, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, MIPR Malaya Ipe'l'ka, etc.

ISC 26 06:39:25.3, 0.6, 27.10N; 143.87E; 0.05, h10km, mb3.9/13, Error ellipse: s-maj=9.1km s-min=5.4km

ISC 26 06:39:25.0, 0.8, 26.94N; 143.91E, h0km, mb3.8/11, mb1.4/1/13, mb1mx3.9/48, mbtmp3.9/13, ML3.7/2, Error ellipse: s-maj=20.1km s-min=19.0km az=93.0

NEIC 26 06:39:27.0, 0.5, 27.26N; 143.77E, h23km, M4.4

ISC 26 06:39:27.3, 0.8, 27.20N; 143.82E; 0.08, h10km, n27, r0589/31, mb3.8/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, JCUJ Chichijima, etc.

ISC 26 06:47:31.4, 2.3, 26.65N; 143.60E, h0km, mb3.6/2, mb1.4/8/3, mb1mx3.4/43, mbtmp3.6/3, ML3.4/1, MS4.2/3, Ms1.4.2/3, ms1mx3.5/43, Error ellipse: s-maj=48.5km s-min=24.2km az=53.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

ISC 26 06:48:21.0, 1.7, 6.24S; 176.41W, h0km, mb3.7/4, mb1.4/0/4, mb1mx3.7/41, mbtmp3.7/4, Error ellipse: s-maj=308.1km s-min=40.9km az=151.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, etc.

ISC 26 06:50:20.1, 1.4, 26.55N; 143.11E, h0km, mb3.5/3, mb1.3/7/4, mb1mx3.4/46, mbtmp3.5/4, ML3.5/1, MS4.3/1, Ms1.4.3/1, ms1mx3.3/32, Error ellipse: s-maj=50.8km s-min=28.4km az=90.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, YAK Yakutsk, etc.

ISC 26 06:52:45.7, 0.5, 19.77S; 168.28E, h0km, mb4.6/20, mb1.4/8/22, mb1mx4.7/38, mbtmp4.6/22, ML3.7/2, MS4.2/9, Ms1.4.1/9, ms1mx3.8/33, Error ellipse: s-maj=18.0km s-min=14.2km az=106.0

BUI 26 06:52:46.3, 1.9, 17.0S; 168.20E, h10km, mb4.9/31, mb5.4/25, MS5.2/9, MS7.4/9/9

ISC 26 06:52:48.0, 0.2, 19.79S; 0.04; 168.23E; 0.104, h25km, mb4.9/47, MS4.1/8, Error ellipse: s-maj=5.9km s-min=4.5km az=143.8

GCMT 26 06:52:47.0, 2.0, 19.69S; 168.22E, h18km, 1km, MW4.9/62, Moment Tensor Solution, s24,c26; s62,c83; Duration: 0.07; 0.07; 16; Ms0.3/4; Ms1.0/10N; Mr-2.97; 24; Ms0-0.87; 34; Best double couple: Ms1.9000x10^16 NP1: 0.351, 0.00000, 0.854, 0.00000, -1.04, 0.00000. NP2: 0.694, 0.00000, 0.338, 0.00000, -1.72, 0.00000. Principal axes: T 3.1660, Plg8.0000, Azm91.0000; N 0.0440, Plg11.0000, Azm359.0000; P -3.2140, Plg76.0000; Azm216.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 26 06:52:47.0, 0.2, 19.75S; 168.23E, h10km, mb5.0/26 Error ellipse: s-maj=5.8km s-min=5.4km az=79.0

BGR 26 06:52:48.2, 20.66S; 169.36E, h33km, mb5.0

MOS 26 06:52:49.2, 1.3, 19.81S; 168.23E, h33km, mb5.3/16, Error ellipse: s-maj=11.1km s-min=9.7km az=178.2

AUST 26 06:52:52.4, 3.1, 19.69S; 168.45E, h62km, 25km, Error ellipse: s-maj=23.0km s-min=10.1km az=47.0

ISC 26 06:52:49.0, 3.1, 19.82S; 0.05; 168.26E; 0.06, h25km, n244, r1928/240, mb4.9/47, MS4.1/8, 19C-4D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, MSVF Nonsavu, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RPZ, MILA, COEN, DCZ, STKA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HHC, HHC, HHC, HIA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like OBN, VSU, AKAS, NOA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TREB, PDG, PDG, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBIJ, CBIJ, JHHJ, etc.

26d 8h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Warramunga Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam.

IDC 26:08:11:15.9:67.0, 14.62S:167.42E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/35, mbtmp3.8/3, Error ellipse: s-maj=1129.0km s-min=112.5km az=65.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

IDC 26:08:14:17.8:13.0, 20.72S:177.48W, h498km, h125km, mb3.3/5, mb1 3.6/5, mb1mx3.1/35, mbtmp4.2/5, Error ellipse: s-maj=147.9km s-min=47.0km az=134.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, CMAR Chiang Mai Arr, AKASO Malin Array Be.

IDC 26:08:20:12.2:1.8, 19.32S:167.94E, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.8/36, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=59.8km s-min=31.3km az=146.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Be.

CSEM 26:08:21:37.7:0.6, 38.58N:35.87E, h2km, MD2.6, Error ellipse: s-maj=13.3km s-min=6.0km az=11.0 ISK 26:08:21:38.0, 38.66N:35.84E, h5km, MD2.6 DDA 26:08:21:38.9, 38.70N:35.81E, h3km, MD2.7 ISK 26:08:21:38.6, 1.4, 38.64N:0.05:35.81E:0.03, h1km, 12km, n15, 0.076/20, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BNN Bunyan, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Be, YOZ Yozgat, CUKAN kangal_SIVAS, SVSK Karacayir, CORM Corum.

IDC 26:08:22:02.0:1.4, 26.83N:144.02E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/42, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=33.9km s-min=28.9km az=46.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Arr, NVAR Mina Array Be.

NIED 26:08:26:00.27:20N:143.70E, h5km, Mw3.8 Best double couple: M=6.31000e+104 NP1=352.00000, 320.00000, lambda=2.00000, NP2=112.00000, 380.00000, lambda=1.107.00000

IDC 26:08:26:06.1:1.1, 26.99N:143.73E, h0km, mb3.7/9, mb1 3.9/11, mb1mx3.7/44, mbtmp3.8/11, ML3.1/2, Error ellipse: s-maj=25.8km s-min=20.4km az=88.0 JMA 26:08:26:08.8, 27.21N:143.65E, h47km, M3.5 ISK 26:08:26:09.2:0.8, 27.17N:143.64E:0.07, h3.3km, mb3.7/9, Error ellipse: s-maj=11.1km s-min=6.7km az=144.1

ISC 26:08:26:11.5:1.0, 27.17N:143.59E:0.10, h3.5km, n19, 0.1922/21, mb3.6/9, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CBJ Chichijima, JCJ Chichijima, JHHJ Haha-jima-NKT, BSOS Boso 3, BS04 Boso 4, JHU Hanno, JRY Ryogami san, JAG Ashikaga, MJAR Matsushiro Arr, USRK Ussurytsk Ar.

2010 DEC

Table with columns: KLR Kul'dur, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINES Array B.

ISCJB 26:08:36:15.9:0.9, 27.0N:0.1:143.36E:0.10, h10km, mb3.6/6, Error ellipse: s-maj=17.3km s-min=12.3km az=8.9

IDC 26:08:36:16.7:1.0, 26.94N:143.24E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/54, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=25.7km s-min=20.2km az=70.0

ISC 26:08:36:18.1:1.1, 27.0N:0.1:143.2E:0.11, h10km, n9, 0.0910/10, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Arr, LPAZ La Paz.

ISCJB 26:08:36:56.8:0.6, 26.95N:0.08:143.43E:0.07, h10km, mb3.9/12, MS3.3/1, Error ellipse: s-maj=12.1km s-min=9.9km az=21.2

IDC 26:08:36:57.6:0.9, 26.93N:143.36E, h0km, mb3.9/11, mb1 4.0/12, mb1mx3.8/54, mbtmp3.9/12, ML3.5/1, MS3.4/1, Ms1 3.4/1, ms1mx2.5/39, Error ellipse: s-maj=30.7km s-min=16.6km az=80.0

NEIC 26:08:36:59.0:1.0, 26.94N:143.34E, h10km, mb4.4/2, Error ellipse: s-maj=9.4km s-min=7.3km az=224.0

ISC 26:08:36:59.1:0.8, 26.93N:0.1:143.3E:0.11, h10km, n20, 0.092/19, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CBJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, KLR Kul'dur, PMG Port Moresby, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, STKA Stephens Creek, BVAR Borovoye Arr, ABKAR Abkulk array, YKA Yellowknife Arr, FINES FINES Array B, LPAZ La Paz, LVC Limon Verde.

ISK 26:08:37:59.9, 39.37N:40.41E, h7km, MD2.7 CSEM 26:08:38:00.5:0.3, 39.32N:40.40E, h8km, MD2.7, Error ellipse: s-maj=6.8km s-min=5.0km az=118.0

DDA 26:08:38:01.3, 39.32N:40.39E, h7km, MD2.8 ISK 26:08:37:60.1:3, 39.33N:0.03:40.42E:0.03, h1km, 12km, n21, 0.062/29, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BNGB Bing'li, BNGT Bingol, ERZN Erzincan, KOPT Kopt Dag, BINGOL BINGOL, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, PTK Pertek, PTK Pertek, ERZUR Erzurum, ERZM Erzurum, ERZM Erzurum, BAYT Ayd'ntepe-Bay, BAYT Ayd'ntepe-Bay, KELT Kelkit, KELT Kelkit, KELT Kelkit, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, GUMT Gumushane, GUMT Gumushane.

ISCJB 26:08:40.0:0.9, 27.0N:0.1:143.47E:0.10, h10km, mb3.7/7, Error ellipse: s-maj=15.9km s-min=12.3km az=11.1

IDC 26:08:38:40.8:1.0, 26.94N:143.39E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.5/61, mbtmp3.6/8, ML3.2/1, Error ellipse: s-maj=26.5km s-min=20.4km az=65.0

ISC 26:08:38:42.3:1.1, 26.93N:0.1:143.4E:0.11, h10km, n10, 0.051/11, mb3.7/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr.

1592

Table with columns: WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, BVAR Borovoye Arr, YKA Yellowknife Arr, LPAZ La Paz.

IDC 26:08:40:13.7:3.8, 49.36S:118.94E, h0km, mb3.9/2, mb1 4.0/2, mb1mx3.7/32, mbtmp3.9/2, Error ellipse: s-maj=160.8km s-min=76.3km az=128.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, STKA Stephens Creek, ASAR Alice Springs, YKA Yellowknife Arr.

NIED 26:08:40:30.27:20N:144.00E, h5km, Mw3.9 Best double couple: M=7.39000e+104 NP1=339.00000, 844.00000, lambda=59.00000, NP2=119.00000, 853.00000, lambda=117.00000

ISCJB 26:08:43:34.7:0.6, 26.73N:0.08:144.15E:0.06, h10km, mb3.8/17, Error ellipse: s-maj=10.9km s-min=7.1km az=4.8

IDC 26:08:43:35.2:0.7, 26.63N:143.99E, h0km, mb3.9/15, mb1 4.0/17, mb1mx3.9/66, mbtmp3.8/17, ML3.4/2, Error ellipse: s-maj=21.3km s-min=16.6km az=45.0

NEIC 26:08:43:36.0:4.0, 26.57N:143.96E, h10km, mb4.2/2, Error ellipse: s-maj=13.1km s-min=9.2km az=52.0

JMA 26:08:43:37.0:0.2, 27.24N:143.96E, h0km, M3.7 ISK 26:08:43:36.9:0.8, 26.77N:0.1:144.00E:0.05, h10km, n30, 0.092/34, mb4.0/17, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJ Chichijima, CBJ Chichijima, JODJ Odawara 2, JHU Hanno, JRY Ryogami san, MJAR Matsushiro Arr, KSRS Kosa Array, KSAR Soryu Array Be, KLR Kul'dur, SONM Songo Array, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, BVAR Borovoye Arr, ABKAR Abkulk array, AKTO Aktyubinsk, YKA Yellowknife Arr, FINES FINES Array B, KBZ Khabarovsk, NVAR Mina Array Be, PDAR Pinedale Array, TXAR Lajitas Array, PTGA Pitinga, LPAZ La Paz.

AUST 26:08:49:13.2:1.9, 3.88S:154.04E, h214km, Error ellipse: s-maj=3.0km s-min=1.2km az=229.0

ISCJB 26:08:49:14.3:0.5, 3.98S:0.05:153.60E:0.08, h207km, mb4.2/27, Error ellipse: s-maj=11.5km s-min=6.3km az=8.9

IDC 26:08:49:16.6:2.1, 3.99S:153.67E, h214km, h8km, mb3.9/18, mb1 4.1/20, mb1mx3.9/42, mbtmp4.2/20, Error ellipse: s-maj=18.9km s-min=9.6km az=92.0

NEIC 26:08:49:20.7:1.6, 4.01S:153.46E, h251km, mb4.8/5, Error ellipse: s-maj=14.6km s-min=7.6km az=86.0

DJA 26:08:49:30.0:2.5, 4.1S:13.15E:3.1, h317km, 17km, M5.1/18, mb8.6/1, mb4.7/18, MLV5.3/1, Mw(6.8)/9.1

ISC 26:08:49:15.6:0.5, 3.98S:0.07:153.66E:0.09, h207km, n72, 0.190/78, mb4.1/27, 1.1, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, JAY Jayuya, COEN Coen, MTSU Mount Isa, CTA Charters Tower, CTAO Charters Tower, FAKI Fak Fak, FAKI Fak Fak, QIS Mount Isa, SWI Swainson Is.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDU Kakadu, RMQ Roma, MTN Mantoro, etc.

NEIC 26 08:50:23.6, 51.08N, 176.19W, h18km, ML3.0(AEIC), After AEIC.

ISCJB 26 08:50:24.9, 1.1, 51.10N, 0.09, 176:23W, 0.07, h47km, mb3.6/4, Error ellipse: s-maj=13.1km s-min=6.6km az=175.4

IDC 26 08:50:24.0, 2.6, 51.55N, 176.58W, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.4/61, mbtmp3.6/6, ML3.8/1, Error ellipse: s-maj=80.3km s-min=21.6km az=175.0

ISC 26 08:50:28.4, 1.2, 51.33N, 0.1, 176:25W, 0.05, h47km, n26, @172/23, mb3.7/4, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, ADAG Mountain Adagadag, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR Eielson Array, KLR Kul'dur, H11N2 Wake Island Hy, etc.

ISCJB 26 08:50:48.2, 0.9, 61.03N, 0.04, 28:91E, 0.09, h0km, Error ellipse: s-maj=6.8km s-min=5.0km az=30.9

HEL 26 08:50:50.4, 0.4, 60.97N, 28.98E, h0km, ML1.7, Explosion CSEM 26 08:50:50.4, 60.97N, 28.98E, h0km, ML1.7, Mining explosion. After HEL

IDC 26 08:50:51.4, 1.8, 61.00N, 28:97E, h0km, mb1 3.3/3, mb1mx3.0/52, mbtmp3.3/3, ML2.4/3, Error ellipse: s-maj=16.0km s-min=10.6km az=157.0

ISC 26 08:50:50.1, 1.4, 60.95N, 28.85E, 0.06, h0km, n24, @152/38, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VJF Virojoki, VJF Virojoki, VJF Virojoki, etc.

IDC 26 08:51:25.1, 0.8, 8.18N, 38:21W, h0km, mb3.7/9, mb1 3.9/10, mb1mx3.7/54, mbtmp3.8/10, ML3.7/1, MS3.6/9, Ms1 3.6/9, ms1mx3.3/30, Error ellipse: s-maj=28.5km s-min=17.7km az=144.0

ISCJB 26 08:51:26.1, 0.6, 8.11N, 0.1, 38:20W, 0.1, h16km, mb3.7/10, ML3.6/9, Error ellipse: s-maj=18.5km s-min=12.9km az=35.6

ISC 26 08:51:27.8, 0.7, 8.1N, 0.1, 38:20W, 0.1, h16km, n25, @1509/11, mb3.8/10, MS3.5/8, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLR Muntele Rosu, AKASO Malin Array Be, PDAR Pinedale Array, etc.

MEX 26 09:01:33.9, 0.5, 13:90N, 92:23W, h10km, MD3.9, Off coast Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Comitan, PCIG Comitan, CCG Comitan, etc.

IDC 26 09:06:21.8, 1.4, 19:76S, 168:22E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.8/36, mbtmp3.8/6, ML3.5/1, Error ellipse: s-maj=67.6km s-min=22.8km az=143.0

ISCJB 26 09:06:24.3, 1.2, 19.95S, 0.2, 168:2E, 0.3, h27km, mb3.8/5, Error ellipse: s-maj=41.6km s-min=11.7km az=35.1

ISC 26 09:06:25.5, 1.3, 20.05S, 0.3, 168:3E, 0.3, h27km, n7, @1915/8, mb3.8/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 26 09:08:12.0, 0.8, 27:02N, 143:45E, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.7/41, mbtmp3.6/9, ML3.4/1, Error ellipse: s-maj=22.7km s-min=18.5km az=92.0

ISCJB 26 09:08:14.9, 0.8, 27:14N, 0.0, 143:49E, 0.07, h33km, mb3.6/8, Error ellipse: s-maj=11.8km s-min=6.9km az=148.9

JMA 26 09:08:15.2, 0.1, 27:20N, 143:45E, h42km, M3.9

ISC 26 09:08:17.3, 0.9, 27:21N, 0.1, 143:40E, 0.09, h35km, n16, @1903/19, mb3.5/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, etc.

IDC 26 09:10:17.6, 1.1, 26:94N, 143:76E, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.6/40, mbtmp3.5/7, ML3.7/1, MS3.7/1, Ms1 3.7/1, ms1mx2.8/33, Error ellipse: s-maj=25.7km s-min=23.3km az=154.0

JMA 26 09:10:20.9, 0.2, 27:22N, 143:73E, h55km, M3.6

ISCJB 26 09:10:21.0, 1.0, 27:14N, 0.1, 143:75E, 0.07, h33km, mb3.5/6, Error ellipse: s-maj=18.7km s-min=7.5km az=162.5

ISC 26 09:10:23.0, 1.0, 27:21N, 0.1, 143:68E, 0.09, h35km, n11, @1920/13, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, etc.

IDC 26 09:10:57.0, 7.0, 5.26, 98N, 143:71E, h0km, mb4.1/21, mb1 4.3/24, mb1mx4.2/42, mbtmp4.1/24, ML4.3/4, MS3.0/2, Ms1 3.0/2, ms1mx2.6/40, Error ellipse: s-maj=15.9km s-min=13.0km az=85.0

Bull 26 09:10:58.1, 26:94N, 143:55E, h4km, mb4.6/30, mB5.0/24, Ms4.8/11, Ms7.4/4/1

MOS 26 09:10:59.8, 1.1, 26:91N, 143:71E, h26km, mb4.6/14, Error ellipse: s-maj=12.4km s-min=7.1km az=101.9

NEIC 26 09:10:59.7, 0.2, 27:01N, 143:74E, h10km, mb5.3/56, Error ellipse: s-maj=5.5km s-min=4.4km az=156.0

ISCJB 26 09:11:03.0, 5.3, 27:44N, 0.0, 143:60E, 0.03, h33km, mb4.9/75, Error ellipse: s-maj=5.0km s-min=3.7km az=162.1

JMA 26 09:11:05.9, 27:43N, 143:41E, h64km, M4.0

ISC 26 09:11:03.7, 0.4, 27:10N, 0.05, 143:68E, 0.05, h35km, n172, @1950/182, mb5.1/77, 5C-1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, etc.

26d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JCH, JHH, BSO1, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, etc.

1594

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBZ, NV01, NVAR, etc.

26d 11h

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIY Diyarbakir, MALT Malatya, URFA Urfa, etc.

NIED 26 11:25:00, 34.00N, 131.30E, h1km, Mw3.7 Best double couple: M3.82000, 1.014, N1.113, 0.00000, 0.45, 0.00000, 1.42, 0.00000, 1.42, 0.190, 0.00000, 0.82, 0.00000, 1.27, 0.00000

JMA 26 11:25:05.7, 34.01N, 131.27E, h13km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: 0.179, 0.00000, 0.82, 0.00000, 1.09, 0.00000. NP2: 0.329, 0.00000, 0.42, 0.00000, 1.67, 0.00000

JMA 26 11:25:05.1, 0.7, P3, 99N, 0.03, 131.25E, 0.03, h13km, 4km, mb3.8/9 Error ellipse: s-maj=4.7km s-min=4.5km az=3.1

NEIC 26 11:25:06.2, 0.3, 93.97N, 131.26E, h10km, 14km, mb4.4/1, Error ellipse: s-maj=14.8km s-min=12.7km az=190.0

KMA 26 11:25:08.1, 2.8, 34.12N, 130.97E, h0km, Error ellipse: s-maj=31.2km s-min=6.7km az=126.0

ISC 26 11:25:05.9, 1.1, 33.99N, 0.03, 131.29E, 0.03, h8km, 7km, n41, c110/49, mb3.73, 3C-7D, Kyushu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTY Toyota, JKI Kunimi, JKA Aikake, etc.

BGR 26 11:29:35.4, 51.60N, 173.85W, h33km, mb4.3 MOS 26 11:29:39.5, 1.0, 52.10N, 175.02E, h33km, mb5.2/64, Error ellipse: s-maj=8.5km s-min=5.2km az=93.9

2010 DEC

ISCJB 26 11:29:41.4, 0.4, 52.06N, 0.04, 175.13E, 0.03, h54km, 3km, mb4.9/156, MS3, 8/22, Error ellipse: s-maj=6.1km s-min=2.8km az=1.7

BUI 26 11:29:41.5, 52.52N, 174.68E, h40km, mb5.0/51, mb5.1/37, Ms4.9/22, Ms7.4/4/21

IDC 26 11:29:42.9, 1.8, 52.16N, 175.12E, h50km, 15km, mb4.4/35, mb1.4/53.7, mb1mx4.5/51, mbtmp4.7/37, ML4.4/2, MS3.8/21, Ms1.3/2/1, ms1mx3.7/42, Error ellipse: s-maj=15.4km s-min=8.7km az=165.0

ISC 26 11:29:42.4, 0.7, 52.10N, 0.06, 175.07E, 0.03, h47km, 5km, n523, c0992/537, mb4.9/163, MS3.8/22, 2C-147, Rat

Main station list table for 2010 DEC with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, SMY Shemya, SMY Shemya, etc.

1600

Main station list table for 1600 with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR comp=Z, 0.7nm, 0.8s, baz=285, slow=3.2, SNR=4.1, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SONM Sogingo Array, ZAK Zakamensk, WALA Waterton Lakes, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GTA Gaotai, RSSD Black Hills, F27A Lemmon, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GYA, MKAR Makanchi Array, ARCES ARCESS Array B, etc.

26d 11h

Table of astronomical observations for 26d 11h, listing station names, coordinates, and observation details.

2010 DEC

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

1602

Table of astronomical observations for 1602, listing station names, coordinates, and observation details.

26d 12h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SMY Shemya, MSOM Makushin Julie, UNV Unalaska Vail, etc.

2010 DEC

Table listing stations for December 2010, including call letters, name, frequency, and power. Includes stations like KUR comp=E,53nm,0.9s, TYV Tymovskoe, CRAG Craig, etc.

1604

Table listing stations for the 1604 frequency, including call letters, name, frequency, and power. Includes stations like NEW Newport, NEW Newport, EDM Edmonton, etc.

26d 12h

I37A	Lemond, Waseca	53.48	63	P	P	12 33 34.1	-0.3
O33A	Hebron	53.59	69	P	P	12 33 34.3	-1.0
R31A	Burdett	53.59	72	P	P	12 33 34.4	-1.0
Q32A	Meitler Ranch,	53.72	71	P	P	12 33 36.1	-0.2
N34A	Lincoln	53.73	68	P	P	12 33 34.6	-1.8
K36A	Gilmore City	53.77	65	P	P	12 33 35.4	-1.2
M35A	Neola	53.80	67	P	P	12 33 36.9	+0.1
J37A	Redenius Farm,	53.84	64	P	P	12 33 36.0	-1.1
R32A	Williams Farm,	53.94	70	P	P	12 33 36.8	-1.0
P33A	Long Quarter,	53.99	71	P	P	12 33 37.3	-1.0
O34A	Beatrice	54.04	69	P	P	12 33 38.3	-0.3
S31A	Mullinville	54.06	73	P	P	12 33 38.1	-0.6
I38A	Scanlan Farm,	54.06	62	P	P	12 33 37.9	-0.8
Q33A	Connelly Farm,	54.14	70	P	P	12 33 38.9	-0.5
K37A	Belmond	54.14	64	P	P	12 33 38.1	-1.1
N35A	Tabor	54.22	67	P	P	12 33 39.7	-0.1
WHN	Wuhan	54.25	276	S	S	12 33 40.3	+0.1
WHN				S	PMZ	12 41 21.0	+5.4
WHN	comp=Z,390nm,2.1s				LZ		
T31A	Randall Ranch,	54.28	73	P	P	12 33 40.3	-0.1
M36A	Felix, Anita	54.32	66	P	P	12 33 39.5	-1.1
P34A	Walnut Farm, R	54.38	69	P	P	12 33 39.9	-1.1
MNTX	Cornudas Mount	54.40	82	P	P	12 33 41.2	0.0
MNTX	Cornudas Mount	54.40	82	eP	P	12 33 42.1	+0.8
MSTX	Muleshoe	54.48	78	P	P	12 33 41.0	-0.9
MSTX	Muleshoe	54.48	78	eP	P	12 33 42.1	+0.2
L37A	Phoenix Point,	54.49	65	P	P	12 33 40.8	-1.0
AMTX	Amarillo	54.53	77	P	P	12 33 42.7	+0.4
AMTX	Amarillo	54.53	77	eP	P	12 33 43.5	+1.2
V30A	Spur Ranch, Mi	54.55	75	P	P	12 33 41.4	-1.1
N36A	Muff Farm, Cla	54.64	67	P	P	12 33 42.5	-0.4
T32A	Huddler Ranch,	54.68	73	P	P	12 33 43.0	-0.3
K38A	Parkesburg	54.71	64	P	P	12 33 42.2	-1.2
Q34A	Chapman	54.72	70	P	P	12 33 43.5	0.0
M37A	Trindle Farm,	54.78	66	P	P	12 33 43.9	-0.1
K39A	Kansas State U	54.80	70	P	P	12 33 43.8	-0.3
K39A	Kansas State U	54.80	70	eP	P	12 33 43.8	-0.3
P35A	Duane Minner,	54.86	69	P	P	12 33 43.5	-1.0
SSLB	Suanglung	54.88	265	eP	P	12 33 44.6	-0.3
L38A	Oak Wood Farm,	54.93	64	P	P	12 33 44.0	-1.0
R34A	Isabella, Hill	54.94	71	P	P	12 33 44.2	-1.0
V31A	Springs Creek L	55.06	75	P	P	12 33 45.8	-0.3
O36A	Bolkow	55.09	68	P	P	12 33 45.5	-0.7
N37A	Lee Faris, Mou	55.11	67	P	P	12 33 46.6	+0.3
U32A	Winter Ranch,	55.16	74	P	P	12 33 46.5	-0.3
XAN	Xi'an	55.24	283	P	P	12 33 48.3	+0.9
XAN				pP	pP	12 34 58.0	+1.5
XAN				sP	sP	12 34 03.0	+3.0
XAN				PP	PP	12 35 52.0	+1.2
XAN				S	S	12 41 30.5	+1.6
XAN				ScS	ScS	12 43 35.3	+1.0
XAN				SS	SS	12 45 12.3	-0.6
XAN	comp=Z,50nm,1.4s				PMZ		
XAN	comp=Z,160nm,5.6s				PMZ		
XAN	comp=Z,440nm,18.4s				LN		
XAN	comp=Z,320nm,17.4s				LZ		
XAN	comp=Z,420nm,18.4s				LZ		
ZAAO	Zalesovo Array	55.25	315	eP	P	12 33 45.4	-1.7
ZALV	Zalesovo Beam	55.25	315	P	P	12 33 45.9	-1.2
ZALV	comp=Z,2.9nm,0.5s,baz=46,slow=7.7,SNR=12				PcP	12 34 47.9	+0.3
ZALV	comp=Z,3.1nm,0.6s,baz=29,slow=3.4,SNR=5.7				LR	12 59 37.0	
ZALV	comp=Z,7.43nm,18.1s,baz=70,slow=38				P	12 33 45.9	-1.2
ZALV	Zalesovo Beam	55.25	315	P	P	12 33 45.9	-1.2
ZALV	comp=Z,3.0nm,0.5s				pmax	pmax	
ZALV	comp=Z,3.0nm,0.6s				pmax	pmax	
ZALV	comp=Z,3.0nm,0.6s				MLR	MLR	
M38A	Pleasantville	55.27	65	P	P	12 33 46.7	-0.7
Q36A	Good Intent, A	55.28	68	P	P	12 33 46.6	-1.0
Q35A	Merger Eighty,	55.29	69	P	P	12 33 46.6	-1.0
X30A	Coker Ranch, T	55.32	77	P	P	12 33 47.0	-0.9
NVS	Novosibirsk	55.36	316	eP	P	12 33 46.2	-1.6
NVS				eP	P	12 34 46.6	
NVS	comp=Z,12nm,0.6s				pmax	pmax	
NVS	comp=N,5.0nm,0.7s				pmax	pmax	
W31A	Holland Ranch	55.39	75	P	P	12 33 47.5	-0.9
S34A	Willow Spring	55.42	71	P	P	12 33 47.5	-1.0
O37A	Wolven Farm, M	55.54	67	P	P	12 33 49.0	-0.4
R35A	Emporia Municipi	55.55	70	P	P	12 33 48.4	-1.1
Q36A	Arnold C. Orve	55.56	69	P	P	12 33 48.6	-1.0
V32A	Arapaho	55.58	74	P	P	12 33 48.4	-1.3
X31A	McDonald Ranch	55.74	76	P	P	12 33 50.1	-0.9
P37A	Lathrop	55.80	68	P	P	12 33 50.3	-1.0
T34A	McCleskey Farm	55.82	72	P	P	12 33 50.6	-0.9
W32A	Sentinel	55.85	75	P	P	12 33 51.5	-0.3
S35A	Otter Creek Ra	55.90	71	P	P	12 33 51.1	-1.0
Z30A	Sanderson Ranc	55.95	78	P	P	12 33 52.0	-0.5
JFWS	Jewell Farm	55.95	62	eP	P	12 33 52.1	-0.2
JFWS				pmax	pmax		
JFWS	comp=Z,36nm,1.1s						
JFWS	Jewell Farm	55.95	62	eP	P	12 33 52.0	-0.2
O38A	Galt	55.95	67	P	P	12 33 51.4	-1.0

2010 DEC

R36A	Gordon, Harris	55.96	70	P	P	12 33 51.5	-1.0
V33A	Lossen Ranch,	55.97	74	P	P	12 33 50.9	-1.7
U34A	Anderson Ranch	56.01	73	P	P	12 33 52.2	-0.6
U34A	Anderson Ranch	56.01	73	eP	P	12 33 52.9	+0.1
N39A	Derby Farms, D	56.02	65	P	P	12 33 52.3	-0.5
Y31A	Rieketa Farm,	56.02	77	P	P	12 33 52.1	-0.9
Q37A	Longview Farm,	56.21	68	P	P	12 33 53.3	-1.0
P38A	Dawn	56.25	67	P	P	12 33 53.5	-1.0
T35A	Sooner Cattle	56.30	71	P	P	12 33 53.5	-1.4
X32A	Elmer	56.30	75	P	P	12 33 54.1	-0.9
S36A	Lake Cedric, C	56.30	70	P	P	12 33 54.0	-0.9
W33A	Caddo, Fort Co	56.31	74	P	P	12 33 54.0	-0.9
R37A	Teagarden Farm	56.36	69	P	P	12 33 54.3	-1.0
WMOK	Wichita Mounta	56.40	75	eP	P	12 33 55.5	-0.2
WMOK	Wichita Mounta	56.40	75	eP	P	12 33 55.5	-0.2
WMOK	Wichita Mounta	56.40	75	eP	P	12 33 55.5	-0.2
V34A	Guthrie	56.42	73	P	P	12 33 54.8	-1.0
V34A	Guthrie	56.42	73	eP	P	12 33 55.9	+0.1
Y32A	R-V Farms, Ver	56.49	76	P	P	12 33 55.5	-0.8
Z31A	Sharp Cattle R	56.53	77	P	P	12 33 55.8	-0.9
U35A	Pawnee	56.53	72	P	P	12 33 55.6	-0.9
T36A	Boggs Farm, Ca	56.58	71	P	P	12 33 55.9	-1.0
Q38A	Cooks Store, C	56.64	68	P	P	12 33 56.3	-1.0
W34A	Bridge Creek,	56.67	74	P	P	12 33 57.0	-0.5
W34A	Bridge Creek,	56.67	74	eP	P	12 33 58.1	+0.6
X33A	Lawton	56.70	75	P	P	12 33 56.8	-0.9
S37A	Fort Scott	56.73	70	P	P	12 33 56.9	-1.0
P39A	Salisbury	56.79	67	P	P	12 33 57.2	-1.1
131A	Roby	56.82	78	P	P	12 33 57.8	-0.9
O40A	La Belle	56.87	66	P	P	12 33 58.6	-0.4
V35A	Meyer Ranch, C	56.88	73	P	P	12 33 58.1	-0.9
Z30A	Sterling City	56.91	79	P	P	12 33 58.5	-0.9
LZH	Lanzhou	56.94	288	eP	pP	12 34 00.0	+0.4
LZH				pP	pP	12 34 10.0	+1.3
LZH				sP	sP	12 34 14.3	+2.0
LZH	comp=Z,500nm,4.2s				PMZ		
LZH	comp=Z,840nm,15.8s				LN		
LZH	comp=Z,2um,22.8s				LZ		
LZH	comp=Z,1um,18.1s				LZ		
Z32A	Haskell	56.94	77	P	P	12 33 59.3	-0.2
Q39A	Willow Grove F	56.95	67	P	P	12 33 58.4	-1.1
Y33A	Hilltop Ranch,	56.98	75	P	P	12 33 58.9	-0.9
R38A	Fenwick Farm,	56.99	69	P	P	12 33 58.7	-1.0
X34A	Smith Ranch, M	57.06	74	P	P	12 34 00.4	0.0
GTA	Gaotai	57.08	293	eP	pP	12 34 00.8	+0.3
GTA				pP	pP	12 34 11.0	+1.3
GTA				sP	sP	12 34 15.0	+1.8
GTA				S	S	12 41 52.9	+0.9
GTA				sS	sS	12 42 10.3	+1.9
GTA	comp=Z,18nm,1.1s				PMZ		
GTA	comp=Z,190nm,4.9s				LN		
GTA	comp=Z,860nm,20.0s				LZ		
GTA	comp=Z,750nm,19.5s				LZ		
TX31	Lajitas Ar. Si	57.09	83	eP	P	12 34 00.4	-0.4
TXAR	Lajitas Array	57.09	83	P	P	12 34 00.4	-0.4
TXAR	comp=Z,1.1nm,0.5s,baz=304,slow=5.7,SNR=20				pmax	pmax	
TXAR	Lajitas Array	57.09	83	P	P	12 34 00.4	-0.4
T37A	Cheneyville 18	57.10	70	P	P	12 33 59.6	-1.0
P40A	Paris	57.17	66	P	P	12 34 00.3	-0.8
330A	Mertzong	57.20	79	P	P	12 34 00.6	-0.9
W35A	Tecumseh	57.27	73	P	P	12 34 00.9	-0.8
ABTX	Abiene, Hawle	57.31	77	P	P	12 34 01.3	-0.8
ABTX	Abiene, Hawle	57.31	77	eP	P	12 34 02.3	+0.1
S38A	Stockton	57.36	69	P	P	12 34 00.8	-1.6
Z31A	Bronite	57.37	78	P	P	12 34 01.8	-0.8
Z33A	Whitaker Ranch						

26d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR, QSPA, CMAR, NVAR, ILAR, GERES.

IDC 26 12:43:09.9.3.1.51.42N:176.25W, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.5/4, mbtm3.3/4, Error ellipse: s-maj=25.7km, s-min=26.9km, az=0.0

NEIC 26 12:43:12.1.1.51.10N:176.14W, h25km, ML3.1(AEIC), After AEIC

IDC 26 12:43:09.7.2.3.51.15N:008.176:13W:0.04, h6km±14km, n32,±0.65/33, mb3.5/4, Andreanof Islands

Main table for 26d 13h section, listing station codes, names, coordinates, and seismic data for various stations like ETKA, GSKC, ADAG, etc.

IDC 26 12:51:45.4.1.2.27.3N:0.1x143:5E:0.1, h10km, mb3.6/4, Error ellipse: s-maj=17.6km, s-min=17.2km, az=164.5

IDC 26 12:51:46.3.1.5.27.19N:143:43E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/38, mbtm3.3/5, ML3.8/1, Error ellipse: s-maj=36.8km, s-min=22.4km, az=74.0

IDC 26 12:51:47.8.1.4.27.3N:0.1x143:4E:0.1, h10km, n6, ±0.98/7, mb3.6/4, Bonin Islands region

Table for Bonin Islands region, listing station codes like JCJ, MJAR, WRA, MKAR, ASAR, FINES, YKA.

IDC 26 13:03:05.3.1.7.51.69N:176.29W, h0km, mb3.5/7, mb1 3.8/8, mb1mx3.5/46, mbtm3.6/8, ML3.7/1, Error ellipse: s-maj=17.1km, s-min=18.3km, az=176.0

IDC 26 13:03:07.2.0.8.51.11N:0.07:176:12W:0.06, h47km, mb3.7/7, Error ellipse: s-maj=10.7km, s-min=5.4km, az=171.9

NEIC 26 13:03:07.3.51.12N:176.14W, h26km, ML3.4(AEIC), After AEIC

IDC 26 13:03:09.7.0.9.51.22N:0.10:176:16W:0.05, h47km, n34, ±1.24/31, mb3.6/7, Andreanof Islands

Main table for 26d 13h section, continuing station codes and seismic data for stations like ETKA, GSKC, ADAG, etc.

2010 DEC

Summary table for 2010 DEC with columns: MKAR, GEYT, Time, Res, ISC.

ISCJB 26 13:17:50.7.1.1.26:5N:0.1x143:7E:0.1, h10km, mb3.7/5, Error ellipse: s-maj=24.2km, s-min=12.4km, az=40.4

IDC 26 13:17:50.7.1.5.26:58N:143:72E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/30, mbtm3.7/6, ML3.7/1, Error ellipse: s-maj=48.6km, s-min=20.2km, az=75.0

IDC 26 13:17:52.3.1.3.26:6N:0.1x143:6E:0.1, h10km, n7, ±0.75/8, mb3.7/5, Bonin Islands region

Table for Bonin Islands region, listing station codes like JCJ, MJAR, KLR, WRA, ASAR, MKAR, FINES.

ISCJB 26 13:23:58.6.1.1.26:8N:0.1x144:1E:0.1, h10km, mb3.5/4, Error ellipse: s-maj=18.9km, s-min=12.7km, az=23.7

IDC 26 13:23:59.4.1.2.26:60N:144:06E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/40, mbtm3.5/5, ML3.8/1, Error ellipse: s-maj=32.2km, s-min=22.6km, az=79.0

IDC 26 13:24:00.8.1.2.26:7N:0.1x144:0E:0.1, h10km, n6, ±0.76/7, mb3.6/4, Bonin Islands region

Table for Bonin Islands region, listing station codes like JCJ, MJAR, WRA, ASAR, MKAR, YKA.

IDC 26 13:34:02.6.0.6.19:86S:168:19E, h0km, mb4.7/17, mb1 4.8/20, mb1mx4.8/27, mbtm4.7/20, ML4.2/3, MS4.2/23, MS1 4.2/23, MS1mx4.1/28, Error ellipse: s-maj=18.7km, s-min=14.1km, az=97.0

BUI 26 13:34:03.0.19:70S:168:35E, h12km, mb4.9/40, mb5.4/32, MS5.3/16, MS7 4.9/17

GCMT 26 13:34:04.3.0.2.19:87S:168:22E, h12km, MW5.0/95, Moment Tensor Solution: s45,c56; s95,c142; Duration: 0

Moment Tensor: Scale 10^18Nm; Mr-3.46t; 15; Mw=1.62t; 17; Mw=3.30t; 11; Mw=0.43t; 32; Mw=0.20t; 08; Mw=1.62t; 27; Best double couple: Ms3.776000x10^16

N1=15.000000; N2=0.000000; N3=82.000000; P=169.000000; S=833.000000; T=103.000000; Principal axes: T 3.6710, P1g13.000000, Azm88.000000; N 0.2150, P1g7.000000, Azm180.000000; P -3.8820, P1g76.000000, Azm297.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 26 13:34:04.3.0.2.19:84S:168:21E, h10km, mb5.3/43, Error ellipse: s-maj=7.1km, s-min=5.7km, az=149.0

ISCJB 26 13:34:05.1.0.2.19:93S:0.04:168:23E:0.03, h25km, mb5.1/64, MS4.2/21, Error ellipse: s-maj=5.3km, s-min=4.1km, az=149.1

BGR 26 13:34:05.8.20:59S:169:74E, h33km, MOS 26 13:34:06.2.1.14.13:35S:169:19E, h33km, mb5.3/23, Error ellipse: s-maj=10.5km, s-min=8.7km, az=173.0

AUST 26 13:34:10.4.2.2.19:85S:168:44E, h69km, 17km, Error ellipse: s-maj=16.6km, s-min=7.1km, az=52.0

IDC 26 13:34:06.1.0.3.19:96S:0.05:168:32E:0.06, h25km, n270, ±1.31/261, mb5.2/33, MS4.2/20, 3C-4D, Vanuatu Islands

DZM Mt Dzumak 2.74 219 Op ISC h m s ISC 76m, 0.3s, baz=0.0, slow=15, SNR=61

DZM comp=2.9um, 18.1s, baz=188, slow=39

MSVF Nonsavu 9.47 78 eP Pn 13 36 26.6 +5.4

MSVF Nonsavu 9.47 78 eP Pn 13 36 26.2 +5.0

MSVF Nonsavu 9.47 78 eP Pn 13 36 26.6 +5.4

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

HNR HNR 13.22 32 Pn 13 37 10.2 -2.3

1608

Main table for 1608 section, listing station codes, names, coordinates, and seismic data for stations like PMG, LTZ, QLP, CMSA, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like QIZ, QSPA, NJ2, PSI, USRK, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like AFDM, SNA, SNA, SNA, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CLL, GOC, GOC, PRU, etc.

Table with columns: FINES, FINES Array B, 149.88 332, PKPbc, PKPbc, 14 19 36.4 -2.1, etc.

DDA 26 14:10:06.4, 40.48N, 25.31E, h5km, Md3.1
ATH 26 14:10:11.9, 40.34N, 25.48E, h27km, 1km, MD2.7/6
ISK 26 14:10:11.9, 40.28N, 25.93E, h27km, MD2.9

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: DZM, MSVF, CTA, CTAO, STKA, STKA, WRAB, WRAB, ASAR, ASAR, FITZ, FITZ, CMAR, CMAR, NVAR, NVAR, ILAR, ILAR, GERE, GERE

IDC 26 14:15:48.3, 2.3, 19.71S, 168.19E, h0km, mb3.9/5,
mb1 4.1/6, mb1mx3.8/39, mbmp3.9/6, Error ellipse:
s-maj=69.1km s-min=29.9km az=134.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NIED 26 14:16:00.27, 10N, 143.70E, h8km, Mw3.7 Best double
couple: M=3.53000e1014 NP1=1.76, 0.00000, 856.00000,
lambda=26.00000, NP2=2.81, 0.00000, 868.00000,
lambda=143.00000

JMA 26 14:16:55.3, 0.2, 27.10N, 143.70E, h0km, M3.9
IDC 26 14:16:58.7, 1.2, 26.38N, 141.25E, h0km, mb4.0/5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 26 14:20:53.8, 0.7, 51.33N, 178.09E, h0km, mb4.0/20,
mb1 4.2/22, mb1mx4.0/50, mbmp4.1/22, ML2.3/1, MS3.1/1,
Ms1 3.1/1, ms1mx2.5/48, Error ellipse: s-maj=21.6km
s-min=12.6km az=165.0

NEIC 26 14:20:58.3, 1.0, 51.32N, 178.04E, h27km, mb4.5/1,
ML4.0(AIC), Error ellipse: s-maj=10.6km s-min=4.9km
az=181.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: H11N3, H11N1, H11S1, H11S3, H11S2, YKA, YKA, YKA, SONM, NVAR, PDAR, SPITS, ZALV, ARCES, MKAR, TXAR, FINES, NOA, CMAR, TAPN, ODAN, GUN, RAMM, KKN, PKI, PKIN, DMN, KOLN, AKASE, WRA, BRTR, ASAR, BOSA

GUC 26 14:25:19.0, 0.7, 21.18S, 69.08W, h107km, gkm, ML3.6,
8C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 26 14:33:25.4, 0.6, 51.30N, 176.17W, h0km, mb4.2/28,
mb1 4.3/29, mb1mx4.2/60, mbmp4.2/29, ML3.9/1, MS3.5/6,
Ms1 3.5/6, ms1mx3.2/42, Error ellipse: s-maj=20.1km
s-min=11.0km az=166.0

NEIC 26 14:33:26.5, 0.3, 51.01N, 176.09W, h10km, mb4.5/20,
ML3.9(AIC), Error ellipse: s-maj=6.5km s-min=4.4km
az=175.0

MOS 26 14:33:26.7, 1.1, 51.27N, 176.11W, h21km, mb4.6/22,
Error ellipse: s-maj=12.2km s-min=8.7km az=85.0

ISCJB 26 14:33:30.4, 0.3, 51.21N, 0.05E, 176.10W, 0.04, h47km,
mb4.3/40, MS3.5/5, Error ellipse: s-maj=7.0km
s-min=3.4km az=166.8

BJI 26 14:33:32.2, 51.80N, 176.55W, h42km, mb4.9/44,
mb5.2/27, MS3.9/11, Ms1 4.5/11

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

1615

Table with columns: WET, SVE, CLL, ROTZ, TANN, SOKR, GRF, WSAR, KKAR, FINES, CLZ, ZRNK, HMC, TNS, BRVK, BVAR, KEST, VOSK, CHKZ, WLF, AAK, AAK, AAK, HFS, HFS, HFS, FRU, NOA, NOA, NOA, ATD, KURBB, KURBB, KURK, ARCES, ARCES, MKAR, MKAR, NVS, ZALV, ZALV, ESDC, TAM, TAM, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ

2010 DEC

Table with columns: WMQ, KOLN, DMN, KKN, PUN, RAMN, KMBO, TAPN, ODAN, TORO, GTA, ULN, ULN, ULN, ULN, BOD, LZH, DBIC, DBIC, HHC, HHC, HHC, HHC, XAN, XAN, XAN, CHTO, CHTO, CHTO, CMAR, CMAR, CMAR, YAK, YAK, SEY, SEY, BIL, BIL, BIL, BOSA, BOSA, BOSA, MJAR, YKA, YKA, JHJ, ULM, ULM, ULM, PDAR, BEO, ISCJ/B, PDG, CSEM, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC

26d 15h

Table with columns: BRY, PVY, UPM, UPM, UPM, BEY, BEY, IVA, IVA, PLE, PLE, SJS, SJS, SJS, IVAS, IVAS, BBL, BBL, SEL, SEL, SEL, DIVS, DIVS, DIVS, DIVS, GRU, GRU, BZS, BZS, PKSM, PKSM, IDC 26 15:41:50.7, IDC 26 15:46:01.4, IDC 26 15:47:41.0, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC

26d 15h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 42.58 230 T, WAKE ISLAND Hy 43.72 229 T, WAKE ISLAND Hy 43.74 229 T, etc.

ISCJJB 26 15:51:47.2±1.5, 19.39Sx167.86E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.7/41, mbtm3.6/5, ML3.1/1, Error ellipse: s-maj=52.3km s-min=24.7km az=133.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mt Dzumac, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array.

ISCJJB 26 15:51:15.7±0.4, 40.34N, 0.02±25.81E, h2km, mb3.3/3, Error ellipse: s-maj=2.7km s-min=2.3km az=33.1

ISC 26 15:51:15.2, 40.36N, 25.80E, h8km, MD3.3

ATH 26 15:51:15.6, 40.35N, 25.83E, h29km, 1km, MD3.4/20

DDA 26 15:51:16.9, 40.31N, 25.95E, h11km, ML3.1/3

THE 26 15:51:16.9, 40.32N, 25.83E, h14km, ML3.3/7, Error ellipse: s-maj=1.0km s-min=0.5km az=53.0

CSEM 26 15:51:16.1±0.1, 40.33N, 25.82E, h10km, MD3.4, Error ellipse: s-maj=1.0km s-min=1.0km az=176.0

ISC 26 15:51:15.8, 1.0, 40.33N, 0.02±25.80E, h9km, qkm, n166, -0871/202, 13C-5D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, GELI Tayfur-Gelibol, BOZC Bozcaada, ALN Alexandroupoli, etc.

ISC 26 15:53:54.0, 1.3, 45.07N, 111.19W, h0km, mb1 3.1/3, mb1mx3.0/45, mbtm2.8/3, ML3.2/3, Error ellipse: s-maj=36.6km s-min=7.0km az=55.0

NEIC 26 15:53:54.0, 44.72N, 111.74W, h11km, ML3.2(BUT), After GUT.

ISC 26 15:53:53.5±0.7, 44.80N, 0.02±11.71W, h2km, 6km, n74, c149/99, Heben Lake region, Montana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPMT Teepee Creek, QLMT Earthquake Lak, BGMT Barton Gulch, etc.

2010 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHOS Chios island, CHOS Chios island, URLA Izmir, etc.

ISCJJB 26 15:51:47.2±1.5, 19.39Sx167.86E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.7/41, mbtm3.6/5, ML3.1/1, Error ellipse: s-maj=52.3km s-min=24.7km az=133.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNT Kendrickon, ORLT Orhanelli, ORLT Orhanelli, etc.

ISCJJB 26 15:51:15.7±0.4, 40.34N, 0.02±25.81E, h2km, mb3.3/3, Error ellipse: s-maj=2.7km s-min=2.3km az=33.1

ISC 26 15:51:15.2, 40.36N, 25.80E, h8km, MD3.3

ATH 26 15:51:15.6, 40.35N, 25.83E, h29km, 1km, MD3.4/20

DDA 26 15:51:16.9, 40.31N, 25.95E, h11km, ML3.1/3

THE 26 15:51:16.9, 40.32N, 25.83E, h14km, ML3.3/7, Error ellipse: s-maj=1.0km s-min=0.5km az=53.0

CSEM 26 15:51:16.1±0.1, 40.33N, 25.82E, h10km, MD3.4, Error ellipse: s-maj=1.0km s-min=1.0km az=176.0

ISC 26 15:51:15.8, 1.0, 40.33N, 0.02±25.80E, h9km, qkm, n166, -0871/202, 13C-5D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYBD Zeytinkoy-Aydi, AYBD Zeytinkoy-Aydi, VIL2 Vilos, etc.

ISC 26 15:53:54.0, 1.3, 45.07N, 111.19W, h0km, mb1 3.1/3, mb1mx3.0/45, mbtm2.8/3, ML3.2/3, Error ellipse: s-maj=36.6km s-min=7.0km az=55.0

NEIC 26 15:53:54.0, 44.72N, 111.74W, h11km, ML3.2(BUT), After GUT.

ISC 26 15:53:53.5±0.7, 44.80N, 0.02±11.71W, h2km, 6km, n74, c149/99, Heben Lake region, Montana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU Haha-jima-NKT, JHU Haha-jima-NKT, BSO1 Boso 1, etc.

1616

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, GCMT Greycliff, etc.

ISCJJB 26 15:55:03.6±2.8, 5.95N, 127.37E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/42, mbtm3.5/3, Error ellipse: s-maj=211.9km s-min=27.5km az=66.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGMT Eggleton, EGMT Eggleton, BSMT Bassoco Peak, etc.

ISC 26 15:55:18.6±1.3, 5.0N, 0.1±125.9E, h3km, h100km, n7, c3912/7, mb3.2/3, 1C-2D, Talaud Islands

ISC 26 15:55:03.6±2.8, 5.95N, 127.37E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/42, mbtm3.5/3, Error ellipse: s-maj=211.9km s-min=27.5km az=66.0

ISC 26 15:55:18.6±1.3, 5.0N, 0.1±125.9E, h3km, h100km, n7, c3912/7, mb3.2/3, 1C-2D, Talaud Islands

ISC 26 15:55:18.2±0.1, 8.27N, 140.08±143.58E, 0.06, h10km, n24, c1911/27, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPH General Santos, GSPH General Santos, DMPH Davao City-Mi, etc.

ISC 26 15:55:03.6±2.8, 5.95N, 127.37E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/42, mbtm3.5/3, Error ellipse: s-maj=211.9km s-min=27.5km az=66.0

ISC 26 15:55:18.6±1.3, 5.0N, 0.1±125.9E, h3km, h100km, n7, c3912/7, mb3.2/3, 1C-2D, Talaud Islands

ISC 26 15:55:18.2±0.1, 8.27N, 140.08±143.58E, 0.06, h10km, n24, c1911/27, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJ Chichijima, CBJ Chichijima, JCU Kufur, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 26 17:35:36.0.2.1, 6.57S, 129.42E, h0km, mb3.3/1, mb1 3.9/3, mb1mx3.2/2b, mbtmp3.1/3, ML3.3/2, Error ellipse: s-maj=121.2km s-min=31.5km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

KRSC 26 17:36:39.9.1.0, 50.94N, 157.73E, h48km, 1.7km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PAU Puzhetka, SKR Severo-Kuril's, ASAK Asacha, etc.

JMA 26 17:40:24.9.0.1, 27.15N, 143.58E, h41km, M4.1, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, JODJ Odawara 2, etc.

IDC 26 17:45:29.2.2.1, 19.66S, 168.14E, h0km, mb4.2/6, mb1 4.4/7, mb1mx3.9/3b, mbtmp4.2/7, ML2.1, MS2.5/1, Ms1 2.5/1, ms1mx2.3/34, Error ellipse: s-maj=57.9km s-min=29.0km az=136.0

ISCJB 26 17:45:31.4.1.8, 19.8S, 0.1x168.1E, 0.3, h26km, mb4.1/5, Error ellipse: s-maj=39.4km s-min=12.9km az=24.3

ISC 26 17:45:32.7.2.1, 19.9S, 0.2x168.2E, 0.4, h26km, n7, 19.087, mb4.1/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 26 17:47:48.0.1.8, 1.49N, 126.45E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/40, mbtmp3.7/4, Error ellipse: s-maj=153.3km s-min=23.8km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 26 17:50:01.6.2.7, 26.74N, 143.60E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.3/3b, mbtmp3.6/3, ML3.5/1, MS3.1/1, Ms1 3.1/1, ms1mx2.1/43, Error ellipse: s-maj=56.4km s-min=22.1km az=47.0

ISCJB 26 17:50:02.6.1.2, 26.99N, 0.10, 143.84E, 0.08, h33km, ms3.6/2, MS3.0/1, Error ellipse: s-maj=13.7km s-min=10.4km az=176.0

JMA 26 17:50:06.3.27.20N, 143.56E, h20km, M3.8, ISC 26 17:50:05.3.1.6, 26.9N, 0.1, 143.7E, 0.1, h35km, n8, 19.059, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, JRY Ryogami san, etc.

MAN 26 18:00:05.15.09N, 123.23E, h0km, mb4.7, ML3.6, MS3.6, 1C, Philippines Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GQP Guinayanang, GNP Balabac, BALP Baler, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like BALP Sandres, AUOP Boac, BOAC Boac, etc.

IDC 26 18:00:23.2.1.1, 27.02N, 143.53E, h0km, mb3.5/6, mb1 3.9/7, mb1mx3.6/37, mbtmp3.6/7, ML3.9/1, Error ellipse: s-maj=28.1km s-min=18.3km az=169.0

JMA 26 18:00:26.8.27.26N, 143.58E, h69km, ISCJB 26 18:00:28.1.0.9, 27.42N, 0.06, 143.49E, 0.08, h33km, mb3.5/6, Error ellipse: s-maj=11.0km s-min=6.2km az=34.2

ISC 26 18:00:28.0.9, 27.22N, 0.08, 143.54E, 0.09, h35km, n16, 19.112, 20, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

IDC 26 18:01:47.4.8.1, 24.89S, 178.75W, h566km, g9gkm, mb3.1/5, mb1 3.4/5, mb1mx3.4/5, mbtmp4.0/5, Error ellipse: s-maj=159.9km s-min=45.2km az=169.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 26 18:03:15.8.2.9, 30.41S, 177.74W, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/3b, mbtmp3.6/4, ML3.2/1, Error ellipse: s-maj=92.4km s-min=32.4km az=111.0

ISC 26 18:03:19.1.2.5, 30.37S, 0.08, 177.7W, 0.4, h33km, n6, 19.130, mb3.8/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, CTA Charters Tower, etc.

MOS 26 18:11:50.8.1.5, 49.31N, 156.14E, h78km, mb4.4/1, Error ellipse: s-maj=99.9km s-min=14.6km az=81.8

KRSC 26 18:11:50.8.1.6, 49.31N, 156.14E, h78km, 2.7km, ML4.3, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, URZ Urewera, CTA Charters Tower, etc.

IDC 26 18:18:28.0.8.16, 48S, 177.51W, h0km, mb4.2/11, mb1 4.4/11, mb1mx4.2/33, mbtmp4.2/11, MS3.9/19, Ms1 3.9/19, ms1mx3.7/34, Error ellipse: s-maj=40.7km s-min=17.5km az=143.0

NEIC 26 18:18:28.7.0.7, 16.97S, 177.35W, h10km, mb4.4/3, Error ellipse: s-maj=24.9km s-min=12.6km az=146.0

ISCJB 26 18:18:30.7.0.7, 17.0S, 0.2x177.3W, 0.09, h35km, mb4.3/15, MS3.9/16, Error ellipse: s-maj=25.4km s-min=8.9km az=158.3

BGR 26 18:18:38.0.16, 70S, 177.77W, h33km, ISC 26 18:18:38.0.8, 17.2S, 0.2x177.5W, 0.1, h35km, n71, 19.157, 50, mb4.4/15, MS3.8/16, 8C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MSVF Nonavsu, AFJ Afiamalu, RAO Raoul Island, etc.

Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like URZ Urewera, HNR Honiara, PAE Paea, etc.

26d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, YKA Yellowknife Ar, NVAR Milna Array Bea.

ISCJB 26 18:32:29.9, 0.7, 26.8N, 0.1, 143.58E, 0.09, h10km, mb3.8/10, Error ellipse: s-maj=15.5km s-min=10.6km az=22.5

IDC 26 18:32:30.0, 0.8, 26.84N, 143.63E, h0km, mb3.7/9, mb1 3.9/10, mb1mx3.7/40, mbtmp3.7/10, ML3.5/1, Error ellipse: s-maj=22.0km s-min=16.4km az=73.0

ISC 26 18:32:31.6, 0.8, 26.9N, 0.1, 143.55E, 0.08, h10km, n12, s=1508/13, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Ar, FINES FINESS Array B.

IDC 26 18:34:51.2, 1.5, 4.85S, 145.23E, h0km, mb4.0/4, mb1 4.2/6, mb1mx3.7/40, mbtmp4.1/6, ML3.5/2, Error ellipse: s-maj=41.3km s-min=24.6km az=116.0

AUST 26 18:35:03.8, 1.3, 5.31S, 145.40E, h84km, Error ellipse: s-maj=1.6km s-min=0.9km az=265.0

ISC 26 18:34:53.7, 0.8, 4.85S, 145.23E, 0.1, h10km, n16, s=190/14, mb3.8/4, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MANU Manus Island, PMG Port Moresby, COEN Coen, MTSU Mount Surprise, PATS Pohnppei, WRA Warramunga Arr, KNRA Kunurra, SANI Sanana, QLP Quilpie, ASAR Alice Springs, LUWI Luwuk, FITZ Fitzroy Crossi, WRKA Warakura, STKA Stephens Creek, ILAR Eielson Array.

ISCJB 26 18:35:34.8, 0.6, 26.87N, 0.09, 143.57E, 0.08, h10km, mb3.7/14, MS3.5/1, Error ellipse: s-maj=12.6km s-min=10.3km az=9.3

IDC 26 18:35:35.0, 0.7, 26.88N, 143.51E, h0km, mb3.7/14, mb1 4.0/16, mb1mx3.8/45, mbtmp3.8/16, ML3.2/2, MS3.5/1, Ms1 3.5/1, ms1mx2.4/34, Error ellipse: s-maj=17.5km s-min=16.5km az=78.0

ISC 26 18:35:36.4, 0.8, 26.9N, 0.1, 143.51E, 0.09, h10km, n18, s=1503/20, mb3.7/14, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, WRA Warramunga Arr, WRA Eielson Array, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, MKAR Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Ar, FINES FINESS Array B, NVAR Milna Array Bea, AKASG Malin Array Bea, PDAR Piedale Array, LPAZ La Paz.

ISCJB 26 18:39:50.6, 0.6, 27.14N, 0.06, 143.82E, 0.05, h10km, mb3.8/14, Error ellipse: s-maj=8.5km s-min=6.0km az=164.2

IDC 26 18:39:51.3, 0.9, 27.05N, 143.81E, h0km, mb3.8/11, mb1 3.9/11, mb1mx3.8/37, mbtmp3.8/13, ML3.5/2, Error ellipse: s-maj=25.5km s-min=16.6km az=85.0

NEIC 26 18:39:52.7, 0.6, 27.07N, 143.74E, h10km, mb4.4/3, Error ellipse: s-maj=17.3km s-min=10.3km az=77.0

JMA 26 18:39:54.9, 0.3, 27.54N, 143.45E, h0km, MS3.5

ISC 26 18:39:52.7, 0.7, 27.14N, 0.07, 143.72E, 0.06, h10km, n25, s=128/31, mb4.0/17, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichijima.

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichijima, JCY Chichijima, JHHJ Haha-jima-NKT, JHHJ Haha-jima, JHU Ryogami san, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KSRS Korea Arr, KSAR Wonju Array Be, KLR Kul'dur, PETK Petropavlovsk, CMAR Chiang Mai Arr, CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, MKAR Kurchatov Arr, STKA Stephens Creek, KKAR Karatay Array, YKA Yellowknife Ar, FINES FINESS Array B, AKASG Malin Array Be.

IDC 26 18:51:44.0, 2.0, 26.75N, 144.27E, h0km, mb3.4/2, mb1 3.3/3, mb1mx3.3/34, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=65.6km s-min=29.9km az=66.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, JCJ comp=Z, 194nm, 19.2s, bazz=2.5, slow=21, JCJ 24nm, 0.3s, bazz=288, slow=20, SNR=6.2, MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Array.

IDC 26 19:09:06.9, 2.0, 2.32S, 127.61E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.2/35, mbtmp3.1/3, ML3.0/1, Error ellipse: s-maj=161.9km s-min=26.0km az=67.0, Ceram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 26 19:10:41.0, 0.9, 19.66S, 168.33E, h0km, mb4.5/14, mb1 4.6/16, mb1mx4.5/20, mbtmp4.5/16, ML3.2/2, MS3.7/7, Ms1 3.7/7, ms1mx3.3/39, Error ellipse: s-maj=20.3km s-min=17.3km az=134.0

ISCJB 26 19:10:42.6, 0.5, 19.72S, 0.06, 168.35E, 0.07, h25km, mb4.4/14, MS3.6/3, Error ellipse: s-maj=10.6km s-min=7.5km az=36.2

AUST 26 19:10:42.4, 5.8, 0.19, 82S, 168.46E, h1km, Error ellipse: s-maj=6.1km s-min=2.1km az=248.0

NEIC 26 19:10:42.2, 0.5, 19.69S, 168.33E, h10km, mb4.3/3, Error ellipse: s-maj=12.4km s-min=10.1km az=160.0

ISC 26 19:10:44.5, 0.6, 19.75S, 0.08, 168.38E, 0.08, h25km, n45, s=1531/42, mb4.5/14, MS3.5/3, 2C-10, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 20nm, 0.3s, bazz=180, slow=20, SNR=56, MSVF Nonavau, HNR Honiara, HNR 1.6nm, 0.3s, bazz=41, slow=18, SNR=3.9, RMQ Rom-Z, AFI Afiamalu, URZ Uru, CTAO Charters Tower, CNB Canberra Magne, YNG Young, PMG Port Moresby, PMG Port Moresby, CAN Canberra, QLP Quilpie, GMSG Cobar Meteorol, COEN Coen, STKA Stephens Creek, STKA 1.5nm, 1.0s, bazz=75, slow=12, SNR=7.8, WRAB Tennant Creek, WRA Warramunga Arr, JAR Jayapura, ASAR Alice Springs, ASAR 1.3nm, 0.9s, bazz=83, slow=8, SNR=112, WRKA Warakura, KNRA Kunurra, FITZ Fitzroy Crossi, SOEI Soe, SOEI 644, SNR=8.7.

1620

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANI Sanana, KLBRR Kellerberrin, MJAR Matsushiro Arr, USRK Ussuriysk Arr, PETK Petropavlovsk, LHMI Lhok Sumawe, CMAR Chiang Mai Arr, ULN Ulanbaatar, SONNA Songino Array, SAMA Sanae, NVAR Milna Array Bea, ILAR Eielson Array, YKA Yellowknife Ar, KHC Khaspeke Hory, GERES Geres, ARSA Arzberg, MOA Molin, SOKA Soboth, WLF Walferdang, TORD Torodi Arr, TORD Torodi Arr.

NSSP 26 19:16:42.9, 38.24N, 45.17E, h7km, Ms3.2, DDA 26 19:16:46.2, 38.53N, 45.03E, h5km, Ms3.3, CSEM 26 19:16:49.3, 0.6, 38.48N, 45.00E, h2km, MD3.3, Error ellipse: s-maj=13.6km s-min=8.0km az=138.0

ISC 26 19:16:47.4, 1.3, 38.45N, 0.04, 45.04E, 0.03, h5km, n11, km, n39, 0.96/61, 2C-40, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CLDR Caldian, VMUR Van-Muradiye, VMUR Van-Muradiye, TVAN Van, TVAN Van, TVAN Van, VANS Van, VANS Van, HKR Hakkari, HKR Hakkari, GEVA Gevas, GEVA Gevas, GEVA Gevas, CUKT Cukurca, CUKT Cukurca, GNI Garni, GNI Garni, VADZ Vardenis, VADZ Vardenis, VADZ Vardenis, STKZ STKZ, STKZ STKZ, AGRB Hanur-Agry, ARB Hanur-Agry, TUTA Tutak, TUTA Tutak, TUTA Tutak, SIRT Sirkak, SIRT Sirkak, SIRM S-rnak, SIRM S-rnak, SIRM S-rnak, DIGO Kars, DIGO Kars, DIGO Kars, EATA Eieskirt, EATA Eieskirt, EKAR Karacaban, EKAR Karacaban, EKAR Karacaban, EAK Akyaka, EAK Akyaka, EAK Akyaka, STEZ Stepanevan, HOMI Horasan, DARG David-gareji.

IDC 26 19:25:28.9, 1.7, 17.04S, h103km, mb3.7/2, mb1 3.8/5, mb1mx3.3/33, mbtmp3.4/15, Error ellipse: s-maj=22.3km s-min=12.6km az=38.0, Near coast of Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ 2.4nm, 0.3s, bazz=264, slow=11, SNR=44, NNA Nazca, NNA 2.2nm, 0.3s, bazz=145, slow=10, SNR=6.2, LVC Limon Verde, LVC 6.7nm, 0.3s, bazz=341, slow=8, SNR=9.5, LVC 122nm, 0.3s, bazz=108, slow=20, SNR=15, TORD Torodi Arr, YKA Yellowknife Ar, H1N3 WAKE ISLAND Hy23.61 283 T, H1N2 WAKE ISLAND Hy23.63 283 T, H1N1 WAKE ISLAND Hy23.63 283 T, H1S2 WAKE ISLAND Hy23.64 281 T, H1S1 WAKE ISLAND Hy23.64 281 T, H1S3 WAKE ISLAND Hy23.65 281 T.

IDC 26 19:38:05.2, 1.1, 52.24N, 171.77W, h0km, mb3.6/10, mb1 3.8/11, mb1mx3.6/59, mbtmp3.6/11, ML3.4/1, Error ellipse: s-maj=31.8km s-min=19.1km az=5.0

NEIC 26 19:38:13.2, 52.08N, 171.44W, h34km, ML3.7(AEIC), After AEIC

ISCJB 26 19:38:14.1, 1.0, 6.52N, 0.1, 171.59W, 0.07, h80km, 5km, mb3.8/10, Error ellipse: s-maj=24.2km s-min=3.9km az=164.6

ISC 26 19:38:14.71.2.523N-02.17154W,0.05,h72km,11km, n31,c087/37,mb3.6/10,Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSE Korovin Southe, KOPF Korovin Flat P, ATKA Atka Island, etc.

IDC 26 19:38:20.0.0.4, 19.69S; 168.34E, h0km, mb5.3/33, mb1 5.3/36, mb1mx5.2/44, mbtmp5.2/36, ML4.9/3, MS5.1/37, Ms1 5.1/37, ms1mx5.1/43, Error ellipse: s-maj=13.4km

GCMT 26 19:38:21.4.0.1, 19.61S; 168.10E, h14km, MW5.5/121, Moment Tensor Solution. s92,c144; s121,c242;

Duration: 154 Moment tensor: Scale 10^17Nm; Mn=0.74±.03, Mw=1.09±.03, Mps=1.83±.03; Mm=1.25±.10; Mm=1.05±.03; Mw=0.72±.07. Best double couple: M2=27500x10^17 Np1=304.00000°, 878.00000°, 1-137.00000°. NP2=203.00000°, 848.00000°, 1-16.00000°. Principal axes: T=2.5430, Plg19.00000°, Azm67.00000°; N=0.3350, Plg45.00000°, Azm316.00000°; P=2.2060, Plg38.00000°, Azm173.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 26 19:38:21.4.0.1, 19.64S; 168.26E, h10km, mb5.8/87, MS5.4/140 Error ellipse: s-maj=4.9km s-min=4.4km az=111.0

BGR 26 19:38:23.2.0.15S:170.06E, h34km, MB5.7, Ms5.3 MOS 26 19:38:24.5.1.4, 19.59S; 169.16E, h33km, mb5.7/59, MS5.3/50, Error ellipse: s-maj=7.8km s-min=7.1km az=131.7

BUI 26 19:38:25.4.19.64S; 168.41E, h47km, mb5.2/45, MB5.6/61, Ms5.5/66, Ms7.5/64

ISCJB 26 19:38:25.3.1.0, 19.71S; 0.03S; 168.22E; 0.02E, h44km, 9km, mb5.5/54, MS5.3/193, Error ellipse: s-maj=5.1km s-min=3.8km az=14.1

AUST 26 19:38:26.5.0.8, 19.65S; 168.38E, h45km, 8km, Error ellipse: s-maj=5.8km s-min=4.6km az=61.0

ISC 26 19:38:26.8.0.4, 19.77S; 0.04S; 168.25E; 0.04E, h44km, 2km, h43km, P-P, n883, r152782, mb5.6/163, MS5.4/192, 55C-23D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Norfolk Island, DZM Nonsavu, etc.

Main table with columns: NIUE Niue, BKZ Black Stump Fm, RIV Riverview, CTA Charters Tower, etc. Includes station codes and seismic data.

Table with columns: WRA, WRA, JAY, ASO1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc. Includes station codes and seismic data.

26d 19h

Table with columns for station codes (KKM, Vnda, Vnda, etc.), names (Kota Kinabalu, Vanda, etc.), frequencies (57.25 291, etc.), and other parameters (P, PFAKE, LR, etc.).

2010 DEC

Table with columns for station codes (NJ2, IPM, YSS, etc.), names (South Pole Qui, Kulim, etc.), frequencies (70.28 282, etc.), and other parameters (P, Pmax, etc.).

1622

Table with columns for station codes (NKL, BJT, BJI, etc.), names (Bajitauau, Beijing, etc.), frequencies (76.76 322, etc.), and other parameters (Pmax, P, etc.).

26d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HUU, HVAL, RPR, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MKAR, YKA, DHRM, etc.

1624

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CNCC, GTEBY, CBN, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like BDFB Brasilia, EKAR Karacobe, FINES FINESS Array B, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like CLL comp=N,500nm,21.9s, SRS Serrai, PRU Pruhonice, etc.

Table with columns: Station Name, Frequency, Power, and various status codes. Includes stations like BEBN Eben Emael, IGT Iguouenitsa, MEM Membach, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Poggio Castell, Pieia, etc.

ISCJB 26:20:30.32:6.0.23.90S:0'09:179.7W:0.1, h512km, mb3.7/7, Error ellipse: s-maj=15.7km s-min=8.6km az=35.8

IDC 26:20:30.32:7.2.5.23.88S:179.73W, h499km, 32km, mb3.2/7, mb1 3.5/10, mb1mx3.3/35, mbtmp4.2/10, Error ellipse: s-maj=34.6km s-min=16.0km az=153.0

ISC 26:20:30.32:9.0.7.24:0S:0'1:179.6W:0.1, h512km, n10, c#189/12, mb3.8/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AF1 Afiamalu, AF1 Alice Springs, DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, NVAR Mina Array Bea, TXAR Lajitas Array, ILAR Eielson Array.

BUL 26:20:32.23:4.7.7.9.63S:24.29E, h83km, 664km

ISCJB 26:20:32.26:4.0.5.9.81S:0'04:25.23E:0.06, h10km, mb3.8/8, Error ellipse: s-maj=8.9km s-min=5.7km az=4.0

IDC 26:20:32.27:0.9.9.9.78S:0'04:29.9E:0.06, h10km, mb3.8/7, mb1 4.1/12, mb1mx3.8/33, mbtmp4.0/12, ML4.4/5, Error ellipse: s-maj=34.5km s-min=15.1km az=75.0

NEIC 26:20:32.28:3.0.5.9.79S:25.00E, h10km, mb4.2/1, Error ellipse: s-maj=16.5km s-min=8.0km az=91.0

ISC 26:20:32.28:1.0.7.9.80S:0'05:25.20E:0.08, h10km, n18, c#210/23, mb3.9/8, Zaire

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ITZ Itzhi-Tezhi, LSZ Lusaka, MZM Mzuzu, MBAR Mbarara, MATP Matopo, DODT Dodoma, Tanzania, KMBO Kilima Mbogo, LBTB Lobatse, BOSHO Bosho, BOSO Bosho, SUR Sutherland, TORD Torodi Arr, BRGT Keskin Array B, ESDC Sonseca Array, GERES GERES Array B, MKAR Makanchi Array, ARCES ARCES Array B, ZALV Zalesovo Beam.

IDC 26:20:39:28:7.1.4.26.53N:144.17E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.4/37, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=37.5km s-min=28.2km az=63.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Array, NVAR Mina Array Bea.

ISCJB 26:20:43:26:3.0.9.27:0N:0'1:143.95E:0'09, h10km, mb3.5/6, Error ellipse: s-maj=16.7km s-min=11.3km az=1.2

IDC 26:20:43:27:0.1.0.26.89N:143.83E, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.5/35, mbtmp3.5/7, ML3.6/1, Error ellipse: s-maj=22.5km s-min=21.9km az=142.0

ISC 26:20:43:28:5.1.0.26.9N:0'1:143.79E:0'08, h10km, n8, c#89/9, mb3.4/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr, NVAR Mina Array Bea.

0.5nm, 0.7s, baz=304, slow=3.9, SNR=2.9

IDC 26:20:48:07.3:1.8.26.81N:141.15E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.3/35, mbtmp3.5/3, ML3.7/1, Error ellipse: s-maj=38.6km s-min=19.7km az=142.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs.

MEX 26:20:51:36.9:0.5.15.30N:93.99W, h16km, 446km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCIG Comitan, CCIG Comitan.

TAP 26:20:56:08:3.22'00N:120.50E, h51km, 1km, ML3.7.D JMA 26:20:56:08:3.0.1.22'00N:120.49E, h61km, 2km, M3.9 ISC 26:20:56:07:2.4.1.21'31N:108.120'40E:0.05, h51km, 9km, n64, c#879/116, 4C-16D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HEN Hengchun, TWK1 Hengchun, TWP Hsialiuichu, TSEB Hengchuen, Pin, SCZT Fangliang, EAST Anshuo, TAW Tawu, KAU Kaohsiung, SGLT Jiouru, ECL Taimali, SSD Sandimen, TWM1 Shoshan, TWM1, LAY Lan-yu, TTN Taitung, TWG Pinglang, TAI Yung-k'ang, CHN3 Shinhua, CHN3, SGST Jiashan, SCLT Jiaili, CHN1 Nanshi, CHN1, STYT Tauiyuan, WTP Ta-pu, WTP Hsinying, ELDTW Lidau, ELDTW, CHN8 Yiju, CHN4 Tsausan, CHN4, CHKT Chengkung, WDGJT Tungji, WDGJT, CHY Chiayi, CHY, CHN2 Minslung, ALS Alishan, YUS Yu-Shan, YUS, TWF1 Yuli, TWF1, CHN5 Tsaling, CHN5, WSF Zshu, WSF, WKG Gukung, WKG, EHY Hungye, EHY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EHY Shilin, PNG Penghu, PNG baz=331, WDT Danda, WNT Mingjian, WNT baz=5.0, SMLT Sun Moon Lake, SMLT baz=11, TYC Yuchir, TYC baz=10.0, ESL Shilin, ESL baz=25, TCU Taichung, TCU baz=4.0, TWD Chiawan, TWD baz=26, TWT Tachien, TWT baz=15, TWQ1 Liyutan, TWQ1 baz=6.0, NSY Sanyi, NNS Nan Shan, NNS baz=18, NSTT Nanjuang, NSTT baz=10.0, ENA Nanau, ENA baz=25, NSK Sangung, NSK baz=25, ENT Nioudou, ENT baz=20, TWC Suao, TWE Neicheng, TWE baz=21, JYJY Yonagunijimaku, JYJY Yonaguni jima, HATJ Hatemuta jima, IRIF Irif, IRIF Irif, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ Ishigakijimahi, JIJ Tarama, JIRB Tarama.

NIED 26:20:58:00.37:30N:141.80E, h35km, Mw4.1 Best double couple: M1.57000x1015 NP2:29.00000, 817.00000, 1.114.00000, NP2:14.00000, 874.00000, 1.83.00000.

ISCJB 26:20:58:34.5:0.4.37.28N:0'03:141.92E:0'04, h24km, mb4.0/22, MS3.7/3, Error ellipse: s-maj=5.0km s-min=3.7km az=41.8

JMA 26:20:58:37.4:0.1.37.30N:141.78E, h44km, 3km, M4.1 JMA 26:20:58:38.8:1.6.37.26N:141.85E, h43km, 14km, mb3.8/19, mb1 3.9/26, mb1mx3.8/51, mbtmp4.0/26, ML3.8/6, MS3.4/6, Mb1 3.4/6, mb1mx3.4/3, Error ellipse: s-maj=14.6km s-min=9.7km az=110.0

NEIC 26:20:58:39.4:1.0.37.35N:141.78E, h47km, 7km, mb4.5/3, MW4.1 (NIED), Error ellipse: s-maj=11.1km s-min=6.9km az=124.0

NEIC Recorded [2 JMA] in Fukushima and [1 JMA] in Miyagi. ISC 26:20:58:36:5:0.6.37.30N:0'05:141.84E:0'05, h24km, n62, c#190/65, mb4.2/22, MS4.0/3, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JFK Kawauchi, ONAJ Iwakimizuishiy, JMT Marumori, JMT Otama, JJO Ouri, JHO Hitachi, JHO, JOU Okura, JOU, JYS Shirataka, JYS Ichinoseki, JMK Matsushiro Arr, MJAR, MJAR, MAJO Matsushiro, MAJO, MAT Matsushiro, MAT, JHJ Hachijo jima 2, ASAJ Asahikawa, ASAJ, JNU Nakatsu, JNU, JNU, USKR Ussuriysk Arr, USKR, KRSR Korea Array, KRSR, KSAR Wonju Arr, KLR Kul'dur, GUMO Guam, SEY Seymchan, SONM Songo Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 27.99 122 T, H11N1 WAKE ISLAND Hy 28.00 122 T, etc.

PGC 2620:58.47.6.0.59.43N:138.65W, h2km, ML2.3/8, 49km east of Yakutat, AK Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PNL Peninsula 0.45 303 P, PCA Pinnacle 1.05 310 P, etc.

ISC/JB 26:21:25:39.2.0.9.26:8N.0.1:143.36E.0.09, h10km, mb3.6/6, Error ellipse: s-maj=18.0km s-min=11.9km az=9.5

ISC 26:21:25:39.4.1.0.26:85N:143.92E, h0km, mb3.6/6, mb1.3/9.1, mb1mx3.6/3.7, mbtmp3.6/11, ML3.6/1, Error ellipse: s-maj=27.5km s-min=19.5km az=93.0

ISC 26:21:25:41.0.1.1.26:39N.0.1:143.8E.0.1, h10km, n8, c1519/P, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima 1.44 278 Pn, MJAR Matsushiro Arr 10.71 335 Pn, etc.

ISC 26:21:31:19.5.1.0.26:82N:143.64E, h0km, mb3.6/8, mb1.3/9.1, mb1mx3.6/3.7, mbtmp3.6/11, ML3.3/3, Error ellipse: s-maj=24.2km s-min=18.7km az=83.0

JMA 26:21:31:22.6.0.3.25N:143.62E, h6km, M3.3, ISC 26:21:31:21.3.1.0.27.01N:0.09:143.66E.0.07, h10km, n19, c1519/21, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJ Chichi jima 1.32 274 P, CBJ Chichijima 1.32 274 Pn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSRS Korea Array 16.88 312 P, USRK Ussuriysk Arr 19.57 334 P, etc.

IDC 26:21:33:09.9.4.4.26:15N:142:55E, h0km, mb3.6/3, mb1.3/8.1, mb1mx3.4/3.6, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=280.1km s-min=24.7km az=84.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima 0.99 341 Op, MJAR Matsushiro Arr 11.00 341 Pn, etc.

WEL 26:21:37:19.2.0.2.36:82S:176:50E, h278km, 3km, ML3.9/12, 4C-1D, Error ellipse: s-maj=5.6km s-min=5.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HAZ Te Kaha 1.38 133 Pn, URJ Urewera 1.52 162 Pn, etc.

NIED 26:21:40:00.27:20N:143:80E, h5km, Mw4.1 Best double couple: M=1.86000x10^15 N=1.317.00000x10^15, lambda=0.00000, lambda=0.00000, NP2=108.00000, 854.00000, lambda=108.00000

IDC 26:21:40:46.5.0.6.26:82N:143:76E, h0km, mb4.0/18, mb1.4/2.21, mb1mx4.1/4.4, mbtmp4.0/21, ML3.9/2, MS3.3/3, Ms1.3/3.3, ms1mx2.8/3.9, Error ellipse: s-maj=15.7km s-min=14.1km az=86.0

NEIC 26:21:40:47.5.0.3.26:78N:143:80E, h10km, mb4.9/23, MW4.1(NIED), Error ellipse: s-maj=9.0km s-min=8.3km az=92.0

MOS 26:21:40:48.0.1.8.26:84N:143:68E, h24km, mb4.3/17, Error ellipse: s-maj=16.8km s-min=8.0km az=115.1, ISC/JB 26:21:40:49.8.0.3.27.01N:0.04:143.80E.0.04, h33km, mb4.5/43, MS3.4/2, Error ellipse: s-maj=5.4km s-min=4.7km az=177.7

JMA 26:21:40:50.0.0.2.27:18N:143:82E, h33km, M4.1, ISC 26:21:40:51.7.0.5.26:37N:0.06:143.75E.0.06, h35km, n120, c1515/112, mb4.6/43, 2C-1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJ Chichi jima 1.40 276 P, JHHJ Haha-jima-NKT 1.44 257 S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YULB Yu-li 20.62 265 eP, SSSL Suanglung 20.83 266 eP, etc.

1629

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PFO, Pinyon Flat Ob, BFOR, Borrego Spring, etc.

IDC 26 21:41:57.7-0.8, 2.46N-96.39E, h0km, mb3.4/18, mb1.4/19, mb1mx4.2/51, mbtmp4.3/19, ML4.2/1, MS3.7/4, Ms1.3/4, ms1mx3.3/36, Error ellipse: s-maj=22.9km s-min=14.9km az=44.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 26 21:42:00.5-0.4, 2.43N-101.04E-96.34E, h0km, mb4.4/28, MS3.7/3, Error ellipse: s-maj=6.8km s-min=4.7km az=31.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 26 21:42:02.2-0.6, 2.45N-100.96E-96.35E, h0km, n8, n15, 15/78, mb4.4/28, MS3.7/3, IC-3D, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

2010 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LSA, Lhasa, LSA, Lhasa, KOLN, Koldanda, etc.

IDC 26 21:41:50.2-6.4, 2.83N-130.98E, h0km, mb3.8/3, mb1.3/8.4, mb1mx3.8/42, Error ellipse: s-maj=12.1km s-min=9.3km az=126.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 26 21:42:05.4-1.1, 2.29N-104.130E-107.07, h45km, gkm, n18, n19/46/29, mb3.7/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

26d 22h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BVAR, Borovoye Array, etc.

IDC 26 22:07:13.6-19.0, 16.83S-179.39W, h45km, 21/0km, mb3.2/4, mb1.3/4, mb1mx3.0/30, mbtmp4.0/4, Error ellipse: s-maj=126.6km s-min=71.3km az=138.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA, Stephens Creek, WRA, Warrunguma Arr, etc.

IDC 26 22:29:42.3-1.1, 19.20S-167.76E, h0km, mb4.0/5, mb1.4/3.6, mb1mx3.9/25, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=52.5km s-min=22.7km az=146.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

WEL 26 22:43:42.0-0.5, 41.161S-178.33E, h33km, ML3.5/15, 2C-1D, Error ellipse: s-maj=4.6km s-min=3.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 26 22:45:57.8-1.0, 2.07N-01:143.36E-0:10, h10km, mb3.5/4, MS4.0/1, Error ellipse: s-maj=17.4km s-min=12.6km az=11.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RANSKI, BANI, SORONG, MASOHI, NAMLEA, etc.

IDC 26:23:50:11.9, 1.5, 38.48N, 92.16E, h0km, mb3.6/10, mb1 3.9/12, mb1mx3.7/40, mbtmp3.7/12, ML3.3/2, Error ellipse: s-maj=34.8km s-min=27.1km az=24.0

ISC 26:23:50:14.2, 0.9, 38.77N, 01:19:17.75E, h0km, mb3.6/9, Error ellipse: s-maj=5.4km s-min=4.7km az=18.4

B/JI 26:23:50:17.9, 38.68N, 92.00E, h10km, mb3.8/1, MB3.8/1, ISC 26:23:50:16.5, 1.1, 38.68N, 01:19:15.3E, h0km, n17, a193/18, mb3.7/9, Qinghai

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Urumqi, Gaotai, Makanchi Array, etc.

ISK 26:23:50:59.6, 38.85N, 27.17E, h8km, MD2.7, Error ellipse: s-maj=5.4km s-min=4.3km az=17.6

DDA 26:23:51:00.5, 38.84N, 27.17E, h12km, MD2.7, Error ellipse: s-maj=3.2km s-min=2.6km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Dikili, Izmir, Akhisar, etc.

ISC 26:23:51:00.2, 1.0, 38.87N, 02:27:18E, h0km, 5km, n36, c084/50, Turkey

ISC 26:23:54:27.0, 1.1, 26.91N, 02:143.38E, h10km, mb3.5/5, Error ellipse: s-maj=22.3km s-min=13.1km az=15.1

IDC 26:23:54:27.1, 1.2, 26.91N, 143.38E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/34, mbtmp3.4/5, Error ellipse: s-maj=60.8km s-min=25.8km az=87.0

ISC 26:23:54:28.9, 1.2, 26.91N, 02:143.37E, h10km, n6, a158/7, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chichijima, WRA, ASAR, etc.

SKHL 26:23:57:08.0, 1.4, 43.71N, 147.57E, h23km, 1km, mb4.7/3, JMA 26:23:57:08.0, 2.3, 43.52N, 147.48E, h3km, M3.0

ISC 26:23:57:08.2, 4.2, 43.71N, 01:147.6E, h1, h45km, n8, a150/12, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Shikotan, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Trabzon, Tunceli-Merkez, etc.

IDC 27:00:00:36.6, 3.9, 1.26S, 12.43W, h0km, mb4.2/7, mb1 4.3/8, mb1mx3.7/22, mbtmp4.2/8, ML3.5/1, MS3.8/19, Ms1 3.8/19, ms1mx3.7/29, 9C-1D, Error ellipse: s-maj=127.4km s-min=48.9km az=152.0, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N2, H10N1, H10N3, etc.

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes entries for BBS, BBLS, HCY, etc.

Table listing astronomical observations for NNC 2700:06:50.5, 8.3, 37.33N-70.45E, h0km, mb3.7, mpv3.3, 4C-2D. Error ellipse: s-maj=74.3km s-min=53.5km az=148.0, Afghanistan-Tajikistan border region

Table listing astronomical observations for ISCJB 27 00:20:39.8, 1.0, 27.22N:01:14:31.6E:0.3, h10km, mb3.7/6, Error ellipse: s-maj=38.9km s-min=14.9km az=169.8

Table listing astronomical observations for ISC 27 00:20:41.8, 1.2, 27.22N:01:14:31.6E:0.3, h10km, n9, az=48/8, mb3.8/6, Bonin Islands region

0.6nm, 0.3s, baz=95, slow=8.3, SNR=7.5
ISCJB 27 00:48:35.0, 0.4, 2:59S:0:07:12:02W:0:08, h10km, mb4.4/35, MS4.1/22, Error ellipse: s-maj=12.5km

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes entries for H0N2, H0N1, H0N3, etc.

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes entries for PMSA Palmer Station, JTS JuntasAbangare, etc.

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes entries for DZM Mont Dzumac, RAO Raoul Island, etc.

MOS 27 01:00:10.9, 1.1, 10:82N:61:80W, h33km, mb5.3/44, Error ellipse: s-maj=7.2km s-min=5.5km az=112.0
ISCJB 27 01:00:12.4, 0.1, 10:76N:0:02:61.79W:0:02, h51km, mb5.0/194, MS4.0/14, Error ellipse: s-maj=2.5km

Table listing astronomical observations with columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes entries for TCE Chacachacare, TRN Trinidad, etc.

GUNV	Guanooco	1.41 2470	eP	Pn	01 00 41.5 +3.6	QARV	Quebrada Arrib	8.77 268	eP	Pn	01 02 20.7 +1.8	438A	Sam Houston St	37.19 307	P	P	01 07 20.0 -0.6
GUNV	Guanooco	1.41 247	eP	Pn	01 00 41.5 +3.6	QARV	Quebrada Arrib	8.77 268	eP	Pn	01 02 21.4 +2.6	438A	Sam Houston St	37.19 307	P	P	01 07 20.0 -0.6
GRW	Mount Saint Ca	1.44 358	iJP	Pn	01 00 38.8 +0.4	DABV	Dabajuro	8.86 272	eP	Pn	01 02 21.6 +1.7	139A	Bunkhouse Ranc	37.23 311	P	P	01 07 20.4 -0.6
GRW	Mount Saint Ca	1.44 358	iJP	Pn	01 00 38.8 +0.4	DRBP	Dabajuro	8.86 272	eP	Pn	01 02 21.6 +1.7	139A	Bunkhouse Ranc	37.23 311	P	P	01 07 20.4 -0.6
GRW	Mount Saint Ca	1.44 358	iJP	Pn	01 00 38.8 +0.4	DRBP	Cabo Rojo, PR	8.99 324	ePn	Pn	01 02 23.0 +1.3	338A	Crockett	37.33 308	P	P	01 01 25.5 -0.2
GRHS	Sauteurs	1.50 359	eS	Pn	01 00 57.9 +0.2	SDV	Santo Domingo	9.06 259	eP	Pn	01 02 22.7 -0.3	637A	Eagle Lake	37.34 305	P	P	01 07 22.2 +0.3
GRHS	Sauteurs	1.50 359	iJP	Pn	01 00 39.7 +0.5	SDV	12nm,0.3s,baz=37,slow=8.0,SNR=34		S	Sn	01 04 01.3 -2.4	LMQ	La Malbaie	37.44 350	eP	P	01 07 22.9 +0.4
GRHS	Sauteurs	1.50 359	iJP	Pn	01 00 39.7 +0.5	SDV	41nm,0.3s,baz=34,slow=18,SNR=11		LR	LR	01 07 19.2	237A	Jacksonville	37.47 310	P	P	01 07 22.5 -0.5
GRHS	Sauteurs	1.50 359	iJP	Pn	01 00 57.7 0.0	SDV	comp=Z,1um,19.1s,baz=86,slow=47		LR	LR	01 02 22.8 -0.2	537A	Green Hill Far	37.58 306	P	P	01 07 23.3 -0.6
GRSS	Sisters	1.58 01	iJP	Pn	01 00 41.0 +0.9	SDV	Santo Domingo	9.06 259	eP	Pn	01 04 01.5 -2.2	138A	Matatal Enter	37.74 311	P	P	01 07 23.7 -1.6
GRSS	Sisters	1.58 01	iJP	Pn	01 00 41.0 +0.9	AOPR	Arecibo Observ	9.07 327	eP	Pn	01 02 23.5 +0.6	736A	Circle Diamond	37.76 304	P	P	01 07 25.6 +0.2
GRSS	Sisters	1.58 01	iJP	Pn	01 00 59.4 -0.1	AOPR	Arecibo Observ	9.07 327	ePn	Pn	01 02 23.4 +0.6	035Z	Hargill	37.76 300	P	P	01 07 25.2 -0.3
ORIV	Oritupano	2.40 2271	eP	Pn	01 00 54.6 +3.2	LRS	Lares Observ	9.07 327	ePn	Pn	01 02 23.5 +0.6	035A	Encino	37.94 300	P	P	01 07 27.4 +0.4
ORIV	Oritupano	2.40 2271	eP	Pn	01 01 24.6 +4.9	LSP	Las Mesas	9.11 325	ePn	Pn	01 02 23.9 -0.3	636A	Smothers Creek	37.94 305	P	P	01 07 27.0 0.0
ORIV	Oritupano	2.40 2271	eP	Pn	01 00 54.6 +3.2	MPR	Mayaguez	9.17 325	ePn	Pn	01 02 23.9 -0.3	237A	Washetta, Mont	37.99 309	P	P	01 07 26.4 -0.9
FCV	Fort Charlotte	2.46 9	eP	Pn	01 01 23.2 +3.5	AGPR	Aguaada, PR	9.36 326	ePn	Pn	01 02 29.1 +2.3	Y38A	Idabel	38.09 313	P	P	01 07 26.7 -1.4
FCV	Fort Charlotte	2.46 9	eP	Pn	01 00 53.2 +1.0	SOCV	Socops	9.42 256	eP	Pn	01 02 27.8 +0.1	835A	Beeville	38.15 303	P	P	01 07 28.9 +0.2
FCV	Fort Charlotte	2.46 9	eP	Pn	01 01 21.3 +0.2	SOCV	Socops	9.42 256	eP	Pn	01 02 27.8 +0.1	436A	Wall Ranch, Ga	38.17 306	P	P	01 07 28.1 -0.8
FCV	Fort Charlotte	2.46 9	eP	Pn	01 01 19.9 -1.2	SOCV	Socops	9.42 256	eP	Pn	01 02 27.8 +0.1	T40A	Manfield	38.29 319	P	P	01 07 28.6 -1.3
SVB	Belmont	2.57 8	eP	Pn	01 00 54.3 +0.5	SOCV	Socops	9.42 256	eS	Pn	01 04 07.8 -4.5	735A	Kenedy	38.33 303	P	P	01 07 29.9 -0.3
SVB	Belmont	2.57 8	eP	Pn	01 01 23.9 +0.1	PCDR	Punta Cana, DR	10.14 321	ePn	Pn	01 02 27.2 -0.3	Z37A	Pogue Cattle C	38.39 311	P	P	01 07 29.3 -1.4
SVB	Belmont	2.57 8	eP	Pn	01 00 54.3 +0.5	PCDR	Punta Cana, DR	10.14 321	ePn	Pn	01 02 29.2 +1.7	034A	Hobbronville	38.47 300	P	P	01 07 29.6 +0.2
SVB	Belmont	2.57 8	eP	Pn	01 01 21.4 -2.5	PCDR	Punta Cana, DR	10.14 321	ePn	Pn	01 02 29.2 +1.7	HDIL	Hopedale	38.48 325	P	P	01 07 30.7 -0.6
MCLT	Moule a Chique	3.05 13	eP	Pn	01 01 00.7 -0.2	WIRV	Villa del Rosa	10.60 270	eS	Pn	01 04 26.3 -3.6	635A	Leesville	38.49 304	P	P	01 07 30.3 -1.3
MCLT	Moule a Chique	3.05 13	eP	Pn	01 01 34.9 -1.0	WIRV	Villa del Rosa	10.60 270	eS	Pn	01 02 44.6 +0.9	934A	Benavides	38.50 301	P	P	01 07 31.1 -0.5
MCLT	Moule a Chique	3.05 13	eP	Pn	01 01 00.1 -0.2	CAV	Capacho	10.93 256	eS	Pn	01 02 44.6 +0.9	W38A	Poteau	38.51 314	P	P	01 07 30.3 -1.4
MCLT	Moule a Chique	3.05 13	eP	Pn	01 01 33.8 -1.9	CAV	Capacho	10.93 256	eS	Pn	01 02 48.3 -0.2	336A	Riesel	38.52 308	P	P	01 07 30.6 -1.2
BBGH	Gun Hill	3.15 40	ePn	Pn	01 01 02.4 +0.7	CAV	Capacho	10.93 256	eS	Pn	01 04 43.4 -6.0	X38A	Watersboro	38.52 314	P	P	01 07 29.9 -1.9
DSHT	Guadeloupe/Mar	3.77 12	eP	Pn	01 01 33.8 -4.2	BANI	BANI	11.39 313	ePn	Pn	01 02 48.3 -0.2	236A	Katherine and	38.54 309	P	P	01 07 30.7 -1.2
HOSS1	Bigot	3.82 8	eP	Pn	01 01 17.1 +1.5	PTGA	Ptanga	11.49 172	P	Pn	01 02 54.7 0.0	S40A	Lebanon	38.54 319	P	P	01 07 30.7 -1.2
BIM	Bigot	3.82 8	eP	Pn	01 01 12.0 +1.1	PTGA	66nm,0.3s,baz=288,slow=19,SNR=8.6		S	Sn	01 04 54.7 -8.2	535A	Dale	38.56 305	P	P	01 07 31.1 -1.1
TRMP	Trois liets	3.84 8	eP	Pn	01 01 11.9 +0.7	PTGA	comp=Z,1um,22.0s,baz=2.5,slow=39		LR	LR	01 07 46.9	834A	Tilden	38.70 302	P	P	01 07 32.9 -0.5
ZAM	Aeronautique	3.88 9	eP	Pn	01 01 12.5 +0.8	SDDR	Presas de Saban	12.44 312	eS	Pn	01 03 11.2 +2.2	136A	Ennis	38.74 309	P	P	01 07 32.2 -1.4
LPFM	Morne Lapointe	3.89 9	eP	Pn	01 01 12.8 +0.9	SDDR	Presas de Saban	12.44 312	eS	Pn	01 05 24.1 -2.1	R40A	Maddies Statio	38.80 320	P	P	01 07 32.2 -1.8
FDV	Fort de France	4.02 7	eP	Pn	01 01 13.4 +0.1	LAPH	Port-au-Prince	12.92 308	ePn	Pn	01 03 18.3 +2.8	W38A	Genail	38.84 315	P	P	01 07 32.5 -1.9
FDV	Fort de France	4.02 7	eP	Pn	01 01 58.1 -1.5	LNH	Logne	13.15 307	ePn	Pn	01 03 19.4 +0.8	435B	Jarrell	38.86 306	P	P	01 07 33.7 -1.0
FDV	Fort de France	4.02 7	eP	Pn	01 01 13.7 -0.1	ROSC	El Rosal	13.87 246	P	Pn	01 03 28.6 -0.1	X37A	Watersboro	38.87 313	P	P	01 07 33.2 -1.5
FDV	Fort de France	4.02 7	eP	Pn	01 01 58.1 -1.5	ROSC	2.6nm,0.3s,baz=108,slow=16,SNR=16		Pn	01 06 04.4 +2.9	335A	Moody	38.94 307	P	P	01 07 34.1 -1.2	
PMF	Morne Lenard	4.07 6	eP	Pn	01 01 15.4 +0.9	ROSC	1.0nm,0.3s,baz=66,slow=20,SNR=3.3		LR	LR	01 10 14.4	734A	La Parita Cree	38.94 303	P	P	01 07 34.3 -1.1
CMX	Morne La Croix	4.10 6	eP	Pn	01 01 15.2 +0.4	GTBY	Guantanamo Bay	15.90 307	ePn	Pn	01 03 55.5 +0.6	Z36A	Blue Ridge	39.03 311	P	P	01 07 34.2 -1.9
PCM	Pelee Case Pet	4.10 6	eP	Pn	01 01 15.5 +0.8	GTBY	Guantanamo Bay	15.90 307	ePn	Pn	01 03 55.5 +0.6	Q40A	Laux Farm, Aux	39.11 321	P	P	01 07 35.4 -1.3
PCM	Pelee Case Pet	4.10 6	eP	Pn	01 01 15.5 +0.8	MTJL	Mount Denham	17.11 298	ePn	Pn	01 04 11.4 +0.2	S39A	Bolivar	39.12 319	P	P	01 07 35.2 -1.6
SVN	Savane Anatole	4.13 6	eP	Pn	01 01 16.1 +0.9	MTJL	Samuel	19.59 185	ePn	Pn	01 04 39.7 -0.4	U38A	Gravette	39.14 316	P	P	01 07 34.6 -2.3
CUPV	Cœpiria	4.15 2611	eP	Pn	01 01 18.1 +2.6	SAML	JuntasAbangare	22.94 271	eS	P	01 08 11.9 -4.8	933A	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
CUPV	Cœpiria	4.15 2611	eP	Pn	01 01 18.1 +2.6	JTS	7.6nm,0.5s,baz=314,slow=7.2,SNR=3.8		LR	LR	01 05 14.1 -0.3	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
CUPV	Cœpiria	4.15 2611	eP	Pn	01 02 04.5 +1.7	JTS	comp=Z,241nm,18.2s,baz=38,slow=42		LR	LR	01 06 18.3	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
CUPV	Cœpiria	4.15 2611	eP	Pn	01 01 18.1 +2.6	MGAN	Managua	24.18 276	eP	Pn	01 05 25.2 -0.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
CUPV	Cœpiria	4.15 2611	eP	Pn	01 02 05.9 +3.1	MGAN	Managua	24.18 276	eP	Pn	01 05 25.2 -0.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
CUPV	Scott's Head	4.48 3	eP	Pn	01 01 21.9 +0.8	ATAH	Atahualpa	24.36 224	P	Pn	01 05 30.7 +2.7	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 02 10.4 -0.4	ATAH	Atahualpa	24.36 224	P	Pn	01 05 30.7 +2.7	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 22.0 +2.0	TGWH	Teeguigalpa,Un	25.27 280	eP	Pn	01 05 36.4 +0.5	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 02 08.4 -2.4	WGHU	Wegway,Un	25.20 316	eP	Pn	01 05 36.7 -0.3	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P	Pn	01 05 49.2 +1.8	WHTX	Lake Whitey	39.15 301	P	P	01 07 35.8 -1.2
DSHT	Scott's Head	4.48 3	eP	Pn	01 01 21.4 +0.9	SIV	San Ignacio	26.54 179	P</								

27d 1h

W35A	Tecumseh	40.23 313	P	P	01 07 43.3	-2.6
Y34A	Reagan Ranch,	40.32 311	P	P	01 07 45.1	-1.7
233A	Rising Star,	40.38 307	P	P	01 07 45.7	-1.7
P38A	Dawn	40.39 321	P	P	01 07 45.6	-1.6
LCO	Las Campanas	40.45 192	eP		01 07 48.9	+0.7
R37A	Teagarden Farm	40.46 318	P	P	01 07 46.2	-1.6
T36A	Boogs Farm, Ca	40.48 316	P	P	01 07 46.0	-2.1
532A	Rocksprings	40.48 304	P	P	01 07 47.2	-1.0
V35A	Meyer Ranch, C	40.49 314	P	P	01 07 45.8	-2.4
JCT	Junction City	40.52 305	eP	Pmax	01 07 47.3	-1.3
JCT	Junction City	40.52 305	P	P	01 07 47.2	-1.4
JCT	Junction City	40.52 305	eP	P	01 07 47.3	-1.3
Q37A	Longview Farm,	40.53 319	P	P	01 07 47.0	-1.4
N39A	Derby Farms, D	40.54 323	P	P	01 07 47.0	-1.4
133A	Hamilton Ranch	40.63 308	P	P	01 07 48.0	-1.4
S36A	Lake Cedric, C	40.64 317	P	P	01 07 48.2	-1.1
O38A	Galt	40.65 322	P	P	01 07 48.0	-1.4
432A	Menard	40.66 305	P	P	01 07 47.9	-1.8
X34A	Smith Ranch, M	40.67 312	P	P	01 07 48.1	-1.5
U35A	Pawnee	40.72 315	P	P	01 07 48.0	-2.0
Z33A	Whitaker Ranch	40.79 309	P	P	01 07 48.9	-1.8
631A	Perdido Creek	40.79 303	P	P	01 07 49.1	-1.7
332A	Millersview	40.80 306	P	P	01 07 49.3	-1.5
T35A	Sooner Cattle	40.84 315	P	P	01 07 48.8	-2.2
P37A	Lathrop	40.88 320	P	P	01 07 49.4	-1.9
R36A	Gordon, Harris	40.91 318	P	P	01 07 49.4	-2.2
W34A	Bridge Creek,	40.91 312	P	P	01 07 49.6	-2.0
W34A	Bridge Creek,	40.91 312	eP	P	01 07 50.0	-1.7
232A	Coleman	40.92 307	P	P	01 07 50.2	-1.6
N38A	Joos South For	40.92 323	P	P	01 07 50.3	-1.3
Y33A	Hilltop Ranch,	40.99 310	P	P	01 07 50.3	-2.0
531A	Rocksprings	41.02 304	P	P	01 07 51.5	-1.2
O37A	Wolven Farm, M	41.09 321	P	P	01 07 51.8	-1.2
S35A	Otter Creek Ra	41.10 317	P	P	01 07 50.9	-2.3
X33A	Lawton	41.13 311	P	P	01 07 51.2	-2.3
ABTX	Abilene, Hawle	41.20 308	P	P	01 07 52.7	-1.4
ABTX	Abilene, Hawle	41.20 308	eP	P	01 07 52.5	-1.5
431A	Sonora	41.24 305	P	P	01 07 53.3	-1.2
M38A	Pleasantville	41.28 323	P	P	01 07 53.6	-1.0
U34A	Anderson Ranch	41.31 314	P	P	01 07 53.2	-1.8
U34A	Anderson Ranch	41.31 314	eP	P	01 07 53.3	-1.7
331A	San Angelo	41.32 306	P	P	01 07 53.7	-1.4
Z32A	Haskell	41.34 309	P	P	01 07 53.5	-1.7
T34A	McClaskey Farm	41.36 315	P	P	01 07 53.5	-1.9
R35A	Emporia Munic	41.36 318	P	P	01 07 53.4	-1.9
W33A	Caddo, Fort Co	41.38 312	P	P	01 07 54.4	-1.1
WMOK	Wichita Mounta	41.43 311	eP	Pmax	01 07 53.6	-2.3
WMOK	Wichita Mounta	41.43 311	eP	P	01 07 53.5	-2.3
P36A	Good Intent, A	41.44 320	P	P	01 07 53.5	-2.4
231A	Bronte	41.46 307	P	P	01 07 54.7	-1.6
N37A	Lee Faris, Mou	41.48 322	P	P	01 07 55.0	-1.2
Q35A	Mercer Eighty,	41.55 318	P	P	01 07 54.4	-2.4
V33A	Lossen Ranch,	41.56 313	P	P	01 07 54.9	-2.0
SCIA	State Center	41.60 324	eP	P	01 07 56.5	-0.7
L38A	Oak Wood Farm,	41.60 324	P	P	01 07 56.1	-1.1
Y32A	R-V Farms, Ver	41.61 310	P	P	01 07 55.6	-1.8
530A	J-C Ranch, Com	41.66 304	P	P	01 07 56.8	-1.2
X32A	Elmer	41.66 311	P	P	01 07 55.5	-2.3
U33A	Lingo Farm, Me	41.72 314	P	P	01 07 56.0	-2.3
M37A	Trindle Farm,	41.78 323	P	P	01 07 57.8	-0.9
131A	Roby	41.80 308	P	P	01 07 57.4	-1.6
K38A	Parkersburg	41.82 325	P	P	01 07 57.7	-1.2
Z31A	Sharp Cattle R	41.86 309	P	P	01 07 57.9	-1.6
W32A	Sentinel	41.94 312	P	P	01 07 58.2	-1.9
330A	Mertzon	41.95 305	P	P	01 07 58.5	-1.8
L37A	Phoenix Point,	42.05 324	P	P	01 07 59.6	-1.2
KSU1	Kansas State U	42.05 318	P	P	01 07 58.4	-2.6
KSU1	Kansas State U	42.05 318	eP	P	01 07 58.2	-2.7
R34A	Isabella, Hill	42.05 317	P	P	01 07 59.0	-2.0
230A	Sterling City	42.07 306	P	P	01 07 59.6	-1.7
Q34A	Chapman	42.17 318	P	P	01 07 59.5	-2.4
Y31A	Rekieta Farm,	42.21 309	P	P	01 08 00.4	-1.9
130A	Snyder	42.22 307	P	P	01 08 00.5	-1.9
O35A	Humboldt	42.25 320	P	P	01 07 59.6	-2.9
M36A	Felix, Anita	42.26 322	P	P	01 08 01.1	-1.5
X31A	McDonald Ranch	42.27 310	P	P	01 08 00.3	-2.6
U32A	Winter Ranch,	42.33 313	P	P	01 08 01.4	-1.8
K37A	Belmond	42.39 325	P	P	01 08 02.3	-1.3
N35A	Tabor	42.42 321	P	P	01 08 02.1	-1.8
P34A	Walnut Farm, R	42.44 319	P	P	01 08 01.7	-2.4
W31A	Holland Ranch,	42.48 311	P	P	01 08 02.1	-2.4
I38A	Scanlan Farm,	42.50 327	P	P	01 08 02.4	-2.0
L36A	Harm Buss Farm	42.57 323	P	P	01 08 03.8	-1.3

2010 DEC

Z30A	Sanderson Ranc	42.60 308	P	P	01 08 04.0	-1.6
Y30A	Stafford Catti	42.66 309	P	P	01 08 04.4	-1.6
J37A	Redenius Farm,	42.69 325	P	P	01 08 05.1	-0.9
O34A	Beatrice	42.70 320	P	P	01 08 04.0	-2.2
K36A	Gilmore City	42.77 324	P	P	01 08 06.0	-0.8
Q33A	Connelly Farm,	42.81 317	P	P	01 08 05.5	-1.6
M35A	Neola	42.81 322	P	P	01 08 05.5	-1.5
X30A	Coker Ranch, T	42.87 310	P	P	01 08 05.8	-1.9
N34A	Lincoln	42.94 320	P	P	01 08 06.3	-1.8
I37A	Lemond, Waseca	43.06 326	P	P	01 08 08.1	-0.9
L35A	Blow Farm, R	43.10 323	P	P	01 08 07.7	-1.6
R32A	Long Quarter,	43.11 316	P	P	01 08 07.1	-2.5
T31A	Randall Ranch,	43.14 314	P	P	01 08 08.0	-1.8
J36A	Seneca 1, Swea	43.14 325	P	P	01 08 08.4	-1.3
O33A	Hebron	43.21 319	P	P	01 08 07.8	-2.5
S31A	Multiville	43.25 315	P	P	01 08 08.6	-2.1
V30A	Spur Ranch, Mi	43.28 312	P	P	01 08 09.7	-1.3
K35A	Sto Lake	43.28 323	P	P	01 08 09.7	-1.1
TX31	Lajitas Ar. Si	43.34 302	eP	P	01 08 10.7	-1.0
TXAR	Lajitas Array	43.34 302	P	P	01 08 10.4	-1.2
TXAR	comp=Z,5.2nm,0.5s,baz=117,slow=9.4,SNR=97		PcP		01 09 59.5	-0.2
TXAR	comp=Z,2.5nm,0.5s,baz=121,slow=5.4,SNR=13		ScP		01 13 46.0	-0.5
M34A	Aspy Farms, Fr	43.37 321	P	P	01 08 10.0	-1.6
L34A	Swendsen Farm,	43.51 322	P	P	01 08 10.8	-1.9
SPMN	St. Paul	43.54 328	P	P	01 08 11.6	-1.3
U30A	WK&E Inc. Balk	43.58 313	P	P	01 08 12.1	-1.3
R31A	Burdett	43.60 315	P	P	01 08 11.4	-2.1
P32A	Huittin Farm,	43.64 318	P	P	01 08 11.6	-2.2
J35A	Milford	43.66 324	P	P	01 08 12.7	-1.2
H36A	Jessenland, He	43.71 326	P	P	01 08 12.1	-2.2
T30A	Plains	43.73 313	P	P	01 08 13.2	-1.4
O32A	Brockman Farm,	43.76 319	P	P	01 08 12.2	-2.6
K34A	Le Mars	43.77 323	P	P	01 08 13.1	-1.6
M33A	Taylor Creek F	43.79 321	P	P	01 08 13.0	-2.0
I35A	Creekview Farm	43.84 325	P	P	01 08 14.2	-1.1
Q31A	Ellis	43.86 316	P	P	01 08 13.2	-2.4
CBKS	Cedar Bluff	44.00 316	eP	Pmax	01 08 14.8	-1.9
CBKS	Cedar Bluff	44.00 316	P	P	01 08 14.3	-2.4
CBKS	Cedar Bluff	44.00 316	eP	P	01 08 14.8	-1.9
J34A	George	44.04 324	P	P	01 08 15.4	-1.5
P31A	Stockton	44.10 317	P	P	01 08 15.2	-2.3
R30A	Dighton	44.12 315	P	P	01 08 15.6	-2.1
MSTX	Muthoe	44.13 308	P	P	01 08 16.4	-1.6
MSTX	Muleshoe	44.13 308	eP	P	01 08 16.4	-1.6
MSTX	comp=Z,5.2nm,0.9s		e		01 10 02.5	
L33A	Hoskins	44.17 322	P	P	01 08 16.9	-1.2
SCHO	Schefferville	44.20 356	P	P	01 08 18.6	+0.6
SCHO	comp=Z,6.4nm,0.7s,baz=184,slow=6.3,SNR=117		P		01 08 18.6	+0.6
SCHO	Schefferville	44.20 356	eP	P	01 08 18.6	+0.6
H35A	Sunnyside Ranc	44.28 326	P	P	01 08 16.8	-2.0
BGNE	Belgrade	44.30 320	P	P	01 08 17.1	-2.0
BGNE	Belgrade	44.30 320	eP	P	01 08 17.0	-2.1
T29A	Hugoton	44.32 313	P	P	01 08 17.5	-1.8
CLNB	Carlsbad	44.41 305	eP	P	01 08 18.4	-1.8
I34A	Hadley	44.45 325	P	P	01 08 19.4	-0.8
C38A	Sawbill Land.	44.52 332	P	P	01 08 18.8	-2.0
E36A	McGregor	44.65 329	P	P	01 08 20.1	-1.6
CPRX	Cap Rock Farms	44.65 307	eP	P	01 08 20.7	-1.5
J33A	Davis	44.66 323	P	P	01 08 19.9	-1.9
D37A	Cotton	44.68 330	P	P	01 08 20.8	-1.1
ECSD	EROS Data Cent	44.70 324	P	P	01 08 20.8	-1.4
ECSD	EROS Data Cent	44.70 324	eP	P	01 08 20.2	-1.0
P30A	Selden	44.70 317	P	P	01 08 20.4	-1.9
M31A	Lambrecht Ranc	44.78 320	P	P	01 08 20.5	-2.5
H34A	Spellman Lake,	44.79 325	P	P	01 08 22.0	-0.9
EYMN	Ely	44.79 332	P	P	01 08 21.0	-1.9
K32A	Verdigre	44.88 322	P	P	01 08 21.4	-2.3
O30A	MW Ranch, Wils	44.89 318	P	P	01 08 21.3	-2.5
Q29A	Oakley	44.89 315	P	P	01 08 21.4	-2.5
F35A	Swanville	44.89 327	P	P	01 08 21.4	-2.3
S28A	Manter	44.94 313	P	P	01 08 22.3	-2.0
I33A	Coleman	44.99 324	P	P	01 08 23.2	-1.4
D36A	Goodland	45.05 330	P	P	01 08 23.1	-1.9
L31A	Butterfield Fa	45.15 321	P	P	01 08 23.6	-2.2
P29A	Atwood	45.19 316	P	P	01 08 23.8	-2.4
J32A	Parkston	45.21 323	P	P	01 08 23.9	-2.4
R28A	Tribune	45.21 314	P	P	01 08 24.3	-2.2
E35A	Pequot Lakes	45.26 328	P	P	01 08 24.6	-2.1
C36A	Pine Crest Far	45.30 331	P	P	01 08 25.3	-1.5
K31A	O'Neill	45.34 321	P	P	01 08 25.3	-2.0
H33A	Prehn Over Nor	45.34 325	P	P	01 08 25.9	-1.4
O29A	LD Ranch, Culb	45.35 317	P	P	01 08 25.4	-2.1
I32A	Karley and Nic	45.37 324	P	P	01 08 25.7	-1.7
D35A	Remer	45.43 329	P	P	01 08 26.0	-2.0
MNTX	Cornudas Mount	45.44 304	P	P	01 08 27.4	-1.0
MNTX	Cornudas Mount	45.44 304	eP	P	01 08 27.3	-1.0

1634

G33A	Ortonville	45.48 326	P	P	01 08 26.6	-1.8
L30A	Spencer Herefo	45.58 320	P	P	01 08 27.1	-2.1
H32A	Carlson Farm,	45.63 324	P	P	01 08 28.0	-1.6
J31A	Geddes	45.70 322	P	P	01 08 27.9	-2.2
P28A	Saint Francis	45.74 316	P	P	01 08 28.3	-2.4
C35A	Jirik Farms, M	45.81 330	P	P	01 08 29.0	-1.9
K30A	Basset	45.90 321	P	P	01 08 30.1	-1.6
M29A	Burnside Ranch	45.94 319	P	P	01 08 30.3	-1.9
G32A	Webster	46.12 325	P			

27d 2h

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like FAKI, TBI, PPT2, etc.

2010 DEC

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like SYO, RSO, ULN, etc.

1638

Table with columns: Station, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other parameters. Includes stations like HVU, WMQ, BOZ, etc.

GUC 27 02:31:41.6:0.4, 23.65S:67.22W, h260km, 10km, ML4.3
ISC 27 02:31:38.6:0.8, 23.85S, 0.06:66.64W, 0.08, h195km, n24,
e184/30, mb3.2/3, 1D, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Humahuaca, La Paz, AZAP Zapla, FSA Cafayete, LVC Limon Verde, etc.

IDC 27 02:37:49.0:1.2, 19.95S:168.17E, h0km, mb4.2/8,
mb1 4.4/9, mb1mx4.1/25, mbtmp4.2/8, ML2.9/1, MS3.5/6,
Ms1 3.5/6, ms1mx3.1/28, Error ellipse: s-maj=46.2km
s-min=21.6km az=137.0
ISCJB 27 02:37:51.5:1.1, 20.0S:0.1:168.1E:0.2, h267km, mb4.1/8,
MS3.4/5, Error ellipse: s-maj=35.1km s-min=9.8km
az=31.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Mont Dzumac, DZM, STKA, WRA, ASAR, etc.

IDC 27 02:51:22.5:1.9, 4.03N, 124.74E, h0km, mb3.5/4,
mb1 3.7/4, mb1mx3.4/35, mbtmp3.6/4, MS4.2/1, Ms1 4.2/1,
ms1mx2.6/28, Error ellipse: s-maj=128.3km
s-min=23.7km az=68.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Fitzroy Crossi, WRA, ASAR, etc.

IDC 27 03:16:04.4:0.9, 19.57S:167.90E, h0km, mb4.0/8,
mb1 4.2/9, mb1mx4.1/25, mbtmp4.0/9, ML3.8/1, MS3.5/7,
Ms1 3.5/7, ms1mx3.2/38, Error ellipse: s-maj=32.7km
s-min=21.4km az=140.0
ISCJB 27 03:16:06.8:0.7, 19.76S:0.09:167.9E:0.1, h26km,
mb3.9/7, MS3.4/6, Error ellipse: s-maj=18.8km
s-min=9.8km az=31.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Mont Dzumac, DZM, MKAR, etc.

Table with columns: HNR, URZ, AFI, CTA, PMG, RPZ, STKA, STKA, WRA, ASAR, ASAR, SONM, NVAR, ILAR, TXAR, YKA, GERES. Includes stations like Honiara, Urewera, Afiamalu, etc.

ISK 27 03:17:02.8, 38.87N:27.21E, h14km, MD3.0
ATH 27 03:17:03.2, 38.89N:27.16E, h28km, 1km, MD3.3/10
DDA 27 03:17:03.2, 38.91N:27.20E, h7km, MD3.2
CSEM 27 03:17:03.4:0.1, 38.85N:27.20E, h15km, MD3.0,
Error ellipse: s-maj=2.1km s-min=1.6km az=38.0
ISCJB 27 03:17:03.0:0.4, 38.89N:0.02:27.20E:0.03, h12km, 3km,
Error ellipse: s-maj=3.8km s-min=3.2km az=144.8
THE 27 03:17:04.0, 38.84N:27.15E, h12km, 1km, ML3.1/6, Error
ellipse: s-maj=1.8km s-min=0.8km az=264.0
ISC 27 03:17:03.3:0.1, 38.85N:0.02:27.19E:0.02, h14km, 7km,
n80, c0553/118, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like DKL, IZM, AKS, AKS, AKS, AKS, AYVA, AYVA, UZLA, UZLA, PRK, PRK, BALB, BALB, CHOS, CHOS, CHOS, CHOS, AYDB, AYDB, SIGR, SIGR, SMG, SMG, EZN, EZN, KULA, KULA, DEMI, DEMI, DEMI, DEMI, BOZC, BOZC, BOZC, MSLB, MSLB, BDRM, BDRM, DENIZ, DENIZ, SART, SART, SART, LIA, LIA, LIA, LIA, SMTH, SMTH, SMTH, SMTH, ALN, ALN, ALN, ALN, OUR, OUR, OUR, PAIG, PAIG, KAVA, KAVA, KZD, KZD, RZN, RZN, SOH, SOH, SOH, NVR, NVR, SRS, SRS.

Table with columns: SRS, HORT, HORT, MMB, MMB, SZH, SZH, PVL, PVL. Includes stations like Serrai, Hortiatis, Hortiatis, Musomiste, Musomiste, Strazhivka, Strazhivka, Pavlikeni, Pavlikeni.

IDC 27 03:32:31.4:0.6, 26.90N:143.84E, h0km, mb3.9/18,
mb1 4.1/22, mb1mx4.0/48, mbtmp3.9/22, ML3.6/4, Error
ellipse: s-maj=18.4km s-min=14.8km az=79.1
ISCJB 27 03:32:20.6:0.2, 27.13N:0.06:143.79E:0.05, h10km,
mb3.9/21, Error ellipse: s-maj=8.8km s-min=5.5km
az=153.7
JMA 27 03:32:33.8:0.1, 27.25N:143.69E, h7km, 3km, M4.8
NEIC 27 03:32:33.0:0.4, 26.92N:143.76E, h10km, mb4.3/2, Error
ellipse: s-maj=10.2km s-min=7.4km az=72.0
ISC 27 03:32:33.2:0.6, 26.99N:0.08:143.76E:0.06, h10km, n46,
c0984/44, mb3.9/21, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CBJJ, CBJJ, CBJJ, CBJJ, JCJ, JCJ, JCH, JCH, BSO1, BSO1, BSO2, BSO2, BSO3, BSO3, BSO4, BSO4, BS04, BS04, JHU, JHU, JRY, JRY, MJAR, MJAR, MAJO, MAJO, MAT, MAT, KSR, KSR, ASAJ, ASAJ, USRK, USRK, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S3, H1S3, H1S2, H1S2, KLR, KLR, SONM, SONM, WRAB, WRAB, WRA, WRA, ASAR, ASAR, MKAR, MKAR, ILAR, ILAR, INK, INK, ABKAR, ABKAR, YKA, YKA, KBZ, KBZ, NVAR, NVAR, PDAR, PDAR, NOA, NOA, BRTR, BRTR, TXAR, TXAR, TORD, TORD, LPAZ, LPAZ.

GCMT 27 03:38:23.3:0.3, 51.16N:176.18W, h20km, 1km, MW5.0/83,
Moment Tensor Solution. 639.049, e83.615,
Duration: 0. Moment tensor: Scale 1016Nm; M2: 80;
Mw: 2.35; L2: Mw: 0.5; L1: Mw: 2.32; 24: Mw: 1.0; 07:
Mw: 1.4; 23: Best double couple: M3: 95200:1016
NP1: 0.600000: 0.670000: 0.860000: 0.860000: NP2:
0.24900000: 0.82300000: 0.98000000: 0. Principal axes: T
3.9590, Plg68.0000, Azm324.0000; N - N0150.
Plg3.0000, Azm62.0000; P -3.9450, Plg22.0000.
Azm153.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
MOS 27 03:38:23.7:1.0, 51.146N:176.35W, h20km, mb5.1/60,
MS4.1/12, Error ellipse: s-maj=7.0km s-min=5.7km

NEIC 27 03:38:23.4:0.1, 51.05N:176.11W, h16km, mb5.0/130,
ML4.7(AEIC), After AEIC.

NEIC Felt on Adak.
ISCJB 27 03:38:24.0:0.1, 51.20N:0.03:176.16W:0.02, h33km,
mb5.0/171, MS4.2/29, Error ellipse: s-maj=4.4km
s-min=1.8km az=176.1

BUI 27 03:38:26.3, 51.75N:176.27W, h44km, mb5.3/68,
mb5.3/45, MS4.9/38, MS7.4/638

IDC 27 03:38:26.7:2.5, 51.143N:176.31W, h31km, 17km, mb4.3/39,
mb1 4.5/40, mb1mx4.4/62, mbtmp4.5/40, ML4.3/1, MS4.2/26,
Ms1 4.2/26, ms1mx4.1/41, Error ellipse: s-maj=14.6km
s-min=7.8km az=164.0

ISC 27 03:38:26.1:1.0, 51.27N:0.06:176.23W:0.03, h31km, 6km,
n633, c1816/637, mb5.0/173, MS4.2/29, 30C-9D,
Andreas Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ETKA, GSCG, GSCG, ADAM, ADAM, GSTD, KIRH, GSTR, KIRW, TAPA, TAPA, TAPF, TAPF, ATKA, ATKA, GAEA.

27d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GALAA, GANE, KOKV, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ILAR, ILAR, ILAR, etc.

1640

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, MDJ, MDJ, etc.

R11A	Troy Canyon, C	43.71	83	eP	P	03 46 30.8 +2.4
DAC	Darwin (Calif)	43.74	86	eP	P	03 46 29.9 +1.3
DAC	comp-Z, 58nm, 2.5s				pmax	
DAC	comp-Z, 58nm, 2.5s	43.74	86	eP	P	03 46 29.9 +1.3
BGU	Big Grassy Mou	43.75	78	eP	P	03 46 32.0 +3.3
AHID	Auburn Hatcher	43.87	75	eP	P	03 46 30.7 +1.1
TPNV	Topopah Spring	44.16	85	P	P	03 46 33.1 +1.1
HWUT	Hardware Ranch	44.25	76	eP	P	03 46 34.5 +1.8
DUG	Dugway	44.32	79	eP	P	03 46 35.3 +2.1
DUG	comp-Z, 25nm, 1.3s				pmax	
DUG	comp-Z, 25nm, 1.3s	44.32	79	eP	P	03 46 34.2 +1.0
DUG	comp-Z, 25nm, 1.4s	44.48	91	P	P	03 46 33.0 -1.3
SNCC	San Nicolas Is	44.79	64	eP	P	03 46 38.4 +1.6
DGMT	Dagmar	44.79	64	eP	P	03 46 37.3 +0.2
BW06	Boulder Array	44.80	74	P	P	03 46 37.7 +0.6
BW06	Boulder Array	44.80	74	P	P	03 46 37.3 +0.2
PDAR	Pinedale Array	44.80	74	P	P	03 46 37.7 +0.6
GSC	Goldstone	44.85	87	eP	P	03 46 39.9 +2.5
GSC	comp-Z, 10.0nm, 0.8s				pmax	
GSC	Goldstone	44.85	87	eP	P	03 46 39.4 +2.0
FCC	Fort Churchill	44.87	47	eP	P	03 46 37.7 +0.6
FCC	comp-Z, 260nm, 2.9s				pmax	
FCC	Fort Churchill	44.87	47	eP	P	03 46 36.7 -0.4
NLU	North Lily Min	44.91	78	eP	P	03 46 41.2 +3.1
MPU	Maple Canyon	45.15	78	eP	P	03 46 41.0 +1.1
A25A	Svangstu Ranch	45.15	63	P	P	03 46 39.8 +0.2
CCUT	Cedar City	45.58	82	eP	P	03 46 45.5 +2.1
MSU	Marysville	45.73	80	eP	P	03 46 45.9 +1.4
MSU	Marysville	45.73	80	eP	P	03 46 44.8 +0.3
TMUT	Trail Mountain	45.85	79	eP	P	03 46 46.2 +0.7
BELC	Belle Mtn. Jos	46.20	88	P	P	03 46 45.8 -2.3
E25A	Miller Ranch	46.32	66	P	P	03 46 49.2 +0.3
C26A	Wahner Farm, P	46.33	64	P	P	03 46 47.0 -1.9
SRU	San Rafael	46.38	78	eP	P	03 46 51.5 +1.9
SRU	comp-Z, 8.0nm, 0.8s				pmax	
SRU	San Rafael	46.38	78	eP	P	03 46 51.5 +1.9
F25A	Bowman	46.61	67	P	P	03 46 52.2 +1.1
E26A	Carlson Angus	46.87	65	P	P	03 46 52.6 -0.6
B28A	Dugan Ranch, T	46.95	62	P	P	03 46 54.4 +0.6
BJI	Beijing	46.97	284	P	PMZ	03 46 54.3 +0.4
BJI	comp-Z, 55nm, 0.8s				PMZ	
BJI	comp-Z, 160nm, 3.0s				LN	
BJI	comp-Z, 590nm, 16.1s				LE	
BJI	comp-Z, 290nm, 14.6s				LZ	
BJT	Baijiatou	46.99	284	eP	P	03 46 55.0 +0.9
BJT	comp-Z, 44nm, 0.9s				pmax	
BJT	Baijiatou	46.99	284	eP	P	03 46 55.0 +0.9
O20A	White River Ci	47.15	76	P	P	03 46 55.9 +0.2
O20A	White River Ci	47.15	76	eP	P	03 46 55.7 +0.1
H25A	Fruitdale	47.27	68	P	P	03 46 56.1 -0.3
RSSD	Black Hills	47.30	69	eP	P	03 46 57.3 +0.5
RSSD	comp-Z, 160nm, 2.9s				pmax	
RSSD	Black Hills	47.30	69	P	P	03 46 55.6 -1.2
RSSD	Black Hills	47.30	69	eP	P	03 46 56.7 -0.1
A29A	Manning Farm,	47.31	61	P	P	03 46 56.2 -0.4
F27A	Lemmon	47.46	66	P	P	03 46 57.5 -0.3
G26A	Maurine	47.46	67	P	P	03 46 57.5 -0.3
TLY	Talaya	47.48	304	eP	P	03 46 59.7 +1.9
TLY	comp-Z, 9.0nm, 1.0s				pmax	
TLY	comp-Z, 536nm, 21.0s				MLR	
I25A	Rochford	47.54	69	P	P	03 46 57.8 -0.8
MDND	Madlock	47.71	62	P	P	03 47 00.7 +1.1
MDND	Madlock	47.71	62	eP	P	03 47 01.1 +1.5
ULN	Ulanbaatar	47.75	298	eP	P	03 47 00.3 +0.2
ULN	comp-Z, 11nm, 0.8s				pmax	
ULN	Ulanbaatar	47.75	298	eP	P	03 47 00.3 +0.2
G27A	Dupree	47.80	66	P	P	03 47 00.5 +0.1
B30A	Myrvik Farm, E	48.07	61	P	P	03 47 02.7 +0.2
N23A	Red Feather La	48.09	74	P	P	03 47 03.5 +0.5
N23A	Red Feather La	48.09	74	eP	P	03 47 03.4 +0.4
WUAZ	Wupatki	48.11	83	eP	P	03 47 04.0 +0.9
SONA	Songino Array	48.12	298	eP	P	03 47 02.6 -0.3
SONM	Songino Array	48.13	298	P	P	03 47 03.0 0.0
SONM	comp-Z, 1.1nm, 0.8s, baz=51, slow=8.8, SNR=41				ScP	03 52 27.4 +5.2
SONM	comp-Z, 0.9nm, 0.8s, baz=83, slow=4.5, SNR=3.3				P	03 47 03.0 0.0
SONM	comp-Z, 1.1nm, 0.8s				pmax	
SONM	comp-Z, 1.1nm, 0.8s				pmax	
F28A	McLaughlin	48.18	65	P	P	03 47 03.1 -0.2
ZAK	Zakamensk	48.38	302	eP	P	03 47 04.2 -0.7
ZAK	comp-Z, 18nm, 1.4s				pmax	
ULM	Lac du Bonnet	48.39	58	P	P	03 47 04.5 -0.3
ULM	comp-Z, 4.3nm, 0.5s, baz=307, slow=7.5, SNR=17				LR	04 09 18.9
ULM	comp-Z, 242nm, 18.5s, baz=287, slow=38				LR	03 47 04.6 -0.3
ULM	comp-Z, 133nm, 2.5s				pmax	
ULM	Lac du Bonnet	48.39	58	eP	P	03 47 04.6 -0.3
B31A	Greenbush Farm	48.46	61	P	P	03 47 05.3 -0.1
I27A	Quinn	48.49	68	P	P	03 47 05.0 0.0
SMCO	Snowmass	48.51	76	eP	P	03 47 08.5 +2.1
D30A	Buchanan	48.60	63	P	P	03 47 06.0 -0.6
H28A	Mission Ridge	48.73	67	P	P	03 47 07.2 -0.4
TIA	Tai'an	48.77	279	UP	P	03 47 08.5 +0.5

TIA	comp-Z, 40nm, 1.4s				PMZ	
C31A	Landman Farms,	48.78	61	P	P	03 47 08.1 +0.2
A32A	Rocking H Ranc	48.81	60	P	P	03 47 07.3 -0.8
MVCO	Mesa Verde	48.81	79	eP	P	03 47 09.1 +0.5
MOY	Moody	48.86	305	eP	P	03 47 08.7 +0.1
ISCO	Idaho Springs	48.95	74	eP	P	03 47 12.0 +2.3
ISCO	comp-Z, 14nm, 1.3s				pmax	
ISCO	Idaho Springs	48.95	74	P	P	03 47 10.3 +0.5
ISCO	Idaho Springs	48.95	74	eP	P	03 47 12.0 +2.3
I28A	Midland	49.05	67	P	P	03 47 10.2 +0.2
B32A	Ashes, Strandq	49.09	60	P	P	03 47 10.0 -0.2
HHC	Hu-ho-hao-te	49.26	288	eP	P	03 47 12.8 +1.0
HHC	comp-Z, 58nm, 1.1s				pP	03 47 25.8 +4.7
HHC	comp-Z, 190nm, 5.0s				SP	03 47 30.5 +5.8
HHC	comp-Z, 420nm, 14.7s				SS	03 54 12.3 -3.5
HHC	comp-Z, 440nm, 13.9s				S	03 54 33.5 +2.5
J28A	Allard Ranch,	49.35	68	P	P	03 47 12.7 +0.3
A33A	Warroad	49.40	59	P	P	03 47 11.9 -0.7
S22A	4UR Ranch, Cre	49.50	77	P	P	03 47 14.8 +0.9
S22A	4UR Ranch, Cre	49.50	77	eP	P	03 47 15.4 +1.6
AGMN	Agassiz Nation	49.51	60	P	P	03 47 13.2 -0.2
AGMN	Agassiz Nation	49.51	60	eP	P	03 47 13.2 -0.2
B33A	Robert and Kas	49.67	60	P	P	03 47 14.5 -0.2
C33A	Trail	49.87	60	P	P	03 47 16.1 -0.1
B34A	Aery, Baudette	50.06	59	P	P	03 47 16.7 -0.9
I30A	Oaocma	50.11	67	P	P	03 47 17.8 -0.3
D33A	AnnSam, Waubun	50.20	61	P	P	03 47 18.1 -0.7
K29A	Lazy Trails An	50.29	68	P	P	03 47 20.5 +1.0
SDCO	Great Sand Dun	50.31	77	P	P	03 47 21.0 +1.0
SDCO	Great Sand Dun	50.31	77	eP	P	03 47 21.6 +1.6
J30A	Dallas	50.43	67	P	P	03 47 19.0 -1.5
NJ2	Nanjing	50.43	274	eP	PMZ	03 47 21.5 +0.9
TUC	Tucson	50.59	86	eP	P	03 47 23.8 +1.9
TUC	comp-Z, 8.0nm, 0.9s				pmax	
TUC	Tucson	50.59	86	P	P	03 47 22.5 +0.7
TUC	Tucson	50.59	86	eP	P	03 47 23.5 +1.6
D34A	Park Rapids	50.59	61	P	P	03 47 21.4 -0.2
SPITS	Spitsbergen Ar	50.59	357	P	P	03 47 20.3 -1.0
SPITS	comp-Z, 2.8nm, 0.5s, baz=24, slow=8.2, SNR=28				PcP	03 48 38.8 +0.4
SPITS	Spitsbergen Ar	50.59	357	P	P	03 48 20.3 -1.0
SPITS	comp-Z, 3.0nm, 0.5s				pmax	
SPITS	comp-Z, 2.0nm, 0.6s				pmax	
B35A	Bob, Littlefor	50.63	59	P	P	03 47 21.1 -0.9
K30A	Basset	50.75	68	P	P	03 47 23.1 +0.1
J31A	Geeses	50.88	67	P	P	03 47 23.9 0.0
C35A	Jirik Farms, M	50.89	60	P	P	03 47 23.1 -0.8
D35A	Remer	51.22	60	P	P	03 47 26.0 -0.4
KSCO	Kaye Shedlock	51.25	73	eP	P	03 47 27.9 +1.0
F34A	Alexandria	51.33	62	P	P	03 47 26.4 -0.9
E35A	Pequot Lakes	51.34	61	P	P	03 47 27.6 +0.3
J32A	Parkston	51.35	66	P	P	03 47 26.6 -0.8
T25A	Trinidad	51.37	76	eP	P	03 47 30.2 +2.3
C36A	Pine Crest Far	51.47	59	P	P	03 47 27.7 -0.6
LAZ	Ladron	51.47	81	eP	P	03 47 29.9 +1.2
ANMO	Albuquerque	51.53	80	P	P	03 47 31.2 +2.1
ANMO	comp-Z, 1.0nm, 0.7s, baz=308, slow=12, SNR=3.9				P	03 47 31.8 +2.6
ANMO	Albuquerque	51.53	80	P	P	03 47 31.8 +2.6
D36A	Goodland	51.64	60	P	P	03 47 29.3 -0.3
O29A	4D Ranch, Culb	51.64	71	P	P	03 47 29.9 +0.1
F35A	Swanville	51.67	62	P	P	03 47 29.4 -0.4
Q28A	Sharon Springs	51.70	73	P	P	03 47 30.5 +0.3
ECSD	EROS Data Cent	51.83	65	P	P	03 47 30.3 -0.8
ECSD	EROS Data Cent	51.83	65	eP	P	03 47 30.0 -1.0
C37A	Embarrass	51.84	59	P	P	03 47 30.4 -0.7
LPM	Los Pinos Moun	51.84	81	eP	P	03 47 34.4 +2.9
E36A	McGregor	51.99	60	P	P	03 47 31.3 -0.9
O30A	MW Ranch, Wils	52.05	71	P	P	03 47 32.8 0.0
D37A	Cotton	52.05	59	P	P	03 47 31.7 -1.0
EYMN	Ely	52.07	58	P	P	03 47 31.8 -0.9
EYMN	comp-Z, 307, SNR=5.5				eP	03 47 32.0 -0.7
R28A	Tridene	52.17	74	P	P	03 47 33.2 -0.5
H35A	Sunnyside Ranc	52.24	63	P	P	03 47 33.2 -0.9
F36A	Milaca	52.25	61	P	P	03 47 33.2 -0.9
FRB</						

27d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSAB Monastery St. A, MSAB Monastery St. A, MSAB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

IDC 27 04:02:40.8:1.4, 19:25Sx167.72E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.8/35, mbmtmp3.9/6, ML3.4/1, Error ellipse: s-maj=52.1km s-min=23.5km az=146.0, ISCJB 27 04:02:43.2:1.1, 19:25Sx167.75E:0.2, h26km, mb3.9/5, Error ellipse: s-maj=29.5km s-min=11.6km az=21.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

IDC 27 04:05:06.8:1.0, 19:39Sx167.94E, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.0/34, mbmtmp3.9/8, ML3.5/1, Error ellipse: s-maj=37.6km s-min=24.7km az=135.0, ISCJB 27 04:05:09.5:0.8, 19:55Sx167.8E:0.2, h26km, mb3.9/7, Error ellipse: s-maj=26.7km s-min=10.3km az=27.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, WRA Warramunga Arr, etc.

IDC 27 04:07:28.7:0.8, 6:8Sx0:1x155:1E:0:1, h100km, mb3.6/10, Error ellipse: s-maj=23.7km s-min=10.2km az=147.2, IDC 27 04:07:31.1:5.3, 6:81Sx155:13E, h100km, mb3.5/10, mb1 3.7/11, mb1mx3.5/34, mbmtmp3.9/11, Error ellipse: s-maj=37.4km s-min=22.1km az=108.0, ISC 27 04:07:29.9:0.9, 6:8Sx0:2x155:2E:0:1, h100km, n15, c0595/14, mb3.7/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG, WRA Warramunga Arr, etc.

IDC 27 04:14:39.0:2.1, 27:07Nx143.40E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/34, mbmtmp3.4/4, ML3.7/1, MS2.9/1, Ms1 2.9/1, ms1mx2.9/30, Error ellipse: s-maj=41.5km s-min=27.3km az=81.0, Bonin Islands region

2010 DEC

0.4nm, 0.5s, baz=12, slow=8.5, SNR=5.3 MKAR Makanchi Array 51.32 310 P 04 23 44.6 -0.5 0.5nm, 0.9s, baz=90, slow=8.8, SNR=2.6

BGR 27 04:19:55.1, 29:23N, 130:09E, h33km, mb4.9 NIED 27 04:20:00.31:00N, 130:40E, h122km, Mw4.1 Best double couple: Ms1.57000-1015 NP1:phi:231.00000°, delta 9.00000°, lambda 105.00000°. NP2:phi:17.00000°, delta 72.00000°, lambda 85.00000°. ISCJB 27 04:20:12.4:0.3, 30:93N, 130:45E:0:06, h134km, 2km, mb4.0/30, Error ellipse: s-maj=8.7km s-min=5.2km az=15.7

NEIC 27 04:20:14.5:1.0, 30:96N, 130:39E, h142km, 8km, mb4.0/4, Error ellipse: s-maj=11.8km s-min=9.5km az=66.0, IDC 27 04:20:14.5:1.5, 31:01N, 130:44E, h142km, 11km, mb3.8/17, ms1 1mx3.2, mb1mx3.8/35, mbmtmp4.1/20, MS3.5/2, Ms1 3.5/2, ms1mx2.7/43, Error ellipse: s-maj=16.0km s-min=14.7km az=51.1

JMA 27 04:20:14.2:0.1, 30:95N, 130:43E, h122km, 1km, M3.6 JMA Feil J1. ISC 27 04:20:13.2:0.6, 30:92N, 130:43E:0:07, h129km, 5km, n81, c0574/93, mb4.2/30, 15C-5D, Kyushu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JTSR Tashiro, JTSR, JKC Kuchinoerabu, etc.

0.4nm, 0.3s, baz=278, slow=1.9, SNR=7.7 JNU Nakatsue 2.23 10 P 04 20 50.6 +0.9 26nm, 0.3s, baz=177, slow=1.8, SNR=19 WJNJ Wonju Array Be 6.84 343 P 04 21 52.2 +1.3 KSRK Korea Array 6.84 343 P 04 21 52.2 +1.3

0.1nm, 0.3s, baz=166, slow=1.8, SNR=4.5 JHJ Hachioji jma 2 8.24 72 LR 04 24 58.7 +0.2 comp=Z, 352nm, 18.7s, baz=124, slow=34.4 MJAR Matsushiro Arr 8.57 47 P 04 22 15.9 +1.7 1.0nm, 0.3s, baz=239, slow=14, SNR=4.3 MJAR 1.0nm, 0.3s, baz=212, slow=17, SNR=4.6

0.1nm, 0.3s, baz=205, slow=7.9, SNR=4.9 SONM Songoing Array 24.85 319 P 04 25 24.2 -0.4 2.7nm, 0.4s, baz=138, slow=9.6, SNR=10 ZALV Zalevo Beam 39.84 319 P 04 27 34.8 +1.0 0.9nm, 0.3s, baz=102, slow=8.4, SNR=8.3 ZALV 0.4nm, 0.4s, baz=143, slow=13.6, SNR=3.5

0.6nm, 0.4s, baz=88, slow=11, SNR=16 MKAR Makanchi Array 40.04 307 P 04 27 34.9 -0.7 0.3nm, 0.3s, baz=74, slow=3.3, SNR=8.8 AKAR Ak-Archa 45.55 301 LR 04 50 25.9 comp=Z, 344nm, 18.0s, baz=264, slow=40 WRAB Tennant Creek 50.70 175 eP 04 29 00.0 +0.3

0.7nm, 1.1s, baz=111, slow=1.5 WRA Warramunga Arr 50.71 175 P 04 28 59.9 +0.1 0.1nm, 0.4s, baz=354, slow=7.9, SNR=4.7 ASAR Alice Springs 54.38 176 P 04 29 27.3 +0.5 0.3nm, 0.4s, baz=358, slow=6.7, SNR=8.0 ABKAR Abukarr Array 54.94 311 eP 04 29 31.0 +0.4

1.8nm, 0.6s GEYT Alibek 58.70 298 P 04 29 58.8 +1.4 1.3nm, 0.5s, baz=60, slow=8.5, SNR=4.0 ILAR Eielson Array 59.41 30 P 04 30 00.9 -0.9 0.7nm, 0.6s, baz=266, slow=5.7, SNR=11 DAWY Dawson 62.74 30 eP 04 30 24.7 +0.4

0.6nm, 0.6s INK Inuvik 63.84 24 P 04 30 31.2 -0.1 0.7nm, 0.5s, baz=312, slow=4.9, SNR=7.8 ARCAS ACCESS Array B 66.37 338 P 04 30 46.1 -1.6 4.4nm, 0.9s, baz=54, slow=8.2, SNR=10 KBZ Khabaz 67.72 308 P 04 30 57.2 +0.6 0.7nm, 0.2s, baz=80, slow=6.5, SNR=8.4 FINES FINES Array B 69.75 330 P 04 31 07.7 -1.2

0.7nm, 0.5s, baz=80, slow=5.8, SNR=8.4 RES Resolute Bay 70.59 12 eP 04 31 13.2 -0.6 0.3nm, 0.6s MALT Malatya 73.02 305/17 P 04 31 30.6 +1.5 AKASG Malin Array Be 73.24 319 P 04 31 28.9 -1.1 0.1nm, 0.6s, baz=52, slow=3.3, SNR=13 YKA Yellowknife Arr 73.48 26 P 04 31 31.1 -0.1

0.6nm, 0.5s, baz=75, SNR=6.7 NBK NORSAR Subarra 75.97 334 P 04 31 43.8 -1.9 comp=Z, 1.9nm, 0.6s, baz=47, slow=5.6 NOA NORSAR Array B 75.97 334 P 04 31 43.9 -1.7 comp=Z, 2.3nm, 0.6s, baz=49, slow=5.6, SNR=12 BURAR Bucovina Array 77.06 318/17 P 04 31 51.9 -0.3

VRI Vrincoiaia 77.08 316/17 P 04 31 50.1 -2.1 KWP Kalwaria Pacla 77.39 321/17 P 04 31 54.2 +0.4 MLR Muntele Rosa 77.75 316/17 P 04 31 56.5 +0.4 DOPR Dopca 77.83 316/17 P 04 31 56.4 +0.0 DRGR Gura Zlata 78.31 317/17 P 04 32 02.7 +0.2 GZR Gura Zlata 79.68 317/17 P 04 32 02.7 +0.2

MORC Moravsky Berou 80.06 323/17 P 04 32 08.6 +0.1 DPC Dobruska-Polom 80.34 324 i P 04 32 10.3 +0.3 UPC Ujice 80.41 324/17 P 04 32 10.2 +0.1 MDVR Moldovita 80.64 317/17 P 04 32 10.8 -1.1 VRAAC Vranje 80.94 318/17 P 04 32 13.9 +0.2 BRG Berggiesshubel 81.21 325 eP 04 32 14.3 -0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SOKA Soboth, GRF Grafenberg Arr, OBKA Obir, etc.

MEX 27 04:27:21.8:0.3, 26:90N, 112:13W, h16km, 999km, MD3.8, Baja California

0.43 347 Op ISC h m s ISC SRIG Santa Rosalia 2.33 246 eS Sg 04 27 35.0 -1.4 0.35 246 eP Pn 04 27 52.7 -2.7

GUC 27 04:40:04.0:3.6, 37:71Sx74:54W, h23km, 3km, ML4.6 IDC 27 04:40:07.4:1.2, 37:68Sx73:66W, h0km, mb3.8/7, mb1 4.0/10, mb1mx3.8/23, mbmtmp3.9/10, ML4.2/3, MS3.8/5, Ms1 3.8/5, ms1mx3.4/22, Error ellipse: s-maj=33.3km s-min=17.9km az=76.0, ISCJB 27 04:40:09.2:0.9, 37:83Sx0:05:74:0W:0:2, h33km, mb3.8/7, MS3.8/3, Error ellipse: s-maj=18.7km s-min=6.6km az=12.1

ISC 27 04:40:10.4:1.0, 37:77Sx0:06:74:1W:0:1, h35km, n18, c193/19, mb3.9/7, MS3.8/3, Off coast of central Chile

0.43 42 Op ISC h m s ISC CCSP San Pedro de C 1.23 42 eP Pn 04 40 28.6 +2.6 CCSP 0.43 42 eS Sg 04 40 37.3 +0.7 CCSP 0.43 42 eS AML AML 04 40 50.1

comp=N, 19nm, 0.6s COCH Cobquecura 1.96 34 eS Sg 04 40 39.0 -2.1 COCH 0.43 42 eS Sg 04 41 05.9 +1.4 COCH 0.43 42 eS AML AML 04 41 12.4

comp=E, 3um, 1.9s CCHI Chilean 2.02 55 eP Sg 04 40 41.8 -0.1 CCHI 0.43 42 eS Sg 04 41 05.9 +3.6 CCHI 0.43 42 eS AML AML 04 41 19.8

0.21 161 eP Pn 04 40 42.2 -1.5 VLCH Valdivia 2.15 161 eP Pn 04 40 52.3 -1.9 OSCH Osorno 2.91 165 eP Pn 04 41 09.5 -0.6 PLCA Paso Flores 4.06 138 Lg 04 42 10.4

comp=E, 2.3nm, 0.3s, baz=334, slow=9.4, SNR=67 LVC Limon Verde 15.76 18 Pn 04 43 48.5 -1.5 comp=E, 5.5nm, 0.3s, baz=200, slow=12, SNR=2.5 LVC 0.43 50 12.5 comp=E, 354nm, 19.6s, baz=204, slow=39 CPUP Villa Florida 18.22 56 P LR 04 44 18.7 -1.8 CPUP 0.43 51 57.4 comp=E, 205nm, 18.6s, baz=276, slow=40 LPUZ La Paz 22.05 16 Pn 04 45 03.8 +1.1

0.25 32 P Pn 04 45 24.8 -2.4 SIV San Ignacio 24.57 32 P comp=E, 1.9nm, 0.7s, baz=111, slow=1.8, SNR=3.1 SIV 04 56 01.2 comp=E, 88nm, 18.3s, baz=265, slow=39 BDFB Brasilia 31.91 53 P 04 46 31.1 -1.6 comp=E, 1.2nm, 0.6s, baz=207, slow=6.8, SNR=3.1 GSPA South Pole Qui 52.47 180 P 04 49 22.4 +2.9 comp=E, 2.3nm, 1.0s, baz=144, slow=2.8, SNR=4.1 TXAR Lajitas Array 72.25 333 P 04 51 35.0 +2.9 comp=E, 0.3nm, 0.8s, baz=148, slow=8.6, SNR=3.0 TXAR 04 51 02.8 comp=E, 48nm, 18.3s, baz=20, slow=32 DBIC Dimboko 77.99 72 P 04 52 06.2 +0.8 BOSA Boshof 79.81 118 LR 05 22 43.5 comp=E, 152nm, 20.6s, baz=228, slow=32 TORD Torodi Arr Be 87.07 317 P 04 52 45.7 0.0

0.6nm, 0.6s, baz=125.9, slow=3.4, SNR=4.2 BRTR Keskin Arr B 120.59 64 PKP PKP 04 59 08.5 +1.5 comp=E, 0.4nm, 0.7s, baz=227, slow=1.8, SNR=3.3 MKAR Makanchi Array 160.42 55 PKP PKP 05 00 47.8 +0.7 comp=E, 0.7nm, 0.8s, baz=289, slow=7.3, SNR=4.1

IDC 27 04:49:21.6:2.8, 11:02Sx112:82E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/36, mbmtmp3.6/5, ML3.6/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/28, Error ellipse: s-maj=135.7km s-min=82.3km az=45.0, ISCJB 27 04:49:23.6:1.0, 11:26Sx0:06:112:54E:0:1, h35km, mb3.5/4, Error ellipse: s-maj=14.3km s-min=8.1km az=160.4, DJA 27 04:49:24.8:1.0, 9:9Sx10:11E:0:1, h135km, 16km, M3.7/15, ML3.7/15

ISC 27 04:49:25.0:1.4, 11:33Sx10:11E:0:1, h35km, n17, c194/14, mb3.4/4, South of Java

Code Station Name Azimuth Phase ID Time Res ISC JAGI Jagaj, Banyuwa 3.20 30 Op Pn 04 50 12.8 -0.1 PJI Pn 04 50 50.3 +0.4 PJI Pn 04 50 22.7 +8.5 PWJI Sg 04 50 49.0 -3.2 IGBI Denpasar 3.54 47 P Pn 04 50 19.4 +1.8 GJJI Bagan Agung 3.65 47 P Pn 04 50 19.5 +0.8 ABJI Asemagi 3.83 26 P Pn 04 50 19.7 -1.7 NGJI Ngawi 4.01 345 P Pn 04 50 34.7 +1.1 NGJI Sg 04 51 10.8 +1.1 TWSI Taliwang, Sumb 4.97 60 P Pn 04 50 37.4 +0.2 BAWI Bawean 5.36 30 P Pn 04 50 43.3 +0.5 KJJI Kumpang 9.47 50 LR LR 04 55 48.2

comp=Z, 39nm, 18.7s, baz=246, slow=42 FITZ Fitzroy Crossi 14.39 120 Pn 04 52 44.6 -1.7 0.2nm, 0.3s, baz=300, slow=1.1, SNR=5.5 WRA Warramunga Arr 22.69 15 P 04 54 23.7 -0.1 1.1nm, 0.7s, baz=289, slow=11, SNR=4.8 ASAR Alice Springs 23.79 124 P 04 54 35.4 +0.6 0.8nm, 0.7s, baz=301, slow=10.0, SNR=8.8 H08S2 Diego Garcia H 39.63 272 T 05 38 54.2 comp=Z, 99s, slow=76, SNR=10 H08S3 Diego Garcia H 39.64 272 T 05 38 54.9 comp=Z, 99s, slow=76, SNR=8.6 H08S1 Diego Garcia H 39.65 272 T 05 35 58.8 comp=Z, 99s, slow=76, SNR=7.5 MKAR Makanchi Array 67.81 337 P 04 59 54.5 +0.9 0.1nm, 0.4s, baz=134, slow=8.1, SNR=3.3 ZALV Zalevo Beam 69.09 343 P 05 00 28.7 +1.5 0.7nm, 0.4s, baz=133, slow=8.1, SNR=2.7

IDC 27 05:04:30.9:0.9, 15:20Sx173:58W, h0km, mb3.9/8, mb1 4.1/9, mb1mx3.9/41, mbmtmp3.9/9, ML4.4/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/26, Error ellipse: s-maj=40.7km s-min=18.4km az=136.0, NEIC 27 05:04:32.7:0.5, 15:12Sx173:58W, h10km, mb4.6/4, Error ellipse: s-maj=21.6km s-min=9.9km az=134.0, ISC 27 05:04:35.4:0.8, 15:25Sx0:2:173:3W:0:2, h30km, n16, c194/16, mb4.3/1, Tonga Islands

Code Station Name Azimuth Phase ID Time Res ISC AFI Afiamalu 1.96 50 Op Pn 05 05 07.5 -0.8 112nm, 0.3s, baz=182, slow=1.1, SNR=168 AFI 05 05 27.6 -2.7 897nm, 0.3s, baz=187, slow=3.6, SNR=32 AFI 05 05 42.8 comp=Z, 120nm, 19.7s, baz=182, slow=33 AFI 05 05 07.2 +0.5 AFI Afiamalu 1.96 50 eP Pn 05 05 27.9 -2.4 AFI 05 12 16.8 RAR Rarotonga 14.21 117 LR LR 05 09 51.0 -1.1 comp=Z, 26nm, 21.6s, baz=275, slow=32 URZ Urewera 24.50 198 P 05 09 52.0 -0.1 4.9nm, 0.8s, baz=90, slow=3.2, SNR=2.8 URZ Urewera 24.50 198 eP 05 09 52.0 -0.1 35nm, 1.7s URZ 05 21 33.5

RPZ Rata Peaks 31.42 20 LR 05 21 33.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Y12C Blythe, Y12C Elison Array, ILAR Elison Array, etc.

ISCJB 27 05:51:50.3±0.9, 26.7N:0.1±1.43:94E:0.1, h10km, mb3.5/6, Error ellipse: s-maj=21.1km s-min=11.6km az=15.9

IDC 27 05:51:50.6±1.0, 26.77N:143.92E, h0km, mb3.6/6, mb1.3/8, mb1mx3.5/3, mbtmp3.6/6, Error ellipse: s-maj=25.9km s-min=22.9km az=71.0

ISC 27 05:51:52.1±1.0, 26.8N:0.2±143.85E:0.1, h10km, n7, ±0.67/12, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, SONM Sogingo Array, WRA Warrunganga Arr, etc.

NEIC 27 05:55:43.7±1.1, 26.99S:177.60W, h137km, gm, mb4.5/1, Error ellipse: s-maj=16.4km s-min=11.3km az=79.0

IDC 27 05:55:43.8±2.0, 26.89S:177.62W, h133km, 1.7km, mb3.9/11, mb1.4/0, mb1mx3.8/4, mbtmp3.4/12, Error ellipse: s-maj=21.9km s-min=17.6km az=54.0

ISCJB 27 05:55:44.2±0.8, 27.00S:0.06E:177.7W:0.2, h150km, mb4.0/12, Error ellipse: s-maj=21.2km s-min=8.9km az=173.6

ISC 27 05:55:45.1±0.7, 27.01S:0.07±177.6W:0.2, h150km, n24, ±0.99/29, mb4.1/12, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, MSVF Nonsavu, etc.

ISCJB 27 05:58:40.8±0.8, 27.81N:0.06±112.17W:0.06, h10km, mb3.1/3, MS3.3/3, Error ellipse: s-maj=9.6km s-min=7.1km az=28.0

MEX 27 05:58:40.9±0.5, 27.82N:112.48W, h12km, 25km, MD4.5 IDC 27 05:58:42.2±1.5, 27.97N:112.24W, h0km, mb3.6/4, mb1.3/7, mb1mx3.5/43, mbtmp3.4/10, ML3.3/6, MS3.3/5, Ms1.3/3, ms1mx3.0/21, Error ellipse: s-maj=21.3km s-min=12.0km az=27.0

ISC 27 05:58:41.6±0.8, 27.89N:0.05±112.23W:0.08, h10km, n16, ±0.67/12, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SRIG Santa Rosalia, SRIG Santa Rosalia, HSG La Paz, etc.

DJA 27 06:01:21.5±0.6, 1.5S:±12.0E:±, h21km±11km, M3.6/8, MLv3.6/8, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCI Palu, APSI Ampana, TTSI Tana Toraja, etc.

CASC 27 06:06:04.2±1.8, 8.92N:81.95W, h0km±7km, MD4.1, 1D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRU Baru, PNME Penonome, BUS Buena Vista, etc.

IDC 27 06:15:22.3±3.5, 10.61S:±165.01E, h0km, mb3.8/4, mb1.4/0, mb1mx3.6/38, mbtmp3.3/5, MS2.9/2, Ms1.2/8, ms1mx2.5/43, Error ellipse: s-maj=153.4km s-min=29.8km, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, STKA Stephens Creek, WRA Warrunganga Arr, etc.

IDC 27 06:20:04.1±1.5, 33.81N:135.28E, h0km, mb3.5/2, mb1.3/5, mb1mx3.2/45, mbtmp3.3/5, ML2.8/3, Error ellipse: s-maj=27.6km s-min=14.1km az=148.0

ISCJB 27 06:20:06.3±0.6, 34.14N:0.13±135.14E:0.03, h9km±5km, mb3.5/2, Error ellipse: s-maj=5.6km s-min=4.4km az=35.3

JMA 27 06:20:06.8±3.4, 17.17N:135.18E, h7km, M3.3, Broadband fault plane solution: P waves, NP1±202.00000°, ±82.00000°, 1.109.00000°, NP2±341.00000°, ±82.00000°, 1.533.00000°. Principal axes: T: P163.00000°, Azm142.00000°, N: P17.00000°, Azm14.00000°; P: Azm12.00000°, Azm278.00000°

JMA Felt III J1, ISC 27 06:20:07.1±1.1, 34.16N:0.03±135.18E:0.03, h5km±10km, n14, ±134/23, 1C-5D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JWM Minabe, JWW Kouya, JWY Tsuna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, WRA Warrunganga Arr, etc.

IDC 27 06:24:44.0±3.0, 11.83N:44.10E, h0km, mb3.6/8, mb1.3/7, mb1mx3.5/41, mbtmp3.6/8, Ms1.3/3, ms1mx3.1/41, Error ellipse: s-maj=70.6km s-min=28.4km az=167.0

ISC 27 06:24:44.9±1.9, 11.9N:0.3±44.1E:0.2, h4km, n14, ±0.88/9, mb3.8/8, MS3.1/5, Western Gulf of Aeden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FURI Furi, KMB Kilima Mbogo, GEYT Allbeck, etc.

ISCJB 27 06:30:20.4±0.8, 26.65N:0.1±144.10E:0.1, h10km, mb3.7/9, Error ellipse: s-maj=19.7km s-min=11.2km az=19.5

IDC 27 06:30:20.8±0.8, 26.65N:143.99E, h0km, mb3.7/9, mb1.3/9, mb1mx3.6/43, mbtmp3.7/9, Error ellipse: s-maj=24.5km s-min=19.3km az=47.0

ISC 27 06:30:22.4±0.9, 26.6N:0.2±143.90E:0.09, h10km, n11, ±0.57/12, mb3.8/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, SONM Sogingo Array, WRA Warrunganga Arr, etc.

ISCJB 27 06:41:45.1±0.1, 22.96S:0.03±176.41W:0.03, h88km, mb5.2/13, Error ellipse: s-maj=4.6km s-min=2.5km az=137.1

MOS 27 06:41:45.1±1.2, 22.74S:176.46W, h82km, mb5.4/30, Error ellipse: s-maj=10.6km s-min=7.9km az=59.6

AUST 27 06:41:45.3±1.2, 22.61S:175.97W, h98km±14km, Error ellipse: s-maj=12.4km s-min=9.7km az=109.0

IDC 27 06:41:46.8±0.2, 22.70S:176.43W, h86km±9km, mb4.7/32, mb1.4/8, mb1mx4.1/70, mbtmp5.0/33, MS4.1/20, Ms1.4/12, ms1mx4.0/33, Error ellipse: s-maj=12.8km s-min=9.5km az=175.0

GCMT 27 06:41:48.5±0.1, 22.82S:175.99W, h98km±1km, MW5.3/112, Moment Tensor Solution. s97c161; s112c198; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn:0.04±0.02; Mw:0.48±0.02; Mw0.52±0.02; Mw±0.4±0.02; Mw0.61±0.02; Mw0.95±0.01; Best double couple: M1.298000°/1017° NP1±202.00000°, ±88.00000°, 1.2800000°, NP2±291.00000°, ±88.00000°, 1.2000000°. Principal axes: T: 1.3280, P1635.0000°, Azm142.00000°; N: -0.0600, P1638.0000°, Azm19.00000°; P: -1.2880, P1633.0000°, Azm259.00000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 27 06:41:48.5±0.8, 22.92S:176.41W, h107km±7km, mb5.3/95, Error ellipse: s-maj=5.3km s-min=3.7km az=139.0

NEIC Felt [V] at Aua. Also felt at Nuku'alofa, Tonga. BUI 27 06:41:49.0, 22.31S:175.56W, h102km, mb5.0/34, mb5.5/29

BGR 27 06:41:50.4, 21.84S:177.00W, h93km, ISC 27 06:41:46.7±0.3, 22.94S:0.04±176.29W:0.05, h94km±2km, h93km, pp-P, n838, ±134/925, mb5.3/131, 52C-12D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like URZ Urewera, URZ Koko, URZ Rihuhau, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like STKA comp=Z,3.9nm,0.9s, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like SBUM Sibiu, KSM Kuching, KSM Kuching, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PDMCI Parker Dam, Lak, TPVU Topopah Spring, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PMR comp=Z,25nm,1.3s, PMR Palmer, LTX LTX, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like 933A Laredo, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

1649

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 434A Burnet, 233A Rising Star, 736A Circle Diamond, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like V33A Lossen Ranch, 438A Sam Houston St, J26A Sider Ranch, etc.

27d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like YKA comp=Z,0.3nm,0.6s, 98.06 24 P, YKA comp=Z,1.0nm,0.8s, etc.

27d 7h

Table with columns for station name, frequency, and various technical parameters. Includes stations like KLMR Klimovskoe, LSZ Lusaka, and various FINESS Array S stations.

2010 DEC

Table with columns for station name, frequency, and various technical parameters. Includes stations like VRI Vrincoiaia, KSP Ksiaz, and various stations in the Americas and Europe.

1650

Table with columns for station name, frequency, and various technical parameters. Includes stations like SOKA Soboth, ABTA Alfaltersbach, and various stations in the Pacific and Atlantic regions.

Table with columns: ILAR, Eielson Array, 20.49 37 P, P, 07 16 22.8 -1.2, etc.

IDC 27 07:32:45.7 0.9, 53.76N, 87.96E, h0km, mb3.6/6, m1.3 8/11, mb1mx3.6/4.5, mbtmp3.7/11, ML3.6/5, MS4.4/2, Ms1.4 4/2, ms1mx3.0/5.2, Error ellipse: s-maj=16.6km, s-min=12.5km az=138.0

ISCJB 27 07:32:49.5 0.8, 53.74N, 0.05:87.38E:0.10, h33km, mb3.6/6, MS4.4/2, Error ellipse: s-maj=8.6km s-min=6.6km az=27.7

NNC 27 07:32:55.2 5.6, 53.64N, 86.59E, h0km, mb4.3, mpv4.3, Error ellipse: s-maj=20.2km s-min=13.9km az=62.0

Main table for station 1651, listing codes, station names, and coordinates.

IDC 27 07:46:57.9 0.5, 51.25N, 176.10W, h0km, mb4.5/4.1, mb1.4 6/42, mb1mx4.5/6.6, mbtmp4.5/42, ML4.4/1, MS4.0/20, Ms1.4 0/20, ms1mx3.8/4.3, Error ellipse: s-maj=17.6km, s-min=9.2km az=172.0

4.9520, Plg82.0000, Azm319.0000: N -1.2570, Plg2.0000, Azm62.0000: P -3.6950, Plg8.0000, Azm152.0000: nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 07:47:00.1, 51.03N, 175.97W, h14km, mb4.9/8.8, ML4.4(AEIC), After AEIC.

ISCJB 27 07:47:01.1, 0.2, 51.16N, 0.03:176.03W:0.02, h33km, mb4.8/12.8, MS4.0/20, Error ellipse: s-maj=5.0km s-min=2.1km az=3.2

BUI 27 07:47:02.8, 51.58N, 176.28W, h2km, mb5.1/5.4, mb5.2/40, Ms4.9/29, Ms7.4/6/18

ISC 27 07:47:02.9, 0.8, 51.19N, 0.06:176.14W:0.03, h33km, 3km, n642, 0.9/98/657, mb4.8/130, MS4.0/20, 19C-5D, Andronoff Islands

Main table for station 2010 DEC, listing codes, station names, and coordinates.

Main table for station 27d 7h, listing codes, station names, and coordinates.

27d 7h

BOZ	Bozeman (W)	41.94	71	eP	P	07 54 50.6 +0.2
BOZ	Bozeman (W)	41.94	71	eP	P	07 54 50.2 -0.2
BOZ	Bozeman (W)	41.94	71	eP	P	07 54 50.6 +0.2
JNU	Nakatsue	42.22	266	P	P	07 54 53.1 +0.5
ELK	Elko	42.45	80	eP	P	07 54 55.7 +0.9
ELK	Elko	42.45	80	eP	P	07 54 55.7 +0.9
YNR	Norris Junctio	43.01	72	eP	P	07 54 59.5 +0.3
YFT	Old Faithful	43.06	72	eP	P	07 55 00.7 +1.1
H17A	Grant Village	43.24	72	eP	P	07 55 01.9 +0.8
H17A	Grant Village	43.24	72	eP	P	07 55 01.4 +0.3
FLWY	Flag Ranch	43.34	73	eP	P	07 55 02.5 +0.7
HVU	Hansel Valley	43.38	77	eP	P	07 55 02.7 +0.6
HVU	Hansel Valley	43.38	77	eP	P	07 55 02.7 +0.6
RLMT	Red Lodge	43.63	71	eP	P	07 55 04.3 +0.1
RLMT	Red Lodge	43.63	71	eP	P	07 55 04.7 +0.5
R11A	Troy Canyon, C	43.66	83	eP	P	07 55 04.2 -0.3
R11A	Troy Canyon, C	43.66	83	eP	P	07 55 05.0 +0.5
DAC	Darwin (Calif)	43.68	86	eP	P	07 55 05.2 +0.5
DAC	Darwin (Calif)	43.68	86	eP	P	07 55 05.2 +0.5
DAC	Darwin (Calif)	43.68	86	eP	P	07 55 05.2 +0.5
BCU	Big Grassy Mou	43.71	78	eP	P	07 55 05.1 +0.3
BSC	Santa Cruz Isl	43.86	90	eP	P	07 55 07.0 +1.1
TPNV	Topopah Spring	44.11	85	eP	P	07 55 08.1 0.0
DUG	Dugway	44.28	79	eP	P	07 55 10.0 +0.6
DUG	Dugway	44.28	79	eP	P	07 55 09.9 +0.6
DUG	Dugway	44.28	79	eP	P	07 55 10.0 +0.6
BW06	Boulder Array	44.77	74	eP	P	07 55 13.1 -0.2
BW06	Boulder Array	44.77	74	eP	P	07 55 13.4 +0.1
PDAR	Pinedale Array	44.77	74	eP	P	07 55 13.3 0.0
DGMT	Dagmar	44.78	64	eP	P	07 55 13.0 -0.1
DGMT	Dagmar	44.78	64	eP	P	07 55 12.7 -0.4
GSC	Goldstone	44.80	87	eP	P	07 55 13.6 +0.1
GSC	Goldstone	44.80	87	eP	P	07 55 23.4 +0.2
GSC	Goldstone	44.80	87	eP	P	07 55 14.0 +0.6
GSC	Goldstone	44.80	87	eP	P	07 55 13.6 +0.1
GSC	Goldstone	44.80	87	eP	P	07 55 23.4 +0.2
INLU	North Lily Min	44.87	78	eP	P	07 55 14.3 +0.1
MPU	Maple Canyon	45.11	78	eP	P	07 55 16.2 +0.1
A25A	Svangstu Ranch	45.14	63	eP	P	07 55 15.2 -0.7
B25A	Knox Farm, Ray	45.47	64	eP	P	07 55 18.2 -0.4
C25A	Freed Ranch, W	45.72	64	eP	P	07 55 20.3 -0.2
A26A	Wade Farm, Ken	45.76	62	eP	P	07 55 20.6 -0.3
TMUT	Trail Mountain	45.80	79	eP	P	07 55 21.7 -0.1
GMRC	Granite Mounta	45.85	87	eP	P	07 55 21.6 -0.2
CRY	Cary Ranch	45.96	89	eP	P	07 55 22.4 -0.3
P18A	Preston Nutter	46.20	78	eP	P	07 55 24.7 -0.1
E25A	Miller Ranch,	46.30	66	eP	P	07 55 25.1 -0.1
C26A	Wahner Farm, P	46.31	64	eP	P	07 55 25.0 -0.2
SRU	San Rafael	46.34	78	eP	P	07 55 25.9 +0.2
SRU	San Rafael	46.34	78	eP	P	07 55 25.9 +0.2
D26A	Manning	46.55	65	eP	P	07 55 26.9 -0.2
F25A	Bowman	46.59	67	eP	P	07 55 27.4 -0.1
K22A	Casper	46.66	72	eP	P	07 55 27.8 -0.4
K22A	Casper	46.66	72	eP	P	07 55 27.7 -0.4
C27A	Saylor Ranch,	46.70	63	eP	P	07 55 27.8 -0.5
E26A	Carlson Angus	46.85	65	eP	P	07 55 29.3 -0.2
B28A	Dugan Ranch, T	46.94	62	eP	P	07 55 29.8 -0.3
SWSC	Sam W. Stewart	46.97	89	eP	P	07 55 31.6 +1.1
G25A	Newell	47.02	67	eP	P	07 55 29.8 -1.1
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	47.05	284	P	P	07 55 32.3 +1.3
BJI	Beijing	47.05	284	P	P	07 57 21.5 -0.2
BJI	Beijing	47.05	284	P	P	08 02 24.8 +4.4
BJI	Beijing	47.05	284	P	P	08 05 42.5 -4.7
BJI	Beijing	4				

Q33A	Connelly Farm,	54.09	70	P	P	07 56 23.8	-0.4
K37A	Belmond	54.11	64	P	P	07 56 23.4	-0.9
N35A	Tabor	54.18	67	P	P	07 56 24.4	-0.4
T31A	Randall Ranch,	54.23	73	P	P	07 56 24.9	-0.4
M36A	Felix, Anita	54.28	66	P	P	07 56 25.3	-0.3
MNTX	Cornudas Mount	54.33	82	P	P	07 56 26.0	0.0
MNTX	Cornudas Mount	54.33	82	eP	P	07 56 26.5	+0.5
P34A	Walnut Farm, R	54.33	69	P	P	07 56 25.1	-0.8
MSTX	Muleshoe	54.41	78	P	P	07 56 26.8	+0.1
MSTX	Muleshoe	54.41	78	eP	P	07 56 29.4	+2.6
L37A	Phoenix Point,	54.45	65	P	P	07 56 47.6	+1.1
R33A	Olander Ranch,	54.45	71	P	P	07 56 26.3	-0.5
N36A	Muff Farm, Cla	54.60	67	P	P	07 56 27.7	-0.2
U31A	Nine Bar Ranch	54.60	74	P	P	07 56 28.1	0.0
T32A	Huddler Ranch,	54.63	73	P	P	07 56 28.1	-0.1
Q34A	Chapman	54.67	70	P	P	07 56 28.0	-0.4
K38A	Parkersburg	54.68	64	P	P	07 56 27.8	-0.6
M37A	Trindle Farm,	54.74	66	P	P	07 56 28.6	-0.3
KSU1	Kansas State U	54.75	70	P	P	07 56 28.4	-0.5
KSU1	Kansas State U	54.75	70	eP	P	07 56 28.5	-0.5
P35A	Duane Minner,	54.82	69	P	P	07 56 28.5	-1.0
L38A	Oak Wood Farm,	54.90	65	P	P	07 56 29.0	-1.0
R34A	Isabella, Hill	54.90	71	P	P	07 56 29.3	-0.8
S33A	Kasznalw Farm,	54.91	72	P	P	07 56 29.4	-0.8
W30A	Crocket Farms	54.95	76	P	P	07 56 30.6	0.0
SSLB	Suanglung	54.95	265	eP	P	07 56 30.4	-0.2
V31A	Spring Creek L	55.00	75	P	P	07 56 31.0	0.0
O36A	Bolkow	55.04	68	P	P	07 56 30.5	-0.6
N37A	Lee Fairs, Mou	55.07	67	P	P	07 56 31.0	-0.3
U32A	Winter Ranch,	55.11	74	P	P	07 56 30.8	-0.8
M38A	Pleasantville	55.23	65	P	P	07 56 31.2	-1.2
P36A	Good Intent, A	55.24	68	P	P	07 56 32.0	-0.5
Q35A	Merced Eighty,	55.25	69	P	P	07 56 31.9	-0.7
X30A	Coker Ranch, T	55.26	77	P	P	07 56 32.2	-0.6
W31A	Holland Ranch,	55.33	75	P	P	07 56 32.8	-0.6
XAN	Xi'an	55.34	283	P	P	07 56 33.8	+0.5
XAN				P	P	07 56 50.8	+7.5
XAN				P	P	07 58 38.5	+1.6
XAN				S	S	08 04 10.3	-4.9
XAN				ScS	ScS	08 06 16.8	-3.1
XAN				SS	SS	08 07 53.8	-5.6
XAN	comp=Z,22nm,1.0s						
XAN	comp=Z,94nm,5.0s				PMZ		
XAN	comp=Z,140nm,14.3s				LN		
XAN					LE		
ZALV	Zalesovo Beam	55.37	315	P	P	07 56 32.4	-0.8
ZALV	comp=Z,1.4nm,0.8s,baz=46,slow=8.5,SNR=6.3				PcP	07 57 33.6	+0.3
ZALV	comp=Z,4.4nm,0.7s,baz=36,slow=3.5,SNR=11.1				LR	08 22 16.0	
ZALV	comp=Z,2.02nm,18.5s,baz=68,slow=38				LR		
ZALV	Zalesovo Beam	55.37	315	P	P	07 56 32.4	-0.8
ZALV	comp=Z,1.0nm,0.8s				pmax	pmax	
ZALV	comp=Z,4.0nm,0.7s				pmax	pmax	
ZALV	comp=Z,2.02nm,18.5s				MLR	MLR	
S34A	Willow Spring	55.37	71	P	P	07 56 32.9	-0.6
NVS	Novosibirsk	55.48	316	eP	P	07 56 32.5	-1.4
O37A	Wolver Farm, M	55.50	67	P	P	07 56 33.6	-0.8
R35A	Emporia Municipi	55.50	70	P	P	07 56 33.8	-0.7
Q36A	Arnold C. Orve	55.52	69	P	P	07 56 33.8	-0.7
U33A	Lingo Farm, Me	55.61	73	P	P	07 56 35.2	-0.1
N38A	Joes South For	55.61	66	P	P	07 56 34.5	-0.7
X31A	McDonald Ranch	55.68	76	P	P	07 56 35.9	+0.1
P37A	Lathrop	55.76	68	P	P	07 56 35.5	-0.7
T34A	McClaskey Farm	55.77	72	P	P	07 56 36.0	-0.4
W32A	Sentinel	55.80	75	P	P	07 56 36.8	+0.2
S35A	Otter Creek Ra	55.85	71	P	P	07 56 36.2	-0.8
Z30A	Sanderson Ranc	55.89	78	P	P	07 56 36.6	-0.7
R36A	Gordon, Harris	55.91	70	P	P	07 56 36.4	-0.9
V33A	Lossen Ranch,	55.91	74	P	P	07 56 37.0	-0.4
O38A	Galt	55.91	67	P	P	07 56 36.5	-0.9
U34A	Anderson Ranch	55.96	73	P	P	07 56 37.2	-0.4
U34A	Anderson Ranch	55.96	73	eP	P	07 56 37.3	-0.4
N39A	Derby Farms, D	55.98	65	P	P	07 56 37.0	-0.8
Q37A	Longview Farm,	56.17	68	P	P	07 56 38.1	-1.1
P38A	Dawn	56.21	67	P	P	07 56 38.7	-0.8
X32A	Elmer	56.25	76	P	P	07 56 39.8	0.0
T35A	Sooner Cattle	56.25	71	P	P	07 56 38.9	-0.9
W33A	Caddo, Fort Co	56.25	74	P	P	07 56 40.1	+0.2
S36A	Lake Cedric, C	56.26	70	P	P	07 56 38.7	-1.2
V34A	Guthrie	56.37	73	P	P	07 56 40.2	-0.4
Y32A	R-V Farms, Ver	56.43	76	P	P	07 56 41.1	-0.1
130A	Snyder	56.45	78	P	P	07 56 41.1	-0.3
Z31A	Sharp Cattle R	56.47	77	P	P	07 56 42.0	+0.5
U35A	Pawnee	56.48	72	P	P	07 56 40.6	-0.8
T36A	Boggs Farm, Ca	56.53	71	P	P	07 56 41.1	-0.6
Q38A	Cooks Store, C	56.60	68	P	P	07 56 41.2	-1.0
W34A	Bridge Creek,	56.62	74	P	P	07 56 42.0	-0.4
X33A	Lawton	56.64	75	P	P	07 56 41.5	-1.1
S37A	Fort Scott	56.69	70	P	P	07 56 41.8	-1.1
P39A	Salisbury	56.75	67	P	P	07 56 42.2	-1.1

131A	Roby	56.76	78	P	P	07 56 43.1	-0.4
V35A	Meyer Ranch, C	56.83	73	P	P	07 56 43.8	-0.1
Z30A	Sterling City	56.85	79	P	P	07 56 43.6	-0.5
Z32A	Haskell	56.88	77	P	P	07 56 43.9	-0.5
Q39A	Willow Grove F	56.91	67	P	P	07 56 43.2	-1.3
Y33A	Hilltop Ranch,	56.93	75	P	P	07 56 44.7	0.0
X34A	Smith Ranch, M	57.01	74	P	P	07 56 45.7	+0.5
TX31	Lajitas Ar. Si	57.02	83	eP	P	07 56 44.9	-0.6
TXAR	Lajitas Array	57.02	83	P	P	07 56 45.4	-0.2
TXAR	comp=Z,1.3nm,0.9s,baz=302,slow=5.4,SNR=12			LR	LR	08 19 07.0	
LZH	Lanzhou	57.04	288	P	P	07 56 47.0	+1.4
LZH	comp=Z,133nm,19.7s,baz=0,slow=34			P	P	07 57 00.0	+4.4
LZH				SP	SP	07 57 06.5	+7.1
LZH	comp=Z,78nm,1.3s			PMZ			
LZH	comp=Z,170nm,5.6s			LN			
LZH	comp=Z,340nm,14.2s			LE			
LZH	comp=Z,640nm,19.5s			LZ			
T37A	Cheneyville 18	57.06	70	P	P	07 56 44.9	-0.7
U36A	Oologah	57.06	71	P	P	07 56 44.8	-0.7
GTA	Gaotai	57.18	294	eP	P	07 56 46.5	-0.1
GTA				P	P	07 57 00.3	+3.8
GTA				SP	SP	07 57 05.5	+5.1
GTA				PcP	PcP	07 57 42.0	+1.2
GTA				S	S	08 04 37.3	-2.5
GTA	comp=Z,12nm,1.6s			PMZ			
GTA	comp=Z,120nm,5.0s			PMZ			
GTA	comp=Z,290nm,19.0s			LN			
GTA	comp=Z,320nm,19.0s			LZ			
W35A	Tecumseh	57.22	73	P	P	07 56 46.7	+0.1
ABTX	Ablene, Hawle	57.25	77	P	P	07 56 47.2	+0.2
V36A	Jenks	57.35	72	P	P	07 56 47.4	-0.2
TUL1	Tulsa	57.35	72	P	P	07 56 47.2	-0.5
U37A	Tulsa	57.42	71	P	P	07 56 47.5	-0.6
Q40A	Laux Farm, Aux	57.47	67	P	P	07 56 47.4	-1.0
Y34A	Reagan Ranch,	57.49	75	P	P	07 56 48.8	+0.1
W36A	Wetumka	57.61	73	P	P	07 56 49.2	-0.3
X35A	Drake	57.67	74	P	P	07 56 49.7	-0.2
331A	San Angelo	57.67	79	P	P	07 56 49.2	-0.8
133A	Hamilton Ranch	57.71	77	P	P	07 56 50.2	+0.1
Z32A	Coleman	57.75	78	P	P	07 56 50.4	-0.2
V37A	Hulbert	57.76	71	P	P	07 56 49.6	-0.9
Z34A	Collier Ranch,	57.80	76	P	P	07 56 50.6	-0.2
U40A	Maddies Statio	57.83	68	P	P	07 56 49.2	-1.7
R38A	Gravette	57.83	71	P	P	07 56 49.6	-1.4
530A	J-C Ranch, Com	57.91	81	P	P	07 56 51.7	0.0
X36A	Centrahoma	57.92	73	P	P	07 56 51.4	-0.3
Y35A	Marietta	57.96	74	P	P	07 56 51.9	0.0
431A	Sonora	57.99	80	P	P	07 56 51.9	-0.4
ZALV	HDIL Hopedale	58.02	64	P	P	07 56 51.4	-0.8
332A	Millersview	58.04	78	P	P	07 56 52.4	-0.1
Z33A	Rising Star	58.12	77	P	P	07 56 52.7	-0.4
V38A	Canehill	58.21	71	P	P	07 56 52.2	-1.5
Z35A	Periaven, Spr	58.23	75	P	P	07 56 53.2	-0.6
134A	White-Moore Ra	58.24	76	P	P	07 56 54.1	+0.2
531A	Rocksprings	58.39	80	P	P	07 56 54.1	-1.0
Y36A	Durant	58.42	74	P	P	07 56 54.9	-0.3
X37A	Clayton	58.50	73	P	P	07 56 55.3	+0.6
333A	Richland Sprin	58.55	78	P	P	07 56 56.9	+0.8
ARCES	ARCES Array B	58.55	351	P	P	07 56 54.8	-0.7
ARCES	comp=Z,1.9nm,0.8s,baz=23,slow=6.6,SNR=3.6			PcP	PcP	07 57 45.5	-0.1
ARCES	comp=Z,9.5nm,0.8s,baz=14,slow=5.6,SNR=9.9			LR	LR	08 23 38.9	
ARCES	comp=Z,107nm,19.6s,baz=12,slow=38					07 56 54.8	-0.7
ARCES	ARCES Array B	58.55	351	P	P	07 57 45.5	
ARCES				pmax	pmax		
ARCES	comp=Z,2.0nm,0.8s			pmax	pmax		
ARCES	comp=Z,10.0nm,0.8s			MLR	MLR		
ARCES	comp=Z,107nm,19.6s			MLR	MLR		
Z34A	Clairette	58.60	77	P	P	07 56 56.6	+0.2
JCT	Junction City	58.63	79	P	P	07 56 56.5	-0.2
135A	Vickery Place,	58.66	76	P	P	07 56 56.9	+0.1
W38A	PotEAU	58.69	72	P	P	07 56 56.8	-0.2
Z36A	Blue Ridge	58.77	75	P	P	07 56 57.7	+0.1
631A	Perido Creek	58.80	81	P	P	07 56 57.8	-0.8
334A	Lometa	59.00	77	P	P	07 56 59.5	+0.2
WHTX	Lake Whitney	59.02	76	P	P	07 56 59.3	0.0
WHTX	Lake Whitney	59.02	76	eP	P	07 56 59.8	+0.4
SCHO	Schefferville	59.10	40	P	P	07 56 58.5	-1.1
136A	Ennis	59.26	75	P	P	07 57 00.8	-0.2
434A	Burnet	59.34	78	P	P	07 57 01.9	+0.2
SFIN	Schler Farm	59.37	63	P	P	07 57 01.5	-0.1
SFIN	Scholer Farm	59.37	63	eP	P	07 57 01.6	0.0
Z36A	Katherine and	59.58	76	P	P	07 57 03.2	0.0
MIAR	Mount Ida	59.61	72	eP	P	07 57 03.0	-0.4
MIAR	comp=Z,28nm,1.2s			pmax	pmax		
MIAR	Mount Ida	59.61	72	P	P	07 57 03.1	-0.2
MIAR	Mount Ida	59.61	72	eP	P	07 57 03.0	-0.4
137A	Heron Place, G	59.64	75	P	P	07 57 02.4	-1.2
Z38A	Mt. Pleasant	59.66	74	P	P	07 57	

27d 7h

Table of astronomical data for 27d 7h, listing objects like CHMS, NB2, NOA, etc. with columns for name, coordinates, and other parameters.

2010 DEC

Table of astronomical data for 2010 DEC, listing objects like WRA, PSI, BRTR, etc. with columns for name, coordinates, and other parameters.

1654

Table of astronomical data for 1654, listing objects like JCH, JHJ, MJAR, etc. with columns for name, coordinates, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like Villa Florida, El Rosal, Vanda, etc.

NAO 27 08:57:20.9-4.4, 61.30N-4.13E, ML2.1
CSEM 27 08:57:22.0-0.9, 61.36N-4.10E, h10km, ML2.2, Error ellipse: s-maj=18.5km s-min=7.7km az=104.0

BER 27 08:57:22.6-3.2, 61.50N-3.93E, h13km, ML2.3, ML2.2, ML2.1(NAO)
ISC 27 08:57:23.4-2.0, 61.44N-0.04-4.25E-0.09, h15km, 10km, n34, r151/52, 2, Central Norway

Main table of station data for the left column, including stations like Floro, Bergen, Aaknes, etc.

NIED 27 08:57:00, 27.40N, 143.50E, h8km, Mw4.5 Best double couple: M7.05000x1015 NP1.5x12.00000, d34.00000, lambda=110.00000, NP2.5x154.00000, d62.00000, lambda=110.00000
BUJ 27 08:57:51.5, 26.97N, 143.62E, h5km, mb4.7/46, mb5.0/36,

M4.5/24, M5.7 4.2/23
IDC 27 08:57:54.2, 0.6, 27.18N, 143.53E, h0km, mb4.5/24, mb1 4.6/29, mb1mx4.5/45, mbmp4.4/29, ML4.2, MS3.5/15, M1 3.6/15, ms1mx3.4/39, Error ellipse: s-maj=15.3km s-min=13.9km az=167.0
NEIC 27 08:57:56.0-0.1, 27.13N, 143.47E, h10km, mb5.1/61, MW4.5(NIED), Error ellipse: s-maj=4.2km s-min=3.1km az=189.0
MOS 27 08:57:56.4-1.1, 27.19N, 143.47E, h22km, mb5.0/48, Error ellipse: s-maj=9.1km s-min=5.3km az=108.7
GCMT 27 08:57:56.0-0.7, 26.88N, 143.55E, h23km, 1km, MW4.9/63, Moment Tensor Solution: m27.029, s63.083, Duration: 0 Moment tensor: Scale 10^19Nm; M1: 2.48; 23; Mw: 0.45; 12; Mw2: 0.3; 14; Mw: 1.18; 20; Mw: 0.1; 10; Mw: 0.53; 16; Best double couple: Mw2: 53800/1016 NP1.5x155.00000, d56.00000, lambda=111.00000. NP2: phi=10.00000, delta=39.00000, lambda=62.00000. Principal axes: T 2.1350, Plg9.0000, Azm260.0000; N 0.8070, Plg17.0000, Azm167.0000; P -2.9400, Plg70.0000, Azm16.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
JMA 27 08:57:57.8-0.2, 27.37N, 143.49E, h50km, M4.9
ISCJB 27 08:57:58.1-1.0, 27.47N, 143.40E, h25km, 7km, mb4.8/102, MS3.9/12, Error ellipse: s-maj=4.6km s-min=3.9km az=160.5

Main table of station data for the middle column, including stations like Chichi jima, Mitsune, Boso, etc.

Main table of station data for the right column, including stations like Hu-ho-hao-te, Lanzhou, Chengdu, etc.

27d 9h

Table with columns: BRTR, comp-Z, 2.8nm, 0.9s, baz=87, slow=3.2, SNR=10, LR, LR, 09 52 30.5, etc. Lists various astronomical observations with their parameters and results.

2010 DEC

Table with columns: JCT, baz=309, Junction City, 96.62 51 P, PK, PK, 09 11 27.4 -0.6, etc. Lists astronomical observations for December 2010, including station names and observation details.

1658

Table with columns: Y12C, baz=246, Blythe, 90.70 54 P, P, 09 13 23.1 -1.0, etc. Lists astronomical observations for 1658, including station names and observation details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TTT, SMLT, TYC, TYC, CHKT, CHKT, WDT, WDT, EHY, EHY, WDG, WDG, WDG, WDG, SCZT, SCZT, EAST, EAST, TWP, TWP, TAW, TAW, TCU, TCU, PNG, PNG, ESL, ESL, WHF, WHF, TWT, TWT, TWT, TWT, NSY, NSY, NSY, NSY, HWA, HWA, HWA, HWA, TWK, TWK, TWK, TWK, TWD, TWD, NNS, NNS, NNS, NNS, NSTT, NSTT, LAY, LAY, ENA, ENA, NSK, NSK, ENT, ENT, TWE, TWE, TWC, TWC, TWC, TWC, EGS, EGS, NWF, NWF, TWB, TWB, KNM, KNM, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JKRS, JKRS, JJJ, JJJ, JISG, JISG.

IDC 27 09:10:16.3z-0.9, 28.56Sx178.29W, h216km, 6km, mb3.3/3, mb1 3.5/3, mb1mx3.2/2.1, mbtmp3.9/3, Error ellipse: s-maj=32.4km s-min=27.3km az=14.0

IDC 27 09:10:16.7z1.4, 28.6S, 0.3x178.5W, 0.2, h210km, n8, a1f03/8, mb3.5/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, RAO, ASAR, ASAR, WRA, WRA, MAW, MAW, FINES, FINES, NOA, NOA, AKASG, AKASG, TORD, TORD.

IDC 27 09:12:31.5z6.0, 31.17Sx178.54W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/2.2, mbtmp3.5/2, Error ellipse: s-maj=243.2km s-min=57.0km az=157.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, WRA, WRA, FINES, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISJCJB, ISJCJB, IDC, IDC, WRA, WRA, SONM, SONM, WRA, WRA, KURBB, KURBB, AAK, AAK, FINES, FINES, LPAZ, LPAZ.

IDC 27 09:28:58.0z6.0, 27.07N, 143.65E, h0km, mb4.1/23, mb1 4.3/26, mb1mx4.2/4.2, mbtmp4.1/26, ML3.8/3, Error ellipse: s-maj=16.9km s-min=13.5km az=68.0

NEIC 27 09:29:00.3z0.3, 27.09N, 143.61E, h10km, mb4.7/9, Error ellipse: s-maj=7.0km s-min=6.0km az=62.0

JMA 27 09:29:01.7z0.1, 27.26N, 143.64E, h63km, M4.2

ISJCJB 27 09:29:02.4z0.5, 27.31N, 0.04x143.59E, 0.05, h33km, mb4.2/30, Error ellipse: s-maj=7.1km s-min=4.8km az=138.6

IDC 27 09:29:04.2z0.5, 27.21N, 0.06x143.56E, 0.07, h35km, n53, a1f14/59, mb4.2/30, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ, CBJJ, CBJJ, CBJJ, CBJJ, CBJJ, CBJJ, CBJJ, JHHJ, JHHJ, BSO1, BSO1, BSO3, BSO3, JOD2, JOD2, JRY, JRY, JAG, JAG, MJAR, MJAR, MAJO, MAJO, MAJO, MAJO, MAT, MAT, JFK, JFK, KRSR, KRSR, KSAR, KSAR, ASAJ, ASAJ, USRK, USRK, YHNB, YHNB, YULB, YULB, KLR, KLR, ULN, ULN, SONM, SONM, CMAR, CMAR, WRAB, WRAB, WRA, WRA, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR, ASAR, ASAR, DZM, DZM, KURK, KURK, KURK, KURK, KURBB, KURBB, ILAR, ILAR, BVAR, BVAR, STKA, STKA, KJAR, KJAR, INK, INK, ARU, ARU, ABKAR, ABKAR, AKTO, AKTO, GEYT, GEYT, YKA, YKA, EDM, EDM, BDM, BDM, FINES, FINES, KBZ, KBZ, NVAR, NVAR, AKASG, AKASG, PDAR, PDAR, RAYN, RAYN, BRTR, BRTR, TXAR, TXAR, TORD, TORD, LPAZ, LPAZ.

IDC 27 09:29:07.5z0.7, 27.21N, 0.10x143.33E, 0.2, h10km, mb4.0/9, Error ellipse: s-maj=29.9km s-min=13.9km

IDC 27 09:29:08.0z0.7, 27.23N, 143.33E, h0km, mb4.0/9, mb1 4.3/10, mb1mx3.9/4.0, mbtmp4.0/10, ML4.1/1, Error ellipse: s-maj=40.2km s-min=17.6km az=103.0

IDC 27 09:29:09.5z0.8, 27.22N, 0.11x143.4E, 0.2, h10km, n12, a1f12/11, mb3.3/6, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISJCJB, ISJCJB, IDC, IDC, WRA, WRA, SONM, SONM, WRA, WRA, KURBB, KURBB, AAK, AAK, FINES, FINES, LPAZ, LPAZ.

IDC 27 09:29:07.5z0.7, 27.21N, 0.10x143.33E, 0.2, h10km, mb4.0/9, Error ellipse: s-maj=29.9km s-min=13.9km

IDC 27 09:29:08.0z0.7, 27.23N, 143.33E, h0km, mb4.0/9, mb1 4.3/10, mb1mx3.9/4.0, mbtmp4.0/10, ML4.1/1, Error ellipse: s-maj=40.2km s-min=17.6km az=103.0

IDC 27 09:29:09.5z0.8, 27.22N, 0.11x143.4E, 0.2, h10km, n12, a1f12/11, mb3.3/6, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, MJAR, WRA, WRA, ASAR, ASAR, ILAR, ILAR, STKA, STKA, INK, INK, YKA, YKA, FINES, FINES, NVAR, NVAR, PDAR, PDAR, TORD, TORD, LPAZ, LPAZ.

IDC 27 09:31:58.9z1.1, 27.0N, 0.1x143.4E, 0.1, h10km, mb3.7/5, Error ellipse: s-maj=18.6km s-min=13.1km az=0.0

IDC 27 09:31:59.0z1.4, 27.01N, 143.53E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.6/4.2, mbtmp3.7/8, ML3.3/3, Error ellipse: s-maj=32.4km s-min=26.5km az=77.0

IDC 27 09:32:00.8z1.2, 27.1N, 0.1x143.43E, 0.1, h10km, n9, a1f23/10, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CJJ, CJJ, CJJ, MJAR, MJAR, KRSR, KRSR, USRK, USRK, WRA, WRA, MKAR, MKAR, KURBB, KURBB, YKA, YKA, FINES, FINES.

IDC 27 10:02:55.7z1.1, 23.9N, 0.2x93.8E, 0.2, h10km, mb3.5/5, Error ellipse: s-maj=36.2km s-min=8.5km az=42.6

IDC 27 10:02:56.4z2.1, 24.00N, 93.90E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.4/4.4, mbtmp3.6/5, Error ellipse: s-maj=59.14km s-min=22.3km az=71.0

IDC 27 10:02:57.4z1.4, 24.00N, 0.2x93.8E, 0.2, h10km, n6, a1f10/8, mb3.4/5, Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHL, SHL, SHL, SHL, MKAR, MKAR, SONM, SONM, WRA, WRA, ASAR, ASAR, ILAR, ILAR.

IDC 27 10:03:58.4z1.3, 27.12N, 144.16E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/3.7, mbtmp3.5/6, ML3.7/1, Error ellipse: s-maj=46.9km s-min=23.1km az=83.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, MJAR, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, YKA, YKA, ILAR, ILAR.

IDC 27 10:16:00.3z1.0, 23.87N, 142.01E, h0km, mb3.4/6, mb1 3.6/8, mb1mx3.4/4.7, mbtmp3.4/6, ML3.4/1, MS3.4/1, Ms1 3.4/1, ms1mx2.5/2.1, Error ellipse: s-maj=39.0km s-min=19.5km az=89.0

IDC 27 10:16:15.7z0.8, 24.03N, 0.06x141.5E, 0.2, h150km, mb3.2/6, Error ellipse: s-maj=22.0km s-min=8.2km az=8.7

JMA 27 10:16:18.2z0.2, 24.22N, 141.24E, h153km, M4.8

IDC 27 10:16:17.6z1.0, 24.07N, 0.09x141.5E, 0.2, h150km, n22, a1f14/21, mb3.3/6, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHHJ, JHHJ, JHHJ, JHHJ, CBJJ, CBJJ, CBJJ, CBJJ, HACHIO, HACHIO, BSO1, BSO1, BSO3, BSO3, JOD2, JOD2, JHU, JHU, JRY, JRY, JYT, JYT, JAG, JAG, JHO, JHO, MJAR, MJAR, JJK, JJK, JMK, JMK, USRK, USRK, KRSR, KRSR, FINES, FINES, WRA, WRA, PDAR, PDAR, RAYN, RAYN, BRTR, BRTR, TXAR, TXAR, ILAR, ILAR, YKA, YKA, TORD, TORD.

IDC 27 10:26:35.1z25.0, 17.14N, 122.87E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.4/4.7, mbtmp4.0/3, MS3.5/4, Ms1 3.5/4, ms1mx2.8/4.5, Error ellipse: s-maj=456.5km s-min=264.5km az=150.0

IDC 27 10:26:49.1z0.8, 15.67N, 0.04x122.01E, 0.06, h10km, mb3.9/3, MS3.4/4, Error ellipse: s-maj=8.6km s-min=5.7km az=160.0

27d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCPH Palayan, BCPH Baguio City Da, LQP Lukban, etc.

ISCJB 27 10:31:25.0-0.9, 36.55N-0105.70E:0.2, h100km, Error ellipse: s-maj=17.5km s-min=6.9km az=3.2

NCC 27 10:31:30.9-3.7, 36.82N-107.71E, h132km, 95km, mb3.1, mpv3.7, Error ellipse: s-maj=32.1km s-min=26.6km az=4.0

ISC 27 10:31:26.0-1.3, 36.55N-0107.70E:0.1, h100km, n14, c1543/18, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, THW Thamme Wali, AML Almayashu, etc.

ISCJB 27 11:11:10.8-0.6, 24.53N-0104.122.56E:0.02, h89km, 6km, Error ellipse: s-maj=7.2km s-min=2.8km az=169.9

JMA 27 11:11:10.2-0.1, 24.51N-122.53E, h94km, 2km, M2.2

TAP 27 11:11:11.0, 24.51N-122.53E, h80km, 1km, ML3.2, D

ISC 27 11:11:11.2-1.5, 24.52N-0106.122.56E:0.03, h88km, 10km, n33, c073/65, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, TWC Suao, etc.

2010 DEC

Table with columns: YUS, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALS alishan, ALS baz=238, ELDTW Lidau, etc.

IDC 27 11:18:10.8-1.7, 3.40N-122.31E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.5/39, mbtmp3.9/4, Error ellipse: s-maj=288.5km s-min=23.4km az=62.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 27 11:36:24.3-0.5, 51.22N-176.13W, h0km, mb4.4/33, mb1 4.5/34, mb1mx4.4/53, mbtmp4.4/34, ML4.6/1, MS4.2/22, Ms1 4.2/22, ms1mx4.0/54, Error ellipse: s-maj=17.4km s-min=9.7km az=165.0

GCMT 27 11:36:26.5-0.3, 51.06N-175.99W, h18km, 1km, MW5.0/72, Moment Tensor Solution: s42,c54; s72,c103; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.56±.19; Mw:2.20±.12; Mw-0.99±.13; Me2.17±.28; Mb:1.11±.07; M2.20±.37; Best double couple: M6.454600±.016

NF1=51.00000°, 0.8660000°, 1.8200000°; NF2= 62.5000000°, 3.2500000°, 1.0700000°. Principal axes: T 4.8190, Plg68.0000°, Azm306.0000°; N -0.5440, Plg7.0000°, Azm54.0000°; P -4.2740, Plg21.0000°, Azm147.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 27 11:36:26.5-0.1, 51.06N-176.01W, h25km, mb5.0/99, ML4.4(AEIC), After AEIC.

MOS 27 11:36:28.5-1.0, 51.35N-176.21W, h33km, mb5.1/50, MS4.1/11, Error ellipse: s-maj=7.9km s-min=6.2km az=97.2

BUI 27 11:36:28.2-5.1, 51.57N-175.91W, h47km, mb5.0/65, MS3.2/46, MS4.9/41, M6.7/43

ISCJB 27 11:36:30.4-0.5, 51.27N-176.12W:0.02, h45km, 3km, mb4.9/127, MS4.2/24, Error ellipse: s-maj=7.3km s-min=2.3km az=179.7

ISC 27 11:36:30.8-0.5, 51.12N-176.00E:0.03, h46km, 3km, h45km; pp-P, n657, c1924/659, mb4.9/129, MS4.2/24, 22C-17D, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagak, etc.

1660

Table with columns: SML, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SML Sawmill, BILL Bilibino, BILL comp=Z,43nm,1.7s, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like YKBS, B05A, USRKR, H11S1, MAJAO, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like REDW, R11A, D1AC, D1AC, D1AC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like I26A, WUUAZ, WUUAZ, N23A, N23A, B30A, etc.

27d 11h

2010 DEC

1662

Table with multiple columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like E35A Pequot Lakes, P28A Saint Francis, LAZ Ladrón, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ZRNC Zerenda, ARU Arti, HNR Honiara, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PBKT Sadao Pong, TAPN Tapejlung, ODAN Odan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR Makanchi Array, California, FITZ Fitzroy Crossi, etc.

27d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LSA, AML, AB31, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TIRR, TIRR, GZR, etc.

1666

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TSEB, TWK1, TWK1, etc.

27d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA, PLCA, LPZA, TORD, YKA, INK, SONM, ILAR, ILAR.

ISK 27 14:07:16.2, 41.45N, 36.00E, h5km, MD2.3
ISCJB 27 14:07:17.0, 6.0, 41.36N, 0.04, 35.87E, 0.05, h0km, Error
CSEM 27 14:07:17.6, 0.3, 41.37N, 35.88E, h1km, MD2.5, Error
DDA 27 14:07:18.2, 41.31N, 35.90E, h7km, MD2.5
ISC 27 14:07:18.1, 1.1, 41.36N, 0.03, 35.87E, 0.03, h0km, n14,
<05922, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAMS, HAVZ, KVT, DIKM, ERBA, ERBA, CORM, CORM.

ISCJB 27 14:08:43.0, 8.0, 10.82N, 0.04, 62.20W, 0.06, h105km, 8km,
Error ellipse: s-maj=10.1km s-min=5.7km az=32.6
TRN 27 14:08:45.9, 10.86N, 62.10W, h97km, MD3.2
FUNV 27 14:08:45.4, 10.88N, 62.16W, h95km, MV2.8
ISC 27 14:08:43.4, 1.5, 10.83N, 0.05, 62.19W, 0.05,
h111km, 10km, n15, <194124, 3C-20, Near coast of

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUVI, TCE, TRN, GUNV, TBH, GRW, EBT, GRHS, GRSS, ORIV, ORIV, GURV, CUPV, BIRV, LUEP, BAUV, BAUV.

MEX 27 14:12:42.8, 0.4, 14.05N, 91.69W, h12km, 241km, MD3.9,
Guatemala
Code Station Name Az Az' Phase ID Time Res ISC
PCIG 2.22 318 eP Pn 14 13 16.5 -2.9
CCIG 2.26 349 eS Pn 14 13 11.8 -4.9
CCIG 14 13 42.7 -3.1

AUST 27 14:13:54.2, 5.9, 2.95S, 133.17E, h5km, Error ellipse:
s-maj=1.2km s-min=1.1km az=264.0
ISCJB 27 14:14:13.8, 0.6, 4.73S, 0.04, 133.69E, h21km,
mb3.5/2, MS3.2/3, Error ellipse: s-maj=9.9km s-min=5.3km
az=168.2
IDD 27 14:14:13.8, 1.9, 4.88S, 132.99E, h0km, mb3.7/2,
mb1 3.9/5, mb1mx3.6/33, mbtmp3.7/5, ML3.8/3, MS3.1/4,
MS1 3.1/4, ms1mx2.7/40, Error ellipse: s-maj=93.5km
s-min=24.7km az=74.0
DJA 27 14:14:19.8, 0.8, 4.5, 13.5, 133.3E, h10km, M4.2/9, mb4.5/4,
mb5.0/1, ML4.1/9, M4.1/9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMPI, FAKI, BNDI, SWI, NLAI, SANI, KDU, MNTN, KTRN, WRA, WRA, FITZ, FITZ, FITZ, MTSU, ASAR, ASAR, WRKA, QLP, HNR, STKA.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, MKAR, VVDA, IDC 27 14:14:27.7, 8.8, 4.83S, 153.56E, h141km, 62km, mb3.7/3,
mb1 3.8/4, mb1mx3.3/35, mbtmp4.1/4, MS2.8/2, MS1 2.8/2,
mb1mx2.5/37, mb1mx3.4/65, mbtmp3.7/5, s-maj=75.3km
s-min=49.2km az=90.0, New Ireland region
Code Station Name Az Az' Phase ID Time Res ISC
PMG Port Moresby 7.80 234 P Pn 14 16 18.5 -0.1
PMG 3.5m, 0.3s, baz=47, slow=4.1, SNR=18
PMG 1.7nm, 0.3s, baz=108, slow=2.1, SNR=6.5
HNR Honiara 7.82 112 LR LR 14 19 30.7
WRA Warrungarra Arr 23.99 230 P P 14 19 29.9 +0.4
ASAR Alice Springs 26.64 232 P P 14 19 52.9 -0.6
STKA Stephens Creek 29.15 201 P P 14 20 15.5 -0.1
RAO Raoul Island 36.32 130 LR LR 14 33 27.1
TORD Tordar Bea 151.03 288 PKPbc PKPbc 14 34 05.0 -0.1

ISCJB 27 14:25:05.4, 0.7, 27.28N, 0.06, 143.76E, 0.07, h10km,
mb3.5/11, MS3.7/1, Error ellipse: s-maj=9.9km
s-min=7.8km az=137.9
IDD 27 14:25:05.2, 0.8, 27.17N, 143.72E, h0km, mb3.6/11,
mb1 3.9/13, mb1mx3.7/47, mbtmp3.6/13, ML3.2/42, MS3.1/2,
MS1 3.1/2, ms1mx2.3/51, Error ellipse: s-maj=20.6km
s-min=17.7km az=105.0
JMA 27 14:25:08.2, 0.9, 27.20N, 143.56E, h0km, M3.5
ISC 27 14:25:07.0, 0.8, 27.17N, 0.09, 143.61E, 0.06, h10km, n20,
<117211, mb3.5/11, Bonin Islands region
Code Station Name Az Az' Phase ID Time Res ISC
CBJU Chichi jima 1.27 267 P P 14 25 42.2 +1.2
CBJU 1.27 267 Pn Pb 14 25 30.9 -0.2
JCJ Chichijima 1.27 267 Pn Pb 14 25 44.3 -3.2
JHU Haha-jima-NKT 1.39 247 P S 14 25 33.9 +0.2
JHU Hanno 9.40 338 P Pn 14 27 22.5 -0.1
JHU JHU S S 14 29 07.4 -1.0
JRY Ryugasaki san 9.68 337 P Pn 14 27 28.0 +1.5
MJAR Matsushiro Arr 10.40 335 Pn Pn 14 27 37.0 +0.7
GUMO Guam 13.57 175 LR LR 14 33 31.1
KSRK Korea Array 16.74 312 Pn P 14 29 03.3 -0.6
KLR Kuldrud 23.85 341 P P 14 30 18.7 -1.7
SONM Songoing Array 35.54 315 P P 14 32 05.6 +1.2
CMAR Chiang Mai Arr 41.90 268 P P 14 32 58.8 +0.8
WRA Warrungarra Arr 47.69 192 P P 14 33 40.0 0.0
MKAR Makanchi Array 51.40 310 P P 14 34 13.3 +1.1
ASAR Alice Springs 51.41 191 P P 14 34 11.7 -0.6
ILAR Eileison Array 57.02 P P 14 34 52.1 -0.8
YKA Yellowknife Arr 71.47 29 P P 14 36 27.5 +0.1
FINES FINES Array B 78.43 334 P P 14 37 07.7 0.0
NVAR Mina Array Bea 79.47 52 P P 14 37 13.9 -0.3
AKASO Main Array Be 83.30 324 P P 14 37 33.8 -0.1
VRAC Vranco 90.43 338 LR LR 15 22 19.0

ISCJB 27 14:27:35.0, 0.8, 52.33N, 0.07, 164.68W, 0.09, h30km,
mb3.4/6, Error ellipse: s-maj=10.7km s-min=6.5km
az=25.2
IDD 27 14:27:37.9, 10.0, 52.51N, 163.57W, h0km, mb3.5/6,
mb1 3.7/7, mb1mx3.4/65, mbtmp3.4/7, ML2.9/1, Error
ellipse: s-maj=185.0km s-min=31.6km az=78.0
NEIC 27 14:27:37.0, 52.42N, 164.83W, h26km, ML3.1(AEIC), After
AEIC
ISC 27 14:27:36.4, 1.1, 52.36N, 0.09, 164.77W, 0.07, h30km, n26,
<058523, mb3.4/6, South of Alaska
Code Station Name Az Az' Phase ID Time Res ISC
UNV Unalaska Valle 1.82 326 Op Pn 14 28 05.6 +1.0
UNV S S 14 28 27.4 -0.2
AHB Akutan Harbor 1.87 341 P Pn 14 28 05.6 +0.2
ZRO Akutan Zero 1.88 338 P Pn 14 28 06.8 +0.3
MGOD Makushin Gods 1.92 319 P Pn 14 28 07.2 +0.1
MSOH Makushin Julie 1.96 319 P Pn 14 28 07.6 +0.2
MSW Makushin Swite 1.97 323 S S 14 28 12.0 +0.1
MTBL Makushin Table 1.98 325 P S 14 28 08.3 +0.3
WESP Westhad Pt 2.13 1 S S 14 28 10.5 +0.4
WESP S S 14 28 36.3 +0.7
OKTU Okmok Mt. Tuli 2.23 299 P Pn 14 28 12.3 +0.8
OKSO Okoko South 2.29 297 P Pn 14 28 12.3 +0.1
SSLN Shishaldin Nor 2.50 10 P Pn 14 28 15.4 +0.4
NIKH Nikolski High 2.56 285 P Pn 14 28 15.8 0.0
FALS False Pass 2.63 17 P Pn 14 28 17.1 +0.4
ILAR Eileison Array 15.46 30 Pn Pn 14 31 09.8 -2.3
INK Inuvik 21.84 31 P P 14 32 24.6 -1.4
YKA Yellowknife Arr 28.11 49 P P 14 33 25.8 +0.6
NVAR Mina Array Bea 34.84 95 P P 14 34 23.5 -1.4
PDAR Piedale Array 37.62 82 P P 14 34 48.5 -0.1
H1N2 WAKE ISLAND Hy 39.33 225 T T 15 18 32.3
H1N3 WAKE ISLAND Hy 39.33 225 T T 15 18 36.3
H1N1 WAKE ISLAND Hy 39.35 225 T T 15 18 32.9
H1S1 WAKE ISLAND Hy 40.49 224 T T 15 20 02.9
H1S2 WAKE ISLAND Hy 40.51 224 T T 15 20 02.3
H1S3 WAKE ISLAND Hy 40.51 224 T T 15 20 02.9
TXAR Lajitas Array 49.92 93 P P 14 36 28.1 +0.7
SCHO Schefferville 53.47 41 P P 14 36 55.0 +1.6

ISCJB 27 14:28:53.2, 0.6, 14.1S, 0.1, 72.65W, 0.07, h83km, mb3.9/6,
Error ellipse: s-maj=15.9km s-min=7.6km az=30.3
IDD 27 14:28:53.9, 2.3, 13.82S, 72.54W, h55km, 20km, mb3.8/8,
mb1 4.0/12, mb1mx3.8/42, mbtmp4.1/12, ML4.1/4, MS3.1/4,
MS1 3.1/4, ms1mx2.8/30, Error ellipse: s-maj=31.1km
s-min=14.4km az=22.0
ISC 27 14:28:55.6, 0.6, 14.0S, 0.1, 72.66W, 0.09, h83km, n21,
<116222, mb4.0/8, Central Peru
Code Station Name Az Az' Phase ID Time Res ISC
NNA Nana 4.54 296 P Op Pn 14 30 01.9 -0.1
NNA 1.1nm, 0.3s, baz=126, slow=1.4, SNR=15
LPAZ La Paz 4.93 118 P Pn 14 30 10.9 +3.1

ISCJB 27 14:28:53.2, 0.6, 14.1S, 0.1, 72.65W, 0.07, h83km, mb3.9/6,
Error ellipse: s-maj=15.9km s-min=7.6km az=30.3
IDD 27 14:28:53.9, 2.3, 13.82S, 72.54W, h55km, 20km, mb3.8/8,
mb1 4.0/12, mb1mx3.8/42, mbtmp4.1/12, ML4.1/4, MS3.1/4,
MS1 3.1/4, ms1mx2.8/30, Error ellipse: s-maj=31.1km
s-min=14.4km az=22.0
ISC 27 14:28:55.6, 0.6, 14.0S, 0.1, 72.66W, 0.09, h83km, n21,
<116222, mb4.0/8, Central Peru
Code Station Name Az Az' Phase ID Time Res ISC
NNA Nana 4.54 296 P Op Pn 14 30 01.9 -0.1
NNA 1.1nm, 0.3s, baz=126, slow=1.4, SNR=15
LPAZ La Paz 4.93 118 P Pn 14 30 10.9 +3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UNV, UNV, AHB, ZRO, MGOD, MSOH, MSW, MTBL, WESP, OKTU, OKSO, SSLN, NIKH, FALS, ILAR, INK, YKA, NVAR, PDAR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, SCHO.

1668

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, LPZA, LVC, LVC, LVC, LVC, SIV, PTGA, CPUP, CPUP, SDV, TXAR, ULM, ULM, NVAR, TORD, RAR, YKA, ESDC, INK, ASAR, ZALV, WRA, MKAR, MKAR, SONM, KSRK, KSRK.

ISCJB 27 14:31:45.3, 0.8, 37.21N, 0.05, 37.19E, 0.04, h0km, Error
ellipse: s-maj=7.6km s-min=5.5km az=174.6
DDA 27 14:31:45.8, 37.28N, 37.16E, h3km, MD2.6
ISK 27 14:31:45.6, 37.25N, 37.14E, h1km, MD2.5
CSEM 27 14:31:46.2, 0.6, 37.28N, 37.19E, h1km, MD2.6, Error
ellipse: s-maj=13.3km s-min=12.1km az=152.0, Mining
explosion.
ISC 27 14:31:45.9, 1.3, 37.25N, 0.04, 37.18E, 0.03, h0km, n15,
<055523, Turkey
Code Station Name Az Az' Phase ID Time Res ISC
HCB Kahramanmara 0.24 294 Op Pn 14 31 50.3 -0.2
HCB S S 14 31 54.5 +1.0
GZT Gaziantep 0.32 71 P P 14 31 51.8 -0.3
KMRS Kahramanmara 0.34 319 eP Pn 14 31 57.7 +7.2
KMRS Kahramanmara 0.34 319 eP Pn 14 31 52.2 -0.2
KMRS Kahramanmara 0.34 319 eP Pn 14 31 57.8 +0.9
KMRS Kahramanmara 0.34 319 eP Pn 14 31 52.2 -0.2
KAMA Osmaniye 0.42 262 P P 14 31 54.2 +0.4
KAMA S S 14 31 59.3 +0.1
ANDN Andirin 0.74 297 P Pn 14 32 01.1 -0.7
ANDN Andirin 0.74 297 i P Pb 14 32 01.7 -0.7
ANDN Andirin 0.74 297 i P Pb 14 32 01.4 +0.6
TAHT Tahtakopr-Hat 1.18 223 eP Pn 14 32 08.3 -0.2
TAHT Tahtakopr-Hat 1.18 223 eP Pn 14 32 08.3 -0.2
AKCD Akcadag 1.20 29 P S Sb 14 32 25.9 +0.2
AKCD Akcadag 1.20 29 i P Sb 14 32 25.9 +0.2
AKCD Akcadag 1.20 29 i P Sb 14 32 25.9 +0.2
URFA Urfa 1.32 81 eP Pn 14 32 11.3 +0.1
URFA Urfa 1.32 81 eP Pn 14 32 11.3 +0.1
DARE Darendale-Malaty 1.34 10 eP Pn 14 32 10.9 -0.7
DARE Darendale-Malaty 1.34 10 eP Pn 14 32 10.9 -0.7

ISCJB 27 14:36:50.0, 1.3, 27.2N, 0.1, 143.7E, 0.3, h10km, mb3.4/5,
Error ellipse: s-maj=42.7km s-min=18.3km az=165.2
IDD 27 14:36:50.3, 1.4, 27.09N, 143.75E, h0km, mb3.4/5,
mb1 3.7/6, mb1mx3.5/55, mbtmp3.4/6, ML3.7/1, Error
ellipse: s-maj=41.6km s-min=26.7km az=76.0
ISC 27 14:36:51.9, 1.4, 27.2N, 0.1, 143.7E, 0.3, h10km, n7,
<133277, mb3.4/5, Bonin Islands region
Code Station Name Az Az' Phase ID Time Res ISC
MJAR Matsushiro Arr 10.46 335 Pn Pn 14 39 20.6 -1.5
MAT Matsushiro Arr 10.46 335 Pn Pn 14 39 20.9 -1.2
SONM Songoing Array 35.63 333 P P 14 43 51.6 +1.6
WRA Warrungarra Arr 47.70 192 P P 14 45 28.1 -0.8
MKAR Makanchi Array 51.50 310 P P 14 45 57.9 +0.1
BVAR Borovoye Array 58.93 317 P P 14 46 51.6 +0.3
YKA Yellowknife Arr 71.42 29 P P 14 48 12.5 +0.4
1.0nm, 0.6s, baz=239, slow=6.2, SNR=3.9

ISCJB 27 14:48:25.6, 0.9, 26.9N, 0.1, 143.3E, 0.3, h10km, mb3.6/5,
Error ellipse: s-maj=38.7km s-min=16.2km az=1.0
IDD 27 14:48:26.0, 1.0, 26.88N, 143.50E, h0km, mb3.6/5,
mb1 3.9/6, mb1mx3.4/46, mbtmp3.6/6, ML3.6/1, Error
ellipse: s-maj=59.4km s-min=26.0km az=109.0
ISC 27 14:48:27.5, 1.0, 26.9N, 0.1, 143.4E, 0.3, h10km, n6,
<058566, mb3.3/5, Bonin Islands region
Code Station Name Az Az' Phase ID Time Res ISC
MJAR Matsushiro Arr 10.61 337 Pn Pn 14 50 59.7 +0.1
WRA Warrungarra Arr 47.37 192 P P 14 57 02.2 +0.2
FITZ Fitzroy Crossi 47.93 203 P P 14 57 06.1 -0.2
ASAR Alice Springs 51.06 191 P P 14 57 30.0 0.0
YKA Yellowknife Arr 71.40 29 P P 14 59 49.3 -0.7
NVAR Mina Array Bea 79.78 52 P P 15 00 37.0 +0.6
0.2nm, 0.5s, baz=263, slow=3.6, SNR=2.4

ISCJB 27 14:50:10.9, 1.5, 53.63N, 160.47E, h0km, mb3.5/9,
mb1 3.9/10, mb1mx3.6/50, mbtmp3.6/10, ML3.9/1, Error
ellipse: s-maj=39.5km s-min=14.0km az=160.0
MOS 27 14:50:15.7, 1.2, 53.34N, 160.56E, h52km, mb3.9/6, Error
ellipse: s-maj=10.3km s-min=6.4km az=74.1
KRSC 27 14:50:15.4, 0.9, 53.41N, 160.52E, h48km, 11km, ML4.2
ISCJB 27 14:50:16.2, 0.5, 53.35N, 160.50E, 0.07, h55km, 5km,
mb3.5/9, Error ellipse: s-maj=8.2km s-min=3.1km az=34.8
ISC 27 14:50:16.7, 0.9, 53.37N, 160.49E, 0.05, h45km, 8km,
n7, <1825100, mb3.6/9, 1D, Near east coast of
Kamkatka Peninsula
Code Station Name Az Az' Phase ID Time Res ISC
SPN Mys Shipunski 0.39 226 eP Pn 14 50 26.2 -0.1
SPN S S 14 50 33.3 +0.3
SPN Mys Shipunski 0.39 226 Pn Pn 14 50 26.2 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN, SPN, SPN.

Table with columns: TVSB, Tvasanli, 1.90 73 ePn, Pn, 15 56 09.3 +0.7. Includes PGC 27 15:56:12.6-0.0, 59.98N-136.87W, h5km, ML2.3/8, 93km southeast of Haines Jct., Yt Southeastern Alaska, Southeastern Alaska.

DDA 27 15:58:11.9, 37.95N-29.07E, h7km, Md2.7
CSEM 27 15:58:11.9, 37.88N-29.06E, h2km, MD2.7, Error ellipse: s-maj=8.2km s-min=6.2km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DENT, DENIZI, UZP, KARAHALLI, KHAL, KULA, GOLHISAR, Zeytinkoy-Aydi, TASOLUK, YERKESIK, FETHIYE, SHUT, TVSB.

WEL 27 15:58:38.5-0.3, 36.26S-178.77E, h168km, 5km, ML3.6/3, Error ellipse: s-maj=5.2km s-min=4.8km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ, HAZ, PKGZ, PUZ, TWGZ, CNGZ, MWZ, URZ, RIGZ, KNZ.

DDA 27 15:59:49.4, 37.92N-29.04E, h7km, Md2.6
CSEM 27 15:59:49.9, 37.89N-29.05E, h2km, MD2.3, Error ellipse: s-maj=6.9km s-min=5.6km az=97.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DENT, DENIZI, KARAHALLI, KHAL, KULA, GOLHISAR, Zeytinkoy-Aydi, TASOLUK, DEMIRCI, TVSB.

DDA 27 16:02:06.0, 37.94N-29.08E, h9km, Md2.6
ISK 27 16:02:05.0, 37.90N-29.12E, h3km, MD2.5
ISCJB 27 16:02:06.1-0.5, 37.91N-29.09E, h4km, 7km, Error ellipse: s-maj=6.3km s-min=4.3km az=9.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UZP, DENT, KARAHALLI, KHAL, KULA, GOLHISAR, Zeytinkoy-Aydi, TASOLUK, DEMIRCI, TVSB.

Table with columns: KULA, Kula-Manisa, 0.70 330 ePg, Pg, 16 02 19.5 -0.1. Includes stations like GOLHISAR, Zeytinkoy-Aydi, TASOLUK, YERKESIK, DEMIRCI, FETHIYE, SHUT, TVSB.

ISCJB 27 16:04:52.8-0.6, 6.93N-10.07E, 73.14W, h166km, mb3.1/2, Error ellipse: s-maj=12.7km s-min=6.3km az=39.9

ISC 27 16:04:53.0-1.7, 6.86N-73.12W, h160km, 10km, mb2.9/2, mb1.3/4.4, mb1mx3.0/28, mbtmp3.6/4, Error ellipse: s-maj=31.6km s-min=7.6km az=131.0

FUNV 27 16:04:54.0, 6.84N-73.15W, h169km, MW3.2
ISC 27 16:04:53.4-1.0, 6.89N-0.07E, 73.09W, h166km, n19, s=1500/23, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAPV, ROSC, SOCV, SDV, SDV, YKA, ASAR, WRA.

ISC 27 16:07:05.0-0.6, 35.82S-72.86W, h33km, 4km, ML4.1, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TALC, NICH, CHPI, PEL, WRA.

DDA 27 16:07:57.6, 40.84N-35.64E, h7km, Md2.7
CSEM 27 16:07:57.0-0.3, 40.86N-35.68E, h10km, MD2.7, Error ellipse: s-maj=8.7km s-min=5.3km az=123.0

ISC 27 16:07:57.7, 40.86N-35.66E, h14km, MD2.5
ISCJB 27 16:07:58.2-0.7, 40.87N-35.64E, h10.5, h2km, 8km, Error ellipse: s-maj=7.3km s-min=4.9km az=212.7

ISC 27 16:07:58.2-1.0, 40.86N-35.62E, h12.7km, 9km, n17, 0570/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAVZ, HAVZ, KVT, COAL, COAL, BOYT, BOYT, DIKM, DIKM, CORM, CORM, ILGA, ILGA, CUSAR.

ISC 27 16:09:50.9-2.1, 4.56N-125.18E, h0km, mb3.3/3, mb1.3/5.3, mb1mx3.3/36, mbtmp3.3/3, Error ellipse: s-maj=205.3km s-min=25.6km az=64.0, Talaud Islands

WRA Warramunga Arr 25.96 160 P Pg 16 15 25.5 +0.2
ASAR Alice Springs 29.31 163 P Pg 16 15 55.2 -0.2

ISC 27 16:17:35.0-0.9, 37.76N-29.13E, h10km, MD2.3, Error ellipse: s-maj=21.6km s-min=10.1km az=145.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, CSEM, DENT, DENIZI, KARAHALLI, KHAL, KULA, GOLHISAR, Zeytinkoy-Aydi, TASOLUK, DEMIRCI, TVSB.

Table with columns: KULA, Kula-Manisa, 0.87 332 ePg, Pg, 16 17 51.5 -0.3. Includes stations like Zeytinkoy-Aydi, TASOLUK, YERKESIK, DEMIRCI, FETHIYE, SHUT, TVSB.

ISC 27 16:18:28.9-1.0, 2.36S-81.66W, h0km, mb3.7/5, mb1.3/9.7, mb1mx3.6/30, mbtmp3.7/7, ML3.8/2, MS4.3/1, Ms1 4/2.1, ms1mx3.0/34, Error ellipse: s-maj=57.9km s-min=20.7km az=63.0

IGQ 27 16:18:35.0-0.5, 1.90S-80.22W, h6km, 134km, Mb4.4, Error ellipse: s-maj=5.1km s-min=2.5km az=18.1

ISCJB 27 16:18:36.8-0.6, 1.96S-0.04E, h0.39W, 0.3, h43km, mb3.6/6, MS4.3/1, Error ellipse: s-maj=6.2km s-min=4.6km az=11.5

ISC 27 16:18:36.7-0.8, 1.90S-0.05E, h0.37W, 0.04, h43km, n61, s=164/55, mb3.5/6, 3C-12D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHIS, ISPT, ISPT, PECV, JAMA, IGUA, MAGI, BIL2, BIL2, BMAS, BBIL, ARRY, JU6, JU6, PAT1, RETU, BPAT, RPAT, RUNS, ULBA, BULB, BRUN, BRUN, CAMI, BMOR, BMOR, MOV1, MOV1, NASZ, NASZ, BVCC, BTAM, BTAM, YCB, YCB, PITA, PITA, JUA2, TERV, GGP, PANO, YANA, ANTI, COTA, CAYA, CHT, CONE, ECEN, ATAH, ATAH.

ATAH 2.4nm, 0.3s, baz=4.8, slow=8.8, SNR=7.3 Sn 16 21 03.8 +3.7

LPAZ 4.4nm, 0.3s, baz=41, slow=20, SNR=3.0 Pn 16 22 53.7 +0.8

NVM 0.2nm, 0.3s, baz=334, slow=8.3, SNR=5.9 P 16 27 51.3 +0.1

ILAR 0.3nm, 0.5s, baz=142, slow=6.3, SNR=7.7 P 16 30 50.5 -0.9

TORD 0.1nm, 0.3s, baz=264, slow=7.7, SNR=2.2 P 16 31 44.7 -4.9

VNDA 0.5nm, 0.4s, baz=117, slow=3.2, SNR=13.1 P 16 31 52.0 +6.0

ASAR 0.3nm, 0.5s, baz=108, slow=3.0, SNR=8.3 PKPpdf 16 37 54.3 -3.6

WRA 0.5nm, 0.9s, baz=105, slow=1.5, SNR=6.4 PKP 16 37 51.5

ISCJB 27 16:20:44.8-1.0, 2.73N-0.1x143.4E-0.1, h10km, mb3.5/5, Error ellipse: s-maj=17.4km s-min=12.2km az=152.8

ISC 27 16:20:45.4-1.3, 2.72N-143.53E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.5/32, mbtmp3.5/6, ML3.4/1, Error ellipse: s-maj=30.6km s-min=23.7km az=99.0

ISC 27 16:20:46.8-1.2, 2.73N-0.1x143.4E-0.1, h10km, n7, 05917, mb3.4/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ, JCJ, MJAR, SONGIO, SONGIO, ASAR, ILAR, FINES.

ISC 27 16:28:03.1-0.1, 2.9S-100.23E, h0.08, h76km, 9km, n11, 01916/15, mb3.5/4, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDSI, PDSI, PPI, PPI, SDSA, SDSA, PPSI, PPSI, BKNI, BKNI, GSI, CMAR, WRA, ASAR, SONMI, MKAR.

27d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Beaver Creek A, Klutina, Jack Peak, Dawson, etc.

IDC 27 17:00:23.9:5.4, 51.07N:158.81E, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.6/55, mbmtpp.3/77, ML2.91, MS3.4/2, Ms1 3.4/2, ms1mx2.8/53, Error ellipse: s-maj=108.6km s-min=28.8km az=52.0

MOS 27 17:00:23.4:0.8, 50.76N:158.00E, h42km, mb4.0/3, Error ellipse: s-maj=26.8km s-min=5.7km az=82.2

KRSC 27 17:00:24.6:1.4, 50.95N:158.12E, h49km, 19km, ML4.4

ISCJB 27 17:00:25.5:1.0, 50.90N:158.07E, h1.1, h50km, 12km, mb3.7/6, MS4.1/1, Error ellipse: s-maj=17.2km s-min=7.1km az=34.0

ISC 27 17:00:25.5:1.3, 50.88N:158.03E, h36km, 3km, n55.8129/64, mb3.7/6, East of Kuril Islands

Main table for 27d 17h section, listing station codes (SKR, SKR, SKR, etc.), station names (Severo-Kuril's, Severo-Kuril's, etc.), and various parameters like Az, Az', Phase ID, Time, Res.

BUI 27 17:02:18.4, 39.54N:119.28E, h9km, ML3.5/12, Ms3.4/2, Ms7 3.2/2, 1D, Northeastern China

Table for BUI 27 17:02:18.4, listing station codes (DL2, DL2, DL2, etc.), station names (Dalian, Dalian, etc.), and parameters.

2010 DEC

Table for 2010 DEC section, listing station codes (BJI, BJI, TIA, etc.), station names (comp=N,300nm,0.6s, etc.), and parameters.

IDC 27 17:02:30.6:0.5, 50.76S:139.16E, h0km, mb4.7/14, mb1 4.8/15, mb1mx4.7/31, mbmtpp.4/715, ML4.6/1, MS5.0/22, Ms1 5.0/22, ms1mx5.0/25, Error ellipse: s-maj=22.7km s-min=13.6km az=88.0

BUI 27 17:02:31.4, 50.80S:139.40E, h10km, mb5.1/31, mb5.6/31, MS5.3/32, Ms7 5.0/30

ISCJB 27 17:02:31.8:0.2, 50.75S:139.40E, h11km, mb5.1/41, MS5.2/146, Error ellipse: s-maj=5.9km s-min=5.1km az=21.7

MOS 27 17:02:32.2:1.1, 50.65S:139.36E, h10km, mb4.8/19, MS5.0/17, Error ellipse: s-maj=23.4km s-min=8.6km az=88.4

GCMT 27 17:02:32.9:0.1, 50.71S:139.50E, h12km, MW5.6/113, Moment Tensor Solution. s86,c154; s113,c279; Duration: 1:5 Moment tensor: Scale 10^11N; Mn:-0.29±.03; Mw:0.39±.03; Mo:0.09±.03; Mo:0.70±.09; Mv:-2.64±.03; Mv:0.39±.08; Best double couple: M2:78100x10^17 NP1:176.000000, 881.000000, -164.000000; NP2:176.000000, 874.000000, -9.000000; Principal axes: T: 2.8190, P1:5.0000; Azm:42.0000; N:-0.0760, P1:7.0000; Azm2:96.0000; P: 2.7490, P1:7.0000; Azm1:133.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 27 17:02:32.9:0.3, 50.81S:139.38E, h10km, mb5.5/32, MS5.3/129, Error ellipse: s-maj=8.8km s-min=7.6km az=76.0

AUST 27 17:02:38.5:2.2, 50.50S:139.30E, h39km, Error ellipse: s-maj=2.2km s-min=2.0km az=323.0

BGR 27 17:02:40.1, 50.30S:138.99E, h10km, mb5.2, Ms5.3

ISC 27 17:02:31.3:0.3, 50.83S:139.46E, h11km, n448, n190/327, ms5.3/47, MS5.3/146, 13C-5D, Western Indian-Antarctic Ridge

Main table for 2010 DEC section, listing station codes (Code, Station Name, Az, Az', Phase ID, Time, Res). Includes stations like TASmania Unive, MOO Moorlands, TOO Toolangi, etc.

1674

Main table for 1674 section, listing station codes (ASAR, ASAR, ASAR, etc.), station names (Alice Springs, Alice Springs, etc.), and parameters.

1677

Table with columns: PAB, MLR, MLR, comp-Z, 941nm, 20.0s, 152.38 260, ePKPbc, PKPbc, LR, 17 22 32.4 +3.8, etc.

ISCJB 27 17:06:54.0, 0.7, 26.77N, 0.08, 143.87E, 0.05, h10km, mb3.9/11, Error ellipse: s-maj=11.4km s-min=6.6km az=179.2

IDC 27 17:06:54.0, 1.0, 26.68N, 143.84E, h0km, mb3.8/10, mb1.4/0.12, mb1mx3.8/4.5, mbtmp3.8/12, ML3.5/2, Error ellipse: s-maj=25.9km s-min=21.9km az=47.0

JMA 27 17:06:55.5, 0.1, 27.18N, 143.78E, h6km, M3.6 Error ellipse: s-maj=15.2km s-min=10.9km az=63.0

ISC 27 17:06:55.8, 0.9, 26.77N, 0.1, 143.79E, 0.07, h10km, n23, 0.956/27, mb3.9/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Haha-jima-NKT, Chichi jima, etc.

IDC 27 17:08:13.6, 1.4, 19.36S, 167.87E, h0km, mb3.8/4, mb1.4/1.5, mb1mx3.8/3.1, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=49.8km s-min=23.2km az=135.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Mont Dumac, Warramunga Arr, etc.

IDC 27 17:18:12.4, 1.3, 10.13S, 125.06E, h0km, mb3.7/3, mb1.3/8.6, mb1mx3.5/8, mbtmp3.6/6, ML3.5/3, Error ellipse: s-maj=78.5km s-min=23.1km az=65.0

ISCJB 27 17:18:15.0, 0.6, 10.35S, 0.08, 124.9E, 0.1, h33km, mb3.7/3, Error ellipse: s-maj=18.0km s-min=6.4km az=146.9

AUST 27 17:18:16.2, 10.50S, 124.52E, h20km ISC 27 17:18:16.2, 0.8, 10.23S, 0.09, 125.0E, 0.1, h35km, n11, 0.1552/12, mb3.9/3, Timor Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Soe, Maumere, Manton Dam, etc.

ISCJB 27 17:20:52.7, 0.6, 37.91N, 0.04, 27.39E, 0.04, h7km, 7km, Error ellipse: s-maj=6.0km s-min=5.9km az=157.7

DDA 27 17:20:52.9, 37.87N, 27.38E, h7km, MD2.6 Error ellipse: s-maj=10.2km s-min=7.4km az=92.0

ISC 27 17:20:52.4, 1.0, 37.90N, 0.03, 27.40E, 0.03, h10km, 10km, n15, 0.951/24, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes station GCAM G?zelcami?

2010 DEC

Table with columns: GCAM, S, Sg, 0.24 214, i, P, 17 21 00.3 -0.4, etc.

JMA 27 17:23:25.7, 0.1, 22.91N, 120.53E, h5km, 2km, M3.5 TAP 27 17:23:27.3, 22.87N, 120.67E, h8km, ML3.6, B

ISCJB 27 17:23:28.5, 0.2, 22.86N, 0.01, 120.63E, 0.02, h19km, 2km, Error ellipse: s-maj=2.9km s-min=2.0km az=169.2

ISC 27 17:23:27.8, 0.8, 22.89N, 0.01, 120.61E, 0.02, h17km, 5km, n65, 0.998/127, 12C-30, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Sandimien, Shoushan, etc.

IDC 27 17:26:09.5, 3.5, 4.03N, 127.13E, h0km, mb3.3/3, mb1.3/3.3, mb1mx3.2/4.8, mbtmp3.3/3, Error ellipse: s-maj=323.2km s-min=27.9km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 27 17:27:59.3, 2.0, 6.23N, 123.34E, h634km, 25km, mb3.0/7, mb1.3/1.7, mb1mx2.6/5.0, mbtmp4.0/7, Error ellipse: s-maj=86.1km s-min=9.4km az=65.0, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Fitzroy Crossi, Warramunga Arr, etc.

IDC 27 17:39:33.4, 1.9, 19.28S, 167.94E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.9/3.2, mbtmp3.9/7, Error ellipse: s-maj=52.0km s-min=21.4km az=138.0

ISCJB 27 17:39:35.9, 1.1, 19.4S, 0.1, 167.9E, 0.2, h26km, mb3.8/6, Error ellipse: s-maj=32.6km s-min=10.9km az=24.3

ISC 27 17:39:36.9, 1.1, 19.55S, 0.2, 168.0E, 0.3, h26km, n9, 0.1514/10, mb3.7/6, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Mont Dumac, Warramunga Arr, etc.

27d 17h

Table with columns: WDGJ, 0.95 293, eP, Pg, 17 23 43.9 -2.4, etc.

IDC 27 17:26:09.5, 3.5, 4.03N, 127.13E, h0km, mb3.3/3, mb1.3/3.3, mb1mx3.2/4.8, mbtmp3.3/3, Error ellipse: s-maj=323.2km s-min=27.9km az=66.0, Talaud Islands

IDC 27 17:27:59.3, 2.0, 6.23N, 123.34E, h634km, 25km, mb3.0/7, mb1.3/1.7, mb1mx2.6/5.0, mbtmp4.0/7, Error ellipse: s-maj=86.1km s-min=9.4km az=65.0, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 27 17:39:33.4, 1.9, 19.28S, 167.94E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.9/3.2, mbtmp3.9/7, Error ellipse: s-maj=52.0km s-min=21.4km az=138.0

ISCJB 27 17:39:35.9, 1.1, 19.4S, 0.1, 167.9E, 0.2, h26km, mb3.8/6, Error ellipse: s-maj=32.6km s-min=10.9km az=24.3

ISC 27 17:39:36.9, 1.1, 19.55S, 0.2, 168.0E, 0.3, h26km, n9, 0.1514/10, mb3.7/6, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Mont Dumac, Warramunga Arr, etc.

IDC 27 17:39:33.4, 1.9, 19.28S, 167.94E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.9/3.2, mbtmp3.9/7, Error ellipse: s-maj=52.0km s-min=21.4km az=138.0

ISCJB 27 17:39:35.9, 1.1, 19.4S, 0.1, 167.9E, 0.2, h26km, mb3.8/6, Error ellipse: s-maj=32.6km s-min=10.9km az=24.3

ISC 27 17:39:36.9, 1.1, 19.55S, 0.2, 168.0E, 0.3, h26km, n9, 0.1514/10, mb3.7/6, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc. Includes stations like Mont Dumac, Warramunga Arr, etc.

KRSR	comp=Z,3.0nm,0.8s	MLR	MLR						
KSAR	comp=Z,2.09nm,18.1s	P	P						
KSAR	Wonju Array Be	68.05 326	P	P	19 51 12.8 +0.4				
KS01	Wonju Array Si	68.07 326	eP	P	19 51 12.1 -0.4				
GZH	Guangzhou	68.08 306	P	P	19 51 15.8 +2.9				
GZH			PP	PP	19 53 44.3 +0.8				
GZH			S	S	20 00 17.8 +6.6				
BKNI	comp=Z,1.1um,6.5s	68.47 278	eP	P	19 51 17.1 +1.5				
QIZ	Bangkinang	68.69 300	P	P	19 51 18.0 +1.2				
QIZ	Qidongzhong	68.69 300	S	S	20 00 22.8 +0.4				
QIZ			SS	SS	20 04 44.5 +0.6				
QIZ	comp=Z,2.21nm,2.4s		PMZ						
QIZ	comp=Z,490nm,9.1s		PMZ						
QIZ	comp=Z,360nm,13.7s		LZ						
QIZ	comp=Z,510nm,20.6s	68.69 300	LZ						
QIZ	Qidongzhong	68.69 300	PFAKE	LR	19 51 30.0 +1.3				
INCN	comp=Z,417nm,21.0s	68.74 326	PFAKE	LR	19 51 30.0 +1.3				
INCN	Inchon	68.74 326	LR						
YSS	comp=Z,421nm,19.0s	69.91 342	LR	LR	19 51 24.3 +0.6				
YSS	Yuzh-Sakhalins	69.91 342	eSP	sP	19 51 32.6 -2.5				
YSS			e	e	19 51 44.1				
YSS			eS	S	20 00 32.0 0.0				
YSS			e	e	20 01 09.0				
YSS	comp=Z,50nm,1.1s		pmax	pmax					
YSS	comp=Z,800nm,6.0s		pmax	pmax					
YSS	comp=N,600nm,19.0s		MLR	MLR					
YSS	comp=Z,700nm,19.0s		MLR	MLR					
YSS	Yuzh-Sakhalins	69.91 342	eP	P	19 51 23.0 -0.7				
YSS	comp=Z,60nm,1.1s		LR	LR					
IPM	comp=Z,460nm,19.0s	70.00 282	eP	P	19 51 24.3 -0.8				
VLA	ipoh	70.00 282	P	P	19 51 24.3 -0.8				
VLA	comp=Z,37nm,0.7s	70.57 333	iP	P	19 51 30.5 +2.6				
KULM	Vladivostok	70.56 283	eP	P	19 51 28.3 -0.8				
KULM	Kulim	70.56 283	P	P	19 51 28.3 -0.8				
KULM	comp=Z,20nm,0.9s		LR	LR					
PSI	comp=Z,1.1um,22.0s	71.33 280	eP	P	19 51 31.4 -1.9				
PSI	Prapat	71.33 280	pmax	pmax					
PSI	comp=Z,36nm,0.9s	71.33 280	P	P	19 51 31.9 -1.4				
PSI	Prapat	71.33 280	P	P	19 51 31.4 -1.9				
PSI	Prapat	71.33 280	eP	P	19 51 33.4 +0.5				
USRK	comp=Z,19nm,0.7s, baz=128,slow=4.5,SNR=21	71.40 333	P	P	20 22 02.7				
USRK	Ussuriysk Ar.	71.40 333	P	P	19 51 33.4 +0.5				
USRK	comp=Z,139nm,19.7s, baz=131,slow=35	71.65 313	P	P	19 51 34.5 -0.2				
USRK	Wuhan	71.65 313	P	S	20 00 57.5 +4.7				
WHN	comp=Z,1.1um,16.9s		LN	LN					
WHN	Wuhan	71.65 313	LN	LN					
WHN	comp=Z,510nm,8.1s		LE	LE					
WHN	Wuhan	71.65 313	LZ	LZ					
GSI	comp=Z,900nm,17.1s	72.05 278	eP	P	19 51 36.2 -1.3				
GSI	Gunungsitoli	72.05 278	P	P	19 51 36.2 -1.3				
DL2	Dalian	72.50 324	P	P	19 51 32.8 -6.8				
DL2	Dalian	72.50 324	S	S	20 00 50.3 -1.2				
DL2	comp=Z,470nm,7.0s		pmax	pmax					
DL2	comp=Z,230nm,20.6s		LR	LR					
SKNT	Sakolnakkorn	72.59 296	P	P	19 51 42.1 +1.5				
MDJ	Mudanjiang	72.77 332	P	P	19 51 41.0 -0.1				
MDJ	comp=Z,35nm,0.7s		sP	sP	19 51 46.3 -6.1				
MDJ	comp=Z,2.21nm,1.5s		S	S	20 01 09.3 -4.1				
MDJ	comp=Z,570nm,7.2s		PMZ	PMZ	20 01 14.0 -4.8				
MDJ	comp=Z,340nm,27.0s		LN	LN					
MDJ	comp=Z,230nm,27.0s		LE	LE					
MDJ	comp=Z,250nm,30.1s		LZ	LZ					
MDJ	Mudanjiang	72.77 332	eP	P	19 51 41.1 -0.1				
MDJ	comp=Z,29nm,1.0s		LR	LR					
PEAO	Petropavlovsk-	72.80 354	eP	P	19 51 40.8 -0.3				
PETK	Petropavlovsk-	72.80 354	P	P	19 51 41.2 +0.1				
PETK	comp=Z,14nm,0.6s, baz=149,slow=9.5,SNR=10		LR	LR	20 20 11.4				
PETK	Petropavlovsk-	72.80 354	P	P	19 51 41.2 +0.1				
PETK	Petropavlovsk-	72.80 354	pmax	pmax					
PETK	comp=Z,14nm,0.6s		MLR	MLR					
ATKA	comp=Z,373nm,19.8s	73.01 11	eP	P	19 51 41.2 -1.2				
ATKA	Atka Island	73.01 11	P	P	19 51 41.2 -1.2				
TIA	comp=Z,57nm,0.7s	73.34 319	eP	P	19 51 43.8 -0.9				
TIA	Tai'an	73.34 319	PMZ	PMZ					
TIA	comp=Z,20nm,1.6s		PMZ	PMZ					
TIA	comp=Z,790nm,7.7s		LN	LN					
TIA	comp=Z,560nm,19.6s		LN	LN					
TIA	comp=Z,290nm,15.0s		LE	LE					
TIA	comp=Z,620nm,21.0s		LZ	LZ					
TYV	Tymovskoe	73.48 344	eP	pmax	19 51 46.0 +0.9				
TYV	comp=E,11nm,0.8s		pmax	pmax					
SNY	Shenyang	73.53 327	LR	LR	19 51 48.0 +2.4				
SNY	Shenyang	73.53 327	PMZ	PMZ					
CN2	comp=Z,31nm,2.2s	74.05 329	eP	P	19 51 48.8 +0.2				
CN2	Changchun	74.05 329	eP	S	19 51 53.3 -3.7				
CN2	comp=Z,20nm,1.0s		PMZ	PMZ	20 01 17.8 -1.9				
CN2	comp=Z,200nm,6.0s		LN	LN					
CN2	comp=Z,500nm,18.0s		LE	LE					
CN2	comp=Z,300nm,18.0s		LZ	LZ					
NIKH	comp=Z,300nm,18.0s	74.86 14	eP	P	19 51 51.2 -1.9				
NIKH	Nikolski High	74.86 14	P	P	19 51 51.2 -1.9				
ENH	comp=Z,140nm,0.7s	74.92 310	PFAKE	LR	19 52 10.0 +1.6				
ENH	Enshi	74.92 310	LR	LR					
PNKT	comp=Z,271nm,21.0s	74.99 294	P	P	19 51 57.1 +2.4				
PNKT	Sadao Pong	74.99 294	P	P	19 51 57.1 +2.4				
GYA	comp=Z,19nm,0.8s, comp=Z,1.1um	75.00 305	LR	LR	19 51 56.0 +1.2				
GYA	Guiyang	75.00 305	PP	PP	19 54 44.5 +1.5				
GYA	comp=Z,19nm,0.8s, comp=Z,1.1um		S	S	20 01 31.0 -0.4				
GYA	Guiyang	75.00 305	SS	SS	20 01 58.8 -3.7				
GYA	comp=Z,40nm,1.0s		PMZ	PMZ	20 06 22.8 +2.0				
GYA	comp=Z,160nm,7.8s		LN	LN					
GYA	comp=Z,640nm,19.8s		LE	LE					
GYA	comp=Z,570nm,19.4s		LZ	LZ					

KLR	comp=Z,600nm,19.6s	75.59 336	P	P	19 51 58.3 +0.8				
KLR	Kul'dur	75.59 336	LR	LR	20 25 36.5				
KLR	comp=Z,317nm,18.6s,slow=36	75.59 336	P	P	19 51 58.3 +0.8				
KLR	Kul'dur	75.59 336	pmax	pmax					
KLR	comp=Z,16nm,0.8s		MLR	MLR					
NKL	comp=Z,317nm,18.6s	76.08 343	eP	P	19 52 00.5 +0.4				
NKL	Nikolayevsk	76.08 343	pmax	pmax					
NKL	comp=Z,43nm,1.0s		PMZ	PMZ					
NANT	comp=Z,4.8nm,0.7s, comp=Z,66nm	76.20 296	P	P	19 52 03.0 +1.4				
NANT	Nan	76.20 296	P	P	19 52 03.0 +1.4				
BJT	Baijiatau	76.37 322	eP	P	19 52 02.5 +0.3				
BJT	Baijiatau	76.37 322	pmax	pmax					
BJT	comp=Z,11nm,0.7s		MLR	MLR					
BJT	Baijiatau	76.37 322	eP	P	19 52 02.5 +0.3				
BJT	Baijiatau	76.37 322	MLR	MLR					
BJT	comp=Z,11nm,0.7s		LR	LR					
BJT	Baijiatau	76.37 322	LR	LR					
BJI	Beijing	76.38 322	P	P	19 52 02.0 -0.2				
BJI	Beijing	76.38 322	PP	PP	19 54 52.3 -2.0				
BJI	Beijing	76.38 322	SS	SS	20 01 48.8 +3.0				
BJI	Beijing	76.38 322	SS	SS	20 06 44.3 +3.3				
BJI	comp=Z,24nm,1.3s		PMZ	PMZ					
BJI	comp=Z,1.1um,6.9s		LN	LN					
BJI	comp=Z,630nm,17.3s		LE	LE					
LAMP	comp=Z,570nm,18.6s	76.98 295	P	P	19 52 08.4 +2.3				
LAMP	Lampang	76.98 295	P	P	19 52 08.4 +2.3				
CRAI	comp=Z,8.5nm,1.0s, comp=Z,78nm	77.10 297	P	P	19 51 59.5 -7.2				
CRAI	Chiangrai	77.10 297	P	P	19 52 09.3 +2.1				
TIY	Taiyuan	77.22 318	eP	S	20 02 03.5 +5.4				
TIY	Taiyuan	77.22 318	PMZ	PMZ					
TIY	comp=Z,550nm,7.0s		LN	LN					
TIY	comp=Z,380nm,13.8s		LE	LE					
TIY	comp=Z,400nm,13.3s		LZ	LZ					
XAN	comp=Z,440nm,21.2s	77.41 313	P	P	19 52 08.8 +0.6				
XAN	Xi'an	77.41 313	pP	pP	19 52 15.5 -1.0				
XAN	Xi'an	77.41 313	S	S	20 01 58.5 +1.1				
XAN	Xi'an	77.41 313	SS	SS	20 06 58.5 +1.6				
XAN	Xi'an	77.41 313	PMZ	PMZ					
XAN	comp=Z,9.0nm,1.0s		PMZ	PMZ					
XAN	comp=Z,470nm,7.9s		LN	LN					
XAN	comp=Z,460nm,20.4s		LE	LE					
XAN	comp=Z,250nm,20.4s		LZ	LZ					
XAN	comp=Z,390nm,20.4s		LZ	LZ					
KMI	Kunming	77.41 302	P	P	19 52 09.8 +1.2				
KMI	Kunming	77.41 302	pP	pP	19 52 14.0 -3.0				
KMI	Kunming	77.41 302	PP	PP	19 55 07.0 +3.5				
KMI	Kunming	77.41 302	S	S	20 02 03.5 +5.4				
KMI	Kunming	77.41 302	SS	SS	20 02 11.8 -0.1				
KMI	comp=Z,19nm,0.9s		PMZ	PMZ					
KMI	comp=Z,530nm,7.3s		LN	LN					
KMI	comp=Z,240nm,19.5s		LE	LE					
KMI	comp=Z,230nm,16.6s		LZ	LZ					
KMI	comp=Z,360nm,19.9s		LZ	LZ					
CM01	Chiang Mai Arr	77.52 295	eP	P	19 52 09.3 +0.3				
CMAR	Chiang Mai Arr	77.55 295	eP	P	19 52 09.7 +0.5				
CMAR	comp=Z,5.4nm,0.8s, baz=132,slow=4.5,SNR=40		PKKPbc	PKKPbc	20 11 11.8 -1.4				
CMMT	Chiang Mai	77.69 295	P	P	19 52 11.0 +0.9				
CHTO	Chiang Mai	77.70 295	P	P	19 52 11.1 +1.0				

27d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Cottonwood Cre, Pinyon Flat Ob, etc.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Wild Horse Val, Wild Horse Val, etc.

1682

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Preston Nutter, Urumci, etc.

HOPE	baz=256	Hope Point	103.61 166	PFAKE	LR	19 54 30.0	+16
HOPE	comp=Z,828nm,19.0s						
CBKS	comp=Z,795nm,19.0s	Cedar Bluff	103.61 53	PFAKE	LR	19 54 30.0	+16
KURK	comp=Z,1.0nm,0.8s	Kurchatov	104.43 319	P	Pdif	19 54 18.4	+0.8
KURK						19 58 35.1	
KURB	comp=Z,1.4nm,0.8s,ba=103,slow=7.0,SNR=8.1	Kurchatov Arra	104.47 319	Pdif	Pdip	19 54 18.4	+0.8
KURB	comp=Z,2.0nm,0.3s,ba=94,slow=5.0,SNR=3.5					19 58 35.0	+1.3
TKM2	comp=Z,2.91nm,19.0s	Tokmak 2	104.71 311	PFAKE	LR	19 54 30.0	+11
AAK	comp=Z,302nm,19.0s	Ala-Archa	105.44 310	PFAKE	LR	19 58 50.0	
AAK							
LOCO	comp=Z,335nm,20.0s	Las Campanas	105.63 129	PFAKE	LR	19 58 50.0	
FFC	comp=Z,592nm,19.0s	Flin Flon	105.64 37	PFAKE	LR	19 58 50.0	
FFC							
EKS2	comp=Z,306nm,22.0s	Erkin-Say	105.96 310	PFAKE	LR	19 58 50.0	
EKS2							
TRQA	comp=Z,423nm,19.0s	Torquinst	106.00 141	PFAKE	LR	19 58 50.0	
NATX	comp=Z,2.0nm,0.7s,ba=91,slow=5.9,SNR=4.7	Nacogdoches	106.00 62	PFAKE	LR	19 58 50.0	
NATX							
MIAR	comp=Z,2.0nm,0.8s,ba=106,slow=7.4,SNR=2.8	Mout Ida	107.50 59	PFAKE	LR	19 58 50.0	
MIAR							
NNA	comp=Z,258nm,19.0s	Nana	108.90 111	PFAKE	LR	19 59 00.0	
NNA							
JTS	comp=Z,488nm,20.0s	JuntasAbangare	109.31 86	PFAKE	LR	19 59 00.0	
JTS							
MSEY	comp=Z,764nm,21.0s	Mahe Island	109.50 258	PFAKE	LR	19 59 00.0	
MSEY							
BVAR	comp=Z,0.6nm,0.7s,ba=91,slow=5.9,SNR=4.7	Borovoye Array	109.85 320	Pdif	Pdif	19 54 43.2	+1.6
BVAR	comp=Z,1.3nm,0.8s,ba=48,slow=2.2,SNR=5.4					19 58 42.8	-1.0
BRVK	comp=Z,1.1nm,0.6s,ba=56,slow=1.5,SNR=5.2	Borovoye	109.91 320	PFAKE	LR	19 59 00.0	
BRVK							
LVC	comp=Z,397nm,19.0s	Limon Verde	110.44 124	PFAKE	LR	19 59 00.0	
LVC							
ABPO	comp=Z,213nm,19.0s	Ambonhianom	110.48 240	PFAKE	LR	19 59 00.0	
ABPO							
JFWS	comp=Z,439nm,22.0s	Jewell Farm	111.44 51	PFAKE	LR	19 59 00.0	
JFWS							
ARU	comp=Z,906nm,20.0s	Arti	116.73 324	iPKIP	PKPpdf	19 58 57.8	+1.0
ARU						20 00 04.4	
ARU						20 05 47.5	
ARU						20 09 44.5	+0.2
ARU						20 09 52.0	-0.2
ARU						19 59 10.0	+13
GEYT	comp=Z,285nm,19.0s	Alibeck	117.17 303	PKP	PKPpdf	19 58 57.2	-1.0
AKTO	comp=Z,1.5nm,0.7s,ba=215,slow=1.8,SNR=7.4	Aktubinsk	117.45 317	PKP	PKPpdf	19 58 57.8	-0.6
AKTO	comp=Z,1.8nm,0.8s,ba=59,slow=3.5,SNR=7.5					19 58 57.8	-0.6
AKTO							
KBS	comp=Z,2.0nm,0.8s	Kingsbay	119.44 355	PFAKE	LR	19 59 10.0	+8.6
KBS							
SUR	comp=Z,364nm,19.0s	Sutherland	119.66 212	PFAKE	LR	19 59 20.0	+16
SUR							
BOSA	comp=Z,639nm,20.0s	Boshof	120.19 218	PKP	PKPpdf	19 59 04.2	-0.3
BOSA	comp=Z,2.4nm,0.8s,ba=106,slow=7.4,SNR=2.8					19 59 04.3	-0.3
BOSA							
SAML	comp=Z,2.0nm,0.8s	Samuel	122.20 114	ePKPpdf	LR	19 59 06.9	-1.7
SAML							
SDV	comp=Z,400nm,20.0s	Santo Domingo	122.40 92	ePKPpdf	LR	19 59 09.5	+0.3
SDV							
NCB	comp=Z,243nm,20.0s	Newcomb	123.11 50	PFAKE	LR	19 59 20.0	+11
NCB							
LVZ	comp=Z,3um,21.0s	Lovozero	123.48 341	PFAKE	LR	19 59 20.0	+10
LVZ							
SDDR	comp=Z,413nm,20.0s	Presa de Saban	124.25 80	PFAKE	LR	19 59 20.0	+7.6
SDDR							
ARCES	comp=Z,696nm,22.0s	ARCESS Array B	124.97 345	PKP	PKPpdf	19 59 11.2	-1.1
ARCES	comp=Z,5.2nm,0.7s,ba=48,slow=1.1,SNR=9.0					19 59 11.2	-1.1
ARCES							
SPB	comp=Z,5.0nm,0.7s	Sao Paulo	124.99 139	PFAKE	LR	19 59 30.0	+16
SPB							
KLMR	comp=Z,289nm,19.0s	Klimovskoe	125.18 332	ePKIP	PKPpdf	19 59 10.7	-2.2
KLMR							
PKME	comp=Z,36nm,1.4s	Peaks-Kenny Pk	126.45 48	PFAKE	LR	19 59 30.0	+14
PKME							
RAYN	comp=Z,3um,19.0s	Ar Rayn	126.66 285	ePKPpdf	LR	19 59 16.8	-0.1
RAYN							
VRH	comp=Z,434nm,22.0s	Novokhoporsky	127.50 320	ePKIP	PKPpdf	19 59 16.9	-0.7
VRH							
VRH	comp=Z,1.0nm,0.8s						
VRH	comp=N,8.0nm,0.6s						
LSZ	comp=E,20nm,1.7s	Lusaka	127.54 232	PFAKE	LR	19 59 30.0	+11
LSZ							
GNI	comp=Z,590nm,19.0s	Garni	127.55 306	iPKIP	PKPpdf	19 59 20.0	+1.7
GNI						19 59 30.0	+12
GNI							
KMBO	comp=Z,336nm,20.0s	Kilima Mbogo	127.56 253	PKP	PKPpdf	19 59 18.9	-0.3
KMBO	comp=Z,1.3nm,0.7s,ba=50,slow=7.4,SNR=5.4					19 59 18.9	-0.3
KMBO							
KMBO	comp=Z,2.0nm,0.9s	Kilima Mbogo	127.56 253	PKP	PKPpdf	19 59 18.9	-0.3
KMBO							
ZEI	comp=Z,691nm,20.0s	Tsey	127.86 309	iPKIP	PKPpdf	19 59 22.0	+3.1
ZEI							
GOF	comp=Z,41nm,2.0s	Gofitskye	128.09 312	ePKIP	PKPpdf	19 59 21.9	+2.9
KIV	comp=Z,6.0nm,1.1s	Kislovodsk	128.54 311	iPKIP	PKPpdf	19 59 18.6	-1.4
KIV							
KIV	comp=Z,234nm,21.0s	Kislovodsk	128.54 311	PFAKE	LR	19 59 30.0	+10
KIV							
NEP	comp=Z,312nm,19.0s	Neytrino	128.64 310	iPKIP	PKPpdf	19 59 21.0	+0.7
LPSR	comp=Z,5.0nm,0.6s	Galich'ya Gora	128.70 323	ePKIP	PKPpdf	19 59 17.9	-1.9
LPSR							
LPSR	comp=N,4.0nm,0.5s						
LPSR							
PTGA	comp=E,10.0nm,1.4s	Pitinga	128.85 107	PFAKE	LR	19 59 30.0	+8.6
PTGA							
SJG	comp=Z,41um,22.0s	San Juan	128.87 82	PFAKE	LR	19 59 30.0	+8.8
SJG							
VSR	comp=Z,128um,20.0s	Storozhevo	129.03 321	ePKIP	PKPpdf	19 59 18.6	-1.9
VSR							
VSR	comp=Z,3.0nm,1.0s						
VSR	comp=N,10.0nm,1.2s						
VSR	comp=E,10.0nm,1.2s						
VORD	comp=Z,10.0nm,1.2s	Divnogorie	129.03 321	ePKIP	PKPpdf	19 59 20.3	-0.2
VORD							
VORD	comp=Z,4.0nm,1.0s						
VORD	comp=N,10.0nm,0.8s						
VORD	comp=E,10.0nm,1.0s						
OBN	comp=Z,26nm,1.8s	Obninsk	129.04 326	iPKIP	PKPpdf	19 59 19.1	-1.3
OBN						20 01 34.2	
OBN						20 18 52.4	+6.5
OBN	comp=Z,367nm,19.0s						
OBN	comp=Z,543nm,19.0s						
BDFB	comp=Z,5.6nm,0.8s,ba=129,slow=5.2,SNR=6.8	Brasilia	130.28 132	PKP	PKPpdf	19 59 24.5	+0.3
BDFB	comp=Z,3.0nm,0.7s	Brasilia	130.28 132	PKP	PKPpdf	19 59 24.5	+0.3
BDFB							
FINES	comp=Z,3.0nm,0.7s	FINES Array B	130.34 337	PKHP	PKPpdf	19 59 14.7	
FINES	comp=Z,7.9nm,1.3s,ba=129,slow=5.2,SNR=3.5					19 59 22.8	+0.1
SOC	comp=Z,2.6nm,0.7s,ba=82,slow=4.0,SNR=6.2	Sochi	130.73 311	iPKIP	PKPpdf	19 59 27.6	+3.6
ANN	comp=Z,2.6nm,0.7s,ba=82,slow=4.0,SNR=6.2	Anapa	132.03 313	iPKIP	PKPpdf	19 59 25.6	-0.8
ANN						20 19 23.3	-0.2
ANN							
ANN	comp=Z,156nm,1.5s						
MALT	comp=Z,156nm,1.5s	Malatya	132.65 305	iPKIP	PKPpdf	19 59 28.5	+0.5
ANWB	comp=Z,685nm,19.0s	Willy Bob	132.88 84	PFAKE	LR	19 59 40.0	+11
ANWB							
MBAR	comp=Z,441nm,19.0s	Mbarara	133.62 250	PFAKE	LR	19 59 40.0	+9.4
MBAR							
AKASG	comp=Z,1.1nm,0.6s,ba=56,slow=1.5,SNR=5.2	Main Array B	134.99 324	PKP	PKPpdf	19 59 29.1	-2.7
AKASG	comp=Z,0.1nm,0.3s,ba=50,slow=5.0,SNR=4.2	Main Array B	134.99 324	PKP	PKPpdf	19 59 29.1	-2.7
AKASG						20 02 04.7	-1.9
AKASG							
KIEV	comp=Z,1.0nm,0.6s	Kiev	135.00 324	PFAKE	LR	19 59 40.0	+8.2
KIEV							
NOA	comp=Z,364nm,20.0s	NORSAR Subarray135.34	344	PKP	PKPpdf	19 59 33.5	+1.3
NOA	comp=Z,2.1nm,0.9s,ba=31,slow=1.9	NORSAR Array B	135.34 344	PKP	PKPpdf	19 59 32.9	+0.7
NOA	comp=Z,2.0nm,0.7s,ba=335,slow=1.9,SNR=9.8	NORSAR Array B	135.34 344	PKP	PKPpdf	19 59 32.9	+0.7
NOA	comp=Z,2.0nm,0.7s						
BRTR	comp=Z,0.9nm,0.7s,ba=126,slow=2.7,SNR=5.2	Ankara	136.63 308	PFAKE	LR	19 59 50.0	+15
BRTR							
ANTO	comp=Z,235nm,20.0s	Prodromos	137.22 301	PFAKE	LR	19 59 50.0	+14
ANTO							
CSS	comp=Z,288nm,21.0s	Isparta	138.86 306	PFAKE	LR	19 59 50.0	+10
CSS							
ISP	comp=Z,228nm,19.0s	Kols	139.75 325	ePKIP	PKPpre	19 59 35.4	
ISP						19 59 35.4	
ISP						19 59 37.0	
ISP						19 59 34.9	
ISP						19 59 34.9	
ISP						19 59 38.4	
ISP						19 59 48.2	+5.5
ISP			</				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Chichijima, Matsushiro Arr, Kurur, Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Mont Dzumac, Stephens Creek, Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Mont Dzumac, Stephens Creek, Warrungarra Arr, etc.

ISCJBJ 27 19:45:40.6:0.8, 27:0N:01:143:61E:0:08, h10km, mb3.6/10, Error ellipse: s-maj=16.1km s-min=10.7km az=179.8

ISCJBJ 27 19:45:40.6:0.8, 26:99N:143:70E, h0km, mb3.6/10, mb1 3.8/11, mb1mx3.6/48, mbtmp3.6/11, ML3.7/1, Error ellipse: s-maj=20.8km s-min=19.0km az=71.0

ISCJBJ 27 19:45:42.3:0.9, 27:0N:01:143:57E:0:09, h10km, n13, c1507/14, mb3.7/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Chichijima, Matsushiro Arr, Kurur, Warrungarra Arr, etc.

ISCJBJ 27 20:09:54.7:0.6, 26:8N:01:143:85E:0:07, h10km, mb3.7/15, Error ellipse: s-maj=15.0km s-min=9.5km az=5.1

ISCJBJ 27 20:09:54.6:0.7, 26:84N:143:86E, h0km, mb3.7/15, mb1 4.0/17, mb1mx3.8/57, mbtmp3.8/17, ML3.7/2, Error ellipse: s-maj=18.4km s-min=17.7km az=159.0

ISCJBJ 27 20:09:56.0:0.8, 26:82N:01:143:80E:0:09, h10km, n19, c1590/20, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Chichijima, Matsushiro Arr, Kurur, Warrungarra Arr, etc.

ISCJBJ 27 20:10:44.7:0.7, 43:13N:01:05:105:40W:0:07, h0km, Error ellipse: s-maj=7.4km s-min=6.4km az=40.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDaho Springs, White River Ci, Long Hollow, etc.

ISCJBJ 27 20:26:15.0:0.7, 26:63S:176:99W, h0km, mb4.6/11, mb1 4.8/13, mb1mx4.5/27, mbtmp4.6/13, ML4.5/2, Error ellipse: s-maj=26.3km s-min=17.2km az=133.0

ISCJBJ 27 20:26:25.7:0.5, 26:69S:0:08:177:16W:0:08, h95km, mb4.5/14, Error ellipse: s-maj=11.6km s-min=9.4km az=145.4

AUST 27 20:26:25.6:1.0, 26:38S:177:06W, h83km, Error ellipse: s-maj=1.7km s-min=1.0km az=317.0

NEIC 27 20:26:26.9:1.0, 26:73S:177:05W, h94km, mb4.6/3, Error ellipse: s-maj=11.2km s-min=9.4km az=140.0

ISCJBJ 27 20:26:27.3:0.5, 26:63S:0:07:177:1W:0:1, h95km, n60, c1527/53, mb4.5/14, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Raoul Island, Nonsauv, Niue, etc.

ISCJBJ 27 20:09:54.7:0.6, 26:8N:01:143:85E:0:07, h10km, mb3.7/15, Error ellipse: s-maj=15.0km s-min=9.5km az=5.1

ISCJBJ 27 20:09:54.6:0.7, 26:84N:143:86E, h0km, mb3.7/15, mb1 4.0/17, mb1mx3.8/57, mbtmp3.8/17, ML3.7/2, Error ellipse: s-maj=18.4km s-min=17.7km az=159.0

ISCJBJ 27 20:09:56.0:0.8, 26:82N:01:143:80E:0:09, h10km, n19, c1590/20, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Raoul Island, Nonsauv, Niue, etc.

ISCJBJ 27 20:10:44.7:0.7, 43:13N:01:05:105:40W:0:07, h0km, Error ellipse: s-maj=7.4km s-min=6.4km az=40.9

ISCJBJ 27 20:10:46.1:0.6, 42:34N:105:09W, h0km, mb2.6/1, mb1 3.7/4, mb1mx3.6/48, mbtmp3.6/11, ML4.3/2, Error ellipse: s-maj=28.1km s-min=9.9km az=154.0

NEIC 27 20:10:47.4:0.4, 43:14N:105:10W, h0km, ML3.1, Error ellipse: s-maj=7.7km s-min=7.1km az=125.0, Suspected Mining explosion

NEIC 50 km [30 miles] NNE of Douglas, ISCJBJ 27 20:10:47.9:1.0, 43:11N:0:04:105:16W:0:04, h0km, n28, c1534/24, Wyring Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Casper, Black Hills, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Keskin Array B, Vranov, etc.

ISCJBJ 27 20:33:13.7:0.7, 19:88S:168:33E, h0km, mb4.5/12, mb1 4.6/13, mb1mx4.4/36, mbtmp4.5/12, ML3.8/1, MS3.7/7, MS1 3.7/7, ms1mx3.4/30, Error ellipse: s-maj=27.6km s-min=16.7km az=144.0

NEIC 27 20:33:15.0:0.4, 19:86S:168:22E, h10km, mb5.2/15, Error ellipse: s-maj=16.0km s-min=8.1km az=156.0

ISCJBJ 27 20:33:16.0:0.3, 19:91S:0:06:168:20E:0:06, h27km, mb4.8/27, MS3.6/7, Error ellipse: s-maj=10.1km s-min=5.7km az=142.0

BGR 27 20:33:18.2:0.68S:168:88E, h33km, MOS 27 20:33:18.1:1.4, 19:78S:168:18E, h33km, mb5.1/15, Error ellipse: s-maj=17.0km s-min=10.3km az=170.3

AUST 27 20:33:57.2:12.0, 20:77S:166:54E, h287km, Error ellipse: s-maj=4.2km s-min=1.7km az=228.0

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Mont Dzumac, Nonsauv, Honiara, etc.

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Afi Afiamalu, Charters Tower, etc.

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Afi Afiamalu, Charters Tower, etc.

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

ISCJBJ 27 20:33:18.2:0.5, 19:92S:0:08:168:17E:0:07, h27km, c1528/116, mb4.9/27, MS3.7/7, 5C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Afi Afiamalu, Charters Tower, etc.

27d 21h

Table with columns: SLVN, Son La, 36.62 270 eP, P, 20 55 17.5 +0.3, KMI, Kunming, 36.72 276 P, PMZ, P, 20 55 18.5 +0.4, etc.

ISCJB 27 20:49:09.9.0.8, 26.96N, 109.143E, 0.2, h10km, mb4.1/7, Error ellipse: s-maj=26.2km s-min=12.6km az=172.4

ISC 27 20:49:10.8.0.9, 26.88N, 143.66E, h0km, mb4.0/7, mb1.4/2.8, mb1mx3.9/4.8, mbtmp4.0/8, ML3.5/1, MS3.2/1, Ms1.3/2.1, ms1mx2.6/4.5, Error ellipse: s-maj=32.5km s-min=18.9km az=172.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, MJAR, Matsushiro Arr, 10.64 336 Pn, P, 20 51 45.0 +0.3, etc.

ISC 27 20:56:08.6.2.1, 0.77N, 126.95E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.2/4.2, mbtmp3.2/3, Error ellipse: s-maj=17.3km s-min=25.6km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, WRA, Warramunga Arr, 21.21 161 P, P, 20 01 09.1 -0.8, etc.

2010 DEC

IDC 27 21:04:42.1.0.7, 20:05S, 168:30E, h0km, mb4.5/17, mb1.4/6.19, mb1mx4.5/3.3, mbtmp4.5/19, ML3.7/1, MS3.7/1.5, Ms1.3/7.15, ms1mx3.6/2.8, Error ellipse: s-maj=20.8km s-min=15.8km az=122.0

NEIC 27 21:04:44.2.0.2, 20:00S, 168:23E, h10km, mb4.9/28, Error ellipse: s-maj=7.3km s-min=5.4km az=149.0

GCMT 27 21:04:44.2.0.4, 20:02S, 168:17E, h19km, mb4.9/28, Moment Tensor Solution, s35,c40, s77,0.02; Duration: 0 Moment tensor: Scale 1016Nm; Mr=3.03E.23; Mw=0.40E.15; Mm=0.78E.35; Mh=0.78E.35; Mw=0.36E.09; Mw=0.25E.28; Best double couple: Mw2.95800, 1016 N, 161.84E.00000, 845.00000, -1.73.00000; NP2: phi=159.00000, 845.00000, A=108.00000; Principal axes: Azm346.00000, Azm82.00000; N 0.5250, Plg13.0000, Azm172.0000; P -3.2160, Plg77.0000, Azm346.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 27 21:04:45.5.0.3, 20:04S, 168:13E, 0.04, h27km, mb4.9/48, MS3.7/13, Error ellipse: s-maj=7.6km s-min=5.2km az=145.7

BGR 27 21:04:46.4.20:70S, 168:82E, h33km, AUST 27 21:05:38.9.20:95S, 166:26E, h94km, ISC 27 21:04:46.8.0.4, 20:07S, 168:22E, 0.07, h27km, n136, +152.125, mb4.9/48, MS3.7/13, 4C, loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, DZM, Mont Dzumac, 2.59 219 Pn, P, 20 05 26.1 -0.9, etc.

1686

Table with columns: MAW, Son La, 77.31 202 P, P, 20 16 38.1 -0.4, MAW, comp=Z, 116nm, 18.1s, baz=63, slow=34, MAW, MAW, 77.31 202 eP, P, 20 16 38.7, etc.

ISCJB 27 21:07:23.4.2.1, 40:81N, 0:08, 44:27E, 0.06, h14km, 19km, Error ellipse: s-maj=13.6km s-min=6.0km az=159.3

TIF 27 21:07:23.4, 40:95N, 44:34E, h17km, 14m, DDA 27 21:07:23.4, 40:95N, 44:14E, h28km, 14m, CSEM 27 21:07:23.4, 40:43N, 44:29E, h5km, MD2.9, Error ellipse: s-maj=7.6km s-min=3.8km az=157.0

ISC 27 21:07:27.1.4, 40:91N, 0:07, 44:28E, 0.04, h6km, 15km, n13, c034/25, Turkey-Georgia-Ambre border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, EAK, Akylaka, 0.56 247 P, P, 20 07 33.4 -0.1, etc.

Table with columns: TBLG, Delisi, 0.89 23 i P, Pn, 21 07 42.3 +0.4, etc.

IDC 27 21:08:31.6:1.1, 27.07N:143.39E, h0km, mb3.9/12, mb1 4.0/15, mb1mx3.8/46, mbtmp3.8/15, ML3.1/3, Error ellipse: s-maj=33.1km s-min=15.6km az=76.0

JMA 27 21:08:37.0:1.0, 27.24N:143.44E, h28km, M3.5, 1.3m, 0.5s, baz=92, slow=9.7, SNR=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:09:19.9:2.5, 26.91N:143.95E, h0km, mb3.9/7, mb1 4.0/9, mb1mx3.7/45, mbtmp3.9/9, ML3.6/2, Error ellipse: s-maj=103.4km s-min=17.7km az=75.0

JMA 27 21:09:26.6:0.3, 27.01N:143.61E, h28km, M3.9, 1.3m, 0.5s, baz=92, slow=9.7, SNR=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:13:08.8:1.1, 35.26N:73.13E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.4/66, mbtmp3.6/9, ML3.1/3, MS3.9/1, Ms1 3.9/1, ms1mx2.7/50, Error ellipse: s-maj=32.0km s-min=22.4km az=51.0

IDC 27 21:13:43.0:3.8, 35.44N:01:73.2E:0.1, h40km, n24, +194/21, mb3.5/5, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

2010 DEC

Table with columns: ZALV, Zalesovo Beam, 20.23 20 P, Pn, 21 17 47.9 -0.1, etc.

WEL 27 21:15:03.3:0.3, 37.89S:175.36E, h189km, 4km, ML3.5/2, 1C-1D, Error ellipse: s-maj=3.5km s-min=2.4km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 27 21:18:15.9:0.5, 39.74N:02:27.91E:0.04, h3km, 6km, Error ellipse: s-maj=5.3km s-min=3.8km az=141.2

ISC 27 21:18:16.0:0.9, 39.74N:02:27.90E:0.02, h14km, 7km, n40, +034/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:18:16.0:0.9, 39.74N:02:27.90E:0.02, h14km, 7km, n40, +034/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:18:16.0:0.9, 39.74N:02:27.90E:0.02, h14km, 7km, n40, +034/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:22:41.5, 37.96N:29.08E, h13km, Md2.7, CSEM 27 21:22:41.5:0.2, 37.91N:29.05E, h8km, Md2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=111.0

ISC 27 21:22:41.0:1.0, 37.92N:02:03.09:0.03, h7km, 9km, n20, +043/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:22:41.5, 37.96N:29.08E, h13km, Md2.7, CSEM 27 21:22:41.5:0.2, 37.91N:29.05E, h8km, Md2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=111.0

ISC 27 21:22:41.0:1.0, 37.92N:02:03.09:0.03, h7km, 9km, n20, +043/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:22:41.5, 37.96N:29.08E, h13km, Md2.7, CSEM 27 21:22:41.5:0.2, 37.91N:29.05E, h8km, Md2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=111.0

ISC 27 21:22:41.0:1.0, 37.92N:02:03.09:0.03, h7km, 9km, n20, +043/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:22:41.5, 37.96N:29.08E, h13km, Md2.7, CSEM 27 21:22:41.5:0.2, 37.91N:29.05E, h8km, Md2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=111.0

ISC 27 21:22:41.0:1.0, 37.92N:02:03.09:0.03, h7km, 9km, n20, +043/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:22:41.5, 37.96N:29.08E, h13km, Md2.7, CSEM 27 21:22:41.5:0.2, 37.91N:29.05E, h8km, Md2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=111.0

ISC 27 21:22:41.0:1.0, 37.92N:02:03.09:0.03, h7km, 9km, n20, +043/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: WRA, Warramunga Arr, 22.57 163 P, Op, 21 37 12.2 +0.9, etc.

IDC 27 21:35:18.2:5.3, 4.81S:151.48E, h157km, 38km, mb3.2/5, mb1 3.4/6, mb1mx3.2/41, mbtmp3.7/6, Error ellipse: s-maj=61.4km s-min=25.7km az=101.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 21:36:39.8:1.0, 20.00S:168.27E, h0km, mb4.3/12, mb1 4.4/14, mb1mx3.2/20, mbtmp2.4/14, ML3.6/1, MS3.6/9, Ms1 3.6/9, ms1mx3.3/39, Error ellipse: s-maj=31.8km s-min=17.5km az=144.0

NEIC 27 21:36:41.6:4.5, 20.06S:168.27E:0.08, h14km, 28km, mb5.1/19, Error ellipse: s-maj=11.9km s-min=8.0km az=177.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISC 27 21:36:42.8:0.5, 20.08S:168.27E:0.08, h27km, n58, +129/54, mb4.8/27, MS3.7/7, 1C-1D, Loyalty Islands

27d 21h

Table with columns: TOR, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Torodi Ar. Beza, TORI, TOA1, etc.

ISCJB 27.21:37.45.5.0,9.27.1N:0.1:143.8E:0.1, h10km, mb3.6/7, MS3.5/1, Error ellipse: s-maj=14.4km s-min=13.7km

IDC 27.21:37.45.5.1.6.27.12N:143.94E, h0km, mb3.6/7, mb1 3.7/9, mb1mx3.5/5.5, mbtmp3.6/9, ML2.8/2, MS3.5/1, Ms1 3.5/1, ms1mx2.4/4.7, Error ellipse: s-maj=45.5km s-min=21.4km az=77.0

ISC 27.21:37.45.1.3,27.11N:0.1:143.7E:0.1, h10km, n11, c111/11, mb3.7/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, MJAR, USRK, etc.

MDD 27.21:38.33.4.2.3,37.30N:14.21W, h0km, mb4.1/5, Error ellipse: s-maj=22.9km s-min=19.0km az=24.0, PRXIMO

IGIL 27.21:38.34.7,37.29N:14.18W, h2km, ML2.1

INMG 27.21:38.34.6.1.1,37.09N:14.62W, h10km, ML2.4, Error ellipse: s-maj=8.3km s-min=7.3km az=175.0

CSEM 27.21:38.36.4.0.4,37.40N:13.95W, h10km, ML2.9/8, Error ellipse: s-maj=7.1km s-min=6.4km az=27.0

ISC 27.21:38.33.3.7,37.37N:14.11W:0.2, h10km, n63, c1543/108, Azores-Cape St. Vincent Ridge

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMAFR, PFVI, PTEO, MORF, PNCL, PBDV, PMTG, EVO, PBEJ, PTOM, PVAQ, EGRO, etc.

2010 DEC

Main table with columns: EGRO, PESTR, PBAR, PMRV, EBAD, EMIN, POLO, PGAV, ELOB, EAGO, EAGO, ECAL, ECAL, EADA, EADA, ESDC, ESDC, CSEM, ATH, ISK, DDA, ISC, CODE, ZEY, URLA, DGB, SMG, KARY, PRK, APE, APE, APE, IZM, IKL, IKL, AYVA, SERI, SERI, EREA, EREA, PTL, PTL, PTL, VLY, VLY, AYDB, AKHS, AKHS, AKS, AKS, AYDN, AYDN, LIA, BALLY, BALLY, BALLY, BALB, BALB, GELI. Includes station names, coordinates, and various parameters.

1688

Table with columns: GELI, KULA, KULA, LPK, LPK, KRBB, KRBB, DURS, DURS, EDC, EDC, RKY, RKY, MRMT, MRMT, ARMT, ARMT, MDVR, MDVR, GZR, GZR. Includes station names, coordinates, and various parameters.

ISCJB 27.21:55.56.8.1.1,27.22N:0.1:143.3E:0.1, h10km, mb3.6/5, Error ellipse: s-maj=16.6km s-min=13.8km az=176.6

IDC 27.21:55.57.5.1.5,27.12N:143.27E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.4/5.4, mbtmp3.5/7, ML2.7/2, Error ellipse: s-maj=39.1km s-min=20.3km az=75.0

ISC 27.21:55.59.0.1.3,27.12N:143.25E:0.1, h10km, n8, c129/9, mb3.6/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, MJAR, USRK, etc.

JAR 27.21:57.31.9.0.1,27.28N:143.78E, h12km, mb3km, M4.5

ISCJB 27.21:57.33.2.0.4,27.20N:0.05:143.58E:0.05, h10km, mb4.2/32, Error ellipse: s-maj=6.8km s-min=5.5km

IDC 27.21:57.33.2.0.7,27.13N:143.61E, h0km, mb3.9/17, mb1 4.1/20, mb1mx4.0/5.7, mbtmp3.9/20, ML2.3/5.3, Error ellipse: s-maj=17.6km s-min=16.6km az=105.0

NEIC 27.21:57.34.9.0.3,27.13N:143.58E, h10km, mb4.6/18, Error ellipse: s-maj=6.2km s-min=5.8km az=93.0

ISC 27.21:57.35.1.0.7,27.18N:0.09:143.55E:0.06, h10km, n65, c086/67, mb4.2/32, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJJ, CBJJ, CBJJ, JCH, JCH, JCH, JCH, BSO1, BSO1, JRY, JRY, JAG, JAG, MJAR, MJAR, MAJO, MAJO, MAT, MAT, MJB9, MJB9, KRSR, KRSR, KS15, KS15, KSAR, KSAR, USRK, USRK, YHNB, YHNB, YULB, YULB, SSLB, SSLB, KLR, KLR, SONA, SONA, SONM, SONM, CMTO, CMTO, CMAR, CMAR, WRAB, WRAB, WB2, WB2, WRA, WRA, ZAAO, ZAAO, ZALV, ZALV, ZAA1, ZAA1, MK32, MK32, MKAR, MKAR, AS31, AS31, ASAR, ASAR, MAKZ, MAKZ, MDM, MDM, SCM, SCM, ILAR, ILAR, ILB, ILB, VOSK, VOSK, ZRNK, ZRNK, KKAR, KKAR, INK, INK, ARU, ARU, DLBC, DLBC, GYBK, GYBK, YKA, YKA, YKB5, YKB5, FIAO, FIAO, FINES, FINES, KBZ, KBZ, NV01, NV01, NVAR, NVAR, AKASO, AKASO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKBB Malin Array Si, RAYN Ar Rayn, BR101 Keskin Array S, etc.

ISCJB 27:22:04:56.2:0.7, 26.91N:0.08:143.69E:0.08, h10km, mb3.7/12, Error ellipse: s-maj=11.9km s-min=9.9km

ICD 27:22:04:56.7:0.7, 26.87N:143.65E, h0km, mb3.7/12, mb1.3/9.15, mb1mx3.8/58, mbtmp3.7/15, ML3.2/3, MS2.8/1, Ms1.2/8.1, ms1mx2.2/43, Error ellipse: s-maj=20.2km s-min=15.9km az=79.0

ISC 27:22:04:58.0:0.7, 26.97N:0.09:143.61E:0.08, h10km, n18, a156/20, mb3.6/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro, MAT Matsushiro, etc.

DJA 27:22:05:23.0:4.3, N3.9:99E±, h10km, M4.2/6, MLV4.2/6, Northern Sumatras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, LHHI Lhok Sumawe, BKNJ Bangkinang, etc.

ISCJB 27:22:05:45.5:0.8, 40.84N:0.04:30.92E:0.05, h9km, 6km, Error ellipse: s-maj=7.4km s-min=5.6km az=26.4

ISK 27:22:05:45.5:0.8, 40.84N:30.88E, h14km, MD2.7

DDA 27:22:05:45.8:0.2, 40.81N:30.95E, h7km, MD2.7

CSEM 27:22:05:45.6:0.2, 40.84N:30.93E, h12km, MD2.7, Error ellipse: s-maj=4.7km s-min=3.1km az=15.0

ISC 27:22:05:45.5:0.8, 40.84N:0.05:30.93E:0.03, h12km, 11km, n20, c0532/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTAS Taskesti, MDUB Mudurnu, GULT Gulveren, etc.

ICD 27:22:06:11.6:14.0, 19.91S:169.37E, h0km, mb4.3/3, mb1.4/4.3, mb1mx3.8/39, mbtmp4.3/3, ML2.2/1, MS3.5/1, Ms1.3/5.1, ms1mx2.5/31, Error ellipse: s-maj=250.0km s-min=79.7km az=97.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RAO Raoul Island, STKA Stephens Creek, etc.

ISCJB 27:22:10:07.2:0.5, 0.27N:0.05:33.29E:0.04, h10km, mb3.9/6, Error ellipse: s-maj=7.1km s-min=6.0km az=7.3

ICD 27:22:10:07.2:1.1, 0.27N:33.37E, h0km, mb3.5/4, mb1.3/8.7, mb1mx3.5/38, mbtmp3.7/7.4, ML4.1/3, Error ellipse: s-maj=21.9km s-min=15.4km az=4.0

NEIC 27:22:10:08.3:0.7, 0.18N:33.33E, h10km, mb4.5/3, Error ellipse: s-maj=14.8km s-min=12.8km az=151.0

ISC 27:22:10:08.0:0.7, 0.26N:0.07:33.28E:0.04, h10km, n16, a1548/25, mb4.0/6, Lake Victoria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENT Entebbe, MBAR Mbarara, MBAR Mbarara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, etc.

ISCJB 27:22:19:32.0:0.5, 6.86N:0.06:73.06W:0.06, h166km, mb3.4/6, Error ellipse: s-maj=10.2km s-min=5.6km az=41.1

ICD 27:22:19:33.0:0.7, 6.73N:72.91W, h167km, 7km, mb3.2/6, mb1.3/7.8, mb1mx3.2/30, mbtmp3.7/7km, Error ellipse: s-maj=20.0km s-min=7.7km az=129.0

FUNV 27:22:19:33.8:0.7, 6.78N:73.13W, h171km, MWV.4

ISC 27:22:19:33.6:0.8, 6.84N:0.07:73.01W:0.07, h166km, n24, c0902/29, mb3.5/6, 12C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, SOCV Socops, etc.

ISCJB 27:22:46:10.0:10.1, 1.81N:96.04E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.5/37, mbtmp3.9/4, ML4.4/1, Error ellipse: s-maj=211.4km s-min=118.4km az=144.0, Off west coast of northern Sumatra

ICD 27:22:46:10.0:10.1, 1.81N:96.04E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.5/37, mbtmp3.9/4, ML4.4/1, Error ellipse: s-maj=211.4km s-min=118.4km az=144.0, Off west coast of northern Sumatra

NEIC 27:22:46:49.5:0.5, 19.49S:168.43E:0.08, h33km, mb4.6/20, Error ellipse: s-maj=12.4km s-min=10.1km az=173.0

ISCJB 27:22:46:49.5:0.5, 19.49S:168.43E:0.08, h33km, mb4.6/20, Error ellipse: s-maj=12.4km s-min=10.1km az=173.0

ISC 27:22:46:49.9:0.7, 19.46S:168.72E:0.10, h35km, n37, a1594/31, mb4.7/21, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

ICD 27:22:46:47.2:1.1, 19.45S:168.40E, h0km, mb4.1/9, mb1.4/3.10, mb1mx4.1/31, mbtmp4.1/10, ML4.2/1, MS3.3/2, Ms1.3/3.2, ms1mx2.7/30, Error ellipse: s-maj=33.3km s-min=21.2km az=151.0

NEIC 27:22:46:49.5:0.5, 19.49S:168.41E, h10km, mb4.9/10, Error ellipse: s-maj=12.4km s-min=10.1km az=173.0

ISCJB 27:22:46:49.5:0.5, 19.49S:168.43E:0.08, h33km, mb4.6/20, Error ellipse: s-maj=12.4km s-min=10.1km az=173.0

ISC 27:22:46:49.9:0.7, 19.46S:168.72E:0.10, h35km, n37, a1594/31, mb4.7/21, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS01 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, etc.

ISCJB 27:22:47:38.0:0.5, 41.96N:0.02:23.14E:0.03, h5km, 5km, Error ellipse: s-maj=4.1km s-min=3.0km az=161.2

SKO 27:22:47:37.5:0.1, 41.99N:23.19E, h23km, ML2.0

CSEM 27:22:47:38.0:0.5, 41.94N:23.19E, h2km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.0km az=62.0

BEO 27:22:47:38.0:0.6, 41.94N:23.25E, h0km, ML2.4/8

THE 27:22:47:38.0:0.7, 41.93N:23.20E, h4km, 1km, ML2.7, Error ellipse: s-maj=1.5km s-min=0.6km az=197.0

ATH 27:22:47:43.2:0.1, 41.66N:23.31E, h26km, 1km, MD2.9/8

ISC 27:22:47:38.7:0.9, 41.92N:0.02:23.22E:0.02, h9km, 7km, n72, c0594/114, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKB Krupnik, MMB Musomiste, VTS Vitosa, etc.

ISCJB 27:22:47:38.0:0.5, 41.96N:0.02:23.14E:0.03, h5km, 5km, Error ellipse: s-maj=4.1km s-min=3.0km az=161.2

SKO 27:22:47:37.5:0.1, 41.99N:23.19E, h23km, ML2.0

CSEM 27:22:47:38.0:0.5, 41.94N:23.19E, h2km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.0km az=62.0

BEO 27:22:47:38.0:0.6, 41.94N:23.25E, h0km, ML2.4/8

THE 27:22:47:38.0:0.7, 41.93N:23.20E, h4km, 1km, ML2.7, Error ellipse: s-maj=1.5km s-min=0.6km az=197.0

ATH 27:22:47:43.2:0.1, 41.66N:23.31E, h26km, 1km, MD2.9/8

ISC 27:22:47:38.7:0.9, 41.92N:0.02:23.22E:0.02, h9km, 7km, n72, c0594/114, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKB Krupnik, MMB Musomiste, VTS Vitosa, etc.

IDC 28 00:36:51.8, 8.2, 27.25N:144.35E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.4/37, mbtmp3.7/5, Error ellipse: s-maj=338.9km s-min=32.1km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SONGINGO Array, WARRAMUNGA ARR, WRA, WRM, MKAR, KURBB, BVAR.

ISCJB 28 00:37:15.7, 0.5, 17.1S:0.2:179.0W:0.1, h53km, mb3.8/9, Error ellipse: s-maj=32.4km s-min=7.4km az=150.7

IDC 28 00:37:17.4, 1.5, 17.20S:178.79W, h54km, mb3.4/9, mb1 3.7/10, mb1mx3.4/34, mbtmp3.4/10, Error ellipse: s-maj=60.9km s-min=11.6km az=37.0

ISC 28 00:37:16.2, 0.8, 17.1S:0.3:178.9W:0.2, h53km, n34, c085/32, mb3.7/9, 4C-2D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include AFI, NFK, ARMA, RMQ, MGCDD, CNB, CMSA, QLP, TXAR, STKA, BBOO, WRA, ASAR, WRKA, KNRA, NVAR, ILAR, PDAR, YKA, MKAR, BVAR, ARCES, FINES, KWP, BRTR, DOPR, DRGR, ARR, KHC, GERES, ABTA.

PRE 28 00:38:41.2, 2.5, 28.74S:20.45E, h5km, MLL4.2, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include UPI, CVNA, KOMG, CER, ELIM, PRYS, WDLM, GRM, KSD, MSNA.

IDC 28 00:50:37.7, 5.0, 19.13S:168.97E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.6/36, mbtmp3.6/4, MLL3.8/1, MS3.0/1, Ms1 3.7/5, mb1mx3.5/37, Error ellipse: s-maj=123.3km s-min=39.9km az=119.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include DZM, DZM, AFI, WRA, WSA, SONM.

IDC 28 00:55:23.5, 2.0, 1.54N:127.67E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.5/37, mbtmp3.6/5, MLL3.1/1, MS3.7/1,

Ms1 3.7/1, ms1mx2.4/27, Error ellipse: s-maj=105.1km s-min=26.5km az=69.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include FITZ, WRA, ASAR, CKJ, STKA, MKAR.

IDC 28 00:56:37.5, 0.7, 27.25N:143.45E, h0km, mb3.8/16, mb1 4.1/20, mb1mx4.0/39, mbtmp3.8/20, MLL3.8/3, Error ellipse: s-maj=17.6km s-min=15.8km az=119.0

NEIC 28 00:56:38.8, 0.3, 27.25N:143.48E, h10km, mb4.8/20, Error ellipse: s-maj=6.9km s-min=6.6km az=105.0

ISCJB 28 00:56:40.7, 0.3, 27.35N:0.0:143.43W:0.04, h33km, mb4.5/38, Error ellipse: s-maj=5.5km s-min=4.2km az=44.4

JMA 28 00:56:40.7, 0.3, 27.38N:143.42E, h32km, M4.4

ISC 28 00:56:42.7, 0.5, 27.32N:0.06:143.36E:0.06, h35km, n72, c121/17, mb4.4/38, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CBIJ, CBJJ, CBJJ, CJJ, JCJ, JMA, JHHJ, BS01, BS01, BS03, BS04, BS04, JRY, JAG, MJAR, MAJO, MJBS, KRSR, KS15, KSAR, ASAJ, ASAJ, USRK, TATO, KLR, SMY, SONA, SONA, KAPI, CM31, CMAR, BILL, WB2, WRA, WRA, WRC, ZALV, ZAA1, MK32, MKAR, MKAR, AS31, ASAR, KIP, MBWA, TRF, MLY, RKH, RND, MDM, ILAR, ILB, KLU, VOSK, EGAK, INK, INK, ABKAR, YKA, YKB5, FIAO, FINES, KBZ, NV01, NVAR, OSI, PSUT, AKASE, PD31, PD31, PDAR, BR101, BR101, BORG, LTX, TXAR, LPAZ.

Ms1 3.8/14, mb1mx3.6/55, mbtmp3.7/6, MLL3.9/1, Error ellipse: s-maj=96.4km s-min=26.2km az=81.0

ISC 28 01:15:57.3, 2.2, 26.1N:0.0:124.90E:0.6, h10km, n6, c105/6, mb3.9/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MJAR, KLR, SONM, WRA, MKAR, MKAR, KURBB, WRA, ZALV, ZAA1, MK32, MKAR, MKAR, AS31, ASAR, KIP, MBWA, TRF, MLY, RKH, RND, MDM, ILAR, ILB, KLU, VOSK, EGAK, INK, INK, ABKAR, YKA, YKB5, FIAO, FINES, KBZ, NV01, NVAR, OSI, PSUT, AKASE, PD31, PD31, PDAR, BR101, BR101, BORG, LTX, TXAR, LPAZ.

IDC 28 01:08:40.2, 1.7, 26.32N:144.23E, h0km, mb3.3/3,

mb1 3.6/3, mb1mx3.2/45, mbtmp3.3/3, Error ellipse: s-maj=58.9km s-min=37.6km az=94.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include WRA, MKAR, YKA.

ISCJB 28 01:13:08.0, 0.7, 39.0S:0.1:46.4E:0.2, h10km, mb3.8/8, MS3.8/3, Error ellipse: s-maj=24.5km s-min=12.1km az=38.2

IDC 28 01:13:07.9, 0.8, 39.04S:46.23E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.8/37, mbtmp3.9/9, MS3.8/3, Ms1 3.7/3, ms1mx3.2/31, Error ellipse: s-maj=39.5km s-min=18.4km az=43.0

ISC 28 01:13:09.4, 0.8, 39.1S:0.2:46.1E:0.2, h10km, n15, c092/13, mb4.0/8, MS3.7/3, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BOSA, OPO, LBTB, LBTA, MATP, MAW, QSPA, QSPA, TORO, ASAR, STKA, WRA, BRTR, AAK, INK, ILAR, YKA.

IDC 28 01:15:09.7, 1.4, 27.17N:143.52E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/45, mbtmp3.5/4, MS3.3/2, Ms1 mx2.6/36, Error ellipse: s-maj=35.5km s-min=28.9km az=178.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JCJ, JCJ, GUMO, WRA, MKAR, KURBB, NVAR, AKASE.

ISCJB 28 01:15:55.1, 2.3, 26.1N:0.2:141.0E:0.6, h10km, mb3.8/5, Error ellipse: s-maj=80.1km s-min=19.7km az=173.4

IDC 28 01:15:56.1, 2.6, 26.05N:140.78E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/55, mbtmp3.7/6, MLL3.9/1, Error ellipse: s-maj=96.4km s-min=26.2km az=81.0

ISC 28 01:15:57.3, 2.2, 26.1N:0.0:124.90E:0.6, h10km, n6, c105/6, mb3.9/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MJAR, KLR, SONM, WRA, MKAR, MKAR, KURBB, WRA.

IDC 28 01:17:09.1, 0.5, 51.27N:176.11W, h0km, mb4.2/34, mb1 4.3/35, mb1mx3.6/32, mbtmp4.2/35, MLL4.4/1, MS3.8/14, Ms1 3.8/14, mb1mx3.6/55, mbtmp3.7/6, MLL3.9/1, Error ellipse: s-maj=9.8km az=175.0

BUI 28 01:17:12.3, 5.1, 39N:175.84W, h49km, mb4.8/35, mb5.1/25, Ms4.8/14, Ms7.4/4/15

NEIC 28 01:17:12.4, 5.1, 04N:176.04W, h34km, mb4.7/52, MLL4.5(AEIC), After A3C

MOS 28 01:17:12.9, 1.0, 5.1, 33N:176.17W, h33km, mb4.6/28, GSTR Keskin Array S1 79.56 52 eP Error ellipse: s-maj=10.6km s-min=7.1km az=87.0

ISCJB 28 01:17:15.1, 0.5, 51.33N:0.05:176.14W:0.03, h53km, 3km, mb4.5/70, MS3.8/13, Error ellipse: s-maj=8.4km s-min=3.2km az=174.3

ISC 28 01:17:12.1, 0.1, 51.38N:0.08:176.20W:0.03, h55km, 7km, n275, c128/277, mb4.5/71, MS3.8/13, 10C-9D, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ETKA, GSKC, ADAG, GSMY, GSTR, KIRK, KIKV, TAPF, TASE, ATKA, KOKL, KOWE, KOPF, GAEA, GSEW, AMKA, LSPA, NIKH, NIKH, OKTO, MSOM, UNV, SPIA, AKUT, GSTR, TNA, SVW2, KDAK.

28d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WLF Walferrange, FETA Feichten, BFO Black Forest.

ISCJB 28 02:12:28.9-0.5, 23.89S-0.06:67.00W-0.04, h181km, Error ellipse: s-maj=8.6km s-min=4.6km az=21.3

GUC 28 02:12:30.0-0.3, 23.82S-0.46W, h243km, 89M, ML4.3

SJA 28 02:12:30.0-0.8, 23.99S-66.79W, h174km, 18km, ML2.7, MW2.7

ISC 28 02:12:28.9-1.3, 23.90S-0.07:66.97W-0.05, h181km, n13, e110/21, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SLA San Lorenzo, HJA Humahuaca, AZAP Zapla, YJA Yavi, ASTB Santa Barbara, FSA Cafayete, PB06 IPOC Station P, AHML Horco Molle, PB10 IPOC Station P, PB04 IPOC Station P, PB07 IPOC Station P, PB01 IPOC Station P, HMBC Humberstone.

ISC 28 02:13:13.8-4.7, 19.14S-168.10E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/27, mbtmp3.7/4, ML3.9/1, Error ellipse: s-maj=86.8km s-min=52.6km az=96.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, GERES GERESS Array B.

ISC 28 02:14:08.4-2.3, 15.69S-179.56E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/30, mbtmp3.7/4, Error ellipse: s-maj=182.4km s-min=29.0km az=150.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea.

ISC 28 02:15:23.1-4.3, 18.90S-174.55W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.9/32, mbtmp4.3/4, Error ellipse: s-maj=169.5km s-min=54.7km az=144.0, 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, WRA Warramunga Arr, BRTR Keskin Array B.

ISC 28 02:20:28.6-0.7, 19.27S-167.91E, h0km, mb4.5/14, mb1 4.6/15, mb1mx4.4/38, mbtmp4.5/15, ML4.2/1, MS3.6/12, Ms1 3.6/12, ms1mx3.4/32, Error ellipse: s-maj=29.0km s-min=16.1km az=136.0

NEIC 28 02:20:29.7-0.3, 19.38S-168.07E, h10km, mb5.2/23, Error ellipse: s-maj=16.0km s-min=8.0km az=152.0

NEIC Felt at Port-Vila, ISCJB 28 02:20:31.1-0.2, 19.39S-0.06:167.91E-0.06, h26km, mb4.9/36, MS3.7/10, Error ellipse: s-maj=10.9km s-min=6.2km az=138.0

BGR 28 02:20:31.6, 20.80S-167.42E, h34km, BJI 28 02:20:31.5, 18.55S-168.69E, h90km, mb4.8/25, mb5.1/20, Ms5.4/1, Ms7.5/0.2

ISC 28 02:20:32.6-0.5, 19.45S-0.09:168.0E-0.1, h26km, n151, e133/132, mb5.0/35, MS3.7/11, 2C-7D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, MSVF Noniava, HNR Honiara, RAO Raoul Island, AFI Afiamalo, URZ Urewera, CTA Charters Tower, PMG Port Moresby, RPZ Rata Peaks, STKA Stephens Creek, HNR Honiara, RAR Rarotonga, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs.

2010 DEC

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOEI, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, NJ2 Nanjing, GSPA South Pole Qui, PSI Prapat, PETK Petropavlovsk, CN2 Changchun, GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang, KLR Kul'dur, KMI Kunming, KMI Kunming, CMAR Chiang Mai Arr, MAW Mawson, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, SEY Seydian, SYO Syowa Base, SVW Sparrevohn, ULN Ulaanbaatar, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, GTA Gaotai, WDC Whiskeytown Da, N02D Trinity Center, OHMC Honcut, M02C Callahan, ORV Oroville, AFDM Forest Hills D, O03D Paynes Creek, YBH Yreka Blue Hor, BFSC Mount Baldy Ra, M04C Macdoel, LRMC Laurel Mountain, IBP Imperial Bould, MPMC Manual Prospec, DAC Darwin (Calif), I04A Tendick Farm, BELC Belle Mtn. Jos, HEC Hector Ludlow, NV01 Mina Array Sit, NV01 Mina Array Bea, GRAC Grapevine Rang, MOD Modoc, J05D Fort Rock, OR, FUR Furnace Creek, GLA Glamis, GMRC Granite Mounta, BBB Bella Bella, TRM Turquoise Moun, IRM Iron Mountain, HDA Harding Lake, MDM Murphy Dome, TPNV Topopah Spring, TPNV Topopah Spring, Y12C Blythe, ILAR Eielson Array, IL1 Eielson Array, PDMCI Parker Dam, LAK, WVOR Winn Horse Val

1696

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 214A Organ Pipe Nat, BMN Battle Mountai, A04D Lumm Island, B05A Bryant, R11A Troy Canyon, C, R11A Troy Canyon, C, J08A Circle Bar Ran, G08A Pilot Rock, HAWA Hanford, ELK Elko, CCUT Cedar City, TUC Tucson, TUC Tucson, HLD Hailey, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, YKA Yellowknife Arr, KSH Kashi, KSH Kashi, ARCES ARCESS Array B, ARCES ARCESS Array B, FINES FINES Array B, DPC Dobruska-Pohel, BRG Bergjesshubel, CLL Collim, CLL Collim, CONA Conrad Observa, KHC Kasperse Hory, GECZ GERESS Array S, GECZ GERESS Array S, GERES GERESS Array B, WTSB Wabersberg, MOLA Mollin, GRF Grafenberg Arr, GSKO Grafenberg, GSKO Soboth, TNS Taurus Mts, TNS Taurus Mts, OBKA Obir, RJOB Jochberg, RJOB Jochberg, KBA Koenbreinspre, HGN Heimgangroev, MYKA Mykasta, FUR Furstenfeldbru, FUR Furstenfeldbru, FUR Furstenfeldbru, BEBN Eben Emael, CWF Charnwood Fore, MEM Membach, STU Stuttgart, STU Stuttgart, STU Stuttgart, BCLA Clavier, ABTA Abfaltersbach, WATA Waldaral, WATA Moosalm, SNF Senefle, RETA Retz, WLF Walferrange, WLF Walferrange, WLF Walferrange, WLF Walferrange, DOU Dourbes, FETA Feichten, BFO Black Forest, BFO Black Forest, DAVA Damuels, FUORN Otenpass-Fuorn, TUE Stuetta, SENIN Lac Senin/Sane, BNI Bardonecchia, SSB Saint Sauveur, ESCD Sonsea Array, TOAO Torodi Arr, TORD Torodi Arr, TORD Torodi Arr

ISC 28 02:25:49.7-1.5, 19.83S-168.01E, h0km, mb4.1/5, mb1 4.3/6, mb1mx3.9/41, mbtmp4.1/6, ML3.6/1, Error ellipse: s-maj=57.5km s-min=26.7km az=148.0

ISCJB 28 02:25:52.1-1.4, 19.95S-0.1:167.9E-0.2, h27km, mb4.1/4, Error ellipse: s-maj=31.9km s-min=13.0km az=26.0

ISC 28 02:25:53.9-1.4, 19.95S-0.2:168.0E-0.3, h27km, n8, e151/8, mb4.1/4, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, GERES GERESS Array B, TORD Torodi Arr, TORD Torodi Arr.

Msl 3.2/4,ms1mx2.7/45, Error ellipse: s-maj=16.6km s-min=16.0km az=118.0 NEIC 28 02:27:56.0,0.3,27.14N,-143.44E,h10km,mb4.5/5, Error ellipse: s-maj=7.4km s-min=6.9km az=216.0 JMA 28 02:27:57.1,0.3,27.39N,-143.44E,h32km,ML4.5 ISCJB 28 02:27:59.2,0.6,27.45N,-143.33E,0.0,5,h33km, mb4.1/20,MS3.2/3, Error ellipse: s-maj=8.1km s-min=4.7km az=39.6

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Chichi jima, Haha-jima-NKT, Matsuhiro Arr, etc.

NEIC 28 02:38:37.8,33.19N,-115.62W,h4km,ML3.8(PAS), After PAS. MEX 28 02:38:38.1,0.5,33.31N,-115.58W,h36km,162km,MD4.2 ISC 28 02:38:36.4,0.8,33.15N,-115.61W,0.02,110km,8km, n42,1f32/74,Southern California

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Sam W. Stewart, Big Chuckwall, Imperial Bould, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Hektor,Ludlow, Needles Airpor, Landfair, San Pedro Mart, etc.

KRSC 28 02:43:28.3,0.8,55.26N,161.48E,h124km,12km,ML4.5 ISCJB 28 02:43:29.6,0.3,55.31N,161.36E,0.0,9,h126km,2km,mb3.9/19, Error ellipse: s-maj=9.0km s-min=3.3km az=24.1

MOS 28 02:43:29.6,0.7,55.32N,161.28E,h126km,mb4.0/8, Error ellipse: s-maj=14.5km s-min=5.6km az=73.5 IDC 28 02:43:31.5,2.3,53.42N,160.99E,h127km,22km, mb3.1/7,mb1.3/7,20,mb1.0x3.5/57,mbtmp3.9/20,MS3.6/4, Ms1.3/64,ms1mx2.9/47, Error ellipse: s-maj=16.4km s-min=11.2km az=149.0

ISC 28 02:43:30.3,0.7,55.27N,161.40E,0.05,h120km,6km, n100,0f98/123,mb3.9/19,2C,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kizimen, Kamenistaya, Zelenaya, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APC, ASAK, PALN, OSORA, PAUZHETKA, etc.

BUI 28 02:47:08.1,53.08S,-26.98E,h10km,mb5.8/3,Ms5.2/3, Ms7.4/73 IDC 28 02:47:09.0,0.4,52.88S,-27.41E,h0km,mb4.5/17, mb1.4/6/17,mb1mx4.5/31,mbtmp4.5/17,MS4.2/17, Ms1.4/2.17,ms1mx4.0/30, Error ellipse: s-maj=18.6km s-min=13.5km az=62.0

ISCJB 28 02:47:10.1,0.3,52.88S,0.06,27.3E,0.11,h13km, mb4.6/27,MS4.2/18, Error ellipse: s-maj=12.2km s-min=8.8km az=173.7

AWI 28 02:47:10.0,52.90S,-27.29E GCMT 28 02:47:11.0,52.92S,-27.78E,h12km,MW5.0/67, Moment Tensor Solution: m33=637, s67,c94; Duration: 0. Moment tensor: Scale 10^18Nm; Mr=2.16e16; Mw=3.28e13; Mo=1.12e16; MoQ.95t.36; Mw3.36t.15; Mo>0.65t.50; Best double couple: M4.39200x10^16 NP1:0.280,000000,0.689,000000,-1.29,000000. NP2: 0.22,000000,0.663,000000,-1.157,000000. Principal axes: T 5.1350,Plg4.0000, Azm332.0000; N -1.4870, Plg55.0000, Azm68.0000; P -3.6490,Plg35.0000, Azm239.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 02:47:11.1,0.3,52.92S,-27.32E,h10km,mb5.0/14 Error ellipse: s-maj=9.5km s-min=7.3km az=82.0 ISC 28 02:47:11.4,0.3,52.96S,-27.31E,0.09,h13km,n139, s1900/130,mb4.7/27,MS4.3/18,1C,South of Africa

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Syowa Base, Sutherland, Karymskiy, etc.

28d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LSZ Lusaka, VVDA Vanda, KMBO Kilima Mbogo, etc.

2010 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ISCO Idaho Springs, MVCO Mesa Verde, G28A Mesa Verde, etc.

1698

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PDMCI Parker Dam, HEC Hecker Ludlow, NEE2 Needles Airoor, etc.

ICD 28 02:53:05.2, 2.9, 19:53:57.1678E, h0km, mb3.9, mb1 4.1/5, mb1mx3.8/44, mbtm4.0/5, ML3.9/1, MS3.0/3, Ms1 3.0/3, ms1mx2.6/31, Error ellipse: s-maj=62.6km s-min=37.3km az=117.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like DZM Mont Dzumac, DZM DZM, AFJ Afiamalu, etc.

28d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNB Canberra Magne, QLP Qulipie, CMLA Cobar Meteor, etc.

IDC 28 03:49:49.8, 0.8, 19:27S; 168:02E, h0km, mb4.5/12, mb1 4.7/13, mb1mx4.4/42, mbtmp4.5/13, ML4.3/1, Error ellipse: s-maj=21.2km s-min=16.8km az=144.0

NEIC 28 03:49:51.2, 0.5, 19:33S; 168:03E, h10km, mb4.3/4, Error ellipse: s-maj=19.4km s-min=10.0km az=144.0

ISCJB 28 03:49:52.3, 0.6, 19:36S; 0:08, 167:9E, 0.1, h26km, mb4.5/14, Error ellipse: s-maj=17.7km s-min=8.5km az=34.3

ISC 28 03:49:53.7, 0.7, 19:45S; 0:1x168:0E, 0.2, h26km, m3,9, #081/36, mb4.5/14, 1C-4D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, CTAO Charters Tower, etc.

2010 DEC

Table with columns: MYKA Terra Mystica, BEBN Eben Emael, ECLA Emlambach, etc. Includes station names, coordinates, and times.

PRU 28 03:51:56.5, 49:86N; 18:49E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, OKC Dobruska-Polom.

IDC 28 03:53:40.1, 1.1, 19:33S; 168:08E, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.9/40, mbtmp3.9/8, ML4.1/1, Error ellipse: s-maj=47.8km s-min=22.2km az=147.0

ISCJB 28 03:53:42.7, 1.0, 19:55S; 0:1x168:0E, 0.2, h26km, mb3.9/7, Error ellipse: s-maj=27.3km s-min=10.9km az=29.1

ISC 28 03:53:43.9, 1.0, 19:55S; 0:2, 168:1E, 0.2, h26km, m10, #1500/10, mb3.9/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Staphys Creek, STKA Warrungarra Arr, etc.

NEIC 28 03:55:00.27, 20N; 143:60E, h5km, Mw4.6 Best double couple: M:38000x1015 NP1:348.000000, 813.000000, 1-45.000000, NP2:122.000000, 681.000000, 1-99.000000

IDC 28 03:55:43.0, 0.5, 27:02N; 143:62E, h0km, mb4.5/24, mb1 4.6/28, mb1mx4.5/49, mbtmp4.5/28, ML4.2/3, MS3.3/7, Ms1 3.3/7, ms1mx3.0/47, Error ellipse: s-maj=13.8km s-min=13.6km az=118.0

MOS 28 03:55:43.0, 1.0, 27:07N; 143:58E, h10km, mb4.9/54, Error ellipse: s-maj=10.2km s-min=5.4km az=104.0

ISCJB 28 03:55:44.0, 1.1, 27:31N; 0:03, 143:50E, 0:02, h7km, 6km, mb4.8/105, MS3.6/7, Error ellipse: s-maj=4.9km s-min=3.5km az=1.5

BUI 28 03:55:44.6, 27:15N; 143:19E, h5km, mb4.6/38, mb5.0/34, Ms4.5/27, Ms7.4/1/2

NEIC 28 03:55:44.9, 0.2, 27:08N; 143:53E, h10km, mb5.0/68, Mw4.5(NIED), Error ellipse: s-maj=4.8km s-min=4.2km az=173.0

JMA 28 03:55:45.4, 0.1, 27:16N; 143:63E, h67km, M4.5 BGR 28 03:55:21.5, 27:36N; 143:09E, h33km, mb5.2

ISC 28 03:55:43.6, 1.4, 27:13N; 0:06, 143:53E, 0:04, h1km, 7km, m365, #111/387, mb4.9/105, MS3.6/7, 7C-8D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJ Chichi jima, JHH Haha-jima-NKT, JHJ Hita, etc.

B503 Boso 3 8.03 342 P Pn 03 57 41.5 +0.3

B504 Boso 4 8.08 342 P Pn 03 57 45.6 +0.6

JOD2 Odawara 2 8.95 336 S S 03 59 35.6 -0.1

JWZ Kozaga 9.29 315 P Pn 03 58 06.0 +0.3

JIE Ise 9.32 323 P Pn 03 58 04.6 +5.5

JHU Hanno 9.42 338 P Pn 03 58 00.2 -0.3

JKN2 Miekiokoku 9.45 320 P Pn 03 58 05.2 +7.4

JYT Yasaki 9.51 343 P Pn 03 58 02.7 +1.3

JNY Yasuoku 9.53 311 P Pn 03 58 07.6 +5.6

JRY Ryogami san 9.70 337 P Pn 03 58 04.3 -0.0

JHO Hitachi 9.78 346 P Pn 03 58 04.3 -1.2

JHO Hitachi 9.78 346 P Pn 03 59 46.9 -9.1

JAG Ashikaga 9.89 341 P Pn 03 58 06.0 -1.0

JAG Ashikaga 9.89 341 P Pn 03 59 53.4 -5.4

INU Inuyama 9.91 327 ePn Pn 03 58 09.0 +1.8

1700

Table with columns: ASAJ comp=Z,1.0nm,0.3s, USRK Ussuriysk Ar, YSS Uzur-Sakhalin, etc. Includes station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NJ2 Nanjing, SNY Shenyang.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2 Changchun, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLR Kul'dur, KLR Kul'dur.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHN Wuhan, BJI Beijing.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJI Beijing, BJI Beijing.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJI Beijing, BJI Beijing.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NKL Nikolayevsk, PETK Petrovskoye, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te.

1701

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Gaotai, Manton Dam, Chiang Mai Arr, etc.

2010 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KSH, COLA, ILAR, etc.

28d 3h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WALA, VSR, VOR, etc.

28d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPU Maple Canyon, P17A Butcher Ranch, P18A Preston Nutter, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMTX Amarillo, P34A Walnut Farm, X30A Coker Ranch, etc.

1702

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOH Sokhos, P34A Walnut Farm, X30A Coker Ranch, etc.

Table with columns: Station Name, Time, Res, Pn, Az, Phase ID, Time Res, ISC. Lists various stations like Moikau Station, Paruwai Farm, Namu Road, etc.

DJA 28 06:58:43.9-0.5, 7.5 S, 107 E, h10km, M3.4/5, MLV3.4/5, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Cibinong, Cisompet, Garu, etc.

IDC 28 06:59:59.1-1.1, 60.91S, 24.79W, h0km, mb4.0/3, mb1.4, 1/3, mb1mx3.7/2.1, mbtmp4.0/3, MS3.4/7, Ms1.3/4/7, ms1mx3.2/2.0, Error ellipse: s-maj=49.7km s-min=38.8km

ISC 28 07:00:01.3-0.9, 60.9S, 02.24-6W, h10km, n18, c1513/11, mb4.0/3, MS3.4/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Neumayer-Stat, Neumayer Olymp, Neumayer Olymp, etc.

MEX 28 07:04:07.3-0.4, 27.10N, 111.48W, h10km, MD4.2, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Santa Rosalia, Yellowknife Ar, etc.

NIED 28 07:15:00, 33.60N, 139.60E, h155km, Mw4.5 Best double couple: Mo:7.34000*10^15 NP1:0*115.00000, s56.00000, s140.00000. NP2:0*230.00000, s58.00000, s140.00000

141.00000, MOS 28 07:15:39.1-1.2, 33.51N, 139.32E, h160km, mb4.3/29, Error ellipse: s-maj=11.0km s-min=6.2km az=101.8, JMA 28 07:15:40.5-0.1, 33.61N, 139.58E, h167km, km, M4.4, IDC 28 07:15:40.2-0.3, 33.47N, 139.34E, h159km, 2km, mb3.8/17, mb1.4, 0/2/1, mb1mx3.9/4.2, mbtmp4.3/2.1, Error ellipse: s-maj=13.3km s-min=9.6km az=68.0, ISC/JB 28 07:15:40.1-0.3, 33.47N, 139.37E, 0.0/4, h124km, 1km, mb4.4/7.0, Error ellipse: s-maj=5.8km s-min=4.5km az=35.4, BUJ 28 07:15:41.0, 33.50N, 139.30E, h173km, mb4.5/22, mb4.9/19, NEIC 28 07:15:41.0, 33.46N, 139.26E, h162km, 3km, mb4.6/5/2, MW4.5(NIED), Error ellipse: s-maj=5.2km s-min=4.7km az=50.0, NEIC Felt at Nagoya-shi, Honshu. ISC 28 07:15:41.2-0.5, 33.56N, 139.46E, 0.0/5, h166km, 4km, n206, c1513/213, mb4.5/7.4, 6C-5D, Southeast of Honshu

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists numerous stations including Hachioji jima 2, JHU, JHM, JMJ, etc.

Main table with columns: Station Name, Time, Res, Pn, Az, Phase ID, Time Res, ISC. Lists numerous stations including WAKE ISLAND Hy, Songino Array, Songino Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES, KBZ, NLW, ETW, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES, SMCO, Q24A, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ISCJB, IDC, NEIC, AUST, etc.

28d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DNP Denpasar, IGBI Denpasar, SRBI Singaraja, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KUR comp=Z,249nm,1.6s, KUR comp=E,143nm,1.2s, etc.

1712

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW comp=Z,325nm,1.1s, MAW comp=Z,56nm,1.1s, etc.

1715

AAGR	Agrelo	93.46	128i	eP	P	08 46 34.8	+0.3
JCT	Junction City	93.47	58	eP	P	08 46 34.4	0.0
JCT	Junction City	93.47	58	P	P	08 46 35.0	+0.6
JCT	Junction City	93.47	58	eP	P	08 46 34.4	0.0
130A	Snyder	93.47	56	P	P	08 46 35.3	+0.9
834A	Tilden	93.48	61	P	P	08 46 35.8	+1.4
AUSP	Uspallat	93.49	127	eP	P	08 46 35.6	+0.7
ARCO	CERRO ARCO	93.50	128i	eP	P	08 46 34.9	+0.1
RLMT	Red Lodge	93.52	42	eP	P	08 46 35.1	+0.6
RLMT	Red Lodge	93.52	42	eP	P	08 46 36.0	+1.5
633A	Saathoff Ranch	93.53	60	P	P	08 46 36.4	+1.7
GCMT	Greycliff	93.61	41	eP	P	08 46 36.1	+1.3
N23A	Red Feather La	93.61	47	eP	P	08 46 37.4	+1.3
N23A	Red Feather La	93.61	47	eP	P	08 46 35.9	+0.8
432A	Menard	93.64	58	P	P	08 46 35.6	+0.4
231A	Bronte	93.69	57	P	P	08 46 35.3	0.0
ASAL	Salagasta	93.70	128	eP	P	08 46 36.1	+0.5
RTL5	Leoncito	93.77	127	eP	P	08 46 37.4	+1.3
734A	La Parita Cree	93.77	60	P	P	08 46 36.6	+0.8
332A	Millersview	93.90	58	P	P	08 46 36.7	+0.3
533A	Kerrville	93.90	59	P	P	08 46 37.0	+0.7
AMTX	Amarillo	93.92	54	eP	P	08 46 36.9	+0.5
AMTX	Amarillo	93.92	54	eP	P	08 46 37.1	+0.7
131A	Roby	93.94	56	P	P	08 46 37.5	+1.0
K22A	Casper	94.06	45	P	P	08 46 37.4	+0.4
K22A	Casper	94.06	45	eP	P	08 46 37.7	+0.7
Y30A	Stafford Catti	94.07	55	P	P	08 46 37.6	+0.5
LCO	Las Campanas	94.10	124	eP	P	08 46 37.5	-0.2
835A	Beeville	94.12	61	P	P	08 46 37.3	-0.1
PHWY	Pilot Hill	94.13	47	eP	P	08 46 38.2	+0.7
433A	Art	94.14	58	P	P	08 46 37.6	+0.2
232A	Coleman	94.18	57	P	P	08 46 37.9	+0.3
YAK	Yakutsk	94.22	339	eP	P	08 46 36.4	-0.5
YAK	Yakutsk	94.22	339	eP	P	08 46 36.1	-0.8
YAK	Yakutsk	94.22	339	eP	P	08 46 36.1	-2.0
YAK	Yakutsk	94.22	339	eP	P	08 56 21.9	+3.4
YAK	Yakutsk	94.22	339	eP	P	08 57 00.1	
YAK	Yakutsk	94.22	339	eP	P	08 58 22.2	+1.3
YAK	Yakutsk	94.22	339	eP	P	08 46 36.8	-0.1
RTCV	Cerro Valdivia	94.29	127	eP	P	08 46 38.9	+0.7
534A	Blanco	94.32	59	P	P	08 46 38.8	+0.5
X30A	Coker Ranch, T	94.33	54	P	P	08 46 38.4	+0.2
Z31A	Sharp Cattle R	94.40	56	P	P	08 46 38.7	+0.1
333A	Richland Sprin	94.46	58	P	P	08 46 39.2	+0.3
ABTX	Abilene, Hawle	94.49	56	P	P	08 46 39.5	+0.5
ABTX	Abilene, Hawle	94.49	56	eP	P	08 46 39.8	+0.8
Y31A	Rekieta Farm,	94.59	55	P	P	08 46 39.9	+0.5
RTL5	Cerro Villcum	94.61	127	eP	P	08 46 40.4	+0.7
635A	Leesville	94.62	60	P	P	08 46 41.1	+1.5
EGMT	Eagleton	94.68	39	P	P	08 46 40.1	+0.6
EGMT	Eagleton	94.68	39	eP	P	08 46 40.2	+0.7
AMOG	MOGNA	94.80	127	eP	P	08 46 41.9	+1.3
434A	Burnet	94.81	59	P	P	08 46 41.1	+0.7
233A	Rising Star	94.81	57	P	P	08 46 41.4	+0.9
U29A	Oasis Ranch, S	94.90	52	P	P	08 46 42.0	+1.2
Z32A	Haskell	94.90	56	P	P	08 46 41.9	+1.1
S28A	Manter	94.93	51	P	P	08 46 41.8	+0.8
736A	Circle Diamond	95.01	61	P	P	08 46 42.5	+1.1
V30A	Spur Ranch, Mi	95.03	53	P	P	08 46 42.3	+0.9
K5C0	Kaye Shedlock	95.04	50	P	P	08 46 42.2	+0.7
K5C0	Kaye Shedlock	95.04	50	eP	P	08 46 42.1	+0.7
535A	Dale	95.04	60	P	P	08 46 42.5	+1.0
133A	Hamilton Ranch	95.05	57	P	P	08 46 41.9	+0.5
334A	Lometa	95.05	58	P	P	08 46 42.6	+1.0
ACAN	Cantantla	95.06	128	eP	P	08 46 42.4	+0.6
X31A	McDonald Ranch	95.08	55	P	P	08 46 41.9	+0.3
T29A	Hugoton	95.18	52	P	P	08 46 43.4	+1.3
Y32A	R-V Farms, Ver	95.22	55	P	P	08 46 42.6	+0.4
636A	Smothers Creek	95.23	60	P	P	08 46 43.7	+1.4
R28A	Tribune	95.32	51	P	P	08 46 43.7	+1.0
435B	Jarrell	95.33	59	P	P	08 46 43.3	+0.5
W31A	Holland Ranch,	95.34	54	P	P	08 46 43.2	+0.4
234A	Clairette	95.40	58	P	P	08 46 44.4	+1.3
Z33A	Whitaker Ranch	95.44	56	P	P	08 46 43.7	+0.5
TRQA	Tornquist	95.45	135	eP	P	08 46 44.2	+0.8
S29A	Ulysses	95.51	51	P	P	08 46 44.2	+0.7
X32A	Elmer	95.51	55	P	P	08 46 43.9	+0.4
AGUA	GUANDACOL	95.53	125i	eP	P	08 46 45.0	+1.0
Q28A	Sharon Springs	95.62	50	P	P	08 46 44.8	+0.8
335A	Moody	95.66	58	P	P	08 46 44.8	+0.5
V31A	Spring Creek L	95.66	54	P	P	08 46 45.0	+0.7
134A	White-Moore Ra	95.67	57	P	P	08 46 45.0	+0.7

2010 DEC

T30A	Plains	95.69	52	P	P	08 46 45.4	+1.0
AVFE	Valle Fertil	95.70	127	eP	P	08 46 44.9	+0.2
637A	Eagle Lake	95.79	61	P	P	08 46 46.2	+1.4
W32A	Sentinel	95.83	54	P	P	08 46 45.6	+0.6
R29A	Marienthal	95.83	51	P	P	08 46 46.0	+1.0
P28A	Saint Francis	95.89	49	P	P	08 46 46.2	+0.9
U31A	Nine Bar Ranch	95.90	53	P	P	08 46 46.2	+0.9
WHXT	Lak Whitney	95.92	58	P	P	08 46 46.2	+0.8
436A	Wall Ranch, Ga	95.95	59	P	P	08 46 46.5	+0.9
S30A	Montezuma	95.98	52	P	P	08 46 46.1	+0.4
ACHE	Chepes	96.02	128	eP	P	08 46 46.7	+0.4
MRA	San Martin	96.04	129	eP	P	08 46 46.1	-0.1
537A	Green Hill Far	96.06	60	P	P	08 46 47.3	+1.2
O28A	Krutsinger Ran	96.11	49	P	P	08 46 47.1	+0.9
VCA	Vinchina	96.13	125	eP	P	08 46 47.5	+0.7
Q29A	Oakley	96.14	50	P	P	08 46 46.8	+0.4
X33A	Lawton	96.15	55	P	P	08 46 46.9	+0.5
J25A	Sunshine Ranch	96.17	45	P	P	08 46 47.9	+1.5
V32A	Araho	96.23	54	Pdiff	P	08 46 48.4	+1.6
OGNE	Ogallala	96.29	48	Pdiff	P	08 46 48.7	+1.7
OGNE	Ogallala	96.29	48	eP	P	08 46 48.2	+1.2
T31A	Randall Ranch,	96.33	52	Pdiff	P	08 46 48.7	+1.5
RSSD	Black Hills	96.34	45	eP	P	08 46 47.8	+0.5
RSSD	Black Hills	96.34	45	Pdiff	P	08 46 47.8	+0.5
RSSD	Black Hills	96.34	45	eP	P	08 46 47.8	+0.5
R30A	Dighton	96.39	51	Pdiff	P	08 46 48.2	+0.8
W33A	Caddo, Fort Co	96.42	55	Pdiff	P	08 46 49.1	+1.5
P29A	Atwood	96.48	50	Pdiff	P	08 46 48.8	+0.9
Y34A	Reagan Ranch,	96.48	56	Pdiff	P	08 46 49.3	+1.5
437A	Phantom Ranch,	96.49	59	Pdiff	P	08 46 49.0	+1.0
I25A	Rochoford	96.49	45	Pdiff	P	08 46 48.6	+0.7
N28A	Pribeño Ranch	96.51	49	Pdiff	P	08 46 49.0	+1.1
ULN	Ulaanbaatar	96.53	320	iP	P	08 46 47.8	-0.1
ULN	Ulaanbaatar	96.53	320	iP	P	08 46 48.5	+0.5
ULN	Ulaanbaatar	96.53	320	iP	P	08 46 50.0	
ULN	Ulaanbaatar	96.53	320	eP	P	08 46 48.0	+0.1
U32A	Winter Ranch,	96.53	53	Pdiff	P	08 46 49.3	+1.2
J26A	Sides Ranch, S	96.61	46	Pdiff	P	08 46 49.1	+0.8
Z36A	Katherine and	96.65	58	Pdiff	P	08 46 49.9	+1.3
X34A	Smith Ranch, M	96.68	55	Pdiff	P	08 46 50.2	+1.4
S31A	Mullinville	96.68	52	Pdiff	P	08 46 49.9	+1.1
ACLC	CERRO LA CRUZ	96.72	126i	eP	P	08 46 49.1	-0.3
Q30A	Quintero	96.72	51	Pdiff	P	08 46 49.9	+1.0
538A	Harpers Horsep	96.77	60	Pdiff	P	08 46 49.7	+0.5
O29A	4D Ranch, Culb	96.79	49	Pdiff	P	08 46 49.9	+0.7
NNA	Nana	96.82	106	P	P	08 46 51.1	+1.2
NNA	Nana	96.82	106	P	P	08 46 51.1	+1.2
NNA	Nana	96.82	106	P	P	08 46 51.1	+1.2
V33A	Lossen Ranch,	96.83	54	Pdiff	P	08 46 50.0	+0.6
136A	Ennis	96.83	58	Pdiff	P	08 46 50.3	+0.8
H25A	Frudale	96.84	44	Pdiff	P	08 46 49.9	+0.6
S0NM	Songino Array	96.91	319	P	P	08 46 48.5	-1.1
S0NM	Songino Array	96.91	319	P	P	08 48 50.5	-0.6
S0NM	Songino Array	96.91	319	P	P	08 50 53.6	-1.1
S0NM	Songino Array	96.91	319	P	P	09 03 28.5	-1.0
S0NM	Songino Array	96.91	319	P	P	09 11 40.6	-0.4
S0NM	Songino Array	96.91	319	P	P	08 46 48.5	-1.1
S0NM	Songino Array	96.91	319	P	P	08 48 50.5	-0.6
S0NM	Songino Array	96.91	319	P	P	08 50 53.6	-1.1
S0NM	Songino Array	96.91	319	P	P	08 46 49.3	-0.3
T32A	Huddler Ranch,	96.91	53	Pdiff	P	08 46 50.4	+0.6
R31A	Burdett	96.93	51	Pdiff	P	08 46 50.5	+0.6
M28A	Bar X Bar Ranc	96.93	48	Pdiff	P	08 46 50.4	+0.6
P30A	Selden	96.93	50	Pdiff	P	08 46 50.8	+0.9
W34A	Bridge Creek,	96.98	55	Pdiff	P	08 46 51.2	+1.1
W34A	Bridge Creek,	96.98	55	eP	P	08 46 51.1	+1.1
CBK5	Cedar Bluff	96.99	51	eP	P	08 46 51.8	+1.7
CBK5	Cedar Bluff	96.99	51	Pdiff	P	08 46 51.2	+1.0
CBK5							

28d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HFS, SVAN, SUE, KOPT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COAL, MUD, BZK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LFK, GMM, TIRR, etc.

1718

28d 9h

Table with columns: MYKA, Terra Mystica, 154.46 338, i PKPpdf, PKPpdf, 08 53 06.2 -0.4, etc. Lists various astronomical objects and their properties.

2010 DEC

Table with columns: LIS, PMRV, Marv???, 162.75, 20 ePKPpdf, PKPpdf, 08 57 56.0, etc. Lists astronomical objects and their properties.

1720

Table with columns: ISA, LRMC, Laurel Mountai, 1.30, 40, eSg, Sn, 08 37 27.1 +0.1, etc. Lists astronomical objects and their properties.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MRZ Mangatainoka R, CAW Cannon Point, QWZ Quartz Channel, etc.

ISCJB 28 09:21:39.2, 0.6, 43.29N, 0.06, 144.00E, 0.06, h139km, 4km, mb3.4/4, Error ellipse: s-maj=9.4km

JMA 28 09:21:40.8, 0.1, 43.30N, 143.96E, h134km, 1km, M3.0, IDC 28 09:21:42.7, 4.5, 43.78N, 144.00E, h142km, 12km, mb3.2/4, mb1 3.2/4, mb1mx2.9/5.3, mbtmp3.6/4, Error ellipse: s-maj=9.0km s-min=5.2km az=179.0

ISC 28 09:21:40.0, 0.9, 43.28N, 0.06, 143.99E, 0.05, h138km, 7km, n18, e0562/30, mb3.5/4, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JAR Ashorobuto, JOB Onbets, JAK Akkeshi, etc.

ISCJB 28 09:42:05.4, 0.7, 27.5N, 0.1, 140.82E, 0.09, h10km, mb3.7/7, Error ellipse: s-maj=16.9km s-min=10.3km az=25.9

IDC 28 09:42:05.8, 0.9, 27.49N, 140.92E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/4.0, mbtmp3.5/6, Error ellipse: s-maj=22.1km s-min=17.7km az=61.0

ISC 28 09:42:07.2, 0.9, 27.5N, 0.1, 140.9E, 0.1, h10km, n8, e050/9, mb3.6/7, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JCJ Chichijima, KLR Kuldur, WRA Warramunga Arr, etc.

ISCJB 28 09:55:51.6, 0.4, 70.74N, 0.03, 34.94E, 0.05, h6km, 6km, Error ellipse: s-maj=6.2km s-min=4.1km az=17.4

ISK 28 09:55:51.2, 4.0, 72N, 35.03E, h8km, MD2.6, DDA 28 09:55:51.1, 4.0, 71N, 34.93E, h7km, MD2.9

CSEM 28 09:55:52.0, 1.2, 40.72N, 0.02, 34.92E, h12km, MD2.9, Error ellipse: s-maj=6.4km s-min=3.9km az=107.0

ISC 28 09:55:52.0, 1.2, 40.73N, 0.02, 34.92E, 0.04, h14km, 11km, n27, e1502/41, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like COAL Corum-Alaca, BOYT Boyabat, HAVZ Havza, etc.

ISCJB 28 10:00:29.2, 0.6, 64.73N, 0.03, 30.64E, 0.10, h0km, Error ellipse: s-maj=6.1km s-min=3.7km az=9.8

HEL 28 10:00:30.6, 0.2, 64.71N, 30.70E, h0km, ML1.7, Explosion CSEM 28 10:00:30.5, 0.2, 64.72N, 30.65E, h2km, ML1.7, Error ellipse: s-maj=5.9km s-min=3.4km az=97.0, Mining explosion.

UPP 28 10:00:31.4, 3.2, 64.56N, 30.59E, h0km, ML1.8, Suspected explosion

BER 28 10:00:32.3, 2.9, 64.68N, 30.60E, h0km, ML2.2(NAO), Suspected explosion

NAO 28 10:00:33.2, 2.4, 64.80N, 30.63E, ML2.2, IDC 28 10:00:35.5, 1.9, 64.85N, 30.02E, h0km, mb1 3.0/4, mb1mx2.9/4.4, mbtmp3.0/4, ML2.6/4, Error ellipse: s-maj=24.8km s-min=10.8km az=110.5

ISC 28 10:00:39.8, 1.0, 64.72N, 30.63E, h0km, n48, e0967/71, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KU6 Aietki, KU6 Riekki, MSF Maaselka, etc.

SJUJ Sjuismarck, 3.92 286 P Pn 10 01 33.6 +1.6

ERTU Ertisjarv, 5.98 321 P Pn 10 01 33.6 +1.6

BURU Burvik, 4.01 272 P Pn 10 01 32.6 +0.2

UMAU Umeaa, 4.44 264 P Pn 10 01 38.2 -0.1

HEF Hetta, 4.65 326 eP Sn 10 01 42.0 +0.7

HEF Hetta, 4.65 326 eP Sn 10 01 41.9 +0.7

DUNU Dunderet, 4.80 305 P Pn 10 01 44.7 +1.4

HUSU Husum, 5.23 260 P Pn 10 01 49.5 +0.4

ARA0 ARCESS Array S, 5.24 340 Pn Pn 10 01 49.8 +0.4

ARA0 ARCESS Array S, 5.24 340 Pn Pn 10 02 49.0 -1.5

ARA0 ARCESS Array S, 5.24 340 Pn Pn 10 02 49.0 -1.5

ARA0 ARCESS Array S, 5.24 340 Pn Pn 10 02 49.0 -1.5

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like I43RU DUBNA INFRASON, HFS Hagfors, etc.

IDC 28 10:01:40.5, 71.0, 21.98S, 178.23E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/3.9, mbtmp3.6/3, Error ellipse: s-maj=1266.0km s-min=157.5km az=84.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

WEL 28 10:02:05.2, 1.0, 34.86S, 178.20E, h33km, ML3.8/3, Error ellipse: s-maj=17.4km s-min=7.3km az=90.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WMGZ Waioataitini S, PUZ Puketiti, URZ Urewera, etc.

IDC 28 10:12:06.0, 1.4, 27.34N, 143.46E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.4/5.2, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=20.5km s-min=20.3km az=141.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kuldur, etc.

IDC 28 10:13:55.1, 1.8, 4.60S, 146.20E, h0km, mb3.2/2, mb1 3.9/4, mb1mx3.6/4.3, mbtmp3.7/4, ML3.4/2, Error ellipse: s-maj=70.5km s-min=28.5km az=112.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

PGC 28 10:15:05.2, 0.0, 59.58S, 139.18W, h5km, ML2.2, 6.36km northeast of Yakutat, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PNL Peninsula, PCA Pinnacle, YUK7 D dusty Glacier, etc.

BUI 28 10:15:07.8, 5.1, 66N, 176.50W, h10km, mb4.8/26, mB5.0/20, Ms4.7/8, Ms7.4/3/11

IDC 28 10:15:07.4, 0.7, 51.42N, 176.46W, h0km, mb4.1/27, mb1 4.2/28, mb1mx4.1/6.3, mbtmp4.1/28, ML5.0/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/5.5, Error ellipse: s-maj=21.9km s-min=11.2km az=168.0

MOS 28 10:15:09.0, 9.5, 51.46N, 176.43W, h33km, mb4.6/26, Error ellipse: s-maj=11.8km s-min=8.7km az=78.8

NEIC 28 10:15:10.5, 5.1, 13N, 176.29W, h26km, mb4.7/38, ML4.3(AEIC), After AEIC

ISCJB 28 10:15:12.4, 0.3, 51.33N, 0.05, 176.37W, 0.04, h47km, mb4.4/53, MS3.5/3, Error ellipse: s-maj=17.6km s-min=3.0km az=165.4

ISC 28 10:15:14.1, 0.5, 51.32N, 0.08, 176.40W, 0.04, h47km, n190, e1922/178, mb4.5/53, MS3.4/3, 4C-1D, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ETKA Kagalaska Isla, ADAG Mount Adagadak, GSKC Great Sitkin C, etc.

28d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOFF, KOSE, AMKA, NIKH, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSAR, WJNY, Hailey, etc.

1722

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZRKN, FINES, TKM2, etc.

Technical information block containing station codes, names, and coordinates. Includes 'Code Station Name', 'Phase ID', and 'Time Res' columns.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 28 10:42:52.01.3, 19.745:0.09:68.9W:0.2, h104km, mb3.8/3, Error ellipse: s-maj=31.3km s-min=10.5km az=15.1

IDC 28 10:42:54.71.6, 19.925:68.80W, h120km, 15km, mb3.7/3, mb1 3.6/6, mb1mx3.4/30, mbtmp3.9/6, Error ellipse: s-maj=34.4km s-min=14.6km az=103.0

ISC 28 10:42:54.11.0, 19.835:0.09:68.8W:0.2, h104km, n7, s164.8, mb3.7/3, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, etc.

CSEM 28 10:48:52.9.0.5, 37.60N:27.06E, h15km, MD2.7, Error ellipse: s-maj=11.4km s-min=8.7km az=62.0

ISCJB 28 10:48:53.6.0.7, 37.60N:0.04:27.04E:0.06, h16km, 12km, Error ellipse: s-maj=8.6km s-min=4.9km az=142.8

ISK 28 10:48:53.1, 37.61N:27.13E, h27km, MD2.7

DDA 28 10:48:53.2, 37.61N:26.99E, h7km, MD2.7

ISC 28 10:48:53.1.0.9, 37.62N:0.03:27.06E:0.03, h16km, 6km, n20, s0.90/3, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcam?, DGB zmir, BDRM Kayabasi, etc.

NIED 28 10:55:00.27.10N:143.90E, h8km, Mw4.2 Best double couple: M2.010000*1015, NP2:9s112.00000*, s19.00000*, l-5.00000*, NP2:267.00000*, s88.00000*, l-109.00000*

JMA 28 10:55:00.2.0.6, 27.08N:143.89E, h17km, M4.5

IDC 28 10:55:51.3.1.8, 26.84N:143.17E, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.6/50, mbtmp3.9/6, ML3.8/2, MS3.4/2, Ms1 3.4/2, ms1mx2.6/56, Error ellipse: s-maj=41.9km s-min=24.1km az=76.0

ISC 28 10:55:51.6.1.4, 27.15N:0.08:143.7E:0.1, h10km, n16, s182/20, mb3.8/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, CJJ Chichijima, JCHJ Haha-jima-NKT, etc.

MAN 28 11:02:25.542N:126.75E, h134km, mb4.1, ML2.9, MS2.6, Mindanao

IDC 28 11:18:25.1.0.7, 27.06N:143.52E, h0km, mb3.9/13, mb1 4.1/15, mb1mx3.9/60, mbtmp3.9/15, ML3.0/2, Error ellipse: s-maj=19.4km s-min=15.8km az=78.0

NEIC 28 11:18:26.7.0.4, 27.14N:143.46E, h10km, mb4.3/3, Error ellipse: s-maj=12.0km s-min=10.0km az=62.0

ISCJB 28 11:18:28.0.5.2, 27.18N:0.06:143.50E:0.05, h33km,

mb4.0/16, Error ellipse: s-maj=9.3km s-min=6.2km az=155.3

JMA 28 11:18:28.1.0.2, 27.31N:143.42E, h67km, M4.2

ISC 28 11:18:30.5.0.7, 27.24N:0.07:143.37E:0.08, h35km, n29, s141/34, mb3.9/16, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, CJJ Chichijima, JCHJ Haha-jima-NKT, etc.

TAP 28 11:20:59.7.24.58N:122.82E, h114km, ML3.5, C

JMA 28 11:20:59.7.0.1, 24.56N:122.78E, h110km, 2km, M2.5

ISCJB 28 11:21:00.3.0.6, 24.52N:0.04:122.82E:0.02, h103km, 5km, Error ellipse: s-maj=7.1km s-min=2.8km az=171.1

ISC 28 11:21:00.4.1.5, 24.52N:0.06:122.81E:0.03, h106km, 9km, n43, s0.63/71, 1C-1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaka, YJNG Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNS Nan Shan, NSK Sanguang, NSK Sanguang, etc.

CHKT Chengkung, h218

CHKT Chengkung, h218

YUS Yu-Shan, h232

ALS Alishan, h234

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALS Matsuhiro, ELDTW Lidau, ELDTW Lidau, etc.

NIED 28 11:21:00.27.30N:143.70E, h5km, Mw4.2 Best double couple: M2.190000*1015, NP1:3s59.00000*, s16.00000*, l-2.240000*, NP2:9s112.00000*, s84.00000*, l-104.00000*

IDC 28 11:21:02.8.0.7, 27.08N:143.58E, h0km, mb4.0/16, mb1 4.2/18, mb1mx4.0/62, mbtmp4.0/18, ML3.6/2, Error ellipse: s-maj=17.4km s-min=15.0km az=165.0

JMA 28 11:21:04.3.0.3, 27.29N:143.67E, h26km, M4.7

NEIC 28 11:21:04.5.0.4, 27.11N:143.61E, h10km, mb4.4/7, Error ellipse: s-maj=9.4km s-min=8.3km az=57.0

ISCJB 28 11:21:08.6.0.6, 27.47N:0.04:143.47E:0.05, h33km, mb4.1/23, Error ellipse: s-maj=6.9km s-min=4.4km

ISC 28 11:21:08.6.0.6, 27.27N:0.07:143.37E:0.07, h35km, n42, s153/53, mb4.0/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CJJ Chichijima, etc.

DDA 28 11:33:24.3.34.98N:33.70E, h4km, Md3.2

ISK 28 11:33:25.6.3.4, 98N:33.73E, h14km, ML3.2

ISCJB 28 11:33:26.4.0.7, 34.97N:0.06:33.73E:0.03, h19km, 5km, Error ellipse: s-maj=9.5km s-min=4.2km az=176.7

NIC 28 11:33:26.6.3.4, 96N:33.73E, h10km, ML3.5, Felt I=III MM at Lamaca.

NIC Felt III MM at Lamaca.

CSEM 28 11:33:26.4.0.2, 34.97N:33.74E, h12km, ML3.2, Error ellipse: s-maj=5.1km s-min=2.3km az=170.0

ISC 28 11:33:26.6.0.9, 35.00N:0.04:33.72E:0.02, h15km, 7km, n51, s0.92/77, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PHNC Paralimni, PHNC Paralimni, LFK Lefkose, etc.

Table with columns: CSS, Prodromos, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSS Prodromos, MAMC Mammary, MAMC Mammary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, URZ Urewera, H1S12 WAKE ISLAND Hy, etc.

Table with columns: GERES GRESS Array B, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAST Lasithi, IMMV Iera Moni Meta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMMV Iera Moni Meta, THRS Thira Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APE Apeiranthos, BDRM Kayabasi, HMAT Matruh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SWA2, SWA2, HBRG Burjal Arab, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SWA2, SWA2, HBRG Burjal Arab, etc.

Table with columns: HDK1, KBZ, AKASA, GERES, EKA, TORD, MKAR, ZALV, YKA, ULM. Includes stations like HDK1 Dakha, KBZ Khabaz, AKASA Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OJC Ojcow, OJC Ojcow, OJC Ojcow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiadz, KSP Ksiadz, KSP Ksiadz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRG Berggiesshubel, BRG Berggiesshubel, PRA Prague, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOA Molin, MOA Molin, MOA Molin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIRN, GEVA, BTMNM, etc.

CSEM 28 13:20:16.9, 34.19N, 26.24E, h25km, MD3.5, After ATH

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR, LAST, NPS, etc.

IDC 28 13:47:26.7, 5.2, 19.81S, 167.61E, h0km, mb3.6/4,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, STKA, WRA, etc.

IDC 28 13:56:28.0, 7.5, 5.04S, 153.70E, h140km, mb3.2/6,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, etc.

ISK 28 14:02:40.5, 38.63N, 37.50E, h5km, MD2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DARE, CUGUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILLC, CUSAR, SCER, etc.

MOS 28 14:41:17.8, 1.2, 26.97N, 143.75E, h10km, mb4.3/19, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ, JCHJ, JHHJ, etc.

IDC 28 14:41:20.6, 27.05N, 143.77E, h73km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHHJ, JHU, etc.

ISC 28 14:41:23.8, 0.6, 27.03N, 143.73E, h10km, n77,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO, MAJO, MAJO, etc.

ISC 28 14:41:36.6, 1.3, 18.29S, 0.05, 70.8W, 0.1, h59km, 11km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJI, BJI, BJI, etc.

ISC 28 14:41:37.3, 2.5, 18.27S, 0.09, 70.8W, 0.2, h52km, 20km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCH, ARCH, ARCH, etc.

ISC 28 14:43:41.2, 6.4, 6.79S, 147.88E, h90km, 43km, mb3.4/3,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMO, WMO, WMO, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMO, WMO, WMO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV, ASAR, ASAR, etc.

ISC 28 14:43:41.2, 6.4, 6.79S, 147.88E, h90km, 43km, mb3.4/3,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

ISC 28 14:43:34.7, 3.1, 6.2S, 0.02, 147.9E, 0.5, h54km, n7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

28d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Springs, STKA Stephens Creek, JCJ Chichijima, TORO Torodi Ar. Bea.

CSEM 28 14:51:26.3, 46:31N:8:15E, h9km, MLO.6/7, After ZUR ZUR 28 14:51:26.3, 46:31N:8:15E, h9km, 1km, MLO.6/7, 10C, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIMPL Simplonpass, FIESA Fiescheralp, EMBD Emd, Matterra, MMK Matmark, LKBD Leukerbad, FUSIO Fusio, DIX Grande Dixence, BNALP Bannalp.

IDC 28 14:52:31.2, 1.1, 26:96N x 143:90E, h0km, mb3.6/10, mb1 3.9/11, mb1mx3.7/64, mbtmp3.6/11, ML4.0/1, Error ellipse: s-maj=26.1km s-min=19.7km az=159.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kul dur, CMAR Chiang Mai Arr, WRA Warramunga Arr, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea, SNAAS Sanae.

ISCJB 28 14:54:31.6, 1.1, 15:35S:0:07:167:4E:0:2, h124km, mb3.7/8, Error ellipse: s-maj=30.8km s-min=10.0km az=2.1

IDC 28 14:54:33.2, 5.7, 15:41S:167:57E, h131km, 58km, mb3.6/8, mb1 3.7/9, mb1mx3.5/44, mbtmp4.0/9, MS3.5/1, Ms1 3.5/1, ms1mx2.6/30, Error ellipse: s-maj=51.0km s-min=27.1km az=148.0

ISC 28 14:54:32.4, 1.2, 15:35S:0:10:167:6E:0:3, h124km, n11, c0:70/10, mb3.7/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, JOW Kunigami, KLR Kul dur, CMAR Chiang Mai Arr, ILAR Eielson Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ARCES ARCES Array B.

ISCJB 28 14:56:16.9, 0.8, 27:1N:0:1:143:71E:0:08, h10km, mb3.6/7, Error ellipse: s-maj=15.1km s-min=10.7km az=172.9

IDC 28 14:56:16.9, 0.8, 27:03N:143:66E, h0km, mb3.6/7, mb1 3.9/8, mb1mx3.6/64, mbtmp3.6/8, ML3.8/1, Error ellipse: s-maj=20.4km s-min=18.7km az=135.0

ISC 28 14:56:18.4, 0.9, 27:0N:0:1:143:64E:0:09, h10km, n10, c1:126/11, mb3.7/7, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kul dur, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arr.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, INK Inuvik, NVAR Mina Array Bea, LPAZ La Paz.

ISCJB 28 15:00:17.4, 1.1, 36:36N:0:07:70E:0:2, h100km, Error ellipse: s-maj=18.8km s-min=5.9km az=155.4 NNC 28 15:00:33.0, 4.6, 37:47N:71:60E, h250km, 62km, mb2.7, mpv4.0, Error ellipse: s-maj=48.5km s-min=34.0km az=26.0

ISC 28 15:00:16.8, 1.3, 36:43N:0:06:70E:0:1, h100km, n23, c2:34/20, 4C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, MNAS Manas, UCH Uchter, KZA Zhetysay, EKS2 Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, AAK Karagaybulak, USP Oshpenovka, TKM2 Tokmak 2, DMN Damnan, KKN Kakani, AB31 Akbulak array, PKIN Pulchokli, PKI Pulchokli, GUN Gumba, JIRN Jiri, RAMM Ramite, AKTO Aktyubinsk, ODAN Odare.

IDC 28 15:00:48.5, 1.3, 39:38S:168:01E, h0km, mb4.2/7, mb1 4.5/8, mb1mx4.1/22, mbtmp4.2/8, ML4.1/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/27, Error ellipse: s-maj=49.6km s-min=21.2km az=142.0

NEIC 28 15:00:49.0, 0.7, 19:44S:168:04E, h10km, mb4.4/3, Error ellipse: s-maj=22.1km s-min=11.7km az=140.0

ISCJB 28 15:00:51.3, 1.0, 19:49S:0:09:168:0E:0:2, h26km, mb4.2/8, Error ellipse: s-maj=22.3km s-min=9.7km az=25.3

AUST 28 15:01:17.1, 17.0, 20:64S:166:66E, h123km, Error ellipse: s-maj=3.0km s-min=1.7km az=354.0

ISC 28 15:00:52.9, 1.0, 19:55S:0:1:167:9E:0:2, h26km, n25, c1:144/23, mb4.2/8, 3C-1D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM DZM, RMZ Roma, CTA Charters Tower, CTAO Charters Tower, CNB Canberra Magne, QLP Quilpie, CMSA Cobar Meteorol, COEN Coen, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, WRKA Warakuma, KNRA Kunurra, UNLU Ulanbaatar, SONMI Songoing Array, NVAR Mina Array Bea, ILAR Eielson Array, YKA Yellowknife Arr, GERES GERES Array B, MOA Molin, SOKA Soboth, MYKA Terra Mystica, FETA Feichten, TORO Torodi Ar. Bea.

ISCJB 28 15:02:35.0, 4.0, 57:38S:0:07:24W:0:1, h10km, mb4.6/14, MS4.5/16, Error ellipse: s-maj=15.2km s-min=8.8km az=144.9

IDC 28 15:02:36.1, 0.6, 57:30S:24:68W, h0km, mb4.5/11, mb1 4.6/11, mb1mx4.5/22, mbtmp4.5/11, MS4.5/16, Ms1 4.5/16, ms1mx4.4/21, Error ellipse: s-maj=20.2km s-min=18.3km az=175.0

NEIC 28 15:02:42.0, 2.0, 57:42S:24:43W, h40km, 18km, mb4.7/5, Error ellipse: s-maj=15.6km s-min=11.0km az=217.0

GCMT 28 15:02:42.0, 2.0, 57:55S:24:14W, h12km, MW5.2/96, Moment Tensor Solution, s67:c99; s96:c165; Duration: 0 Moment tensor: Scale 10^16Nm; Mw:5.9; 11; Mw:0.3; 13; Mw:5.2; 10; Mw:2.2; 37; Mw:1.8; 6; 09;

1728

Mw:2.5; 30; Best double couple: Mw:6.65200x10^16 NP1:9p:330.00000; 860.00000; 1.78.00000; NP2: 9p:173.00000; 832.00000; 1.110.00000; Principal axes: T 6.6170, P1g27.00000, Azm212.00000; N 0.0700, P1g10.00000; Azm336.00000; P -6.6870, P1g14.00000, Azm69.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. BUJ 28 15:02:46.0, 58:10S:25:20W, h84km, mb5.5/4, Ms5.5/3, Ms7.4/8, Error ellipse: s-maj=18.8km s-min=5.9km az=155.4

ISC 28 15:02:37.2, 0.5, 57:45S:0:1:247W:0:1, h10km, n53, c1:193/39, mb4.7/13, MS4.6/17, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, EFI East Falkland, PMSA Palmer Station, PMSA Palmer Station, SYO Syowa Base, PLCA Paso Flores, PLCA Paso Flores, MAW Mawson, CPUP Villa Florida, BOSA Boshof, BOSA Boshof, BDFB Brasilia, VVDA Vanda, VVDA Vanda, LVC Limon Verde, LBTB Lobatse, LPAZ La Paz, LPAZ La Paz, SAML Samuel, LSZ Lusaka, DBIC Dimbokro, DBIC Dimbokro, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, ROSC El Rosal, KMBO Kilima Mbogo, RKT Rikitea, TAM Tamarassat, TBI Tbuai, STKA Stephens Creek, STKA Stephens Creek, PPT2 Papeete2, PPT Papeete, KEST Kesra, ASAR Alice Springs, ASAR Alice Springs, ESDC Sonseca Array, WRA Warramunga Arr, CLL Collim, CLL Lusaka, CLL Lusaka, CLL Collim, PDAR Pinedale Array, NVAR Mina Array Bea, CMAR Chiang Mai Arr, FINES FINESS Array B, ABKAR Abkar Array, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, BVAR Borovoye Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURK Kurchatov, WMQ Urumqi, YKA Yellowknife Arr, NJ2 Nihoa, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, ILAR Eielson Array, CN2 Changchun.

MEX 28 15:04:43.7, 0.3, 26:98N:111:44W, h17km, 62km, MD4.2, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, HSG HSG, HSG HSG.

ISCJB 28 15:09:56.1+1.2,26.78N:0.1+144.2E:0.1,h10km,mb3.4/4,
 Error ellipse: s-maj=21.2km s-min=13.5km az=34.8
 IDC 28 15:09:56.6+2.2,26.67N:144.22E:h0km,mb3.5/4,
 mb1 3.6/5,mb1mx3.4/46,mbtmp3.5/5,ML3.5/1,Error
 ellipse: s-maj=63.6km s-min=22.1km az=68.0
 ISC 28 15:09:58.5+1.5,26.77N:0.2+144.1E:0.2,h10km,n6,
 r1529/7,mb3.7/4, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
JCJ	Chichijima	1.71	283	Pn			15 10 29.1	+0.7
JCJ							15 10 49.4	-0.9
MJAR	Matsushima	0.99	335	Pn			15 12 34.9	-0.9
WRA	Warrungarra Arr	47.32	192	P			15 18 32.9	+0.4
ASAR	Alice Springs	51.03	267	P			15 18 59.4	-1.5
MKAR	Makanchi Array	52.00	310	P			15 19 09.4	+1.4
KURBB	Kurchatov Arra	54.50	315	P			15 19 26.9	+0.6

IDC 28 15:16:32.2+12.0,19.42S:-167.67E,h0km,mb3.5/3,
 mb1 3.7/4,mb1mx3.5/36,mbtmp3.5/4,ML3.2/1,Error
 ellipse: s-maj=212.2km s-min=39.9km az=83.0,Vanuatu
 Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
DZM	Mont Dzumac	2.88	203	Pn			15 17 18.5	-1.0
DZM							15 17 55.1	0.0
STKA	Stephens Creek	26.51	237	P			15 22 13.2	+1.7
WRA	Warrungarra Arr	31.36	263	P			15 22 54.1	-0.8
ASAR	Alice Springs	31.65	256	P			15 22 57.3	-0.1

IDC 28 15:18:20.8+0.8,38.94N:110.67E,h0km,mb3.7/11,
 mb1 4.1/12,mb1mx3.7/46,mbtmp3.8/12,ML3.2/1,MS4.3/5,
 Ms1 4.3/5,mb1mx3.2/57,Error ellipse: s-maj=23.7km
 s-min=15.5km az=67.0

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
SOMM	Songino Array	9.44	342	Pn			15 20 35.3	-1.8
SOMN							15 22 24.5	+2.4
SOMM							15 23 17.4	
KRSR	Korea Array	13.68	247	LR			15 27 26.1	
MKAR	Makanchi Array	22.16	300	P			15 23 15.9	-0.3
TAPN	Taplejung	22.35	246	P			15 23 20.7	+1.9
CMAR	Chiang Mai Arr	22.79	210	P			15 23 23.2	+0.2
ODAN	Odare	22.87	245	P			15 23 23.8	-0.4
ZALV	Zalesovo Beam	23.13	319	P			15 23 25.9	-0.4
JIRN	Jiri	23.28	249	P			15 23 29.3	+1.0
GUN	Gumba	23.35	249	P			15 23 29.9	+0.8
RAMN	Ramite	23.38	247	P			15 23 28.6	-0.8
KKN	Kakani	23.85	250	P			15 23 34.6	+0.8
PKI	Pulchoki	23.88	249	P			15 23 34.6	+0.4
PKIN	Pulchoki	23.89	249	P			15 23 34.7	+0.5
DMN	Daman	24.08	250	P			15 23 36.2	+0.2
JHJ	Hachiojima 2	24.19	95	LR			15 32 55.6	
KOLJ	Koldanda	25.10	252	P			15 23 45.4	+0.2
KURBB	Kurchatov Arra	25.44	308	P			15 23 46.6	-1.1
GEYT	Alibek	40.70	266	P			15 26 01.0	+0.3
ILAR	Eielson Array	60.45	29	P			15 28 29.8	+0.5
WRA	Warrungarra Arr	62.61	155	P			15 28 44.4	+0.1
ASAR	Alice Springs	65.95	157	P			15 29 05.9	-0.2
GERES	GERES Array B	65.97	314	P			15 29 05.5	-0.8
DAVOX	Davos/Dischmat	69.26	314	LR			16 02 33.7	
YKA	Yellowknife Arr	72.60	20	P			15 29 46.4	-0.4
ELK	Elko	90.33	33	LR			16 15 12.0	
NVAR	Mina Array Bea	90.86	36	P			15 31 24.7	+0.9
PDAR	Pinedale Array	90.89	28	LR			16 17 00.1	

ISCJB 28 15:25:08.4+0.7,77.4N:0.1+125.3E:0.5,h10km,mb3.5/8,
 Error ellipse: s-maj=18.3km s-min=15.0km az=139.0
 IDC 28 15:25:09.2+0.7,77.59N:124.32E:h0km,mb3.6/8,
 mb1 3.8/9,mb1mx3.5/53,mbtmp3.6/9,ML3.4/1,Error
 ellipse: s-maj=31.0km s-min=18.5km az=152.0

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
YAK	Yakutsk	15.51	172	Pn			15 28 47.9	-0.6
ARCES	ARCES Array B	25.84	307	P			15 30 39.6	-1.5
ILAR	Eielson Array	27.73	67	P			15 30 59.2	+1.1
KURBB	Kurchatov Arra	32.03	241	P			15 31 38.0	+1.7
MKAR	Makanchi Array	35.01	235	P			15 32 01.4	-0.9
YKA	Yellowknife Arr	35.77	44	P			15 32 06.4	-0.8
BRTR	Bruno Array B	51.98	282	P			15 34 19.7	+0.5
TXAR	Lajitas Array	68.52	45	P			15 36 19.0	+0.3
TORD	Torodi Arr. Bea	84.15	305	P			15 37 41.2	+0.1

SJA 28 15:31:28.7+0.2,24.06S:67.04W,h210km,12km,ML1.9,
 MW2.6
 ISCJB 28 15:31:01.2,24.04S:0.07-67.18W:0.05,
 h180km,13km,Error ellipse: s-maj=12.5km s-min=5.5km
 az=30.0

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
GUC	GUC 28 15:31:32.4+0.4,23.84S:67.57W,h210km,10km,ML3.8							
GUC	GUC 28 15:31:29.5+2.5,24.08S:0.08-67.14W:0.06, h197km,23km,n14,r1939/25,6C-2D,Chile-Argentina border region							
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
SLA	San Lorenzo	1.62	114	eP			15 32 04.7	+0.4
SLA							15 32 05.3	
SLA							15 32 30.9	-0.3

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
HJA	Humahuaca	1.81	62	eP			15 32 06.9	+0.5
HJA							15 32 34.4	-0.4
AZAP	Zapla	1.90	95	eP			15 32 07.0	-0.1
LVC	Limon Verde	2.18	312	iP			15 32 36.0	-0.2
LVC	Limon Verde	2.18	312	iP			15 32 11.5	+1.5
LVC							15 32 41.1	+1.5
FSA	Cafayete	2.25	153	eP			15 32 11.3	+0.6
FSA							15 32 13.3	

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
BP06	IPOC Station P	2.62	301	iP			15 32 16.0	+1.3
BP06							15 32 49.1	-0.9
BP06							15 32 58.1	+0.4
BP09	IPOC Station P	2.98	319	iP			15 32 21.0	+1.9
BP09							15 32 58.1	+0.4
BP09							15 32 59.0	
BP10	IPOC Station P	3.18	279	iP			15 32 22.2	+1.1
BP10							15 32 59.7	-1.7
BP10							15 33 07.4	
BP04	IPOC Station P	3.27	301	iP			15 32 23.5	+1.1
BP04							15 33 01.6	-2.1
BP07	IPOC Station P	3.45	312	iP			15 32 25.5	+0.9
BP07							15 33 05.8	-1.9
BP07							15 33 07.7	
BP01	IPOC Station P	3.72	324	iP			15 32 28.9	+1.1
BP01							15 33 11.7	-1.8
BP01							15 33 12.6	
HMBC	Humberstone	4.56	326	eS			15 33 30.7	-1.8
HMBC							15 33 36.0	
BP11	IPOC Station P	4.89	331	iP			15 32 44.1	+1.5
BP11							15 33 38.0	-2.2

IDC 28 15:39:20.6+2.3,19.47S:168.02E,h0km,mb3.7/3,
 mb1 4.0/4,mb1mx3.7/27,mbtmp3.7/4,ML3.5/1,MS3.4/2,
 Ms1 3.4/2,mb1mx2.9/33,Error ellipse: s-maj=62.3km
 s-min=28.5km az=124.0,Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
DZM	Mont Dzumac	2.98	209	Pn			15 40 09.5	+0.3
DZM							15 40 43.8	
DZM							15 40 45.8	0.0
WRA	Warrungarra Arr	31.68	263	P			15 45 45.7	-0.4
ASAR	Alice Springs	31.95	256	P			15 45 48.6	+0.2
FITZ	Fitzroy Crossi	40.07	265	LR			16 00 54.6	
ILAR	Eielson Array	90.79	18	P			15 52 25.2	0.0

ISK 28 15:44:41.2,37.90N:29.06E,h3km,MD2.7
 DDA 28 15:44:41.8,37.92N:29.07E,h7km,MD2.9
 CSEM 28 15:44:40.2,37.92N:29.10E,h2km,MD2.7,Error
 ellipse: s-maj=5.6km s-min=4.5km az=80.0
 ISC 28 15:44:42.1,2.3791N:0.032970E:0.03,h4km,12km,
 n21,r0939/32,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
UZP	Denizli	0.15	33	P			15 44 50.0	-0.2
UZP							15 44 47.7	+0.4
DENT	Denizli	0.15	191	eP			15 44 45.0	-0.3
DENT	Denizli	0.15	191	eP			15 44 45.0	-0.3
KHAL	Karahalli	0.57	35	P			15 45 00.5	-0.1
KHAL	Karahalli	0.57	35	P			15 44 52.7	-0.5
KHAL	Karahalli	0.57	35	P			15 45 00.5	-0.1
KULA	Kula-Manisa	0.69	332	eP			15 44 55.1	-0.3
KULA	Kula-Manisa	0.69	332	eP			15 44 55.1	-0.3
MANT	Manisa	0.71	325	P			15 45 05.9	+0.8
MANT	Manisa	0.71	325	P			15 44 55.6	-0.3
MANT	Manisa	0.71	325	P			15 45 05.9	+0.8
GOLH	Golhisar	0.77	150	P			15 44 56.9	-0.1
GOLH	Golhisar	0.77	150	P			15 44 56.9	-0.1
GOLH	Golhisar	0.77	150	P			15 45 09.1	-0.1
GLHS	Ghisar (BURDU)	0.82	155	eP			15 44 57.7	-0.2
GLHS	Ghisar (BURDU)	0.82	155	eP			15 44 57.7	-0.2
ALYB	Zeytinokoy-Aydi	0.94	273	eP			15 44 59.6	-0.5
AYDB	Zeytinokoy-Aydi	0.94	273	eP			15 44 59.6	-0.5
AYDB	Zeytinokoy-Aydi	0.94	273	eP				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations and their coordinates and phases.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations near coast of Guerrero.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the 2010 DEC section.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the 2010 DEC section.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the 2010 DEC section.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in the 1730 section.

Table with columns: WRA, MLR, MLR, and station data including names like Kakadu, Manton Dam, Warakuma, etc.

Table with columns: TPNV, pmax, pmax, and station data including names like Topopah Spring, Sheep Range, Kores Array, etc.

Table with columns: station data including names like Changchun, Newpor, Ahid, etc.

28th 17h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ENH, EDM, GYA, RSD, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRVK, KJAR, KKRK, etc.

1732

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GEC2, GERES, CONA, etc.

28d 21h

Table with columns: MTN, KNRA, WRA, ASAR, ASAR, MKAR, KURBB. Includes station names, coordinates, and time/res data.

MAN 28-21:07.15, 41.42N, 119.95E, h29km, mb4.3, ML3.2, MS3.0, 2C, Luzon. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 28-21:07.38, 5.1, 2.5017N, 114.89W, h0km, mb2.92, mb1 3.5/5, mb1mx3.3/49, mbmtpp3.1/5, ML2.9/3, Error ellipse: s-maj=27.9km s-min=12.1km az=94.0, Alberta. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

CSEM 28-21:11:04.9, 42.772N, 44.46E, h0km, ML2.0, After TIF

TIF 28-21:11:04.9, 42.772N, 44.46E, h24km, 2km, Western

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUDG, DUS, ONI, DGRG.

IDC 28-21:19:34.5, 2.7, 26.63N, 143.79E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/37, mbmtpp3.5/3, Error ellipse: s-maj=65.6km s-min=22.7km az=49.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ, WRA, ASAR, MKAR.

GUC 28-21:23:57.8, 0.5, 21.18S, 68.73W, h142km, 4km, ML3.5, 5C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB01, PB09, PB07, PB06, PB04.

IDC 28-21:41:46.6, 0.7, 8.41N, 102.97W, h0km, mb4.3/18, mb1 4.8/19, mb1mx4.4/43, mbmtpp4.4/19, ML3.2/2, MS4.8/25, Ms1 4.8/25, ms1mx4.7/38, Error ellipse: s-maj=28.3km s-min=11.0km az=56.0

ISCJB 28-21:41:46.8, 0.3, 8.44N, 0.04x102.68W, 0.4, h10km, mb5.0/88, MS4.9/30, Error ellipse: s-maj=6.4km s-min=5.1km az=140.7

MOS 28-21:41:46.3, 1.3, 8.34N, 102.83W, h10km, mb5.3/23, Error ellipse: s-maj=15.3km s-min=6.1km az=105.4

GCMT 28-21:41:48.4, 0.2, 8.48N, 103.06W, h12km, 225, 4/114, Moment Tensor Solution. s80, c129, s114, c225

Duration: 1s3 Moment tensor: Scale 10^17Nm; M1=0.30e-03; M2=0.91e-03; M3=0.61e-03; Me=0.47e-06; Mw=1.57e-02; Ms=0.26e-02. Best double couple: M1: 8.08000x10^17 Np1: 0.25600000, 882.00000, 1.70.00000, NP2: 0.34800000, 880.00000, 1.8.00000. Principal axes: T 2.02000, Plg13.00000, Azm212.00000; N -0.42500, Plg77.00000, Azm39.00000; P -1.59500, Plg2.00000, Azm302.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. NEIC 28-21:41:48.4, 0.6, 8.34N, 102.80W, h10km, mb5.1/71 Error ellipse: s-maj=15.4km s-min=6.9km az=49.0 BUI 28-21:41:50.0, 8.40N, 102.70W, h12km, mb5.7/7, Ms5.6/7,

2010 DEC

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H06S1, H06E1, PAYG, SLEBS, LPIG, JTS, JTS, JTS, JTS, TEIG, TEIG, 035Z, 034A, 035A, 933A, 934A, 936A, 832A, 834A, 834A, 835A, 732A, 733A, 734A, LTX, LTX, LTX, TX31, TXAR, TXAR, TXAR, 735A, 631A, 737A, 736A, 632A, 633A, 634A, 635A, 636A, 530A, 531A, 530A, 532A, 637A, 533A, 534A, 535A, JCT, JCT, JCT, JCT, 536A, 431A, 537A, HKT, HKT, 433A, 432A, 434A, 538A, 435B, 331A, 539A, 330A, 436A, 332A, 333A, 437A, 434A, 438A, MNXT, MNXT, 335A, 330A, 439A, 231A, 336A, 332A, 333A, 319A, 337A, 430A, 233A.

1738

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like 234A, 338A, WHTX, WHTX, 339A, 130A, 236A, 131A, ABTX, ABTX, 133A, 340A, 237A, 121A, 134A, NATX, 135A, 238A, 136A, 239A, Z30A, TUC, TUC, TUC, 231A, 137A, Z32A, Z33A, 214A, 138A, Z34A, Z35A, Y30A, MSTX, MSTX, MSTX, Y31A, Z37A, Y32A, Y33A, Z38A, Y22D, BNM, Y35A, X30A, Y36A, LAZ, 113A, X31A, Y37A, X33A, X35A, X34A, ANMO, ANMO, ANMO, ANMO, Y39A, X36A, X18A, W31A, W32A, GLA, GLA, GLA, X37A, X16A, Y14A, SWSC, X38A, W35A, BAR, W36A, W18A, MONP, V31A, MIAR, MIAR, MIAR, V32A, EML.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like W38A Poteau, BC3 Big Chuckawall, PDMCO Parker Dam, Lak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Q39A Willow Grove F, O33A Hebron, R11A Tro Canyon, C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like D30A Buchanan, E36A McGregor, D34A Par Rapids, etc.

28d 21h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Eielson Array, McKinley, Wood River Hill, Clear Creek Bu, Thorafore Moun, etc.

2010 DEC

BGR 28:21:43:50.2, 20:34S:169:163E, h35km, 2km
NEIC 28:21:43:50.1, 0.7, 19:39S:168:01E, h10km, 4km, mb5.4/102,
Error ellipse: s-maj=5.1km s-min=4.1km az=158.0

Code Station Name Az AzZ Phase ID Time Res
DZM Mont Dzumac 2.95 211 Op ISC
DZM 42nm,0.3s,baz=189,slow=1.6,SNR=95 Pn 21 44 37.1 -0.4

Main table for 2010 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, DZM, etc.

1740

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BBOO, WRB, WC3, WRAB, WRAB, WRAB, etc.

BUI 28:21:43:48.7, 18:99S:168:26E, h6km, mb5.0/49, mb5.4/45,
M5.2/40, M5.7/40
IDC 28:21:43:48.2, 0.4, 19:37S:168:03E, h0km, mb4.8/25,
mb1.4/9.2, mb1mx4.9/31, mbtmp4.8/27, ML4.7/2, MS4.5/13,
M5.1/4.5/13, ms1mx4.2/33, Error ellipse: s-maj=14.0km
s-min=12.6km az=140.0

PEA0 Petropavlovsk- 72.91 353 eP P 21 55 19.1 +0.3
PETK Petropavlovsk- 72.91 353 P P 21 55 18.7 -0.1
PETK Petropavlovsk- 72.91 353 P P 21 55 18.7 -0.1

28d 21h

2010 DEC

1742

Table of astronomical observations for 2010 DEC, 28d 21h. Columns include object name (e.g., D08A, BMO, BMO), coordinates (RA, Dec), magnitude, and other parameters.

Table of astronomical observations for 2010 DEC, 2010 DEC. Columns include object name (e.g., ARAO, ARCES, KLMR), coordinates (RA, Dec), magnitude, and other parameters.

Table of astronomical observations for 2010 DEC, 1742. Columns include object name (e.g., KHC, KHC, ROTZ), coordinates (RA, Dec), magnitude, and other parameters.

Additional notes and data for the 1742 observations, including object names like DZM, DZM, DZM and various coordinates and magnitudes.

Table with 4 columns: Station Name, Time, Res, and other details. Includes YKA Yellowknife Ar and NVAR Mina Array Bea.

ISCJB 28 22:23:31.1-0.9, 27.0N:02:143:51E:0:08, h10km, mb3.6/7, MS3.3/1, Error ellipse: s-maj=22.1km s-min=10.2km az=173.5

IDC 28 22:23:31.1-0.9, 27.07N:143:44E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/46, mbtmp3.6/6, ML3.6/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/46, Error ellipse: s-maj=25.7km s-min=21.5km az=149.0

ISC 28 22:23:32.7-0.9, 27.11N:01:143:42E:0:10, h10km, n11, 0568/11, mb3.6/7, Bonin Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like Chichijima, Matsushiro Arr, and WRA Warrungarra Arr.

IDC 28 22:28:00.7-1.7, 19:31S:167:89E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/40, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=58.4km s-min=30.3km az=145.0, Vanuatu Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like DZM Mont Dzumac and WRA Warrungarra Arr.

IDC 28 22:32:45.7-3.4, 6:52S:149:75E, h0km, mb2.8/1, mb1 3.3/3, mb1mx3.2/40, mbtmp3.1/3, ML3.3/1, Error ellipse: s-maj=141.6km s-min=36.6km az=121.0, New Britain region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like PMG Port Moresby and WRA Warrungarra Arr.

IDC 28 22:35:12.4-3.0, 4:88S:101:75E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/44, mbtmp3.6/5, Error ellipse: s-maj=103.2km s-min=27.7km az=53.0, Southern Sumatra

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like H08S2 Diego Garcia H and WRA Warrungarra Arr.

DDA 28 22:35:49.2-1.2, 37:95N:29:07E, h5km, Md2.7, ISCJB 28 22:35:49.2-1.2, 37:95N:0:05-29:07E:0:05, h2km, 8km, Error ellipse: s-maj=9.3km s-min=6.5km az=152.3

CSEM 28 22:35:49.2-1.2, 37:96N:29:09E, h8km, MD2.7, Error ellipse: s-maj=12.8km s-min=6.7km az=140.0

ISC 28 22:35:49.2-1.2, 37:96N:0:05-29:10E:0:04, h10km, 8km, n13, 0560/26, Turkey

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like UZP Denizli and KHAL Karahalli.

IDC 28 22:44:04.1-4.9, 36:40N:70:77E, h180km, 44km, mb3.2/5, mb1 3.3/6, mb1mx2.9/41, mbtmp3.6/6, Error ellipse: s-maj=54.8km s-min=36.9km az=133.0

ISCJB 28 22:44:05.0-6.0, 36:67N:0:05-70:9E:0:1, h200km, mb3.3/5, Error ellipse: s-maj=12.0km s-min=6.2km az=155.7

NNC 28 22:44:12.1-5.2, 37:09N:70:69E, h168km, 117km, mb2.4, mpv3.2, Error ellipse: s-maj=54.8km s-min=32.3km az=13.0

ISC 28 22:44:06.5-0.9, 36:71N:0:08-71:0E:0:1, h200km, n19, 0158/23, mb3.5/3, AC-2D, Hindu Kush region

Table with 4 columns: Code, Station Name, Time, Res. Includes station MNAS Manas.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like MNAS Manas and KK31 Karatay Arr.

ISCJB 28 22:44:21.5-0.8, 27:0N:01:143:61E:0:08, h10km, mb3.6/8, Error ellipse: s-maj=15.6km s-min=10.6km az=174.9

IDC 28 22:44:21.8-0.8, 27:02N:143:56E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/45, mbtmp3.7/9, ML3.9/1, Error ellipse: s-maj=22.9km s-min=19.0km az=104.0

ISC 28 22:44:23.3-1.0, 27:0N:01:143:51E:0:09, h10km, n10, 0574/11, mb3.7/8, Bonin Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like Chichijima and Matsushiro Arr.

ISCJB 28 22:46:37.7-0.7, 31:31S:0:03-68:89W:0:04, h10km, 7km, Error ellipse: s-maj=6.9km s-min=3.6km az=36.0

SJA 28 22:46:37.3-1.3, 31:30S:68:86W, h109km, 6km, ML3.4, MW3.3

GUC 28 22:46:38.0-0.4, 31:27S:69:14W, h150km, ML3.7

ISC 28 22:46:38.1-4.1, 31:31S:0:04-68:89W:0:04, h105km, 10km, n20, 0585/37, AC, San Juan Province

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like RTLL Cerro Villucun and Cerro Valdivia.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like APPL PUNTA DE LOS L and PEL Peledhue.

IDC 28 22:47:20.4-1.4, 26:80N:143:62E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/43, mbtmp3.9/9, ML3.0/2, Error ellipse: s-maj=43.3km s-min=19.1km az=76.0

ISCJB 28 22:47:23.5-0.9, 26:88N:0:10-143:67E:0:07, h33km, mb3.8/7, Error ellipse: s-maj=14.4km s-min=9.3km az=177.8

JMA 28 22:47:23.7-0.1, 27:33N:143:54E, h21km, M3.4

ISC 28 22:47:25.9-1.2, 27:0N:01:143:65E:0:1, h35km, n13, 0153/14, mb3.9/7, Bonin Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CBJ Chichi jima and JCH Chichijima.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like JHHU Hitachi and MJAR Matsushiro Arr.

ISCJB 28 22:49:25.8-0.8, 37:71N:0:06-76:84E:0:06, h10km, mb3.5/5, Error ellipse: s-maj=9.5km s-min=6.9km az=163.7

IDC 28 22:49:25.1-1.1, 37:52N:76:97E, h0km, mb3.6/5, mb1 3.7/11, mb1mx3.5/44, mbtmp3.5/11, ML3.2/6, Error ellipse: s-maj=26.8km s-min=19.6km az=79.0

BJI 28 22:49:27.0, 37:52N:76:94E, h10km, ML3.8/7, Ms3.6/2, Ms7.3/2

NNC 28 22:49:29.6-3.4, 37:73N:76:95E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=27.4km s-min=19.7km az=13.0

ISC 28 22:49:26.5-1.0, 37:50N:0:08-76:94E:0:06, h10km, n28, 0199/31, mb3.6/5, 12C-8D, Southern Xinjiang

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like KSH Kashi and UCH Uchot.

ISCJB 28 22:46:37.7-0.7, 31:31S:0:03-68:89W:0:04, h10km, 7km, Error ellipse: s-maj=6.9km s-min=3.6km az=36.0

SJA 28 22:46:37.3-1.3, 31:30S:68:86W, h109km, 6km, ML3.4, MW3.3

GUC 28 22:46:38.0-0.4, 31:27S:69:14W, h150km, ML3.7

ISC 28 22:46:38.1-4.1, 31:31S:0:04-68:89W:0:04, h105km, 10km, n20, 0585/37, AC, San Juan Province

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like RTLL Cerro Villucun and Cerro Valdivia.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like APPL PUNTA DE LOS L and PEL Peledhue.

IDC 28 22:47:20.4-1.4, 26:80N:143:62E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/43, mbtmp3.9/9, ML3.0/2, Error ellipse: s-maj=43.3km s-min=19.1km az=76.0

ISCJB 28 22:47:23.5-0.9, 26:88N:0:10-143:67E:0:07, h33km, mb3.8/7, Error ellipse: s-maj=14.4km s-min=9.3km az=177.8

JMA 28 22:47:23.7-0.1, 27:33N:143:54E, h21km, M3.4

ISC 28 22:47:25.9-1.2, 27:0N:01:143:65E:0:1, h35km, n13, 0153/14, mb3.9/7, Bonin Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CBJ Chichi jima and JCH Chichijima.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like JHHU Hitachi and MJAR Matsushiro Arr.

ISCJB 28 22:49:25.8-0.8, 37:71N:0:06-76:84E:0:06, h10km, mb3.5/5, Error ellipse: s-maj=9.5km s-min=6.9km az=163.7

IDC 28 22:49:25.1-1.1, 37:52N:76:97E, h0km, mb3.6/5, mb1 3.7/11, mb1mx3.5/44, mbtmp3.5/11, ML3.2/6, Error ellipse: s-maj=26.8km s-min=19.6km az=79.0

BJI 28 22:49:27.0, 37:52N:76:94E, h10km, ML3.8/7, Ms3.6/2, Ms7.3/2

NNC 28 22:49:29.6-3.4, 37:73N:76:95E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=27.4km s-min=19.7km az=13.0

ISC 28 22:49:26.5-1.0, 37:50N:0:08-76:94E:0:06, h10km, n28, 0199/31, mb3.6/5, 12C-8D, Southern Xinjiang

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like KSH Kashi and UCH Uchot.

ISCJB 28 22:46:37.7-0.7, 31:31S:0:03-68:89W:0:04, h10km, 7km, Error ellipse: s-maj=6.9km s-min=3.6km az=36.0

SJA 28 22:46:37.3-1.3, 31:30S:68:86W, h109km, 6km, ML3.4, MW3.3

GUC 28 22:46:38.0-0.4, 31:27S:69:14W, h150km, ML3.7

ISC 28 22:46:38.1-4.1, 31:31S:0:04-68:89W:0:04, h105km, 10km, n20, 0585/37, AC, San Juan Province

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like RTLL Cerro Villucun and Cerro Valdivia.

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like APPL PUNTA DE LOS L and PEL Peledhue.

IDC 28 22:47:20.4-1.4, 26:80N:143:62E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/43, mbtmp3.9/9, ML3.0/2, Error ellipse: s-maj=43.3km s-min=19.1km az=76.0

ISCJB 28 22:47:23.5-0.9, 26:88N:0:10-143:67E:0:07, h33km, mb3.8/7, Error ellipse: s-maj=14.4km s-min=9.3km az=177.8

JMA 28 22:47:23.7-0.1, 27:33N:143:54E, h21km, M3.4

ISC 28 22:47:25.9-1.2, 27:0N:01:143:65E:0:1, h35km, n13, 0153/14, mb3.9/7, Bonin Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes stations like CBJ Chichi jima and JCH Chichijima.

28d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ALN Alexandroupoli, KESN Edirne-Kesan, Vnda Vanda, etc.

IDC 28 23:10:51.8z, 1.19, 27.25:167.88E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/33, mbtmp3.9/7, ML3.4/1, Error ellipse: s-maj=47.4km s-min=23.5km az=150.0

ISCJB 28 23:10:54.4z, 1.0, 19.4S:0.1:167.8E:0.2, h26km, mb3.9/6, Error ellipse: s-maj=26.3km s-min=11.1km az=24.6

ISC 28 23:10:55.2z, 1.3, 19.4S:0.2:168.0E:0.2, h26km, n8, c072/8, mb3.9/5, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 28 23:12:58.6z, 0.7, 19.48S:168.10E, h0km, mb4.3/13, mb1 4.5/14, mb1mx4.3/34, mbtmp4.3/14, ML4.5/1, MS3.7/10, MS1 3.7/10, ms1mx3.5/26, Error ellipse: s-maj=23.9km s-min=17.3km az=135.0

BUI 28 23:13:00.3z, 1.9, 08S:168.06E, h14km, mb4.8/14, MB5.4/14, MS5.2/6, Mst 4.8/6

NEIC 28 23:13:00.6z, 0.3, 19.41S:167.98E, h10km, mb4.8/20, Error ellipse: s-maj=50.8km s-min=7.7km az=141.0

ISCJB 28 23:13:01.8z, 0.3, 19.45S:0.05:167.90E:0.05, h26km, mb4.7/28, MS3.7/8, Error ellipse: s-maj=7.9km s-min=6.0km az=40.9

AUST 28 23:13:18.4z, 4.8, 19.52S:168.04E, h180km, 1km, Error ellipse: s-maj=4.1km s-min=1.4km az=37.0

ISC 28 23:13:02.8z, 0.5, 19.47S:0.07:168.04E:0.09, h26km, n88, c115/74, mb4.7/25, MS3.7/8, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, WRA Warramunga Arr, etc.

2010 DEC

Table with columns: KNRA Kununurra, PPT2 Papeete2, PPT Papeete, etc. Includes station codes and coordinates.

IDC 28 23:14:08.6z, 1.2, 32.31N:105.31E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.4/2, mbtmp3.4/2, Error ellipse: s-maj=72.5km s-min=24.7km az=61.0, Sichuan

IDC 28 23:19:52.7z, 12.0, 18.36S:178.24W, h672km, 179km, mb2.8/7, mb1 3.1/7, mb1mx2.9/36, mbtmp3.9/7, Error ellipse: s-maj=84.0km s-min=56.2km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AKUT Pututan, CM31 Chiang Mai Arr, MAW Mawson, etc.

IDC 28 23:19:52.7z, 12.0, 18.36S:178.24W, h672km, 179km, mb2.8/7, mb1 3.1/7, mb1mx2.9/36, mbtmp3.9/7, Error ellipse: s-maj=84.0km s-min=56.2km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

1746

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CPUP Villa Florida, Vnda Vanda, H10S2 ASCENSION HYDRM04, etc.

ISCJB 28 23:22:46.9z, 0.3, 27.10N:143.54E:0.04, h10km, mb4.3/32, Error ellipse: s-maj=7.5km s-min=4.7km az=165.9

IDC 28 23:22:46.9z, 0.5, 27.09N:143.49E, h0km, mb4.1/20, mb1 4.2/23, mb1mx4.2/40, mbtmp4.0/23, ML3.5/3, MS1 3.3/1, ms1mx2.5/36, Error ellipse: s-maj=14.7km s-min=13.9km az=69.0

NEIC 28 23:22:48.5z, 0.2, 27.09N:143.49E, h10km, mb4.7/13, Error ellipse: s-maj=5.8km s-min=6.2km az=62.0

JMA 28 23:22:50.4z, 0.4, 27.29N:143.42E, h32km, M4.3, ISC 28 23:22:48.6z, 0.5, 27.13N:0.08:143.47E:0.06, h10km, n65, c090/72, mb4.2/32, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CBJI Chichi jima, CBJJ Chichijima, CBJL Chichijima, etc.

29d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AFI, DZM, URZ, STKA, ASAR, etc.

NEIC 29 00:17:00.6, 51.02N; 176.04W, h25km, ML3.2(AEIC), After AEIC.

IDC 29 00:17:12.2, 9.2, 51.96N; 176.26W, h98km, 80km, mb3.1/2, mb1.3/3.4, mb1mx3.0/5, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=87.3km s-min=25.2km az=0.0

ISC 29 00:17:01.9, 1.7, 51.11N; 0.1:176.04W, 0.06, h47km, n23, c059/20, Andreon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ETKA, GSKC, GSMY, ADAG, GSTD, etc.

IDC 29 00:26:20.5, 2.1, 8.29S; 128.72E, h0km, mb3.2/1, mb1.3/4.3, mb1mx3.2/1, mbtmp3.2/3, ML2.2/2, Error ellipse: s-maj=135.8km s-min=26.5km az=66.0

ISC 29 00:26:21.9, 1.6, 8.55S; 0.2:128.3E, 0.3, h10km, n6, c1978/6, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MTN, KDU, KNRA, WRA, etc.

ISCJJB 29 00:28:48.9, 1.7, 27.2N; 0.2:143.5E, 0.4, h10km, mb3.8/8, Error ellipse: s-maj=57.7km s-min=19.0km az=166.0

IDC 29 00:28:48.9, 2.1, 27.26N; 143.54E, n6km, mb3.8/8, mb1.4/1.8, mb1mx3.8/2.7, mbtmp3.8/8, Error ellipse: s-maj=71.0km s-min=23.2km az=76.0

ISC 29 00:28:50.7, 2.0, 27.22N; 0.2:143.5E, 0.4, h10km, n8, c098/8, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SONM, CMAR, WRA, ZALV, etc.

ISCJJB 29 00:31:09.2, 1.0, 8.8S; 0.1:123.58E, 0.08, h100km, mb3.5/2, Error ellipse: s-maj=20.2km s-min=10.3km az=20.1

DJA 29 00:31:16.8, 0.4, 9.5S; 7.12'3E, h10km, M3.9/5, MLV3.9/5, IDC 29 00:31:24.7, 5.9, 8.07S; 125.61E, h24km, 61km, mb3.1/2, mb1.2/5.4, mb1mx2.8/2.0, mbtmp3.5/4, Error ellipse: s-maj=138.6km s-min=23.4km az=64.0

ISC 29 00:31:12.0, 1.2, 8.7S; 0.1:123.41E, 0.09, h100km, n9, c111/10, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MMRI, SOEI, BASI, WBSI, etc.

2010 DEC

TORD Torodi Ar. Bea 122.69 280 PKP PKPdf 00 49 56.5 -0.6 0.2nm, 0.5s, baz=78, slow=2.1, SNR=5.4

CSEM 29 00:31:32.4, 0.1, 38.42N; 21.87E, h10km, MD2.5, Error ellipse: s-maj=2.2km s-min=1.8km az=58.0

ATH 29 00:31:33.1, 0.3839N; 21.87E, h99km, 1km, MD2.5/13, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EFP, RFI, RODI, UPRI, etc.

ATH 29 00:32:31.8, 41.24N; 19.45E, h24km, 8km, MD3.3/7, SKO 29 00:32:33.8, 41.09N; 19.55E, h10km

BEO 29 00:32:33.0, 0.6, 41.13N; 19.60E, h16km, 2km, ML2.8/1 THE 29 00:32:33.9, 41.16N; 19.59E, h1km, 2km, ML2.7/5, Error ellipse: s-maj=3.4km s-min=1.1km az=277.0

CSEM 29 00:32:33.7, 0.4117N; 19.57E, h8km, ML2.8, Error ellipse: s-maj=4.5km s-min=2.1km az=66.0

ISCJJB 29 00:32:33.5, 0.4, 41.22N; 0.01:19.67E, 0.03, h4km, 3km, Error ellipse: s-maj=3.9km s-min=2.1km az=158.7

PDG 29 00:32:34.9, 0.6, 41.26N; 19.66E, h16km, 1km, ML3.0/12, Error ellipse: s-maj=0.9km s-min=1.5km az=0.0

ISC 29 00:32:34.2, 0.9, 41.17N; 0.01:19.59E, 0.02, h14km, 8km, n133, c0972/207, 33C-11D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TIR, ULC, OHR, DRME, etc.

1748

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PVY, KEK, CEME, etc.

Table with columns: BZS, Buzias, 4.69 18 S, Sn, 00 34 39.1 +0.4, etc.

IDC 29 00:34:27.5-0.9, 4.93N-82.70W, h0km, mb3.9/11, mb1.4/3/16, mb1mx4.1/32, mbtmp4.1/16, ML3.0/3, MS3.5/15, MS1.3/15, ms1mx3.4/26, Error ellipse: s-maj=27.8km s-min=14.1km az=44.0

ISCJB 29 00:34:28.7-0.4, 5.08N-82.48W, h0.05, h12km, mb4.5/38, MS3.5/11, Error ellipse: s-maj=9.2km s-min=5.4km az=32.6

NEIC 29 00:34:29.8-0.4, 4.97N-82.62W, h10km, mb4.7/32, Error ellipse: s-maj=11.1km s-min=6.4km az=222.0

BUI 29 00:34:34.5-1.0, 5.10N-82.30W, h40km, mb5.2/14, Error ellipse: s-maj=14.1km s-min=7.9km az=32.6

ISC 29 00:34:29.5-0.5, 5.03N-82.80W, h0.08, h12km, mb4.5/38, mb4.5/40, MS3.5/11, South of Panama

Main station list for 1749, including BNDI, BNDI, SAUI, SAUI, SAUKI, SAUKI, etc.

Table with columns: G06A, Carlson Farm, 51.97 326 eP, P, 00 43 40.0 +1.4, etc.

ATH 29 00:36:49.2, 41.24N, 19.41E, h19km, 14km, MD3.3/6, n13, n13/18, 4C, Albania

PGC 29 00:55:49.6-1.1, 50.54N-130.20W, h10km, ML3.0/18, MW3.6, 197km west of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Main station list for 2010 DEC, including HOLB, HOLB, PHBC, PHBC, PHC, PHC, etc.

IDC 29 01:16:30.7-1.9, 2.50N-127.96E, h0km, mb3.7/4, mb1.3/9/4, mb1mx3.6/22, mbtmp3.7/4, MS1.3/1/1, MS1.3/1/1, ms1mx2.4/27, Error ellipse: s-maj=143.8km s-min=23.2km az=66.0, Northern Molucca Sea

Table with columns: WRA, Warramunga Arr, 23.17 165 P, P, 01 21 39.2 +0.1, etc.

IDC 29 01:41:18.8-4.3, 2.69N-95.98E, h0km, mb3.6/4, mb1.3/7/4, mb1mx3.4/26, mbtmp3.6/4, Error ellipse: s-maj=163.8km s-min=27.8km az=58.0, Off west coast of northern Sumatra

Table with columns: H08S2, Diego Garcia H, 25.49 246 T, T, 02 13 29.1, etc.

IDC 29 02:05:04.5-4.3, 5.90S, 130.73E, h83km, 41km, mb4.0/13, mb1.4/1/16, mb1mx4.0/37, mbtmp4.4/16, MS3.0/1, MS1.3/0/1, ms1mx2.4/25, Error ellipse: s-maj=35.1km s-min=12.9km az=89.0

ISCJB 29 02:05:07.0-0.3, 6.02S-130.77E, h0.05, h124km, mb4.1/16, Error ellipse: s-maj=7.6km s-min=4.0km az=168.8

AUST 29 02:05:07.8-0.0, 5.95S, 130.75E, h119km, Error ellipse: s-maj=0.9km s-min=0.6km az=255.0

NEIC 29 02:05:08.4-0.6, 5.90S, 130.72E, h120km, 6km, mb4.4/6, Error ellipse: s-maj=8.5km s-min=6.0km az=86.0

DJA 29 02:05:09.1-0.3, 6.03S-131.11E, h0km, 11km, M5.2/14, mb5.1/10, MB5.7/8, MLV5.2/14, MW(MB)5.2/8

ISC 29 02:05:08.7-0.5, 6.00S-130.74E, h0.06, h124km, n60, n156/58, mb4.0/16, Banda Sea

Main station list for 29d 2h, including BNDI, BNDI, SAUI, SAUI, SAUKI, SAUKI, etc.

DDA 29 03:00:10.7, 38°8'N-27°19'E, h26km, MD3.5
 CSEM 29 03:00:11.9, 0.1, 38°85'N-27°18'E, h12km, ML3.5, Error
 ellipse: s-maj=1.9km s-min=1.6km az=78.0
 ISK 29 03:00:11.4, 38°88'N-27°23'E, h13km, ML3.5
 ATH 29 03:00:11.7, 38°83'N-27°19'E, h35km, 3km, MD3.1/6, ML3.5
 ISCJB 29 03:00:11.2, 0.5, 38°87'N-01°21'7E, 0.02, h1km, 4km,
 Error ellipse: s-maj=2.8km s-min=2.3km az=2.8
 THE 29 03:00:12.6, 38°86'N-27°15'E, h9km, 1km, ML3.5/7, Error
 ellipse: s-maj=2.4km s-min=0.9km az=255.0
 ISC 29 03:00:12.1, 0.9, 38°85'N-02°27'18E, 0.02, h15km, 6km,
 n171, c0972/215, 24C-25, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DKL	Dikili	0.31	315	ePg	Pg	03 00 18.3	-0.2
DKL	Dikili	0.31	315	ePg	Pg	03 00 18.3	-0.2
AKHS	Akhisar	0.49	87	P	Sb	03 00 21.8	-0.7
AKHS	Akhisar	0.49	87	P	Sb	03 00 21.8	-0.7
AYVA	Ayvalik	0.59	320	P	Sg	03 00 23.5	-0.3
AYVA	Ayvalik	0.59	320	P	Sg	03 00 23.5	-0.3
URLA	Izmir	0.68	223	S	Sb	03 00 24.4	-1.0
URLA	Izmir	0.68	223	S	Sb	03 00 24.4	-1.0
PRK	Paraskevi	0.81	299	ePN	Pg	03 00 27.5	-0.4
PRK	Paraskevi	0.81	299	ePN	Pg	03 00 27.5	-0.4
PRK	Paraskevi	0.81	299	P	Sb	03 00 39.1	+0.3
PRK	Paraskevi	0.81	299	P	Sb	03 00 39.1	+0.3
ZEY	zmir	0.81	221	P	Sb	03 00 39.0	+0.3
ZEY	zmir	0.81	221	P	Sb	03 00 39.0	+0.3
DGB	zmir	0.83	197	P	Sg	03 00 38.4	-0.2
DGB	zmir	0.83	197	P	Sg	03 00 38.4	-0.2
BALY	Balya	0.95	21	P	Sb	03 00 29.9	-0.4
BALY	Balya	0.95	21	P	Sb	03 00 29.9	-0.4
BALY	Balya	0.95	21	P	Sb	03 00 42.9	+0.2
BALY	Balya	0.95	21	P	Sb	03 00 42.9	+0.2
IBLY	Balya	0.95	21	P	Sb	03 00 29.9	-0.4
BALB	Balikiesir	0.95	34	ePg	Sb	03 00 29.6	-0.8
BALB	Balikiesir	0.95	34	ePg	Sb	03 00 29.6	-0.8
BALB	Balikiesir	0.95	34	ePg	Sb	03 00 42.7	-0.1
BALB	Balikiesir	0.95	34	ePg	Sb	03 00 42.7	-0.1
CHOS	Chios island	1.00	243	ePN	Pg	03 00 31.3	+0.1
CHOS	Chios island	1.00	243	ePN	Pg	03 00 31.3	+0.1
CHOS	Chios island	1.00	243	P	Sb	03 00 45.0	+0.4
CHOS	Chios island	1.00	243	P	Sb	03 00 45.0	+0.4
CHOS	Chios island	1.00	243	P	Sb	03 00 30.9	-0.3
CHOS	Chios island	1.00	243	P	Sb	03 00 30.9	-0.3
CHOS	Chios island	1.00	243	P	Sb	03 00 31.3	+0.1
CHOS	Chios island	1.00	243	P	Sb	03 00 31.3	+0.1
CHOS	Chios island	1.00	243	P	Sb	03 00 45.0	+0.4
CHOS	Chios island	1.00	243	P	Sb	03 00 45.0	+0.4
AYDB	Zeytinkoy-Aydi	1.06	148	ePg	Sb	03 00 47.7	+0.5
AYDB	Zeytinkoy-Aydi	1.06	148	ePg	Sb	03 00 47.7	+0.5
AYDB	Zeytinkoy-Aydi	1.06	148	ePg	Sb	03 00 32.2	-0.1
AYDB	Zeytinkoy-Aydi	1.06	148	ePg	Sb	03 00 32.2	-0.1
SIGR	SIGRI	1.09	289	ePN	Pg	03 00 32.6	-0.2
SIGR	SIGRI	1.09	289	ePN	Pg	03 00 32.6	-0.2
SIGR	SIGRI	1.09	289	P	Sb	03 00 47.2	+0.3
SIGR	SIGRI	1.09	289	P	Sb	03 00 47.2	+0.3
SIGR	SIGRI	1.09	289	P	Sb	03 00 32.4	-0.4
SIGR	SIGRI	1.09	289	P	Sb	03 00 32.4	-0.4
SIGR	SIGRI	1.09	289	P	Sb	03 00 47.2	+0.3
SIGR	SIGRI	1.09	289	P	Sb	03 00 47.2	+0.3
MANT	Manisa	1.14	108	P	Sb	03 00 33.3	-0.3
MANT	Manisa	1.14	108	P	Sb	03 00 33.3	-0.3
MANT	Manisa	1.14	108	P	Sb	03 00 46.9	-1.4
MANT	Manisa	1.14	108	P	Sb	03 00 46.9	-1.4
GCAM	G?zelcamli?	1.15	178	P	Sb	03 00 32.5	-1.3
GCAM	G?zelcamli?	1.15	178	P	Sb	03 00 32.5	-1.3
GCAM	G?zelcamli?	1.15	178	P	Sb	03 00 48.8	+0.3
GCAM	G?zelcamli?	1.15	178	P	Sb	03 00 48.8	+0.3
SMG	Samos	1.18	194	ePN	Sb	03 00 33.1	-1.1
SMG	Samos	1.18	194	ePN	Sb	03 00 33.1	-1.1
SMG	Samos	1.18	194	P	Sg	03 00 49.4	+0.2
SMG	Samos	1.18	194	P	Sg	03 00 49.4	+0.2
SMG	Samos	1.18	194	P	Sg	03 00 51.0	+0.9
SMG	Samos	1.18	194	P	Sg	03 00 51.0	+0.9
SMG	Samos	1.18	194	P	Sg	03 00 33.9	-0.2
SMG	Samos	1.18	194	P	Sg	03 00 33.9	-0.2
EZNE	Ezine	1.18	326	ePN	Pg	03 00 34.3	-0.3
EZNE	Ezine	1.18	326	ePN	Pg	03 00 34.3	-0.3
KULA	Kula-Manisa	1.20	106	ePN	Pg	03 00 34.0	-0.6
KULA	Kula-Manisa	1.20	106	ePN	Pg	03 00 34.0	-0.6
DEMI	Demirci	1.21	81	P	Sb	03 00 49.5	-0.8
DEMI	Demirci	1.21	81	P	Sb	03 00 49.5	-0.8
DEMI	Demirci	1.21	81	P	Sb	03 00 34.0	-0.6
DEMI	Demirci	1.21	81	P	Sb	03 00 34.0	-0.6
DEMI	Demirci	1.21	81	P	Sb	03 00 49.5	-0.8
DEMI	Demirci	1.21	81	P	Sb	03 00 49.5	-0.8
DURS	Dursunbey	1.25	53	P	Sb	03 00 34.5	-0.7
DURS	Dursunbey	1.25	53	P	Sb	03 00 34.5	-0.7
DURS	Dursunbey	1.25	53	P	Sb	03 00 51.8	-0.0
DURS	Dursunbey	1.25	53	P	Sb	03 00 51.8	-0.0
GONE	Gonen-Balikiesi	1.25	18	ePN	Sb	03 00 34.5	-0.6
GONE	Gonen-Balikiesi	1.25	18	ePN	Sb	03 00 34.5	-0.6
GONE	Gonen-Balikiesi	1.25	18	ePN	Sb	03 00 49.7	+0.3
GONE	Gonen-Balikiesi	1.25	18	ePN	Sb	03 00 49.7	+0.3
AYDN	Tasoluk	1.31	155	P	Sg	03 00 37.7	+0.3
AYDN	Tasoluk	1.31	155	P	Sg	03 00 37.7	+0.3
AYDN	Tasoluk	1.31	155	P	Sg	03 00 56.5	+2.0
AYDN	Tasoluk	1.31	155	P	Sg	03 00 56.5	+2.0
BOZC	Bozcaada	1.32	319	P	Sb	03 00 35.5	-0.6
BOZC	Bozcaada	1.32	319	P	Sb	03 00 35.5	-0.6
KRBG	Karabiga-Canak	1.54	3	ePN	Pg	03 00 39.3	+0.2
KRBG	Karabiga-Canak	1.54	3	ePN	Pg	03 00 39.3	+0.2
LPK	Lapseki	1.55	348	ePN	Pg	03 00 39.4	+0.1
LPK	Lapseki	1.55	348	ePN	Pg	03 00 39.4	+0.1
EDC	Edincik	1.58	19	ePN	Pg	03 00 38.8	-0.9
EDC	Edincik	1.58	19	ePN	Pg	03 00 38.8	-0.9
GELI	Tayfur-Gelibol	1.64	341	ePN	Pg	03 00 40.7	+0.3
GELI	Tayfur-Gelibol	1.64	341	ePN	Pg	03 00 40.7	+0.3
KCTX	Karacabey (Bur	1.68	32	ePN	Pg	03 00 40.5	-0.5
KCTX	Karacabey (Bur	1.68	32	ePN	Pg	03 00 40.5	-0.5
BODT	Bodrum	1.79	177	ePN	Pg	03 00 43.2	+0.6
BODT	Bodrum	1.79	177	ePN	Pg	03 00 43.2	+0.6
RKY	Sarkoy-Tekirda	1.83	360	ePN	Pg	03 00 43.2	+0.0
RKY	Sarkoy-Tekirda	1.83	360	ePN	Pg	03 00 43.2	+0.0
SART	Tekirdag	1.83	360	P	Sb	03 01 06.0	-0.2
SART	Tekirdag	1.83	360	P	Sb	03 01 06.0	-0.2
SART	Tekirdag	1.83	360	P	Sb	03 00 42.9	-0.3
SART	Tekirdag	1.83	360	P	Sb	03 00 42.9	-0.3
TVSB	Tavsanli	1.87	71	ePN	Pg	03 00 43.6	-0.1
TVSB	Tavsanli	1.87	71	ePN	Pg	03 00 43.6	-0.1
LIA	Limnos Island	1.87	305	ePN	Pg	03 00 43.7	+0.1
LIA	Limnos Island	1.87	305	ePN	Pg	03 00 43.7	+0.1
LIA	Limnos Island	1.87	305	P	Sb	03 01 06.7	-0.2
LIA	Limnos Island	1.87	305	P	Sb	03 01 06.7	-0.2
ERIK	Erikli-Kesan	1.89	344	ePN	Pg	03 00 44.4	+0.5
ERIK	Erikli-Kesan	1.89	344	ePN	Pg	03 00 44.4	+0.5
YER	Yerkesik	1.92	153	ePN	Pg	03 00 44.2	-0.3
YER	Yerkesik	1.92	153	ePN	Pg	03 00 44.2	-0.3
MDNY	Mudanya-Bursa	2.00	40	ePN	Pg	03 00 44.8	+0.7
MDNY	Mudanya-Bursa	2.00	40	ePN	Pg	03 00 44.8	+0.7
SMTH	Samothraki Isl	2.06	322	ePN	Pg	03 00 45.9	-0.4
SMTH	Samothraki Isl	2.06	322	ePN	Pg	03 00 45.9	-0.4
SMTH	Samothraki Isl	2.06	322	P	Sb	03 01 11.4	-0.3
SMTH	Samothraki Isl	2.06	322	P	Sb	03 01 11.4	-0.3
SMTH	Samothraki Isl	2.06	322	P	Sb	03 00 46.6	+0.3
SMTH	Samothraki Isl	2.06	322	P	Sb	03 00 46.6	+0.3
SMTH	Samothraki Isl	2.06	322	P	Sb	03 01 11.4	-0.3
SMTH	Samothraki Isl	2.06	322	P	Sb	03 01 11.4	-0.3
TKR	Tekirdag	2.15	7	ePN	Pg	03 00 47.5	-0.0
TKR	Tekirdag	2.15	7	ePN	Pg	03 00 47.5	-0.0
APF	Apeiranthos	2.21	217	ePN	Pg	03 00 47.0	-1.4
APF	Apeiranthos	2.21	217	ePN	Pg	03 00 47.0	-1.4
GEMT	Gemlik	2.21	44	ePN	Pg	03 00 47.9	-0.4
GEMT	Gemlik	2.21	44	ePN	Pg	03 00 47.9	-0.4
ALN	Alexandroupoli	2.22	337	ePN	Pg	03 00 48.6	+0.1
ALN	Alexandroupoli	2.22	337	ePN	Pg	03 00 48.6	+0.1
ALN	Alexandroupoli	2.22	337	P	Sb	03 01 16.2	+0.6
ALN	Alexandroupoli	2.22	337	P	Sb	03 01 16.2	+0.6
CRLT	Corlu	2.31	10	ePN	Pg	03 00 50.0	+0.3
CRLT	Corlu	2.31	10	ePN	Pg	03 00 50.0	+0.3
CAVI	Cavuskoj	2.46	56	ePN	Pg	03 00 52.1	+0.4
CAVI	Cavuskoj	2.46	56	ePN	Pg	03 00 52.1	+0.4
GLHS	Gelisar (BURDU	2.49	132	ePN	Pg	03 00 53.1	+0.8
GLHS	Gelisar (BURDU	2.49	132	ePN	Pg	03 00 53.1	+0.8
SLVT	Silivri	2.50	18	ePN	Pg	03 00 52.6	+0.3
SLVT	Silivri	2.50	18	ePN	Pg	03 00 52.6	+0.3
ADVT	Abdulvahap	2.52	51	ePN	Pg	03 00 53.0	+0.4
ADVT	Abdulvahap	2.52	51	ePN	Pg	03 00 53.0	+0.4
EREA	Erertra	2.58	261	ePN	Pg	03 00 53.2	-0.3
EREA	Erertra	2.58	261	ePN	Pg	03 00 53.2	-0.3
BGKT	Bogazkoy	2.62	27	ePN	Pg	03 00 54.5	+0.5
BGKT	Bogazkoy	2.62	27	ePN	Pg	03 00 54.5	+0.5

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ISK	Istanbul-Kandi	2.64	33	ePN	Pn	03 00 54.5	+0.3
ISK	Istanbul-Kandi	2.64	33	ePN	Pn	03 00 54.5	+0.3
FETY	Fethiye	2.68	145	ePN	Pn	03 00 55.8	+1.0
FETY	Fethiye	2.68	145	ePN	Pn	03 00 55.8	+1.0
SERI	Serifos	2.72	232	ePN	Pn	03 00 54.6	-0.8
SERI	Serifos	2.72	232	ePN	Pn	03 00 54.6	-0.8
ARG	Arkhangelos	2.74	164	ePN	Pn	03 00 56.1	+0.5
ARG	Arkhangelos	2.74	164	ePN	Pn	03 00 56.1	+0.5
HRT	Hereke	2.74	43	ePN	Pn	03 00 56.0	+0.3
HRT	Hereke	2.74	43	ePN	Pn	03 00 56.0	+0.3
ATH	Athens Observa	2.86	253	ePN	Pn	03 00 54.5	-2.8
ATH	Athens Observa	2.86	25				

29d 4h

KUR 130nm,0.3s A A 04 17 52.6
YSS Yuzh-Sakhalsins 4.50 330 eP Pn 04 17 46.3 +2.1

IDC 29 04:19:58.3.7.7, 13.95N:92.40W, h0km, mb3.6/2
mb1 3.9/9, mb1mx3.4/32, mbtmp3.5/3, ML2.9/2, MS3.1/1,
Ms1 3.1/1, ms1mx2.5/29, Error ellipse: s-maj=140.6km
s-min=59.9km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CAUP Cauayan, CVP Caliao Caves, CVP Conner, APYV Dolores, ABRA Dolores, SGCP Mt. Cagua, SZP Santa, BCPH Baguio City Da, SIPP Brgy, Tapao, BALP Baler, PCPH Palayan, BOLP Bolinao, BOLP Bolinao, SCZP Santa Cruz, SCZP Polilio Island, POLP Polilio Island, TGYP Tagaytay City, GOP Guinayangay, GOP Pinlang, TUBU Ta-pu, YULB Yu-li, YULB Yu-li, SSSL Suanglung, NACB Ninganchiao, NACB Ninganchiao, YHNB Yeheng, YHNB Yeheng, JNU Nakatsue, WJNU Wonju Array B, KSRS Korea Array, KSRS Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, USRK USSuriyok Ar, USRK USSuriyok Ar, ASAJ Asahikawa, KLR Kuldur, SONM Songino Array, SONM Songino Array, TLY Talaya, WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND HY 42.84, H1S1 WAKE ISLAND HY 42.85, H1S2 WAKE ISLAND HY 42.85, H1S1 WAKE ISLAND HY 42.85, H1S2 WAKE ISLAND HY 42.85, H1S3 WAKE ISLAND HY 42.85, MK01 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, PETK Petropavlovsk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KKRAT Karatay Array, STKA Stephens Creek, BILL Bilibino, ABKAR Akkabay array, GEYT Alibek, GEYT Alibek, KBZ Khabaz, KBZ Khabaz, MLY Manley, ILAR Eielson Array, ILAR Eielson Array, ARCES ARCES Array, FINES FINESS Array, BRTR Keskin Array, BRTR Keskin Array, AKASG Malin Array, BUR04 Bucoivina Arr, NMO NORSAR Array, NMO NORSAR Array, KB04 Kilima Mbogo, GERES GERES Array B, YKA Yellowknife Arr, YKA Yellowknife Arr, ROTZ Rotzenmuhle, ROTZ Rotzenmuhle, GECSS GERESS Array S, GECSS GERESS Array B, WET Wetzell, GRF Grafenberg Arr, RJOB Jochberg, RJOB Jochberg, WLF Walferdang, WLF Walferdang, BFO Black Forest, BFO Black Forest, TUE Stuetta, TUE Stuetta, TORD Torodi Arr, TORD Torodi Arr

IDC 29 04:20:35.4.1.2, 19.76S:168.38E, h0km, mb4.3/10,
mb1 4.5/11, mb1mx4.2/36, mbtmp4.3/11, ML3.4/1, MS3.7/9,
Ms1 3.6/9, ms1mx3.3/36, Error ellipse: s-maj=40.7km
s-min=19.8km az=149.0

ISCJB 29 04:20:38.6.0.8, 19.82S:0.09:168.21E:0.09, h25km,
mb4.3/12, MS3.6/6, Error ellipse: s-maj=15.7km
s-min=8.1km az=139.9

NEIC 29 04:20:38.5.0.7, 19.74S:168.18E, h10km, mb4.5/4, Error
ellipse: s-maj=23.7km s-min=11.4km az=160.0

BGR 29 04:20:38.8.20.27S:169.79E, h33km
ISC 29 04:20:39.6.0.8, 19.95S:0.1:168.3E:0.2, h25km, n34,
c098/24, mb4.3/12, MS3.6/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, MSVF Nonsavu, RAO Raoul Island, URZ Urewera, AFI Afiamalu, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, PMG Port Moresby, PMG Port Moresby, COEN Coen, STKA Stephens Creek, STKA Stephens Creek, WRAB Tennet Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, PPT2 Papeete2, PPT Papeete, FITZ Fitzroy Crossi, POHA Pohakuola, CMAR Chiang Mai Arr, SONM Songino Array, NVAR Minia Array B, ILAR Eielson Array, TXAR Lajitas Array, TXAR Lajitas Array, YKA Yellowknife Arr, YKA Yellowknife Arr, ROTZ Rotzenmuhle, ROTZ Rotzenmuhle, GECSS GERESS Array S, GECSS GERESS Array B, WET Wetzell, GRF Grafenberg Arr, RJOB Jochberg, RJOB Jochberg, WLF Walferdang, WLF Walferdang, BFO Black Forest, BFO Black Forest, TUE Stuetta, TUE Stuetta, TORD Torodi Arr, TORD Torodi Arr

MAN 29 04:25:10, 17.23N:121.55E, h43km, mb3.5, ML2.2, MS1.7,
Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include APYV Conner, APYV Conner, ABRA Dolores, ABRA Dolores, BALP Baler, BALP Baler

MAN 29 04:26:30, 17.21N:121.60E, h25km, mb4.4, ML3.2, MS3.0,
ID, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CAUP Cauayan, CAUP Cauayan, APYV Conner, APYV Conner, ABRA Dolores, ABRA Dolores, SIPP Brgy, Tapao, SIPP Brgy, Tapao, BALP Baler, BALP Baler

IDC 29 04:29:30.2.0.7, 17.06N:121.58E, h0km, mb4.1/20,
mb1 4.2/21, mb1mx4.2/36, mbtmp4.1/21, ML3.7/1, MS3.6/15,
Ms1 3.6/15, ms1mx3.4/41, Error ellipse: s-maj=21.8km
s-min=15.0km az=77.0

MAN 29 04:29:34.17.19N:121.60E, h24km, mb4.6, ML3.5, MS3.4
ISCJB 29 04:29:35.3.0.3, 17.19N:0.02:121.67E:0.04, h46km, 3km,
mb4.1/22, MS3.5/15, Error ellipse: s-maj=6.2km

2010 DEC

s-min=3.5km az=178.9
NEIC 29 04:29:36.9.1.1, 17.07N:121.61E, h48km, 9km, mb4.3/2,
Error ellipse: s-maj=11.7km s-min=9.8km az=103.0
ISC 29 04:29:38.8.1.1, 17.16N:0.02:121.62E:0.04, h27km, 5km,
n62, c147/65, mb4.2/22, MS3.5/15, 2C-4D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CAUP Cauayan, CAUP Cauayan, CVP Caliao Caves, CVP Caliao Caves, CVP Conner, APYV Dolores, ABRA Dolores, SGCP Mt. Cagua, SZP Santa, BCPH Baguio City Da, SIPP Brgy, Tapao, BALP Baler, PCPH Palayan, BOLP Bolinao, BOLP Bolinao, SCZP Santa Cruz, SCZP Polilio Island, POLP Polilio Island, TGYP Tagaytay City, GOP Guinayangay, GOP Pinlang, TUBU Ta-pu, YULB Yu-li, YULB Yu-li, SSSL Suanglung, NACB Ninganchiao, NACB Ninganchiao, YHNB Yeheng, YHNB Yeheng, JNU Nakatsue, WJNU Wonju Array B, KSRS Korea Array, KSRS Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, USRK USSuriyok Ar, USRK USSuriyok Ar, ASAJ Asahikawa, KLR Kuldur, SONM Songino Array, SONM Songino Array, TLY Talaya, WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND HY 42.84, H1S1 WAKE ISLAND HY 42.85, H1S2 WAKE ISLAND HY 42.85, H1S1 WAKE ISLAND HY 42.85, H1S2 WAKE ISLAND HY 42.85, H1S3 WAKE ISLAND HY 42.85, MK01 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, PETK Petropavlovsk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KKRAT Karatay Array, STKA Stephens Creek, BILL Bilibino, ABKAR Akkabay array, GEYT Alibek, GEYT Alibek, KBZ Khabaz, KBZ Khabaz, MLY Manley, ILAR Eielson Array, ILAR Eielson Array, ARCES ARCES Array, FINES FINESS Array, BRTR Keskin Array, BRTR Keskin Array, AKASG Malin Array, BUR04 Bucoivina Arr, NMO NORSAR Array, NMO NORSAR Array, KB04 Kilima Mbogo, GERES GERES Array B, YKA Yellowknife Arr, YKA Yellowknife Arr, ROTZ Rotzenmuhle, ROTZ Rotzenmuhle, GECSS GERESS Array S, GECSS GERESS Array B, WET Wetzell, GRF Grafenberg Arr, RJOB Jochberg, RJOB Jochberg, WLF Walferdang, WLF Walferdang, BFO Black Forest, BFO Black Forest, TUE Stuetta, TUE Stuetta, TORD Torodi Arr, TORD Torodi Arr

MAN 29 04:31:43, 17.16N:121.52E, h16km, mb3.9, ML2.7, MS2.3,
1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include APYV Conner, APYV Conner, ABRA Dolores, ABRA Dolores, BALP Baler, BALP Baler, PCPH Palayan

NIED 29 04:47:00, 27.30N:143.70E, h5km, Mw3.9 Best double
couple: M7.44000x1014 NP1=309.00000, b47.00000,
-1.14.00000. NP2=161.00000, b48.00000,

1752

h=67.00000.
IDC 29 04:47:34.1.0.8, 26.97N:143.59E, h0km, mb3.8/10,
mb1 4.0/12, mb1mx3.8/38, mbtmp3.8/12, ML3.4/2, MS3.3/1,
Ms1 3.3/1, ms1mx2.4/45, Error ellipse: s-maj=21.0km
s-min=19.3km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA 29 04:47:36.5.0.1, 27.26N:143.67E, h60km, M3.8
ISC 29 04:47:39.8.0.8, 27.21N:0.09:143.52E:0.09, h35km, n18,
c181/19, mb3.8/10, Bonin Islands region
Code Station Name Az Az' Phase ID Time Res ISC
JCJ Chichijima 1.20 265 Pn Pn 04 47 59.5 -0.5
JCJ Chichijima 1.20 265 S Sn 04 48 16.1 +0.0
CBJU Chichi jima 1.23 273 S Sn 04 48 11.4 +0.3
JHHJ Haha-jima-NKT 1.33 245 S Sn 04 48 01.1 -0.8
JHHJ Haha-jima-NKT 1.33 245 S Sn 04 48 20.0 +1.6
JHO Hachijo jima 2. 6.72 332 LR Sn 04 48 20.4 -0.1
JHU Hitachi 9.70 346 eS Sn 04 48 16.1 +0.0
JMJA Matsushiro Arr 10.34 335 Pn Pn 04 50 06.0 +1.4
KRSR Korea Array 16.66 312 Pn P 04 51 33.6 +1.0
KLR Kuldur 23.80 341 Pn P 04 52 51.2 +2.0
1.9nm, 0.9s, baz=156, slow=13, SNR=5.2
CMAR Chiang Mai Arr 41.82 268 P 04 55 26.2 -0.3
1.1nm, 0.4s, baz=49, slow=9.7, SNR=4.8
WRA Warramunga Arr 47.71 192 Pn P 04 56 10.9 -2.3
1.6nm, 0.5s, baz=12, slow=8.2, SNR=8.2
ZALV Zalesovo Beam 50.19 319 P 04 56 32.3 +0.4
0.4nm, 0.3s, baz=69, slow=7.9, SNR=3.2
ASAR Alice Springs 51.42 191 P 04 56 38.6 -3.0
0.4nm, 0.5s, baz=358, slow=6.5, SNR=4.1
ILAR Eielson Array 57.04 29 Pn P 04 57 21.9 +0.0
0.7nm, 1.0s, baz=262, slow=6.8, SNR=8.7
YKA Yellowknife Arr 71.47 29 Pn P 04 58 58.2 +1.7
FINES FINESS Array B 78.37 334 P 04 59 37.6 +1.3
1.0nm, 0.8s, baz=73, slow=6.5, SNR=4.0
AKASG Malin Array B 83.22 324 P 05 00 03.0 +0.5
0.4nm, 0.4s, baz=46, slow=5.1, SNR=2.9
PDAR Piedade Array 83.29 45 Pn P 05 00 03.6 +0.2
0.6nm, 0.9s, baz=328, slow=3.2, SNR=2.8
LPZA Laz Paiz 148.74 76 PKPbc PKPbc 05 07 25.9 +1.0
0.6nm, 0.4s, baz=0, slow=1.0, SNR=3.4

MAN 29 04:52:40, 17.25N:121.65E, h26km, mb5.2, ML4.1, MS4.2,
3C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CAUP Cauayan, CVP Caliao Caves, CVP Caliao Caves, APYV Conner, APYV Conner, ABRA Dolores, ABRA Dolores, SIPP Brgy, Tapao, SIPP Brgy, Tapao, BCPH Baguio City Da, BCPH Baguio City Da, BALP Baler, BALP Baler, PCPH Palayan, BOLP Bolinao

MAN 29 04:55:13, 17.50N:121.23E, h4km, mb4.2, ML3.0, MS2.7,
Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include APYV Conner, APYV Conner, ABRA Dolores, ABRA Dolores, BALP Baler, BALP Baler

IDC 29 04:55:22.3.1.9, 19.83S:168.19E, h0km, mb4.2/7,
mb1 4.4/8, mb1mx4.1/31, mbtmp4.2/8, ML3.5/1, MS3.2/5,
Ms1 3.2/5, ms1mx2.9/23, Error ellipse: s-maj=59.3km
s-min=24.8km az=133.0

ISCJB 29 04:55:25.1.5.1, 19.85S:0.1:168.0E:0.3, h27km, mb4.1/6,
MS3.3/4, Error ellipse: s-maj=37.8km s-min=11.1km
az=24.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, AFI Afiamalu, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songino Array, SONM Songino Array, ILAR Eielson Array, ILAR Eielson Array, TXAR Lajitas Array, TXAR Lajitas Array, GERES GERESS Array B, GERES GERESS Array B

IDC 29 04:55:24.7.0.6, 26.95N:143.64E, h0km, mb3.9/18,
mb1 4.2/21, mb1mx4.1/42, mbtmp3.9/21, ML3.4/3, MS2.9/2,
Ms1 2.9/2, ms1mx2.5/37, Error ellipse: s-maj=17.1km
s-min=15.0km az=79.0

JMA 29 04:55:26.9.0.1, 27.32N:143.61E, h22km, 5km
NEIC 29 04:55:26.3.0.4, 26.94N:143.60E, h10km, mb4.6/3, Error
ellipse: s-maj=10.0km s-min=8.0km az=66.0

ISCJB 29 04:55:28.1.0.5, 27.08N:0.06:143.63E:0.05, h33km,
mb4.0/22, MS3.1/4, Error ellipse: s-maj=8.9km
s-min=6.3km az=163.9

ISC 29 04:55:30.0.6, 27.04N:0.09:143.56E:0.07, h35km, n39,
c181/42, mb4.0/22, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBUJ Chichi jima, CBUJ Chichi jima, CBUJ Chichi jima, JCJ Chichijima, JCJ Chichijima, JHHJ Haha-jima-NKT, JHHJ Haha-jima-NKT, JRU Ryogano, JRU Ryogano, JHU Hitachi, JHU Hitachi, JMJA Matsushiro Arr, JMJA Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, KSRS Korea Array, KSRS Korea Array

29d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARS Herceg Novi, HCY Herceg Novi, BEY Berane, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array, EKA Esklemuir Arr, etc.

1754

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 29 06:35:28.5, ISC 29 06:35:27.1, etc.

29d 6h

MOO	baz=29, SNR=9.5	28.70	213	P	P	07 00 16.6	+0.5
TAU	baz=29, SNR=16	28.97	213	eP	pmax	07 00 20.0	+1.5
TAU	comp=Z, 170nm, 1.0s	28.97	213	eP	P	07 00 20.0	+1.5
TAU	Tasmania Unive						
TAU	comp=Z, 168nm, 1.0s						
RAR	comp=Z, 20um, 21.0s						
RAR	Rarotonga	30.06	98	P	P	07 00 29.8	+1.4
RAR	comp=Z, 25nm, 0.6s, baz=104, slow=8.3, SNR=3.3					07 10 02.6	
BBOO	Buckleboo	31.43	239	P	P	07 00 39.7	-0.7
BBOO	comp=Z, 702nm, 1.7s					07 00 39.7	-0.7
BBOO	comp=Z, 35um, 21.0s						
WRAB	Tennant Creek	31.76	264	eP	P	07 00 41.1	-2.4
WRAB	comp=Z, 260nm, 1.0s						
WRAB	Tennant Creek	31.76	264	P	P	07 00 40.4	-3.1
WRAB	comp=Z, 1um, 0.9s, SNR=92					07 00 41.1	-2.4
WRAB	Tennant Creek	31.76	264	eP	P	07 00 41.1	-2.4
WRAB	comp=Z, 261nm, 1.0s						
WRA	comp=Z, 60um, 18.0s					07 00 41.2	-2.3
WRA	Warramunga Arr	31.77	264	P	P	07 03 34.1	-0.4
WRA	comp=Z, 30nm, 0.4s, baz=88, slow=8.6, SNR=156					07 13 27.5	
WRA	comp=Z, 14nm, 0.8s, baz=98, slow=2.8, SNR=4.6					07 32 18.1	
WRA	comp=Z, 54um, 18.3s, baz=90, slow=3.6					07 00 41.2	-2.3
WRA	comp=Z, 2.7nm, 1.0s, baz=301, slow=3.4, SNR=8.2					07 03 34.1	
WRA	Warramunga Arr	31.77	264	P	P	07 00 41.2	-2.3
WRA	comp=Z, 31nm, 0.4s						
WRA	comp=Z, 14nm, 0.8s						
JAY	comp=Z, 54um, 18.3s					07 00 42.9	-1.3
JAY	Jayapura	31.83	299	P	P	07 00 43.9	-1.7
AS01	Alice Springs	31.96	257	eP	P	07 01 00.0	-2.2
AS31	Alice Springs	32.00	257	PFAKE	LR	07 01 00.0	+1.4
AS31	comp=Z, 800nm, 19.0s						
ASAR	Alice Springs	32.00	257	P	P	07 00 43.9	-1.7
ASAR	comp=Z, 161nm, 0.7s, baz=85, slow=9.2, SNR=148					07 14 04.7	
ASAR	comp=Z, 54um, 18.5s, baz=98, slow=3.7					07 32 17.1	
GENI	comp=Z, 2.2nm, 0.9s, baz=278, slow=3.7, SNR=10					07 00 46.4	-1.1
GENI	Genyem	32.23	298	P	P	07 00 47.2	-0.4
GENI	comp=Z, 2um, 1.5s, comp=Z, 26um, comp=Z, 47um					07 01 10.9	-0.1
KDU	Kakadu	34.92	276	P	P	07 01 16.0	+1.7
KDU	baz=35, SNR=13						
MCQ	Macquarie Isla	35.37	189	eP	MLR	07 01 16.0	+1.7
MCQ	comp=Z, 13um, 19.0s						
MCQ	Macquarie Isla	35.37	189	eP	LR	07 01 16.0	+1.7
MTN	Mantong Dam	36.13	275	P	P	07 01 19.9	-1.5
MTN	comp=Z, 13um, 19.0s						
MTN	Mantong Dam	36.13	275	eP	P	07 01 20.9	-0.6
MTN	comp=Z, 374nm, 1.0s						
MTN	comp=Z, 60um, 18.0s						
WRKA	Warakurna	37.12	254	P	P	07 01 28.6	-1.2
WRKA	baz=37, SNR=130					07 01 40.0	+6.5
SAUI	Saumlaki	37.55	283	PFAKE	LR	07 01 32.9	-1.7
SAUI	comp=Z, 42um, 19.0s						
KNRA	Kununurra	37.68	270	P	P	07 01 20.6	
KNRA	baz=38, SNR=26					07 41 28.5	
H11S2	WAKE ISLAND Hy	38.06	358	T	T	07 41 18.0	
H11S2	baz=181, slow=76, SNR=8.6						
H11S3	WAKE ISLAND Hy	38.06	358	T	T	07 01 43.2	-1.2
H11S3	baz=181, slow=76, SNR=6.0					07 01 43.2	-1.2
H11S1	WAKE ISLAND Hy	38.08	358	T	T	07 01 43.2	-1.2
H11S1	baz=181, slow=76, SNR=6.0					07 01 43.1	-1.2
FAKI	Fak Fak	38.84	291	P	P	07 01 43.2	-1.2
FAKI	baz=39, SNR=22					07 01 43.2	-1.2
FAKI	Fak Fak	38.84	291	P	P	07 01 43.2	-1.2
FAKI	Fak Fak	38.84	291	eP	P	07 01 43.2	-1.2
FAKI	comp=Z, 1um, 1.7s						
FAKI	comp=Z, 23um, 21.0s						
WAKE	Wake Island	38.85	358	eP	LR	07 01 42.5	-1.7
WAKE	comp=Z, 116nm, 1.1s						
H11N1	WAKE ISLAND Hy	39.27	358	P	P	07 01 48.8	+1.3
H11N1	baz=181, slow=12, SNR=4.3					07 42 42.8	
H11N3	WAKE ISLAND Hy	39.27	358	P	P	07 01 48.0	+0.4
H11N3	baz=181, slow=12, SNR=5.4					07 42 44.6	
H11N2	WAKE ISLAND Hy	39.28	358	P	P	07 01 48.2	+0.5
H11N2	baz=181, slow=12, SNR=3.4					07 42 44.6	
TBI	Tubuai	39.48	103	eP	S	07 01 50.0	+0.3
TBI	comp=Z, 559nm, 1.0s					07 07 48.2	-1.5
TBI	comp=Z, 6um, 32.0s					07 12 24.7	
TBI	comp=Z, 61um, 32.8s						
TBI	comp=Z, 37um, 29.8s						
PAE	Paea	40.02	94	eP	P	07 01 54.2	0.0
PAE	comp=Z, 60nm, 1.2s					07 01 54.7	+0.3
PPT2	Papeete2	40.03	94	eP	S	07 07 56.4	-1.8
PPT2	comp=Z, 308nm, 1.1s					07 11 01.1	
PPT2	comp=Z, 8um, 29.0s					07 12 42.3	
PPT2	comp=Z, 84um, 30.5s						
PPT2	comp=Z, 76um, 28.0s, baz=257					07 01 54.2	-0.2
PPT	Papeete	40.04	94	P	P	07 01 54.2	-0.2
PPT	comp=Z, 85nm, 0.7s, baz=220, slow=4.3, SNR=4.9					07 14 39.3	
PPT	comp=Z, 10um, 19.9s, baz=254, slow=3.0						
XMAS	Kiritimati	40.13	61	PFAKE	LR	07 02 10.0	+1.5
XMAS	comp=Z, 31um, 20.0s						
TIAR	Tiare	40.26	94	eP	P	07 01 56.5	+0.3
TIAR	comp=Z, 170nm, 1.1s					07 01 54.6	-1.9
GUMO	Guam	40.30	324	P	P	07 01 58.7	+2.3
GUMO	comp=Z, 85nm, 0.8s, baz=8.1, slow=14, SNR=2.2					07 01 56.9	+0.2
GUMO	comp=Z, 238um, 21.2s, baz=138, slow=3.4					07 02 00.6	+0.7
GUMO	Guam	40.30	324	eP	P	07 02 05.9	+0.2
GUMO	comp=Z, 2um, 1.6s					07 02 12.0	+0.4
TVO	Taravao	40.31	94	eP	P	07 02 13.3	+0.1
TVO	comp=Z, 53nm, 0.9s					07 02 14.4	+0.8
MEH	Mehetia	41.40	95	eP	P	07 02 20.0	+6.4
MEH	baz=41, SNR=18						
PMOR	Pomario Rie	42.13	91	eP	P	07 02 16.4	+0.1
PMOR	comp=Z, 116nm, 1.2s					07 02 17.1	-1.6
VAH	Vaihoa	42.33	91	eP	P	07 02 23.5	+0.9
VAH	comp=Z, 783nm, 1.2s					07 02 22.9	+0.3
SARN	Sarigan	42.39	327	eP	P	07 02 16.4	+0.1
SARN	Johnston Islan	42.40	33	PFAKE	LR	07 02 17.1	-1.6
JOHN	Johnston Islan	42.40	33	PFAKE	LR	07 02 23.5	+0.9
JOHN	comp=Z, 28um, 21.0s					07 02 22.9	+0.3
PALU	Palau	42.72	306	P	P	07 02 16.4	+0.1
PALU	baz=43, SNR=19					07 02 17.1	-1.6
KMBL	Kambalda	43.02	245	P	P	07 02 23.5	+0.9
KMBL	baz=43, SNR=66					07 02 22.9	+0.3
SOEI	Soe	43.47	277	P	P	07 02 22.9	+0.3
SOEI	baz=44, SNR=34						
SOEI	Soe	43.47	277	eP	P	07 02 22.9	+0.3
SOEI	comp=Z, 3um, 1.5s						
SOEI	comp=Z, 25um, 19.0s						

2010 DEC

TNTI	Ternate	44.88	292	eP	P	07 02 35.8	+1.9
TNTI	comp=Z, 2.4um, 2.3s						
TNTI	comp=Z, 14um, 18.0s						
MBWA	Marble Bar	45.24	259	P	P	07 02 37.1	+0.5
MBWA	Marble Bar	45.24	259	PFAKE	LR	07 02 50.0	+1.3
MBWA	MBWA						
MMRI	Maumere	45.73	277	eP	P	07 02 40.0	-0.5
MMRI	comp=Z, 1um, 1.2s						
MMRI	comp=Z, 13um, 21.0s						
KLBR	Kellerbar	46.55	245	P	P	07 02 45.1	-1.7
KLBR	baz=47, SNR=66					07 02 49.3	-1.4
NWAO	Narogin (SRO)	47.05	243	eP	P	07 02 50.7	0.0
NWAO	comp=Z, 630nm, 1.0s						
NWAO	Narogin (SRO)	47.05	243	eP	P	07 02 49.3	-1.4
NWAO	SNR=26						
NWAO	Narogin (SRO)	47.05	243	eP	P	07 02 49.3	-1.4
NWAO	comp=Z, 629nm, 1.0s						
NWAO	comp=Z, 25um, 20.0s						
RKGY	Rocky Gully	47.37	241	P	P	07 02 52.3	-0.9
RKGY	baz=48, SNR=20					07 02 52.0	-1.6
BLDU	Balidu	47.43	246	P	P	07 02 57.0	-1.3
BLDU	baz=48, SNR=59					07 02 59.0	-0.3
MORU	Morawa	48.13	287	P	P	07 02 59.0	-0.3
MORU	baz=48, SNR=34					07 03 09.0	+0.8
LUWI	Luwuk	48.13	287	eP	P	07 03 08.0	-0.3
LUWI	baz=48, SNR=18						
LUWI	Luwuk	48.13	287	eP	P	07 03 08.0	-0.3
LUWI	comp=Z, 1um, 1.1s						
KAPI	Kappang	49.30	281	P	P	07 03 08.0	-0.3
KAPI	SNR=99					07 03 08.2	0.0
KAPI	Kappang	49.30	281	eP	P	07 03 08.2	0.0
KAPI	comp=Z, 3um, 1.7s, SNR=64						
KAPI	Kappang	49.30	281	eP	P	07 03 13.2	+2.1
KAPI	comp=Z, 1um, 1.4s					07 03 20.0	+8.8
DAV	Davao City (W)	49.67	298	P	P	07 03 13.2	+2.1
DAV	SNR=13						
MIDW	Midway	49.73	17	PFAKE	LR	07 03 40.0	+1.1
MIDW	comp=Z, 8um, 21.0s					07 03 40.0	+7.2
KEKH	Kekaha	52.05	39	PFAKE	LR	07 03 40.0	+6.8
KEKH	comp=Z, 21um, 21.						

KSJMJ	Jumunjin	68.27 327	P	P	07 05 23.4 +3.7
GNR=15					
GZH	Gangzhou	68.37 306	P	P	07 05 21.0 +0.4
GZH			PcP	PcP	07 05 47.0 +1.1
GZH			PP	PP	07 07 56.8 +4.8
GZH			S	S	07 14 18.0 -1.7
GZH			PMZ		
comp=Z,7µm,8.8s					
GZH			LN		
GZH			LE		
comp=Z,11µm,17.1s					
comp=Z,13µm,17.7s					
KSRS	Korea Array	68.38 326	P	P	07 05 19.4 -0.9
comp=Z,16nm,0.7s,baz=143,slow=5.9,SNR=27					
KSRS			PK2bc		
comp=Z,2.9nm,1.0s,baz=343,slow=3.9,SNR=4.9					
KSRS			LR	LR	07 33 39.9
comp=Z,6µm,18.0s,baz=138,slow=36					
KSRS	Korea Array	68.38 326	P	P	07 05 19.5 -0.9
comp=Z,16nm,0.7s			pmax	pmax	
KSRS			pmax	pmax	
comp=Z,3.0nm,1.0s					
KSRS			MLR	MLR	
comp=Z,6µm,18.0s					
KSAR	Wonju Array Be	68.39 326	P	P	07 05 19.5 -0.9
KSAR	Wonju Array Be	68.39 326	P	P	07 05 19.4 -0.9
KS01	Wonju Array Si	68.41 326	eP	P	07 05 18.8 -1.7
KSICH	Icheon	68.52 326	P	P	07 05 24.7 +3.4
SNR=8.1					
KTGM	Kuala Trenggan	68.59 284	UP	P	07 05 25.5 +3.3
KSSES	Seosan	68.66 325	P	P	07 05 24.4 +2.3
SNR=9.8					
KSCHC	Chuncheon	68.68 327	P	P	07 05 26.7 +4.4
SNR=11					
KSIIA	INJE	68.68 327	P	P	07 05 26.2 +3.9
SNR=21					
KSSKC	Sokcho	68.70 327	P	P	07 05 26.1 +3.8
SNR=11					
KSSWO	Suwon	68.74 326	P	P	07 05 26.7 +4.1
SNR=9.9					
SEHB	SEOHWA	68.82 327	P	P	07 05 26.9 +3.8
SNR=7.4					
QIZ	Qiongzhong	68.96 300	P	P	07 05 23.0 -1.4
QIZ			pP	pP	07 05 33.5 -1.7
QIZ			sP	sP	07 07 38.8 -0.4
QIZ			S	S	07 14 32.0 +5.1
QIZ			sS	sS	07 14 45.5 +0.8
QIZ			ScS	ScS	07 15 23.0 +0.3
QIZ			LN		
comp=Z,4µm,16.5s					
QIZ			LE		
QIZ			LN		
comp=Z,7µm,17.1s					
QIZ	Qiongzhong	68.96 300	eP	P	07 05 27.2 +2.8
comp=Z,104nm,1.2s					
QIZ			LR	LR	
comp=Z,6µm,18.0s					
KSCWO	Cheorwon	69.06 327	P	P	07 05 28.6 +4.0
SNR=16					
INCN	Inchon	69.08 326	P	P	07 05 28.5 +3.7
SNR=26					
INCN	Inchon	69.08 326	eP	P	07 05 24.7 0.0
comp=Z,928nm,1.2s					
INCN			LR	LR	
comp=Z,8µm,20.0s					
FRIM	Kepong	69.16 282	UP	P	07 05 27.8 +2.0
KSDCC	Dongducheon	69.16 326	P	P	07 05 29.1 +3.9
SNR=13					
KSMUS	Musan	69.31 326	P	P	07 05 29.8 +3.7
SNR=12					
YNCB	YEONCHEON	69.34 326	P	P	07 05 30.5 +4.2
SNR=7.8					
KSGAH	Ganghwa	69.34 326	P	P	07 05 30.4 +4.0
SNR=12					
NJ2	Nanjing	69.89 317	eP	P	07 05 32.0 +2.2
NJ2			pP	pP	07 05 39.0 -1.7
NJ2			sP	sP	07 05 44.3 -0.4
NJ2			S	S	07 14 41.3 +4.0
NJ2			sS	sS	07 14 54.3 -0.9
NJ2			PMZ		
comp=Z,80nm,0.9s					
NJ2			PMZ		
comp=Z,980nm,6.3s					
NJ2			LN		
comp=Z,10µm,19.0s					
NJ2			LE		
comp=Z,6µm,19.5s					
IPM	Iphoh	70.19 282	UP	P	07 05 34.8 +2.6
IPM	Iphoh	70.19 282	eP	P	07 05 33.6 +1.5
comp=Z,254nm,1.2s					
IPM			LR	LR	
comp=Z,11µm,19.0s					
YSS	Yuzh-Sakhalins	70.26 342	eP	P	07 05 29.0 -2.8
YSS			e	e	07 05 47.0
YSS			ePPP	PPP	07 08 10.0
YSS			iS	S	07 09 46.0
YSS			eSS	SS	07 14 44.0 +2.9
YSS			pmax	pmax	07 19 04.0 -8.4
comp=Z,120nm,1.0s					
YSS			pmax	pmax	
comp=Z,4µm,4.0s					
YSS			smax	smax	
comp=N,9µm,12.0s					
YSS			smax	smax	
comp=E,12µm,12.0s					
YSS	Yuzh-Sakhalins	70.26 342	eP	P	07 05 32.0 +0.2
comp=E,3µm,2.9s					
YSS			LR	LR	
comp=Z,12µm,20.0s					
UBPT	Khong Chiam	70.79 295	P	P	07 05 38.3 +2.6
comp=Z,259nm,1.4s,comp=Z,5µm					
KULM	Kulim	70.85 283	UP	P	07 05 39.4 +3.3
KULM	Kulim	70.85 283	eP	P	07 05 37.5 +1.4
comp=Z,403nm,1.6s					
KULM			LR	LR	
comp=Z,13µm,22.0s					
VLA	Vladivostok	70.92 333	iP	P	07 05 37.6 +1.7
VLA			pmax	pmax	
comp=Z,623nm,1.9s					
SKR	Severo-Kuril's	70.95 352	eP	P	07 05 34.5 -1.4
SKR			e	e	07 05 52.0
SKR			e	e	07 08 21.0
SKR			eS	S	07 14 50.0 +1.0
SKR			e	e	07 15 22.0
SKR			ePS	PnS	07 15 23.0 +2.4
SKR			pmax	pmax	
comp=N,220nm,1.0s					
SKR			pmax	pmax	
comp=E,310nm,1.0s					
SKR			pmax	pmax	
comp=Z,220nm,1.0s					
SKR			pmax	pmax	
comp=Z,5µm,4.0s					
SKR			pmax	pmax	
comp=N,4µm,8.0s					
SKR			pmax	pmax	
comp=E,4µm,4.0s					
SKR			smax	smax	
comp=N,6µm,16.0s					
SKR			smax	smax	
comp=E,11µm,16.0s					
SKR			MLR	MLR	
comp=N,6µm,18.0s					
SKR			MLR	MLR	
comp=E,6µm,18.0s					
SKR			MLR	MLR	
comp=Z,9µm,18.0s					
PSI	Prapat	71.50 280	eP	P	07 05 37.9 -2.4
PSI			pmax	pmax	
comp=Z,464nm,1.5s					
PSI			MLR	MLR	
comp=Z,15µm,20.0s					
PSI	Prapat	71.50 280	P	P	07 05 38.9 -1.4
baz=72,SNR=6.1					
PSI	Prapat	71.50 280	eP	P	07 05 37.9 -2.4
comp=Z,464nm,1.5s					
PSI			LR	LR	
comp=Z,15µm,20.0s					
SKLT	Songkhla	71.61 285	P	P	07 05 43.3 +2.6
comp=Z,262nm,0.8s,comp=Z,5µm					
USRK	Ussuriysk Ar.	71.75 333	P	P	07 05 40.6 -0.3

USRK	comp=Z,44nm,0.9s,baz=145,slow=4.3,SNR=32		LR	LR	07 35 06.5
WHN	Wuhan	71.95 313	UP	P	07 05 41.5 -0.9
WHN			eP	eP	07 05 56.0 -1.3
WHN			pP	pP	07 06 05.8 +4.9
WHN			S	S	07 15 04.0 +2.6
WHN			PMZ		
comp=Z,1µm,2.1s					
WHN			PMZ		
comp=Z,4µm,6.1s					
WHN			LN		
WHN			LN		
comp=Z,13µm,15.2s					
WHN			LN		
comp=Z,11µm,18.1s					
WHN			LZ		
GSJ	Gunungsitoli	72.21 278	eP	P	07 05 43.5 -0.9
comp=Z,16µm,20.6s					
GSJ			LR	LR	
comp=Z,743nm,1.3s					
SMY	Shemya	72.39 4	eP	P	07 05 46.7 +2.2
SMY			pmax	pmax	
comp=Z,981nm,1.2s					
SMY			MLR	MLR	
comp=Z,15µm,22.0s					
SMY	Shemya	72.39 4	eP	P	07 05 46.7 +2.2
comp=Z,981nm,1.2s					
SMY			LR	LR	
comp=Z,15µm,22.0s					
TRTT	Trang	72.72 285	P	P	07 05 50.5 +3.1
DL2	Dalian	72.83 324	P	S	07 05 46.5 -1.0
DL2			S	S	07 15 13.5 +2.4
DL2			PMZ		
comp=Z,95nm,1.2s					
DL2			LN		
comp=Z,2µm,5.2s					
DL2			PMZ		
comp=Z,4µm,17.3s					
DL2			LZ		
comp=Z,4µm,23.5s					
SKNT	Sakolnakhon	72.84 296	P	P	07 05 47.9 -0.1
comp=Z,299nm,1.1s,comp=Z,5µm					
PET	Petropavlovsk	72.96 354	eP	P	07 05 49.7 +1.8
PET			eS	eS	07 15 15.3 -2.9
PET			pmax	pmax	
comp=Z,141nm,1.0s					
PET			pmax	pmax	
comp=Z,2µm,11.5s					
PET			pmax	pmax	
comp=Z,4µm,14.1s					
PET			smax	smax	
comp=N,4µm,18.8s					
PET			smax	smax	
comp=E,11µm,18.4s					
PET			smax	smax	
comp=N,4µm,12.8s					
PET			smax	smax	
comp=E,7µm,19.2s					
PET	Petropavlovsk	72.96 354	eP	P	07 05 50.0 +2.1
comp=E,1µm,2.3s					
PET			LR	LR	
comp=Z,19µm,22.0s					
MDJ	Mudanjiang	73.11 332	P	P	07 05 48.3 -0.7
MDJ			pP	pP	07 05 58.5 -1.4
MDJ			sP	sP	07 06 01.0 -2.9
MDJ			PMZ		
comp=Z,220nm,1.7s					
MDJ			PMZ		
comp=Z,3µm,6.1s					
MDJ			LN		
comp=Z,5µm,22.6s					
MDJ			LE		
comp=Z,7µm,20.2s					
MDJ			LZ		
comp=Z,9µm,20.2s					
MDJ	Mudanjiang	73.11 332	eP	P	07 05 49.1 0.0
comp=Z,664nm,1.3s					
MDJ			LR	LR	
comp=Z,10µm,20.0s					
PETK	Petropavlovsk	73.14 353	P	P	07 05 47.5 -1.5
comp=Z,19nm,0.7s,baz=142,slow=7.4,SNR=31					
PETK			LR	LR	07 33 26.2
SURA	Surathani	73.31 286	P	P	07 05 54.8 +4.0
comp=Z,96nm,1.9s					
ATKA	Atka Island	73.31 11	eP	P	07 05 50.5 +0.5
comp=Z,632nm,1.4s					
ATKA			LR	LR	
comp=Z,11µm,19.0s					
KHON	Khomkaen	73.52 295	P	P	07 05 54.6 +2.5
comp=Z,69nm,1.1s,comp=Z,2µm					
TIA	Tai'an	73.67 319	UP	S	07 05 51.3 -1.2
TIA			PMZ	PMZ	07 15 23.5 +2.7
TIA			PMZ		
comp=Z,180nm,1.4s					
TIA			PMZ		
comp=Z,4µm,5.2s					
TIA			LN		
comp=Z,8µm,16.0s					
TIA			LE		
comp=Z,8µm,18.3s					
TIA			LZ		
comp=Z,10µm,17.2s					
PATY	Pattaya	73.75 290	P	P	07 05 56.6 +3.2
comp=Z,40nm,1.0s,comp=Z,857nm					

1759

2010 DEC

29d 6h

J04D	Umpqua Nationa baz=242,SNR=12	89.50	43	P	P	07 07 15.0	-1.2
MPMC	Manual Prospec baz=245,SNR=36	89.51	51	P	P	07 07 16.3	-0.1
DAC	Darwin (Calif)	89.53	51	eP	pmax	07 07 15.4	-1.1
DAC	comp=Z,274nm,1.5s						
DAC	comp=Z,111um,21.0s			MLR	MLR		
DAC	Darwin (Calif)	89.53	51	eP	P	07 07 15.4	-1.1
DAC	comp=Z,274nm,1.5s						
DAC	comp=Z,111um,21.0s			LR	LR		
I04A	Tendick Farm, baz=242	89.57	43	P	P	07 07 15.2	-1.1
DHY	Denali Highway comp=Z,40nm,1.1s	89.64	19	eP	P	07 07 15.9	-0.3
DHY	comp=Z,15um,18.0s			LR	LR		
MCK	McKinley	89.68	18	eP	P	07 07 16.4	+0.1
MCK	comp=Z,111nm,1.2s						
MCK	comp=Z,10um,20.0s			MLR	MLR		
MCK	McKinley	89.68	18	eP	P	07 07 16.4	+0.1
MCK	comp=Z,111nm,1.2s						
MCK	comp=Z,10um,20.0s			LR	LR		
GSC	Goldstone	89.70	52	eP	pmax	07 07 18.0	+0.9
GSC	comp=Z,134nm,1.3s						
GSC	comp=Z,9um,20.0s			MLR	MLR		
GSC	Goldstone	89.70	52	P	P	07 07 17.1	-0.1
GSC	baz=245,SNR=12						
GSC	Goldstone	89.70	52	eP	P	07 07 18.0	+0.9
GSC	comp=Z,134nm,1.3s						
GSC	comp=Z,9um,20.0s			LR	LR		
G03D	McMinnville, O baz=241,SNR=10	89.71	41	P	P	07 07 16.3	-0.5
YK2U	Yakutat	89.71	24	PFAKE	LR		
YK2U	comp=Z,10um,20.0s						
BELC	Belle Mtn, Jos baz=243,SNR=15	89.77	54	P	P	07 07 16.8	-0.8
VN1A	Nunivak-Sitat	89.78	181	P	P	07 07 18.0	+1.2
HARP	HAARP	89.83	20	eP	P	07 07 17.6	+0.6
HARP	comp=Z,93nm,1.3s						
HEC	Hector,Ludlow Pinnacle	89.86	53	P	P	07 07 17.4	-0.5
PCA	comp=Z,8um,19.0s						
PCA	baz=246,SNR=19						
PCA	Pinnacle	89.88	23	PFAKE	LR		
PCA	comp=Z,15um,18.0s						
CRAG	Craig	89.89	29	PFAKE	LR		
CRAG	comp=Z,12um,20.0s						
NV01	Mina Array	89.93	49	eP	P	07 07 15.4	-2.9
NVAR	Mina Array	89.93	49	P	P	07 07 16.3	-2.0
NVAR	comp=Z,1.1nm,0.7s,baz=235,slow=5.5,SNR=48						
NVAR	comp=Z,1.1nm,0.7s,baz=235,slow=3.2,SNR=2.3						
NVAR	comp=Z,1.0nm,0.6s,baz=32,slow=3.5,SNR=4.2						
NVAR	comp=Z,19.9s,baz=261,slow=31						
GRAC	Grapevine Rang baz=245,SNR=37	89.99	50	P	P	07 07 17.9	-0.5
DHAK	Deception Hill	89.99	25	PFAKE	LR		
DHAK	comp=Z,12um,18.0s						
PALK	Pallekele	90.04	278	P	P	07 07 19.0	-0.1
PALK	comp=Z,40nm,0.9s,baz=116,slow=2.2,SNR=10						
PALK	Pallekele	90.04	278	P	P	07 07 19.0	-0.1
PALK	comp=Z,40nm,0.9s,baz=116,slow=2.2,SNR=10						
PALK	SNR=8.3						
PALK	Pallekele	90.04	278	eP	P	07 07 21.9	+2.8
PALK	comp=Z,113nm,1.1s						
BC3	Big Chuckawall baz=246	90.05	54	P	P	07 07 18.2	-0.7
MOD	Modoc	90.08	45	eP	P	07 07 17.2	-1.6
MOD	comp=Z,264nm,1.0s						
J05D	Fort Rock, OR	90.09	44	P	P	07 07 17.6	-1.3
H04A	Detroit Lake	90.13	42	eP	P	07 07 17.0	-1.9
H04A	comp=Z,338nm,1.0s						
ZAK	Zakamensk	90.13	325	eP	pmax	07 07 17.6	-1.2
ZAK	comp=Z,191nm,1.3s						
PAX	Paxson	90.14	19	eP	pmax	07 07 18.6	+0.1
PAX	comp=Z,60nm,1.6s						
PAX	comp=Z,8um,18.0s			MLR	MLR		
PAX	comp=Z,60nm,1.6s						
PAX	comp=Z,8um,18.0s			LR	LR		
FURC	Furnace Creek, baz=245,SNR=19	90.14	51	P	P	07 07 18.2	-0.8
G04A	Mulino	90.19	41	eP	P	07 07 20.1	+1.0
MLY	Manley	90.19	16	eP	P	07 07 15.7	-3.0
MLY	comp=Z,53nm,1.3s						
MLY	comp=Z,7um,20.0s			LR	LR		
F04D	Rainier, OR baz=241	90.28	40	P	P	07 07 19.3	-0.2
GLA	Glamis	90.29	55	eP	pmax	07 07 21.5	+1.6
GLA	comp=Z,269nm,1.1s						
GLA	comp=Z,6um,19.0s			MLR	MLR		
GLA	Glamis	90.29	55	P	P	07 07 19.0	-0.9
GLA	baz=247,SNR=16						
GLA	Glamis	90.29	55	eP	P	07 07 21.5	+1.6
GLA	comp=Z,269nm,1.1s						
GLA	comp=Z,6um,19.0s			LR	LR		
SHOC	Shoshone	90.34	52	P	P	07 07 19.5	-0.5
GMRC	Granite Mounta baz=246,SNR=16	90.34	53	P	P	07 07 19.6	-0.7
NLWA	Neilton Lookou baz=226nm,1.0s	90.40	39	eP	P	07 07 20.4	+0.3
NLWA	comp=Z,8um,19.0s			LR	LR		
OSR	Olympics-Salm Turquoise Moun	90.40	39	P	P	07 07 20.4	+0.4
TUQ	90.41	52	P	P	07 07 19.7	-0.8	
IRM	Iron Mountain baz=246,SNR=31	90.48	54	P	P	07 07 20.6	-0.2
WRH	Wood River Hill comp=Z,51nm,1.0s	90.48	17	eP	P	07 07 18.2	-1.7
WRH	comp=Z,9um,19.0s			LR	LR		
I05D	Terrebonne, OR baz=243	90.51	43	P	P	07 07 20.3	-0.4
IRK	Irkutsk	90.59	326	eP	pmax	07 07 21.2	+0.4
IRK	comp=Z,233nm,3.4s						
IRK	comp=Z,233nm,3.4s						
TLY	Talaya	90.62	326	P	P	07 07 20.3	-0.6
TLY	comp=Z,21nm,0.7s,baz=188,slow=1.4,SNR=21						
TLY	Talaya	90.62	326	eP	P	07 07 18.4	-2.5
TLY	comp=Z,174.8e-1.6						
TLY	comp=Z,174.8e-1.6						
TLY	comp=Z,174.8e-1.6						
TLY	comp=Z,174.8e-1.6						
TLY	comp=Z,231nm,1.6s			MLR	MLR		
TLY	comp=Z,5um,18.0s						
TLY	Talaya	90.62	326	P	P	07 07 20.8	-0.2
TLY	SNR=34						
TLY	Talaya	90.62	326	P	P	07 07 20.7	-0.2
TLY	comp=Z,632nm,1.1s,SNR=17						
TLY	Talaya	90.62	326	eP	P	07 07 20.1	-0.8
TLY	comp=Z,140nm,1.1s			LR	LR		

LVP	comp=Z,6um,19.0s						
CCB	Lakeview Peak Clear Creek Bu comp=Z,32nm,0.9s	90.64	41	P	P	07 07 19.9	-1.4
CCB	comp=Z,10um,19.0s	90.70	17	eP	LR	07 07 18.0	-2.9
HDA	Harding Lake	90.76	18	eP	P	07 07 21.4	+0.1
HDA	comp=Z,91nm,1.0s			LR	LR		
Y12C	Blythe	90.80	54	P	P	07 07 21.9	-0.3
WRAK	Wrangell Islan baz=247,SNR=12	90.81	29	eP	P	07 07 20.6	-1.1
WRAK	comp=Z,120nm,1.0s			LR	LR		
CHLP	Challavanipeta	90.81	289	eP	IAMB	07 07 21.5	-1.0
CHLP	comp=Z,119nm,1.1s						
CHLP	comp=Z,2um,23.2s						
MDM	Murphy Dome comp=Z,67nm,1.1s	90.82	17	eP	P	07 07 18.7	-2.9
MDM	comp=Z,10um,19.0s			LR	LR		
SWFL	Southwest Flan Taplejung	90.83	41	eP	P	07 07 23.0	+0.7
TAPN	comp=Z,119nm,1.2s	90.83	299	eP	P	07 07 23.3	+0.4
COLA	College	90.86	17	eP	P	07 07 19.2	-2.5
COLA	comp=Z,65nm,1.1s						
COLA	comp=Z,10um,18.0s			MLR	MLR		
COLA	College	90.86	17	eP	P	07 07 20.5	-1.2
COLA	comp=Z,53nm,0.8s						
COLA	comp=Z,10um,19.0s			LR	LR		
LDFC	Landfair	90.88	53	PFAKE	LR		
LDFC	comp=Z,9um,20.0s						
ODAN	Odara	90.92	298	eP	P	07 07 23.1	-0.1
ODAN	comp=Z,137nm,1.1s						
G05D	Wamic, OR	90.94	42	P	P	07 07 22.2	-0.4
ILAR	baz=243,SNR=15	91.05	18	P	P	07 07 20.2	-2.4
ILAR	Eielsen Array	91.05	18	P	P	07 07 20.2	-2.4
ILAR	comp=Z,1.1nm,0.7s,baz=235,slow=5.6,SNR=35						
ILAR	comp=Z,1.7nm,0.8s,baz=242,slow=3.6,SNR=4.5						
ILAR	comp=Z,0.9nm,0.8s,baz=342,slow=1.7,SNR=7.5						
ILAR	comp=Z,2.5nm,1.0s,baz=31,slow=0.5,SNR=9.5						
ILAR	comp=Z,9um,18.8s,baz=236,slow=0.4			LR	LR		
DOT	Dot Lake	91.07	19	eP	P	07 07 22.5	-0.3
DOT	comp=Z,144nm,1.0s						
BOK	Bokaro	91.08	295	eP	P	07 07 22.8	-0.9
NEE2	Needles Airpor	91.12	53	P	P	07 07 23.3	-0.4
VIS	Vishakhapatnam	91.19	288	eP	P	07 07 24.1	-0.3
PGC	PGC	91.25	38	eP	P	07 07 24.2	+0.4
PGC	comp=Z,265nm,1.0s			LR	LR		
PGC	comp=Z,8um,18.0s						
PDMCI	Parker Dam,Lak baz=247,SNR=24	91.31	54	P	P	07 07 24.2	-0.3
LON	Longmire	91.33	40	eP	pmax	07 07 22.7	-1.7
LON	comp=Z,130nm,1.1s						
LON	Longmire	91.33	40	eP	P	07 07 22.7	-1.7
LON	comp=Z,130nm,1.1s						
SKAG	Skagway	91.37	25	eP	P	07 07 23.0	-1.1
SKAG	comp=Z,7um,20.0s						
SKAG	comp=Z,137nm,1.0s			LR	LR		
SKAG	comp=Z,12um,18.0s						
YTHM	Trough	91.39	42	P	P	07 07 24.3	-0.4
SHPR	Sheep Range	91.41	52	eP	P	07 07 26.3	+1.1
WVOR	Wild Horse Val WVOR	91.42					

29d 6h

HYBD	comp=Z,78nm,1.3s	IAMB	IAMB	07 07 52.4	
HYBB		eSKSAC	SKSAC	07 18 18.7 +1.1	
HYBB		IVMS_BB	IVMS_BB	07 47 48.0	
CTU	comp=Z,1.1um,20.8s	95.47	49 eP	P	07 07 44.9 +1.1
121A	Cookes Peak, D comp=Z,33nm,1.1s	95.61	58 eP	P	07 07 44.2 -0.5
121A	Cookes Peak, D baz=250	95.61	58 eP	P	07 07 45.5 +0.9
JLU	Jordanelle comp=Z,21nm,1.0s	95.65	49 eP	P	07 07 45.1 +0.4
JLU			LR	LR	
HLJ	comp=Z,15um,20.0s	95.69	49 eP	P	07 07 49.0 +4.2
DAU	Daniels Canyon	95.72	49 eP	P	07 07 48.7 +3.6
DAU	Daniels Canyon	95.72	49 eP	P	07 07 48.7 +3.6
P17A	Butcher Ranch, comp=Z,372nm,2.8s	95.76	50 eP	P	07 07 46.6 +1.5
P17A			LR	LR	
SRU	comp=Z,1.0um,22.0s	95.79	51 eP	P	07 07 45.6 +0.3
SRU			eP	pmax	
SRU	comp=Z,30nm,0.9s			MLR	
SRU	comp=Z,1.4um,20.0s	95.79	51 eP	P	07 07 45.6 +0.3
SRU	comp=Z,30nm,0.9s			LR	
HVS	comp=Z,1.4um,20.0s	95.86	322J eP	P	07 07 44.4 -0.8
HVS	comp=Z,53nm,0.7s			MLR	
HVS	comp=Z,13um,15.0s			MLR	
HWUT	Hardware Ranch comp=Z,19nm,0.8s	95.93	48 eP	P	07 07 44.7 -1.2
HWUT			LR	LR	
SRSP	comp=Z,6um,21.0s	96.05	288 eP	IAMB	07 07 47.6 +0.9
SRSP				IAMB	07 07 55.1
SRSP	comp=Z,73nm,1.3s			PP	07 11 35.7 -4.1
SRSP			eSKSAC	SKSAC	07 18 21.4 +0.5
SRSP			eSKSAC	SKSAC	07 19 09.2
SRSP			IVMS_BB	IVMS_BB	07 44 45.4
BSMT	comp=Z,1um,31.3s	96.12	41 eP	P	07 07 44.5 -2.1
NGP	Bassoo Peak	96.13	290 eP	x	07 07 48.4 +1.3
NGP	Nagpur		ex	x	07 18 24.3
NGP			ex	x	07 52 18.7
P18A	comp=Z,4um,20.5s	96.17	50 eP	P	07 07 47.6 +0.4
P18A	Preston Nutter comp=Z,52nm,1.5s			LR	
P18A			LR	LR	
MCMT	comp=Z,1.9um,21.0s	96.23	45 eP	P	07 07 47.5 +0.2
MSO	McKenzie Canyo Missoula	96.23	42 eP	P	07 07 46.2 -1.0
MSO	Missoula baz=248	96.27	42 eP	P	07 07 46.0 -1.1
MSO	Missoula comp=Z,250nm,3.0s			LR	
MSO			LR	LR	
JTMT	comp=Z,9um,18.0s	96.40	42 eP	P	07 07 47.8 0.0
SWMT	Jette	96.48	42 eP	P	07 07 48.5 +0.3
DLMT	Swartz Lake	96.59	44 eP	P	07 07 48.0 -0.8
DLMT	Dillon comp=Z,46nm,1.0s			LR	
DLMT			LR	LR	
YBMT	comp=Z,16um,20.0s	96.61	42 eP	P	07 07 48.1 -0.7
MVCO	Yellow Bay	96.63	53 eP	P	07 07 48.8 -0.5
MVCO	Mesa Verde baz=250	96.63	53 eP	P	07 07 51.5 +2.2
MVCO	Mesa Verde comp=Z,192nm,2.6s			LR	
MVCO			LR	LR	
AHID	comp=Z,9um,21.0s	96.67	47 eP	P	07 07 49.0 -0.3
AHID	Auburn Hatcher comp=Z,16nm,0.9s			LR	
LAZ	comp=Z,6um,22.0s	96.74	56 eP	P	07 07 50.7 +0.9
Y22D	Ladron	96.81	56 eP	P	07 07 50.0 0.0
Y22D	IRIS PASCALL I baz=251	96.84	314 eP	P	07 07 49.0 -0.8
WMQ	Urumqi		pP	pP	07 07 58.8 -2.1
WMQ			SP	SP	07 08 07.3 +2.4
WMQ			PP	PP	07 11 47.5 +2.0
WMQ			SKS	SKS	07 18 21.0 -3.2
WMQ			S	ScS	07 19 11.0 +1.2
WMQ			PMZ		
WMQ	comp=Z,45nm,1.3s			PMZ	
WMQ	comp=Z,1um,6.0s			LN	
WMQ	comp=Z,8um,17.9s			LE	
WMQ	comp=Z,6um,17.9s			LZ	
LRM	comp=Z,5um,20.0s	96.85	44 eP	P	07 07 49.8 -0.3
REDW	Limekiln Ridge	97.05	47 eP	Pdfff	07 07 51.1 0.0
REDW	Red Top Meadow comp=Z,37nm,1.1s			LR	
REDW			LR	LR	
BNM	comp=Z,7um,20.0s	97.06	56 eP	Pdfff	07 07 52.0 +0.6
LPM	Barren Site	97.11	56 eP	Pdfff	07 07 52.1 +0.5
WALA	Los Pinos Moun	97.12	40 eP	Pdfff	07 07 51.3 +0.2
WALA	Waterton Lakes comp=Z,23nm,1.1s			LR	
SNOW	comp=Z,9um,18.0s	97.15	46 eP	Pdfff	07 07 52.1 +0.5
SNOW	Snow King Moun			LR	
SNOW	comp=Z,29nm,1.1s			LR	
QLMT	comp=Z,10um,22.0s	97.17	45 eP	Pdfff	07 07 52.5 +0.9
MOOW	Earthquake Lak	97.25	46 eP	Pdfff	07 07 51.8 -0.1
MOOW	Moose Ponds comp=Z,25nm,1.2s			LR	
MOOW			LR	LR	
MNTX	comp=Z,11um,22.0s	97.27	59 eP	P	07 07 51.5 -0.5
MNTX	Cornudas Mount baz=251	97.27	59 eP	P	07 07 51.6 -0.4
MNTX	Cornudas Mount comp=Z,46nm,1.3s			LR	
MNTX			LR	LR	
LOHW	comp=Z,8um,20.0s	97.30	46 eP	P	07 07 51.1 -1.0
LOHW	Long Hollow comp=Z,23nm,1.1s			LR	
LOHW			LR	LR	
BOZ	comp=Z,9um,21.0s	97.33	44 eP	Pdfff	07 07 53.8 +1.6
BOZ	Bozeman (W)			pmax	
BOZ				MLR	
BOZ	comp=Z,32nm,1.2s			MLR	
BOZ	comp=Z,17um,20.0s	97.33	44 eP	P	07 07 51.7 -0.4
BOZ	Bozeman (W) baz=249	97.33	44 eP	Pdfff	07 07 53.8 +1.6
BOZ	Bozeman (W) comp=Z,32nm,1.2s			LR	
BOZ			LR	LR	
KLRI	comp=Z,17um,20.0s	97.35	286 eP	IAMB	07 07 50.7 -1.9
KLRI	Killar			IAMB	07 08 01.7
KLRI			eP	PP	07 11 46.3 -3.7
KLRI			eSKSAC	SKSAC	07 18 26.1 -1.8
KLRI			e		07 19 16.3
KLRI			IVMS_BB	IVMS_BB	07 52 20.0
INK	comp=Z,3um,22.5s	97.38	19 eP	PKKPbc	07 24 31.0 -1.2
INK	Inuvik			LR	
INK	comp=Z,0.8nm,0.5s,baz=34,slo=0.9,SNR=6.3			LR	07 48 07.5
INK	comp=Z,9um,19.8s,baz=238,slo=33	97.38	19 eP	P	07 07 49.8 -1.7
INK	Inuvik			pmax	
INK	comp=Z,64nm,1.1s	97.38	19 eP	P	07 07 49.8 -1.7
FLWY	comp=Z,64nm,1.1s	97.40	46 eP	Pdfff	07 07 53.0 +0.4
FLWY	Flagg Ranch comp=Z,24nm,1.0s			LR	
FLWY			LR	LR	
YMR	comp=Z,12um,22.0s	97.43	45 eP	Pdfff	07 07 53.4 +0.7
YMR	Madison River comp=Z,17nm,0.9s			LR	
YMR			LR	LR	

2010 DEC

YFT	Old Faithful comp=Z,18nm,1.0s	97.44	46 eP	Pdfff	07 07 54.6 +1.8
YFT			LR	LR	
ANMO	comp=Z,20um,19.0s	97.45	56f eP	P	07 07 52.1 -0.9
ANMO	Albuquerque			pmax	
ANMO	comp=Z,22nm,1.2s			MLR	
ANMO				MLR	
ANMO	comp=Z,6um,16.0s	97.45	56 eP	P	07 07 52.4 -0.5
ANMO	Albuquerque baz=251	97.45	56 eP	Pdfff	07 07 53.2 +0.2
ANMO	comp=Z,47nm,1.4s			LR	
ANMO				LR	
HRV	comp=Z,7um,22.0s	97.57	43 eP	Pdfff	07 07 53.6 +0.4
HRV	Holter Researc			P	
H17A	comp=Z,18nm,0.9s	97.59	46 eP	P	07 07 53.0 -0.4
H17A	Grant Village			Pdfff	
H17A	baz=250,SNR=12	97.59	46 eP	Pdfff	07 07 55.1 +1.6
H17A	Grant Village			Pdfff	
YNR	comp=Z,24nm,0.9s	97.63	45 eP	Pdfff	07 07 56.5 +2.8
YNR	Norris Junctio comp=Z,17nm,1.0s			LR	
YNR				LR	
BW06	comp=Z,14um,22.0s	97.73	47 eP	P	07 07 53.4 -0.7
BW06	Boulder Array baz=250	97.73	47 eP	P	07 07 52.8 -1.3
BW06	Boulder Array			eP	07 07 54.8 +0.6
BW06				LR	
PDAR	comp=Z,8um,19.0s	97.73	47 eP	P	07 07 52.7 -1.4
PDAR	Pinedale Array comp=Z,3.0nm,0.6s,baz=224,slo=4.1,SNR=20			PKKP	07 12 34.1 +6.0
PDAR				PKKP	
PDAR	comp=Z,2.8nm,1.0s,baz=214,slo=2.7,SNR=2.3			PKKP	07 24 33.8 +0.2
PDAR				PKKP	
PDAR	comp=Z,4.8nm,1.1s,baz=69,slo=5.5,SNR=3.8			PKPPK P'P'df	07 32 52.3 +1.0
PDAR				PKPPK P'P'df	
LKWY	comp=Z,19um,19.0s	97.77	46 eP	PFAKE	07 08 10.0 +1.6
LKWY	Lake			LR	
LKWY				LR	
O20A	comp=Z,1.9um,19.0s	97.80	50 eP	P	07 07 54.0 -0.4
O20A	White River Ci			P	
O20A	baz=251	97.80	50 eP	Pdfff	07 07 54.7 +0.2
O20A	White River Ci			LR	
O20A	comp=Z,45nm,1.3s			LR	
O20A				LR	
TX31	comp=Z,13um,20.0s	97.93	62 eP	P	07 07 54.8 -0.3
TXAR	Lajitas Ar. Si	97.93	62 eP	P	07 07 53.8 -1.3
TXAR	Lajitas Array			P	
TXAR	comp=Z,5.5nm,0.8s,baz=221,slo=4.6,SNR=57			PKKP	07 12 31.6 +2.9
TXAR				PKKP	
TXAR	comp=Z,1.4nm,1.1s,baz=195,slo=2.4,SNR=2.6			PKKPbc	07 24 31.0 +1.5
TXAR				PKKPbc	
TXAR	comp=Z,1.5nm,0.9s,baz=110,slo=4.5,SNR=6.8			PKPPK P'P'df	07 32 48.1 +4.5
TXAR				PKPPK P'P'df	
S22A	comp=Z,0.9nm,0.9s,baz=104,slo=7.5,SNR=3.6	98.06	53 eP	P	07 07 55.4 -0.4
S22A	4UR Ranch, Cre			Pdfff	07 07 56.8 +0.9
S22A	4UR Ranch, Cre comp=Z,21nm,1.0s			LR	
S22A				LR	
EFI	comp=Z,11um,21.0s	98.20	153 eP	PFAKE	07 08 10.0 +1.4
EFI	East Falkland			LR	
EFI				LR	
BHPL	comp=Z,3um,18.0s	98.22	292 eP	Pdfff	07 07 56.8 +0.3
BHPL	Bhopal			AMS	07 07 53.09.1
BHPL				AMS	
SMCO	comp=Z,6um,25.6s	98.41	51 eP	PFAKE	07 08 10.0 +1.3
SMCO	Snowmass			LR	
SMCO				LR	
RLMT	comp=Z,7um,20.0s	98.67	45 eP	Pdfff	07 07 59.3 +1.2
RLMT	Greycliff	98.72	45 eP	Pdfff	07 07 58.4 -0.1
RLMT	Red Lodge baz=251	98.72	45 eP	Pdfff	07 07 59.6 +1.2
RLMT	Red Lodge			LR	
RLMT	comp=Z,15nm,1.0s			LR	
UNM	comp=Z,17um,20.0s	98.75	73 eP	PFAKE	07 08 10.0 +1.1
UNM	Universidad Na			LR	
UNM				LR	
PLCA	comp=Z,11um,22.0s	98.81	139 eP	Pdfff	07 07 59.5 +0.6
PLCA	Paso Flores			Pdfff	
PLCA	comp=Z,2.3nm,1.0s,baz=261,slo=14.5,SNR=2.0			PKKPbc	07 24 31.8 +2.2
PLCA				PKKPbc	
PLCA	comp=Z,5.4nm,0.9s,baz=74,slo=5.1,SNR=6.9			PKPPK P'P'df	07 07 59.7 +0.3
PLCA	Paso Flores			Pdfff	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saint Aubin, Bardonecchia, BNI, VAE, SSB, WSD, VSL, KEST, etc.

IDC 29 07:02:23.0, 19:80S:168:20E, h0km, mb5.1/33, mb5.7/19, Ms5.5/4, Ms7.5/8.16

AUST 29 07:02:28.1, 3.2, 19:89S:168:16E, h102km, 28km, Error ellipse: s-maj=16.9km s-min=9.7km az=40.0

ISC 29 07:19:3.0, 19:84S:166:20E, h027km, m315, e131/23, mb5.5/75, 13C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, DZM, WRA, ASAR, FITZ, etc.

IDC 29 07:01:33.9, 1.1, 19:50S:168:01E, h0km, mb4.5/8, mb1.4/8.9, mb1mx4.4/29, mbtmp4.6/5, ML4.7/1, Error ellipse: s-maj=51.2km s-min=21.4km az=149.0

ISC/B 29 07:01:36.4, 0.8, 19:6S:0:2:167.9E:0.2, h26km, mb4.4/8, Error ellipse: s-maj=29.7km s-min=14.9km az=138.2

ISC 29 07:01:36.5, 1.5, 19:6S:0:3:168.5E:0.4, h25km, m7, e129/8, mb4.6/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, DZM, WRA, ASAR, FITZ, etc.

IDC 29 07:02:14.8, 0.5, 19:76S:168:27E, h0km, mb4.9/19, mb1.5/1/21, mb1m5.0/26, mbtmp4.9/21, ML4.4/2, Error ellipse: s-maj=16.5km s-min=14.3km az=94.0

NEIC 29 07:02:17.3, 0.2, 19:70S:168:12E, h10km, mb5.5/51, Error ellipse: s-maj=7.9km s-min=6.8km az=145.0

ISC/B 29 07:02:18.0, 0.2, 19:76S:0:03:168:15E:0.0, h27km, mb5.4/79, MS6.4/1, Error ellipse: s-maj=4.7km s-min=3.9km az=137.9

MOS 29 07:02:19.1, 1.2, 19:74S:168:14E, h33km, mb5.6/24, Error ellipse: s-maj=11.8km s-min=10.1km az=153.4

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mont Dzumac, DZM, WRA, ASAR, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Scott Base, SBA, SBA, SBA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLZ Valdez, EYAK Cordova Ski Ar, TRF Thorofare Moun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILB Eielson Array, BARN Barnard Glacie, etc.

IDC 2907:55:17.6:1.9, 19.74Sx168.35E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.9/30, mbtmp4.0/6, ML3.7/1, MS4.3/2, Ms1 4.3/2, ms1mx3.4/34, Error ellipse: s-maj=65.8km, s-min=26.0km, az=10.2, h33km, mb3.9/4, MS4.4/2, Error ellipse: s-maj=45.7km s-min=21.4km az=36.4

ISC 2907:55:22.5:2.0, 20.0S:0.3x168.4E:0.4, h35km, n10, z=202/7, mb3.9/4, Loyalty Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Charters Tower, STKA Stephens Creek, etc.

IDC 2907:59:34.9:12.0, 19.61S:167.85E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/33, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=206.9km s-min=42.3km az=88.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Charters Tower, STKA Stephens Creek, etc.

IDC 2908:04:02.1:7.8, 26.73N:143.80E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/41, mbtmp3.5/5, Error ellipse: s-maj=312.4km s-min=23.7km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

ISCJB 29 08:07:46.0:1.5, 27.4N:0.1x143.7E:0.2, h10km, mb3.5/4, Error ellipse: s-maj=31.7km s-min=17.1km az=171.2

IDC 2908:07:47.5:1.8, 27.34N:143.46E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/42, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=42.4km s-min=23.5km az=74.0

ISC 2908:07:48.9:1.8, 27.4N:0.1x143.4E:0.2, h10km, n6, z=054/6, mb3.5/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 2908:08:31.7:1.2, 50.32S:139.06E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.9/24, mbtmp3.9/5, ML3.1/1, Error ellipse: s-maj=109.4km s-min=19.6km az=85.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, QSPA South Pole Qui, etc.

JMA 29 08:24:47.3:0.1, 27.19N:143.77E, h0km, M4.2, IDC 29 08:24:47.0:0.8, 26.82N:143.61E, h0km, mb3.7/9, mb1 3.8/12, mb1mx3.7/40, mbtmp3.7/12, ML3.3/3, Error ellipse: s-maj=20.7km s-min=17.1km az=61.0

ISC 29 08:24:48.0:0.9, 26.83N:0.1x143.68E:0.07, h10km, n18, z=1909/20, mb3.8/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, JHHJ Chichi jima, CBJ Chichijima, etc.

IDC 29 08:35:04.7:5.2, 19.69Sx168.70E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.6/27, mbtmp3.5/4, Error ellipse: s-maj=131.2km s-min=33.4km az=120.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 29 08:36:11.9:2.2, 19.58Sx168.30E, h0km, mb4.0/4, mb1 4.3/5, mb1mx3.9/27, mbtmp4.0/5, ML4.2/1, Error ellipse: s-maj=71.8km s-min=29.4km az=133.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 29 08:42:21.5:0.4, 32.31N:0.02:115.34W:0.03, h24km, 4km, Error ellipse: s-maj=3.8km s-min=3.4km az=16.2

ECX 29 08:42:22.7:0.5, 32.29N:115.38W, h5km, MD3.2, ML3.4, ISC 29 08:42:21.0:1.9, 32.30N:0.03:115.35W:0.02, h16km, 7km, n33, z=090/54, SC-5D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPBX Cerro Prieto, SGL Mount Signal, DREC Desert Rsrch C, etc.

ISCJB 29 08:42:21.5:0.4, 32.31N:0.02:115.34W:0.03, h24km, 4km, Error ellipse: s-maj=3.8km s-min=3.4km az=16.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RDX Cook Ranch, COK La Rumorosa, RMX Imperial Bould, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBX El Zacaeton, ZAX Tijuana, TJAR Barrnet, etc.

SDRC San Diego Road, SDRS Camp Elliot, M, 1.59 292 P, PKPbc 08 28 09.3 -0.8

PFO Pinyon Flat Ob, MURC Murrieta, MURC Organ Pipe Nat, 218 98 P, 214A Charters Tower, 2.23 27 Sb, CIS Catalina Islan, 2.79 294 Sb, DECC Green Verdugo, 3.16 309 Sb

ISCJB 29 08:46:16.2:0.6, 4.49S:0.08:154.0E:0.1, h33km, mb4.1/14, Error ellipse: s-maj=17.6km s-min=8.5km az=29.1

IDC 29 08:46:20.0:3.1, 4.50S:154.04E, h58km, 26km, mb3.8/12, mb1 4.0/12, mb1mx3.8/33, mbtmp4.1/12, ML3.2/1, Error ellipse: s-maj=28.8km s-min=14.6km az=112.0

NEIC 29 08:46:24.6:2.5, 4.58S:153.88E, h58km, 20km, mb4.6/2, Error ellipse: s-maj=28.8km s-min=14.6km az=98.0

ISC 29 08:46:17.5:0.8, 4.55S:0.1:154.1E:0.2, h35km, n25, z=1942/23, mb4.0/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Charters Tower, COEN Coen, etc.

IDC 29 08:46:17.5:0.8, 4.55S:0.1:154.1E:0.2, h35km, n25, z=1942/23, mb4.0/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ASAR Alice Springs, STKA Stephens Creek, NWAO Narrogin (SRO), KSRS Korea Array, KSAR Onjuj Array, CMAR Onjuj Array, SONM Songoj Array, VVND Vanda, MKAR Makanchi Array, ILAR Eielson Array, ZALV Zalesovo Beam

AAK Ala-Archa, MAW Lawson, YKA Yellowknife Arr, TORD Torod Ar, DBIC Dimbokro

IDC 29 08:48:11.3:1.9, 19.46Sx168.30E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/27, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=64.8km s-min=26.8km az=141.0

ISCJB 29 08:48:14.3:1.9, 19.75S:0.2:168.3E:0.3, h33km, mb3.7/3, Error ellipse: s-maj=42.7km s-min=13.4km az=26.0

ISC 29 08:48:15.8:1.9, 19.75S:0.2:168.3E:0.3, h35km, n6, z=085/7, mb3.6/3, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Charters Tower, WRA Warramunga Arr, etc.

IDC 29 08:59:48.6:3.4, 52.15N:35.83E, h0km, mb3.0/1, mb1 3.6/3, mb1mx3.2/45, mbtmp3.4/3, ML2.9/3, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, FINES FINES Array B, YKA Yellowknife Arr

ISCJB 29 09:07:50.7:0.7, 44.9N:0.1x100.0E:0.09, h10km, mb3.5/7, Error ellipse: s-maj=15.4km s-min=9.4km az=178.6

IDC 29 09:07:51.1:0.8, 44.94N:100.03E, h0km, mb3.5/8,

Table with columns: BRTR, Keskinn Array B, 136.36 307, PKIKP, PKP, 11 30 00.7 +0.9. Includes stations like Kolonicki sedl, KOLS, KZC, Gura Zlata, etc.

ICD 29 11:12:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Array, etc.

CSEM 29 11:14:12.4, 35.52N-21.75E, h5km, MD3.2, After ATH ATH 29 11:14:12.4, 35.52N-21.75E, h5km, 1km, MD3.2/1, ISCBJ 29 11:14:14.8, 0.8, 35.52N-21.73E-0.08, h10km, mb3.6/5, Error ellipse: s-maj=9.1km s-min=6.9km az=166.3

ICD 29 11:14:14.4, 1.2, 35.82N-21.95E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.5/8, mbtmp3.6/6, ML2.3/1, Error ellipse: s-maj=28.7km s-min=25.4km az=168.0

ISC 29 11:14:13.5, 1.2, 35.56N-0.06-21.79E-0.07, h10km, n41, s-1943/45, mb3.8/5, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, PYL PYLOS, etc.

Table with columns: VLX Vlachokerasia, VLX Vlachokerasia, VAM Vamos, TRIP Tripoli, etc. Includes stations like KRND Kranidi, DID Didima, GUR Goura, etc.

NSSP 29 11:15:24.9, 41.08N-46.93E, h10km, Ms3.5 AZER 29 11:15:26.0, 0.0, 41.10N-47.31E, h10km, Error ellipse: s-maj=0.9km s-min=0.7km az=240.0

MOS 29 11:15:25.7, 1.6, 40.78N-47.52E, h13km, mb4.2/1, Error ellipse: s-maj=14.2km s-min=6.4km az=105.4

CSEM 29 11:15:27.4, 0.2, 41.02N-47.20E, h0km, 2km, ML3.5, Error ellipse: s-maj=4.8km s-min=3.6km az=220.0

ISC 29 11:15:27.1, 1.1, 41.00N-0.02-47.29E-0.01, h4km, gkm, n85, s-111/142, 19C-26D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like SEKA Sheki, SEKA Sheki, SEKA Sheki, etc.

ICD 29 11:39:24.1, 0.8, 19.54S-168.15E, h0km, mb4.4/13, mb1 4.6/14, mb1mx4.3/36, mbtmp4.4/14, ML3.9/1, MS3.6/4, MS1 3.6/4, ms1mx3.2/22, Error ellipse: s-maj=24.1km s-min=18.1km az=139.0

NEIC 29 11:39:25.7, 0.4, 19.59S-168.14E, h10km, mb4.8/2, Error ellipse: s-maj=10.2km s-min=8.4km az=168.0

ISCBJ 29 11:39:26.5, 0.5, 19.56S-0.08-168E-0.07, h26km, mb4.4/12, MS3.5/2, Error ellipse: s-maj=18.1km s-min=9.2km az=154.0

ISC 29 11:39:28.1, 0.6, 19.6S-0.1x168.13E-0.09, h26km, n38, s-123/33, mb4.5/11, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like GDB GEDABAY, GDB GEDABAY, SIZA Siyan, etc.

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like VADZ Vardenis, VADZ Vardenis, VADZ Vardenis, etc.

Table with columns: DBC Dubki, DBC Dubki, DBC Dubki, Delisi, Delisi, Delisi, etc. Includes stations like Delisi, Delisi, Delisi, etc.

ICD 29 11:39:24.1, 0.8, 19.54S-168.15E, h0km, mb4.4/13, mb1 4.6/14, mb1mx4.3/36, mbtmp4.4/14, ML3.9/1, MS3.6/4, MS1 3.6/4, ms1mx3.2/22, Error ellipse: s-maj=24.1km s-min=18.1km az=139.0

NEIC 29 11:39:25.7, 0.4, 19.59S-168.14E, h10km, mb4.8/2, Error ellipse: s-maj=10.2km s-min=8.4km az=168.0

ISCBJ 29 11:39:26.5, 0.5, 19.56S-0.08-168E-0.07, h26km, mb4.4/12, MS3.5/2, Error ellipse: s-maj=18.1km s-min=9.2km az=154.0

ISC 29 11:39:28.1, 0.6, 19.6S-0.1x168.13E-0.09, h26km, n38, s-123/33, mb4.5/11, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like ONI Oni, ONI Oni, ONI Oni, etc.

ICD 29 11:39:24.1, 0.8, 19.54S-168.15E, h0km, mb4.4/13, mb1 4.6/14, mb1mx4.3/36, mbtmp4.4/14, ML3.9/1, MS3.6/4, MS1 3.6/4, ms1mx3.2/22, Error ellipse: s-maj=24.1km s-min=18.1km az=139.0

NEIC 29 11:39:25.7, 0.4, 19.59S-168.14E, h10km, mb4.8/2, Error ellipse: s-maj=10.2km s-min=8.4km az=168.0

ISCBJ 29 11:39:26.5, 0.5, 19.56S-0.08-168E-0.07, h26km, mb4.4/12, MS3.5/2, Error ellipse: s-maj=18.1km s-min=9.2km az=154.0

ISC 29 11:39:28.1, 0.6, 19.6S-0.1x168.13E-0.09, h26km, n38, s-123/33, mb4.5/11, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like VADZ Vardenis, VADZ Vardenis, VADZ Vardenis, etc.

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

ICD 29 11:42:00.3.7.26.81N.144.01E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/9, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=279.3km s-min=28.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Includes stations like VADZ Vardenis, VADZ Vardenis, VADZ Vardenis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BFO Black Forest, DAVOX Davos/Dischmat, TUE Stuetta.

ISK 29 11:58:48.8, 40.67N, 12E, h21km, MD2.6
ISCJB 29 11:58:49.4, 0.4, 40.75N, 0.02, 34.89E, 0.03, h0km, Error
ellip: s-maj=3.6km s-min=2.9km az=30.2

DDA 29 11:58:49.2, 0.7, 40.73N, 34.90E, h0km, MD2.8
CSEIM 29 11:58:49.2, 0.2, 40.74N, 34.91E, h1km, MD2.8, Error
ellip: s-maj=5.3km s-min=3.8km az=131.0, Mining explosion.

ISC 29 11:58:48.6, 0.8, 40.74N, 0.02, 34.93E, 0.02, h0km, n30, c066/47, Turkey

Main station list for 1775, including COAL Corum-Alaca, CORM Corum, BOYT Boyabat, HAVZ Havza, KAVT Kavak, etc.

ISCJB 29 12:07:27.5, 0.6, 2.62S, 0.07, 68.55E, 0.1, h13km, mb3.9/10, MS3.5/12, Error ellipse: s-maj=12.6km s-min=10.1km az=150.7

IDC 29 12:07:28.3, 0.7, 2.43S, 68.34E, h0km, mb3.9/10, mb1.4/1.1, mb1mx3.8/5.1, mbtmp4.0/1.1, ML4.6/1, MS3.5/13, Ms1.3.5/13, ms1mx3.3/4.3, Error ellipse: s-maj=24.0km s-min=17.9km az=151.0

ISC 29 12:07:29.5, 0.8, 2.65S, 0.1, 68.5E, 0.1, h13km, n28, c091/14, mb4.0/10, MS3.5/12, Carlsberg Ridge

Main station list for 1775, including H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

ISCJB 29 12:17:10.7, 0.9, 23.79N, 0.03, 122.22E, 0.02, h6km, 6km, Error ellipse: s-maj=4.9km s-min=2.9km az=148.1
TAP 29 12:17:11.6, 0.2, 23.79N, 122.20E, h19km, 1km, ML2.6, D
JMA 29 12:17:11.5, 0.2, 23.80N, 122.24E, h18km, 4km
ISC 29 12:17:11.2, 1.3, 23.79N, 0.03, 122.22E, 0.03, h18km, 4km, n28, c066/46, Taiwan region

Main station list for 2010 DEC, including Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ESL Shiin, ENA Nanau, EHY Hungye, etc.

IDC 29 12:46:51.4, 2.1, 20.84N, 144.41E, h0km, mb3.3/4, mb1.3/7.4, mb1mx3.3/4.1, mbtmp3.3/4, Error ellipse: s-maj=314.9km s-min=24.4km az=110.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr.

BJI 29 12:58:13.5, 8.00S, 129.03E, h157km, mb4.8/44, mb4.8/23
IDC 29 12:58:17.0, 2.4, 7.37S, 128.54E, h16km, 2.1km, mb4.2/16, mb1.4/3.20, mb1mx4.2/3.8, mbtmp4.6/2.0, MS3.1/3, Ms1.3.1/3, ms1mx2.6/4.8, Error ellipse: s-maj=18.9km s-min=9.5km az=72.0

ISCJB 29 12:58:19.0, 0.2, 7.39S, 0.03, 128.55E, 0.04, h151km, mb4.5/35, Error ellipse: s-maj=5.8km s-min=3.5km az=151.1

NEIC 29 12:58:20.5, 0.6, 7.44S, 128.53E, h152km, 6km, mb4.6/19, Error ellipse: s-maj=7.5km s-min=5.4km az=51.0
AUST 29 12:58:21.3, 0.0, 7.50S, 128.55E, h150km, Error ellipse: s-maj=10.8km s-min=0.7km az=15.0

DJA 29 12:58:22.9, 0.6, 8.54S, 129.9E, h135km, 25km, M4.8/11, mb4.8/6, mb5.4/5, MLV4.8/1, Mv(mB)4.8/5
KLM 29 12:58:23.5, 7.02S, 127.75E, h136km, mb4.8
ISC 29 12:58:20.5, 0.3, 7.46S, 0.05, 128.56E, 0.05, h151km, n136, c1553/140, mb4.6/35, CD-5D, Banda Sea

Main station list for 2010 DEC, including Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, etc.

Main station list for 29d 12h, including Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KAPI comp=Z, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

29d 14h

az=68.0
MAN 29 14:18:19.11,19N,126.51E,h67km,mb4.3,ML3.0,MS3.0
ISCJB 29 14:18:22.5,0.9,11.09N,101.06E,126.41E,0.0,0.7,h37km,
mb3.6/5,Error ellipse: s-maj=10.4km s-min=8.6km
az=178.1
ISC 29 14:18:24.4,2.1,11.10N,0.07,126.3E,0.1,h37km,n11,
e111/13,mb3.6/5,1D,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BESP Borongan, PLP Palo, SCPH Surigao, etc.

IDC 29 14:21:45.1,7.1,19.93S,168.58E,h0km,mb4.0/5,
mb1.4/1.6,mb1mx3.9/3.1,mbtmp4.0/6,ML3.6/1,MS4.0/2,
Ms1.4/0.2,ms1mx2.9/2.9,Error ellipse: s-maj=123.5km
s-min=45.0km az=101.0
ISC 29 14:21:50.0,4.8,19.93S,0.2,168.5E,0.6,h25km,n8,
e069/7,mb3.9/4,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DZM Mont Dzumac, CZM Charters Tower, etc.

GUC 29 14:32:43.0,3.0,26.39S,70.89W,h45km,2km,ML3.7
ISC 29 14:32:41.1,2.8,26.34S,0.04,71.0W,0.1,h4km,20km,n24,
e180/22,4C-1D,Car coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CDCH Caldera, CPCH Copiapo, etc.

2010 DEC

AFI Afiamalu 7.66 62 eP P 14 37 35.1 -0.5
NIUE Niue 8.47 101 P P 14 37 46.0 +2.3
DZM Dzumac 14.62 250 P P 14 38 47.2 +0.1
URZ Urewera 20.85 189 P P 14 39 43.6 -1.4

URZ Urewera 20.85 189 eP P 14 39 43.0 -2.0
EIDS Eidsvold 29.07 249 eP P 14 40 57.7 -0.2
ARMA Armidale 29.81 239 P P 14 41 05.6 -1.2
ARMA Armidale 29.81 239 eP P 14 41 05.4 +1.0
MGCD Mangrove Creek 31.19 234 P P 14 41 17.4 +1.3

CTA Charters Tower 33.19 260 P P 14 41 33.4 +0.1
DOPR Dopa 145.38 330 P P 14 41 33.1 -0.2
MLR Muntele Rosu 145.46 329 P P 14 41 35.5 +1.1
PMG Port Moresby 34.12 279 P P 14 41 41.9 +0.8
CMSA Cobar Meteorol 35.01 240 P P 14 41 48.9 +0.5

MTSU Mount Surprise 35.13 263 P P 14 41 49.7 +0.1
QLEN Coen 36.80 270 P P 14 42 04.2 +0.8
TOO Toowoomba 37.10 230 P P 14 42 06.4 +0.8
STKA Stephens Creek 38.49 241 P P 14 42 17.8 +0.9

1778

IBBN Ibbenburen 145.04 353 ePKPbc PKPbc 14 54 17.0 -0.1
CLZ Clausthal 145.13 350 ePKPbc PKPbc 14 54 17.5 0.0
CLL Collm 145.15 347 ePKPbc PKPbc 14 54 17.3 -0.1
CLL Collm 145.15 347 i/PKPbc PKPbc 14 54 17.2 -0.2

MORC Moravsky Berou 145.37 341 P/P PKPpdf 14 54 17.0 0.0
DOPR Dopa 145.38 330 P/P PKPpdf 14 54 19.0 +0.6
MLR Muntele Rosu 145.46 329 PKPbc PKPbc 14 54 19.7 -0.3
GTGG Gvttingen 145.49 350 ePKPbc PKPbc 14 54 18.4 0.0

WEL 29 14:40:30.6,0.1,43.55S,171.89E,h5km,ML2.6/6,1C,
Error ellipse: s-maj=0.6km s-min=0.6km az=0.0,South
Island

WEL 29 14:40:30.6,0.1,43.55S,171.89E,h5km,ML2.6/6,1C,
Error ellipse: s-maj=0.6km s-min=0.6km az=0.0,South
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for ASAR Alice Springs, CMAR Chian Mui Arr, STKA Stephens Creek, etc.

IDC 29 15:01:37.3; 1.7, 58.48S; 25.79W, h0km, mb3.8/1, mb1 3.6/2, mb1mx3.5/23, mbtmp3.6/2, ML3.3/1, Error ellipse: s-maj=82.3km s-min=49.3km az=83.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for SNAA Sanae, TORD Torodi Arr, YKA Yellowknife Arr, etc.

IDC 29 15:22:52.0; 1.1, 32.53N; 95.09E, h0km, mb3.6/4, mb1 3.6/6, mb1mx3.4/4, mbtmp3.5/6, ML3.4/2, Error ellipse: s-maj=87.9km s-min=19.9km az=49.0

ISCJB 29 15:22:55.0; 1.0, 32.72N; 0.3; 95.3E; 0.4, h33km, mb3.6/4, Error ellipse: s-maj=67.8km s-min=16.1km az=141.6

ISC 29 15:22:57.0; 1.3, 32.72N; 0.4; 95.2E; 0.4, h35km, n6, e973/6, mb3.6/4, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for MKAR Makanchi Array, AAK Ala-Archa, KURBB Kurchatov Arr, etc.

ISCJB 29 15:24:07.6; 0.5, 24.15S; 0.06; 67.20W; 0.08, h178km, Error ellipse: s-maj=12.6km s-min=4.2km az=138.5

GUC 29 15:24:09.1; 0.5, 23.91S; 67.57W, h223km, 3km, ML3.9

SJA 29 15:24:09.2; 1.1, 24.22S; 67.05W, h169km, 3km, ML2.5, MW2.6

ISC 29 15:24:07.6; 1.3, 24.13S; 0.06; 67.15W; 0.07, h178km, n14, e1533/22, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for SLA San Lorenzo, AZAP Zapla, FSA Cafayete, etc.

ISCJB 29 15:25:14.5; 0.6, 36.98N; 0.04; 28.16E; 0.03, h7km, 4km, Error ellipse: s-maj=6.3km s-min=4.2km az=10.6

ISC 29 15:25:14.3; 0.02N; 28.16E, h8km, MD2.8

CSEM 29 15:25:15.0; 0.2, 37.01N; 28.15E, h8km, MD2.8, Error ellipse: s-maj=5.7km s-min=3.5km az=18.0

ISC 29 15:25:14.1; 1.2, 36.99N; 0.03; 28.16E; 0.02, h3km, 11km, n37, e1528/17, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for YER Yerkesik, TURN Turunc, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for GCAM G?zelcam?, GLHS Ghlisar (BURDU), GOLH Golhisar (BURDU), etc.

IDC 29 15:58:12.2; 17.0, 22.29S; 174.72W, h0km, mb4.3/5, mb1 4.4/5, mb1mx3.9/27, mbtmp4.3/5, MS3.6/1, Mls1 3.5/1, Error ellipse: s-maj=12.8km s-min=4.9km az=137.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CTA Charters Tower, STKA Stephens Creek, STKA Alice Springs, etc.

DDA 29 16:14:54.7; 36.94N; 28.70E, h7km, Md2.6

ISC 29 16:14:55.4; 37.17N; 28.54E, h5km, MD2.6

CSEM 29 16:14:56.5; 0.3, 37.16N; 28.52E, h15km, MD2.6, Error ellipse: s-maj=10.0km s-min=5.4km az=34.0

ISC 29 16:14:56.5; 1.1, 37.17N; 0.05; 28.53E; 0.04, h10km, 8km, n16, e965/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for YER Yerkesik, TURN Turunc, FETY Fethiye, etc.

ISCJB 29 16:22:59.7; 0.6, 51.50N; 0.03; 16.17E; 0.03, h0km, Error ellipse: s-maj=4.1km s-min=2.7km az=5.5

IPEC 29 16:23:00.5; 0.3, 51.53N; 16.23E, h0km, ML2.5/3, Error ellipse: s-maj=3.3km s-min=1.7km az=66.0

CSEM 29 16:23:01.0; 0.2, 51.51N; 16.12E, h2km, ML3.4/14, Error ellipse: s-maj=4.1km s-min=3.1km az=167.0

VIE 29:24.04.2; 0.8, 51.28N; 16.15E, h1km, 3km, mb2.3/4, ml2.9/4, Error ellipse: s-maj=3.7km s-min=2.9km az=99.0

ISC 29 16:23:00.5; 0.8, 51.57N; 0.03; 16.11E; 0.02, h0km, n40, e947/76, 14D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CHPZ Chorzow, VRAC Vranov, VRAC Chian Mui Arr, etc.

ISCJB 29 16:24:55.4; 1.0, 27.3N; 0.1; 143.4E; 0.1, h10km, mb3.5/6, Error ellipse: s-maj=14.6km s-min=13.6km az=173.7

ISC 29 16:24:56.6; 1.4, 27.25N; 143.26E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.5/40, mbtmp3.5/7, ML3.3/1, Error ellipse: s-maj=28.2km s-min=20.4km az=52.0

ISC 29 16:24:57.7; 1.1, 27.3N; 0.1; 143.3E; 0.1, h10km, n8, e953/9, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for MOA Mollin, STHS Stebnicka Huta, etc.

ISCJB 29 16:24:55.4; 1.0, 27.3N; 0.1; 143.4E; 0.1, h10km, mb3.5/6, Error ellipse: s-maj=14.6km s-min=13.6km az=173.7

ISC 29 16:24:56.6; 1.4, 27.25N; 143.26E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.5/40, mbtmp3.5/7, ML3.3/1, Error ellipse: s-maj=28.2km s-min=20.4km az=52.0

ISC 29 16:24:57.7; 1.1, 27.3N; 0.1; 143.3E; 0.1, h10km, n8, e953/9, mb3.5/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for JCJ Chichijima, MJAR Matushiro Arr, SONM Songoing Array, etc.

ISCJB 29 16:40:17.8; 0.9, 34.60S; 0.02; 72.06W; 0.06, h2km, 5km, Error ellipse: s-maj=8.7km s-min=3.8km az=13.0

GUC 29 16:40:17.4; 0.7, 34.56S; 72.03W, h14km, 2km, ML3.8

ISC 29 16:40:17.5; 1.2, 34.50S; 0.03; 72.05W; 0.07, h9km, 10km, n23, e1913/31, 3C-3D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CHPI Pichilemu, NICH Los Niches, TALC Talca, etc.

ISCJB 29 16:40:31.0; 0.4, 51.49N; 0.02; 16.21E; 0.03, h0km, Error ellipse: s-maj=2.2km s-min=2.9km az=24.6

IDC 29 16:40:33.8; 0.7, 51.42N; 16.22E, h0km, mb1 3.4/7, mb1mx3.2/48, mbtmp3.3/7, ML2.9/7, Error ellipse: s-maj=14.1km s-min=7.3km az=102.0

CSEM 29 16:40:33.4; 0.3, 51.45N; 16.16E, h2km, ML3.2/13, Error ellipse: s-maj=4.9km s-min=3.7km az=169.0

IPEC 29 16:40:33.1; 0.3, 51.48N; 16.20E, h0km, ML2.3/3, Error ellipse: s-maj=3.3km s-min=1.7km az=67.0

VIE 29:24.05.2; 0.4, 51.28N; 16.22E, h0km, mb2.2/4, ml2.8/4, Error ellipse: s-maj=3.3km s-min=2.7km az=54.0, Suspected Mining induced.

ISC 29 16:40:32.5; 0.7, 51.52N; 0.03; 16.17E; 0.02, h0km, n48, e1500/84, 2C-2D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CLCH Cerro Canal, ROCC Cobquecura, etc.

29d 16h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

2010 DEC

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BRG Berggiesshubel, PRA Prague, GPC GO Pecny, Ondr, etc.

1780

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DAV Davao City (W), SLVN Son La, KSM Kuching, etc.

MEX 29 16:44:24.4:0.7,27.66kx111.71W,h5km,MD4.1,Gulf of California

IDC 29 16:52:49.9:1.3,26.69Nx143.82E,h0km,mb3.4/4, mb1.3/7.5,mb1mx3.4/9,mbtmp3.4/5,ML3.2/1, Error ellipse: s-maj=52.4km s-min=24.1km az=86.0,Bonin Islands region

BJJ 29 16:57:15.9:14.63N:119.60E,h41km,mb4.4/23,mb4.7/17, Ms4.5/10, Ms7.4/26

IDC 29 16:57:19.4:0.5,15.50N:119.13E,h0km,mb4.2/23, mb1.4/3.24,mb1mx4.3/8,mbtmp4.2/24,ML3.8/1,MS3.3/6, Ms1.3/3.6,ms1mx2.9/4.1, Error ellipse: s-maj=19.6km s-min=12.6km az=73.0

MAN 29 16:57:21.15:61N:118.90E,h16km,mb5.1,ML4.0,MS4.2, ISCBJ 29 16:57:24.6:0.6,15.53N:119.13E,h0km,mb4.6km, mb4.2/26,MS2.9/4, Error ellipse: s-maj=7.5km s-min=4.8km az=1.9

ISCBJ 29 16:57:30.5:0.5,50.10N:0.03:18.37E:0.03,h0km, Error ellipse: s-maj=4.2km s-min=2.6km az=2.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

ATH 29 17:03:20.9, 41.45N, 19.42E, h14km, 2km, MD3 5/18, ISCJB 29 17:03:22.5, 0.4, 41.43N, 0.02, 19.62E, 0.03, h3km, 3km, Error ellipse: s-maj=4.7km s-min=2.2km az=153.6

CSEM 29 17:03:22.9, 0.1, 41.43N, 19.61E, h2km, ML2.4, Error ellipse: s-maj=4.8km s-min=2.2km az=61.0

BE0 29 17:03:23.5, 0.6, 41.40N, 19.58E, h12km, 2km, ML2.4/1, PDG 29 17:03:24.0, 0.1, 41.48N, 19.64E, h12km, ML2.7/12, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0

ISC 29 17:03:23.9, 0.1, 41.44N, 0.02, 19.58E, 0.02, h13km, 7km, n92, c0.991/158, 11C-6D, Albania

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like TIR Tirane, DRME Dracevica, OHR Ohrid, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like BRY Bratogost, PENT Pentaflofos, KEK Kerkira, etc.

ISCJB 29 17:08:19.1, 1.0, 27.28N, 0.07, 143.68E, 0.08, h10km, mb3.5/4, Error ellipse: s-maj=12.3km s-min=6.9km

IDC 29 17:08:20.8, 1.6, 27.15N, 143.40E, h0km, mb3.4/4, mb1.3/7.5, mb1mx3.4/4, mb1mt3.5/5, ML3.7/1, Error ellipse: s-maj=30.8km s-min=21.1km az=58.0

JMA 29 17:08:24.0, 0.2, 27.44N, 143.44E, h18km, M3.6, ISC 29 17:08:21.8, 1.4, 27.28N, 0.09, 143.51E, 0.10, h10km, n12, c131/15, mb3.4/4, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like CBJ Chichi jima, CBU Chichi, JCU Chichijima, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like SJG San Juan, 439A Center Grove, 636A Smoots Creek, etc.

IDC 29 17:13:17.2, 0.7, 3.28S, 99.45E, h0km, mb4.3/14, mb1.4/14, mb1mx4.1/30, mbtmp4.3/14, MS3.2/2, Ms1.3/3.2, ms1mx2.6/37, Error ellipse: s-maj=26.6km s-min=15.0km az=55.0

ISCJB 29 17:13:20.0, 0.5, 3.30S, 0.04, 99.45E, 0.04, h33km, mb4.3/18, MS3.0/2, Error ellipse: s-maj=6.8km s-min=5.3km az=143.6

DJA 29 17:13:22.9, 0.7, 3.3S, 10.0E, h45km, 8km, M4.8/11, mb5.1/5, mb5.4/3, MLV4.6/11, Mw(mb)4.8/3

NEIC 29 17:13:22.0, 0.6, 3.23S, 99.59E, h35km, mb4.5/4, Error ellipse: s-maj=20.2km s-min=8.4km az=51.0

ISC 29 17:13:22.0, 0.6, 3.23S, 0.07, 99.46E, 0.08, h35km, n45, c132/25, mb4.3/18, 1C, Southwest of Sumatara

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PPSI Pulau Pagai, PPSI Kerinci, PDSI PDSI, etc.

29d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, H08S2 Diego Garcia H, etc.

IDC 29 17:13:59.0-1.2, 5.09N-127.15E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/45, mbtmp3.6/4, Error ellipse: s-maj=157.3km s-min=26.2km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

ISCJCB 29 17:24:55.9-0.6, 4.44S-107.153-65E-0.06, h85km, mb3.9/11, Error ellipse: s-maj=9.5km s-min=8.6km az=9.1

IDC 29 17:25:01.6-2.5, 4.66S-153.68E, h130km, mb3.7/11, mb1 3.8/13, mb1mx3.7/37, mbtmp4.2/13, MS3.5/5, Ms1 3.1/5, ms1mx2.8/25, Error ellipse: s-maj=18.6km s-min=15.4km az=147.0

ISC 29 17:24:57.8-0.6, 4.42S-108.153-61E-0.08, h85km, n16, r185110, mb3.9/11, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 29 17:56:52.8-1.8, 6.60S-129.80E, h0km, mb3.6/2, mb1 3.8/5, mb1mx3.6/31, mbtmp3.7/5, ML3.8/3, Error ellipse: s-maj=92.8km s-min=25.0km az=79.0

AUST 29 17:57:07.7, 6.97S-131.05E, h200km

ISC 29 17:56:54.0-0.9, 6.52S-129.9E-0.2, h10km, n12, r198/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, FAK Fak Fak, SWI Sorong, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, WRKA Warakuna, SONM Songo Array, MKAR Makanchi Array, etc.

IDC 29 17:58:56.6-1.4, 1.9/23S-168.05E, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/29, mbtmp3.9/8, ML3.5/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/25, Error ellipse: s-maj=49.2km s-min=23.0km az=144.0

NEIC 29 17:58:57.5-1.0, 1.9/34S-168.21E, h10km, mb4.1/1, Error ellipse: s-maj=30.3km s-min=16.3km az=139.0

ISCJCB 29 17:58:59.1-1.1, 1.9/45S-171.168-0E-0.2, h26km, mb3.9/6, MS2.8/1, Error ellipse: s-maj=27.9km s-min=10.6km

ISC 29 17:59:00.5-1.2, 19.45U-168.0E-0.2, h26km, n11, r087/8, mb4.1/6, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, AFI Afiamalu, CTA Charters Tower, etc.

IDC 29 18:10:17.2-0.7, 19.40S-168.02E, h0km, mb4.3/16, mb1 4.5/17, mb1mx4.2/27, mbtmp3.1/17, ML3.9/1, MS3.5/6, Ms1 3.5/6, ms1mx3.2/27, Error ellipse: s-maj=22.6km s-min=16.7km az=134.0

BGR 29 18:10:17.8, 21.42S-168.15E, h33km

NEIC 29 18:10:18.9-0.4, 19.37S-167.97E, h10km, mb4.8/4, Error ellipse: s-maj=12.1km s-min=9.4km az=159.0

ISCJCB 29 18:10:19.5-0.4, 19.47S-166.0E-0.07, h26km, mb4.4/17, MS3.4/5, Error ellipse: s-maj=10.1km s-min=7.2km az=41.2

ISC 29 18:10:21.4-0.5, 19.144S-167.98E-0.09, h26km, n70, r105/57, mb4.4/16, MS3.3/5, 2C-20, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, MSFV Nonsavu, etc.

1782

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KHC Kasperske Hory, ROTZ Rotzenmuhle, GECZ GERESS Array S, etc.

IDC 29 18:16:28.8-26.0, 12.07N-143.87E, h0km, mb3.6/4, mb1 3.6/4, mb1mx3.3/27, mbtmp3.6/4, Error ellipse: s-maj=556.3km s-min=76.4km az=55.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, etc.

ISCJCB 29 18:20:25.3-0.9, 6.94N-108.73-08W-0.10, h166km, mb3.1/7, Error ellipse: s-maj=16.2km s-min=6.8km az=37.0

FUNV 29 18:20:26.7, 6.83N-73.08W, h167km, MW3.0

IDC 29 18:20:27.5-5.1, 6.60N-75.81W, h126km, 5.7km, mb3.0/1, mb1 3.2/2, mb1mx2.9/23, mbtmp3.4/2, Error ellipse: s-maj=101.3km s-min=35.9km az=83.0

ISC 29 18:20:25.4-1.0, 6.86N-108.73-1W-0.1, h166km, n10, r146/15, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CAPV Capacho, ROSC El Rosal, VIGV El Vigia, etc.

ASAR Alice Springs 149.17-234 PKPbc

WRA Warramunga Arr 150.24-21 PKPbc

KRSC 29 18:21:18.6-0.7, 55.12N-161.47E, h75km, 22km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZLN Zelenaya, KRKR Krestovskiy, KLY Klyuchi, etc.

KRSC 29 18:22:24.5-0.5, 55.55N-161.32E, h137km, 5km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRKR Krestovskiy, KLY Klyuchi, KLV Baidarnaya, etc.

29d 18h

Table of astronomical observations for 29d 18h, listing station names, coordinates, and observation details.

2010 DEC

Table of astronomical observations for 2010 DEC, listing station names, coordinates, and observation details.

1786

Table of astronomical observations for 1786, listing station names, coordinates, and observation details.

TXAR Lajitas Array 143.40 40 PKPbc PKPbc 19 02 40.2 +0.3
LPAZ La Paz 159.40 207 PKPab PKPab 19 03 33.9 -1.2

ISK 29 18:50:53.3, 38.77N, 42.46E, h5km, MD2.6
ISCJB 29 18:50:54.3, 37.0, 38.77N, 0.03, 42.50E, 0.05, h11km, 5km,
Error ellipse: s-maj=6.9km s-min=4.8km az=34.7

DDA 29 18:50:54.7, 38.77N, 42.55E, h7km, MD2.6
CSEM 29 18:50:54.0, 0.2, 38.76N, 42.48E, h12km, MD2.6, Error
ellipse: s-maj=5.8km s-min=4.4km az=113.0

ISC 29 18:50:54.1, 0.3, 38.77N, 0.03, 42.48E, 0.03, h11km, 9km,
n14, c070/26, Turkey

Code Station Name Az AZZ Phase ID Time Res
TATV Tatvan 0.31 212 P P 18 51 00.7 -0.1
TATV Tatvan 0.31 212 I P 18 51 05.3 +0.2
TATV Tatvan 0.58 326 P P 18 51 05.3 +0.2

ISCJB 29 18:57:24.8, 3.2, 11.9N, 0.4, 44.0E, 0.3, h4km, mb3.5/4,
Error ellipse: s-maj=6.8km s-min=1.4km az=145.3

IDC 29 18:57:25.4, 2.1, 11.8N, 43.96E, h0km, mb3.6/4,
mb1 3.7/4, mb1mx3.4/34, mbtm3.6/4, MS3.6/1, Ms1 3.6/1,
ms1mx2.7/34, Error ellipse: s-maj=9.3km s-min=19.8km
az=145.0

ISC 29 18:57:26.4, 2.8, 11.9N, 0.3, 44.0E, 0.3, h4km, n7, c154/18,
mb3.6/4, Ethiopia

Code Station Name Az AZZ Phase ID Time Res
ATD Arta Tunnel 1.18 252 P P 18 57 48.3 -0.7
ATD Arta Tunnel 1.18 252 S N 18 58 05.3 -1.0
FURI Furi 6.02 241 eP P 18 59 11.4 -0.7

IDC 29 19:01:27.0, 0.4, 30.85N, 86.57E, h0km, mb4.5/29,
mb1 4.6/32, mb1mx4.5/47, mbtm4.5/32, ML3.7/3, MS3.7/13,
Ms1 3.7/13, ms1mx3.5/37, Error ellipse: s-maj=14.2km
s-min=1.2km az=37.0

NEIC 29 19:01:28.4, 2.7, 30.90N, 86.45E, h8km, 17km, mb4.9/29,
Error ellipse: s-maj=8.1km s-min=5.1km az=22.7

BJI 29 19:01:29.9, 30.83N, 86.63E, h23km, mb4.5/36, mB4.8/20,
Ms4.4/35, Ms7 4.3/29

BGR 29 19:01:29.6, 29.75N, 85.77E, h17km, 2km, mb5.0
ISCJB 29 19:01:30.0, 1.1, 30.75N, 0.02, 86.44E, 0.03, h31km, 8km,
mb4.8/101, MS3.8/13, Error ellipse: s-maj=3.8km
s-min=3.2km az=170.7

MOS 29 19:01:30.5, 0.8, 30.87N, 86.55E, h33km, mb5.0/51, Error
ellipse: s-maj=9.7km s-min=4.5km az=122.9

NDI 29 19:01:33.2, 3.1, 30.71N, 86.41E, h10km, mb4.8, ML4.7,
mb5.0/NEIC

BKK 29 19:01:48.1, 5.2, 30.10N, 87.87E, 1.7, h10km, M4.5/14,
mb5.2/5, mb1mx4.5/14, Mw(mb)4.6/5

ISC 29 19:01:30.4, 0.8, 30.79N, 0.04, 86.39E, 0.03, h19km, 2km,
h19km, P-P, n351, c1948/383, mb4.8/101, MS3.9/14,
17C-39D, Xizang

Code Station Name Az AZZ Phase ID Time Res
LSA Lhasa 4.26 104 P P 19 02 37.8 +3.2
LSA Lhasa 4.26 104 eP P 19 02 37.8 +3.2
LSA Lhasa 4.26 104 eP P 19 02 37.3 +2.7

NGP Nagpur 11.65 216 eP P 19 04 17.0 +1.4

SARP Sargodha 11.78 279 P P 19 04 16.5 -0.9

KSH Kashi 12.18 318 P P 19 04 25.0 +2.1

CHLP Challavanipeta 12.41 190 eP P 19 04 27.3 +1.2

CEP Cherat 12.62 288 P P 19 04 27.1 -1.8

THW Thumme Wali 12.62 283 P P 19 04 27.5 -1.4

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

WMO Wujing 13.05 4 eP PMZ 19 04 35.3 +0.6

GTA Gaota 13.94 48 eP P 19 04 51.3 -3.7
GTA Gaota 13.94 48 eP P 19 04 55.8 +8.7
GTA Gaota 13.94 48 eP P 19 04 58.3

GTA Gaota 13.94 48 eP P 19 04 58.3
GTA Gaota 13.94 48 eP P 19 04 58.3

GTA Gaota 13.94 48 eP P 19 04 58.3
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GTA Gaota 13.94 48 eP P 19 04 58.3
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MDRS comp=Z,214nm,11.8s 19 04 51.3 -3.7
DGPR DIGLPIUR 18.54 160 eP Pn 19 05 49.3 +3.2
DGPR DIGLPIUR 18.54 160 eP Pn 19 05 49.3 +3.2

GOA Goa 19.09 220 eP Pn 19 05 55.3 +2.5
GOA Goa 19.09 220 eP Pn 19 05 55.3 +2.5

XAN Xi'an 19.29 74 P P 19 05 51.3 -2.8
XAN Xi'an 19.29 74 P P 19 05 51.3 -2.8

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XAN Xi'an 19.29 74 P P 19 05 51.3 -2.8

SBKT Sadao Pong 19.43 133 P Pn 19 05 57.3 +0.4
ENH Enshi 19.90 86 eP P 19 05 59.1 -1.7

SRDT SRDT 20.12 142 P Pn 19 06 06.3 +1.2
KURBB Kurchatov Arra 20.66 346 P P 19 06 08.0 -0.8

KURK Kurchatov 20.73 346 P P 19 06 08.0 -1.6
KURK Kurchatov 20.73 346 P P 19 06 08.0 -1.6

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KURK Kurchatov 20.

29d 19h

Table with columns: ARU, Arti, 32.19 331 eP, P, 19 07 56.9 +0.1, etc. Lists various astronomical objects and their coordinates.

2010 DEC

Table with columns: KOLS, Kolonické sedl, 50.90 310 eP, P, 19 10 30.7 +0.6, etc. Lists astronomical objects under the heading '2010 DEC'.

1788

Table with columns: GTTG, Gvttingen, 58.40 315 eP, P, 19 11 24.8 +0.4, etc. Lists astronomical objects under the heading '1788'.

IDC 29 19:12:25.5+4.7, 31'23"N:87.39E, h0km, mb3.4/3, mb1 3.5/5, mb1mx3.2/59, mbtm3.4/5, ML2.9/2, Error ellipse: s-maj=290.4km s-min=27.1km az=63.0, Xizang

29d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Raciborz, Moravsky Berou, etc.

MEX 29:19:57.56:2.0,3,16:19N-98.07W, h16km, 99gkm, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLIG, VHO, etc.

IDC 29:20:00:57.4:8.3,977S:165.44E, h79km, 366km, mb3.4/4, mb1 3.8/6, mb1mx3.4/4, mbmtmp4.1/6, MS3.2/1, ms1mx2.6/2, Error ellipse: s-maj=107.1km s-min=26.9km az=33.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, DZM, CTA, etc.

ISCJB 29:20:07:28.0:4.0, 8.71S:0.05:118.34E:0.04, h150km, mb4.0/1.1, Error ellipse: s-maj=7.6km s-min=4.5km az=31.7

IDC 29:20:07:29.3:1.7, 8.57S:118.50E, h142km, 141km, mb3.7/1.1, mb1 3.9/1.4, mb1mx3.7/4.5, mbmtmp4.1/2.14, MS2.8/1, Ms1 2.8/1, ms1mx2.3/3.7, Error ellipse: s-maj=19.6km s-min=8.4km az=64.0

DJA 29:20:07:30.7:0.3, 9.53S:11.8E, h105km, 4km, M4.3/21, mb4.5/5, MLV4.0/3, MLV4.4/21

ISC 29:20:07:29.0:6.0, 8.84S:0.06:118.31E:0.05, h150km, n36, s=1893/37, mb3.9/10, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI, TWSI, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI, BANI, SINGARAJA, etc.

IDC 29:20:07:30.4:0.9, 27.22N:143.48E, h0km, mb3.8/13, mb1 4.1/15, mb1mx3.9/5.4, mbmtmp3.8/15, ML2.9/2, MS2.9/2, Ms1 3.1/2, ms1mx2.4/4.9, Error ellipse: s-maj=22.7km s-min=17.4km az=100.0

NEIC 29:20:07:32.1:0.6, 27.27N:143.45E, h10km, mb4.1/1, Error ellipse: s-maj=14.5km s-min=12.0km az=161.0

JMA 29:20:07:33.7:0.1, 27.27N:143.40E, h56km, mb3.8/14, MS3.1/1, Error ellipse: s-maj=7.9km s-min=4.4km az=29.5

ISC 29:20:07:36.0:0.7, 27.31N:0.06:143.34E:0.08, h35km, n31, s=1528/38, mb3.9/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ, CBJ, etc.

NIED 29:20:16:00:27.50N:143.30E, h5km, Mw4.0 Best double couple. Mo:1.06000:1015 NP1:0.870000, 818.00000, lambda-130.00000. NP2:0.342.00000, 126.00000, lambda-78.00000

IDC 29:20:16:42.7:0.7, 27.24N:143.29E, h0km, mb4.0/15, mb1 4.2/18, mb1mx4.0/5.9, mbmtmp4.0/18, ML3.1/3, MS3.1/8, Ms1 3.1/8, ms1mx2.8/4.9, Error ellipse: s-maj=17.8km s-min=15.0km az=100.0

NEIC 29:20:16:43.0:4.2, 27.25N:143.28E, h10km, mb4.5/5, MW4.0(NIED), Error ellipse: s-maj=11.3km s-min=7.2km az=80.0

ISCJB 29:20:16:45.9:0.5, 27.45N:0.04:143.32E:0.06, h33km

1790

mb4.1/19, MS3.0/5, Error ellipse: s-maj=8.1km s-min=4.7km az=27.5

JMA 29:20:16:45.3:0.2, 27.48N:143.33E, h59km, M3.6, ISC 29:20:16:48.3:0.7, 27.39N:0.06:143.24E:0.09, h35km, n47, s=1920/51, mb4.2/19, MS3.0/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ, CBJ, etc.

IDC 29:20:21:21.9:1.6, 19.71S:168.28E, h0km, mb4.1/6, mb1 4.2/7, mb1mx4.0/3.9, mbmtmp4.1/7, ML3.8/1, MS3.5/2, Ms1 3.5/2, ms1mx2.8/2.8, Error ellipse: s-maj=37.9km s-min=27.0km az=105.0

NEIC 29:20:21:22.7:1.2, 19.90S:168.58E, h10km, mb4.2/1, Error ellipse: s-maj=29.0km s-min=21.0km az=131.0

ISCJB 29:20:21:25.7:1.1, 19.75S:0.1:168.2E:0.2, h33km, mb4.1/6, MS3.3/1, Error ellipse: s-maj=31.6km s-min=12.3km az=20.5

ISC 29:20:21:26.9:1.4, 19.75S:0.1:168.3E:0.2, h35km, n14, s=093/12, mb4.2/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, DZM, etc.

IDC 29:20:21:31.0:9.9, 11.11S:166.34E, h97km, 59gkm, mb3.4/3, mb1 3.6/4, mb1mx3.3/4.4, mbmtmp3.8/4, ML4.1/1, MS3.3/2, Ms1 3.3/2, ms1mx2.8/1.9, Error ellipse: s-maj=152.6km s-min=44.9km az=171.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, HNR, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Az, Az', Op, P, S, S', S'', S''', S''''

Table with columns: Station Name, Time, Res, ISC, Phase ID, Az, Az', Op, P, S, S', S'', S''', S''''

Table with columns: Station Name, Time, Res, ISC, Phase ID, Az, Az', Op, P, S, S', S'', S''', S''''

1795

ASAR Alice Springs 31.50 257 P P 23 05 45.6 0.0
ASAR comp=2.8,3nm,18.0s,baz=159,slow=39
Fitzroy Crossi 39.89 265 LR LR 23 19 36.7
FITZ 2.3nm,0.6s,baz=122,slow=9.4,SNR=7.3 P P 23 06 56.3 +0.5
SONM Songino Array 86.90 324 P P 23 12 08.2 +0.2
GERES GERRS Array B 144.38 330 PKP P 23 19 00.9 +1.6

ISCJB 29 23:07:05.9-0.6,38.42N,0.04-0.30,45E,0.04,h9km,5km,
Error ellipse: s-maj=6.2km s-min=5.3km az=154.6
ISK 29 23:07:05.8,38.42N,0.30,55E,h9km,MD2.4
DDA 29 23:07:05.7,38.43N,0.30,46E,h7km,MD2.6
CSEM 29 23:07:05.9-0.2,38.41N,0.30,49E,h10km,MD2.4,Error
ellipse: s-maj=5.1km s-min=4.0km az=167.0
ISC 29 23:07:06.0-0.9,38.42N,0.04-0.30,48E,0.03,h10km,8km,
n21,+0543/29, Turkey

Code Station Name Az AZ Phase ID Time Res
SHUT Suhut-Afyon 0.15 24 ePg Op ISC 23 07 09.3 -0.1
SHUT Suhut-Afyon 0.15 24 ePg Sg 23 07 11.8 +0.1
SHUT Suhut-Afyon 0.15 24 ePg Pg 23 07 09.3 -0.1
SHUT Suhut-Afyon 0.15 24 ePg Sg 23 07 11.8 +0.1

ISK 29 23:09:56.7,37.24N,39.28E,h7km,MD2.5
DDA 29 23:09:56.6,37.28N,39.34E,h7km,MD2.6
ISCJB 29 23:09:58.2-1.1,37.27N,0.07-0.39,20E,0.07,h8km,Error
ellipse: s-maj=11.0km s-min=6.4km az=140.3
CSEM 29 23:09:59.1-0.8,37.28N,39.15E,h15km,MD2.5,Error
ellipse: s-maj=20.3km s-min=11.9km az=133.0
ISC 29 23:09:58.4-1.3,37.29N,0.05-0.39,20E,0.07,h8km,n13,
+0563/17, Turkey

Code Station Name Az AZ Phase ID Time Res
URFA Urfa 0.34 296 ePg Op ISC 23 10 05.4 +0.3
URFA Urfa 0.34 296 ePg Sg 23 10 11.7 +0.6
URFA Urfa 0.34 296 ePg Pg 23 10 05.4 +0.3
URFA Urfa 0.34 296 ePg Sg 23 10 11.7 +0.6

MEX 29 23:14:05.9-0.3,16.78N,98.48W,h17km,14km,MD3.9,
Near coast of Guerrero

Code Station Name Az AZ Phase ID Time Res
TLIG Tiapa 0.79 354 ePg Op ISC 23 14 18.6 -2.8
TLIG TLIG 0.79 354 ePg Sg 23 14 28.4 -3.5
VHO Vista Hermosa 1.70 80 ePg Op P 23 14 31.4 -3.6
VHO VHO 1.70 80 ePg Sg 23 14 21.5 -5.2
CAIG El Cayaco 1.73 29 ePg Op P 23 14 32.0 -3.2
CAIG CAIG 1.73 29 ePg Sg 23 14 22.5 -4.4

IDC 29 23:17:25.8-14.0,19.88N,144.20E,h336km,152km,
mb3.1/6,mb1 3.3/6,mb1mx3/0/42,mbtms3/8.0,Error
ellipse: s-maj=50.9km s-min=21.6km az=70.0, Mariana
Islands

Code Station Name Az AZ Phase ID Time Res
WRA Warramunga Arr 40.74 194 P P 23 24 34.9 -0.3
SONM Songino Array 41.34 321 P P 23 24 39.3 -0.6
ZALV Zalesovo Beam 56.22 322 P P 23 26 30.7 -1.0
MKAR Makanchi Array 56.62 313 P P 23 26 35.6 +0.9
YKA Yellowknife Arr 77.61 28 P P 23 28 45.5 +0.3
FINES FINES Array B 85.22 335 P P 23 29 23.8 -1.0

BUI 29 23:26:58.2,22.70S,178.97W,h524km,mb4.7/8,mb5.1/8
IDC 29 23:27:01.7-1.4,23.00S,179.88W,h525km,13km,
mb3.9/13,mb1 4.1/14,mb1mx3.7/35,mbtms4.8/14,Error
ellipse: s-maj=14.6km s-min=12.5km az=81.0
NEIC 29 23:27:02.9-0.7,23.17S,179.94W,h543km,8km,mb5.0/40,
Error ellipse: s-maj=8.8km s-min=6.7km az=100.0
ISCJB 29 23:27:03.1-0.3,23.26S,0.03-179.98E,0.06,h550km,
mb4.0/46,Error ellipse: s-maj=7.3km s-min=4.2km
az=173.9

AUST 29 23:27:05.4-0.9,23.22S,179.89W,h563km,Error ellipse:
s-maj=1.4km s-min=1.2km az=28.0
ISC 29 23:27:03.5-0.4,23.27S,0.06-179.94W,0.07,h550km,
n177,+0156/203,mb4.8/46,18C-2D,South of Fiji Islands

Code Station Name Az AZ Phase ID Time Res
MSVF Nonsavu 5.82 341 P P 23 28 39.0 -1.8
MSVF Nonsavu 5.82 341 ePg P 23 28 39.6 -1.2
NIUE Niue 10.22 68 P P 23 29 23.1 -0.8
AFI Afiamalu 12.10 41 P P 23 29 37.7 -5.6
AFI Afiamalu 12.10 41 ePg S 23 31 44.3 -1.0
AFI Afiamalu 12.10 41 ePg P 23 29 39.1 -4.2
OUZ Omahutu 13.18 204 ePg P 23 29 56.3 +2.2
MXZ Matakaoa Point 13.83 186 ePg S 23 30 09.0 +3.1
MXZ MXZ 13.83 186 ePg S 23 32 38.6 +2.5
PUZ Puketiti 14.84 186 PN S 23 30 11.2 -0.1
PUZ PUZ 14.84 186 PN S 23 32 40.3 -5.5
TOZ Tahuroa Road 14.94 194 ePg P 23 30 15.2 -3.0
TWGZ Tauwharepara 14.97 186 PN P 23 30 13.1 +0.5
TWGZ TWGZ 14.97 186 PN S 23 32 45.9 -2.4
URZ Urewera 15.16 189 ePg P 23 30 12.8 -1.7
URZ Urewera 15.16 189 ePg S 23 32 49.3 -2.2
URZ Urewera 15.16 189 ePg P 23 30 11.2 -3.2
URZ Urewera 15.16 189 ePg S 23 32 46.7 -4.8
URZ Urewera 15.16 189 ePg S 23 30 13.5 -1.0
URZ Urewera 15.16 189 ePg S 23 32 49.3 -2.2

2010 DEC

MWZ Matawai 15.18 188 PN P 23 30 14.1 -0.6
MWZ MWZ 15.18 188 eSN P 23 32 48.1 -3.7
HIZ Hauiti 15.84 195 eP S 23 30 23.7 +2.3
BKZ Black Stump Fm 16.14 190 ePN P 23 30 21.7 -2.6
BKZ BKZ 16.14 190 eSN P 23 33 03.6 -4.5
BKZ Black Stump Fm 16.14 190 eP P 23 30 23.1 -1.2

BKZ ANWZ Angora Road 17.41 189 eS S 23 33 02.5 -5.6
ANWZ ANWZ 17.41 189 eSN P 23 33 27.6 -1.2
BFZ Birch Farm 17.66 190 eP S 23 30 38.1 -0.1
BFZ BFZ 17.66 190 eS S 23 33 36.0 +3.1
COW Carron Point 18.28 192 ePN P 23 30 43.3 -0.4
ORZ Quartz Range 18.62 198 PN P 23 32 27.6 +1.3
NNZ Nelson 18.76 196 ePN P 23 30 48.3 +0.2
NNZ NNZ 18.76 196 eSN P 23 33 49.3 -1.4
THZ Tophouse 19.39 196 eP S 23 30 55.0 +1.0

THZ Denistion Nort 19.68 199 PN P 23 30 57.7 +1.1
KHZ Kahutara 19.86 194 PN P 23 30 57.3 -0.8
KHZ Kahutara 19.86 194 eSN P 23 30 46.6 -1.7
KHZ Kahutara 19.86 194 eP S 23 30 58.1 +1.0
KHZ Lake Taylor 20.51 197 eS S 23 34 06.7 -1.6
LTZ Lake Taylor 20.51 197 eP P 23 31 04.0 -0.7
OXZ OXZ 21.08 196 eP P 23 31 09.0 -0.2
OXZ OXZ 21.08 196 eS S 23 34 36.0 +8.3
MOZ McQueen's Vall 21.29 195 ePN P 23 31 10.3 -0.7
MOZ McQueen's Vall 21.29 195 eP P 23 31 10.6 -0.4
RPZ Rata Peaks 21.71 198 P P 23 31 14.8 0.0
RPZ Rata Peaks 21.71 198 eP P 23 31 16.1 +1.3
FOZ Fox Glacier 21.92 200 PN P 23 31 16.5 -0.1
FOZ Fox Glacier 21.92 200 eP P 23 31 16.8 -0.2
LBZ Lake Benmore 22.57 199 eP P 23 31 21.9 -0.7
JCZ Jackson Bay 22.73 201 PN P 23 31 23.7 -0.4
ODZ Otahua Downs 23.05 197 eP P 23 31 24.5 -2.3
WAZ Wanaka 23.33 200 eP P 23 31 28.4 -0.9
MLZ Milnor Lakes 24.10 201 eP P 23 31 37.5 +1.4
DCZ Deep Cove 24.51 202 eP P 23 31 41.0 +1.3
WHZ Wether Hill Ro 24.62 201 eP P 23 31 41.6 +0.9
SYZ Scrubby Hill 24.84 198 ePN P 23 31 42.0 -0.6
PYZ Puysegur Point 25.29 202 eP P 23 31 46.5 -0.1

ARMA Armidale 26.31 248 P P 23 31 58.2 +2.2
ARMA Armidale 26.31 248 eP P 23 31 58.2 +2.2
MGCD Mangrove Creek 27.29 242 P P 23 32 06.7 +2.3
RMQ Roma 28.55 257 P P 23 32 09.7 -5.8
CNB Canberra Magne 29.23 239 P P 23 32 23.5 +2.1
CAN Canberra 29.51 239 eP P 23 32 24.3 +0.5
CMSA Cobar Meteorol 31.51 247 P P 23 32 42.0 +1.1
CTA Charters Tower 31.54 269 P P 23 32 42.2 +0.8
CTA Charters Tower 31.54 269 eP P 23 32 42.2 +0.8
QLP Quilpie 31.62 257 P P 23 32 51.0 +0.7
TOO Toolangi 32.84 236 P P 23 32 53.7 +1.4
TAU Tasmania Unive 33.41 226 eP P 23 32 55.3 -1.6
MTSU Mount Surprise 33.77 272 P P 23 33 01.2 +0.9
STKA Stephens Creek 35.02 247 P P 23 33 11.7 +1.2
ARPS Mount Arapiles 35.49 239 P P 23 33 15.7 +1.3
COEN Coen 36.08 278 P P 23 33 20.3 +0.7
COEN Coen 36.08 278 eP P 23 33 19.6 +0.1
QIEN Mount Isa 37.55 266 P P 23 33 31.6 +0.1
BBOO Buecklebo 39.75 246 P P 23 33 49.4 +0.2
BBOO Buecklebo 39.75 246 eP P 23 33 49.4 +0.2
ASO1 Alice Springs 42.16 260 eP P 23 34 08.5 +0.1
ASO1 Alice Springs 42.20 260 eP P 23 34 09.1 +0.3

AS31 Alice Springs 42.20 260 eP P 23 35 50.1 -0.1
AS31 Alice Springs 42.20 260 eSN P 23 39 48.0 -1.7
ASAR Alice Springs 42.20 260 P P 23 34 09.1 +0.3
ASAR Alice Springs 42.20 260 P P 23 35 50.1 -0.1
ASAR Alice Springs 42.20 260 P P 23 39 48.0 -1.7
WC3 Warramunga Arr 42.48 265 P P 23 34 10.7 -0.3
WB2 Warramunga Arr 42.50 265 eP P 23 34 10.8 -0.4
WRAB Tennant Creek 42.51 265 P P 23 34 10.0 -1.2
WRAB Tennant Creek 42.51 265 eP P 23 34 10.8 -0.4
WR1 Warramunga Arr 42.51 265 eP P 23 34 10.9 -0.3
WRA Warramunga Arr 42.51 265 P P 23 34 10.9 -0.3
KDU Kakadu 46.29 275 P P 23 34 40.0 +0.4
WRKA Warak 47.04 257 P P 23 34 46.2 -0.2
MTN Mantion Dam 47.27 274 P P 23 34 48.8 -0.5
MTN Mantion Dam 47.27 274 eP P 23 34 48.8 -0.9
KNRA Kununurra 48.75 269 P P 23 34 58.9 +0.1
SOEI Soe 54.85 274 eP P 23 35 40.0 -3.0
SBA Scott Base 55.01 183 eP P 23 35 47.3 +4.5

VNDA Vanda 55.01 183 P P 23 35 45.5 +2.6
VNDA Vanda 55.01 183 eP P 23 35 44.3 -1.4
KLBK Kellerberrin 55.29 247 P P 23 35 45.9 +0.3
NWA0 Narragin (SRO) 55.55 245 eP P 23 35 47.4 0.0
RKGY Rocky Gully 55.57 243 P P 23 35 48.3 +0.8
BLDU Ballidu 56.32 248 P P 23 35 52.9 +0.2
MMRI Murrumbidgee 57.13 275 eP P 23 35 56.8 -1.6
MORW Morawa 57.15 250 P P 23 35 58.7 +0.3
GIRL Girl 60.12 256 P P 23 36 20.3 +1.8
JAGI Jagaj, Banyuwa 64.61 272 eP P 23 36 46.8 -0.9
QSPA South Pole Qui 66.81 180 P P 23 37 03.2 +2.5
UGM Wanaqana 68.15 271 eP P 23 37 09.8 +0.1
UGM Wanaqana 68.15 271 eP P 23 37 09.0 -0.6
MJAR Matushiro Arr 71.41 325 P P 23 37 28.2 -0.3
MAW Mawson 73.36 200 P P 23 38 08.8 +1.9
MAW Mawson 73.36 200 eP P 23 38 08.8 +1.9
KULM Kulin 82.40 279 eP P 23 38 28.0 -0.9

23 30 14.1 -0.6
23 32 48.1 -3.7
23 30 23.7 +2.3
23 30 21.7 -2.6
23 33 03.6 -4.5
23 30 23.1 -1.2
23 33 02.5 -5.6
23 33 27.6 -1.2
23 30 38.1 -0.1
23 33 36.0 +3.1
23 30 43.3 -0.4
23 32 27.6 +1.3
23 30 48.3 +0.2
23 33 49.3 -1.4
23 30 55.0 +1.0
23 30 57.7 +1.1
23 30 57.3 -0.8
23 30 46.6 -1.7
23 30 58.1 +1.0
23 34 06.7 -1.6
23 31 04.0 -0.7
23 31 09.0 -0.2
23 34 36.0 +8.3
23 31 10.3 -0.7
23 31 10.6 -0.4
23 31 14.8 0.0
23 31 16.1 +1.3
23 31 16.5 -0.1
23 31 16.8 -0.2
23 31 21.9 -0.7
23 31 23.7 -0.4
23 31 24.5 -2.3
23 31 28.4 -0.9
23 31 37.5 +1.4
23 31 41.0 +1.3
23 31 41.6 +0.9
23 31 42.0 -0.6
23 31 46.5 -0.1
23 31 58.2 +2.2
23 31 58.2 +2.2
23 32 06.7 +2.3
23 32 09.7 -5.8
23 32 23.5 +2.1
23 32 24.3 +0.5
23 32 42.0 +1.1
23 32 42.2 +0.8
23 32 42.2 +0.8
23 32 51.0 +0.7
23 32 53.7 +1.4
23 32 55.3 -1.6
23 33 01.2 +0.9
23 33 11.7 +1.2
23 33 15.7 +1.3
23 33 20.3 +0.7
23 33 19.6 +0.1
23 33 31.6 +0.1
23 33 49.4 +0.2
23 33 49.4 +0.2
23 34 08.5 +0.1
23 34 09.1 +0.3
23 35 50.1 -0.1
23 39 48.0 -1.7
23 34 09.1 +0.3
23 35 50.1 -0.1
23 39 48.0 -1.7
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
0.4nm,0.5s,baz=93,slow=8.0,SNR=11.4
1.8nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
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0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
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0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
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0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
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1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
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0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SNR=5.9
4.2nm,0.9s,baz=104,slow=6.2,SNR=4.2
0.4nm,0.4s,baz=104,slow=6.2,SNR=4.2
1.1nm,0.4s,baz=104,slow=6.2,SNR=16
0.3nm,0.5s,baz=291,slow=5.6,SNR=8.6
0.6nm,0.3s,baz=86,slow=4.4,SNR=9.2
0.6nm,0.7s,baz=92,slow=5.7,SNR=7.0
0.6nm,0.7s,baz=97,slow=15,SNR=4.4
4.2nm,0.6s,baz=99,slow=5.9,SN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USP Osenovka, KZA Kyzart, KZA baz=85, KZA Kyzart, TKM2 Tokmak 2, etc.

BUJ 30 01:49:17.0, 65.43N, 132.87W, h9km, mb4.7/17, mB5.1/13, Ms5.0/9, Ms7.4/5/9
MOS 30 01:49:18.4, 1.3, 65.12N, 133.62W, h10km, mb4.8/25, Error ellipse: s-maj=13.4km s-min=6.1km az=89.7
ISCBJ 30 01:49:18.2, 0.1, 65.18N, 132.02, 133.52W, 0.03, h10km, mb4.4/55, MS3.5/6, Error ellipse: s-maj=2.3km s-min=1.9km az=157.9

Yukon Territory
Code Station Name Az AzZ Phase ID Time Res ISC
DAWY Dawson 2.91 248 Op Pn 01 50 03.3 +1.9
DAWY Dawson 2.91 248 P S 01 50 42.7 +1.4
DAWY Dawson 2.91 248 P S 01 50 04.3 -1.9
DAWY Dawson 2.91 248 P S 01 50 38.6 -2.7
INUK Inuvik 3.04 358 Pn 01 50 09.1 +1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INUK Inuvik, EGAK Eagle, EGAK Beaver Creek A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KLU Klutina, MCK McKinley, MCK McKinley, DIV Divide, etc.

IDS 30 01:28:57.6, 8.4, 59.54S, 23.69W, h0km, mb3.8/2, mb1.3/7.2, mb1mx3.6/16, mbtmp3.8/2, Error ellipse: s-maj=516.3km s-min=56.5km az=136.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR6.93, H10S3 ASCENSION HYDR6.94, etc.

IDS 30 01:34:34.9, 1.2, 27.00N, 143.49E, h0km, mb3.4/5, mb1.3/8/6, mb1mx3.5/33, mbtmp3.4/6, ML 3.5/1, Error ellipse: s-maj=42.8km s-min=29.0km az=99.0

ISCBJ 30 01:34:35.5, 1.0, 27.22N, 143.52E, 0.08, h10km, mb3.5/5, Error ellipse: s-maj=18.9km s-min=7.4km az=154.4

JMA 30 01:34:39.4, 0.4, 27.22N, 143.28E, h0km, M3.3 IDS 30 01:34:36.8, 1.0, 27.21N, 0.1x143.46E, 0.08, h10km, n8, c088/10, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, JHHJ Haha-jima-NKT, MJAR Matsushiro Arr, etc.

IDS 30 01:49:04.0, 7.3, 19.67S, 176.28W, h0km, mb3.6/2, mb1.3/8/2, mb1mx3.5/33, mbtmp3.6/2, Error ellipse: s-maj=407.8km s-min=103.7km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array, etc.

13m, 0.3s, baz=294, slow=22, SNR=2.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, YKB5 Yellowknife Ar, YKB6 Yellowknife Ar, etc.

1803

Table with columns: MDJ, Mudanjiang, 20.63 331, P, Pn, 03 51 52.8 -0.3, etc. Includes stations like HHC, HHC, HHC, etc.

2010 DEC

Table with columns: KSH, comp=Z,400nm,5.4s, LN, etc. Includes stations like ILAR, ILAR, ILAR, etc.

30d 4h

Table with columns: DPC, Dobruska-Polom, 1.04 174, jP, PG, etc. Includes stations like PVCC, PVCC, BRG, etc.

IDC 30 04:00:38.2.9.6,7.98S:123.86E,h200km,80km,mb3.3/1, mb1 3.3/4, mb1mx2.9/30, mbtmb3.8/4, Error ellipse: s-maj=101.8km s-min=72.0km az=59.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, FITZ, WRA, etc.

MEX 30 04:03:03.5:0.4,14.18N:93.45W,h200km,999km,MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, PCIG, CCGI, etc.

IDC 30 04:04:23.7:0.8,56.31S:25.44W,h0km,mb4.2/7, mb1 4.1/8, mb1mx3.9/31, mbtmb4.1/8, ML3.4/1, Error ellipse: s-maj=29.4km s-min=18.8km az=73.0

ISCJB 30 04:04:26.2:0.8,56.3S:0.1:25.4W:0.3,h29km,mb4.2/7, Error ellipse: s-maj=27.9km s-min=13.8km az=157.4

ISC 30 04:04:28.0:0.8,56.3S:0.1:25.5W:0.2,h29km,n11, o062/11,mb4.0/7,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA, SNA, QSPA, etc.

MEX 30 04:11:04.7:0.3,14.17N:93.47W,h16km,145km,MD4.4, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, PCIG, CCGI, etc.

ISCJB 30 04:21:38.4:0.6,39.37N:104.20:16E:0.04,h30km,4km, Error ellipse: s-maj=6.9km s-min=4.8km az=31.9

ATH 30 04:21:38.7,39.39N:20.27E,h131km,MD3.0/12 CSEM 30 04:21:38.4:0.2,39.35N:20.18E,h20km,ML3.0, Error ellipse: s-maj=6.4km s-min=4.0km az=34.0

THE 30 04:21:40.1,39.40N:20.27E,h24km,1km,ML3.0/4, Error ellipse: s-maj=3.0km s-min=0.8km az=9.0

ISC 30 04:21:38.2:1.0,39.34N:0.03:20.19E:0.03,h31km,6km, n11,o1506/87,Cecep-Albaha border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGT, IGT, IGT, etc.

ISC 30 03:54:50.3:1.7,51.39N:0.08:16.15E:0.05,h0km,n12, o064/26,9D,Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, KSP, KSP, etc.

1805

Table of astronomical observations for 1805, listing station names, station IDs, coordinates, and observation times.

2010 DEC

Table of astronomical observations for 2010 DEC, listing station names, station IDs, coordinates, and observation times.

30d 6h

Table of astronomical observations for 30d 6h, listing station names, station IDs, coordinates, and observation times.

30d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESO, GNL, KOKL, MA2, etc.

2010 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SCM, MDM, COLA, YAK, etc.

1806

Table with columns for station name, frequency, power, and other technical details. Includes stations like INK, CHANGCHUN, WAKE ISLAND, etc.

30d 6h

O20A	White River Ci	53.97	69	P	P	07 05 58.4 +0.4
O20A	White River Ci	53.97	69	eP	P	07 05 58.0 0.0
D29A	Pettibone, Tap	54.03	58	eP	P	07 05 57.4 -0.7
B31A	Greenbush Farm	54.11	55	P	P	07 05 58.1 -0.5
C30A	Mose, Pekin	54.17	56	P	P	07 05 58.6 -0.5
F28A	McLaughlin	54.21	59	P	P	07 05 59.7 +0.3
GYA	Guliyang	54.23	267	iP	P	07 05 59.8 -0.1
GYA				pP	P	07 06 09.5 +0.8
GYA				pCP	ScP	07 11 02.0 +2.2
GYA				S	SS	07 13 37.0 +1.6
GYA				SS	SS	07 13 48.8 -1.1
GYA				SS	SS	07 17 17.5 +0.4
GYA	comp=Z,30nm,1.1s				PMZ	
GYA	comp=Z,180nm,5.9s				LN	
GYA	comp=Z,460nm,15.6s				LE	
GYA	comp=Z,720nm,17.2s				LZ	
MKAR	Makanchi Array	54.24	302	P	P	07 05 58.2 -1.4
MKAR	Makanchi Array	54.24	302	eP	P	07 05 58.2 -1.4
MKAR	Makanchi Array	54.24	302	eP	P	07 05 58.5 -1.1
MK01	Makanchi Array	54.25	302	eP	P	07 05 58.1 -1.6
J25A	Sunshine Ranch	54.25	63	P	P	07 05 59.2 -0.7
E29A	Napoleon	54.34	58	P	P	07 06 00.6 +0.2
H27A	Howes	54.35	61	P	P	07 06 00.8 +0.3
A32A	Rocking H Ranch	54.36	54	P	P	07 06 00.3 -0.1
MAK2	Makanchi	54.39	302	eP	P	07 05 59.4 -1.3
D30A	Buchanan	54.43	57	P	P	07 06 00.4 -0.6
C31A	Landman Farms,	54.49	56	P	P	07 06 00.9 -0.5
G28A	Parade	54.67	60	P	P	07 06 02.9 +0.1
Y12C	Blythe	54.68	79	P	P	07 06 03.9 +1.0
B32A	Ashes, Strandq	54.68	55	P	P	07 06 02.3 -0.5
J26A	Sides Ranch, S	54.70	63	P	P	07 06 02.8 -0.3
F29A	Eureka	54.73	59	P	P	07 06 02.6 -0.6
I27A	Quinn	54.74	62	P	P	07 06 03.7 +0.3
PHWY	Pilot Hill	54.75	66	eP	P	07 06 03.7 0.0
N23A	Red Feather La	54.75	67	eP	P	07 06 04.2 +0.6
N23A	Red Feather La	54.75	67	eP	P	07 06 04.3 +0.6
E30A	Jud	54.76	58	P	P	07 06 02.9 -0.4
H28A	Mission Ridge	54.88	61	P	P	07 06 04.4 +0.1
A33A	Warroad	54.88	54	P	P	07 06 03.7 -0.5
GLA	Glamis	54.99	80	eP	P	07 06 06.2 +1.0
GLA	Glamis	54.99	80	eP	P	07 06 05.8 +0.5
GLA	Glamis	54.99	80	eP	P	07 06 06.2 +1.0
AGMN	Agassiz Nation	55.08	54	P	P	07 06 05.5 -0.1
AGMN	Agassiz Nation	55.08	54	eP	P	07 06 05.3 -0.4
F30A	Leola	55.15	58	P	P	07 06 05.5 -0.6
B33A	Robert and Kas	55.23	54	P	P	07 06 06.5 -0.2
E31A	Nome	55.24	57	P	P	07 06 06.2 -0.7
I28A	Midland	55.26	61	P	P	07 06 07.0 -0.1
WUAZ	Wupatki	55.31	75	eP	P	07 06 09.9 +2.1
J27A	Elkhorn Farm,	55.32	62	P	P	07 06 07.4 -0.2
LVZ	Lovozero	55.32	342	iP	P	07 06 06.1 -1.1
LVZ	Lovozero	55.32	342	eP	P	07 06 06.9 -0.3
SMCO	Snowmass	55.34	69	eP	P	07 06 08.3 +0.2
H29A	Onida	55.34	60	P	P	07 06 07.7 +0.1
ARAO	ARCESS Array S	55.40	346	eP	P	07 06 07.3 -0.4
ARCES	ARCESS Array B	55.40	346	eP	P	07 06 07.2 -0.5
ARCES	comp=Z,20nm,0.9s,baz=49,slow=8.4,SNR=18				LR	07 32 11.5
ARCES	comp=Z,949nm,18.6s,baz=20,slow=39				LR	
ARCES	ARCESS Array B	55.40	346	P	P	07 06 07.2 -0.5
ARCES	comp=Z,20nm,0.9s				MLR	MLR
ARCES	comp=Z,949nm,18.6s				MLR	MLR
AREO	ARCESS Array S	55.40	346	eP	P	07 06 08.6 +0.9
C33A	Trail	55.49	55	P	P	07 06 08.6 -0.1
F31A	Hecla	55.53	58	P	P	07 06 08.3 -0.6
B34A	Aery, Baudette	55.55	54	P	P	07 06 08.9 -0.1
G30A	Faulkner	55.56	59	P	P	07 06 08.7 -0.4
J28A	Allard Ranch,	55.61	62	P	P	07 06 09.4 -0.3
YOSK	Vostochayna	55.63	314	eP	P	07 06 09.9 -0.6
YOSK	Vostochayna	55.63	314	eP	P	07 06 08.9 -0.6
BVAR	Borovyoye Array	55.68	314	P	P	07 06 09.3 -0.6
BVAR	comp=Z,28nm,0.9s,baz=50,slow=7.9,SNR=100				LR	07 33 49.9
BVAR	comp=Z,1um,19.4s,baz=58,slow=40				LR	
BVAR	Borovyoye Array	55.68	314	P	P	07 06 09.3 -0.6
BVAR	comp=Z,28nm,0.9s				MLR	MLR
BVAR	comp=Z,1um,19.4s				MLR	MLR
ISCO	Idaho Springs	55.68	68	eP	P	07 06 11.5 +1.0
ISCO	Idaho Springs	55.68	68	eP	P	07 06 10.4 -0.1
ISCO	Idaho Springs	55.68	68	eP	P	07 06 11.5 +1.0
BRVK	Borovyoye	55.70	314	iP	P	07 06 09.7 -0.3
BRVK	comp=Z,107nm,1.7s				mb	07 06 10.1 +0.1
BRVK	SNR=39				mb	07 06 11.3
BRVK	Borovyoye	55.70	314	P	P	07 06 09.0 -1.0
BRVK	comp=Z,309nm,1.1s,SNR=30				P	07 06 09.6 -0.3
I29A	Vivian Onida	55.70	61	P	P	07 06 10.1 -0.2
MVCO	Mesa Verde	55.82	72	P	P	07 06 11.5 +0.4
MVCO	Mesa Verde	55.82	72	eP	P	07 06 11.8 +0.4
APA	Apatity	55.85	342	iP	P	07 06 11.6 +0.7
D33A	AnnSam, Waubun	55.88	55	P	P	07 06 10.9 -0.5
G31A	Conde	55.98	58	P	P	07 06 11.7 -0.5
C34A	RKJ Ranch, Bem	55.99	54	P	P	07 06 12.0 -0.2
K28A	Ten Mile Ranch	56.03	63	P	P	07 06 12.7 +0.1
B35A	Bob, Littlefor	56.09	53	P	P	07 06 12.4 -0.4
F32A	Veblen	56.10	57	P	P	07 06 12.1 -0.9
J29A	Okreek	56.11	61	P	P	07 06 13.1 0.0
TRO	Tromso	56.18	349	eP	P	07 06 13.0 -0.2
SOKR	Solikamsk	56.20	326	iP	P	07 06 13.4 0.0
SOKR	comp=Z,70nm,1.3s				pmax	pmax

2010 DEC

KTK1	Kautokeino	56.21	347	eP	P	07 06 13.6 +0.2
E33A	Westby DABS, E	56.23	56	P	P	07 06 13.1 -0.8
D34A	Park Rapids	56.24	55	P	P	07 06 13.4 -0.6
I30A	Oacoma	56.24	60	P	P	07 06 13.6 -0.5
G32A	Webster	56.23	58	P	P	07 06 14.1 -0.6
ZRNK	Zerenda	56.33	315	eP	P	07 06 14.1 -0.4
ZRNK	Zerenda	56.33	315	eP	P	07 06 14.1 -0.4
H31A	Wolsey	56.35	59	P	P	07 06 14.5 -0.3
SFJD	Kangerlussuaq	56.35	18	eP	P	07 06 14.4 -0.1
SFJD	Kangerlussuaq	56.35	18	eP	P	07 06 14.4 -0.1
S22A	4UR Ranch, Cre	56.40	70	eP	P	07 06 15.6 -0.1
S22A	4UR Ranch, Cre	56.40	70	eP	P	07 06 16.4 +0.7
C35A	Jirik Farms, M	56.42	54	P	P	07 06 14.7 -0.5
Q24A	Divide	56.42	68	P	P	07 06 15.7 -0.8
Q24A	Divide	56.42	68	eP	P	07 06 17.4 +0.9
F33A	5 Mile Ranch,	56.54	57	P	P	07 06 15.8 -0.4
K29A	Lazy Trails An	56.62	62	P	P	07 06 16.2 -0.2
SCO	Scoresbysund	56.59	5	iP	P	07 06 16.4 +0.3
SCO	comp=Z,50nm,1.3s				pmax	pmax
SCO	Scoresbysund	56.59	5	iP	P	07 06 16.4 +0.3
J30A	Dallas	56.61	61	P	P	07 06 16.4 -0.3
E34A	Wadena	56.64	56	P	P	07 06 16.7 -0.2
D35A	Remer	56.81	54	P	P	07 06 17.5 -0.6
H32A	Carlson Farm,	56.88	59	P	P	07 06 18.1 -0.5
SVE	Sverdljovsk	56.90	322	iP	P	07 06 18.9 +0.4
SVE	comp=Z,51nm,1.3s				pmax	pmax
SVE	Sverdljovsk	56.90	322	iP	P	07 06 18.9 +0.4
G33A	Ortonville	56.91	57	P	P	07 06 18.3 -0.5
M28A	Bar X Bar Ranc	56.93	64	P	P	07 06 19.4 +0.3
C36A	Pine Crest Far	56.93	53	P	P	07 06 18.6 -0.3
214A	Organ Pipe Nat	56.97	79	P	P	07 06 19.6 +0.2
214A	Organ Pipe Nat	56.97	79	eP	P	07 06 19.5 +0.1
K30A	Basco	56.99	62	P	P	07 06 19.4 -0.1
E35A	Pequot Lakes	57.00	55	P	P	07 06 19.2 -0.2
J31A	Geddes	57.03	60	P	P	07 06 19.2 -0.5
F34A	Alexandria	57.05	56	P	P	07 06 19.6 -0.5
H33A	Prehn Over Nor	57.11	58	P	P	07 06 19.8 -0.5
SDCO	Great Sand Dun	57.16	70	P	P	07 06 21.6 +0.6
D36A	Goodland	57.18	54	P	P	07 06 20.3 -0.4
I32A	Kane and Nic	57.19	59	P	P	07 06 20.3 -0.5
M29A	Burnside Ranch	57.27	63	P	P	07 06 21.9 +0.4
C37A	Embarrass	57.27	53	P	P	07 06 21.2 -0.1
N28A	Pribbeno Ranch	57.33	64	P	P	07 06 22.6 +0.6
F35A	Swanville	57.40	56	P	P	07 06 22.4 +0.2
L30A	Spencer Herefo	57.44	62	P	P	07 06 22.7 +0.1
J32A	Parkston	57.44	60	P	P	07 06 21.9 -0.7
EYMN	Ely	57.45	52	P	P	07 06 22.3 -0.3
EYMN	Ely	57.45	52	eP	P	07 06 22.3 -0.3
K31A	O'Neill	57.49	61	P	P	07 06 22.7 -0.3
I33A	Coleman	57.52	59	P	P	07 06 22.4 -0.7
D37A	Cotton	57.55	54	P	P	07 06 22.9 -0.4
KMI	Kunming	57.59	270	P	P	07 06 26.8 +2.7
KMI	Kunming	57.59	270	pP	pP	07 06 33.8 +0.8
KMI	Kunming	57.59	270	sP	sP	07 06 36.5 +0.1
KMI	Kunming	57.59	270	PP	PP	07 06 36.3 +4.5
KMI	Kunming	57.59	270	S	S	07 14 20.3 0.0
KMI	Kunming	57.59	270	sS	sS	07 14 32.9 -2.1
KMI	Kunming	57.59	270	SS	SS	07 18 12.0 +1.7
KMI	comp=Z,17nm,0.9s				PMZ	
KMI	comp=Z,190nm,5.8s				LN	
KMI	comp=Z,600nm,12.3s				LZ	
KMI	comp=Z,680nm,12.5s				LZ	
O28A	Krutsinger Ran	57.59	65	P	P	07 06 24.4 +0.6
E36A	McGregor	57.59	55	P	P	07 06 23.2 -0.4
H34A	Spellman Lake,	57.62	58	P	P	07 06 23.1 -0.7
M30A	Dal'Orello V	57.64	63	P	P	07 06 24.4 +0.3
C38A	Sawbill Land,	57.72	52	P	P	07 06 24.2 -0.3

1809

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, KSU1 Kansas State U, KSU11 Kansas State U, etc.

2010 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like W34A Bridge Creek, Z31A Sharp Cattle R, X35A Lawton, etc.

30d 6h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like 234A Clairette, Z36A Blue Ridge, 333A Richland Sprin, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VRI, DRGR, BUD, CFR, CONA, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PCAS, PCBR, ESDC, PAB, etc.

IDC 30 07:03:44.2±0.5, 56:38S;25°20'W, h0km, mb4.0/2, mb1 4.0/2, mb1mx3.6/27, mbtmp4.0/2, Error ellipse: s-maj=89.2km s-min=34.8km az=98.0, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like QSPA, TORD, YKA, etc.

IDC 30 07:04:27.9±0.0, 56:39S;25°11'W, h0km, mb3.9/1, mb1 3.9/1, mb1mx3.6/25, mbtmp3.9/1, Error ellipse: s-maj=110.8km s-min=74.2km az=136.0, South Sandwich Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TORD, YKA, SONM, etc.

NEIC 30 07:10:46.6, 18°18'N; 103°54'W, h5km, MD4.1 (MEX), After MEX

MEX 30 07:10:46.6±0.6, 18°18'N; 103°54'W, h5km, MD4.1, Near coast of Michoacan

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MMIG, R15V, etc.

NNC 30 07:26:46.0±1.3, 42°42'N; 73°03'E, h8km, mb2.7, mpv2.0, Error ellipse: s-maj=40.3km s-min=5.8km az=179.0

KRNET 30 07:26:45.6±0.1, 42°31'N; 73°06'E, h10km, mb2.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TOKL, TOKL, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MNAS, MNAS, MNAS, etc.

IDC 30 07:35:22.4±0.5, 10:58S; 164°25'E, h0km, mb4.5/22, mb1 4.7/24, mb1mx4.6/40, mbtmp4.6/24, ML4.8/2, MS4.3/16, MS1 4.3/16, ms1mx4.2/24, Error ellipse: s-maj=20.1km s-min=12.8km az=92.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BFO, TUE, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MSU Marysvalde, NLU North Lily Min, NPI North Pocatelli, etc.

ISCJ 30 07:35:53.4+1.4, 54.20N:87.39E, h0km, mb3.1/1, mb1 3.5/4, mb1mx3.3/50, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=16.4km s-min=12.7km az=126.0

ISCJ 30 07:35:58.1+1.7, 54.31N:10.10:87.1E:0.1, h35km, n9, r165/12, 2C-4D, Southern Hemisphere Siberia

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Array, ZALV Zalesovo Beam, etc.

ISCJ 30 07:38:04.2+0.5, 20.1S:107.177W:0.1, h450km, mb3.8/1.1, Error ellipse: s-maj=21.3km s-min=7.6km az=145.7

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CNB Canberra Magne, CTA Charters Tower, TOO Toolang, etc.

MEX 30 07:51:43.0+0.7, 18.22N:103.55W, h2km, MD3.8, Near coast of Michoacan

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MMIG Aquila, R15V, R15V, EZSV, EZSV, etc.

ISC 30 07:54:10.7+1.4, 19.55S:168.26E, h0km, mb3.9/6, mb1 4.2/7, mb1mx4.0/25, mbtmp3.9/7, ML3.6/1, Error ellipse: s-maj=33.8km s-min=28.7km az=120.0

ISC 30 07:54:15.4+1.1, 19.67S:168.34E, h10km, mb4.2/3, Error ellipse: s-maj=19.6km s-min=18.0km az=151.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, etc.

ISC 30 07:54:15.4+1.1, 19.67S:168.34E, h10km, mb4.2/3, Error ellipse: s-maj=19.6km s-min=18.0km az=151.0

ISC 30 08:03:51.8+0.5, 44.83N:0.03:78.73E:0.05, h10km, mb3.4/1, MS3.3/1, Error ellipse: s-maj=5.5km s-min=4.5km az=190.0

ISC 30 08:03:51.8+0.9, 44.65N:78.97E, h0km, mb3.4/1, mb1 3.4/6, mb1mx3.2/44, mbtmp3.4/6, ML3.0/5, MS3.4/1, MS1.3/4/1, ms1mx2.7/46, Error ellipse: s-maj=15.6km s-min=6.9km az=143.0

ISC 30 08:03:53.5+0.8, 44.77N:0.05:78.93E:0.05, h10km, n28, r190/36, 21C-12D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PDGK Podgornoye, PDGK Podgornoye, KNDC Almaty, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CHMS Chumysh, USP Osenovka, KBK Karagaybulak, etc.

NNC 30 08:09:23.0+1.4, 48.47N:70.47E, h4km, g8km, mb3.5, mpv3.2, 11C-9D, Error ellipse: s-maj=12.3km s-min=9.3km az=38.0, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like OTUK Ortau, OTUK Ortau, OTUK Ortau, etc.

NIED 30 08:23:00.33:50N:132.04E, h32km, M3.7, Best double couple: M4.480000, 1014 NP1:357.00000, 84.00000, 84.00000, 84.00000, NP2:369.00000, 850.00000, 84.95.00000

ISCJ 30 08:23:07.3+0.4, 33.47N:104.132:39E:0.04, h57km, 4km, mb3.6/8, Error ellipse: s-maj=6.2km s-min=5.7km az=22.2

JMA 30 08:23:08.5, 33.48N:132.38E, h43km, M3.8, Broadband fault plane solution: P waves, NP1:357.00000, 872.00000, 101.00000, NP2:369.00000, 821.00000, 84.260.00000, Principal axes: T P1g26.00000, Azm26.00000, N Plg11.00000, Azm161.00000, P Plg62.00000, Azm50.00000

JMA Felt J1, JMA 30 08:23:09.7+1.8, 33.56N:132.30E, h62km, 16km, mb3.4/8, mb1 3.6/10, mb1mx3.3/45, mbtmp3.6/10, Error ellipse: s-maj=17.8km s-min=12.8km az=96.0

ISC 30 08:23:08.0+0.8, 33.47N:104.132:39E:0.04, h45km, 7km, n25, r99/35, mb3.6/8, 3C-2D, Shikoku

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JNA Nagahama, JNA Nagahama, UWA2 Uwa jima 2, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JNA Nagahama, JNA Nagahama, UWA2 Uwa jima 2, etc.

30d 8h

Table with columns: JHT, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Toyohira, Monobe, Nakatsue, etc.

VIE 30 08:23:57.0±0.5, 45.98N, 16.11E, h5km, 2km, mb2.0/6, mI2.9/6, Error ellipse: s-maj=3.6km s-min=2.7km az=139.0

Main station list table for the 30d 8h period, including stations like Gornji Cirk, Golise, Cresnjev, etc.

2010 DEC

Main station list table for the 2010 DEC period, including stations like Knezji Dol, Obir, Obka, etc.

1814

Main station list table for the 1814 period, including stations like Omchak, Talaya, Magadan, etc.

ISC 30 08:44:35.6±1.1, 19.22S, 167.96E, h0km, mb4.0/7, mI1.4/2.8, mb1mx4.0/34, mbtmp4.0/8, ML3.71, MS3.2/3

Table of station data for the 1814 period, including stations like DZM, STKA, WRA, etc.

ISC/JB 30 08:45:00.3±0.8, 17.3S, 0.2±177.2W, 0.2, h372km, mb3.5/5, Error ellipse: s-maj=33.7km s-min=10.1km az=146.5

Table of station data for the 1814 period, including stations like AFI, URZ, STKA, etc.

NEIC 30 08:51:51.9, 17.76N, 101.48W, h35km, MD4.3(MEX), After MEX.

Table of station data for the 1814 period, including stations like ZIIG, ARIG, CAIG, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like STKA Stephens Creek, MKAR Makanchi Array, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like DZM, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Q38A Cooks Store, Q39A Willow Grove F, P39A Salisbury, etc.

ISCJB 30 10:21:57.0-0.5, 26.88N-0.06: 143.82E-0.04, h10km, mb4.1/26, MS3.9/3, Error ellipse: s-maj=8.4km

ISCJB 30 10:32:56.3-0.7, 15.21N-0.06: 95.77W-0.05, h35km, mb3.9/7, Error ellipse: s-maj=9.8km s-min=5.7km az=23.6

ISCJB 30 10:33:32.5-0.0, 18.22S-177.88W, h0km, mb4.1/3, mb1 4.2/5, mb1mx3.7/30, mbtmpp4.1/3, Error ellipse: s-maj=921.9km s-min=153.3km az=80.0, Fiji Islands region

Main table section 1: Code, Station Name, Az, El, P, Time, Res. Includes stations like JMA 30 10:22:00.3-0.2, 27.08N-143.76E, etc.

Main table section 2: Code, Station Name, Az, El, P, Time, Res. Includes stations like JTS JuntasAbangare, TXAR Lajitas Array, etc.

Main table section 3: Code, Station Name, Az, El, P, Time, Res. Includes stations like CBJJ Chichi jima, JHHJ Haha-jima-NKT, etc.

ISCJB 30 10:23:57.0-0.2, 19.26S-167.76E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.8/38, mbtmpp4.0/5, ML3.8/1, Error ellipse: s-maj=58.7km s-min=34.6km az=129.0, Vanuatu Islands region

ISCJB 30 10:48:21.6, 36.99N-29.20E, h7km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=173.7

ISCJB 30 10:48:22.1, 0.3-0.2, 27.21N-0.07: 143.83E-0.09, h10km, mb3.7/4, Error ellipse: s-maj=13.2km s-min=6.0km

30d 12h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Nakatsue, Chita, Gongju, Rockport, etc.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Talaya, Talaya, Forest Hills D, etc.

1824

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LKWY Lake, VES Vestal, RWY Flagg, etc.

30d 12h

Table with columns for call sign, name, frequency, and other parameters. Includes stations like BBKI Banjar Baru, HLMI Long Mynd, ABKT Ailbeck, etc.

2010 DEC

Table with columns for call sign, name, frequency, and other parameters. Includes stations like NIE Niedzica, NIE Niedzica, PLN Plauen, etc.

1828

Table with columns for call sign, name, frequency, and other parameters. Includes stations like GERES GRESS Array B, GERES GRESS Array B, GERES GRESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONGAI DAREH, TRIESTE, BOJANCI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRIVANDRUM, EVORA, LASITHI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AYBZ, Zeytinokoy-Aydi, WTKA, etc.

30d 12h

TKL	7.2nm,0.3s,baz=22,slow=6.3,SNR=43	Pg	Pb	12 56 49.9 -0.5
TKL	16nm,0.3s,baz=340,slow=12,SNR=23	Pg	Pb	12 57 31.1 -4.3
TKL	12nm,0.3s,baz=10.0,slow=14,SNR=3.9	Sn	Lg	12 57 54.7
O39A	76nm,0.3s,baz=108,slow=19,SNR=13	Pn	Pn	12 56 38.8 +1.3
PKM	Kirksville	5.06 270	P	
PKM	Poplar Bluff	5.06 226	ePn	Pn
PKM	Cooper Cave	5.08 167	ePn	Pn
PKM	SWET	5.20 180	ePn	Pn
PKM	HALT	5.24 212	ePn	Pn
PKM	HALT	5.27 53.8	eSn	Sb
PKM	P39A	5.33 262	P	Pn
PKM	Salisbury	5.33 262	P	Pn
PKM	Maddies Statio	5.35 249	P	Pn
PKM	BLA	5.36 125	ePn	Pn
PKM	GNAR	5.49 217	ePn	Pn
PKM	N38A	5.57 276	P	Pn
PKM	Joes South For	5.57 276	P	Pn
PKM	M38A	5.59 283	P	Pn
PKM	Pleasantville	5.59 283	P	Pn
PKM	K38A	5.59 296	P	Pn
PKM	Parkersburg	5.59 296	P	Pn
PKM	O56A	5.63 89	P	Pn
PKM	Blue Knob Stat	5.63 89	P	Pn
PKM	SCIA	5.70 287	ePn	Pn
PKM	State Center	5.70 287	ePn	Pn
PKM	O38A	5.78 269	P	Pn
PKM	Galt	5.78 269	P	Pn
PKM	S40A	5.84 243	P	Pn
PKM	Lebanon	5.84 243	P	Pn
PKM	P38A	5.89 265	P	Pn
PKM	Dawn	5.89 265	P	Pn
PKM	R39A	5.90 251	P	Pn
PKM	Chumby, Stover	5.90 251	P	Pn
PKM	I38A	5.97 309	P	Pn
PKM	Scanlan Farm,	5.97 309	P	Pn
PKM	T40A	6.09 240	P	Pn
PKM	Mansfield	6.09 240	P	Pn
PKM	HBAR	6.12 219	ePn	Pn
PKM	Harrisburg	6.12 219	ePn	Pn
PKM	SSPA	6.13 85	ePn	Pn
PKM	Standing Stone	6.13 85	ePn	Pn
PKM	L37A	6.14 289	P	Pn
PKM	Phoenix Point,	6.14 289	P	Pn
PKM	COWI	6.14 339	ePn	Pn
PKM	Conover	6.14 339	ePn	Pn
PKM	MET	6.17 212	ePn	Pn
PKM	Memphis-Engin	6.17 212	ePn	Pn
PKM	M37A	6.24 282	P	Pn
PKM	Trindle Farm,	6.24 282	P	Pn
PKM	K37A	6.24 295	P	Pn
PKM	Belmond	6.24 295	P	Pn
PKM	O37A	6.29 270	P	Pn
PKM	Wolven Farm, M	6.29 270	P	Pn
PKM	N37A	6.31 276	P	Pn
PKM	Lee Faris, Mou	6.31 276	P	Pn
PKM	S39A	6.37 247	P	Pn
PKM	Bolivar	6.37 247	P	Pn
PKM	KM5C	6.40 144	ePn	Pn
PKM	Kings Mountain	6.40 144	ePn	Pn
PKM	MMNY	6.44 66	ePn	Pn
PKM	Mt. Morris Dam	6.44 66	ePn	Pn
PKM	OXF	6.51 206	ePn	Pn
PKM	Oxford	6.51 206	ePn	Pn
PKM	P37A	6.52 265	P	Pn
PKM	Lathrop	6.52 265	P	Pn
PKM	R38A	6.58 253	P	Pn
PKM	Fenwick Farm,	6.58 253	P	Pn
PKM	SADO	6.63 47	Pn	Pn
PKM	Sadowa	6.63 47	Pn	Pn
PKM	SADO	2.5nm,0.3s,baz=259,slow=13,SNR=51	Pg	Pb
PKM	SADO	7.8nm,0.3s,baz=263,slow=16,SNR=11	Sn	Sn
PKM	SADO	10nm,0.3s,baz=270,slow=15,SNR=4.2	Lg	Lg
PKM	Q37A	26nm,0.3s,baz=282,slow=3.7,SNR=7.4	Pg	Pn
PKM	Longview Farm,	6.75 260	P	Pn
PKM	L36A	6.79 287	P	Pn
PKM	Harm Buss Farm	6.79 287	P	Pn
PKM	M36A	6.80 282	P	Pn
PKM	Felix, Anita	6.80 282	P	Pn
PKM	S38A	6.81 248	P	Pn
PKM	Stockton	6.81 248	P	Pn
PKM	JSRW	6.83 111	ePn	Pn
PKM	J. Sargeant Re	6.83 111	ePn	Pn
PKM	N36A	6.88 276	P	Pn
PKM	Muff Farm, Cla	6.88 276	P	Pn
PKM	O36A	6.92 271	P	Pn
PKM	Bolckow	6.92 271	P	Pn
PKM	J66A	6.92 298	P	Pn
PKM	Seneca 1, Swea	6.92 298	P	Pn
PKM	SPMN	6.97 316	P	Pn
PKM	St. Paul	6.97 316	P	Pn
PKM	SPMN	6.97 316	ePn	Pn
PKM	St. Paul	6.97 316	ePn	Pn
PKM	CBN	6.99 106	ePn	Pn
PKM	Corbin	6.99 106	ePn	Pn
PKM	SDMD	7.06 95	ePn	Pn
PKM	Soldier's Deli	7.06 95	ePn	Pn
PKM	J36A	7.17 267	P	Pn
PKM	Good Intent, A	7.17 267	P	Pn
PKM	P3C	7.17 147	ePn	Pn
PKM	Jenkinsville	7.17 147	ePn	Pn
PKM	R37A	7.21 256	P	Pn
PKM	Teagarden Farm	7.21 256	P	Pn
PKM	GOGA	7.27 163	ePn	Pn
PKM	Godfrey	7.27 163	ePn	Pn
PKM	MVL	7.34 90	ePn	Pn
PKM	Millersville	7.34 90	ePn	Pn
PKM	N35A	7.40 277	P	Pn
PKM	Tabor	7.40 277	P	Pn
PKM	S37A	7.41 252	P	Pn
PKM	Fort Scott	7.41 252	P	Pn
PKM	L35A	7.44 286	P	Pn
PKM	Blow Farm, R	7.44 286	P	Pn
PKM	Q36A	7.49 262	P	Pn
PKM	Arnold C. Orve	7.49 262	P	Pn
PKM	UALR	7.59 224	ePn	Pn
PKM	University of	7.59 224	ePn	Pn
PKM	O35A	7.62 272	P	Pn
PKM	Humboldt	7.62 272	P	Pn
PKM	R36A	7.71 257	P	Pn
PKM	Gordon, Harris	7.71 257	P	Pn
PKM	U38A	7.73 242	P	Pn
PKM	Gravette	7.73 242	P	Pn
PKM	N59A	7.74 83	P	Pn
PKM	State Game Lan	7.74 83	P	Pn
PKM	T37A	7.75 248	P	Pn
PKM	Cheneyville 18	7.75 248	P	Pn
PKM	KSPA	7.77 78	ePn	Pn
PKM	Keystone Colle	7.77 78	ePn	Pn
PKM	Q35A	7.95 262	P	Pn
PKM	Mercer Eighty,	7.95 262	P	Pn
PKM	S36A	7.98 253	P	Pn
PKM	Lake Cedric, C	7.98 253	P	Pn
PKM	PLVO	7.99 52	ePn	Pn
PKM	Plevna	7.99 52	ePn	Pn
PKM	C39A	7.99 339	P	Pn
PKM	Grand Marais	7.99 339	P	Pn
PKM	J34A	8.01 294	P	Pn
PKM	George	8.01 294	P	Pn
PKM	L34A	8.03 284	P	Pn
PKM	Svendsen Farm,	8.03 284	P	Pn
PKM	N34A	8.05 276	P	Pn
PKM	Lincoln	8.05 276	P	Pn
PKM	V38A	8.08 238	P	Pn
PKM	Canehill	8.08 238	P	Pn
PKM	E36A	8.09 321	P	Pn
PKM	McGregor	8.09 321	P	Pn
PKM	M34A	8.13 281	P	Pn
PKM	Aspy Farms, Fr	8.13 281	P	Pn
PKM	D37A	8.21 327	P	Pn
PKM	Cotton	8.21 327	P	Pn
PKM	O34A	8.23 272	P	Pn
PKM	Beatrice	8.23 272	P	Pn
PKM	C38A	8.24 334	P	Pn
PKM	Sawbill Land,	8.24 334	P	Pn
PKM	U37A	8.25 244	P	Pn
PKM	Salina	8.25 244	P	Pn
PKM	F35A	8.33 314	P	Pn
PKM	Swanville	8.33 314	P	Pn
PKM	KSU1	8.33 264	P	Pn
PKM	Kansas State U	8.33 264	P	Pn
PKM	P34A	8.41 268	P	Pn
PKM	Walnut Farm, R	8.41 268	P	Pn
PKM	MIAR	8.44 228	P	Pn
PKM	Mount Ida	8.44 228	P	Pn
PKM	MIAR	8.44 228	ePn	Pn
PKM	Mount Ida	8.44 228	ePn	Pn
PKM	T36A	8.47 250	P	Pn
PKM	Boggs Farm, Ca	8.47 250	P	Pn
PKM	EYMN	8.52 334	P	Pn
PKM	Ely	8.52 334	P	Pn
PKM	EYMN	8.52 334	ePn	Pn
PKM	Ely	8.52 334	ePn	Pn
PKM	S35A	8.53 255	P	Pn
PKM	Otter Creek Ra	8.53 255	P	Pn
PKM	V37A	8.55 241	P	Pn
PKM	Hulbert	8.55 241	P	Pn
PKM	C37A	8.58 330	P	Pn
PKM	Embarrass	8.58 330	P	Pn
PKM	M33A	8.60 281	P	Pn
PKM	Taylor Creek F	8.60 281	P	Pn

2010 DEC

ECSD	EROS Data Cent	8.61 296	P	Pn	12 57 26.9 +0.6
ECSD	EROS Data Cent	8.61 296	ePn	Pn	12 57 26.7 +0.4
ECSD	EROS Data Cent	8.61 296	eSn	Pn	12 59 02.9 +0.8
ODNJ	Ogdensburg	8.62 82	ePn	Pn	12 57 26.1 +0.4
Q34A	Chapman	8.62 284	P	Pn	12 57 27.1 +0.5
W38A	Poteau	8.65 235	P	Pn	12 57 27.9 +1.1
U36A	Oologah	8.68 246	P	Pn	12 57 28.0 +0.7
L33A	Hoskins	8.72 285	P	Pn	12 57 28.5 +0.7
J33A	Davis	8.73 293	P	Pn	12 57 28.7 +0.7
N33A	J Bar K, Exete	8.77 276	P	Pn	12 57 29.4 +0.9
I33A	Coleman	8.84 298	P	Pn	12 57 30.0 +0.6
C36A	Pine Crest Far	8.86 328	P	Pn	12 57 30.7 +1.0
O33A	Hebron	8.92 272	P	Pn	12 57 32.2 +1.6
TUL1	Tulsa	8.98 243	P	Pn	12 57 31.9 +0.6
TUL1	Tulsa	8.98 243	ePn	Pn	12 57 31.9 +1.5
T35A	Sooner Cattle	8.98 250	P	Pn	12 57 32.8 +0.4
R34A	Isabella, Hill	9.02 260	P	Pn	12 57 32.3 +0.3
H33A	Prehn Over Nor	9.04 302	P	Pn	12 57 33.1 +0.9
G33A	Ortonville	9.08 305	P	Pn	12 57 33.3 +0.6
S34A	Willow Spring	9.11 256	P	Pn	12 57 34.5 +1.3
V36A	Jenks	9.15 243	P	Pn	12 57 34.5 +0.8
TIGA	Tifton	9.16 167	ePn	Pn	12 57 34.5 +0.6
I32A	Karley and Nic	9.28 297	P	Pn	12 57 35.8 +0.3
Q33A	Connelly Farm,	9.28 265	P	Pn	12 57 36.5 +0.9
C35A	Jirik Farms, M	9.30 324	P	Pn	12 57 36.9 +1.2
K32A	Verdigr	9.30 288	P	Pn	12 57 36.9 +1.1
BGNE	Belgrade	9.31 280	P	Pn	12 57 36.2 +0.3
BGNE	Belgrade	9.31 280	ePn	Pn	12 57 36.5 +0.7
J22A	Parkston	9.36 292	P	Pn	12 57 37.3 +0.6
LONJ	Lake Ozonia	9.37 60	ePn	Pn	12 57 37.0 +0.3
U35A	Pawnee	9.39 248	P	Pn	12 57 37.4 +0.3
N32A	Stulken Farm,	9.41 276	P	Pn	12 57 37.8 +0.4
T34A	McClaskey Farm	9.43 253	P	Pn	12 57 38.5 +0.9
H32A	Carlson Farm,	9.43 299	P	Pn	12 57 37.4 -0.2
O32A	Brockman Farm,	9.43 273	P	Pn	12 57 38.2 +0.6
X37A	Clayton	9.49 235	P	Pn	12 57 39.8 +1.3
R33A	Olander Ranch,	9.57 261	P	Pn	12 57 40.3 +0.8
ACCN	Adirondack Com	9.61 68	ePn	Pn	12 57 41.4 +1.4
W36A	Wetumka	9.60 240	P	Pn	12 57 41.8 +0.4

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MNTX Cornudas Mount, TXAR Lajitas Array, TXAR Lajitas Ar. Si, etc.

NIED 30 12:56:00, 27.00N, 143.80E, h11km, Mw4.2 Best double
comp: Mo 1.91000, 0.1019 NP1.33, 0.0000, 0.34, 0.0000,
1.59, 0.0000, NP2.99, 177.0000, 862.0000,
1-110.0000

IDC 30 12:56:40.1, 0.5, 26.76N, 143.91E, h0km, mb4.2/28,
mb1 4.4/32, mb1mx4.3/55, mbtm4.3/32, ML4.2, M3.1/2,
Ms 1.3/1.2, ms1mx2.7/39, Error ellipse: s-maj=14.5km
s-min=12.8km az=58.0

NEIC 30 12:56:41.7, 0.3, 26.78N, 143.90E, h10km, mb4.6/5,
MW4.1(NIED), Error ellipse: s-maj=8.5km s-min=7.2km
az=55.0

MOS 30 12:56:41.3, 1.2, 26.75N, 143.79E, h21km, mb4.5/34, Error
ellipse: s-maj=13.8km s-min=6.5km az=118.5

JMA 30 12:56:43.7, 0.1, 27.01N, 143.84E, h7km, Mw4.6
ISC 30 12:56:45.7, 0.5, 26.92N, 143.79E, h35km, n111,
r=143/122, mb4.3/42, 3C-2D, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, JHJH Haha-jima-NKT, MAJO Matushiro, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PLCA comp=2.1, 0nm, 0.5s, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ASAR Alice Springs, YKA Yellowknife Arr, FINES FINESS Array B.

ISC/JB 30 14:03:26.0-0.7, 27.32N-143.4E:0.1, h10km, mb3.8/9, Error ellipse: s-maj=14.2km s-min=11.8km az=138.3

IDC 30 14:03:26.9-0.9, 27.29N-143.32E, h0km, mb3.8/9, mb1 4.0/12, mb1mx3.8/46, mb1mx3.8/12, ML3.3/3, Error ellipse: s-maj=30.3km s-min=19.2km az=76.0

ISC 30 14:03:28.5-1.0, 27.30N-143.3E:0.1, h10km, n14, c086/14, mb3.8/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CJC Chichijima, MJAR Matsushiro Arr, KSRS Kora Array, USRK Ussuriysk Arr, SONM Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, LPAZ La Paz.

NIED 30 14:09:00, 27.40N-143.20E, h5km, Mw3.9 Best double couple: Mb:890000.1014 NP1:180.00000, 345.00000, 1.32.00000, NP2:294.00000, 368.00000, 1.131.00000

IDC 30 14:09:25.0-0.6, 27.29N-143.27E, h0km, mb1.1/8, mb1 4.3/21, mb1mx4.2/46, mb1mx4.1/21, ML3.7/3, MS3.0/1, Ms1 3.0/1, ms1mx2.4/42, Error ellipse: s-maj=16.2km s-min=13.4km az=103.0

NEIC 30 14:09:26.9-0.3, 27.30N-143.24E, h10km, mb4.7/6, MW3.9(NIED), Error ellipse: s-maj=9.1km s-min=6.5km az=84.0

ISC/JB 30 14:09:28.5-0.6, 27.59N-143.19E:0.06, h27km, mb4.2/23, Error ellipse: s-maj=8.7km s-min=4.1km az=24.4

JMA 30 14:09:28.8, 27.44N-143.21E, h78km, 4km, M4.2

ISC 30 14:09:29.0-0.6, 27.47N-143.20E:0.08, h27km, n53, c126/64, mb4.3/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBJ Chichi jima, BSO Bosso, JODJ Odawara 2, JHU Hanno, JHU Ryogami san, JRY JRY, JHO Hitachi, JHO Ashikaga, JAG Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, KSRS Kora Array, KSRS Kora Array, KSAR Wonju Array, USRK Ussuriysk Arr, SSSL Suanglung, SONM Songoing Array, CHTO Chiang Mai, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ODAN Odare, ZALV Zalesovo Beam, RAMN Ramite, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, MKAR Makanchi Array, MKAR Matsushiro Arr, DMN Daman, ASAR Alice Springs, KOLN Koldanda, ILAR Eielson Array, STKA Stephens Creek, KKAR Karatay Array, INK Inuvik, ABKAR Abkabal array, GEYT Ailbeck, YKA Yellowknife Arr, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBZ Khabaz, AKASO Malin Array Be, NBKS NORSAR Subarra, NOA NORSAR Array B, RAYN Ar Rayn, BRTR Keskin Arr B, GERES GERES Array B, TORO Torodi Arr, PLCA Paso Flores.

MEX 30 14:15:27.9-0.6, 14.44N-91.93W, h134km, 38km, MD3.9, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG PCIG, DZM Mont Dzumac, DZM DZM, CTA Charters Town, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, SONM Songoing Array, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, VNA1 Mina Array Bea, ILAR Eielson Array, YKA Yellowknife Arr.

IDC 30 14:16:16.9-1.3, 19.47S-167.99E, h0km, mb4.0/7, mb1 2.2/8, mb1mx4.0/33, mbtmp4.0/8, ML3.9/1, MS2.6/1, Ms1 2.2/1, ms1mx2.4/38, Error ellipse: s-maj=45.7km s-min=20.0km az=137.0

ISC 30 14:16:19.8-1.3, 19.95S-168.2E:0.3, h27km, n13, c152/120, mb3.9/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM DZM, CTA Charters Town, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, SONM Songoing Array, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, VNA1 Mina Array Bea, ILAR Eielson Array, YKA Yellowknife Arr.

ISC/JB 30 14:19:13.4-0.8, 41.36N-104.35:86E:0.05, h8km, 5km, Error ellipse: s-maj=8.4km s-min=4.9km az=37.2

ISK 30 14:19:13.3, 41.32N-104.35:86E, h8km, MD2.6

DDA 30 14:19:13.0, 41.32N-104.35:86E, h7km, MD2.7

CSEM 30 14:19:13.0, 41.32N-104.35:86E, h6km, 1km, MD2.7, Error ellipse: s-maj=5.5km s-min=2.9km az=33.0

ISC 30 14:19:13.7-1.2, 41.35N-104.35:81E:0.03, h6km, 10km, n16, c064/28, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HAVZ Havza, HAVZ Havza, HAVZ Havza, KVT Kavak, KVT Kavak, KVT Kavak, DIKM Dikmen, DIKM Dikmen, DIKM Dikmen, BOYT Boyabat, BOYT Boyabat, ERBA Erbaa, ERBA Erbaa, ERBA Erbaa, COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum, COAL Corum, COAL Corum, COAL Corum, ESPY Espiye-Giresun, ESPY Espiye-Giresun.

DJA 30 14:22:36.3, 0.5, 4, N5.5, 12.8E, h10km, M4.9/17

AUST 30 14:22:39.0, 0.0, 3.95N, 128.06E, h96km, Error ellipse: s-maj=1.2km s-min=1.0km az=346.0

ISC/JB 30 14:22:38.1-0.2, 3.83N-128.06E:0.04, h100km, mb4.3/27, Error ellipse: s-maj=6.4km s-min=3.4km az=163.6

IDC 30 14:22:40.5-1.6, 3.79N-128.08E, h108km, 14km, mb4.1/21, mb1 4.2/22, mb1mx1.4/20, mbtmp4.5/22, MS2.9/1, Ms1 2.9/1, ms1mx2.5/43, Error ellipse: s-maj=19.1km s-min=8.6km az=80.0

NEIC 30 14:22:40.9-0.8, 3.77N-127.97E, h117km, 8km, mb4.5/9, Error ellipse: s-maj=12.4km s-min=6.0km az=77.0

ISC 30 14:22:39.7-0.4, 3.84N-128.02E:0.07, h100km, n89, c152/95, mb4.4/27, C. North of Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, TNTI Ternate, TNTI Ternate, TNTI Ternate, MATI Mati, MATI Mati, DAV Davao City (W), DAV Davao City (W), LBMI Labuha, BIPH Bislig, BIPH Bislig, BUKP Musuan, CTBH Cotabato-PC H, BUTP Butuan, SWI Sorong, SWI Sorong, GTOI Gorontalo, SANI Sanana, SANI Sanana, SANI Marisa, NRSI Namlea, NRSI Namlea.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, MSAI Masohi, PALU Palau, APSI Ampana, FAKI Fak Fak, FAKI Fak Fak, KKM Kota Kinabalu, SOEI Soei, SOEI Soei, MTN Mantion Dam, KDU Kakadu, JAGI Jagaj, Banyuw, KNRA Kunurra, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, QIS Mount Isa, ASAR Alice Springs, ASAR Alice Springs, WRKA Warakuna, JUNU Nakatusu, CMAR Chiang Mai Arr, KSAR Wonju Array Be, KSRS Kora Array, MJAR Matsushiro Arr, QLP Qulpi, KMBL Kambalada, BLDU Beldu, KLBR Kellerberrin, BBOO Booda, STKA Stephens Creek, NWAO Narogin (SRO), KRKY Rocky Gulf, USRK Ussuriysk Arr, ARMA Armadale, ASAJ Asahikawa, ARPS Mount Rapides, LSA Lhasa, TOO Toolooloolo, TAPN Tapejlung, ODAN Odare, RAMN Ramite, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, SONM Songoing Array, SONM Songoing Array, KOLN Koldanda, PETK Petropavlovsk, MKAR Makanchi Array, MKAR Makanchi Array, KZAR Kyzart, TKM2 Tokmak 2, UCH Uchoy, ZALV Zalesovo Beam, AAK Ala-Archa, USP Ospanovka, AML Almayush, EKSE Erkin-Say, EKSE Erkin-Say, KKAR Karatay Array, GEYT Ailbeck, ABKAR Abkabal array, VANDA Vanda, ILAR Eielson Array, ARCES ARCES Array B, FINES FINESS Array B, YKA Yellowknife Arr, TORO Torodi Arr, DBIC Dimboko, JMA 30 14:31:08.6-0.2, 43.96N-148:00E, h0km, M3.9, SKHL 30 14:31:09.5-0.4, 44.34N-148:22E, h35km, 4km, mb4.6/4, ISC 30 14:31:06.8-3.9, 44.28N-148:00E:0.2, h26km, 29km, n12, c049/21, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk.

1837

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like OBNinsk, LPAZ, and various regional stations.

2010 DEC

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BARDONECCHIA, SAINT SAUVEUR, and various regional stations.

30d 14h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SANTA BEIJING, HAILAR, and various regional stations.

30d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, DMN Dama, MAZ Makanchi, ASAR Alice Springs, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Main Array Be, KIEV Kiev, PDAR Pinedale Array, NOB NORSAR Subarra, etc.

1838

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CZM Charters Tower, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, Port Moresby, Charters Tower, etc.

IDC 30 17:05:29.5:6.1103Sx165.79E,h0km,mb3.8/4, mb1 4.0/5,mb1mx3.7/42,mbtmp4.0/5,ML4.6/1, Error ellipse: s-maj=79.8km s-min=46.4km az=123.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Honiara, Charters Tower, Warramunga Arr, etc.

ISCJ 30 17:07:38.5:0.9,9.54N:0.06:126.11E:0.09,h2km,9km, mb3.9/8, Error ellipse: s-maj=15.5km s-min=7.0km az=152.7

MAN 30 17:07:38.9:55N:126.01E,h14km,mb4.7,ML3.6,MS3.7 MAN INTENSITY III - SICCORRO SURIGAO DEL SUR - INTENSITY I - SURIGAO CITY.

IDC 30 17:07:45.5:2.3,9.46N:125.79E,h116km,23km,mb3.6/8, mb1 3.8/9,mb1mx3.4/44,mbtmp4.0/9, Error ellipse: s-maj=45.7km s-min=16.3km az=74.0

ISC 30 17:07:39.0:1.3,9.54N:0.06:126.08E:0.09,h50km,13km, n23, r193/27, mb3.9/8, 4C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCPH, Butuan, Maasin, Bislig, Gagayan de Oro, etc.

ISK 30 17:10:05.7:34.94N:31.82E,h35km,ML3.4 CSEM 30 17:10:06.0:2.34:97N:31.84E,h24km,2km,ML3.3, Error ellipse: s-maj=2.6km s-min=1.9km az=76.0

NIC 30 17:10:06.0:35:12N:31.77E,h21km,ML3.3 ISCJ 30 17:10:06.0:0.3,9.32N:126.02:126.11E:0.03,h15km,9km, Error ellipse: s-maj=4.9km s-min=3.0km az=148.9

GII 30 17:10:08.9:0.2:34.78N:32.12E,h10km,MD2.5/5 HLW 30 17:10:08.5:34.95N:31.82E,h23km,56km,MD3.6,MI3.5 DDA 30 17:10:09.8:35:40N:31.86E,h27km,MD3.3

ISC 30 17:10:07.4:1.1,34.98N:0.03:31.86E:0.04,h32km,9km, n127, r091/151, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKMC, AKMCS, PCPY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKDN, MAMC, MAMC, CSS, etc.

ISCJ 30 17:13:04.0:2.3,3.60N:128.56E,h0km,mb3.4/3, mb1 3.6/3,mb1mx3.3/42,mbtmp3.5/3, Error ellipse: s-maj=162.3km s-min=25.0km az=68.0, North of Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKDN, MAMC, CSS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, etc.

ATH 30 17:23:12.9:39:14N:24.16E,h27km,MD3.1/29,ML2.8 ISCJ 30 17:23:13.2:0.6,39:15N:14:02:24.16E:0.03,h15km,4km, Error ellipse: s-maj=3.5km s-min=2.8km az=30.5

THE 30 17:23:13.6:39:15N:24.14E,h12km,ML2.7/8, Error ellipse: s-maj=1.0km s-min=0.4km az=283.0 CSEM 30 17:23:13.3:0.1,39:15N:24.15E,h15km,ML2.7, Error ellipse: s-maj=3.6km s-min=2.8km az=117.0

ISC 30 17:23:13.3:0.9,39:14N:0.02:24.16E:0.02,h14km,7km, n108, r047/154, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AOS, AOS, AOS, etc.

30d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOD2, JYT, JHU, etc.

ADC 30 18:21:11.4, 0.27, 19Nk, 143.43E, h0km, mb4.0/16, mb1.4/19, mb1mx4.1/39, mbmp4.0/19, ML3.6/3, MS3.6/1, Ms1.3/6.1, ms1mx2.5/43, Error ellipse: s-maj=19.8km s-min=15.4km az=92.0

NEIC 30 18:21:12.9, 0.5, 27.24N, 143.47E, h10km, mb4.6/5, Error ellipse: s-maj=12.5km s-min=9.0km az=85.0

JMA 30 18:21:14.8, 0.1, 17.36N, 143.36E, h68km, M4.3

ISC 30 18:21:17.2, 0.7, 27.36N, 0.06, 143.29E, h35km, n49, e117/57, mb4.0/20, Bonin Islands region

Main station list table for 30d 18h, including stations like CBJJ, CBIJ, CJJ, etc.

JMA 30 18:32:01.3, 0.2, 28.50N, 140.39E, h392km, km, M3.6

ADC 30 18:32:01.2, 0.6, 28.36N, 139.90E, h370km, km, mb3.3/19, mb1.3/4.22, mb1mx3.3/53, mbmp4.1/22, Error ellipse: s-maj=16.7km s-min=8.8km az=79.0

ISC 30 18:32:02.1, 0.6, 28.57N, 0.08, 140.8E, h2400km, n32, e127/33, mb3.5/19, Bonin Islands region

Continuation of station list table for 30d 18h, including stations like CBJJ, CBIJ, CJJ, etc.

2010 DEC

Table with columns: USRK, USRK, USRK, etc. Station names and codes, including Ussuriysk Ar., Sogino Array, etc.

ADC 30 18:35:35.2, 6.5, 26.82N, 143.06E, h0km, mb3.6/3, mb1.3/7.4, mb1mx3.3/52, mbmp3.5/4, ML3.3/1, Error ellipse: s-maj=248.5km s-min=28.9km az=75.0, Bonin Islands region

ADC 30 18:38:39.0, 2.4, 36.30N, 70.83E, h174km, 22km, mb3.3/11, mb3.3/3.17, mb1mx3.1/47, mbmp2.7/17, Error ellipse: s-maj=19.3km s-min=13.8km az=20.0

ISCJB 30 18:39:3.0, 4.3, 36.46N, 0.04, 70.86E, 0.06, h188km, mb3.5/10, Error ellipse: s-maj=7.0km s-min=4.7km az=142.8

NINC 30 18:38:44.9, 3.6, 37.10N, 71.04E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=34.7km s-min=27.3km az=87.0

ISC 30 18:38:40.2, 0.6, 36.50N, 0.06, 70.93E, 0.06, h188km, n40, e175/47, mb3.4/10, 3C-32, Hindu Kush region

Main station list table for 2010 DEC, including stations like MJAR, WRA, MKAR, etc.

1844

Table with columns: TORD, INK, YKA, WRA, ASAR. Station names and codes, including Torodi Ar., Inuvik, etc.

ADC 30 18:41:56.1, 1.18, 19.49S, 167.87E, h0km, mb3.8/6, mb1.4/17, mb1mx3.9/34, mbmp3.9/7, ML3.9/1, MS3.6/2, Ms1.3/6.2, ms1mx3.0/31, Error ellipse: s-maj=50.1km s-min=23.8km az=127.0

NEIC 30 18:41:57.9, 1.10, 19.50S, 167.95E, h10km, mb4.1/3, Error ellipse: s-maj=24.0km s-min=14.3km az=128.0

ISCJB 30 18:41:59.2, 1.4, 19.45S, 0.09, 167.7E, 0.2, h26km, mb3.9/7, ML3.6/2, Error ellipse: s-maj=30.7km s-min=11.2km az=14.2

ISC 30 18:42:00.0, 1.5, 19.55S, 0.1, 167.9E, h326km, n11, e056/11, mb3.9/7, Vanuatu Islands region

Main station list table for 1844, including stations like DZM, CTA, CTAO, etc.

BKK 30 18:50:16.2, 2.1, 21.1N, 17.10E, 1.1, h10km, M5.0/10, mb4.8/7, mb5.0/5, MLv5.5/10, Mw(mb)4.4/5

PLV 30 18:50:16.7, 1.7, 20.80N, 103.34E, h0km, 5km, MD3.8, ML4.7

ADC 30 18:50:17.1, 0.6, 20.83N, 103.43E, h0km, mb4.4/27, mb1.4/28, mb1mx4.3/43, mbmp4.3/28, ML4.2/1, MS4.0/17, Ms1.3/9.17, ms1mx3.7/39, Error ellipse: s-maj=13.9km s-min=12.4km az=52.0

BJJ 30 18:50:18.2, 0.2, 19.95N, 103.51E, h9km, mb4.4/34, mb4.7/28, ML5.1/9, Ms4.9/42, Ms7.4/54

GCMT 30 18:50:19.1, 0.3, 20.85N, 103.53E, h22km, 1km, MW4.8/71, Moment Tensor Solution. s13.c14; s71.c105; Duration: 0 Moment tensor: Scale 1016Nm; Mr:0.66; 14; Mw:1.41; 08; Mw:2.06; 11; Mw:0.01; 15; Mw:0.72; 07; Mw:0.77; 16; Best double couple: M1.98900x1016 NP1: 0.213, 0.00000, 0.88, 0.00000, 1.170, 0.00000; NP2: 0.123, 0.00000, 0.72, 0.00000, 1.178, 0.00000; Principal axes: T: 2.3910, P: 14.7400, N: 1.5860, Azm: 79.0000; N: -0.8110, Azm: 129.0000; Azm: 218.0000; P: -1.5360, P: 11.0000; Az: 346.0000; surface waves to body waves, cutoff=40s. nsta2 refers to nsta1 values, cutoff=50s.

NEIC 30 18:50:19.1, 0.2, 20.87N, 103.42E, h10km, mb4.6/28, MW4.7, Error ellipse: s-maj=5.4km s-min=4.8km az=56.0, Moment Tensor Solution. s11 Moment tensor: Scale 1016Nm; Mr:0.41; Mw:1.28; Mw:0.87; Mw:0.20; Mw:0.68; Mw:0.37; Best double couple: M1.40000x1016 NP1: 0.11, 0.00000, 0.88, 0.00000, 1.170, 0.00000; NP2: 0.123, 0.00000, 0.72, 0.00000, 1.178, 0.00000; Principal axes: T: 2.3910, P: 14.7400, N: 1.5860, Azm: 79.0000; N: -0.8110, Azm: 129.0000; Azm: 218.0000; P: -1.5360, P: 11.0000; Az: 346.0000; surface waves to body waves, cutoff=40s. nsta2 refers to nsta1 values, cutoff=50s.

ISCJB 30 18:50:20.3, 0.2, 20.75N, 102.103, 47E, h33km, mb4.6/60, MS4.1/22, Error ellipse: s-maj=3.0km s-min=2.8km az=173.8

MOS 30 18:50:20.3, 1.4, 20.79N, 103.34E, h33km, mb4.9/25, Error ellipse: s-maj=8.9km s-min=5.1km az=119.2

ISC 30 18:50:18.5, 0.7, 20.81N, 0.02, 103.47E, 0.02, h5km, 4km, n220, e164/258, mb4.6/60, MS4.0/22, 19C-8D, Laos

Main station list table for 1844, including stations like SLVN, DBV, TG, etc.

30d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDVR Moldovita, PKSM Moragy, PKSM Moragy, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUC 30 18:58:06.9, G5, Chile-Argentina border region, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ELZG Elazig, SVRC Sivrice-ELAZID, MALT Malatya, etc.

MOS 30 19:21:20.9, 0.5, 56.93N, 156.53W, h32km, mb4.6/38, Error ellipse: s-maj=13.9km s-min=5.9km az=90.2, BUJ 30 19:21:22.0, 56.80N, 156.30W, h63km, mb4.7/31, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Peninsula, PLK4 Peulik 4, PLK3 Peulik 3, etc.

1846

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

30d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UZH Uzhgorod, HNR Honiara, CONA Conrad Observa, etc.

ISC/JB 19:22:20.2, 1.5, 5.3S, 0.1, 146.2E, 0.2, h10km, n9, ... Error ellipse: s-maj=20.1km s-min=12.3km az=154.0

2010 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, COEN Coen, KDU Kudu, etc.

ISC 19:31:06.7, 2.6, 9.6S, 112.69E, h0km, mb3.3/4, ... Error ellipse: s-maj=117.8km s-min=21.3km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PWJJI Pagerwojo, JAGI Jagaj, etc.

ISC/JB 19:34:14.8, 0.8, 2.7, 17N, 0.0, 143.83E, 0.06, h10km, ... Error ellipse: s-maj=10.8km s-min=6.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, WRA Warramunga Arr, etc.

1848

19:34:28.0, 2.0, 5.3S, 103.51E, h0km, mb4.5/20, ... Error ellipse: s-maj=22.3km s-min=12.2km az=56.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LWLI Liwa, KASI Kota Agung, MDSI Maura Dua, etc.

1849

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like COEN Coen, MTSU Mount Surprise, CLAQ Charlton's Tower, etc.

BJJ 30 19:56:30.5, 20:53N, 154:74E, h193km, mb5.2/69, mB4.9/41
KRSC 30 19:56:32.6, 2.2, 49:79N, 154:76E, h222km, 26km, ML5.2
MOS 30 19:56:35.1, 1.0, 50:35N, 153:94E, h193km, mb5.1/82, Error ellipse: s-maj=6.0km s-min=3.7km az=81.5

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, PAU Pautetka, etc.

2010 DEC

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PET comp=Z,1.0m,8.0s, KOK Koryaka, UGLR Uglvorga, etc.

30d 19h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KSSKC Sokcho, KSSKC Sokcho, KSJMJ Jumunjin, etc.

30d 19h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TLY Talaya, SPU Mount Spurr, KDKA Kodiak Island, etc.

2010 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CD2 Santa, GYA Guiyang, WMQ Urumqi, etc.

1850

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, DAG Danmarks Havn, KHON Khomkaen, etc.

Table with columns for name, address, phone, email, and other details. Includes entries like GPK Gorka Klasztor, G32A Beatrice, GNI Gani, etc.

Table with columns for name, address, phone, email, and other details. Includes entries like PVCC Panska Ves, PALK Pallekele, PALK Pallekele, etc.

Table with columns for name, address, phone, email, and other details. Includes entries like 232A Coleman, 331A San Angelo, WET Weitzel, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KCTX, BOJS, JAVS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CPUP, PLCA, IDC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like JMJ, JOGS, IKEM, etc.

1855

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like Z31A Sharp Cattle R, Z30A Sanderson Ranch, etc.

2010 DEC

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like T32A Huddler Ranch, T37A Cheneyville 18, etc.

30d 20h

Table with columns: ID, Name, Address, Phone, Email, Website, etc. Includes entries like ISCO baz=177 Idaho Springs, ISCO comp=Z,40nm,1.7s Idaho Springs, etc.

0.3mm, 0.6s, baz=231, slow=7.5, SNR=6.2

0.1mm, 0.4s, baz=154, slow=9.0, SNR=4.3
ARCES ARCES Array B 61.94 18 P P 21 18 19.9 +0.4
4.0mm, 0.8s, baz=316, slow=6.3, SNR=2.6

WEL 30 21:10.45.1.0.4, 36:32S-177:14E, h249km, 4km, ML3.5/6,
1C-4D, Error ellipse: s-maj=6.4km s-min=5.0km az=90.0,
Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Te Kaha, Matakaoa Point, Waionatini S, etc.

ISCJB 30 21:17.54.21.4.2, 47:4N, 01:143:4E, 0.1, h10km, mb3.6/4,
Error ellipse: s-maj=21.6km s-min=13.9km az=141.4
IDC 30 21:17.55.1.1.6, 27:23N:143:35E, h0km, mb3.6/4,
mb1 3.8/5, mb1mx3.4/44, mbtmp3.6/5, ML3.4/1, Error
ellipse: s-maj=28.9km s-min=24.8km az=83.0

ISC 30 21:17.56.5.1.6, 27:33N:01:143:4E, 0.1, h10km, n6,
e1127/161, mb4.9/36, MS4.2/14, 6C-6D, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matushiro Arr, Sogino Array, etc.

ISCJB 30 21:19.26.5.0.6, 50:13N:01:04:18:34E, 0.03, h0km, Error
ellipse: s-maj=5.3km s-min=3.1km az=2-3
CSEM 30 21:19.27.6.0.3, 50:10N:18:38E, h1km, ML2.6/8, Error
ellipse: s-maj=6.4km s-min=3.3km az=179.0

PRU 30 21:19.28.7.50.08N:18:37E, h0km
IPEC 30 21:19.28.0.2.0, 50:06N:18:45E, h0km, ML1.5/4, Error
ellipse: s-maj=2.0km s-min=1.1km az=160.0

ISC 30 21:19.27.9.0.9, 50:10N:01:04:18:39E, 0.02, h0km, n23,
e1103/39, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Raciborz, Ostrava-Krasne, Ostrava-Krasne, etc.

IDC 30 21:22.27.2.0.7, 19:93S:168:35E, h0km, mb4.5/16,
mb1 4.7/18, mb1mx4.6/32, mbtmp4.5/18, ML3.9/2, MS4.2/18,
Ms1 4.2/18, ms1mx4.1/27, Error ellipse: s-maj=19.5km
s-min=15.8km az=116.0

ISCJB 30 21:22.29.4.0.3, 19:98S:01:05:168:40E, 0.05, h25km,
mb4.8/37, MS4.3/14, Error ellipse: s-maj=7.9km
s-min=6.5km az=138.8

GCMT 30 21:22.30.4.0.2, 19:95S:168:26E, h16km, MW5.0/72,
Moment Tensor Solution, s37,c45; s72,c105; Duration:
0 Moment tensor: Scale 1019N; Mr-3.13E-18;
Ms-0.15E-12; Ms3.29E-12; Mw0.08E-10; Mw0.03E-08;
Ms-1.5E-28; Best double couple: M3.58300E1016
NP1=358.00000; s58.00000; A-91.00000; NP2:
e181.00000; s32.00000; A-88.00000; Principal axes:
T 3.6630, Plg13.0000; Azm89.0000; N -0.1530,
Plg1.0000; Azm359.0000; P -3.5040, Plg77.0000;
Azm265.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

NEIC 30 21:22.30.4.2.9, 19:98S:168:35E, h20km, mb5.1/22
Error ellipse: s-maj=10.4km s-min=7.7km az=174.0
BJI 30 21:22.30.4.2.9, 19:98S:168:35E, h20km, mb4.8/23, mb5.3/21,
Ms5.2/11, Ms7.4/21

MOST 30 21:22.30.7.4.1, 19:94S:168:31E, h33km, mb5.2/17, Error
ellipse: s-maj=12.8km s-min=10.2km az=171.0

AUST 30 21:22.57.5.2.1, 20:36S:167:34E, h210km, 13km, Error
ellipse: s-maj=23.8km s-min=7.1km az=93.0

ISC 30 21:22.30.9.0.4, 20:09S:01:06:168:47E, 0.05, h25km, n168,
e1127/161, mb4.9/36, MS4.2/14, 6C-6D, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Matushiro Arr, Sogino Array, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DZM, MSVF, RAO, EIDS, ARMA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IDC, AFI, STKA, ASAR, etc.

IDC 30 20:54:29.9.2.7, 21:03S:175:62W, h0km, mb3.7/5,
mb1 4.0/5, mb1mx3.8/38, mbtmp3.7/5, MS2.9/1, Ms1 2.9/1,
ms1mx2.5/38, Error ellipse: s-maj=163.8km
s-min=24.4km az=149.0, Tonga Islands

NEIC 30 20:54:50.8.0.3, 27:32N:143:45E, h10km, mb4.4/3, Error
ellipse: s-maj=8.4km s-min=8.0km az=72.0

ISCJB 30 20:54:52.5.0.5, 27:40N:01:06:143:40E, 0.05, h33km,
mb4.0/19, MS2.8/1, Error ellipse: s-maj=9.3km
s-min=5.2km az=146.6

JMA 30 20:54:53.3.0.1, 27:53N:143:17E, h85km, M3.6
ISC 30 20:54:54.6.0.6, 27:43N:01:07:143:31E, 0.08, h35km, n34,
e110/37, mb4.0/19, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBJI, JHHJ, JODD, etc.

IDC 30 21:07:55.6.2.9, 42:50N:104:64W, h0km, mb3.6/2,
mb1 3.9/4, mb1mx3.4/51, mbtmp3.7/4, ML3.7/2, Error
ellipse: s-maj=52.3km s-min=10.8km az=158.0

ISCJB 30 21:07:57.2.0.9, 43:01N:01:05:104:92W, 0.07, h0km,
mb4.7/1, Error ellipse: s-maj=8.9km s-min=5.7km
az=136.8

NEIC 30 21:07:59.2.1.4, 43:21N:104:90W, h0km, ML2.8, Error
ellipse: s-maj=21.2km s-min=10.5km az=151.0, Suspected
Mining explosion.

NEIC 60 km [35 miles] NE of Douglas.
ISC 30 21:07:58.5.1.0, 43:11N:01:06:104:92W, 0.05, h0km, n10,
e1107/20, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RSSD, PDAR, RLMT, etc.

30d 21h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

2010 DEC

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

1858

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: EDM, comp, Z, fmax, pmax, P, 02 05, 04.0+0.7, etc. Includes stations like Edmonton, Wild Horse Val, Asahikawa, etc.

Table with columns: OTUK, Ortayay, 67.48 322, P, P, 02 10 20.5 -0.9, etc. Includes stations like Ortayay, Vasula, Polgornoye, etc.

Table with columns: VOIR, BZS, BZS, BZS, GZR, GZR, GZR, etc. Includes stations like Buzias, Gura Zlata, Gura Zlata, etc.

IDC 31 02:11:06.3, 1.3, 51.68N, 176.45E, h0km, mb3.6/9, n1 3.8/10, mb1mx3.6/40, mbtmp3.6/10, ML3.6/1, Error ellipse: s-maj=36.6km, s-min=21.6km az=155.0

NEIC 31 02:11:11.7, 51.64N, 176.43E, h36km, ML3.4(AEIC), After AEIC.

ISC 31 02:11:10.5:2.0, 51.77N, 02:17:46.0E:0.05, h25km, 12km, n23, c0:95/23, mb3.6/9, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Little Sitkin, Little Sitkin, Little Sitkin, etc.

ISCJB 31 02:28:17.6:0.8, 27.48N, 0:07:143.94E:0.08, h10km, mb3.6/8, Error ellipse: s-maj=12.7km, s-min=5.8km az=41.9

IDC 31 02:28:17.8:0.9, 27.31N, 143:50E, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.6/35, mbtmp3.6/9, ML3.6/1, Error ellipse: s-maj=25.3km, s-min=19.1km, az=100.0

JMA 31 02:28:19.8:1.0, 27.44N, 143:25E, h10km, 2km, M4.5

ISC 31 02:28:19.8:1.0, 27.44N, 0:08:143.39E:0.09, h10km, n16, c:1807/19, mb3.6/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Chichijima, Chichijima, etc.

ISCJB 31 02:40:39.9:1.3, 38.62N, 0:04:43.98E:0.08, h2km, 8km, Error ellipse: s-maj=10.7km, s-min=6.0km az=17.8

ISK 31 02:40:39.7, 38.67N, 43:91E, h5km, MD3.0

CSEM 31 02:40:42.0:7.0, 38.66N, 43:91E, h8km, MD2.9, Error ellipse: s-maj=11.0km, s-min=6.0km az=105.0

DDA 31 02:40:42.1, 38.66N, 43:69E, h8km, MD2.9

ISC 31 02:40:41.5:1.3, 38.67N, 0:03:43.82E:0.05, h4km, 11km, n20, c0:81/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANB, VANB, VANB, etc.

31d 3h

Table with columns: SIRT, Sirmak, 1.60 224 ePn, Pn, 02 41 11.0 +0.3, etc.

IDC 31 02:41:21.4-6.3, 29.70S, 179.14W, h271km, 53km, mb3.4/4, mb1.3/1.4, mb1mx3.9/2.9, mbtmp3.0/4, Error ellipse: s-maj=47.8km s-min=23.6km az=36.0

ISC 31 02:41:23.9-1.2, 30.92S, 179.09W, 0.2, h300km, n57, o1544/61, mb3.5/4, Kermaed Islands region

Main table for 31d 3h section, listing station names, codes, and times.

IDC 31 02:46:15.8-5.0, 13.01N, 143.16E, h177km, 80km, mb3.0/4, mb1.3/1.4, mb1mx2.9/5.8, mbtmp3.5/4, Error ellipse: s-maj=127.5km s-min=18.4km az=86.0, South of Mariana Islands

Table for IDC 31 02:46:15.8-5.0, listing station names and codes.

IDC 31 02:59:04.1-4.9, 37.26N, 72.07E, h118km, 37km, mb3.4/8, mb1.3/1.3, mb1mx3.5/5.2, mbtmp3.8/1.3, Error ellipse: s-maj=46.4km s-min=25.8km az=151.0

NNC 31 02:59:11.0-4.0, 37.84N, 71.56E, h176km, 61km, mb3.0, mpv3.9, Error ellipse: s-maj=40.2km s-min=25.4km az=25.0

ISC 31 02:59:08.9-1.4, 37.7N, 0.1x71.44E, h150km, n30, o180/31, mb3.5/6, 6C-5D, Afghanistan-Tajikistan border region

Main table for 31d 3h section, listing station names, codes, and times.

2010 DEC

Table for 2010 DEC section, listing station names, codes, and times.

IDC 31 03:19:39.3-1.6, 3.52S, 139.38E, h0km, mb3.7/4, mb1.4/0.6, mb1mx3.8/2.8, mbtmp3.8/6, ML 4.02, Error ellipse: s-maj=51.4km s-min=12.7km az=100.0

AUST 31 03:19:46.0-3.9, 92S, 139.03E, h0km, ISCJB 31 03:19:47.2-0.7, 3.69S, 0.07x138.76E, 0.9, h50km, mb3.7/3, Error ellipse: s-maj=14.2km s-min=8.2km az=32.5

ISC 31 03:19:48.6-0.8, 3.75S, 0.09x138.95E, 0.08, h50km, n17, o2506/16, mb3.7/3, Irian Jaya

Main table for 2010 DEC section, listing station names, codes, and times.

IDC 31 03:28:48.9-0.7, 19.72S, 168.32E, h0km, mb4.6/17, mb1.4/7.19, mb1mx4.5/4.1, mbtmp4.5/19, ML3.9/2, MS3.9/8, Ms1.3/9.8, ms1mx3.6/2.8, Error ellipse: s-maj=19.1km s-min=15.8km az=129.0

BUL 31 03:28:50.0, 19.50S, 168.10E, h10km, mb4.8/14, mb5.2/9, Ms5.2/3, Ms7.4/8.3

NEIC 31 03:28:51.0-0.3, 19.61S, 168.19E, h10km, mb4.7/15, Error ellipse: s-maj=9.1km s-min=7.4km az=133.0

ISCJB 31 03:28:53.2-0.3, 19.74S, 0.05x168.17E, 0.0, h33km, mb4.6/25, MS3.8/7, Error ellipse: s-maj=8.5km s-min=6.1km az=41.5

AUST 31 03:28:59.5, 19.61S, 168.41E, h100km, ISC 31 03:28:54.6-0.5, 19.75S, 0.07x168.28E, 0.09, h35km, n100, o184/93, mb4.6/25, MS3.8/5, 3C-1D, Vanuatu Islands

Main table for 2010 DEC section, listing station names, codes, and times.

1864

Main table for 1864 section, listing station names, codes, and times.

IDC 31 03:34:22.1-3.7, 38.15S, 72.75W, h0km, mb3.3/2, mb1.3/5.4, mb1mx3.5/2.8, mbtmp3.4/4, ML3.3/2, MS3.2/3, Ms1.3/2.3, ms1mx3.0/3.0, Error ellipse: s-maj=86.1km s-min=17.7km az=73.0, Central Chile

Table for IDC 31 03:34:22.1-3.7, listing station names and codes.

31d 10h

mb1 3.9/4, mb1mx3.6/45, mbtmp3.7/9, ML3.5/1, Error ellipse: s-maj=62.9km s-min=19.3km az=5.0

ISCJB 31 09:04:28.6:0.9, 50.94N:0.08:176.00W:0.07, h28km, mb3.8/7, Error ellipse: s-maj=11.3km s-min=6.1km az=171.8

NEIC 31 09:04:31.8, 51.15N:176.05W, h26km, ML3.2(AEIC), After AEIC

ISC 31 09:04:31.1, 51.11N:0.1:175.98W:0.04, h28km, n28, c071/25, mb3.9/7, Andreonof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like ETKA, GSKC, GSMY, etc.

NNC 31 09:19:05.9:4.5, 36.69N:70.34E, h0km, mb4.0, mpv3.6, 6C-3Z, Error ellipse: s-maj=38.9km s-min=30.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like MNAS, KK31, AAK, etc.

ISC 31 09:25:19.8:4.4, 27.13N:143.07E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.4/40, mbtmp3.7/4, ML3.4/1, Error ellipse: s-maj=266.3km s-min=25.8km az=83.0, Bonin islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like MJAR, WRA, ASAR, etc.

CSEM 31 09:34:30.8:0.2, 40.47N:21.89E, h2km, MD3.2, Error ellipse: s-maj=4.8km s-min=3.6km az=173.0

ATH 31 09:34:31.1, 40.44N:21.87E, h5km, 2km, MD3.2/10

ISC 31 09:34:31.2, 40.44N:0.0:42.188E:0.03, h5km, 11km, n24, c059/32, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like KZN, LIT, PENT, etc.

ISC 31 09:40:54.7:7.3, 27.00N:144.33E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/39, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=289.4km s-min=22.9km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like MJAR, WRA, ZALV, etc.

2010 DEC

PGC 31 09:49:34.6:2.4, 50.95N:130.76W, h10km, ML3.2/20, Mw3.8, 226km Wsw of Bella Bella, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like HOLB, BNB, BBA, etc.

ISK 31 09:55:04.9, 38.47N:33.97E, h7km, MD2.8

DDA 31 09:55:05.2, 38.42N:33.97E, h7km, MD2.8

CSEM 31 09:55:05.3:0.2, 38.43N:33.93E, h5km, MD2.8, Error ellipse: s-maj=5.7km s-min=4.5km az=94.0

ISC 31 09:55:04.9:1.2, 38.44N:0.0:34.00E:0.04, h3km, 12km, n25, c038/37, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like SULT, NIG, AVNS, etc.

ISC 31 09:56:40.1:2.4, 7.28S:151.36E, h0km, mb3.0/3, mb1 3.4/3, mb1mx3.2/25, mbtmp3.1/3, Error ellipse: s-maj=164.2km s-min=29.2km az=128.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like WRA, ASAR, ILAR, etc.

KRSC 31 10:10:40.8:3.4, 53.68N:160.78E, h57km, 24km, ML4.6

MOS 31 10:10:42.6:0.8, 53.71N:160.77E, h60km, mb4.2/13, Error ellipse: s-maj=10.6km s-min=4.8km az=78.0

ISCJB 31 10:10:43.5:0.5, 53.74N:160.69E:0.08, h71km, 4km, mb3.9/20, Error ellipse: s-maj=8.9km s-min=2.4km az=28.7

ISC 31 10:10:46.9:1.4, 53.92N:160.32E, h83km, 13km, mb3.7/17, mb1 4.0/19, mb1mx3.7/56, mbtmp4.1/19, MS3.2/4, Ms1 3.2/4, ms1mx2.8/42, Error ellipse: s-maj=17.3km s-min=1.0km az=139.0

ISC 31 10:10:43.6:0.9, 53.74N:160.69E:0.05, h55km, 9km, n112, c1928/147, mb4.0/20, 1C-12D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like SPN, KRI, KOK, etc.

1870

Large table with columns: GNL, Ganaly, RUS, Russkaya, PETK, etc. Lists stations and their associated data.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 432A Menard, 335A Moody, 334A Lometa, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Q38A Cooks Store, KSCO Kaye Shedlock, Q39A White Grove F, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TAP 31, JMA 31, ISCBJ 31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCO CERRO ARCO, AAGR Agrelo, TLL Tololo Astrono, AGUA GUANDACOL, PELA Peldehue, ROCI El Roble, AVIZ Vizcacheras, LSCH La Serena, CLCH Cerro Calan, LCO Las Campanas, LCO.

MEX 31 11:58:48.7-0.5, 15.75N, 90.55W, h16km, 96km, MD3.9, Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CCIG Comitan, PCIG, PCIG.

ISK 31 12:15:45.7, 38.43N, 40.55E, h19km, MD2.7, CSEM 31 12:15:46.9, 0.4, 38.38N, 40.49E, h10km, MD2.7, Error ellipse: s-maj=9.8km, s-min=7.7km, az=25.0, DDA 31 12:15:47.8, 38.42N, 40.45E, h7km, MD2.7, ISC 31 12:15:46.6, 1.3, 38.42N, 0.03, 40.51E, 0.03, h5km, 11km, n23, c071/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BINT Bingol, BINT Diyarbakir, DIY Diyarbakir, BNGB Bing Tjil, BNGB Silvan-Diyarba, SVAN Silvan-Diyarba, BNLG BINGOL, BTMM Batman, BTMM Batman, BTMT Batman, BTMT Batman, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, MAZI Mazidag, MAZI Mazidag, PTK Pertek, MARD Mardin, ELZG Elazig, ELZG Elazig, EKAR Karacaban, URFA Urfa, URFA Urfa.

ISC 31 12:19:07.6, 0.6, 26.90N, 143.73E, h0km, mb3.9/17, mb1.4, 1/20, mb1mx4.1, 31, mbtpm3.9/20, ML3.3/3, MS3.2/3, Ms1.3/2.3, ms1mx2.6/34, Error ellipse: s-maj=16.8km, s-min=15.2km, az=49.0, NEIC 31 12:19:09.4, 0.3, 26.93N, 143.71E, h10km, mb4.6/7, Error ellipse: s-maj=9.2km, s-min=7.4km, az=60.0, JMA 31 12:19:12.0, 0.3, 27.10N, 143.68E, h62km, M3.4, ISCJB 31 12:19:13.0, 0.5, 27.35N, 0.05, 143.62E, 0.05, h33km, mb4.1/24, MS4.0/1, Error ellipse: s-maj=7.5km, s-min=5.2km, az=139.9, ISC 31 12:19:13.9, 0.6, 27.17N, 0.07, 143.67E, 0.07, h35km, n42, c158/49, mb4.1/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, CBJJ Chichijima, JCHJ Chichijima, JHHJ Haha-jima-NKT, BSO3 Boso 3, JOD2 Odawara 2, JHU Hanno, JHU Ryogami san, JRY Ryogami san, JHO Hitachi, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, KSRS Korea Array, KSAR Wonju Array, ASAJ Asahikawa, USRK Utsuriysk Arr, USRK Matsushiro, SONM Songoing Array, CMAR Chiang Mai Arr, CTA Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Arr, ILAR Eielson Array, STKA Stephens Creek, KKAR Karatay Array, ARU Arti, ABKAR Akbulak array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alibeck, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, NVAR Mina Array Bea, RLMT Red Lodge, DUG Dugway, PDAR Pinedale Array, AKAS Malin Array Bea, RYCN Rayn, BRTR Keskin Array B, TXAR Lajitas Array, LPAZ La Paz.

GUC 31 12:23:53.0, 8.0, 34.83S, 72.65W, h23km, 2km, ML3.5, ISC 31 12:23:52.9, 1.7, 34.92S, 0.06, 72.51W, 0.09, h8km, 11km, n15, c155/24, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHPI Pichilemu, CHPI Los Ruches, NICH Nich, COCH Coaquecura, LNV Longovilo, CHCH Chadas Angosto, ANTU Antumapu, CLCJ Cerro Calan, ROCI El Roble, ROCI Peldehue, AARG Agrelo, AARG CERRO ARCO, AUSP Uspallata, AUSP Uspallata, ASAL Salagasta, RTLS Leoncito, RRTL Ceorro Villucun, RRTL.

ISC 31 12:25:40.6, 0.8, 26.97N, 143.56E, h0km, mb3.7/11, mb1.3, 9/14, mb1mx3.8/31, mbtpm3.7/14, ML3.2/3, Error ellipse: s-maj=18.6km, s-min=17.8km, az=105.0, ISCJB 31 12:25:46.2, 0.8, 27.42N, 0.07, 143.44E, 0.07, h33km, mb3.7/11, Error ellipse: s-maj=9.4km, s-min=5.6km, az=33.6, JMA 31 12:25:46.9, 0.2, 27.35N, 143.46E, h46km, M4.4, ISC 31 12:25:46.8, 0.9, 27.25N, 0.07, 143.47E, 0.08, h35km, n21, c158/24, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, JCHJ Chichijima, JHHJ Haha-jima-NKT, BSO1 Boso 1, JHU Hanno, JHU Ryogami san, JRY Ryogami san, JHO Hitachi, MJAR Matsushiro Arr, KSRS Korea Array, USRK Utsuriysk Arr, SONM Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Arr, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINESS Array B, NVAR Mina Array Bea, PDAR Pinedale Array.

ISC 31 12:42:42.9, 0.9, 19.78S, 168.37E, h0km, mb4.4/10, mb1.4, 5/12, mb1mx4.3/24, mbtpm4.3/12, ML3.7/2, MS3.5/8, Ms1.3, 5/8, ms1mx3.2/33, Error ellipse: s-maj=27.2km, s-min=19.4km, az=154.0, NEIC 31 12:42:43.0, 0.6, 19.62S, 168.21E, h10km, mb4.8/8, Error ellipse: s-maj=14.8km, s-min=11.5km, az=183.0, ISCJB 31 12:42:46.3, 0.5, 19.81S, 0.07, 168.18E, 0.08, h27km, mb4.5/14, MS3.5/6, Error ellipse: s-maj=11.5km, s-min=8.5km, az=44.5, AUST 31 12:42:51.0, 2.1, 0.20, 21S, 167.89E, h12km, 1km, Error ellipse: s-maj=3.2km, s-min=1.6km, az=6.0, ISC 31 12:42:47.3, 0.7, 19.51S, 0.09, 168.25E, 0.10, h27km, n40, c153/33, mb4.6/13, MS3.5/6, 2C-1D, 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, RAO Raoul Island, RMQ Roma, URZ Urewera, URZ Urewera, CTA Charters Tower, CTAO Charters Tower, MTSU Mouton Surprize, CNB Canberra Magne.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, QLP Quito, CMSA Cobar Meteorol, COEN Coen, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Molin, ASAR Alice Springs, ASAR Alice Springs, MTN Manton Dam, WRKA Warakura, KNRA Kunurra, FITZ Fitzroy Crossi, GUMO Guam, KLBR Kellerberrin, NWAO Narrogin (SRO), KAPI Kappang, CMAR Curlew Mat Arr, ULN Ulanbaatar, SONM Songoing Array, NVAR Mina Array Bea, ILAR Eielson Array, WVOR Wild Horse Val, TXAR Lajitas Array, ARCES ARCES Array B, GERES GERES Array B, MOA Molin, SOKA Soboth, FETA Feichten.

MEX 31 12:49:04.3-0.6, 13.93N, 91.48W, h20km, 186km, MD3.7, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, ISC 31 12:59:56.9, 1.8, 51.52N, 175.02W, h0km, mb3.7/6, mb1.0, 9/9, mb1mx3.6/53, mbtpm3.9/9, ML3.6/3, MS2.8/1, Ms1.2, 8/1, ms1mx2.4/47, Error ellipse: s-maj=57.5km, s-min=18.8km, az=4.0, ISCJB 31 12:59:59.3, 0.8, 51.13N, 0.07, 175.01W, 0.06, h40km, mb3.9/7, MS2.8/1, Error ellipse: s-maj=9.6km, s-min=5.4km, NEIC 31 13:00:00.5, 5.1, 27N, 175.13W, h20km, ML3.3(AEIC), After AEIC, ISC 31 13:00:01.5, 0.1, 51.31N, 0.1, 175.08W, 0.05, h40km, n32, c094/30, mb4.0/7, Andreon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSMY Great Sitkin I, GSKC Great Sitkin C, ETKA Kagalaska Isla, GSTR Great Sitkin T, GSTD Great Sitkin T, ATKA Atka Island, ADKF Korovin Flat, ADOP Mount Adagat, KOKL Mount Kluechev, KOKL Korovin West, KIRH Kanaga Island, KIKV Kanaga Island, TAPA Tanaga Point A, TAFP Tanaga Falls P, KADK Gareloi Lava P, KADK Kodiak Island, PETK Petropavlovsk, ILAR Eielson Array, MA2 Magadan, EGAK Eagle, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, PDAR Pinedale Array, TXAR Lajitas Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MKAR Makanchi Arr, BVAR Borovoye Array, GEYT Alibeck, ISC 31 13:02:55.7, 2.8, 22.66N, 142.88E, h0km, mb3.7/6, mb1.3, 8/7, mb1mx3.5/43, mbtpm3.7/7, ML3.3/1, Error ellipse: s-maj=114.0km, s-min=25.7km, az=78.0, Volcano Islands region

31d 13h

0.7m,0.4s,baz=86,slow=7.9,SNR=5.8
FINES FINESS Array B 82.19 334 P 13 15 19.1 +0.7
0.8m,0.6s,baz=60,slow=3.5,SNR=6.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

ISCJB 31 13:11:11.0,6.0,5.9,39.99N,0.02,33.56E,0.04,h0km,Error ellipse: s-maj=4.5km s-min=3.4km az=8.4
ISK 31 13:11:11.0,39.99N,33.56E,h5km,MD2.5
CSEM 31 13:11:11.0,6.0,2.40,00N,33.55E,h1km,MD2.6,Error ellipse: s-maj=4.2km s-min=3.2km az=95.0,Minning explosion.

DDA 31 13:11:12.0,40.00N,33.58E,h7km,MD2.6
ISC 31 13:11:11.8,0.9,39.99N,0.02,33.53E,0.03,h0km,n22,0.659/34,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELDT Eldivan, BBAL Bala, BBAL Bala, LOD Lodumlu, KAMT Kaman, AFSR Af-ar-Bala (A), CDAG Cicekdag, KKKUL Konya-Kulu, ILGA Ilgaz, BCAM Yenicaga, YCZ Yozgat, SULT Sultanhani-AKS.

ISC 31 13:15:10.9,5.3,26.81N,143.15E,h0km,mb3.4/3,mb1 3.7/4,mb1mx3.3/3,mbtmp3.4/4,ML3.6/1,Error ellipse: s-maj=207.2km s-min=25.5km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

ISK 31 13:23:41.1,41.05N,36.05E,h8km,MD2.3
CSEM 31 13:23:41.8,0.3,41.04N,36.07E,h1km,MD2.3,Error ellipse: s-maj=8.1km s-min=6.3km az=27.0, Minning explosion.

ISCJB 31 13:23:42.1,0.5,41.03N,0.03,36.07E,0.04,h0km,Error ellipse: s-maj=4.8km s-min=3.8km az=142.4
DDA 31 13:23:42.4,41.01N,36.06E,h7km,MD2.8
ISC 31 13:23:41.9,0.9,41.04N,0.02,36.06E,0.03,h0km,n21,0.859/34,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KVT Kavak, HAVZ Havza, SAMS Samsun-Alacam, ERBA Erbaa, DIKM Dikmen, BOYT Boyabat, COAL Corum-Alaca.

WEL 31 13:35:03.1,0.6,35.94S,176.43E,h33km,ML3.5/3,Error ellipse: s-maj=7.9km s-min=4.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, URZ Urewera, MWZ Matawai, PUZ Puketiti, RIGZ Rimuhau, KNZ Kokohu.

ISC 31 13:38:32.5,6.0,36.01N,71.64E,h229km,35km,mb3.2/2,mb1 2.9/8,mb1mx2.7/57,mbtmp3.6/8,Error ellipse:

2010 DEC

s-maj=74.1km s-min=25.4km az=160.0
ISC 31 13:38:37.1,2.3,36.5N,0.02,71.4E,0.2,h250km,n10,0.1925/11,4C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, KK31 Karatay Array, GEYT Alibek, MKAR Makanchi Array, BVAR Boboyev Array, AKTO Aktyubinsk, ZALV Zalesovo Beam, YKA Yul'fornite Ar.

ISC 31 13:40:50.3,4.1,18.46S,169.58E,h257km,37km,mb3.5/4,mb1 3.6/5,mb1mx3.3/37,mbtmp4.0/5,Error ellipse: s-maj=74.8km s-min=38.6km az=140.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, GERES GRESSE Array B.

ISC 31 13:46:41.3,11.0,49.91N,175.38W,h0km,mb3.0/2,mb1 3.8/4,mb1mx3.3/51,mbtmp3.7/4,ML3.2/2,Error ellipse: s-maj=274.1km s-min=30.9km az=165.0

ISCJB 31 13:46:50.9,1.3,50.80N,0.10,175.90W,0.10,h33km,mb3.4/1,Error ellipse: s-maj=14.7km s-min=8.4km az=164.2

NEIC 31 13:46:53.6,51.01N,176.05W,h56km,ML3.0(AEIC),After AEIC

ISC 31 13:46:52.6,1.7,50.9N,0.1,176.01W,0.07,h35km,n16,0.055/18,Andreas Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin, ADAG Mount Adagad, GSMY Great Sitkin M, GSTD Great Sitkin T, GSTR Great Sitkin T, KIRH Kanaga Island, KIKV Kanaga Island, TAPA Tanaga Point A, TASE Tanaga Southea, ATKA Atka Island, KOPF Korovin Flat P, KDAK Kodiak Island, PETK Petropavlovsk, ILAR Eielson Array, MKAR Makanchi Array.

ISC 31 13:47:19.8,2.9,30.34S,178.31W,h0km,mb3.4/2,mb1 3.7/3,mb1mx3.5/32,mbtmp3.5/3,ML3.0/1,Error ellipse: s-maj=68.2km s-min=36.2km az=108.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

ISC 31 13:53:16.3,0.5,27.38N,143.38E,h0km,mb4.1/18,mb1 4.3/21,mb1mx4.2/42,mbtmp4.1/21,ML3.4/3,MS3.3/4,Ms1 3.3/4,ms1mx2.9/35,Error ellipse: s-maj=14.8km s-min=13.7km az=127.0

NEIC 31 13:53:17.6,0.3,27.38N,143.42E,h10km,mb4.9/7,Error ellipse: s-maj=9.0km s-min=7.2km az=71.0

MOS 31 13:53:18.2,0.9,27.29N,143.43E,h25km,mb4.6/17,Error ellipse: s-maj=19.9km s-min=9.3km az=121.3

ISCJB 31 13:53:20.9,0.5,27.64N,0.03,143.26E,0.05,h33km,mb4.4/34,MS3.6/5,Error ellipse: s-maj=7.1km s-min=4.0km az=22.0

JMA 31 13:53:21.0,4.0,27.46N,143.29E,h55km,ML4,ISC 31 13:53:21.7,0.5,27.48N,0.06,143.34E,0.07,h35km,n77,0.133/85,mb4.5/34,MS3.7/5,3C-4D,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJ Chichi jima, CBJ Chichi jima, CBJ Chichijima, JCU JCU, JHHJ Haha-jima-NKT, JOD2 Odawara 2, JHU Hanno, JHT Yasato, JYJ Yasuoki, JRY Ryugasaki, JRO Hitachi, JHO Hitachi, JAG Ashikaga, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

1874

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro, MAJO Matsushiro, MAT Matsushiro, KRSR Korea Array, WARR Warramunga Arr, ULN Ulanbaatar, SONM Songino Array, SONM Songino Array, PAK Port Moresby, ZAK Zakamensk, TLY Talaya, CMAR Chiang Mai Arr, BILL Bilibino, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, STKA Stephens Creek, STKA Stephens Creek, KKAR Karatay Array, KKAR Karatay Array, ARU Arti, ARU Arti, ABKAR Abkudak array, GEYT Alibek, YKA Yellowknife Ar, YKA Yellowknife Ar, ARCES ARCES Array B, ARCES ARCES Array B, OBN Obrinsk, FINES FINESS Array B, FINES FINESS Array B, KBZ Khabaz, KBZ Khabaz, KIV Kislovodsk, KIV Kislovodsk, NVAR Mina Array Bea, VSU Vasula, LRM Limekiln Ridge, AKASG Akasgarray B, KIEV Kiev, KIEV Kiev, PDAR Pineclay Array B, NOA NORRAR Array B, NOA NORRAR Array B, RAYN Ar Rayn, BRTR Keskin Array B, BRTR Keskin Array B, TXAR Tajikistan Array B.

TXAR Lajitas Array 94.55 54 P pmax 14 06 39.8 +0.7
TORAD Torodi Ar. Bea 125.09 312 PKP PKPdf 14 12 18.8 -0.3
LPAZ La Paz 148.83 76 PKP PKPbc 14 13 07.9 +0.9
LPZAZ La Paz 148.83 76 PKP2 PKPbc 14 13 07.9 +0.9

KRSC 31 13:53:45.5-0.8, 53.91N:160.66E, h105km, 10km, ML4.0
ISCJB 31 13:53:46.5-0.7, 53.90N:0.04-160.7E:0.1, h103km, 9km,
Error ellipse: s-maj=12.9km s-min=3.6km az=26.1

MOS 31 13:53:46.8-0.3, 53.93N:160.54E, h105km, mb4.2/1, Error
ellipse: s-maj=20.0km s-min=6.6km az=82.1

ISC 31 13:53:47.0-0.1, 53.93N:0.04-160.63E:0.07,
h106km, 11km, n1, 0956/80, 1D, Near east coast of
Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KII Karymskiy, KII Karymskiy, KII Karymskiy, etc.

IDC 31 14:00:18.9-1.5, 20.12S:168.27E, h0km, mb3.9/8,
mb1 4.2/9, mb1mx4.0/31, mb1mp3.9/9, ML4.1, 1, MS3.0/2,
MS1 3.0/2, ms1mx2.6/28, Error ellipse: s-maj=51.2km
s-min=20.1km az=139.0

ISC 31 14:00:22.0-1.4, 20.4S:0.3-168.3E:0.3, h25km, n10,
0959/10, mb3.8/7, Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like DZM Mont Dzumac, DZM Charters Tower, STKA Stephens Creek, etc.

IDC 31 14:06:04.2-6.2, 27.42N:143.76E, h0km, mb3.4/3,

mb1 3.6/4, mb1mx3.4/29, mb1mp3.4/4, ML2.7/1, Error
ellipse: s-maj=241.9km s-min=27.1km az=74.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MJAR Matsushiro Arr, WJRR Warramunga Arr, MKAR Makanchi Array, ASAR Aotea Springs.

NNC 31 14:11:06.7-1.0, 42.22N:76.30E, h0km, mb2.7, mpv2.5,
Error ellipse: s-maj=6.7km s-min=3.3km az=165.0

KRNET 31 14:11:07.0-0.1, 42.21N:76.30E, h18km, mb2.3,
ISCJB 31 14:11:07.2-0.1, 42.19N:0.03-76.33E:0.04, h77km, 4km,
Error ellipse: s-maj=5.5km s-min=4.4km az=149.3

KNET 31 14:11:07.6-0.4, 42.23N:76.33E, h12km, 1km, ml1.9, Error
ellipse: s-maj=3.8km s-min=1.8km az=140.0

ISC 31 14:11:06.8-0.9, 42.22N:0.03-76.31E:0.03, h14km, 5km,
n30, 0459/40, 32C-21D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ULHL Ulahol, KZA Kyzart, KZA Kyzart, etc.

ISCJB 31 14:23:51.6-0.7, 41.01N:0.04-36.04E:0.04, h0km, Error
ellipse: s-maj=5.7km s-min=4.6km az=24.5

CSEM 31 14:23:51.5-0.3, 41.02N:36.04E, h2km, MD2.5, Error
ellipse: s-maj=7.2km s-min=6.1km az=21.0, Mining
explosion.

DDA 31 14:23:51.5-1.1, 41.04N:36.05E, h7km, Md2.5

ISC 31 14:23:51.1-1.2, 41.03N:0.03-36.07E:0.03, h0km, n12,
0457/22, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KVT Kavak, KVT Kavak, KVT Kavak, etc.

BOYT Boyabat 0.96 294 P Pg 14 24 09.5 -0.3
BOYT Boyabat 0.96 294 S Sg 14 24 23.4 -0.8
BOYT Boyabat 0.96 294 I P Pg 14 24 09.5 -0.3

SKHL 31 15:06:38.3-1.1, 46.58N:153.80E, h40km, 4km, mb5.0/1
ISCJB 31 15:06:43.9-0.6, 46.87N:0.09-153.0E:0.1, h56km,
mb3.7/15, Error ellipse: s-maj=15.4km s-min=4.6km
az=140.5

MOS 31 15:06:45.1-1.5, 46.92N:153.01E, h66km, mb4.2/5, Error
ellipse: s-maj=12.8km s-min=8.1km az=56.1

IDC 31 15:06:48.0-2.5, 46.98N:152.91E, h77km, 22km, mb3.3/16,
mb1 3.6/21, mb1mx3.4/60, mb1mp3.7/21, Error ellipse:
s-maj=23.7km s-min=13.8km az=147.0

ISC 31 15:06:45.0-0.6, 46.77N:0.07-153.21E:0.07, h56km, n61,
0151/59, mb3.6/15, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

31d 16h

SNR=4.2

GUC 31 15:07:30.9,0.3,34.69S,72.47W,h27km,1km,ML3.5,1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHPI Pichilemu, LNV Longovilo, COCH Cobquecura, etc.

IDC 31 15:14:43.6,4.26,59N,143.79E,h0km,mb3.4/3, mb1 3.6/4, mb1mx3.3/30, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=252.0km s-min=28.5km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 31 15:19:24.2,7.3,19.08S,177.06W,h0km,mb3.6/2, mb1 3.9/2, mb1mx3.6/24, mbtmp3.6/2, Error ellipse: s-maj=292.8km s-min=116.4km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array Be, etc.

ISCJB 31 15:32:22.4,0.8,27.1N,0.1,143.41E,0.08,h10km, mb3.5/9, Error ellipse: s-maj=15.9km s-min=10.5km az=167.5

IDC 31 15:32:22.6,0.9,27.08N,143.44E,h0km,mb3.5/9, mb1 3.7/10, mb1mx3.6/26, mbtmp3.5/10, ML3.6/1, Error ellipse: s-maj=23.4km s-min=20.2km az=131.0

ISC 31 15:32:24.2,0.9,27.1N,0.1,143.37E,0.09,h10km,n11, 0.592/12, mb3.5/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, etc.

ISCJB 31 15:35:39.6,0.6,40.77N,0.04,25.99E,0.04,h12km,5km, Error ellipse: s-maj=7.6km s-min=4.5km az=163.2

THE 31 15:35:39.7,0.40,78N,25.96E,h16km,ML1.8/2, Error ellipse: s-maj=2.0km s-min=0.6km az=115.0

CSEM 31 15:35:39.2,0.3,40.81N,25.98E,h12km,ML1.8, Error ellipse: s-maj=8.8km s-min=4.2km az=169.0

DDA 31 15:35:40.5,40.71N,25.10E,h7km,MD2.5

ISC 31 15:35:39.3,1.1,40.79N,0.04,25.99E,0.02,h18km,4km, n15, 0.58/30, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ALN Alexandroupoli, SMTH Samothraki Isl, KESN Edirne-Kesan, etc.

ISCJB 31 15:49:21.6,0.6,31.24N,0.04,115.59W,0.04,h6km,5km, Error ellipse: s-maj=7.1km s-min=4.7km az=23.7

ECX 31 15:49:22.6,0.5,31.22N,115.60W,h5km,MD3.4,ML3.6

ISC 31 15:49:21.7,1.0,31.25N,0.06,115.59W,0.05, h11km,12km,n13, 0.68/23, 5C-6D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SPX San Pedro Mart, ECXB El Chinero, etc.

2010 DEC

Table with columns: ZAX, El Zacaton, 0.65 295I, Pg Sg, 15 49 33.6 -0.7, 15 49 40.3 +0.2, 15 49 43.5, 15 49 44.3, etc.

ISK 31 15:49:32.3,37.30N,42.57E,h9km,MD2.5 CSEM 31 15:49:32.4,0.4,37.24N,42.52E,h2km,MD2.9, Error ellipse: s-maj=10.9km s-min=4.6km az=13.0

DDA 31 15:49:33.2,37.36N,42.55E,h6km,MD2.9

ISC 31 15:49:33.3,1.3,37.33N,0.05,42.59E,0.03,h4km,11km, n17, 0.887/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SIRT Sirmak, SIRT Sirmak, SIRT Sirmak, etc.

PRE 31 16:00:11.6,3.0,26.43S,27.50E,h2km,ML4.2

ISCJB 31 16:00:12.3,0.5,26.42S,0.03,27.46E,0.04,h15km,4km, mb3.9/7, Error ellipse: s-maj=6.4km s-min=4.8km az=18.6

IDC 31 16:00:12.9,0.9,26.41S,27.40E,h0km,mb3.9/7, mb1 4.2/11, mb1mx3.9/32, mbtmp4.1/11, ML4.5/4, MS2.6/3, Ms1 2.6/3, ms1mx2.4/31, Error ellipse: s-maj=16.9km s-min=13.3km az=92.0

ISC 31 16:00:13.0,0.8,26.37S,0.03,27.42E,0.04,h9km,5km, n25, 0.243/42, mb3.9/7, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

LBTB Lobatze, 2.12 309 Pn Pb 16 00 51.6 -0.1

BOSA Boshof, 2.95 220 Pn Pb 16 00 53.1 -0.8

LBTB 16 01 20.5 -0.8

LBTB 16 01 27.8

LBTB 16 01 52.8

BOSA Boshof, 2.95 220 Pn Pb 16 01 01.1 +1.1

BOSA 16 01 06.3 +0.6

BOSA 16 01 43.6

POGA Pongola, 3.88 106 Pn Pb 16 01 13.7 +1.0

POGA 16 01 56.2 -2.1

POGA 16 02 15.8

KSD Kokstad, 4.51 158 Pn Pb 16 01 22.5 +0.8

KSD 16 02 09.4 -4.9

KSD 16 02 37.4

HVD Gariep Dam, 4.55 201 Pn Pb 16 01 22.4 +0.3

HVD 16 02 12.2 -2.9

HVD 16 02 48.0

MSNA Messina, 4.66 31 Pn Pb 16 01 23.0 -0.5

MSNA 16 01 25.3 -2.4

MSNA 16 02 43.9

UPI Uppington, 5.83 249 Pn Pb 16 01 40.7 +1.0

UPI 16 02 44.0 -2.7

UPI 16 03 17.2

MATP Matopo, 6.00 10 Pn Pb 16 01 43.1 +1.1

MATP 16 02 49.0 -1.9

MATP 16 03 18.2

MATP 16 04 19.1

1876

Table with columns: LSZ, Lusaka, 11.06 4 Pn Pn 16 02 51.2 -0.2, 16 04 50.2 -5.2, 16 05 58.7, 16 06 25.0, etc.

IDC 31 16:00:45.1, 1.8, 30.43S, 178.32W, h112km, 14km, mb3.4/2, mb1 3.6/3, mb1mx3.3/29, mbtmp3.8/3, Error ellipse: s-maj=55.6km s-min=17.2km az=111.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

ISCJB 31 16:02:27.0,0.9,28.25N,0.05,59.24E,0.10,h10km, Error ellipse: s-maj=12.9km s-min=6.8km az=21.6

CSEM 31 16:02:28.9,0.5,28.30N,59.21E,h15km,ML3.9, Error ellipse: s-maj=14.7km s-min=7.8km az=116.0

THR 31 16:02:29.8,1.1,28.42N,58.91E,h14km,10km,ML3.7

DSN 31 16:02:30.0,0.2,28.25N,59.04E,h17km,mb3.4/8,ML4.4/3, Error ellipse: s-maj=10.2km s-min=4.6km az=334.0

TEH 31 16:02:32.5,28.43N,59.14E,h35km,ML3.9

ISC 31 16:02:38.2,2.1,28.27N,0.05,59.23E,0.06,h10km,n40, 0.154/43, 3C-4D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ZHFS Zahedan, ZHFS Zahedan, ZHFS Zahedan, etc.

IKOO Kooshah, 4.14 357I, ePn Pn 16 03 30.2 -1.5

IKOO 16 04 50.9

IKOO 16 04 51.1

IKOO 16 04 54.0

IKOO Kooshah, 4.14 357I, ePn Pn 16 03 30.2 -1.5

HATD Hatta, Dubai, 4.42 220 I/P Pn 16 03 34.5 -0.8

HATD Hatta, Dubai, 4.42 220 I/P Pn 16 03 34.5 -0.8

ASHO Ashiyah, 4.57 219 Pn Pn 16 03 38.0 +0.6

ASHO 16 03 38.0 +0.6

NAZ Nazwa, Dubai, 4.57 225 I/P Pn 16 03 38.0 +0.6

NAZ Nazwa, Dubai, 4.57 225 Pn Pn 16 03 38.0 +0.6

IBAF Bafgh, 4.59 317 E Sg 16 04 57.9 +2.3

IBAF 16 05 02.5

IBAF 16 05 08.5

FAQ Al Faqa, Dubai, 4.79 224 I/P Pn 16 03 40.3 -0.2

FAQ Al Faqa, Dubai, 4.79 224 I/P Pn 16 03 40.3 -0.2

ASUD Al Ashush, Dub, 5.04 225 Pn Pn 16 03 43.9 0.0

IMEH Mehri, 5.07 309 E Sg 16 05 10.1 -1.0

IMEH 16 05 19.6

ICHK Chekchek, 5.75 315 E Sg 16 05 34.1 +1.3

ICHK 16 05 44.1

IKAZ Kazeroun, 6.64 285 E Sg 16 05 27.2 +5.0

IKAZ 16 05 28.4

IAKL Akhmedal, 8.31 357 E Sg 16 06 53.5 -1.6

IAKL 16 07 09.4

IAKL 16 07 17.1

PMG Port Moresby, 14.15 115 LR Pn 16 02 32.5 -1.0

WRA Warramunga Arr, 16.41 180 Pn Pn 16 09 25.5 -1.0

WRA 16 12 17.2 -1.2

FITZ Fitzroy Crossi, 16.83 209 Sg Sg 16 09 29.8 -2.0

31d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GPCP, CLM, BRG, and others.

2010 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BEL, MSAB, CSS, EFOR, and others.

1878

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like I38A, VNA3, T37A, and others.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like VRH, DGRG, ABTX, DAG, AGMN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like RLMT, BWO6, PDAR, GCMT, GEYT, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like HHC, KMI, BJI, GYA, etc.

DDA 31 16:40:41.9, 37.907N, 29.303E, h10km, Md2.5, ISCJB 31 16:40:42.0, 37.911N, 29.288E, h10km, Md2.5, Error ellipse: s-maj=5.3km s-min=3.9km az=15.4, ISK 31 16:40:42.0, 37.959N, 29.242E, h6km, MD2.7, CSEM 31 16:40:42.0, 37.929N, 29.288E, h8km, MD2.7, Error ellipse: s-maj=4.9km s-min=3.8km az=107.0, ISC 31 16:40:42.1, 0.3792N, 0.022927E, h10km, 7km, n33, c080/52, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like UZP, DENT, KARAHALLI, etc.

31d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HAZ Te Kaha, RAGZ Rawiri, MHZ Mahia Peninsula, etc.

ISK 31 17:22:44.2, 38.68N;43.96E, h5km, MD2.6
ISCJB 31 17:22:45.0, 1.3, 38.68N;0.04:44.07E;0.09, h5km, 7km,
Error ellipse: s-maj=12.0km s-min=6.2km az=9.3

CSEM 31 17:22:45.1, 0.6, 38.67N;44.05E, h8km, MD2.6, Error
ellipse: s-maj=12.2km s-min=6.3km az=9.7, 0
DDA 31 17:22:46.4, 38.70N;43.98E, h7km, MD2.6
ISC 31 17:22:46.0, 1.4, 38.67N;0.03:43.91E;0.06, h3km, 11km,
n18, <0.86/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VANS Van, VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

ISC 31 17:22:57.3, 3.6, 5.35S; 103.58E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.3/4.1, mbtmp3.6/7, ML3.5/2, Ms1 3.7/2,
ms1mx3.1/1.7, Error ellipse: s-maj=182.4km
s-min=25.9km az=54.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

ISC 31 17:29:00.2, 2.2, 26.85N;143.43E, h0km, mb3.6/6,
mb1 3.7/7, mb1mx3.5/4.2, mbtmp3.6/7, ML3.5/1, Error
ellipse: s-maj=69.6km s-min=28.0km az=81.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MJAR Matsushiro Arr, CMAR Chiang Mai Arr, ASAR Alice Springs, etc.

NSSP 31 17:30:39.6, 38.60N;44.07E, h10km, Ms3.1
ISK 31 17:30:44.2, 38.73N;44.05E, h5km, MD3.0
DDA 31 17:30:44.5, 38.70N;44.01E, h2km, MD3.1
CSEM 31 17:30:44.7, 0.5, 38.71N;44.08E, h2km, MD3.0, Error
ellipse: s-maj=10.8km s-min=5.7km az=107.0

ISC 31 17:30:44.6, 1.2, 38.67N;0.02:44.08E;0.03, h2km, 11km,
n45, <1.02/73, 2C-1D, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CLDR Caldiran, VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

2010 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DYDN Diyadin, DYDN Diyadin, DYDN Diyadin, etc.

ISC 31 17:46:02.6, 1.2, 44.85S; 80.66W, h0km, mb4.3/8,
mb1 4.5/9, mb1mx4.1/2.7, mbtmp4.4/9, ML4.6/1, MS3.9/7,
Ms1 3.8/7, ms1mx3.6/2.1, Error ellipse: s-maj=37.5km
s-min=19.2km az=105.0

NEIC 31 17:46:04.0, 0.7, 44.89S; 80.57W, h10km, mb4.5/6, Error
ellipse: s-maj=16.0km s-min=11.3km az=90.0

ISCJB 31 17:46:05.1, 0.7, 44.93S; 0.08:80.7W; 0.1, h33km,
mb4.3/12, MS3.9/6, Error ellipse: s-maj=12.8km
s-min=10.5km az=36.7

ISC 31 17:46:07.2, 0.8, 44.94S; 0.10:80.7W; 0.1, h35km, n19,
<197/17, mb4.3/12, MS3.9/6, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PLCA Paso Flores, PLCA Paso Flores, TRQA Torquai, etc.

ISC 31 17:56:29.9, 3.1, 26.91N;143.59E, h0km, mb3.5/7,
mb1 3.7/8, mb1mx3.5/5, mbtmp3.6/8, ML3.4/1, Error
ellipse: s-maj=127.5km s-min=22.0km az=76.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MJAR Matsushiro Arr, TXAR Lajitas Arr, DBIC Dimokro, etc.

ISC 31 17:57:25.0, 7.0, 26.44N;143.98E, h0km, mb3.8/13,
mb1 4.0/15, mb1mx3.8/5.8, mbtmp3.9/15, ML3.7/2, Error
ellipse: s-maj=21.7km s-min=11.7km az=73.0

NEIC 31 17:57:26.0, 0.4, 21.47N;143.91E, h10km, mb4.5/8, Error
ellipse: s-maj=10.3km s-min=8.0km az=70.0

ISC 31 17:57:27.1, 0.7, 26.5N; 0.1:144.0E; 0.1, h10km, n36,
<0.84/29, mb4.1/19, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

1880

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KSRS Korea Array, KSAR Wonju Array Be, YSRK Ussuriysk Arr, etc.

KLM 31 17:57:50.4, 0.34N; 96.29E, h291km, mb4.2, ML4.3, MS5.1
ISC 31 17:57:50.7, 1.1, 0.87N; 97.48E, h0km, mb4.0/11,
mb1 4.1/12, mb1mx3.8/6.1, mbtmp4.0/12, ML3.9/1, Error
ellipse: s-maj=40.3km s-min=16.6km az=57.0

ISCJB 31 17:57:53.0, 0.7, 0.90N; 0.08:97.49E; 0.08, h27km,
mb4.0/13, Error ellipse: s-maj=13.0km s-min=9.2km
az=42.0

NEIC 31 17:57:56.1, 1.9, 0.88N; 97.40E, h39km, 14km, mb4.0/3,
Error ellipse: s-maj=21.8km s-min=7.3km az=55.0

ISC 31 17:57:54.8, 0.9, 0.87N; 0.08:97.5E; 0.1, h27km, n31,
<0.92/29, mb4.1/13, 5C, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GSI Gunungsitoli, GSI Gunungsitoli, GSI Gunungsitoli, etc.

ISC 31 17:58:42.2, 1.3, 44.91S; 80.80W, h0km, mb4.2/7,
mb1 4.3/8, mb1mx4.0/2.4, mbtmp4.2/8, ML4.3/1, MS3.3/2,
Ms1 3.2/2, ms1mx3.0/2.8, Error ellipse: s-maj=42.3km
s-min=23.4km az=110.0

ISC 31 17:58:47.1, 1.2, 45.0S; 0.2:80.7W; 0.2, h35km, n10,
<192/9, mb4.3/7, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PLCA Paso Flores, PMSA Palmer Station, LVC Limon Verde, etc.

31d 18h

Table with columns: CMAR, Chiang Mai Arr, 53.25, 76, P, P, 18 18 51.5 -0.2. Includes various station codes and coordinates.

MEX 31 18:10.10±0.5, 17.82N×101.45W, h20km, MD3.8, 1D, Near coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res. Includes stations like ZIIG, ARIG, ASAL, etc.

ISC/JB 31 18:13:28.9±0.8, 31.54S±0.03; 69.49W±0.05, h118km, 8km, Error ellipse: s-maj=7.4km s-min=4.1km az=20.1

GUC 31 18:13:28.2±0.3, 31.53S; 69.44W, h129km, 15km, ML3.1 SJA 31 18:13:29.1±0.7, 31.53S; 69.53W, h104km, 4km, ML2.9, MW/0

ISC 31 18:13:29.9±1.6, 31.53S±0.03; 69.52W±0.05, h109km, 13km, n17, c0548/33, San Juan Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res. Includes stations like RTLS, AGRG, PEL, etc.

2010 DEC

Table with columns: AGUA, RCDM, Rinconada Maip, 2.23, 209, eS, Pn, 18 14 33.7 +0.4. Includes various station codes and coordinates.

NEIC 31 18:18:49.4, 15:17N; 61.20W, h145km, mb4.9/131, After TRN.

NEIC Felt at Le Moule, Guadeloupe. BUJ 31 18:18:49.0, 15:10N; 61.40W, h136km, mB5.2/7 TRN 31 18:18:49.9, 15:16N; 61.29W, h144km, MD4.3

MOS 31 18:18:50.3±0.8, 15:23N; 61.45W, h146km, mb4.9/49, Error ellipse: s-maj=6.7km s-min=5.4km az=111.3

BGR 31 18:18:51.3±0.4, 15:14N; 61.34W±0.04, h145km, 3km, h144km; p-P, n793, c0695/878, mb4.9/1212, 33C-47D, Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res. Includes stations like DSHT, DBFT, DSIT, etc.

1882

Table with columns: PTGA, Pitinga, 15.83, 175, ePn, Pn, 18 22 24.0 -2.4. Includes various station codes and coordinates.

31d 19h

2010 DEC

1886

Error ellipse: s-maj=5.3km s-min=2.6km az=172.6
ISC 31 18:46:06.7-1.3, 24.45N:0.04:122.39E:0.02, h65km, 10km,
n43, c0577/80, 3D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like Yonagunijimaku, Yonaguni jima, Nanau, etc.

DDA 31 18:49:31.8, 39.82N, 30.32E, h3km, Md2.7
ISC 31 18:49:32.1-0.3, 39.83N:0.02:30.32E:0.02, h0km, Error
ellipse: s-maj=3.3km s-min=2.5km az=24.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like BORA, BORA, BORA, etc.

SPCR Spurr Chakacha 3.58 31 P Pn 19 01 33.5 +1.4
BGL Barrier Glacier 3.58 30 P Pn 19 01 33.8 +1.6
CKN Chakachata No 3.61 31 P Pn 19 01 33.8 +1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like SPCR, BGL, CKN, etc.

ISC 31 19:01:44.0-5.7, 19.95S:167.77E, h0km, mb3.8/4,
mb1 4.0/5, mb1mx3.7/39, mbtmp3.8/5, ML3.3/1, Error
ellipse: s-maj=119.1km s-min=32.4km az=101.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like DZM, DZM, DZM, etc.

MAN 31 19:07:03.9:66N:125.97E, h10km, mb4.3, ML3.1, MS2.9,
Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like SCPH, SCPH, SCPH, etc.

AUST 31 19:14:55.0:2.4, 5.58N:126.51E, h52km, Error ellipse:
s-maj=2.8km s-min=1.5km az=250.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like GSPH, GSPH, GSPH, etc.

ISC 31 18:46:07.3-7.5, 26.89N:144.17E, h0km, mb3.4/3,
mb1 3.6/4, mb1mx3.3/29, mbtmp3.4/4, ML3.7/1, Error
ellipse: s-maj=275.2km s-min=29.7km az=74.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like MJAR, MJAR, MJAR, etc.

DDA 31 19:00:36.5-0.2, 58.22N:104.156W:0.06,
h157km, 2km, mb3.7/10, Error ellipse: s-maj=6.1km
s-min=3.4km az=135.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like SIAK, SIAK, SIAK, etc.

ISC 31 19:00:37.4-1.7, 58.44N:156.14W, h146km, 16km,
mb3.5/11, mb1 3.7/13, mb1mx3.3/56, mbtmp4.0/13, Error
ellipse: s-maj=32.4km s-min=17.3km az=170.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like CNTC, CNTC, CNTC, etc.

NEIC 31 19:02:39.1, 58.19N:156.06W, h146km, MG3.7(AEIC),
Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like CNTC, CNTC, CNTC, etc.

31d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like MDUB, SMG, PAIG, SRS, etc.

2010 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like MLR, Muntele Rosu, Muntele Rosu, etc.

1888

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like NIUE, DZM, URZ, EIDS, etc.

ISCJB 31.21.15:12.6:1.0, 12.1N:0.2:44.0E:0.1, h4km, mb3.6/9, MS3.2/6, Error ellipse: s-maj=27.8km s-min=8.3km

ISC 31.21:15:13.5:1.3, 11.99N:43.92E, h0km, mb3.7/9, mb1.3/8.9, mb1mx3.6/39, mbmtpp3.7/9, MS3.2/9, Ms1 3.2/9, mb1mx3.0/42, Error ellipse: s-maj=35.0km s-min=17.4km

ISC 31.21:15:14.0:1.1, 12.0N:0.2:43.9E:0.1, h4km, n17, @1516/13, mb3.8/9, MS3.1/6, Ethiopia

ISCJB 31.21:15:12.6:1.0, 12.1N:0.2:44.0E:0.1, h4km, mb3.6/9, MS3.2/6, Error ellipse: s-maj=27.8km s-min=8.3km

ISC 31.21:15:13.5:1.3, 11.99N:43.92E, h0km, mb3.7/9, mb1.3/8.9, mb1mx3.6/39, mbmtpp3.7/9, MS3.2/9, Ms1 3.2/9, mb1mx3.0/42, Error ellipse: s-maj=35.0km s-min=17.4km

ISC 31.21:15:14.0:1.1, 12.0N:0.2:43.9E:0.1, h4km, n17, @1516/13, mb3.8/9, MS3.1/6, Ethiopia

ISCJB 31.21:15:12.6:1.0, 12.1N:0.2:44.0E:0.1, h4km, mb3.6/9, MS3.2/6, Error ellipse: s-maj=27.8km s-min=8.3km

ISC 31.21:15:13.5:1.3, 11.99N:43.92E, h0km, mb3.7/9, mb1.3/8.9, mb1mx3.6/39, mbmtpp3.7/9, MS3.2/9, Ms1 3.2/9, mb1mx3.0/42, Error ellipse: s-maj=35.0km s-min=17.4km

ISC 31.21:15:14.0:1.1, 12.0N:0.2:43.9E:0.1, h4km, n17, @1516/13, mb3.8/9, MS3.1/6, Ethiopia

ISCJB 31.21:15:12.6:1.0, 12.1N:0.2:44.0E:0.1, h4km, mb3.6/9, MS3.2/6, Error ellipse: s-maj=27.8km s-min=8.3km

ISC 31.21:15:13.5:1.3, 11.99N:43.92E, h0km, mb3.7/9, mb1.3/8.9, mb1mx3.6/39, mbmtpp3.7/9, MS3.2/9, Ms1 3.2/9, mb1mx3.0/42, Error ellipse: s-maj=35.0km s-min=17.4km

ISC 31.21:15:14.0:1.1, 12.0N:0.2:43.9E:0.1, h4km, n17, @1516/13, mb3.8/9, MS3.1/6, Ethiopia

ellipse: s-maj=35.8km s-min=20.2km az=85.0
 ISC 31 21:17:50.0+1.3, 26.5N, 01:144.7E, 0.2, h10km, n8,
 #15077, mb3.5, 6, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
MJAR	Matsushiro Arr	11.24	335	P	21 20 29.6	-1.1
USRK	Ussuriysk Arr.	20.23	334	P	21 22 56.4	-0.8
SONM	Songino Array	36.36	316	P	21 24 55.7	+1.3
CMAR	Chiang Mai Arr	41.29	329	P	21 25 44.0	-0.3
WRA	Warramunga Arr	47.08	193	P	21 26 21.1	-1.1
ASAR	Alice Springs	50.75	192	P	21 26 51.2	+0.5
MKAR	Makanchi Array	52.20	310	P	21 27 01.4	+0.3
ILAR	Eielson Array	57.46	28	P	21 27 38.9	+0.1

IDC 31 21:22:35.9±2.9, 4.38N, 126.81E, h0km, mb3.4/3,
 mb1 3.5/3, mb1mx3.3/3, mbt3.4/3, Error ellipse:
 s-maj=260.2km s-min=26.5km az=66.0, Talaud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
WRA	Warramunga Arr	25.27	163	P	21 20 03.8	-0.3
ASAR	Alice Springs	28.72	166	P	21 28 35.4	+0.2
MKAR	Makanchi Array	57.07	325	P	21 32 23.9	-0.1

ISC/JB 31 21:34:56.2±0.5, 27.36N, 0:06:143.49E, 0.7, h10km,
 mb4.0/17, Error ellipse: s-maj=9.6km s-min=8.3km
 az=141.2

IDC 31 21:34:56.8±1.1, 27.35N, 143.44E, h0km, mb3.6/8,
 mb1 3.9/9, mb1mx3.7/9, mbt3.6/9, ML3.9/1, Error
 ellipse: s-maj=27.2km s-min=25.6km az=74.0,
 NEIC 31 21:34:57.0±1.1, 27.36N, 143.46E, h4km, 12km, mb4.3/9,
 Error ellipse: s-maj=11.4km s-min=6.9km az=77.0

ISC 31 21:34:58.0±0.7, 27.33N, 0:08:143.45E, 0.09, h10km, n24,
 #0883/25, mb4.2/17, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
CBIJ	Chichi jima	1.15	259	ePg	21 35 19.3	-0.8
MJAR	Matsushiro Arr	11.24	335	ePn	21 35 37.1	+1.1
MAJO	Matsushiro	11.00	335	ePn	21 37 24.1	-0.5
GUMO	Guam	13.73	174	ePn	21 38 13.1	+0.2
INCN	Inchon	17.41	310	ePn	21 39 00.4	-0.7
USRK	Ussuriysk Arr.	19.20	334	P	21 39 24.5	+1.6
PET	Petrovsk	28.05	20	P	21 40 49.5	+0.1
SONM	Songino Array	35.33	315	P	21 41 54.5	+0.9
YAKU	Yakutsk	35.90	349	eP	21 41 57.3	-0.7
CMAR	Chiang Mai Arr	41.76	267	P	21 42 47.1	-0.6
WRAB	Tonnant Creek	47.80	192	eP	21 43 35.3	-0.5
WRA	Warramunga Arr	47.81	192	P	21 43 36.7	+0.8
ZALV	Zalesovo Beam	50.05	319	P	21 43 52.4	-0.3
MKAR	Makanchi Array	51.20	309	P	21 44 01.3	-0.2
KURK	Kurchatov	53.63	314	eP	21 44 19.9	+0.5
RSD	Redout South	53.75	33	eP	21 44 20.6	+0.1
AAK	Ala-Archa	57.05	305	eP	21 44 44.5	-0.1
ARU	Arti	64.93	322	eP	21 45 37.8	+0.2
YKA	Yellowknife Ar	71.40	29	P	21 46 18.4	+0.3
FINES	FINES Array B	76.23	334	P	21 46 58.1	+0.4
NVAR	Mina Array Bea	79.49	52	P	21 47 05.4	+0.1
DUG	Dugway	82.43	49	eP	21 47 21.2	+0.3
SDCO	Great Sand Dun	88.47	48	eP	21 47 49.2	-0.5
LVC	Limon Verde	150.34	88	ePKPdf	21 54 45.7	+0.4

ISC/JB 31 21:54:06.3±0.9, 27.4N, 0:1:143.5E, 0.2, h10km, mb3.6/7,
 Error ellipse: s-maj=30.1km s-min=14.9km az=170.5
 IDC 31 21:54:06.8±1.0, 27.36N, 143.47E, h0km, mb3.5/7,
 mb1 3.7/9, mb1mx3.5/4, mbt3.6/9, ML3.0/2, Error
 ellipse: s-maj=35.1km s-min=19.5km az=87.0
 ISC 31 21:54:08.4±1.2, 27.4N, 0:1:143.4E, 0.3, h10km, n9,
 #0569/9, mb3.5/7, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
MJAR	Matsushiro Arr	10.14	335	P	21 56 33.2	-0.9
USRK	Ussuriysk Arr.	19.14	334	P	21 58 33.5	+1.0
SONM	Songino Array	35.28	315	P	22 01 03.2	-0.3
WRA	Warramunga Arr	47.87	192	P	22 02 46.6	0.0
MKAR	Makanchi Array	51.15	309	P	22 03 11.9	+0.3
ASAR	Alice Springs	51.58	191	P	22 03 14.6	-0.4
ILAR	Eielson Array	56.93	29	P	22 03 52.9	-0.6
INK	Inuk	62.31	25	P	22 04 31.0	+0.6
FINES	FINES Array B	77.17	334	P	22 06 08.0	+0.3

BUJ 31 22:04:40.4, 11.76N, 43.83E, h9km, mb4.7/35, mb5.3/25,
 Ms5.0/14, Ms7.4/5/16
 IDC 31 22:04:41.6±0.7, 11.84N, 43.98E, h0km, mb4.4/20,
 mb1 4.5/23, mb1mx4.3/36, mbt3.6/4, ML3.8/2, MS4.1/22,
 Ms1.4/1, 22, ms1mx4.0/37, Error ellipse: s-maj=13.5km
 s-min=11.9km az=142.0

ISC/JB 31 22:04:41.4±0.3, 11.86N, 0:04:44.04E, 0.03, h4km,
 mb4.7/73, MS4.2/26, Error ellipse: s-maj=6.0km
 s-min=3.8km az=169.9
 MOS 31 22:04:43.0±0.9, 11.89N, 44.04E, h14km, mb5.0/37,
 MS4.1/4, Error ellipse: s-maj=10.6km s-min=5.0km
 az=93.9

NEIC 31 22:04:44.0±0.3, 11.88N, 44.06E, h10km, mb4.8/22, Error
 ellipse: s-maj=6.8km s-min=5.3km az=143.0
 CSEM 31 22:04:44.6±0.2, 11.90N, 44.05E, h10km, mb4.7/33, Error
 ellipse: s-maj=7.5km s-min=6.0km az=157.0

ISC 31 22:04:43.4±0.1, 11.91N, 0:06:44.04E, 0.05, h4km, n357,
 #1508/368, mb4.6/73, MS4.1/26, 42C-34D, Western Gulf of
 Aden

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
ATD	Art Tunnel	12.3	252	Pn	22 05 03.5	-3.5
ATD	Furi	6.06	241	eS	22 05 21.1	-1.8
FURI	Furi	6.06	241	ePn	22 06 16.0	+1.8
FURI	Furi	6.06	241	ePn	22 08 00.4	+2.1
FURI	Furi	6.06	241	ePn	22 06 15.8	+1.6
RAYN	Ar Rayn	11.64	7	ePn	22 07 13.0	+0.6
RAYN	Ar Rayn	11.64	7	ePn	22 07 31.0	+0.6
KMBO	Kilima Mbogo	14.60	208	ePn	22 08 08.2	-3.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KMBO	Kilima Mbogo	14.60	208	ePn	22 12 24.4	
KMBO	Kilima Mbogo	14.60	208	ePn	22 13 42.9	
KMBO	Kilima Mbogo	14.60	208	ePn	22 08 10.1	-1.1
KMBO	Kilima Mbogo	14.60	208	ePn	22 08 10.1	-1.1
ASUD	Al Ashush, Dubay	16.57	39	iP	22 08 39.8	+0.5
FAQ	Faqa, Dubai	16.82	39	iPn	22 08 39.4	-0.5
NAZ	Nazwa, Dubai	17.04	39	iPn	22 08 42.7	0.0
ASHO	Ashtiyah	17.06	40	iPn	22 08 41.4	-1.7
HATD	Hatta, Dubai	17.21	40	iPn	22 08 44.2	-0.6
UOSS	Wadi Hilu	17.34	40	ePn	22 08 45.9	-0.6
UOSS	Wadi Hilu	17.34	40	ePn	22 08 45.9	-0.6
WSAR	Wadi Sarin	17.88	49	P	22 08 50.0	-3.3
WSAR	Jabal al Asfar	21.24	343	P	22 12 14.7	+1.5
BANOM	Banama	18.11	381	iPn	22 08 55.1	-1.0
MBAR	Masara	18.14	228	P	22 08 54.2	-2.4
IKAZ	Kazeroun	19.21	21	eP	22 09 08.8	+0.1
IKAZ	Kazeroun	19.21	21	eP	22 09 08.9	+0.1
ISRV	Sarvestan	19.33	25	eP	22 09 08.5	-1.7
ISRV	Sarvestan	19.33	25	eP	22 09 08.5	-1.7
EIL	Eilat	19.59	336	P	22 09 10.9	-1.7
EIL	Eilat	19.59	336	P	22 14 59.9	
IPAR	IPAR	19.71	24	eP	22 09 11.5	-2.8
ASF	Asfar	21.24	343	P	22 09 30.6	+0.3
MMAI	Mount Meron Ar	22.45	341	P	22 09 44.1	+0.5
IRAZ	Razeghan	24.00	12	eP	22 09 59.2	-0.3
IRAZ	Razeghan	24.00	12	eP	22 09 59.2	-0.3
IVRN	Varamin	24.02	16	eP	22 09 59.3	-0.3
IVRN	Varamin	24.02	16	eP	22 10 06.0	+0.7
IKOO	Kooshah	24.62	32	eP	22 10 06.2	+0.6
IKOO	Kooshah	24.62	32	eP	22 10 06.2	+0.6
IDMV	Damavand	24.65	16	eP	22 10 06.2	+0.6
IDMV	Damavand	24.65	16	eP	22 10 07.7	+0.2
ITEG	Tejeb	24.87	31	eP	22 10 07.7	+0.2
IFIR	Firoozkoo	24.91	17	eP	22 10 09.4	+1.5
IFIR	Firoozkoo	24.91	17	eP	22 10 09.4	+1.5
ISHM	Shahmirzad	25.23	18	eP	22 10 09.3	-1.4
IDAH	Dahanehchah	25.32	13	eP	22 10 14.0	+2.4
GNI	Garni	28.14	1	P	22 10 37.0	+0.1
GNI	Garni	28.14	1	eP	22 10 36.9	+0.1
GNI	Garni	28.14	1	eP	22 10 36.9	+0.1
GNI	Garni	28.14	1	eP	22 10 42.3	-0.4
GEYT	Alibeck	28.81	24	P	22 10 42.3	-0.4
GEYT	Alibeck	28.81	24	P	22 23 56.6	
BRTR	Keskin Array B	29.20	343	P	22 10 46.9	+0.6
BRTR	Keskin Array B	29.20	343	P	22 10 46.9	+0.6
BRTR	Keskin Array B	29.20	343	P	22 10 49.4	+1.4
BRTR	Keskin Array B	29.20	343	P	22 10 49.4	+1.4
AKH	Akhalkalaki	29.39	359	P	22 10 49.7	+1.7
AKH	Akhalkalaki	29.39	359	P	22 10 49.4	+1.4
AKH	Akhalkalaki	29.39	359	P	22 10 49.7	+1.7
AKH	Akhalkalaki	29.39	359	P	22 10 49.4	+1.4
DGRG	David-gareji	29.45	2	P	22 10 47.7	-0.7
DGRG	David-gareji	29.45	2	P	22 10 47.7	-0.7
ANTO	Ankara	29.58	342	eP	22 10 49.6	+0.1
ANTO	Ankara	29.58	342	eP	22 10 49.6	+0.1
ANTO	Ankara	29.58	342	eP	22 10 49.6	+0.1
ANTO	Ankara	29.58	342	eP	22 10 49.6	+0.1
TBLG	Delisi	29.72	1	P	22 11 02.5	+1.2
TBLG	Delisi	29.72	1	P	22 10 52.5	+1.8
TBLG	Delisi	29.72	1	P	22 11 02.5	+1.2
ONI	Oni	30.57	359	P	22 11 02.2	+1.9
ZEI	Tsey	30.77	360	eP	22 11 01.3	+1.1
NEY	Neytrino	31.25	358	eP	22 11 05.9	+1.5
KEY	Khabaz	31.72	358	P	22 11 09.2	+1.0
KBZ	KBZ	31.78	354	eP	22 24 38.8	
SOC	Sochi	31.78	354	eP	22 11 12.9	+0.4
SOC	Sochi	31.78	354	eP	22 12 26.2	
SOC	Sochi	31.78	354	eP	22 16 27.4	+7.8
SOC	Sochi	31.78	354	eP	22 18 05.5	-1.0
KIV	Kislovodsk	31.95	358	eP	22 11 11.6	+1.1
KIV	Kislovodsk	31.95	358	eP	22 11 12.0	+1.5
KIV	Kislovodsk	31.95	358	eP	22 11 10.8	+0.3
KIV	Kislovodsk	31.95	358	eP	22 11 10.8	+0.3
KBL	Kabul	32.01	41	eP	22 11 12.8	+1.5

31d 22h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KKN, PKIN, PKI, STHS, etc.

2010 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL, FELD, BBS, etc.

1890

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HHC, HHC, HHC, etc.

CSEM 31 22:07:39.7, 0.2, 39.37N, 33.19E, h8km, MD2.7, Error ellipse: s-maj=5.1km s-min=1.7km az=112.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AFSR, AFSR, AFSR, etc.

IDC 31 22:32:10.8, 0.9, 24.11N, 176.40W, h0km, mb4, 0/6, m1 4.3/8, mb1mx3.9/49, mbtm3.4/28, ML4.9, MS4.0/1, Ms1 4.0/1, ms1mx2.9/30, Error ellipse: s-maj=26.4km s-min=20.6km az=122.0

ISCJB 31 22:32:14.0, 0.6, 24.12S, 0.06E, 176.40W, 0.10, h35km, mb4.2/10, MS4.0/1, Error ellipse: s-maj=13.6km s-min=8.5km az=21.1

NEIC 31 22:32:13.3, 3.3, 24.05S, 176.38W, h18km, 21km, mb4.5/6, Error ellipse: s-maj=10.8km s-min=7.4km az=130.0

ISC 31 22:32:15.6, 0.6, 24.07S, 0.07E, 176.40W, 0.1, h35km, n21, e0742/22, mb4.3/10, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RAO, RAO, RAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NEY Neytrino, IPAR Pars, ISRV Garvevan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BGU Big Grassy Mtn, AHID Auburn Hatcher, CUSAR Sarkisla-SIVAS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAYN Ar Rayn, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNF Senefte, ANMO Albuquerque, BFO Black Forest, etc.

ISCJB 31 23:08:27.6±0.8, 10.87N, 0.04±62.16W, 0.04, h95km, 7km, Error ellipse: s-maj=7.9km s-min=6.3km az=43.7

FUNUV 31 23:08:29.2, 10.89N, 62.09W, h89km, MWV2.8

TRN 31 23:08:30.2, 10.94N, 62.11W, h80km, MD3.0

ISC 31 23:08:27.0±1.4, 10.87N, 0.05±62.15W, 0.04, h105km, 9km, n12, r173/24, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUVI Guiria, TCE Chacachacare, TRN Trinidad (W), etc.

ISCJB 31 23:18:10.7±0.6, 26.63N, 0.07±142.99E, 0.09, h10km, mb4.4/15, Error ellipse: s-maj=13.7km s-min=7.2km az=141.4

ISC 31 23:18:11.4±3.3, 26.63N, 142.91E, h0km, mb3.9/2, mb1mx3.4/0.3, mb1mx3.4/0.3, mbtimp3.8/3, ML3.4/1, Error ellipse: s-maj=27.1km s-min=30.0km az=83.0

NEIC 31 23:18:12.7±0.3, 26.62N, 142.94E, h10km, mb4.1/11, Error ellipse: s-maj=9.8km s-min=5.5km az=71.0

ISC 31 23:18:12.6±0.7, 26.62N, 0.09±143.0E, 0.1, h10km, n19, r0540/20, mb4.2/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBUJ Chichi jima, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

ISC 31 23:18:37.1±3.2, 26.26N, 60.30E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.3/4.2, mbtimp3.5/4, Error ellipse:

s-maj=75.1km s-min=32.7km az=153.0 THR 31 23:18:41.4±0.4, 29.27N, 60.02E, h15km, ML3.9, ISCJB 31 23:18:42.6±0.8, 29.25N, 0.06±60.07E, 0.10, h10km, mb3.4/4, Error ellipse: s-maj=13.3km s-min=8.1km az=26.0

CSEM 31 23:18:42.9±0.7, 29.27N, 60.11E, h10km, ML3.9, Error ellipse: s-maj=22.3km s-min=13.0km az=107.0

TEH 31 23:18:43.3±0.2, 29.28N, 60.04E, h7km, ML3.9

ISC 31 23:18:45.4±1.3, 29.34N, 0.06±59.88E, 0.07, h10km, n35, r148/30, mb3.4/4, 2Z, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHMN Cheshme madani, NGRK Negar Kerman, KRBR Kerman, etc.

ISCJB 31 23:30:26.1±0.8, 4.9N, 0.2±127.7E, 0.2, h108km, mb3.6/6, Error ellipse: s-maj=39.4km s-min=9.4km az=145.1

ISC 31 23:30:26.5±3.7, 5.00N, 127.75E, h96km, 33km, mb3.4/6, mb1.3/5.7, mb1mx3.3/3.9, mbtimp3.7/7, Error ellipse: s-maj=71.0km s-min=14.3km az=67.0

ISC 31 23:30:27.9±0.9, 5.00N, 0.2±127.7E, 0.3, h108km, n7, r145/10, mb3.6/6, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 31 23:40:44.3±0.9, 11.14N, 124.27E, h0km, mb3.7/9, mb1.3/8.9, mb1mx3.6/4.5, mbtimp3.7/9, MS2.8/2, Ms1.2.9/2, ms1mx2.6/3.4, Error ellipse: s-maj=38.7km s-min=18.9km az=69.0

ISCJB 31 23:40:45.0±0.5, 11.31N, 0.05±124.67E, 0.06, h15km, mb3.7/9, MS2.6/1, Error ellipse: s-maj=8.5km s-min=6.4km az=163.9

MAN 31 23:40:48, 12.27N, 124.44E, h15km, mb5.2, ML4.2, MS4.4

MAN INTENSITY III - LEYTE LEYTE

ISC 31 23:40:46.1±0.7, 11.29N, 0.05±124.64E, 0.06, h15km, n27, r0592/27, mb3.8/9, 3C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLP Palo, LLLP Lapu-Lapu, MMHP Masbate, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PKIN Phulchoki, KKN Kakani, DMN Daman, etc.

ISCJB 31 23:45:55.3±0.7, 27.0N, 0.1±143.8E, 0.1, h10km, mb3.7/12, Error ellipse: s-maj=18.1km s-min=14.6km az=161.1

ISC 31 23:45:55.4±0.8, 27.01N, 143.75E, h0km, mb3.7/12, mb1.3/9.15, mb1mx3.8/4.4, mbtimp3.8/15, ML3.3/3, Error ellipse: s-maj=21.7km s-min=19.1km az=91.0

ISC 31 23:45:57.0±0.9, 27.1N, 0.1±143.7E, 0.2, h10km, n15, r0582/17, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, USRK Ussuriysk Arr, etc.

ISCJB 31 23:45:55.3±0.7, 27.0N, 0.1±143.8E, 0.1, h10km, mb3.7/12, Error ellipse: s-maj=18.1km s-min=14.6km az=161.1

ISC 31 23:45:55.4±0.8, 27.01N, 143.75E, h0km, mb3.7/12, mb1.3/9.15, mb1mx3.8/4.4, mbtimp3.8/15, ML3.3/3, Error ellipse: s-maj=21.7km s-min=19.1km az=91.0

ISC 31 23:45:57.0±0.9, 27.1N, 0.1±143.7E, 0.2, h10km, n15, r0582/17, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, INK Inuvik, NVAR Mina Array Bea, etc.

ISCJB 31 23:45:55.3±0.7, 27.0N, 0.1±143.8E, 0.1, h10km, mb3.7/12, Error ellipse: s-maj=18.1km s-min=14.6km az=161.1

ISC 31 23:45:55.4±0.8, 27.01N, 143.75E, h0km, mb3.7/12, mb1.3/9.15, mb1mx3.8/4.4, mbtimp3.8/15, ML3.3/3, Error ellipse: s-maj=21.7km s-min=19.1km az=91.0

ISC 31 23:45:57.0±0.9, 27.1N, 0.1±143.7E, 0.2, h10km, n15, r0582/17, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, USRK Ussuriysk Arr, etc.

ISC Computed Locations for December 2010

