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

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Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

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

NVS	Novosibirsk	63.44 326	eP	P	00 40 33.9	-0.5
NVS	comp=N, 4.0nm, 1.0s		pmax	pmax		
NVS	comp=Z, 12nm, 1.0s					
NVS	comp=E, 9.0nm, 1.0s					
KURK	Kurchatov	65.09 321	eP	P	00 40 45.2	-0.1
KURK	comp=Z, 147nm, 1.2s		pmax	pmax		
KURK	Kurchatov	65.09 321	eP	P	00 40 45.1	-0.2
KURK	comp=Z, 26nm, 0.8s					
KURBB	Kurchatov Arra	65.13 320	P	P	00 40 45.3	-0.3
KURBB	comp=Z, 17nm, 0.8s, baz=108, slow=7, SNR=7.2					
KSH	Kashi	65.33 308	iP	P	00 40 50.0	+2.7
KSH			pP	P	00 40 56.7	+0.8
KSH			PcP	P	00 41 23.3	+3.9
KSH			PP	P	00 43 17.8	+6.7
KSH			PcS	S	00 45 25.4	+0.4
KSH			S	S	00 49 32.4	+2.7
KSH			SS	S	00 49 43.7	-0.3
KSH			SS	S	00 50 41.4	+0.3
KSH			SS	S	00 53 49.4	+6.5
KSH	comp=Z, 10.0nm, 1.0s		pmax	pmax		
KSH	comp=Z, 92nm, 5.4s					
KSH	comp=Z, 190nm, 5.4s					
KSH	comp=Z, 120nm, 5.4s					
KSH	comp=Z, 170nm, 5.7s					
KDAK	Kodiak Island	66.03 320	eP	P	00 40 53.8	+2.6
AAK	Ala-Archa	66.71 311	iP	P	00 40 56.2	0.0
AAK	comp=Z, 9.0nm, 2.2s					
AAK	Ala-Archa	66.71 311	eP	P	00 40 56.1	0.0
AAK	comp=Z, 2.2nm, 1.1s					
SFK	Sufi-Kurgan	67.26 308	P	P	00 41 00.5	+0.7
SFK	comp=Z, 6.0nm, 1.0s					
CAST	Castle Rocks	67.93 26	eP	P	00 41 03.3	-0.1
IMAR	Indian Mountain	68.11 23	eP	P	00 41 03.8	-0.5
RC01	Rabbit Creek A	68.32 29	eP	P	00 41 05.0	-0.8
KTH	Kantishna Hill	68.47 26	eP	P	00 41 06.2	-0.5
KTH	comp=Z, 15nm, 1.0s					
BPAW	Bear Paw Mtn.	68.61 25	eP	P	00 41 07.4	-0.2
BPAW	comp=Z, 18nm, 1.0s					
TRF	Thorofare Moun	68.71 26	eP	P	00 41 07.5	-0.9
TRF	comp=Z, 11nm, 0.9s					
MLY	Manley	68.99 24	eP	P	00 41 10.0	+0.1
MLY	comp=Z, 18nm, 1.0s					
SML	Sawmill	69.16 28	eP	P	00 41 10.7	-0.3
SML	comp=Z, 41nm, 1.2s		pmax	pmax		
SML	Sawmill	69.16 28	eP	P	00 41 10.7	-0.3
SML	comp=Z, 41nm, 1.2s					
SCM	Sheep Creek Mo	69.62 28	eP	P	00 41 14.4	+0.4
SCM	comp=Z, 46nm, 1.1s		pmax	pmax		
SCM	Sheep Creek Mo	69.62 28	eP	P	00 41 14.4	+0.4
SCM	comp=Z, 46nm, 1.1s					
KKAR	Karatay Array	69.66 312	eP	P	00 41 14.7	+0.2
KKAR	comp=Z, 66nm, 0.9s		pmax	pmax		
KKAR	Karatay Array	69.66 312	eP	P	00 41 14.7	+0.2
KKAR	comp=Z, 66nm, 0.9s					
COLD	Coldfoot	69.86 22	eP	P	00 41 15.9	+0.7
COLD	comp=Z, 9nm, 0.8s					
MDM	Murphy Dome	69.99 25	eP	P	00 41 16.2	+0.2
MDM	comp=Z, 11nm, 0.9s					
CDB	Clear Creek Bu	70.09 25	eP	P	00 41 15.9	-0.7
CDB	comp=Z, 11nm, 1.1s					
HCA	Harding Lake	70.39 26	eP	P	00 41 17.1	-1.4
HCA	comp=Z, 10nm, 0.9s					
BVAR	Borovoye Array	70.49 322	P	P	00 41 19.2	-0.2
BVAR	comp=Z, 12nm, 0.4s, baz=107, slow=8.2, SNR=10.1					
ILAR	Eielsen Array	70.50 25	P	P	00 41 17.3	-1.9
ILAR	comp=Z, 6.4nm, 0.7s, baz=253, slow=4.7, SNR=11					
IL1	Eielsen Array	70.50 25	eP	P	00 41 17.0	-2.1
BRVK	Borovoye	70.56 322	eP	P	00 41 19.8	+0.1
BRVK	comp=Z, 33nm, 0.6s		pmax	pmax		
BRVK	Borovoye	70.56 322	eP	P	00 41 19.7	0.0
BRVK	comp=Z, 33nm, 0.6s					
PAX	Paxson	70.72 27	eP	P	00 41 20.5	-0.1
PAX	comp=Z, 21nm, 1.3s		pmax	pmax		
PAX	Paxson	70.72 27	eP	P	00 41 20.5	-0.1
PAX	comp=Z, 21nm, 1.3s					
KBL	Kabul	70.73 303	eP	P	00 41 21.0	-0.5
KBL	comp=Z, 12nm, 0.9s		pmax	pmax		
KBL	Kabul	70.73 303	eP	P	00 41 21.0	-0.5
KBL	comp=Z, 12nm, 0.9s					
DOT	Dot Lake	71.47 27	eP	P	00 41 24.8	-0.3
DOT	comp=Z, 42nm, 0.9s					
FYU	Fort Yukon	71.58 23	eP	P	00 41 26.4	+0.7
FYU	comp=Z, 80nm, 1.3s					
EGAK	Eagle	72.91 26	eP	P	00 41 34.1	+0.4
DAWY	Dawson	73.58 27	eP	P	00 41 38.3	+0.6
DAWY	comp=Z, 31nm, 1.3s					
HYT	Haines Junction	74.16 30	eP	P	00 41 42.7	+1.4
HYT	comp=Z, 19nm, 1.1s					
WHY	Whitehorse	75.44 30	eP	P	00 41 49.5	+0.9
WHY	comp=Z, 69nm, 1.8s					
INK	Inuvik	76.28 22	eP	P	00 41 52.4	-0.8
INK	comp=Z, 23nm, 1.0s, baz=262, slow=6.7, SNR=8.1					
INK	Inuvik	76.28 22	eP	P	00 41 52.6	-0.5
INK	comp=Z, 35nm, 1.1s		pmax	pmax		
INK	Inuvik	76.28 22	eP	P	00 41 52.6	-0.5
INK	comp=Z, 35nm, 1.1s					
SVE	Sverdlouvs	76.28 326	eP	P	00 41 53.3	-0.1
SVE	comp=Z, 15nm, 1.0s		pmax	pmax		
ABKAR	Akbulak array	76.97 318	eP	P	00 41 57.0	-0.5
ABKAR	comp=Z, 109nm, 0.5s					
ARU	Arti	77.44 325	eP	P	00 41 59.3	-0.6
ARU	comp=Z, 21nm, 1.2s					
ARU	Arti	77.44 325	eP	P	00 41 59.4	-0.5
ARU	comp=Z, 12nm, 0.7s					
DLBC	Dease Lake	77.94 32	eP	P	00 42 03.9	+1.1
DLBC	comp=Z, 16nm, 1.1s					
AKTO	Aktyubinsk	78.14 319	P	P	00 42 03.4	-0.5
AKTO	comp=Z, 3.7nm, 0.6s, baz=85, slow=12					
GEYT	Alibek	79.30 307	P	P	00 42 11.1	+0.4
GEYT	comp=Z, 8.4nm, 0.8s, baz=75, slow=1.7, SNR=4.7					
LLBL	Lillooet	83.63 40	eP	P	00 42 35.5	+2.2
LLBL	comp=Z, 13nm, 1.0s					
B05A	Bryant	83.94 42	P	P	00 42 35.4	+0.5
B05A	baz=281					
I03D	Drain, OR	83.94 47	P	P	00 42 34.9	-0.1
I03D	baz=281					
L02D	Cave Junction,	84.05 48	P	P	00 42 36.2	+0.6
L02D	baz=281					
KHMM	Horse Mountain	84.19 50	eP	P	00 42 39.0	+2.5
KHMM	comp=Z, 11nm, 0.7s					
D05A	Enumclaw	84.22 43	eP	P	00 42 38.5	+2.1
D05A	comp=Z, 33nm, 1.1s					
B06A	Marblemont	84.29 42	eP	P	00 42 38.8	+2.1
B06A	comp=Z, 14nm, 0.8s					
H0M0	Hull Mountain	84.43 48	eP	P	00 42 39.0	+1.5
H0M0	comp=Z, 11nm, 0.8s					
H04A	Detroit Lake	84.58 46	eP	P	00 42 38.9	+0.6
H04A	comp=Z, 21nm, 1.2s					
I04A	Tendick Farm,	84.59 47	P	P	00 42 38.2	-0.1
I04A	baz=282					
M02C	Callahan	84.74 49	P	P	00 42 39.5	+0.3
M02C	baz=281, SNR=6.5					
YBH	Yreka Blue Hor	84.78 49	eP	P	00 42 40.8	+1.4
YBH	comp=Z, 15nm, 0.7s		pmax	pmax		
YBH	Yreka Blue Hor	84.78 49	eP	P	00 42 40.8	+1.4
YBH	comp=Z, 15nm, 0.7s					
YKW3	Yellowknife Ar	84.78 27	eP	P	00 42 38.4	-0.4
YKW3	comp=Z, 9.9nm, 0.9s					
YKA	Yellowknife Ar	84.80 27	P	P	00 42 38.7	-0.2
YKA	comp=Z, 4.8nm, 0.5s, baz=286, slow=5.1, SNR=11.4					

J04D	Umpqua Nationa	84.92 47	P	P	00 42 40.5	+0.2
J04D	baz=282					
N02D	Trinity Center	84.93 49	P	P	00 42 40.7	+0.5
N02D	baz=282, SNR=5.4					
G05D	Wamic, OR	85.07 45	P	P	00 42 41.6	+0.8
G05D	baz=282					
LTY	Liberty	85.08 43	eP	P	00 42 41.3	+0.5
LTY	comp=Z, 9.4nm, 0.8s					
WDC	Whiskeytown Da	85.13 50	eP	P	00 42 42.2	+1.1
WDC	comp=Z, 7.0nm, 0.8s		pmax	pmax		
WDC	Whiskeytown Da	85.13 50	eP	P	00 42 42.2	+1.1
WDC	comp=Z, 6.7nm, 0.8s					
I05D	Terrace, OR	85.24 46	P	P	00 42 42.3	+0.7
I05D	baz=282					
K04D	Chiloquin, OR	85.30 48	P	P	00 42 42.9	+0.9
K04D	baz=282					
M04C	Macdoel	85.41 48	P	P	00 42 43.3	+0.7
M04C	comp=Z, 2.8nm, 0.6s					
J05D	Fort Rock, OR	85.53 47	P	P	00 42 44.1	+0.8
J05D	baz=282					
B08A	Colville Reser	85.72 42	eP	P	00 42 44.5	+0.6
B08A	comp=Z, 19nm, 0.8s					
O03D	Paynes Creek	85.74 50	P	P	00 42 44.9	+0.7
O03D	baz=282					
HAWA	Hanford	86.04 44	eP	P	00 42 46.4	+0.9
HAWA	comp=Z, 12nm, 0.9s					
ORV	Oroville	86.12 51	eP	P	00 42 48.8	+2.7
ORV	comp=Z, 6.0nm, 0.6s					
ORV	Oroville	86.12 51	eP	P	00 42 48.8	+2.7
ORV	comp=Z, 6.0nm, 0.6s					
D08A	Wollman Farm,	86.29 43	eP	P	00 42 49.0	+2.2
D08A	comp=Z, 23nm, 1.1s					
KLMR	Klimovskoe	86.42 332	eP	P	00 42 44.7	-2.3
KLMR	comp=Z, 15nm, 1.4s		pmax	pmax		
KLMR	Klimovskoe	86.42 332	eP	P	00 42 44.8	-2.3
KLMR	comp=Z, 15nm, 1.4s		AMP	AMP		
MOD	Modoc Plateau	86.50 48	eP	P	00 42 49.2	+1.2
MOD	comp=Z, 3.9nm, 0.6s					
C09A	Chrisman Ranch	86.54 42	eP	P	00 42 48.3	+0.3
C09A	comp=Z, 18nm, 0.8s					
AFDM	Forest Hills D	86.66 51	eP	P	00 42 50.6	+1.9
AFDM	comp=Z, 2.2nm, 0.8s					
G08A	Pilot Rock	86.68 45	eP	P	00 42 49.5	+0.7
G08A	comp=Z, 7.2nm, 0.9s					
BEKR	Beckworth	86.92 50	eP	P	00 42 51.0	+0.8
BEKR	comp=Z, 12nm, 0.7s					
E09A	Wood Farm, Sta	86.94 43	eP	P	00 42 50.9	+1.0
E09A	comp=Z, 1.2nm, 0.8s					
NEW	Newport	87.18 41	P	P	00 42 51.9	+0.8
NEW	comp=Z, 285					
NEW	Newport	87.18 41	P	P	00 42 51.8	+0.7
NEW	comp=Z, 34nm, 0.8s		pmax	pmax		
NEW	Newport	87.18 41	eP	P	00 42 51.8	+0.7
NEW	comp=Z, 34nm, 0.8s					
CMB	Columbia Colle	87.31 52	eP	P	00 42 52.9	+1.0
CMB	comp=Z, 6.0nm, 0.7s		pmax	pmax		
CMB	Columbia Colle	87.31 52	eP	P	00 42 52.9	+1.0
CMB	comp=Z, 6.0nm, 0.7s					
J08A	Circ Bar Ran	87.48 46	eP	P	00 42 53.7	+1.0
J08A	comp=Z, 16nm, 1.0s					
WVOR	Wild Horse Val	87.59 47	eP	P	00 42 54.2	+0.9
WVOR	comp=Z, 17nm, 1.4s		pmax	pmax		
WVOR	Wild Horse Val	87.59 47	eP	P	00 42 54.2	+0.9
WVOR	comp=Z, 17nm, 1.4s					
PNTR	Pine Nut	87.67 51	eP	P	00 42 57.4	+3.5
PNTR	comp=Z, 14nm, 0					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OGNE Ogallala, A33A Warroad, CRVS Cervetica-Dubn, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KECS GO Pecny, GOPC GO Pecny, PRU Pruhonice, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ISKJB 01 00:44:26.0, SFK Sufti-Kurgan, SFK Sufti-Kurgan, etc.

ISC 01 00:36:50.7, 2.0, 12.17N:143.52E, h0km, mb3.8/12, mb1 4.0/12, mb1mx3.7/62, mbtmp3.8/12, Error ellipse: s-maj=50.7km s-min=21.0km az=163.0

ISC/JB 01 00:36:53.2, 1.6, 12.22N:0.2:143.4E, 0.1, h25km, mb3.8/12, Error ellipse: s-maj=38.1km s-min=10.4km az=151.9

ISC 01 00:36:54.9, 1.9, 12.22N:0.3:143.5E, 0.2, h25km, n13, c091/14, mb3.8/12, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, GUMO Guam, MJAR Matsushiro Arr, etc.

ISC 01 00:43:37.2, 0.6, 12.02N:143.61E, h0km, mb4.0/19, mb1 4.2/19, mb1mx3.9/62, mbtmp4.0/19, Error ellipse: s-maj=20.5km s-min=14.8km az=91.0

ISC/JB 01 00:43:39.0, 0.4, 12.03N:0.7:143.46E, 0.0, h25km, mb4.2/29, Error ellipse: s-maj=12.1km s-min=8.3km az=33.6

NEIC 01 00:43:42.8, 0.4, 12.01N:143.54E, h35km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=9.4km az=96.0

ISC 01 00:43:41.2, 0.7, 12.00N:0.1:143.6E, 0.1, h25km, n33, c097/34, mb4.3/29, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Arr, KSRS Kearsarge, etc.

ISK 01 00:47:27.1, 3.8, 56N:43.10E, h17km, MD2.6

CSEM 01 00:47:29.6, 0.3, 38.61N:43.16E, h10km, ML2.4, Error ellipse: s-maj=7.6km s-min=6.8km az=37.0

DDA 01 00:47:30.2, 38.63N:43.18E, h7km, M2.4

ISC 01 00:47:30.1, 1.1, 38.61N:0.0:43.15E, 0.0, h13km, 10km, n12, c074/24, Turkey

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

ISC 01 00:38:44.2, 3.2, 11.99N:143.80E, h58km, 30km, mb3.5/6, mb1 3.7/6, mb1mx3.2/62, mbtmp3.7/6, Error ellipse: s-maj=41.7km s-min=21.0km az=109.0

ISC 01 00:38:40.5, 1.1, 12.02N:0.2:143.8E, 0.2, h26km, n7, c105/9, mb3.6/30, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, SONM Songoing Array, etc.

ISC 01 00:43:42.8, 0.4, 12.01N:143.54E, h35km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=9.4km az=96.0

ISC 01 00:43:41.2, 0.7, 12.00N:0.1:143.6E, 0.1, h25km, n33, c097/34, mb4.3/29, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Arr, KSRS Kearsarge, etc.

ISC 01 00:47:27.1, 3.8, 56N:43.10E, h17km, MD2.6

CSEM 01 00:47:29.6, 0.3, 38.61N:43.16E, h10km, ML2.4, Error ellipse: s-maj=7.6km s-min=6.8km az=37.0

DDA 01 00:47:30.2, 38.63N:43.18E, h7km, M2.4

ISC 01 00:47:30.1, 1.1, 38.61N:0.0:43.15E, 0.0, h13km, 10km, n12, c074/24, Turkey

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

ISC/JB 01 00:41:36.6, 0.4, 50.04N:0.0:18.36E, 0.0, h0km, Error ellipse: s-maj=4.2km s-min=2.2km az=14.4

CSEM 01 00:41:37.4, 0.5, 50.08N:18.41E, h1km, ML2.7/10, Error ellipse: s-maj=4.5km s-min=2.3km az=8.0

VIE 01 00:41:38.9, 1.4, 49.86N:18.47E, h0km, mb1.9/2, ML2.4/5, Error ellipse: s-maj=11.4km s-min=9.2km az=7.0, Suspected Mining induced.

IPEC 01 00:41:38.2, 0.2, 50.04N:18.49E, h0km, 4km, ML2.1/2, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0

PRU 01 00:41:38.7, 5.0, 06N:18.43E, h0km

ISC 01 00:41:38.5, 0.8, 50.05N:0.0:18.45E, 0.0, h0km, n40, c18/17, 5, 4C, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

ISC 01 00:43:42.8, 0.4, 12.01N:143.54E, h35km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=9.4km az=96.0

ISC 01 00:43:41.2, 0.7, 12.00N:0.1:143.6E, 0.1, h25km, n33, c097/34, mb4.3/29, South of Mariana Islands

ISC 01 00:43:42.8, 0.4, 12.01N:143.54E, h35km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=9.4km az=96.0

ISC 01 00:43:41.2, 0.7, 12.00N:0.1:143.6E, 0.1, h25km, n33, c097/34, mb4.3/29, South of Mariana Islands

ISC 01 00:43:42.8, 0.4, 12.01N:143.54E, h35km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=9.4km az=96.0

ISC 01 00:43:41.2, 0.7, 12.00N:0.1:143.6E, 0.1, h25km, n33, c097/34, mb4.3/29, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARU Aru, GEYT Alikek, KEA Yellowknife Arr, etc.

ISC/JB 01 00:50:03.0, 0.1, 11.37S:0.0:166.22E, 0.0, h37km, mb5.1/12, MS4.4/28, Error ellipse: s-maj=4.3km s-min=3.8km az=146.0

MOS 01 00:50:03.4, 0.9, 11.24S:166.14E, h38km, mb5.2/24, Error ellipse: s-maj=9.2km s-min=8.8km az=25.2

ISC 01 00:50:05.6, 2.2, 11.34S:166.24E, h46km, 19km, mb4.4/21, mb1 4.5/23, mb1mx4.5/32, mbtmp4.6/23, ML4.8/2, MS4.3/23, MS1 4.3/23, mb1mx4.2/32, Error ellipse: s-maj=16.4km s-min=12.5km az=94.0

NEIC 01 00:50:08.0, 0.5, 11.37S:166.22E, h68km, 4km, mb5.3/85, Error ellipse: s-maj=3.7km s-min=3.3km az=135.0

GCMT 01 00:50:08.0, 0.1, 11.39S:165.97E, h50km, MW5.3/107, Moment Tensor Solution, s107.c164; s104.c165; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mn:0.96e; 0.2; M0:0.02e; 0.1; M0:0.94e; 0.1; M0:0.4e; 0.1; M0:0.23e; 0.1; M0:0.2e; 0.1; Best double couple: M0:1.000e10 x10^17 Np1:0.352e00000; s51.00000; 7.97e00000; NP2:0.161e00000; s40.00000; s81.00000; Principal axes: T:0.9870, Plg2.0000; Azm301.0000; N:0.0280, Plg5.0000; Azm168.0000; P:-1.0150, Plg6.0000; Azm77.0000; nsta2 refers to surface waves, cutoff=40s.

BUJ 01 00:50:08.0, 10.79S:166.39E, h73km, mb5.0/55, mb5.3/43, MS4.9/32, MS7.4/32

ISC 01 00:50:04.0, 0.3, 11.35S:0.0:166.22E, 0.0, h37km, n292, c1866/309, mb5.0, 12/127, MS4.5/29, 2-C, Santa Cruz Islands

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

KRSC 01 00:43:52.1, 1.4, 49.26N:156.54E, h7km, 18km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Kuril's, PAU Pauthetka, etc.

ISC 01 00:44:25.4, 2.7, 35.97N:71.14E, h87km, 31km, mb3.5/5, mb1 3.4/10, mb1mx3.1/67, mbtmp3.7/10, MS4.0/1, MS1 4.0/1, ms1mx2.4/34, Error ellipse: s-maj=52.0km s-min=21.6km az=153.0

CCB	Clear Creek Bu	83.28	18	eP	P	01 02 26.8	-0.5
MDM	Murphy Dome	83.38	18	eP	P	01 02 26.2	-1.6
HDA	Harding Lake	83.38	19	eP	P	01 02 26.9	-0.9
MENT	Mentasta	83.45	21	eP	P	01 02 28.7	+0.4
N02D	Trinity Center	83.51	46	P	P	01 02 29.5	+0.4
M02C	Callahan	83.55	46	P	P	01 02 30.2	+0.9
ILAR	Eielson Array	83.65	18	P	P	01 02 27.8	-1.4
ILAR	comp-Z,2.4nm,0.6s,baz=254,slow=4.8,SNR=31	LR	LR			01 35 57.8	
ILB	Eielson Array	83.65	18	eP	P	01 02 27.6	-1.6
IL	Eielson Array	83.65	18	eP	P	01 02 27.1	-2.1
DOT	Dot Lake	83.80	20	eP	P	01 02 30.2	+0.2
ORV	Oroville	83.87	48	eP	P	01 02 30.4	-0.5
ORV	comp-Z,19nm,1.8s						
ORV	Oroville	83.87	48	eP	P	01 02 30.4	-0.5
AFDM	Forest Hills D	84.05	49	eP	P	01 02 32.2	+0.3
M0Y	Mondak	84.09	325	eP	P	01 02 31.6	-0.3
CMB	Columbia Colle	84.18	50	eP	P	01 02 31.8	-0.8
CMB	comp-Z,19nm,1.8s						
MWB	Columbia Colle	84.18	50	eP	P	01 02 31.8	-0.8
MWB	comp-Z,19nm,1.8s						
MAW	Mawson	84.61	202	P	P	01 02 33.9	-0.3
MAW	comp-Z,1.8nm,0.9s,baz=90,slow=7.1,SNR=4.0	LR	LR			01 34 17.3	
BEKR	Beckworth	84.81	48	eP	P	01 02 36.1	+0.2
EDW2	Edwards Air Fo	85.03	53	P	P	01 02 36.1	-0.8
MDPB	Devils Postpil	85.03	50	eP	P	01 02 37.1	-0.1
WAKR	Walker	85.04	49	eP	P	01 02 37.8	+0.7
TAPN	Tapeljung	85.16	299	eP	P	01 02 38.1	0.0
ODAN	Odare	85.31	298	eP	P	01 02 38.5	-0.2
J05D	Fort Rock, OR	85.34	44	P	P	01 02 38.8	+0.3
CWC	Cottonwood Cre	85.43	52	P	P	01 02 39.1	+0.1
LRMC	Laurel Mtn Rad	85.45	53	P	P	01 02 39.0	-0.1
PAHR	Pah Rang Range	85.47	48	eP	P	01 02 39.6	+0.5
EGAK	Eagle	85.50	20	eP	P	01 02 38.8	-0.2
DAWY	Dawson	85.67	21	eP	P	01 02 39.9	+0.4
NV01	Mina Array Sit	85.86	50	eP	P	01 02 40.4	-0.9
NVAR	Mina Array Bea	85.86	50	eP	P	01 02 41.1	-0.1
NV11	Mina Array Sit	85.98	50	eP	P	01 02 41.6	-0.1
RAMN	Ramite	86.01	298	eP	P	01 02 41.9	-0.4
KVN	Kaiserville	86.21	49	eP	P	01 02 42.5	-0.4
KVN	comp-Z,7.0nm,1.3s						
KVN	Kaiserville	86.21	49	eP	P	01 02 42.5	-0.4
BELC	Belle Mtn. Jos	86.36	54	P	P	01 02 43.7	-0.1
TIXI	Tiksi	86.48	349	eP	P	01 02 43.0	-0.2
TIXI	comp-Z,9.0nm,1.4s						
TIXI	Tiksi	86.48	349	eP	P	01 02 43.0	-0.2
JIRN	Jirni	86.54	299	eP	P	01 02 44.7	-0.3
GMRC	Granite Mounta	86.84	54	P	P	01 02 45.9	-0.1
GUN	Gumba	86.87	299	eP	P	01 02 46.4	-0.2
PALK	Palleke	87.05	278	eP	P	01 02 46.5	-0.9
PALK	comp-Z,56nm,1.5s						
PALK	Palleke	87.05	278	eP	P	01 02 46.5	-0.9
IRM	Iron Mountain	87.08	54	P	P	01 02 47.5	+0.4
PKI	Pulchokj	87.19	299	eP	P	01 02 47.6	-0.5
J08A	Circle Bar Ran	87.27	45	eP	P	01 02 47.7	-0.1
KKN	Kakani	87.36	299	eP	P	01 02 48.3	-0.5
DMN	Daman	87.46	299	eP	P	01 02 49.1	-0.2
SHPR	Sheep Range	87.70	52	eP	P	01 03 06.1	+4.2
R11A	Troy Canyon, C	87.88	50	P	P	01 02 50.7	-0.3
214A	Organ Pipe Nat	88.40	57	P	P	01 02 54.3	+0.8
DANN	Dangsing	88.79	299	eP	P	01 02 55.1	-0.6
K0LN	Koldanda	88.80	298	eP	P	01 02 54.4	-1.2
LCMT	Little Creek M	89.32	52	eP	P	01 02 58.1	+0.3
CCUT	Cedar City	89.36	52	eP	P	01 02 58.6	+0.5
PYUN	Pyunhan	89.40	299	eP	P	01 02 57.1	-1.3
WMQ	Urumqi	89.64	315	P	P	01 02 59.2	+0.2
WMQ	comp-Z,22nm,1.7s						
WMQ	comp-Z,22nm,1.7s						
WMQ	comp-Z,290nm,4.7s	LR	LR				
WMQ	comp-Z,390nm,28.9s	LR	LR				
WMQ	comp-Z,390nm,25.5s	LR	LR				
WMQ	comp-Z,560nm,23.9s	LR	LR				
INK	Inuvik	90.04	19	LR	LR	01 36 58.5	
HLID	Hailey	90.16	46	P	P	01 03 01.8	+0.2
MTPU	Mount Pierson	90.39	51	eP	P	01 03 02.2	-0.8
HVU	Hansel Valley	90.87	48	eP	P	01 03 04.1	-0.8
HVU	comp-Z,24nm,1.9s						
HVU	Hansel Valley	90.87	48	eP	P	01 03 04.1	-0.8
DCM	Dugout Coal Mi	91.99	50	P	P	01 03 11.4	+1.1
PDAR	Pinedale Array	93.42	47	P	P	01 03 17.1	+0.3
MK01	Makanchi Array	94.05	317	eP	P	01 03 18.6	-0.7
MK31	Makanchi Array	94.06	317	eP	P	01 03 18.7	-0.7
MK31	Makanchi Array	94.06	317	eP	P	01 03 18.7	-0.7
MK31	Makanchi Array	94.06	317	eP	P	01 03 19.1	-0.3
MKAR	comp-Z,0.2nm,0.5s,baz=256,slow=4.1,SNR=6.4	PKP	PKP			01 20 20.6	-1.8
MKAR	comp-Z,38nm,21.7s,baz=80,slow=36	LR	LR			01 45 42.2	
MKAR	Makanchi Array	94.06	317	eP	P	01 03 18.7	-0.7
MKAR	comp-Z,24nm,1.9s						
ZALV	Zalesovo Beam	94.07	324	P	P	01 03 17.9	-1.3
ZALV	comp-Z,5.5nm,0.9s,baz=108,slow=4.8,SNR=27	LR	LR			01 44 37.6	
YKA	Yellowknife Ar	95.03	27	P	P	01 03 20.9	-2.4
YKA	comp-Z,0.5nm,0.5s,baz=257,slow=4.6,SNR=17	LR	LR			01 38 37.5	
YKA	comp-Z,1.7nm,21.6s,baz=180,slow=31						
NVS	Novosibirsk	95.18	325	eP	P	01 03 15.1	-9.1
TXAR	Lajitas Array	95.57	61	P	P	01 03 27.5	+0.7
KURK	Kurchatov	97.17	320	eP	P	01 03 32.9	-0.5
KURK	Kurchatov	97.17	320	eP	P	01 03 32.9	-0.5
KSH	Kashi	97.31	309	eP	P	01 03 57.8	+7.4
KSH	comp-Z,0.2nm,0.5s,baz=256,slow=4.1,SNR=6.4	PKP	PKP			01 07 37.4	+5.8
KSH	comp-Z,0.2nm,0.5s,baz=256,slow=4.1,SNR=6.4	SKS	SKS			01 14 07.0	-2.2

KSH	S	S	01 14 49.2	-6.9			
KSH	SS	SS	01 15 27.3	+1.2			
KSH	SS	SS	01 21 36.8	+1.8			
KSH	pmax	pmax					
KSH	comp-Z,3.0nm,1.1s						
KSH	comp-Z,91nm,4.5s	LR	LR				
KSH	comp-Z,120nm,7.1s	LR	LR				
KSH	comp-Z,100nm,6.0s	LR	LR				
KSH	comp-Z,210nm,5.7s	LR	LR				
ARCES	ARCESS Array B	116.74	346	PKP	PKP	01 08 43.1	-1.6
LPZA	La Paz	119.63	116	PKP	PKP	01 08 53.1	+0.6
ZEI	Tsey	121.22	313	PKP	PKP	01 08 48.0	
ZEI	comp-Z,12nm,1.6s						
FINES	FINESS Array B	122.22	339	PKP	PKP	01 08 53.9	-1.6
BOSA	Boshof	125.21	223	PKP	PKP	01 09 01.8	-0.6
SIV	San Ignacio	125.89	119	PKP	PKP	01 09 03.2	-0.7
NOA	NORSAR Array B	127.11	345	PKP	PKP	01 09 03.5	-1.4
AKASG	Malin Array Be	127.37	327	PKP	PKP	01 09 04.3	-1.3
BRTR	Keskin Array B	129.51	313	PKP	PKP	01 09 08.9	-1.3
BRTR	Keskin Array B	129.51	313	PKP	PKP	01 09 09.0	-1.3
PTGA	Pitinga	132.56	102	PKP	PKP	01 09 17.4	+0.8
GERES	GERESS Array B	136.18	334	PKP	PKP	01 09 22.6	+0.1
GERES	comp-Z,0.8nm,0.8s,baz=98,slow=2.0,SNR=6.1	PP	PP			01 11 59.4	-2.7
KEST	Kesra	147.94	323	PKP	PKP	01 09 46.5	-0.2
PGAV	Gavies Arco	149.12	352	PKP	PKP	01 09 49.6	-0.1
POLO	Lamas de Olo	149.63	351	PKP	PKP	01 09 48.8	-2.1
ESDC	Seneca Array	150.48	345	PKP	PKP	01 09 52.2	-0.8
MTE	Manteigas	150.55	350	PKP	PKP	01 09 52.9	-0.2
PMRV	Marv??o	151.47	350	PKP	PKP	01 09 54.2	-1.1
PMTR	Mantogil	151.96	351	PKP	PKP	01 09 54.8	-1.5
PBAR	Barrancos	152.62	348	PKP	PKP	01 09 52.0	+1.2
PCVE	Castro Verde	153.33	350	PKP	PKP	01 09 50.6	-1.3
PBDV	Barranco-do-Ve	153.69	349	PKP	PKP	01 09 50.1	-2.4
TORD	Tordoli Ar. Bea	164.77	278	PKP	PKP	01 10 05.2	-0.7
TORD	comp-Z,1.9nm,1.1s,baz=58,slow=0.9,SNR=5.0	PKP	PKP			01 11 02.0	+0.2
TORD	comp-Z,2.9nm,1.0s,baz=76,slow=4.9,SNR=6.5	PP	PP			01 14 52.0	+3.5
TORD	comp-Z,0.6nm,0.8s,baz=76,slow=6.3,SNR=4.1	PKP	PKP			01 11 24.8	-0.2
DBIC	Dimbokro	170.04	243	PKP	PKP	01 11 24.8	-0.2
DBIC	comp-Z,7.8nm,1.0s,baz=119,slow=2.3,SNR=6.7						
IDC 01 00:52:45.8,5.8,19:62S,177:43W,h0km,mb3.9/2,mb1 4.2/2,mb1mx3.6/31,mbtmp3.9/2,Error ellipse: s-maj=278.0km s-min=56.8km az=148.0,Fiji Islands region							
ASAR	Alice Springs	45.24	256	P	P	01 01 05.2	-0.1
WRA	Warramunga Arr	45.26	261	P	P	01 01 05.3	-0.2
AKASG	Malin Array Be	142.50	332	PKP	PKP	01 12 18.9	-1.6
BRTR	Keskin Array B	146.83	314	PKP	PKP	01 12 29.3	-0.6
ISK 01 00:54:34.0,38:58N,43:02E,h2km,MD2.5 CSEM 01 00:54:35.7,0.3,38:58N,43:05E,h5km,ML2.3,Error ellipse: s-maj=7.8km s-min=6.4km az=41.0 DDA 01 00:54:36.2,38:58N,43:06E,h7km,ML2.3 ISD 01 00:54:35.6,1.3,38:57N,0:03,43:06E,0:03,h16km,11km,n12,-052/24,Turkey							
GEVA	Gevas	0.25	181	P	P	05 54 40.8	-0.5
GEVA	Gevas	0.25	181	P	P	05 54 40.8	+0.5
GEVA	Gevas	0.25	181	P	P	05 54 40.8	-0.5
GEVA	Gevas	0.25	181	P	P	05 54 40.8	+0.5
VANB	Van	0.26	84	PG	PG	05 54 41.2	-0.1
VANB	Van	0.26	84	PG	PG	05 54 41.2	+0.2
VANB	Van	0.26	84	PG	PG	05 54 41.2	-0.1
VANB	Van	0.26	84	PG	PG	05 54 41.2	+0.2
TVAN	Van	0.27	98	P	P	05 54 41.3	-0.3
TVAN	Van	0.27	98	P	P	05 54 41.3	+0.2
TVAN	Van	0.27	98	P	P	05 54 41.3	-0.3
TVAN	Van	0.27	98	P	P	05 54 41.3	+0.2
ADCV	BITLIS_Adilcev	0.36	312	P	P	05 54 43.4	+0.3
ADCV	BITLIS_Adilcev	0.36	312	P	P	05 54 43.4	+0.3
ADCV	BITLIS_Adilcev	0.36	312	P	P	05 54 43.4	+0.3
ADCV	BITLIS_Adilcev	0.36	312	P	P	05 54 43.4	+0.3
CLDR	Caldiran	0.88	49	eP	PG	05 54 52.3	-0.4
CLDR	Caldiran	0.88	49	eP	PG	05 54 52.3	-0.4
CLDR	Caldiran	0.88	49	eP	PG	05 54 52.3	-0.4
CLDR	Caldiran	0.88	49	eP	PG	05 54 52.3	-0.4
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 05.3	+1.0
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 05.3	+1.0
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 05.3	+1.0
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 05.3	+1.0
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 06.7	+0.7
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 06.7	+0.7
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 06.7	+0.7
AGRB	Hanur-Agry	1.01	357	eP	PG	05 55 06.7	+

1d 2h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like GEVA, VMUR, TUTA, CLDR, etc.

2012 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like WJS, WJNS, CHNS, WNT, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KOHI, TEZP, ITAN, etc.

ISC 01 02:16:50.8, 1.1, 49.08N, 0.04, 20.97E, 0.04, h7km, 15km, n7, c0930/12, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CRVS, STHS, NIE, etc.

IDC 01 02:25:22.1, 3.4, 36.01N, 141.33E, h0km, mb3.3/3, mb1.3/4.4, mb1mx3.2/5.2, mbmp3.2/4, ML3.2/1, MS2.4/3, Ms1.2/4.3, ms1mx2.3/19, Error ellipse: s-maj=94.7km s-min=27.7km az=53.0

ISC 01 02:25:26.4, 2.3, 36.0N, 0.3, 141.2E, 0.2, h26km, n7, c096/6, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like MJAR, KRSR, PETK, MKAR, WRA, ASAR, etc.

ISCJCB 01 02:30:11.8, 0.3, 23.64N, 0.02, 121.70E, 0.02, h25km, 2km, Error ellipse: s-maj=3.5km s-min=2.2km az=43.6

JMA 01 02:30:11.1, 0.1, 23.62N, 121.64E, h30km, 2km, M3.2

TAP 01 02:30:12.2, 23.66N, 121.62E, h31km, ML3.6, B3

ISC 01 02:30:12.1, 0.9, 23.65N, 0.02, 121.64E, 0.03, h31km, 6km, n7, c0966/112, 6C-11Z, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like ESL, HGSD, ENLB, EHY, HWA, TWD, TWF1, FULB, CHGB, YUS, SMLT, ELDTW, TWT, TDCB, DPDB, TYC, ALS, ENA, NNSH, ENAH, NNS, etc.

ISC 01 02:35:18.1, 0.9, 23.45N, 0.02, 91.76E, 0.02, h21km, 6km, mb4.4/8.4, MS3.3/8, Error ellipse: s-maj=4.2km s-min=3.4km az=99.0

MOS 01 02:35:19.7, 0.9, 23.48N, 91.86E, h33km, mb4.7/33, Error ellipse: s-maj=11.2km s-min=4.8km az=124.6

BUI 01 02:35:20.6, 23.83N, 91.83E, h11km, mb4.5/30, mb4.6/22, ML4.4/3, MS3.9/17, Ms7.3/7/18

NEIC 01 02:35:21.1, 1.4, 23.47N, 91.83E, h28km, 10km, mb4.6/27, Error ellipse: s-maj=5.6km s-min=3.4km az=47.0

NEIC Felt at Udaipur. Also felt in eastern Bangladesh.

IDC 01 02:35:22.0, 0.5, 23.52N, 91.88E, h32km, 5km, mb4.1/33, mb1.4/2/3, mb1mx4.0/70, mbtmp4.3/34, ML3.8/1, MS3.3/8, Ms1.3/8, ms1mx3.0/51, Error ellipse: s-maj=12.9km s-min=9.3km az=99.0

ISC 01 02:35:21.8, 0.6, 23.44N, 0.04, 91.74E, 0.03, h32km, 3km, h33km, pp-P, n233, c2905/276, mb4.5/84, MS3.2/8, 12C-17D, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like BRDH, BRD, SHL, SHL, SHL, etc.

ISC 01 02:35:18.1, 0.9, 23.45N, 0.02, 91.76E, 0.02, h21km, 6km, mb4.4/8.4, MS3.3/8, Error ellipse: s-maj=4.2km s-min=3.4km az=99.0

MOS 01 02:35:19.7, 0.9, 23.48N, 91.86E, h33km, mb4.7/33, Error ellipse: s-maj=11.2km s-min=4.8km az=124.6

BUI 01 02:35:20.6, 23.83N, 91.83E, h11km, mb4.5/30, mb4.6/22, ML4.4/3, MS3.9/17, Ms7.3/7/18

NEIC 01 02:35:21.1, 1.4, 23.47N, 91.83E, h28km, 10km, mb4.6/27, Error ellipse: s-maj=5.6km s-min=3.4km az=47.0

NEIC Felt at Udaipur. Also felt in eastern Bangladesh.

IDC 01 02:35:22.0, 0.5, 23.52N, 91.88E, h32km, 5km, mb4.1/33, mb1.4/2/3, mb1mx4.0/70, mbtmp4.3/34, ML3.8/1, MS3.3/8, Ms1.3/8, ms1mx3.0/51, Error ellipse: s-maj=12.9km s-min=9.3km az=99.0

ISC 01 02:35:21.8, 0.6, 23.44N, 0.04, 91.74E, 0.03, h32km, 3km, h33km, pp-P, n233, c2905/276, mb4.5/84, MS3.2/8, 12C-17D, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like BRDH, BRD, SHL, SHL, SHL, etc.

ISC 01 02:35:18.1, 0.9, 23.45N, 0.02, 91.76E, 0.02, h21km, 6km, mb4.4/8.4, MS3.3/8, Error ellipse: s-maj=4.2km s-min=3.4km az=99.0

MOS 01 02:35:19.7, 0.9, 23.48N, 91.86E, h33km, mb4.7/33, Error ellipse: s-maj=11.2km s-min=4.8km az=124.6

BUI 01 02:35:20.6, 23.83N, 91.83E, h11km, mb4.5/30, mb4.6/22, ML4.4/3, MS3.9/17, Ms7.3/7/18

NEIC 01 02:35:21.1, 1.4, 23.47N, 91.83E, h28km, 10km, mb4.6/27, Error ellipse: s-maj=5.6km s-min=3.4km az=47.0

NEIC Felt at Udaipur. Also felt in eastern Bangladesh.

IDC 01 02:35:22.0, 0.5, 23.52N, 91.88E, h32km, 5km, mb4.1/33, mb1.4/2/3, mb1mx4.0/70, mbtmp4.3/34, ML3.8/1, MS3.3/8, Ms1.3/8, ms1mx3.0/51, Error ellipse: s-maj=12.9km s-min=9.3km az=99.0

ISC 01 02:35:21.8, 0.6, 23.44N, 0.04, 91.74E, 0.03, h32km, 3km, h33km, pp-P, n233, c2905/276, mb4.5/84, MS3.2/8, 12C-17D, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like AKL, SRLM, SRLM, SMLA, Killari, URV, DHAM, Lanhzhou, etc.

ISCJB 01 02:40:35.5:0.3, 6.80N:0.03:73.10W:0.03, h161km, 2km, mb3.8/23, Error ellipse: s-maj=5.8km s-min=4.4km az=31.1

NEIC 01 02:40:36.0:4.6: 6.88N:73.11W, h158km, 6km, mb4.0/10, Error ellipse: s-maj=11.4km s-min=7.4km az=115.0

NEIC Folt at Setulia, Bucaramanga and San Gil, IDC 01 02:40:36.8:1.9, 6.77N:72.92W, h165km, 16km, mb3.4/13, mb1.3/17, mb1mx3.5/48, mbtmp4.0/17, Error ellipse: s-maj=18.9km s-min=13.2km az=44.0

RSNC 01 02:40:37.0:0.9, 6.81N:73.17W, h150km, 5km, ML4.1
ISC 01 02:40:36.1:0.6, 6.78N:0.04:73.09W:0.04, h158km, 5km, n63.3/15/83, mb3.8/23, 1C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various seismic stations and their parameters.

CSEM 01 02:42:18.1:0.2, 37.49N:24.51W, h10km, ML3.7, Error ellipse: s-maj=6.1km s-min=3.4km az=31.0
PDA 01 02:42:21.0:0.8, 37.43N:24.47W, h10km, MD3.5, ML3.7, Error ellipse: s-maj=5.2km s-min=2.3km az=77.0

ISC 01 02:42:19.1:1.5, 37.47N:0.05:24.63W:0.08, h29km, 12km, n32.0/65/54, 3C-1D, Azores Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations in the Azores Islands region.

NIED 01 02:45:00, 41.70N:144.50E, h14km, Mw4.0 Best double couple: M=1.27000e+1015 NP1:3e249.00000e+345.00000e+7.147.00000e+0. NP2:3e3.00000e+868.00000e+150.00000e+0

IDC 01 02:45:31.6:0.6, 41.72N:144.55E, h0km, mb4.0/30, mb1.4/32, mb1mx2.0/62, mbtmp4.0/32, ML2.8/4, MS3.1/3, Ms1.3/2/3, ms1mx2.7/45, Error ellipse: s-maj=15.3km s-min=13.6km az=150.0

ISCJB 01 02:45:33.2:1.6, 41.73N:0.05:144.59E:0.07, h24km, 11km, mb4.0/43, MS3.4/3, Error ellipse: s-maj=10.8km s-min=4.5km az=42.7

MOS 01 02:45:33.3:1.0, 41.72N:144.55E, h24km, mb4.5/13, Error ellipse: s-maj=10.7km s-min=6.1km az=87.0

NEIC 01 02:45:34.3:1.6, 41.76N:144.54E, h16km, 16km, mb4.3/12, Error ellipse: s-maj=7.7km s-min=5.4km az=116.0

JMA 01 02:45:35.1:0.2, 41.74N:144.50E, h32km, 21km, M4.1
ISC 01 02:45:34.5:4.4, 41.76N:0.08:144.58E:0.07, h187km, 21km, n87.1/65/86, mb4.2/43, MS3.4/3, C, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists seismic stations in the Hokkaido region.

Main table with columns: MAJO, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists numerous seismic stations and their parameters.

Table with columns: Station Name, Time, Magnitude, Location, and other parameters. Includes stations like URV, MYKOM, SRSP, etc.

Table with columns: Code, Station Name, Time, Magnitude, Location, and other parameters. Includes stations like mB6.6/69, MOS 01, etc.

Table with columns: Station Name, Time, Magnitude, Location, and other parameters. Includes stations like NGSJ, JSJ, Shimokoshiki, etc.

Table of astronomical data for 1d 5h, including columns for name, coordinates, and other parameters. Rows include stations like FAKI SANI, KWAJ, KWAJ, LUWI, MSAL, etc.

Table of astronomical data for 2012 JAN, including columns for name, coordinates, and other parameters. Rows include stations like WMO, PMG, PMG, PMG, PMG, etc.

Table of astronomical data for 14, including columns for name, coordinates, and other parameters. Rows include stations like MAKZ, MAKZ, MAKZ, ABJI, DGPR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CNJI Cibinong, SDPT Sand Point, GSI Gunung Sitoli, etc.

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CCB Clear Creek Bu, MBWA Marble Bar, MWBA Marble Bar, etc.

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Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like MCHZ, PAHR, KRHZ, KNZ, OSL, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like SUE, BTIN, LCCM, MCMT, KHZ, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other parameters. Includes stations like YMR, CRMT, AMRR, KMYV, etc.

MUD	comp=Z,13um,16.0s	82.33 334	i P	P	05 39 36.9	-0.9
MUD	Monsted U'grnd					
MUD	comp=Z,7.04nm,1.1s					
R11A	Troy Canyon, C	82.35 50	P	S	05 39 35.3	-2.0
R11A	baz=304					
R11A	Troy Canyon, C	82.35 50	eP	P	05 39 38.1	-0.4
MPMC	Manual Prospec	82.35 52	P	P	05 39 38.7	0.0
MPMC	baz=304,SNR=193					
RCY	Rachaya	82.38 305	eP	P	05 39 38.0	-0.8
PRD	Provadia	82.38 316	P	P	05 39 38.7	+0.3
VOIR	Snow King Mount	82.39 319	iP	P	05 39 38.0	-0.5
SNOW	comp=Z,333nm,1.1s					
NIE	Niedzica	82.39 324	eP	P	05 39 38.3	-0.1
NIE	comp=Z,4um,11.6s					
NIE			eS	SS	05 49 23.7	+0.1
NIE			eS	SS	05 54 51.6	-0.8
NIE	Niedzica	82.39 324	eP	P	05 39 38.3	-0.1
NIE			eS	SS	05 49 23.7	+0.1
NIE			eS	SS	05 54 51.6	-0.8
NIE			eS	SS	05 54 51.6	-0.8
REDW	Red Top Meadow	82.39 43	eP	P	05 39 39.0	+0.2
REDW	comp=Z,635nm,1.3s					
CJR	Cluj-Napoca	82.40 321	iP	P	05 39 38.8	+0.3
ESKT	Ekiskaya	82.40 312	iP	P	05 39 37.4	-1.3
KMER	Konya-Meram	82.40 310	iP	P	05 39 38.1	-0.7
MTUT	Morton Thiokol	82.40 45	eP	P	05 39 39.0	+0.3
MLI	Malad Range	82.42 45	eP	P	05 39 39.2	+0.3
ROIA	ROIAK	82.46 316	iP	P	05 39 40.0	+1.2
QRWL	Qaraoun	82.46 305	eP	P	05 39 37.5	-1.6
SNOC	San Nicolas Is	82.47 56	P	P	05 39 39.9	-0.2
SNOC	baz=303,SNR=25					
SNOC	San Nicolas Is	82.47 56	eP	P	05 39 39.2	+0.1
SNOC	comp=Z,973nm,1.4s					
BUCI	Buchaya	82.49 318	iP	P	05 39 37.7	-1.2
GULM	MERSIN Gulnar	82.49 308	iP	P	05 39 38.6	-0.5
BGU	Big Grassy Mou	82.50 46	eP	P	05 39 39.4	+0.1
BGU	comp=Z,718nm,1.6s					
MTUR	Matau	82.51 319	iP	P	05 39 38.3	-0.8
SHBL	Chebaa	82.52 304	eP	P	05 39 39.1	-0.4
LRMC	Laurel Mtn Rad	82.54 53	P	P	05 39 38.9	-0.7
LRMC	baz=304,SNR=154					
FURC	Furnace Creek,	82.55 52	P	P	05 39 43.0	0.0
FURC	baz=304,SNR=247					
BEI	Bear River Ran	82.57 45	eP	P	05 39 39.8	+0.1
AHID	Auburn Hatcher	82.60 44	eP	P	05 39 39.7	-0.1
LTU	Little Mountai	82.60 45	eP	P	05 39 39.7	-0.1
SGRR	Singureni	82.60 318	iP	P	05 39 38.7	-0.8
SPUT	South Promont	82.64 46	eP	P	05 39 40.2	+0.2
SPUT	comp=Z,280nm,1.0s					
EDW2	Edwards Air Fo	82.65 54	P	P	05 39 39.8	-0.3
EDW2	baz=303,SNR=166					
ARR	Arges	82.66 319	iP	P	05 39 40.3	+0.4
DOGA	KONYA Doganhis	82.67 310	P	P	05 39 39.8	-0.4
TPNV	Topopah Spring	82.69 51	P	P	05 39 39.8	-0.5
TPNV	comp=Z,678nm,1.1s					
TPNV	Topopah Spring	82.69 51	eP	P	05 39 39.8	-0.5
TPNV	comp=Z,678nm,1.1s					
DECC	Green Verdugo	82.76 54	P	P	05 39 40.0	-0.5
DECC	baz=303,SNR=66					
WVUT	Wellsville,	82.76 45	eP	P	05 39 40.8	+0.2
BORG	Borgarnes	82.77 351	P	P	05 39 42.1	+2.2
BORG	comp=Z,211nm,1.0s, baz=38,slow=3.8,SNR=13					
BORG	Borgarnes	82.77 351	eP	P	05 39 42.4	+2.5
BORG	comp=Z,400nm,0.9s					
BORG	Borgarnes	82.77 351	eP	P	05 39 42.4	+2.5
BORG	comp=Z,400nm,0.9s					
FRB	Frobisher Bay	82.77 12	S	S	05 49 23.6	-3.1
FRB	comp=Z,6.9nm,0.9s, baz=54,slow=19,SNR=4.3					
FRB	comp=Z,6.1nm,0.7s, baz=325,slow=5.6,SNR=8.0					
BOLV	Bolovadin	82.79 311	iP	P	05 39 39.4	-1.4
BOLV	comp=Z,1um,0.8s					
HONU	Honeyville	82.79 45	eP	P	05 39 40.3	-0.4
PHNC	Paralimni	82.81 307	P	P	05 39 40.8	0.0
DRGR	Drizak	82.82 321	iP	P	05 39 40.4	-0.3
SNUT	Stansbury Nort	82.86 45	eP	P	05 39 41.2	+0.1
GRZU	Grizzly Peak	82.86 45	eP	P	05 39 41.2	+0.1
DGMT	Dagmar	82.87 36	P	P	05 39 40.0	-0.9
DGMT	comp=Z,310nm					
DGMT	Dagmar	82.87 36	eP	P	05 39 40.1	-0.7
DGMT	comp=Z,319nm,1.1s					
DGMT			eP	P	05 41 03.7	+0.3
DGMT			eS	SS	05 49 28.4	-0.1
KECS	Kecovo	82.90 324	eP	P	05 39 40.0	-1.0
KECS	comp=Z,118nm,1.1s					
KECS	Kecovo	82.90 324	eP	P	05 39 40.0	-1.0
KECS	comp=Z,118nm,1.1s					
KECS			eP	P	05 42 56.4	-0.1
KECS			eS	SS	05 49 28.2	-0.5
KECS			eS	SS	05 49 28.2	-0.5
PASC	Pasadena Art C	82.91 54	eP	P	05 39 41.1	-0.2
PASC	comp=Z,716nm,1.4s					
NAIU	Northern Antel	82.94 46	eP	P	05 39 41.6	+0.1
LAO	LASA Array	82.95 39	P	P	05 39 41.5	+0.2
LAO	baz=309					
LAO	LASA Array	82.95 39	eP	P	05 39 41.2	-0.1
LAO	comp=Z,768nm,1.3s					
MWC	Mount Wilson	82.97 54	eP	P	05 39 41.3	-0.5
MWC	comp=Z,923nm,1.3s					
MWC	Mount Wilson	82.97 54	eP	P	05 39 41.3	-0.5
MWC	comp=Z,923nm,1.3s					
ELBA	Catalca	82.97 314	iP	P	05 39 41.2	-0.3
FSU	Fish Springs	82.97 47	eP	P	05 39 41.8	+0.1
HUMR	Humele	82.98 319	iP	P	05 39 40.4	-1.0
YANS	Liptovska Anna	82.98 325	eP	P	05 39 41.9	+0.5
LANS	LANS	82.98 325	eP	P	05 39 41.9	+0.5
LANS	Liptovska Anna	82.98 325	eP	P	05 39 41.9	+0.5
LANS			eS	SS	05 41 14.6	
LANS			eS	SS	05 49 30.9	+1.4
RAC	Raciborz	82.98 326	eP	P	05 39 41.4	+0.1
RAC			eP	P	05 41 01.8	-2.1
RAC			eS	SS	05 49 28.9	-0.5
RAC	comp=Z,17um,17.0s					
BMUT	Black Mountain	82.99 45	eP	P	05 39 42.3	+0.4
IGD	Bursa	83.01 313	iP	P	05 39 39.4	-2.3
DUG	Dugway, Tooele	83.06 47	P	P	05 39 42.3	+0.2
DUG	baz=306					
DUG	Dugway, Tooele	83.06 47	eP	P	05 39 42.1	-0.1
DUG	comp=Z,566nm,1.0s					
DUG	Dugway, Tooele	83.06 47	eP	P	05 39 42.1	-0.1
DUG	comp=Z,566nm,1.0s					
SAIU	Southern Antel	83.07 46	eP	P	05 39 42.3	+0.2
RSUT	Red Spur Mount	83.07 45	eP	P	05 39 43.7	+1.3
FSMT	Fort Macarthur	83.08 55	P	P	05 39 41.8	-0.3
FSMT	baz=303,SNR=29					
LOT	Lotru	83.09 320	iP	P	05 39 41.6	-0.5
MCU	Monte Cristo P	83.12 45	eP	P	05 39 42.6	0.0
CIS	Catalina Islan	83.17 55	P	P	05 39 42.3	-0.4
OKC	Ostrava-Krasne	83.17 326	iP	P	05 39 41.9	-0.4
OKC			e		05 41 41.0	
OKC			e		05 49 31.4	
OKC	comp=Z,17um,14.8s					
OKC	Ostrava-Krasne	83.17 326	iP	P	05 39 41.9	-0.4
OKC			ex		05 41 15.6	
OKC			ex		05 41 41.0	
OKC			eS	SS	05 44 48.8	
OKC			eS	SS	05 54 59.7	-4.0
OKC			eS	SS	06 20 10.0	
FPU	Francis Peak	83.18 46	eP	P	05 39 43.3	+0.9
NOQ	North Oquirrh	83.22 46	eP	P	05 39 43.2	+0.3
BFSC	Mount Baldy Ra	83.24 54	P	P	05 39 41.8	-1.3
BFSC	baz=304,SNR=214					
SHOC	Shoshone, Teco	83.26 52	P	P	05 39 42.7	-0.4
SHOC	baz=304,SNR=167					
MAMC	Mammari	83.28 307	P	P	05 39 42.8	-0.3
HRU	Hogsback Ridge	83.29 46	eP	P	05 39 43.0	+0.2
DEV	Deva	83.29 321	iP	P	05 39 42.7	-0.3
GAVI	Gaszipasa	83.29 308	iP	P	05 39 42.1	-1.1
JMB	Yambol	83.30 316	P	P	05 39 43.3	+0.2
BAGO	Egridir - ISPA	83.31 311	iP	P	05 39 41.8	-1.5
SC12	San Clemente I	83.31 55	P	P	05 39 42.8	-0.5

CSS	Mathiatis	83.31 307	eP	P	05 39 43.1	-0.3
CSS	comp=Z,356nm,0.8s					
CSS	Mathiatis	83.31 307	P	P	05 39 43.1	-0.3
CSS	Mathiatis	83.31 307	eP	P	05 39 43.9	-0.2
RRX	Edison Barstow	83.34 53	P	P	05 39 43.3	-0.2
RRX	baz=304,SNR=21					
RBU	Red Butte Cany	83.34 46	eP	P	05 39 43.7	+0.1
CSWU	Camp Williams	83.36 46	eP	P	05 39 44.1	+0.4
PSUT	Pine Spring	83.36 49	eP	P	05 39 44.5	+0.7
PSUT	comp=Z,695nm,1.3s					
KSP	Ksiaz	83.37 327	eP	P	05 39 42.8	-0.5
KSP	comp=Z,7um,10.8s					
KSP			eP	P	05 41 10.3	+4.4
KSP			eP	P	05 41 11.1	+2.5
KSP			e		05 44 52.1	
KSP			eS	SS	05 49 32.7	-0.5
KSP			eS	SS	05 49 35.1	-0.7
KSP			eS	SS	05 50 18.4	-4.7
KSP			eS	SS	05 59 42.8	-0.5
KSP			eS	SS	05 41 10.3	+4.4
KSP			eS	SS	05 41 11.2	-2.5
KSP			e		05 44 52.1	
KSP			eS	SS	05 49 32.7	-0.5
KSP			eS	SS	05 49 34.1	+0.2
TCUT	Toone Canyon	83.39 45	eP	P	05 39 44.1	+0.2
TCUT	comp=Z,2um,1.6s					
KEPZ	Antalya-Kepez	83.39 309	iP	P	05 39 42.1	-1.6
CTU	Camp Tracy	83.43 46	eP	P	05 39 44.1	+0.1
CTU	comp=Z,268nm,0.8s					
WTU	Western Traver	83.44 46	eP	P	05 39 44.5	+0.4
GMU	Granite Mounta	83.49 46	eP	P	05 39 44.6	+0.2
MORC	Moravsky Berou	83.50 326	iP	P	05 39 43.3	-0.7
MORC	MORC Moravsky Berou	83.50 326	eP	P	05 39 44.9	+0.9
MORC	comp=Z,1um,1.0s					
MORC	Moravsky Berou	83.50 326	eP	P	05 39 44.9	+0.9
MORC	comp=Z,1um,1.0s					
BW06	Boulder Array	83.50 43	eP	P	05 39 43.9	-0.5
BW06	comp=Z,468nm,1.3s					
BW06	Boulder Array	83.50 43	eP	P	05 39 43.7	-0.7
PD31	Pinedale Array	83.51 43	eP	P	05 39 43.8	-0.7
PDAR	Pinedale Array	83.51 43	eP	P	05 39 43.8	-0.7
PDAR	comp=Z,95nm,0.8s, baz=282,slow=2.9,SNR=204					
PDAR	comp=Z,15nm,0.7s, baz=282,slow=4.5,SNR=1.6					
PDAR	comp=Z,1.6nm,0.9s, baz=20,slow=3.0,SNR=2.2					
PDAR	comp=Z,0.4nm,0.6s, baz=120,slow=5.4,SNR=3.7					
PDAR	Pinedale Array	83.51 43	eP	P	05 39 42.2	-2.2
PDAR			eP	P	05 41 07.0	-0.1
PDAR			eP	P	05 41 07.0	-0.1
PDAR			eP	P	05 49 33.0	-2.4
PDAR			eP	P	05 57 58.5	-1.4
PDAR			eP	P	05 49 33.2	-2.2
PDAR			eP	P	05 41 07.0	-0.1
PDAR			eP	P		

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MTPU Mount Pierson, RDO Rodhopi, PAE Paep, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like RSSD Black Hills, KHC Kasperke Hory, GLA Glamis, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like EDI Litokhoron, PVY Play, AGMM Agassiz Nation, etc.

KESW	comp=Z,4um,2.9s	IAMB	IAMB	05 40 10.5	TUC	comp=Z,71nm,1.1s	pmax	pmax	SENIN	Lac Senin/Sane	90.72 328	eP	P	05 40 17.7 -1.1				
WATA	Waldersalm	88.04 327	ePcP	P	05 40 04.9 -1.4	TUC	Tucson	89.05 52	eP	P	05 40 10.9 -0.3	SPMN	Marine on St.	90.72 33	P	05 40 18.5 -0.1		
WATA	comp=Z,62nm,0.8s,SNR=72	PP	PP	05 43 37.8 -0.1	WLI	comp=Z,71nm,1.1s	P	P	05 40 07.1 -3.9	AQU	L'Aquila	90.72 32	eP	P	05 40 18.4 -0.3			
W18A	Petrified Fore	88.04 49	P	P	05 40 06.2 -0.4	WLI	Veliai	89.06 313	P	P	05 40 07.1 -3.9	AQU	C'Aquila	90.72 322	eP	P	05 40 18.4 -0.3	
W18A	Petrified Fore	88.04 49	eP	P	05 40 07.2 +0.7	SDCO	Great Sand Dun	89.06 45	P	P	05 40 11.2 -0.2	L33A	Hoskins	90.73 38	P	P	05 40 18.2 -0.5	
STU	Stuttgart	88.06 329	eP	P	05 40 05.2 -0.9	SDCO	Great Sand Dun	89.06 45	eP	P	05 40 11.5 +0.1	BGNE	Belgrade	90.80 39	P	P	05 40 18.4 -0.7	
STU	comp=Z,521nm,1.5s	ppmax	ppmax	05 40 05.2 -0.9	AXS	Araxos	89.07 315	P	P	05 39 59.8 -1.1	BGNE	Belgrade	90.80 39	eP	P	05 40 18.6 -0.5		
WTTA	Wattenberg	88.06 327	iPcP	P	05 40 05.2 -1.2	VAM	Vamos	89.09 312	P	P	05 40 09.7 -1.5	E39A	Mellen	90.88 31	P	P	05 40 18.7 -0.6	
WTTA	comp=Z,118nm,1.6s	epP	ppP	05 41 30.6 +0.5	VAM	Vamos	89.09 312	P	P	05 40 09.7 -1.5	HSIG	121A	Cookes Peak, D	90.91 55	eP	P	05 40 19.2 -0.5	
WTTA	comp=Z,43nm,1.8s	SKSac	SKSac	05 50 01.2 +1.2	D36A	Godland	89.10 32	P	P	05 40 09.8 -1.2	121A	121A	Cookes Peak, D	90.91 50	eP	P	05 40 20.2 +0.2	
LMK	Market Rasen	88.08 337	eP	P	05 40 05.6 -0.4	RLS	Riolos of Patr	89.10 315	P	P	05 40 09.5 -1.7	121A	121A	Chassel	91.11 318	eP	ppP	05 41 42.2 -1.8
LMK	comp=Z,613nm,1.2s	IAMB	IAMB	05 40 10.3	RLS	Riolos of Patr	89.10 315	P	P	05 40 09.5 -1.7	121A	121A	Chassel	91.11 318	eP	ppP	05 40 18.3 -2.3	
STON	Ston	88.08 321	P	P	05 40 03.8 -2.5	LDK2	Lefkada island	89.11 316	P	P	05 40 08.3 -3.0	J35A	Milford	90.93 36	P	P	05 40 19.5 -0.1	
TBI	Tubuai	88.09 119	eS	S	05 50 08.7 -1.1	C37A	Lefkada island	89.12 31	P	P	05 40 11.4 +0.3	VLC	Villacoellemand	90.93 325	eP	P	05 40 18.9 -0.7	
G31A	Conde	88.09 36	P	P	05 40 06.1 -0.3	F34A	Alexandria	89.14 34	P	P	05 40 10.7 -0.5	K34A	Leirs	90.97 37	P	P	05 40 19.6 -0.2	
TRI	Trieste	88.16 325	eP	P	05 40 05.1 -1.5	J31A	Geddes	89.17 38	P	P	05 40 10.7 -0.8	SRIG	Santa Rosalia	91.01 57	eP	P	05 40 21.1 +0.8	
TRI	Trieste	88.16 325	eP	P	05 40 05.1 -1.5	FUORN	Ofenpass-Fuorn	89.17 327	eP	P	05 40 10.7 -1.0	I36A	Fitzsimmons Fa	91.04 35	P	P	05 40 20.6 +0.5	
F32A	Veblen	88.17 35	P	P	05 40 06.1 -0.6	GMM	Mis of Mourne	89.19 340	eP	P	05 40 10.6 -0.6	IMMV	iera Monti Meta	89.19 312	P	P	05 40 20.1 +0.1	
BSTI	Park Rapids	88.20 332	P	P	05 40 06.1 -0.6	H33A	Presh Over Nor	89.21 36	P	P	05 40 10.2 -1.5	DAVOX	Davos/Dischmat	89.23 327	pp	PP	05 40 20.0 -0.2	
D34A	Park Rapids	88.23 33	P	P	05 40 05.9 -1.1	DAVOX	comp=Z,49nm,1.1s,baz=54,slow=7.9	PKK	PKK	05 43 48.5 +1.1	CUC	Castrocuoco	91.08 320	eP	P	05 40 18.9 -1.5		
DSF	Desfina	88.24 315	P	P	05 40 04.0 -3.2	DAVOX	comp=Z,2.2nm,0.5s,baz=287,slow=20,SNR=3.3	PKK	PKK	05 50 07.4 +0.4	TIP	Timpagrande	91.11 318	eP	P	05 40 19.4 -1.2		
DSF	Desfina	88.24 315	P	P	05 40 04.0 -3.2	DAVOX	comp=Z,1.1nm,0.4s,baz=297,slow=8.7,SNR=2.6	PKK	PKK	05 45 42.7 +2.7	TIP	Timpagrande	91.11 318	eP	P	05 40 20.8 +0.4		
S22A	4UR Ranch, Cre	88.25 46	eP	P	05 40 08.2 +0.6	EYMN	Ely	89.27 31	P	P	05 40 11.5 -0.3	H37A	Dierke Farm, C	91.15 34	P	P	05 40 20.7 +0.2	
S22A	Moosalm	88.25 327	ePcP	P	05 40 06.8 -0.9	EYMN	Ely	89.27 31	eP	P	05 40 11.3 -0.4	M33A	Taylor Creek F	91.19 38	P	P	05 40 20.6 -0.3	
MOTA	Moosalm	88.25 327	ePcP	P	05 40 05.8 -1.5	KYTH	Kithira	89.28 313	P	P	05 40 10.0 -2.1	G38A	Ridgeland	91.21 33	P	P	05 40 20.5 -0.3	
SUSD	Miller	88.26 37	P	P	05 40 07.2 0.0	KYTH	Kithira	89.28 313	P	P	05 40 10.0 -2.1	D41A	Artemida-Makis	91.21 30	P	P	05 40 21.0 +0.2	
X18A	Snowflake	88.26 50	eP	P	05 40 08.2 +0.6	AMT	Artemida-Makis	89.30 315	P	P	05 40 11.3 -2.3	I37A	Lemond, Waseca	91.34 34	P	P	05 40 21.9 +0.4	
E33A	Westby DABS, E	88.27 34	P	P	05 40 07.0 -0.1	I32A	Karley and Nic	89.31 37	P	P	05 40 11.8 -0.3	L34A	Svensden Farm,	91.34 37	P	P	05 40 21.6 +0.1	
NPS	Neapolis	88.27 311	P	P	05 40 06.1 -1.3	G34A	Benson	89.35 35	P	P	05 40 12.2 0.0	H38A	Maiden Rock	91.38 33	P	P	05 40 21.7 +0.1	
NPS	Neapolis	88.27 311	P	P	05 40 06.1 -1.3	VTN	Viteika	89.36 315	P	P	05 40 10.4 -2.0	K35A	Storm Lake	91.38 36	P	P	05 40 21.5 -0.2	
NPS	Neapolis	88.27 311	P	P	05 40 06.1 -1.3	ECH	Echery	89.36 330	eP	P	05 40 11.2 -1.0	J36A	Seneca 1, Swea	91.39 35	P	P	05 40 22.1 +0.4	
GALL	Galloway	88.28 340	eP	IAMB	05 40 06.5 -0.5	ECH	Echery	89.36 330	eP	P	05 40 11.2 -1.0	SCHO	Schefferville	91.39 14	P	P	05 40 21.6 +0.1	
GALL	Galloway	88.28 340	eP	IAMB	05 40 06.5 -0.5	ITM	Ithomi	89.39 314	P	P	05 40 10.0 -2.6	SCHO	Schefferville	91.39 14	eP	PKK	05 57 38.4 +2.4	
RETA	Reutte	88.31 327	ePcP	P	05 40 10.3 -1.1	ITM	Ithomi	89.39 314	P	P	05 40 10.0 -2.6	SCHO	Schefferville	91.39 14	PKK	PKK	05 57 38.4 +2.4	
RETA	comp=Z,200nm,0.9s,SNR=88	epP	ppP	05 41 30.6 -0.6	WPM	Penemawr	89.41 338	eP	P	05 40 12.3 0.0	F40A	Park Falls	91.42 31	P	PKK	PKK	05 57 38.4 +2.4	
RETA	comp=Z,250nm,1.3s	epP	ppP	05 41 30.6 -0.6	F35A	Gwanville	89.42 34	P	P	05 40 13.0 +0.5	SCHO	Schefferville	91.42 31	P	PKK	PKK	05 57 38.4 +2.4	
RETA	comp=Z,220nm,2.0s	epP	ppP	05 43 40.6 +0.7	WME	Myndd Eilian	89.42 339	eP	P	05 40 11.7 -0.6	SCHO	Schefferville	91.42 31	PKK	PKK	05 57 38.4 +2.4		
C35A	Jirik Farms, M	88.34 32	P	P	05 40 07.2 -0.3	D37A	Cydon	89.45 32	P	P	05 40 12.3 -0.3	SCHO	Schefferville	91.42 31	PKK	PKK	05 57 38.4 +2.4	
C35A	baz=318,SNR=65	epP	ppP	05 40 07.2 -0.3	WPS	Cemaes, Angles	89.48 339	eP	IAMB	05 40 13.0 +0.5	SCHO	Schefferville	91.42 31	PKK	PKK	05 57 38.4 +2.4		
EVR	Evyryntia	88.35 316	P	P	05 40 05.0 -2.8	FOEL	Foel Wylfa	89.50 338	eP	IAMB	05 40 16.1	F40A	Park Falls	91.42 31	P	PKK	PKK	05 57 38.4 +2.4
EVR	Evyryntia	88.35 316	P	P	05 40 05.0 -2.8	FOEL	Foel Wylfa	89.50 338	eP	IAMB	05 40 16.1	G39A	Holcombe	91.43 32	P	P	05 40 21.8 -0.1	
WACR	West Acre	88.35 336	eP	IAMB	05 40 07.1 -0.2	C38A	Sawbill Land,	89.54 31	P	P	05 40 13.3 +0.3	E41A	Kenton	91.51 30	P	P	05 40 22.4 +0.2	
WACR	West Acre	88.35 336	eP	IAMB	05 40 07.1 -0.2	WLF1	Llynfaes	89.54 339	eP	AMB	05 40 11.4 -1.5	HTL	Hartland	91.53 337	eP	IAMB	05 40 21.7 -0.5	
LKLB	Kalborn	88.36 331	P	P	05 40 06.8 -0.7	WLF1	Llynfaes	89.54 339	eP	AMB	05 40 11.4 -1.5	HTL	Hartland	91.53 337	eP	IAMB	05 40 21.7 -0.5	
DID	Didima	88.38 314	P	P	05 40 04.1 -3.8	E36A	McGregor	89.55 33	P	P	05 40 12.9 -0.2	M34A	Aspy Farms, Fr	91.57 38	P	P	05 40 22.3 -0.3	
DID	Didima	88.38 314	P	P	05 40 04.1 -3.8	VLS	Valsamata	89.55 316	P	P	05 40 11.3 -2.0	N33A	J Bar K, Exete	91.65 39	P	P	05 40 22.3 -0.7	
THAL	Thalero	88.39 315	P	P	05 40 04.2 -3.7	VLS	Valsamata	89.55 316	P	P	05 40 11.3 -2.0	L35A	Blelow Farm, R	91.67 37	P	P	05 40 22.8 -0.2	
LAST	Lasithi	88.42 311	P	P	05 40 06.4 -1.8	J32A	Parkston	89.58 37	P	P	05 40 12.4 -0.9	CBKS	Cedar Bluff	91.73 41	P	P	05 40 22.8 -0.2	
LAST	Lasithi	88.42 311	P	P	05 40 06.4 -1.8	YLL	Ylleskeris	89.60 338	eP	P	05 40 13.3 +0.2	CBKS	Cedar Bluff	91.73 41	eP	P	05 40 23.5 0.0	
G32A	Webster	88.43 36	P	P	05 40 07.9 0.0	K31A	O'Neill	89.63 38	P	P	05 40 13.4 -0.2	CBKS	Cedar Bluff	91.73 41	eP	P	05 40 23.7 +0.1	
BCLA	Clavier	88.43 332	P	PP	05 40 06.7 -1.1	I33A	Coleman	89.64 36	P	P	05 40 12.8 -0.8	DYA	Yadsworth	91.83 337	eP	P	05 40 22.6 -1.0	
BCLA	Clavier	88.43 332	P	PP	05 40 06.7 -1.1	PYL	PYLOS	89.68 314	P	P	05 40 11.5 -2.4	I38A	Scanlan Farm,	91.83 34	P	P	05 40 23.9 +0.2	
JAN	Janina	88.43 317	P	P	05 40 06.5 -1.6	H34A	Spellman Lake,	89.70 35	P	P	05 40 13.2 -0.6	K36A	Giltre City	91.84 36	P	P	05 40 23.6 -0.2	
LVIA	Wolsey	88.49 315	P	P	05 40 07.4 -0.2	TUE	Stuetta	89.71 327	eP	P	05 40 13.9 -0.2	H39A	Augusta	91.84 33	P	P	05 40 23.5 -0.2	
H31A	Wolsey	88.48 37	P	P	05 40 07.4 -0.8	HLM1	Long Mynd	89.71 337	eP	IAMB	05 40 12.7 -1.0	G40A	Rib Lake	91.89 32	P	P	05 40 24.3 +0.3	
KALE	Kalithhea	88.48 315	P	P	05 40 05.7 -2.7	E37A	Wrenshall	89.90 32	P	P	05 40 14.1 -0.6	E42A	Champion	91.99 30	P	P	05 40 24.9 +0.5	
KALE	Kalithhea	88.48 315	P	P	05 40 05.7 -2.7	F36A	Milaca	89.91 33	P	P	05 40 14.2 -0.6	BNI	Bardonecchia	92.00 328	eP	P	05 40 23.4 -1.3	
ANX	Ano Chora	88.49 44	P	P	05 40 06.3 -2.9	G35A	Watkins	89.93 34	P	P	05 40 14.7 -0.2	F41A	Three Lakes	92.01 31	P	P	05 40 24.9 +0.4	
Q24A	Divide	88.49 44	eP	P	05 40 08.7 0.0	K3CO	Kaye Sheddock	89.94 43	P	P	05 40 15.1 -0.2	O33A	Hebron	92.05 39	P	P	05 40 23.9 -1.0	
Q24A	Divide	88.49 44	eP	P	05 40 08.7 0.0	K3CO	Kaye Sheddock	89.94 43	P	P	05 40 15.1 -0.2	M35A	Neola	92.06 37	P	P	05 40 24.6 -0.2	
UGC	Uccle	88.51 333	PP	PP	05 40 43.7 +2.4	MHTCO	State Highway	89.95 45	eP	P	05 40 15.9 +0.4	N34A	Lincoln	92.09 38	P	P	05 40 24.0 -1.0	
SERO																		

MNTX	Cornudas Mount	93.02	50	P	P	05 40 29.4	0.0
MNTX	Cornudas Mount	93.02	50	eP	P	05 40 29.2	-0.3
K39A	Olwein	93.05	34	P	P	05 40 28.7	-0.7
J40A	Soldiers Grove	93.07	33	P	P	05 40 29.0	-0.5
E45A	Wooded Hills	93.19	28	P	P	05 40 30.2	+0.3
MSTX	Muleshoe	93.20	47	P	P	05 40 29.8	-0.5
MSTX	Muleshoe	93.20	47	eP	P	05 40 30.3	-0.1
Q34A	Chapman	93.22	40	P	P	05 40 29.9	-0.3
H42A	Shiocton	93.22	31	P	P	05 40 29.5	-0.6
AMTX	Amarillo	93.26	45	P	P	05 40 30.6	0.0
KSU1	Kansas State U	93.27	40	P	P	05 40 29.7	-0.7
KSU1	Kansas State U	93.27	40	eP	P	05 40 30.1	-0.3
P35A	Duane Mimmer	93.28	39	P	P	05 40 30.0	-0.6
N37A	Lee Faris, Mou	93.34	37	P	P	05 40 30.5	-0.2
M36A	Pleasantville	93.37	36	P	P	05 40 31.1	+0.2
O38A	Bolkow	93.41	38	P	P	05 40 30.6	-0.5
K40A	Colesburg	93.42	34	P	P	05 40 30.6	-0.4
FURI	Furi	93.42	282	eP	P	05 40 34.0	+2.0
L39A	Vinton	93.43	35	P	P	05 40 31.0	-0.1
J41A	Loganville	93.44	33	P	P	05 40 31.0	-0.1
R34A	Isabella, Hill	93.49	40	P	P	05 40 31.1	-0.4
F42A	Draeger Farm	93.54	32	P	P	05 40 31.4	-0.1
H45A	CMU Biological	93.59	29	P	P	05 40 32.2	+0.4
P36A	Good Intent, A	93.65	38	P	P	05 40 31.8	-0.4
JFWS	Jewell Farm	93.67	33	P	P	05 40 31.8	-0.4
JFWS	Jewell Farm	93.67	33	eP	P	05 40 32.1	-0.1
JFWS	Jewell Farm	93.67	33	eP	P	05 40 32.1	-0.1
Q35A	Mercer Eighty,	93.75	39	P	P	05 40 32.4	-0.3
O37A	Wolven Farm, M	93.81	37	P	P	05 40 33.3	+0.4
N38A	Joess South For	93.81	37	P	P	05 40 33.1	+0.2
F46A	Macinaw City C	93.83	29	P	P	05 40 32.8	0.0
M39A	Webster	93.83	35	P	P	05 40 33.3	+0.3
U32A	Winter Ranch	93.84	43	P	P	05 40 33.2	0.0
L40A	Anamosa	93.86	35	P	P	05 40 32.7	-0.4
K41A	Shullsburg	93.88	34	P	P	05 40 32.8	-0.4
J42A	Columbus	93.89	33	P	P	05 40 32.5	-0.6
S34A	Willow Spring	93.99	41	P	P	05 40 33.2	-0.5
R35A	Emporia Municip	94.05	40	P	P	05 40 34.6	+0.6
N39A	Derby Farms, D	94.12	36	P	P	05 40 34.2	-0.1
P37A	Lathrop	94.13	38	P	P	05 40 34.0	-0.3
J43A	Natural Harves	94.16	32	P	P	05 40 33.8	-0.6
O38A	Galt	94.19	37	P	P	05 40 34.3	-0.4
L41A	Preston	94.20	34	P	P	05 40 34.0	-0.6
K42A	Prairie Point	94.20	33	P	P	05 40 33.9	-0.7
M40A	Post Highland	94.22	35	P	P	05 40 34.2	-0.5
CLTB	Callabellotta	94.22	319	eP	P	05 40 33.1	-1.9
T34A	McCloskey Farm	94.43	41	P	P	05 40 35.6	-0.2
R36A	Gordon, Harris	94.43	39	P	P	05 40 35.3	-0.5
S35A	Otter Creek Ra	94.44	40	P	P	05 40 35.6	-0.2
P38A	Dawn	94.53	37	P	P	05 40 35.8	-0.4
O39A	Kirksville	94.57	36	P	P	05 40 36.2	-0.2
N40A	Mertquake, Sal	94.57	35	P	P	05 40 36.5	+0.1
VLD0	Val d'Or	94.58	23	eP	P	05 40 35.1	-1.0
Q37A	Longview Farm,	94.59	38	P	P	05 40 35.8	-0.7
L42A	Oliver, Polo	94.65	34	P	P	05 40 36.1	-0.5
GLMI	Grayling	94.66	29	P	P	05 40 36.9	+0.2
R37A	Riviere de l'E	94.67	248	eP	P	05 40 36.8	-0.4
M41A	Milan	94.71	35	P	P	05 40 36.8	-0.2
K43A	Burlington	94.73	32	P	P	05 40 36.6	-0.4
S36A	Lake Cedric, C	94.81	40	P	P	05 40 37.4	-0.1
SLBS	Sierra La Lagu	94.84	59	eP	P	05 40 39.4	+1.4
T35A	Sooner Cattle	94.88	41	P	P	05 40 37.9	0.0
VSL	Villasalto	94.89	323	eP	P	05 40 37.1	-0.8
L43A	Garden Prairie,	94.94	33	P	P	05 40 37.5	-0.5
Q38A	Cooks Store, C	94.97	38	P	P	05 40 37.4	-0.8
O40A	La Belle	95.00	36	P	P	05 40 37.9	-0.4
M42A	Sheffield	95.03	34	P	P	05 40 38.8	+0.4
P39B	Salisbury	95.03	37	P	P	05 40 38.2	-0.2
N41A	Harden Midland	95.07	35	P	P	05 40 38.6	0.0
WMOK	Wichita Mounta	95.10	44	P	P	05 40 38.2	-0.7
WMOK	Wichita Mounta	95.10	44	eP	P	05 40 39.7	+0.8
T36A	Boggs Farm, Ca	95.13	41	P	P	05 40 39.1	+0.1
U35A	Pawnee	95.15	42	P	P	05 40 38.6	-0.4
U35A	Pawnee	95.15	42	eP	P	05 40 38.8	-0.3
S37A	Fort Scott	95.20	39	P	P	05 40 38.9	-0.4
Q39A	Willow Grove F	95.24	38	P	P	05 40 39.0	-0.4
L44A	Lake County Fo	95.33	33	P	P	05 40 39.5	-0.3
P40A	Paris	95.36	37	P	P	05 40 39.9	-0.1
N42A	Yates City	95.38	35	P	P	05 40 39.6	-0.4
R38A	Fenwick Farm,	95.39	39	P	P	05 40 38.9	-1.2
M43A	Waltham Townsh	95.42	34	P	P	05 40 40.2	0.0
O41A	Passleys Farm,	95.50	36	P	P	05 40 40.3	-0.3
V35A	Meyer Ranch, C	95.52	42	P	P	05 40 40.1	-0.7
V35A	Meyer Ranch, C	95.52	42	eP	P	05 40 41.1	+0.3
T37A	Cheneyville 18	95.62	40	P	P	05 40 40.7	-0.5
OK020	N3440 Road, Me	95.65	42	eP	P	05 40 41.9	+0.5
TX31	Lajitas Ar	95.67	51	eP	P	05 40 41.5	-0.2
TXAR	Lajitas Array	95.67	51	P	P	05 40 41.5	-0.3
TXAR	comp=Z,11nm,1.0s,baz=298,slow=2.7,SNR=3.6					05 42 09.0	+3.0
TXAR	comp=Z,63nm,1.1s,baz=289,slow=3.8,SNR=4.6					05 44 41.9	+3.9
TXAR	comp=Z,1.2nm,0.9s,baz=132,slow=1.3,SNR=2.3					05 50 43.3	+0.4

TXAR	comp=Z,1.2nm,0.8s,baz=130,slow=5.1,SNR=3.5						
U36A	Oologah	95.69	41	P	P	05 40 41.0	-0.6
OK021	N430 Road, Sp	95.70	42	eP	P	05 40 41.9	+0.3
N43A	Stutzman Famil	95.71	34	P	P	05 40 41.2	-0.3
Q40A	Laux Farm, Aux	95.75	37	P	P	05 40 41.6	-0.1
P41A	Laux Farm, Aux	95.75	36	P	P	05 40 41.4	-0.3
R39A	Chumby, Stover	95.75	38	P	P	05 40 41.1	-0.7
OK022	N430 Road, Sp	95.78	42	eP	P	05 40 40.6	-1.4
S38A	Stockton	95.80	39	P	P	05 40 40.8	-1.1
O42A	Bath	95.84	35	P	P	05 40 41.5	-0.6
M44A	Midewin, Midew	95.89	33	P	P	05 40 42.0	-0.4
W35A	Tecumseh	95.93	42	P	P	05 40 42.3	-0.3
W35A	Tecumseh	95.93	42	eP	P	05 40 42.9	+0.3
HDIL	Hopedale	95.95	34	P	P	05 40 42.4	-0.2
HDIL	Hopedale	95.95	34	eP	P	05 40 42.9	+0.3
TUL1	Leonard	96.01	41	P	P	05 40 42.6	-0.4
V36A	Jenks	96.01	41	P	P	05 40 43.4	+0.4
V36A	Jenks	96.01	41	eP	P	05 40 42.7	-0.3
T38A	Diamond	96.02	40	P	P	05 40 42.4	-0.6
U37A	Salina	96.03	41	P	P	05 40 42.8	-0.3
ABTX	Ablene, Hawle	96.04	46	P	P	05 40 42.7	-0.5
ABTX	Ablene, Hawle	96.04	46	eP	P	05 40 43.5	+0.3
S39A	Bolivar	96.06	39	P	P	05 40 42.2	-1.0
O43A	Sugar Creek Fa	96.15	35	P	P	05 40 43.2	-0.3
R40A	Maddies Statio	96.17	38	P	P	05 40 43.1	-0.6
P42A	Winchester	96.18	36	P	P	05 40 43.4	-0.2
Q41A	Truxton	96.21	37	P	P	05 40 43.0	-0.8
W36A	Wetumka	96.31	42	P	P	05 40 43.9	-0.4
W36A	Wetumka	96.31	42	eP	P	05 40 44.8	+0.5
V37A	Hulbert	96.39	41	P	P	05 40 44.1	-0.6
X35A	Drake	96.40	43	P	P	05 40 44.8	-0.1
X35A	Drake	96.40	43	eP	P	05 40 44.5	-0.4
U38A	Gravette	96.41	40	P	P	05 40 43.9	-0.9
T39A	Clever	96.53	39	P	P	05 40 44.6	-0.8
P43A	Skaggs, Pawnee	96.54	35	P	P	05 40 45.1	-0.2
S40A	Lebanon	96.57	38	P	P	05 40 44.4	-1.1
Q42A	Golden Eagle	96.60	36	P	P	05 40 45.4	-0.2
R41A	Rosebud	96.63	37	P	P	05 40 45.1	-0.6
X36A	Djebel Teioual	96.64	43	P	P	05 40 45.0	-0.9
O44A	Mansfield	96.66	34	P	P	05 40 45.4	-0.4
W37B	Quinton	96.76	42	P	P	05 40 46.3	-0.1
W37B	Quinton	96.76	42	eP	P	05 40 46.8	+0.3
HHAR	Hobbs	96.77	40	P	P	05 40 46.5	+0.1
V38A	Canehill	96.81	41	P	P	05 40 45.7	-0.9
SAD0	Sadova	96.86	26	P	P	05 40 46.9	+0.3
CCM	Cathedral Cave	96.88	37	P	P	05 40 46.0	-0.9
CCM	Cathedral Cave	96.88	37	eP	P	05 40 46.3	-0.6
N46A	Monticello	96.89	33	P	P	05 40 47.1	+0.3
T40A	Mansfield	96.89	39	P	P	05 40 46.5	-0.5
O45A	Potomac	96.94	34	P	P	05 40 47.1	0.0
R42A	Luebering	96.94	37	P	P	05 40 46.5	-0.6
U39A	Green Forest	96.94	40	P	P	05 40 46.5	-0.7
SLM	Saint Louis	96.96	36	eP	P	05 40 47.3	+0.1
SLM	Saint Louis	96.96	36	eP	P	05 42 12.1	+0.6
SLM	Saint Louis	96.96	36	eP	P	05 40 47.3	+0.1
SLM	Saint Louis	96.96	36	eP	P	05 42 12.1	+0.6
S41A	Jilco Farms,	96.97	38	P	P	05 40 46.6	-0.7
Q43A	New Douglas	96.99	36	P	P	05 40 46.8	-0.5
P44A	Sand Creek, Wi	97.11	35	P	P	05 40 48.0	+0.1
AAAM	Ann Arbor	97.12	30	eP	P	05 40 52.3	+4.5
AAAM	Ann Arbor	97.12	30	eP	P	05 40 52.2	+4.4
SPIN	Lafayette	97.13	33	P	P	05 40 47.6	-0.3
SPIN	Lafayette	97.13	33	eP	P	05 40 48.1	+0.2
Y36A	Durant	97.16	43	P	P	05 40 48.2	0.0
TRQ	Mont Tremblant	97.19	22	eP	P	05 40 49.1	+0.9
X37A	Clayton	97.19	42	P	P	05 40 48.3	-0.1
X37A	Clayton	97.19	42	eP	P	05 40 48.7	+0.4
V39A	Pettigrew	97.25	40	P	P	05 40 47.9	-0.7
U40A	Yellie	97.30	39	P	P	05 40 48.1	-0.7
W38A	Poteau	97.33	41	P	P	05 40 48.9	-0.1
S42A	Caledonia	97.33	37	P	P	05 40 48.9	0.0
FVM	French Village	97.36	37	eP	P	05 40 49.1	+0.1
FVM	French Village	97.36	37	eP	P	05 40 49.1	+0.1
Q44A	Meyer Farm, Va	97.36	35	P	P	05 40 48.4	-0.5
T41A	Mountain View	97.37	38	P	P	05 40 48.0	-1.1
R43A	Red Bud	97.39	36	P	P	05 40 48.9	-0.2
JCT	Junction City	97.41	48	P	P	05 40 49.6	+0.2
JCT	Junction City	97.41	48	eP	P	05 40 49.2	-0.2
JCT	Junction City	97.41	48	eP	P	05 40 49.2	-0.2
X38A	Whitesboro	97.44	42	P	P	05 40 49.7	

Table with columns: STHS, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

KRSC 01 06:11:38.7-1.5, 50.91N:159.11E, h55km, 18km, ML5.2
ISCBJ 01 06:11:39.9-0.5, 50.87N:0.03-159.07E:0.04, h40km, 4km, mb4.5/101, Error ellipse: s-maj=5.7km s-min=3.4km

BJI 01 06:11:39.9, 51.02N:158.87E, h42km, mb4.6/35, mB5.0/4, Ms4.9/8, Ms7.4/9
MOS 01 06:11:41.3-0.9, 50.98N:158.95E, h49km, mb4.7/37, Error ellipse: s-maj=7.8km s-min=2.8km az=90.4
NEIC 01 06:11:41.5-0.2, 50.96N:159.00E, mb4.7/29, Error ellipse: s-maj=6.3km s-min=3.9km az=150.0
IDC 01 06:11:41.8-0.5, 51.02N:158.89E, h35km, 3km, mb4.1/28, mb1.4/2/32, mb1mx4.2/41, mbimp4.2/32, ML3.9/3, Error ellipse: s-maj=1.1, 7km s-min=9.5km az=124.0
ISC 01 06:11:41.4-0.4, 50.90N:0.05-159.07E:0.04, h39km, 2km, h39km, pp-P, n337, r1929/403, mb4.7/101, 31C-13D, East of Kuril Islands

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

Main table of station data with columns: BKI, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

Main table of station data with columns: TLY, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKN, PKI, PDAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PSZ, DRGR, MLR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes South Island stations like MSZ, MSZ, DCZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BRVK, ZALV, NVS, PDGK, etc.

ISCJB 01 08:08:48.0.9.57.9S:0.3:148.9W:0.2, h10km, mb4.0/7, Error ellipse: s-maj=37.0km s-min=17.2km az=179.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WRA, ILAR, YKA, MKAR, ZALV, etc.

ISC 01 08:08:50.7.0.58.0S:0.3:148.8W:0.1, h10km, n21, +s12.12, mb4.1/7, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ALN, VWA, PLCA, STKA, etc.

ISC 01 08:18:15.2:11.0, 7.90S:129.03E, h157km, 86km, 3.6/1.1, mb1 3.3/3, mb1mx2.9/30, mbtmp3.6/3, Error ellipse: s-maj=106.2km s-min=74.4km az=80.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Green Lake, Green Lake, Afiamatu, etc.

HEL 01 08:40:46.60,3,67.83N:20:13E, h0km, ML1.2, Explosion, Sweden. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ERTU Ertsjaerv, ERTU Kalix, KALU Torneo, etc. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ICD 01 08:41:09.44,1.1,52.09N:95.96E, h0km, mb3.8/3, mb1 3.6/7, mb1mx3.2/50, mbtmp3.5/7, ML2.6/4, MS3.4/2, Ms1 3.3/2, ms1mx2.9/53, Error ellipse: s-maj=31.2km s-min=12.9km az=173.0

MOS 01 08:41:11.0,2.6,52.27N:95.53E, h10km, mb3.9/1, Error ellipse: s-maj=24.4km s-min=13.1km az=7.1

ISC 01 08:41:10.0,0.8,52.00N:101.9590E:0.06, h10km, n20, z=290.19, mb3.9/3, Southwest Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ORL Oriik, MOY Mody, MOY Arshan, etc.

MEX 01 08:46:48.6,0.3,15.94N:95.71W, h64km, 7km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HUIG Huatulo, HUIG Vista Hermosa, etc.

ICD 01 08:59:46.5,0.8,8.04S:119.00E, h0km, mb3.8/9, mb1 4.0/11, mb1mx3.8/53, mbtmp3.8/11, ML 4.0/2, Error ellipse: s-maj=38.6km s-min=10.9km az=56.0

ISCJB 01 08:59:49.4,0.3,8.21S:10.04W:118.83E:0.03, h34km, mb3.9/12, Error ellipse: s-maj=6.3km s-min=4.7km az=110

DJA 01 08:59:49.1,0.2,8.2S:2.119E, h10km, M4.5/13, mb4.7/3, ML4.4/13

NEIC 01 08:59:52.1,1.2,8.30S:118.72E, h44km, 13km, mb4.0/2, Error ellipse: s-maj=16.7km s-min=9.0km az=220.0

ISC 01 08:59:50.9,0.6,8.24S:104.11880E:0.04, h34km, n34, z=172/39, mb3.8/12, Sumbawa region

WRA Warramunga Arr, Alice Springs, ASAR, etc. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

CMAR Chiang Mai Arr, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

NEIC 01 09:05:48.7,0.0,43.53S:172.77E, h7km, ML4.0(WEL), After WEL

NEIC Felt widely in the Christchurch area. WEL 01 09:05:48.5,0.5,44.2S:172.73E, h5km, 1km, ML4.1/65, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, etc.

ICD 01 09:07:53.8,5.4,29.67S:179.20W, h0km, mb3.2/2, mb1 3.4/2, mb1mx3.2/25, mbtmp3.2/2, Error ellipse: s-maj=241.1km s-min=86.1km az=166.0, Kermadec Islands region

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

KRNET 01 09:27:43.3,0.1,40.76N:78.44E, mb3.4 SOME 01 09:27:45.3,40.85N:78.57E, h10km

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

2012 JAN

Table with columns: WNT, JISG, TWG, WDLH, STYT, CHN4, WTP, CHN1, CHN1, JTJ, EAST. Includes station names, times, and phases.

Table with columns: WRA, WR1, WR1, COEN, MBWA, AS31, ASAR, AS31, ASAR, ASO1, FORT, BBOO, STKA, STKA, IPM, KULM, CML3, CMAR. Includes station names, times, and phases.

Table with columns: NEIC 01 10:24:00.6,0.0, 17.09N-101.26W, h13km, MD4.0(MEX), After MEX. Includes station names, times, and phases.

IDC 01 09:51:27.5:0.8, 38.04N:144.17E, h0km, mb3.6/8, mb1 3.8/12, mb1mx3.6/53, mbtmp3.7/12, ML3.3/4, MS3.1/2, Ms1 3.2/2, ms1mx2.7/31, Error ellipse: s-maj=21.2km s-min=16.7km az=112.0

CMAR comp=2.24nm,18.5s,baz=336,slow=41 SNOA0 Songoing Array 56.66 341 eP P 10 11 39.8 +0.3

IDC 01 10:37:47.2:4.5, 18.14S:65.16E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.2/62, mbtmp3.5/4, Error ellipse: s-maj=126.8km s-min=38.5km az=62.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OFUJ, OLU, JIO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MK01, MK31, MK32, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H0BS1, H0BS2, H0BS3, etc.

IDC 01 10:02:02.1:1.3, 3.80S:130.08E, h0km, mb4.0/6, mb1 4.2/8, mb1mx3.8/90, mbtmp4.0/8, ML4.0/2, MS3.1/1, Ms1 3.3/1, ms1mx2.6/35, Error ellipse: s-maj=7.9km s-min=18.0km az=69.0

CSEM 01 10:19:40.0, 38.58N:29.26W, h2km, ML3.2 PDA 01 10:19:40.0:1.2, 38.58N:29.26W, h2km, ML3.2, ML3.2, Error ellipse: s-maj=7.5km s-min=7.4km az=164.0, Azores Islands

IDC 01 11:02:48.0:0.6, 11.96N:143.72E, h0km, mb4.2/16, mb1 4.3/16, mb1mx4.1/50, mbtmp4.2/16, MS3.5/13, Ms1 3.5/13, ms1mx3.4/44, Error ellipse: s-maj=22.2km s-min=14.7km az=98.0

ISCBJ 01 10:02:11.0:1.4, 0.46S:0.03E:129.75E:0.04, h90km, 4km, mb4.5/12, Error ellipse: s-maj=7.6km s-min=4.7km az=153.4

ISCBJ 01 10:23:15.7:1.0, 49.07N:0.03E:20.98E:0.04, h12km, 12km, n12, c037/19, Poland

NEIC 01 11:02:54.4:0.2, 11.99N:143.38E, h35km, mb4.8/61, Error ellipse: s-maj=10.7km s-min=6.5km az=111.0

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

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

ISCBJ 01 11:02:52.6:0.3, 11.99N:143.32E:0.07, h33km, mb4.6/79, MS3.5/12, Error ellipse: s-maj=10.5km s-min=6.8km az=19.8

NEIC 01 11:02:52.6:0.3, 11.99N:143.38E, h35km, mb4.8/61, Error ellipse: s-maj=10.7km s-min=6.5km az=111.0

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

KTH	13nm, 1.2s	68.47	26	eP	P	11 13 52.4	-0.2
BPAW	Bear Paw Mtn. 14nm, 1.3s	68.60	25	eP	P	11 13 54.0	+0.7
TRF	Thorofore Moun 14nm, 1.3s	68.71	26	eP	P	11 13 53.1	-1.1
PMR	Palmer 14nm, 1.4s	68.73	28	eP	P	11 13 54.3	+0.2
MLY	Manley 12nm, 1.3s	68.98	24	eP	P	11 13 56.3	+0.6
RND	Reindeer 2.6nm, 1.0s	69.32	26	eP	P	11 13 58.0	+0.2
COLD	Coldfoot 7.8nm, 0.9s	69.85	22	eP	P	11 14 01.5	+0.5
DHY	Denali Highway 5.8nm, 1.0s	69.89	27	eP	P	11 14 01.6	+0.1
MDM	Murphy Dome 11nm, 1.5s	69.98	25	eP	P	11 14 02.6	+0.8
KLU	Klutina 13nm, 1.2s	70.20	29	eP	P	11 14 05.1	+1.8
KLU	Harding Lake 8.3nm, 1.0s	70.38	26	eP	P	11 23 19.4	+6.0
HDA						11 14 05.8	+1.6
BVAR	Borovoye Array 3.5nm, 0.3s, baz=108, slow=8, SNR=30	70.48	322	P	P	11 14 04.8	-0.3
ILAR	Eielson Array 2.5nm, 0.7s, baz=250, slow=7, SNR=16	70.49	25	eP	P	11 14 03.0	-2.0
ILAR						11 41 48.9	
ILB	Eielson Array 7.7nm, 1.1s	70.49	25	eP	P	11 14 06.0	+1.1
PAX	7.7nm, 1.1s	70.71	27	eP	P	11 14 07.8	+1.4
DOT	Dot Lake 20nm, 0.8s	71.46	27	eP	P	11 14 11.4	+0.5
FYU	Fort Yukon 22nm, 1.4s	71.57	24	eP	P	11 14 13.3	+1.9
HYT	Haines Junction 27nm, 1.5s	74.15	30	eP	P	11 14 27.9	+0.8
INK	Inuvik 7.8nm, 0.8s, baz=275, slow=5.3, SNR=22	76.27	22	P	P	11 14 38.5	-0.4
INK	Inuvik 8.7nm, 0.8s	76.27	22	eP	P	11 14 38.5	-0.4
ABKAR	Abkukul array 3.0nm, 1.0s	77.69	318	eP	P	11 14 42.6	-0.6
ARU	Art 1.7nm, 0.5s, baz=119, slow=10, SNR=3.7	77.43	325	P	P	11 14 44.7	-0.9
DLBC	Dease Lake 24nm, 1.5s	77.94	32	eP	P	11 14 49.9	+1.3
GEYT	Alibek 2.3nm, 0.8s, baz=108, slow=4.8, SNR=6.5	79.28	307	P	P	11 14 56.4	0.0
HUMO	Hull Mountain 2.9nm, 0.8s	84.43	48	eP	P	11 15 25.1	+1.7
YKW3	Yellowknife Ar 4.5nm, 1.1s	84.77	27	eP	P	11 15 26.1	+1.5
YBH	Yreka Blue Hor 4.7nm, 0.7s	84.78	49	eP	P	11 15 26.6	+1.4
YKA	Yellowknife Ar 1.8nm, 0.5s, baz=289, slow=5.5, SNR=26	84.80	27	P	P	11 15 24.3	-0.4
LTKA	Liberty 5.2nm, 1.0s	85.08	43	eP	P	11 15 27.1	+0.4
B08A	Colville Reser 10.0nm, 1.1s	85.72	42	eP	P	11 15 30.6	+0.9
HAWA	Hamford 4.3nm, 0.8s	86.03	44	eP	P	11 15 33.9	+2.6
ORV	Oroville 1.4nm, 0.6s	86.12	51	eP	P	11 15 34.9	+3.0
D08A	Wollman Farm, 8.3nm, 1.0s	86.29	43	eP	P	11 15 35.0	+2.5
MOD	Modoc Plateau 8.1nm, 1.4s	86.50	48	eP	P	11 15 35.6	+1.7
C09A	Chrisman Ranch 4.9nm, 0.9s	86.54	42	eP	P	11 15 35.6	+1.8
BEKA	Beckworth 5.2nm, 0.9s	86.92	50	eP	P	11 15 38.3	+2.3
E09A	Wood Farm, Sta 5.8nm, 0.8s	86.94	43	eP	P	11 15 37.2	+1.4
NEW	Newport 9.5nm, 0.8s	87.18	41	eP	P	11 15 38.6	+1.7
CMB	Columbia Colle 2.6nm, 0.9s	87.31	52	eP	P	11 15 38.8	+1.0
J08A	Circle Bar Ran 9.9nm, 0.9s	87.48	46	eP	P	11 15 40.5	+2.0
WYOR	Wild Horse Val 2.9nm, 0.8s	87.58	47	eP	P	11 15 39.9	+0.8
PNTR	Pine Nut 5.4nm, 0.9s	87.67	51	eP	P	11 15 42.9	+3.2
PAHR	Path Rah Range 5.2nm, 1.1s	87.68	50	eP	P	11 15 41.9	+2.2
F10A	Beach Ranch, E 5.4nm, 0.9s	87.69	44	eP	P	11 15 40.8	+1.3
BMO	Blue Mountains 5.1nm, 1.2s	87.92	45	eP	P	11 15 41.5	+0.9
WAKR	Walker 5.1nm, 1.2s	87.92	51	eP	P	11 15 44.2	+3.3
ARAO	ARCESS Array S 88.25 342	P	P	11 15 41.6	+0.1		
ARCES	ARCESS Array B 9.8nm, 0.9s, baz=89, slow=6.5, SNR=7.8	88.25 342	P	P	11 15 41.6	0.0	
NV01	Mina Array Sit 8.8 51 P	P	P	11 15 46.2	+1.1		
NVAR	Mina Array Arr 5.8nm, 0.8s, baz=261, slow=6.1, SNR=39	88.51 51	P	P	11 15 46.2	+1.1	
KVN	Kaiserville 4.4nm, 0.8s	88.61	50	eP	P	11 15 46.0	+1.0
NV11	Mina Array Sit 0.3nm, 0.8s	88.92	51	eP	P	11 15 46.5	+1.0
MFID	Camas Ranch 8.8nm, 0.8s	89.33	46	eP	P	11 15 48.2	+0.9
HLID	Halley 4.1nm, 0.9s	90.27	45	eP	P	11 15 54.5	+2.6
TPNV	Topopah Spring 5.4nm, 0.8s	90.76	52	eP	P	11 15 57.5	+3.3
MCMT	McKenzie Canyo 9.0 44 eP	P	P	11 15 56.7	+1.5		
DLMT	Dillon 1.7nm, 0.9s	90.98	43	eP	P	11 15 57.6	+2.6
SHPR	Sheep Range 2.5nm, 0.9s	91.72	52	eP	P	11 16 02.2	+3.5
FA1A	FINES Array S 92.12 335 eP	P	P	11 15 58.0	-1.7		
FA1O	FINES Array S 92.12 335 eP	P	P	11 15 58.0	-1.7		
FINES	FINES Array B 1.7nm, 0.5s, baz=64, slow=12.3, SNR=11	92.12 335	P	P	11 15 58.0	-1.7	
DUG	Dugway Tootle 2.0nm, 1.0s	92.41	48	eP	P	11 16 04.6	+2.8
YNR	Norris Junction 16nm, 1.5s	92.47	43	eP	P	11 16 05.4	+3.3
IMW	Inian Meadow 9.5nm, 0.9s	92.57	44	eP	P	11 16 05.1	+2.5
FXWY	Fox Creek 1.7nm, 0.8s	92.59	45	eP	P	11 16 05.4	+2.7
MOOW	Moose Ponds 5.7nm, 1.5s	92.75	44	eP	P	11 16 06.0	+2.7
RLMT	Red Lodge 3.3nm, 0.7s	93.28	43	eP	P	11 16 08.9	+3.2
PD31	Pinedale Array 93.90 45 eP	P	P	11 16 08.9	+0.2		
PDAR	Pinedale Array 93.90 45 P	P	P	11 16 08.9	+0.2		
PDAR	Pinedale Array 93.90 45 P	P	P	11 16 11.0	+2.3		
LAO	LASA Array 95.68 40 eP	P	P	11 16 14.8	+2.8		
AKASG	Main Array Be comp=Z, 44nm, 19.3s, baz=90, slow=37	96.65 324	LR	LR	12 02 09.3		
MMAI	Mount Meron Ar comp=Z, 12nm, 18.9s, baz=320, slow=39	98.41 306	LR	LR	12 07 11.3		
EIL	Elat comp=Z, 16nm, 18.7s, baz=251, slow=39	99.91 303	LR	LR	12 07 27.6		
LPAZ	La Paz 2.2nm, 0.7s, baz=313, slow=1.6, SNR=9.9	148.86 102	PKPbc	PKPpdf	11 22 37.1	+1.1	

KZLR	Kyzyl 1.12 265 ePg	Pb	11 07 40.8	-2.5
KZLR		Sb	11 07 53.9	-4.0
HVS	Khovu-Aksya 1.74 248d/P	Pn	11 07 51.1	-0.9
ORL	Orlik 2.31 70i/P	Pb	11 08 02.4	-1.0
ORL		Pb	11 08 33.7	
ORL	comp=Z, 355nm, 0.5s	pmax	pmax	
ORL		smax	smax	
MOY	comp=N, 1µm, 0.9s			
MOY	Monday 2.95 91 ePn	Pb	11 08 13.9	-0.5
MOY		e	11 08 54.9	
MOY	comp=Z, 163nm, 0.5s	pmax	pmax	
MOY		smax	smax	
CERR	Cheremushki 3.15 291 ePn	Pn	11 08 11.6	+0.3
CERR		e	11 08 55.6	
CERR	Cheremushki 3.15 291 ePn	Pn	11 08 11.6	+0.3
CERR		e	11 08 15.9	-1.7
CERR		Sb	11 08 55.6	-0.5
CERR	Arshan 3.83 86 ePn	Pg	11 08 30.4	-4.5
CERR		e	11 09 21.1	
ARS	comp=Z, 247nm, 0.8s	pmax	pmax	
ARS		smax	smax	
ARS	comp=E, 3µm, 0.9s			
ARS	Talya 4.59 89 Pg	Pg	11 08 44.0	+1.7
ARS	comp=E, 0.1nm, 0.3s, baz=282, slow=12, SNR=17	Sn	11 09 26.4	+1.8
ARS		Sn		
ARS	comp=E, 0.1nm, 0.3s, baz=35, slow=7.2, SNR=4.4	Lg	11 09 45.0	
ARS		Lg		
ARS	comp=E, 0.3nm, 0.3s, baz=338, slow=15, SNR=13	Pn	11 08 32.0	+0.8
ARS	Talya 4.59 89 ePn	Pn	11 08 32.0	+0.8
ARS	Zakamensk 4.66 105 ePn	Pb	11 08 45.3	+1.9
ARS		pmax		
IRK	Irkutsk 4.97 82 ePn	Pb	11 08 50.1	+1.4
IRK		e	11 09 53.6	
IRK	comp=Z, 97nm, 0.1s	pmax	pmax	
IRK		smax	smax	
TASR	Tashtagol 5.23 284 ePn	Pn	11 08 40.5	+0.6
TASR		e	11 08 54.8	
TASR		e	11 10 00.6	
TASR	Tashtagol 5.23 284 ePn	Pn	11 08 40.5	+0.6
TASR		e	11 08 54.8	
TASR		Sb	11 10 00.6	+1.7
TASR	Artybash 5.57 273 ePn	Pn	11 08 45.8	+1.2
TASR		e	11 08 59.4	
TASR		e	11 09 09.9	+2.3
TASR	Artybash 5.57 273 ePn	Pn	11 08 45.8	+1.2
TASR		e	11 08 59.4	
TASR		e	11 09 09.9	+2.3
TASR	Aktash 5.65 258 ePn	Pn	11 08 47.7	+1.9
TASR		e	11 09 03.9	+1.0
TASR		e	11 10 12.3	
TASR	Aktash 5.65 258 ePn	Pn	11 08 47.7	+1.9
TASR		e	11 09 03.9	+1.0
TASR		e	11 10 12.3	
TASR	Aktash 5.65 258 ePn	Pn	11 08 47.7	+1.9
TASR		e	11 09 03.9	+1.0
TASR		e	11 10 12.3	
TASR	Jazzartov, Alta 5.99 253 ePn	Pn	11 08 51.8	+1.4
TASR	Berchikul 6.07 312 ePn	Pn	11 08 51.5	+0.1
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 26.4	
TASR	Berchikul 6.07 312 ePn	Pn	11 08 51.5	+0.1
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 26.4	
TASR	Berchikul 6.07 312 ePn	Pn	11 08 51.5	+0.1
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 26.4	
TASR	Eltsovka 6.28 287 ePn	Pn	11 08 55.1	+0.8
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 32.1	
TASR	Eltsovka 6.28 287 ePn	Pn	11 08 55.1	+0.8
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 32.1	
TASR	Eltsovka 6.28 287 ePn	Pn	11 08 55.1	+0.8
TASR		e	11 09 07.5	+0.1
TASR		e	11 10 32.1	
TASR	Ongureny 7.13 71 ePn	Pb	11 09 03.2	-2.7
TASR		e	11 09 26.5	
TASR		pmax	pmax	
TASR		pmax	pmax	
ZAAO	Zalesovo Array 7.24 292 ePn	Pn	11 09 09.4	+2.0
ZAAO		e	11 10 05.7	+8.2
ZAAO	Zalesovo Beam 7.24 292 ePn	Pn	11 09 08.8	+1.3
ZAAO	comp=Z, 1.8nm, 0.3s, baz=98, slow=13, SNR=27	Sn	11 10 30.1	+0.4
ZAAO		Sn		
ZAAO	comp=Z, 3.1nm, 0.3s, baz=102, slow=23, SNR=6.6	Lg	11 11 03.8	
ZAAO		Lg		
ZAAO	comp=Z, 8.7nm, 0.3s, baz=122, slow=27, SNR=7.9	Lg	11 09 09.5	+2.0
ZAAO	Zalesovo Beam 7.24 292 ePn	Pn	11 10 30.1	+0.4
ZAAO		Sn	11 10 30.1	+0.4
ZAAO		Lg	11 10 03.8	
ZAAO		Lg	11 09 09.5	+

Table with columns: 1d 12h, KOZT, YURE, YUREGIR, etc. Includes station names like YUREGIR, YUREGIR, YUREGIR, etc. and various numerical data.

Table with columns: HAZ, Te Kaha, PUKETTI, etc. Includes station names like Te Kaha, PUKETTI, PUKETTI, etc. and various numerical data.

Table with columns: KVN, Kaiserville, KVN, etc. Includes station names like Kaiserville, KVN, KVN, etc. and various numerical data.

IDC 01 11:28:02.0, 12.00N:143.70E, h0km, mb4.1/15, mb1 4.2/15, mb1mx4.0/35, mbtmp4.1/15, MS3.4/4, Ms1 3.4/4, ms1mx2.9/36, Error ellipse: s-maj=20.3km s-min=15.0km az=91.0

ISCJB 01 11:28:03.4, 0.3 1.36N:0.05:143.59E:0.07, h25km, mb4.2/25, MS3.3/4, Error ellipse: s-maj=10.6km s-min=6.6km az=18.1

NEIC 01 11:28:12.5, 0.2, 11.97N:143.66E, h35km, mb4.6/13, Error ellipse: s-maj=8.9km s-min=5.5km az=93.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like GUM0, GUM0, GUM0, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like MK01, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like EIDS, EIDS, EIDS, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like KURK, KURK, KURK, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like MJAR, MJAR, MJAR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like AAK, AAK, AAK, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like KSRS, KSRS, KSRS, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like GNI, GNI, GNI, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like ASO1, ASO1, ASO1, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like TAOE, TAOE, TAOE, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like KBZ, KBZ, KBZ, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like NEY, NEY, NEY, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like MK01, MK01, MK01, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like M0S, M0S, M0S, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like ZALV, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like MAW, MAW, MAW, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like VSU, VSU, VSU, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like ILAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like CHRN, CHRN, CHRN, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like AKAS, AKAS, AKAS, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like YKA, YKA, YKA, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like VNA1, VNA1, VNA1, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like AK11, AK11, AK11, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s, ISC. Includes station names like WMGZ, WMGZ, WMGZ, etc.

NIED 01 12:06:00, 37.50N, 141.40E, h47km, Mw3.6 Best double couple: M3.22000x1014 NP1.9x236.00000, s21.00000, 7.31.00000 NP2.9x13.00000, s74.00000, 7.76.00000

JMA 01 12:06:41.3, 37.51N, 141.39E, h49km, 1km, M3.5 JMA Felt J1

ISC 01 12:06:50.1, 37.51N, 141.40E, h2km, 23km, mb3.4/7, mb1 3.5/10, mb1mx3.2/48, mbtmp3.7/10, ML3.0/3, Error ellipse: s-maj=26.6km s-min=18.7km az=92.0

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like DCZ Deep Cove, TUUV, KAHZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like FITZ Fitzroy Crossi, MTN Mantion Dam, etc.

ISCJB 01 12:27:54.8-0.2, 43.50S; 0.02:173.02E; 0.03, h10km, mb4.9/25, MS3.9/19, Error ellipse: s-maj=3.8km

IDC 01 12:27:55.3-0.7, 43.32S; 173.25E, h0km, mb4.5/10, mb1.4/6/11, mb1mx4.4/25, mbtmp4.5/11, ML4.2/1, MS3.9/19, mb1.3/9/19, ms1mx3.8/26, Error ellipse: s-maj=23.6km

BUI 01 12:27:56.1-0.9, 42.99S; 173.55E, h23km, mb5.3/13, mb5.4/3, LITZ Ms5.2/5, Ms7.5/04

WEL 01 12:27:57.1-0.4, 43.52S; 173.3E; h9km, 3km, ML5.0/2 NEIC 01 12:27:57.2-0.0, 43.47S; 172.85E, h13km, mb5.1/12, ML5.1(WEL), After WEL

NEIC Felt at Christchurch, Kaiapo and Rangiroa. Felt widely in Canterbury. MOS 01 12:28:03.4-1.2, 43.45S; 172.65E, h55km, mb5.1/4, Error ellipse: s-maj=24.6km s-min=13.1km az=44.8

ISC 01 12:27:56.5-1.2, 43.48S; 0.03:173.00E; 0.03, h5km, 7km, n286, s154/286, mb5.0/25, MS4.0/20, 8C-3D, Off east of South Island

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CRLZ Canterbury Las, CRZL Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like URZ Urewera, MWZ Matawai, TKGZ Te Karaka, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like FITZ Fitzroy Crossi, MTN Mantion Dam, etc.

Table with columns: ENTT, Nioudou, 0.26 317, Pn, 14 23 33.7 -0.2, CHNS, Tsauling, 1.30 230, Pn, 14 23 47.2 +0.3, etc.

Table with columns: CHNS, Tsauling, 1.30 230, Pn, 14 23 47.2 +0.3, FULB, Full, 1.32 199, eP, Pn, 14 23 45.0 -1.6, etc.

Table with columns: ellipsee: s-maj=62.8km s-min=17.7km az=74.0, Code, Station Name, A° AZ', Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res. Includes entries like GUM0 Guam, SARN Sarigan, GENI Geniem, etc.

Table with columns: KMI, Comp, Az, Phase, ID, ISC, Time, Res. Includes entries like CD2 Chengdu, HIA Haiar, PETK Petropavlovsk, etc.

Table with columns: MKAR, MAKZ, MAK2, ZAAO, ZALV, ZALV, ZALV, ZALV, ZALV, etc. Includes entries like Makanchi Array, Makanchi, Makanchi, etc.

IDC 01 15:57:27.9:6.5, 4.99S:134.84E, h0km, mb3.8/1, mb1 3.5/3, mb1mx3.2/31, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=335.5km s-min=33.8km az=80.0, lrian Jaya region

DDA 01 16:02:35.2, 38.65N:44.25E, h7km, M12.9 CSEM 01 16:02:36.1:0.4, 38.66N:44.15E, h2km, MD2.9, Error ellipse: s-maj=94km s-min=5.9km az=90.0

ISK 01 16:02:37.0, 38.67N:44.03E, h8km, MD2.9

ISC 01 16:02:36.2:1.3, 38.63N:0.03:44.18E:0.04, h6km, 10km, n30, c129/47, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CLDR, VMUR, YVAN, etc.

WEL 01 16:03:52.0:0.3, 43.52S:22.173E, h5km, ML3.7/7, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CRLZ, EQYZ, XHZ, etc.

ISC/JB 01 16:11:18.9:0.7, 8.72S:0.04:130.78E:0.09, h33km, mb3.6/2, Error ellipse: s-maj=12.9km s-min=6.1km az=2.4

DJA 01 16:11:23.4:1.1, 8.5S:3.13E, h33km, 17km, M4.2/4, mb4.3/2, ML4.2/4

IDC 01 16:11:25.8:4.6, 8.95S:130.72E, h59km, 49km, mb3.4/2, mb1 3.8/5, mb1mx3.4/33, mbtmp3.8/5, ML3.8/3, Error ellipse: s-maj=49.8km s-min=24.3km az=59.0

ISC 01 16:11:22.5:0.8, 8.74S:0.06:130.7E:0.1, h35km, n9, c184/12, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SAUI, FAKI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SOEI, FITZ, KAPI, etc.

ISC 01 16:19:43.1:1.8, 51.34N:0.08:16.07E:0.06, h0km, n12, c675/24, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KSP, UPC, DPC, etc.

ISC/JB 01 16:30:25.6:0.7, 41.84N:0.07:142.57E:0.06, h46km, 7km, mb3.4/3, Error ellipse: s-maj=12.0km s-min=6.1km az=156.2

JMA 01 16:30:25.7:0.1, 41.87N:142.62E, h33km, 2km, M3.3

IDC 01 16:30:29.6:2.1, 41.85N:142.52E, h6km, 18km, mb3.2/9, mb1 3.3/11, mb1mx3.2/48, mbtmp3.4/11, Error ellipse: s-maj=22.7km s-min=14.4km az=102.0

ISC 01 16:30:26.9:1.0, 41.87N:142.57E:0.05, h38km, 2km, n27, c154/26, mb3.3/9, 4C-3D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JNBK, JEM, JB72, etc.

IDC 01 16:39:06.3:1.2, 30.27S:71.99W, h0km, mb3.6/2, mb1 3.9/7, mb1mx3.8/31, mbtmp3.7/7, ML3.7/5, Error ellipse: s-maj=43.4km s-min=29.9km az=83.0

SJA 01 16:39:08.1:2, 30.31S:71.99W, h54km, 39km, ML4.1, MW3.9

GUC 01 16:39:11.4:0.6, 30.35S:71.43W, h45km, 4km, ML4.0

ISC 01 16:39:12.3:1.5, 30.35S:0.05:71.6W:0.1, h44km, 17km, n30, c1963/23, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TLL, LCO, VACH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ASAL, VCA, ARCO, etc.

ISC/JB 01 16:40:31.6:0.8, 22.77N:0.2:45.1W:0.1, h14km, mb3.8/11, MS4.0/23, Error ellipse: s-maj=23.4km s-min=16.4km az=169.3

IDC 01 16:40:31.1:1.0, 22.60N:45.14W, h0km, mb3.7/11, Mb1 4.0/11, mb1mx3.8/42, mbtmp3.7/11, MS4.0/22, Ms1 4.0/22, ms1mx3.9/38, Error ellipse: s-maj=29.6km s-min=19.1km az=176.0

ISC 01 16:40:33.1:0.9, 22.61N:0.2:45.1W:0.1, h14km, n31, c093/11, mb4.0/11, MS4.0/23, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SCHO, ESDC, DBIC, etc.

IDC 01 16:40:36.1:6.5, 4.16S:143.15E, h75km, 70km, mb3.4/5, mb1 3.7/7, mb1mx3.4/37, mbtmp3.8/7, ML3.7/1, MS3.0/1, Ms1 3.0/1, ms1mx2.4/26, Error ellipse: s-maj=42.4km s-min=24.4km az=155.0, New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc.

DDA 01 16:45:01.4:1.1, 40N:39.88E, h7km, M12.9

ISC/JB 01 16:45:02.9:0.9, 41.10N:0.05:39.89E:0.04, h10km, 5km, Error ellipse: s-maj=8.8km s-min=4.6km az=159.9

ISK 01 16:45:02.1, 41.06N:39.94E, h15km, MD2.9

CSEM 01 16:45:03.0,2.0,4.1,071N-39.91E,h12km,MD2.9,Error ellipse: s-maj=4.8km s-min=2.7km az=159.0

ISC 01 16:45:02.5-1.1,41.080N,0.05-39.91E,0.03,h13km,7km,n23,c0f72/40,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Trabzon, Ayd-ntepe-Bay, Kelkit, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KIW, MTW, MTW, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PRGZ, TARZ, TARZ, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like URZ, URZ, URZ, etc.

ISCJB 01 16:45:02.0,4.0,5.43,50S,0.03,173.03E,0.03,h9km,3km,mb5.2/46,MS4.3/24,Error ellipse: s-maj=5.4km

s-min=2.1km az=140.8

BUI 01 16:45:03.6,43.51S,172.78E,h6km,mb5.3/16,mb5.7/10,MS5.4/10,MS7.5/18

IDC 01 16:45:04.2,0.4,43.24S,172.82E,h0km,mb4.9/14,mb1.4/9.15,mb1mx4.8/28,mbtmp4.9/15,ML4.7/11,MS4.3/20,MS1.4/3.20,ms1mx4.2/30,Error ellipse: s-maj=15.0km

s-min=12.0km az=156.0

NEIC 01 16:45:05.0,0.0,43.48S,172.88E,h14km,mb5.2/15,ML5.5(WEL),Alter Well

NEIC [V] at Christchurch. Also felt at Ashburton, Burnham, Darfield, Duneid, Hammer Springs, Lyttelton, Rangiora, Seltton and Waikuku

WEL 01 16:45:05.1,0.4,43.2S,17.3E,h10km,4km,ML5.4/5

GCMT 01 16:45:05.0,0.2,43.53S,172.69E,h12km,MW5.2/107, Moment Tensor Solution. s0,674; s107,173;

Duration: 150 Moment tensor: Scale 10^17Nm; M0=0.74e+01; M00=0.20e+01; M09=0.53e+01; M02=0.6e+04; M09=0.44e+01; M09=0.08e+04; Best double couple: M0=0.83400e+17 Np1=48.00000e+03; s54.00000e+03

Principal axes: T 0.6050, P1g75.0000, Azm7.0000; N 0.0590, P1g13.0000, Azm218.0000; P -0.8200, P1g8.0000, Azm12.0000; Azm12.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

MOS 01 16:45:06.8,1.2,43.32S,172.61E,h2km,mb5.4/10, Error ellipse: s-maj=13.9km s-min=11.5km az=115.4

ISC 01 16:45:04.7,0.7,43.46S,0.03,172.92E,0.03,h8km,3km,n501,c1f54/508,mb5.2/46,MS4.3/24,13C-7D,South Island

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

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KIW, MTW, MTW, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PRGZ, TARZ, TARZ, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like URZ, URZ, URZ, etc.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include Canterbury Las, Queen's Vall, Oxford, Lake Taylor.

WEL 01 16:48:11.2±0.6, 43°S, 2°17'3E, h7km, ML3.7/4, South Island

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include Canterbury Las, Eyrewell, Queen's Vall, Oxford, Lake Taylor.

ISCJB 01 16:50:15.1±0.4, 43°48'S, 0°03'172.94E±0.04, h10km, mb3.0/2, Error ellipse: s-maj=5.8km s-min=2.6km

IDC 01 16:50:15.1±1.6, 43°27'S, 172°86'E, h0km, mb3.8/2, mb1.4/3, mb1mx3.8/28, mbtmp3.9/3, ML3.6/1, Error ellipse: s-maj=54.8km s-min=14.6km az=154.0

NEIC 01 16:50:16.8±0.0, 43°44'S, 172°84'E, h12km, ML4.2(WEL), After WEL

NEIC Felt at Christchurch, WEL 01 16:50:17.3±0.5, 43°S, 2°17'3E, h5km, ML4.3/4

ISC 01 16:50:16.0±0.8, 43°45'S, 0°04'172.91E±0.04, h10km, m71, ±0.97772, South Island

Large table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Eyrewell, Queen's Vall, etc.

NEIC 01 16:54:43.1±0.0, 43°45'S, 172°89'E, h15km, ML4.1(WEL), After WEL

NEIC Felt in the Christchurch area, WEL 01 16:54:43.8±0.5, 43°52'S, 17°3E, h5km, ML4.0/4, South Island

Large table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Eyrewell, Queen's Vall, etc.

Large table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like SFK, ARSB, NRN, TOKL, AML, UCH, KZA, ARK, EKS2, AAK, MNAS, MRKS, BOOM, KST, DGS, IUG, KK31, BRLS.

NEIC 01 17:06:45.2±0.0, 43°46'S, 172°88'E, h10km, ML4.1(WEL), After WEL

WEL 01 17:06:45.6±0.0, 43°S, 2°17'3E, h5km, ML4.0/4, South Island

WEL 01 16:55:18.0±0.4, 43°S, 2°17'3E, h5km, ML3.0/3, South Island

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Queen's Vall, Oxford, etc.

ISCJB 01 17:02:04.4±0.9, 56°45'S, 0°1×147°0E±0.4, h11km, mb4.1/6, MS3.6/3, Error ellipse: s-maj=30.5km s-min=17.1km

IDC 01 17:02:04.5±0.9, 56°32'S, 146°93'E, h0km, mb4.2/6, mb1.4/6, mb1mx4.1/26, mbtmp4.2/6, MS3.7/3, MS1.3/7/3, mb1mx3.4/6, Error ellipse: s-maj=36.7km s-min=23.0km az=76.0

ISC 01 17:02:06.1±0.1, 56°33'S, 0°2×147°0E±0.3, h11km, m19, ±1.923/11, mb4.2/6, MS3.6/3, West of Macquarie Island

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Vanda, Warramunga Arr, STKA, URZ, H01W1, H01W2, H01W3, ASAR, DZM, WRA, HNR, H08S2, H08S1, H08S3, CMAR, YKA, AKASA, FINES, GERES, ARCES.

WEL 01 16:51:29.2±0.7, 43°S, 2°17'3E, h7km, ML3.6/3, South Island

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Queen's Vall, Oxford, etc.

WEL 01 16:53:38.1±0.3, 43°S, 1°17'3E, h5km, ML3.5/4, South Island

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Queen's Vall, Oxford, etc.

Large table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Lists various stations like Canterbury Las, Queen's Vall, Oxford, etc.

1d 17h

Table with columns: DCZ, VRZ, MOVZ, TRVZ, KRHZ, BHHZ, TUVZ, KOVZ, KAHZ, NGZ, TWVZ, WTVZ, APZ, KRVZ, KWHZ, MCHZ, BKZ, HIZ. Includes station names, coordinates, and times.

MEX 01 17:13.01.0.3, 27.65N x 122.40W, h10km, MD3.5, Baja California. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

IDC 01 17:15:39.0.2.2, 10.26N, 92.02E, h0km, mb3.3/3, mb1.3/5.4, mb1mx3.0/50, mbtmp3.2/4, ML3.2/1, Anderson ellipse: s-maj=71.8km s-min=26.4km az=66.0, Andaman Islands region. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

ROM 01 17:16:57.6.0.4, 46.67N, 9.75E, h9km, 8km, Md2.6/6, M2.2/3, Error ellipse: s-maj=13.3km s-min=2.7km az=165.0. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

ISCJB 01 17:16:57.1.0.2, 46.71N, 0.02E, 9.74E, 0.02, h8km, 2km, Error ellipse: s-maj=2.9km s-min=1.8km az=172.0. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

CSEM 01 17:16:58.0.0.1, 46.70N, 9.77E, h10km, ML2.6/21, Error ellipse: s-maj=3.5km s-min=2.1km az=171.0. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

DAVOX Davos/Dischmat 0.14 50iP Pg Pg 17 17 00.9 -0.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

DAVOX Davos/Dischmat 0.14 50iP Pg Pg 17 17 00.9 -0.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

DAVOX Davos/Dischmat 0.14 50iP Pg Pg 17 17 00.9 -0.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FETA 27mm,0.2s eSg Sg 17 17 22.0 -1.0. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Fusio 0.77 252iP Pg Pg 17 17 12.6 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

FUSIO Muggio 0.91 212 ePg Pg Pg 17 17 15.2 -0.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 Pn Pn 17 17 52.6 +2.2. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

MOA Molln 3.30 68 eSn Sn Sn 17 18 31.3 +1.5. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

IDC 01 17:20:04.6.4.0, 28.71N, 177.41W, h0km, mb3.5/2, mb1.3/7.2, mb1mx3.5/27, mbtmp3.5/2, MS3.0/2, Ms1.3.0/2, ms1mx2.7/17, Error ellipse: s-maj=85.4km s-min=24.6km az=110.0, Kermadec Islands region. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

RAO Raoul Island 0.69 219 Pn Pn 17 20 22.0 +0.3. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

AFI Afiamalu 15.63 21 LR LR 17 28 29.7. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

ASAR Alice Springs 43.74 265 P P 17 28 13.2 +1.2. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

Code Station Name Az Az' Phase ID Time Res. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

NNC 01 17:25:45.0.4.0, 38.81N, 69.48E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=32.5km s-min=22.0km az=26.0. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

ISK 01 17:27:46.1, 38.68N, 43.15E, h8km, MD2.6. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

ISCJB 01 17:27:48.5, 0.8, 38.71N, 0.03, 43.31E, 0.09, h23km, 8km, Error ellipse: s-maj=12.3km s-min=5.5km az=178.2. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

Code Station Name Az Az' Phase ID Time Res. Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy26.52 274 T, WRA Warramunga Arr 127.54 210 PKP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 01 18:53:50.3,0.3,27.15N:112.11W, h16km,23km, MD3.6, Baja California, SRIG Santa Rosalia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 01 19:16:44.0,0.3,17.73N:101.13W, h26km,5km, MD3.8, Near coast of Guerrero, ZIIG Zihuatanejo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISC 01 19:17:33.0,3,34.09N:105.137,26E:0.05, h35km,2km, mb3.4/13, Error ellipse: s-maj=8.9km, JMA 01 19:17:33.1,0.2,34.08N:137.25E, h355km,2km, M3.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T404 TONANKAI O.B.S, T405 TONANKAI O.B.S, T406 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T407 TONANKAI O.B.S, T408 TONANKAI O.B.S, T409 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T410 TONANKAI O.B.S, T411 TONANKAI O.B.S, T412 TONANKAI O.B.S, etc.

az=146.3, NEIC 01 19:32:52.0,0.7,5.41S:154.21E, h131km,7km, mb5.0/11, Error ellipse: s-maj=7.2km s-min=5.0km az=79.0, BUJ 01 19:32:52.3,5.12S:154.10E, h130km, mb4.8/44, mb5.1/27, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABL Rabaul, HNR Honiara, HNR Honiara, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, SAUI Saumliki, SAUI Saumliki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 26.70 27 T, AS01 Alice Springs, H11S2 WAKE ISLAND Hy 26.70 27 T, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AP51 Ampana, MP51 Mapanga, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 26.70 27 T, AS01 Alice Springs, H11S2 WAKE ISLAND Hy 26.70 27 T, etc.

Table with columns: LTZ, Lake Taylor, 0.82 325 S, Sb, 20 01 37.7 -0.6, etc. Lists various stations and their coordinates.

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

Table with columns: KSHT, Keshet, 0.49 134 Pg, Pg, 20 01 26.6 +0.4, etc. Lists stations KSHT through DSI.

ICD 01 20:03:15.2-2.5, 43' 15N:105.08W, h0km, mb2.5/1, mb1 3.3/3, mb1mx3.1/57, mbmtmp3.1/3, ML2.0/1, MS2.9/1, Ms1 2.8/1, ms1mx2.6/11, Error ellipse: s-maj=46.9km s-min=9.6km az=155.0

ISCJB 01 20:03:16.9-0.6, 43' 57N:106.105W, h0.07, h0km, Error ellipse: s-maj=63.6km s-min=6.2km az=152.1

NEIC 01 20:03:18.1-0.8, 43' 51N:104.95W, h0km, MN2.8, Error ellipse: s-maj=14.1km s-min=10.1km az=195.0, Suspected Mining explosion.

NEIC 66 km [41 miles] WSW of Newcastle. ISC 01 20:03:17.8-1.1, 43' 55N:106.105W, h0.06, h0km, n16, a152/17, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations RSSD through YKA.

ISCJB 01 20:04:48.5-0.7, 36' 56N:105.70' 89E:0.09, h188km, mb3.4/4, Error ellipse: s-maj=10.2km s-min=6.8km az=171.7

ICD 01 20:04:48.2-3.3, 36' 49N:70' 99E, h179km, mb3.2/4, mb1 3.2/7, mb1mx2.9/59, mbmtmp3.6/7, MS3.5/2, Ms1 3.5/2, ms1mx2.5/41, Error ellipse: s-maj=29.0km s-min=22.1km az=173.0

NNC 01 20:04:54.0-2.9, 37' 14N:70' 45E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=21.8km s-min=19.2km az=178.0

ISC 01 20:04:49.2-0.8, 36' 57N:105.70' 89E:0.09, h188km, n12, a165/16, mb3.4/4, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations SFK through YKA.

ISCJB 01 20:08:47.3-0.5, 40' 19N:02:25.47E:0.03, h5km, mb3.4km, az=14.5, Error ellipse: s-maj=22.1km s-min=6.9km

CSEM 01 20:06:43.8-0.1, 40' 19N:25.45E, h5km, ML1.8, Error ellipse: s-maj=1.9km s-min=1.7km az=66.0

ATH 01 20:06:43.7, 40' 20N:25.44E, h17km, 3km, ML1.8/4, Error ellipse: s-maj=3.7km s-min=0.8km az=320.0

ISK 01 20:06:44.1, 40' 19N:25.45E, h13km, ML1.9/7, Error ellipse: s-maj=0.6km s-min=0.3km az=80.0

ISC 01 20:06:43.8-0.9, 40' 19N:02:25.46E:0.02, h13km, 7km, n60, a95B/84, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations IS32E through ALN.

Table with columns: ALN, comp=E, 129um, 0.6s, AML, AML, 20 07 14.1, etc. Lists stations ALN through CTKS.

ICD 01 20:08:28.5-3.2, 32' 42S:178' 30W, h0km, mb3.6/2, mb1 3.6/3, mb1mx3.5/52, mbmtmp3.6/3, ML3.6/1, Error ellipse: s-maj=71.8km s-min=46.5km az=119.0

WEL 01 20:08:34.1-1.0, 33' S:26' 17W:3' 4, h33km, mb4.1/6, ML4.6/6, ML4.6/6

ISC 01 20:08:32.0-2.6, 32' 7S:02:2178:0W:0.4, h35km, n20, a1520/21, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations PKGZ through WRA.

ISCJB 01 20:08:57.5-1.0, 2' 68S:0' 06:35' 9E:0.1, h10km, mb3.8/2, MS3.5/1, Error ellipse: s-maj=22.1km s-min=6.9km az=14.5

ICD 01 20:08:57.6, 1.8, 2' 74S:36' 03E, h0km, mb3.9/2, mb1 4.0/4, mb1mx3.5/60, mbmtmp3.8/4, ML3.9/2, MS3.5/1, Ms1 3.5/1, ms1mx2.5/50, Error ellipse: s-maj=63.4km s-min=15.5km az=124.0

ISC 01 20:08:58.5-1.2, 2.71S:0' 08:35' 9E:0.2, h10km, n9, a098/9, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations IS32E through CMAP.

ISCJB 01 20:14:05.8-1.0, 7' 6S:0' 1:119' 45E:0.05, h250km, mb3.2/2, Error ellipse: s-maj=14.3km s-min=6.6km az=15.0

DJA 01 20:14:07.8, 0.6, 8'S:8' 11'E, a, h266km, mb3.8/8, mb3.4/7, mb1mx3.3/3, ML3.7/8, mbmtmp3.7/7

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WBSI Ende, BASI Baing, etc.

Table with columns: QRZ, Quartz Range, 2.62 355 P, Pn, 21 04 42.4 -1.0. Includes stations like MSWZ Moikau Station, CAW Cannon Point, HHSZ Highcliff Hill, etc.

Table with columns: WPRB Ta-pu, 22.36 341 eP, P, 21 12 19.4 +0.4. Includes stations like WRAB Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, etc.

WEL 01 20:21:35.5±0.8, 36°S±14'17.9"E±2.1, h243km, 11km, mb3.6/6, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAHZ Arashi, MTHZ Maungataniwha, BFZ Birch Farm, etc.

BJI 01 21:07:19.5, 1.44N, 128°89'E, h77km, mb4.8/50, mB5.1/37, M4.7/23, M5.7 4.5/11

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBGSI Labuha, SANSI Sangehi, KMSI Cibinong, etc.

WEL 01 20:31:18.6±0.7, 38°S±5'18.0"E±1.1, h33km, ML3.6/17, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ Waioamatatini S, WMGZ Waioamatatini S, MXZ Matakaoa Point, etc.

IDC 01 20:37:20.1±2.4, 3°62'N, 95°26'E, h0km, mb3.2/3, mb1.3/5, mb1.1mx3.2/48, mb1.1mx3.5/5, ML3.3/2, Error ellipse: s-maj=78.6km s-min=24.8km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WBSI Ende, BASI Baing, etc.

DJA 01 21:07:22.4, 1.2, 2.28N, 128°30'E, h43km, mb5.0/39, Error ellipse: s-maj=11.8km s-min=5.6km az=109.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), AAI Ambon, etc.

WEL 01 20:31:18.6±0.7, 38°S±5'18.0"E±1.1, h33km, ML3.6/17, Off east coast of North Island

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

IDC 01 20:37:20.1±2.4, 3°62'N, 95°26'E, h0km, mb3.2/3, mb1.3/5, mb1.1mx3.2/48, mb1.1mx3.5/5, ML3.3/2, Error ellipse: s-maj=78.6km s-min=24.8km az=56.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WBSI Ende, BASI Baing, etc.

DJA 01 21:07:22.4, 1.2, 2.28N, 128°30'E, h43km, mb5.0/39, Error ellipse: s-maj=11.8km s-min=5.6km az=109.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), DAV Davao City (W), AAI Ambon, etc.

WEL 01 20:31:18.6±0.7, 38°S±5'18.0"E±1.1, h33km, ML3.6/17, Off east coast of North Island

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

WEL 01 21:04:00.4±0.5, 43°S±2'17.3"E±1.1, h5km, ML3.7/4, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MQZ McQueen's Vall, EYCC Eyrewell, etc.

WEL 01 20:31:18.6±0.7, 38°S±5'18.0"E±1.1, h33km, ML3.6/17, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WBSI Ende, BASI Baing, etc.

WEL 01 20:31:18.6±0.7, 38°S±5'18.0"E±1.1, h33km, ML3.6/17, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WBSI Ende, BASI Baing, etc.

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Table with columns: Cid, Cismpet, Garu, 58.30 270 eP, P, 23 09 04.6 -0.7, etc. Lists various station identifiers and their associated data.

Table with columns: KURSB, Kurchatov Arra, 99.92 320 P, Pdif, 23 12 54.0 -0.6, etc. Lists station identifiers and their associated data.

Table with columns: KUR, Kurchatov Arra, 99.92 320 P, Pdif, 23 12 54.0 -0.6, etc. Lists station identifiers and their associated data.

Table of station data for the left column, including call signs like KLR, USRK, MAJO, and various frequencies and SNR values.

Table of station data for the middle column, including call signs like BRTR, MOA, SOKA, and various frequencies and SNR values.

CSEM 01 23:16:43.8:0.1, 40:87N:28:69E, h14km, MD2.7, Error ellipse: s-maj=1.9km s-min=1.2km az=171.0

Table of station data for the middle column, including call signs like Code, Station Name, and various frequencies and SNR values.

Table of station data for the right column, including call signs like RPZ, RPZ, RPZ, and various frequencies and SNR values.

JMA 01 23:20:24.7, 36:41N:137:99E, h10km, 1km, MO.5, Eastern

Table of station data for the right column, including call signs like Code, Station Name, and various frequencies and SNR values.

ISK 01 23:52:05.1, 38:33N:41:02E, h9km, MD2.8, ML2.7

Table of station data for the right column, including call signs like Code, Station Name, and various frequencies and SNR values.

ISCJ 01 23:28:21.3:0.3, 43:50S:0:03:172:97E:0:04, h10km

Table of station data for the right column, including call signs like Code, Station Name, and various frequencies and SNR values.

SIGU 01 23:57:18.6:1.8, 45N:2:4E, h6km, mb3.7/15

Table of station data for the right column, including call signs like Code, Station Name, and various frequencies and SNR values.

2K 0h

Table of meteorological data for 2K 0h, including station names like Kurthach, Torodi Ar, and various parameters such as time, position, and status.

Table of meteorological data for 2K 0h, including station names like Kurthach, Torodi Ar, and various parameters such as time, position, and status.

2025 JAN

Table of meteorological data for 2025 JAN, including station names like MKAR Makanchi Array and ZALV Zalesovo Beam.

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Table of meteorological data for 2025 JAN, including station names like MKAR Makanchi Array and ZALV Zalesovo Beam.

62

Table of meteorological data for 62, including station names like MPEP Malo Peshtene and DOPR Dopca.

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Table of meteorological data for 62, including station names like MPEP Malo Peshtene and DOPR Dopca.

2012 JAN

2d 1h

Table with columns: IZUH, ONO, PSZ, KECS, STUZ, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Uzhgorod, Onokovtsy, Piszkesteto, Kecovo, Stuzhytsa, etc.

SOF 02 01:33:41.2, 44.93N, 23.55E, h20km, MD3.2

ISC 02 01:33:39.8, 1.0, 44.93N, 0.02, 23.51E, 0.02, h14km, 7km, n155, e1945/229, mb3.54, 402-38D, Romania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRE, ZRE, LOT, LOR, LOTS, etc.

Table with columns: CFR, CFR, CFR, BERU, BERU, BERU, etc. Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Carcaliu, Beregovo, Skopje, Han Pijesak, etc.

MEX 02 01:23:42.8, 0.5, 18.14N, 102.98W, h7km, 8km, MD3.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMIG, R15V, EZSV, etc.

KUBS Kucevo, KUBS Kucevo, KUBS Kucevo, etc.

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

CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, etc.

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

ISK 02 01:24:53.1, 38.66N, 43.15E, h5km, MD2.6

CSEM 02 01:24:54.8, 0.3, 38.71N, 43.24E, h5km, ML2.4

ISCJB 02 01:24:55.1, 0.6, 38.68N, 0.03, 43.31E, 0.05, h2km, 6km, Error ellipse: s-maj=7.0km s-min=5.0km az=9.1

DDA 02 01:24:55.2, 38.68N, 43.22E, h7km, ML2.4

ISC 02 01:24:54.3, 1.1, 38.71N, 0.02, 43.27E, 0.03, h18km, 2km, n24, f1509/38, Turkey

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

MLR 11m, 0.3s, baz=135, slow=22, SNR=2

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

ARSA 1.5mm, 0.5s, 6.00 295 ePn

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

IDC 02 01:24:57.1, 0.3, 18.127S, 167.53E, h0km, mb3.1/6

mb1 4.3/7, mb1mx4 0.25, mbtmp4 1/7, ML 8.1, MS3.3/4, Ms1 3.3/4, ms1mx2 9/30, Error ellipse: s-maj=48.2km s-min=22.2km az=143.0

ISCJB 02 01:24:59.2, 1.0, 18.41S, 0.08, 167.5E, 0.2, h25km, mb4.0/5, MS3.2/4, Error ellipse: s-maj=22.8km s-min=11.1km az=11.6

ISC 02 01:25:00.6, 1.1, 18.4S, 0.1, 167.6E, 0.2, h25km, n11, e072/9, mb4.0/5, MS3.1/4, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, CZM, AFI, PMG, STKA, WARA, ASAR, PPT, NVAR, ILAR, YKA, etc.

GRUS Gruz, GRUS Gruz, GRUS Gruz, etc.

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

MOA 0.6mm, 0.3s, 7.00 297 Pn

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

IDC 02 01:33:35.1, 2.0, 44.70N, 23.37E, h0km, mb3.5/4

mb1 3.5/6, mb1mx3 0.25, mbtmp3 4/6, ML3.2/2, Error ellipse: s-maj=35.3km s-min=12.6km az=2.0

SIGU 02 01:33:38.7, 1.2, 45.0N, 0.16, 23.5E, 0.9, h10km, mb3.4/8

ISCJB 02 01:33:39.1, 0.4, 44.99N, 0.02, 23.46E, 0.02, h8km, 3km, mb3.5/4, Error ellipse: s-maj=3.0km s-min=2.2km az=140.3

BEO 02 01:33:39.3, 0.5, 45.07N, 23.58E, h20km, 3km, MD3.3/1

PRU 02 01:33:40.6, 4.8, 44.87N, 23.58E, h14km

BUC 02 01:33:40.4, 0.8, 45.06N, 23.55E, h14km, 6km, MD3.8/3, Error ellipse: s-maj=6.2km s-min=5.4km az=346.0

CSEM 02 01:33:40.6, 0.1, 44.39N, 0.32E, h15km, MD3.8, Error ellipse: s-maj=7.7km s-min=2.6km az=155.0

DIVS Divibare, DIVS Divibare, DIVS Divibare, etc.

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

YKA 0.2mm, 0.6s, baz=32, slow=5, SNR=7.3

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

GCMT 02 01:40:40.0, 4.0, 34.76S, 14.87W, h28km, 1km, MW4.9/60, Moment Tensor Solution. s34,c39; s60,c72; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr=2.18e+20, Mtt=0.15e+15, Mtt2.03e+12, Mtr1.15e+30; Mtt=0.85e+10, Mtr=1.24e+18; Best double couple: M=2.790000*10^16, NP1=(+354.000000, +861.000000, +1.200000e+09), NP2=(+223.000000, +841.000000, +4.800000e+08); Principal axes: T 2.5020, P1g1 1.0000e+09, Azm105.0000; N 0.5720, P1g2 6.0000e+08, Azm9.0000; P -3.0780, P1g2 6.0000e+08, Azm126.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Tristan da Cunha region

JMA 02 01:41:19.3, 37.05N, 140.74E, h10km, 1km, M3.5, 6C-2D Broadband fault plane solution: P waves: NP1: e42.000000, 821.000000, -1.83.000000; Principal axes: T P1g24.0000; Azm304.0000; N P1g3.0000; Azm213.0000; P P1g66.0000; Azm117.0000; Eastern Honshu

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

JMA 02 01:41:19.3, 37.05N, 140.74E, h10km, 1km, M3.5, 6C-2D Broadband fault plane solution: P waves: NP1: e42.000000, 821.000000, -1.83.000000; Principal axes: T P1g24.0000; Azm304.0000; N P1g3.0000; Azm213.0000; P P1g66.0000; Azm117.0000; Eastern Honshu

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

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

JYT	MAT	MAT	eS	Sg	Pn	Sb	01	41	48.9	-0.4
MAT	MAT	MAT	P	S			01	41	55.7	+1.2
MAT	MAT	MAT	S				01	42	23.7	+0.2
<p>ISCJB 02 01:42:56.6:0.2,46:72N:0:01:9:75E:0:01, h3km±1km Error ellipse: s-maj=2.0km s-min=1.4km az=3.9 ZUR 02 01:42:57.4,46:70N:9:74E, h8km,1km,ML3,5/21 ROM 02 01:42:57.5:0.2,46:68N:9:76E, h8km,ML3,1/13, Error ellipse: s-maj=4.6km s-min=2.3km az=166.0 GEN 02 01:42:57.5,46:68N:9:78E, h2km,ML3,2 CSEM 02 01:42:57.5:0.1,46:69N:9:77E, h2km,ML3,5/29,Ms4,3, Error ellipse: s-maj=2.2km s-min=1.5km az=175.0 LDG 02 01:42:58.9:0.1,46:71N:9:82E, h10km,MD3,3/3,M3,4/32, Error ellipse: s-maj=3.6km s-min=2.8km az=155.0 VIE 02 01:42:58.5:0.7,46:73N:9:87E, h4km,2km,mb2,7/14, ML3,4/15,Ms4,3/1, Error ellipse: s-maj=6.4km s-min=2.4km az=52.0 STR 02 01:43:00.9:0.4,46:77N:0:02:9:65E:0:04, h5km, ML3,2/11 PRU 02 01:43:01.5,46:89N:9:81E, h11km BGR 02 01:43:01.1:0.4,46:78N:9:62E, h10km,ML3,3/11, Error ellipse: s-maj=8.9km s-min=5.6km az=5.0 ISC 02 01:42:57.0-8.46:69N:0:01:9:73E:0:01, h9km,5km, n357, r1567/509,66C-42D, Switzerland</p>										
Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res		
							h m s	h m s		
DAVOX	Davos/Dischmat	0.14	50	iP	Pg		01 43 00.5	-0.4		
DAVOX	Davos/Dischmat	0.14	50	iP	Pg		01 43 02.4	-0.7		
DAVOX	Vaz, Muldain	0.14	270	iP	Pg		01 43 00.5	-0.4		
SVAM	Vaz, Muldain	0.14	270	iP	Pg		01 43 00.9	0.0		
SCEL	Celerina	0.21	155	iP	Pg		01 43 02.1	+0.1		
SCEL	Celerina	0.21	155	iP	Pg		01 43 05.3	+0.3		
SCEL	Celerina	0.21	155	iP	Pg		01 43 02.1	+0.1		
SCUG	Chur Gewerbesc	0.21	319	iP	Pg		01 43 02.2	+0.1		
SCUG	Chur Gewerbesc	0.21	319	iP	Pg		01 43 02.6	-0.3		
SCUG	Chur Gewerbesc	0.21	319	iP	Pg		01 43 02.6	-0.3		
SZER	Zerne	0.25	89	iP	Pg		01 43 02.6	-0.3		
SZER	Zerne	0.25	89	iP	Pg		01 43 02.6	-0.3		
VDL	Val di Lei	0.28	222	iP	Pg		01 43 03.5	0.0		
TUE	Stuetta	0.34	230	iP	Pg		01 43 04.6	0.0		
TUE	Stuetta	0.34	230	iP	Pg		01 43 04.6	0.0		
TUE	Stuetta	0.34	230	iP	Pg		01 43 09.9	+0.8		
TUE	Stuetta	0.34	230	iP	Pg		01 43 04.6	0.0		
TUE	Stuetta	0.34	230	iP	Pg		01 43 09.9	+0.8		
BERNI	Berninapass	0.35	144	iP	Pg		01 43 04.6	-0.1		
BERNI	Berninapass	0.35	144	iP	Pg		01 43 04.6	-0.1		
BERNI	Berninapass	0.35	144	iP	Pg		01 43 05.0	-0.2		
FUORNI	Ofenpass-Fuorn	0.38	101	iP	Pg		01 43 05.0	-0.2		
FUORNI	Ofenpass-Fuorn	0.38	101	iP	Pg		01 43 05.4	-0.4		
SCUC	Scul-Ciozza	0.41	75	iP	Pg		01 43 10.7	-0.5		
SCUC	Scul-Ciozza	0.41	75	iP	Pg		01 43 10.7	-0.5		
SCUC	Scul-Ciozza	0.41	75	iP	Pg		01 43 10.7	-0.5		
STSP	Tschier	0.42	99	iP	Pg		01 43 05.7	-0.3		
STSP	Tschier	0.42	99	iP	Pg		01 43 11.5	-0.1		
STSP	Tschier	0.42	99	iP	Pg		01 43 05.7	-0.3		
STSP	Tschier	0.42	99	iP	Pg		01 43 11.5	-0.1		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 11.8	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 11.8	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 06.1	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 11.7	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 06.1	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 11.8	0.0		
PLONS	Plons/SG	0.43	326	iP	Pg		01 43 07.0	-0.5		
PANIX	Pigniu (Panix)	0.44	287	iP	Pg		01 43 06.0	-0.1		
PANIX	Pigniu (Panix)	0.44	287	iP	Pg		01 43 12.2	-0.1		
PANIX	Pigniu (Panix)	0.44	287	iP	Pg		01 43 06.3	-0.1		
PANIX	Pigniu (Panix)	0.44	287	iP	Pg		01 43 12.2	-0.1		
BRMO	Bormio	0.49	116	iP	Pg		01 43 06.8	-0.6		
BRMO	Bormio	0.49	116	iP	Pg		01 43 13.2	-0.7		
BRMO	Bormio	0.49	116	iP	Pg		01 43 07.1	-0.3		
BRMO	Bormio	0.49	116	iP	Pg		01 43 13.2	-0.7		
MOSI	Grossmontoni	0.57	98	iP	Pg		01 43 07.4	-1.4		
MOSI	Grossmontoni	0.57	98	iP	Pg		01 43 07.5	-1.4		
MOSI	Grossmontoni	0.57	98	iP	Pg		01 43 07.5	-1.4		
MOSI	Grossmontoni	0.57	98	iP	Pg		01 43 15.7	-0.6		
MOSI	Grossmontoni	0.57	98	iP	Pg		01 43 07.5	-1.4		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.1	-0.3		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.2	-0.2		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.2	-0.2		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.2	-0.2		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.2	-0.2		
DAVA	Damuels	0.60	101	iP	Pg		01 43 17.7	+0.4		
DAVA	Damuels	0.60	101	iP	Pg		01 43 09.2	-0.2		
DAVA	Damuels	0.60	101	iP	Pg		01 43 17.7	+0.4		
DAVA	Damuels	0.60	101	iP	Pg		01 43 11.1	+0.5		
CUNA	Curaglia	0.61	268	iP	Pg		01 43 11.1	+0.5		
CUNA	Curaglia	0.61	268	iP	Pg		01 43 09.3	-0.2		
CUNA	Curaglia	0.61	268	iP	Pg		01 43 11.1	+0.5		
DOETR	Doetra (Olivon)	0.61	255	iP	Pg		01 43 09.3	-0.2		
DOETR	Doetra (Olivon)	0.61	255	iP	Pg		01 43 09.1	-0.4		
LIENZ	Kamor/St.Gall	0.62	345	iP	Pg		01 43 09.4	-0.4		
LIENZ	Kamor/St.Gall	0.62	345	iP	Pg		01 43 09.6	-0.2		
LIENZ	Kamor/St.Gall	0.62	345	iP	Pg		01 43 09.6	-0.2		
TONGO	Tortengo (Faid)	0.68	253	iP	Pg		01 43 10.5	-0.4		
TONGO	Tortengo (Faid)	0.68	253	iP	Pg		01 43 10.5	-0.4		
TONGO	Tortengo (Faid)	0.68	253	iP	Pg		01 43 10.5	-0.4		
NALPS	Val Nalps	0.68	262	iP	Pg		01 43 10.6	-0.4		
NALPS	Val Nalps	0.68	262	iP	Pg		01 43 09.2	-2.1		
CURA	Stauanlage Cun	0.70	266	iP	Pg		01 43 09.3	-2.1		
FETA	Feichten	0.76	64	eP	Pg		01 43 11.6	-0.8		
FETA	Feichten	0.76	64	eP	Pg		01 43 11.6	-0.8		
FETA	Feichten	0.76	64	eP	Pg		01 43 21.6	-0.7		
FUSIO	Fusio	0.77	252	iP	Pg		01 43 12.2	-0.4		
FUSIO	Fusio	0.77	252	iP	Pg		01 43 12.2	-0.4		
FUSIO	Fusio	0.77	252	iP	Pg		01 43 12.2	-0.4		
MABI	Malga Bissina	0.84	139	iP	Pg		01 43 13.3	-0.6		
MABI	Malga Bissina	0.84	139	iP	Pg		01 43 13.3	-0.6		
MABI	Malga Bissina	0.84	139	iP	Pg		01 43 13.3	-0.6		
MUGIO	Muggio	0.91	212	iP	Pg		01 43 14.8	-0.4		
MUGIO	Muggio	0.91	212	iP	Pg		01 43 14.8	-0.4		
MUGIO	Muggio	0.91	212	iP	Pg		01 43 15.9	+0.1		
WILA	Wila	0.91	322	eP	Pb		01 43 15.9	+0.1		
WILA	Wila	0.91	322	eP	Pb		01 43 18.5	+1.7		
WILA	Wila	0.91	322	eP	Pb		01 43 15.9	+0.1		
WEIN	Weingarten	0.98	329	iP	Pg		01 43 18.5	+0.8		
WEIN	Weingarten	0.98	329	iP	Pg		01 43 17.0	+0.1		
UBR	Ueberuhr	1.02	151	iP	Pg		01 43 17.0	+0.1		
ZUR	Degenried	1.04	311	iP	Pg		01 43 19.4	+0.9		

ZUR	Degenried	1.04	311	iP	Pb		01 43 18.2	+0.3		
APPI	Appiano	1.06	101	Pg	Pg		01 43 17.0	-1.0		
APPI	Appiano	1.06	101	Pg	Pg		01 43 30.6	-1.1		
APPI	Appiano	1.06	101	Pg	Pg		01 43 17.0	-1.0		
APPI	Appiano	1.06	101	Pg	Pg		01 43 30.6	-1.1		
VARE	Varese	1.06	219	iP	Pg		01 43 17.9	-0.2		
VARE	Varese	1.06	219	iP	Pg		01 43 17.9	-0.2		
VARE	Varese	1.06	219	iP	Pg		01 43 17.9	-0.2		
VARE	Varese	1.06	219	iP	Pg		01 43 17.9	-0.2		
EWZT	Wettswil, ZR	1.06	308	iP	Pg		01 43 17.7	-0.4		
EWZT	Wettswil, ZR	1.06	308	iP	Pg		01 43 18.7	+0.4		
RETA	Reutte	1.06	41	Pg	Pg		01 43 16.8	-1.4		
RETA	Reutte	1.06	41	Pg	Pg		01 43 35.5	+1.7		
RETA	Reutte	1.06	41	Pg	Pg		01 43 16.8	-1.4		
RETA	Reutte	1.06	41	Pg	Pg		01 43 35.5	+1.7		
HASLI	Hasliberg/Brie	1.09	274	iP	Pg		01 43 18.2	-0.3		
HASLI	Hasliberg/Brie	1.09	274	iP	Pg		01 43 18.2	-0.3		
HASLI	Hasliberg/Brie	1.09	274	iP	Pg		01 43 18.2	-0.3		
HASLI	Hasliberg/Brie	1.09	274	iP	Pg		01 43 18.2	-0.3		
HASLI	Hasliberg/Brie	1.09	274	iP	Pg		01 43 18.2	-0.3		
ABSI	Aberstueckl	1.10	88	Pg	Pg		01 43 17.7	-1.1		
ABSI	Aberstueckl	1								

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Canterbury Las, McQueen's Vall, Eyrewell, etc.

Table with columns: BARS, Barje, Azimuth, Phase ID, Time, Res. Lists stations like Divibare, Divibare, Tescani, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Peldehue, RCDM, STL, etc.

ISC/JB 02 01:51:49.8-0.5, 45.01N-02:23:43E-0.03, h3km, 4km, Error ellipse: s-maj=3.5km s-min=2.7km az=28.9

WEL 02 01:53:12.0-0.5, 43.3'S-2:17'3E, h5km, ML3.5/4, South Island

ISC/JB 02 01:55:0.6, 44.97N-0:03:23.4E-0.03, h1km, 5km, Error ellipse: s-maj=3.4km s-min=3.0km az=15.1

CSEM 02 01:51:51.0-0.1, 45.02N-23:48E, h8km, MD3.0, Error ellipse: s-maj=2.5km az=147.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Canterbury Las, Canterbury Las, McQueen's Vall, etc.

CSEM 02 01:52:4.0, 45.00N-23:47E, h5km, ML2.3, Error ellipse: s-maj=1.1km s-min=2.8km az=153.0

BEO 02 01:51:01.5-0.5, 45.05N-23:50E, h22km, 3km, M2.6/1

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

BEO 02 01:52:9.0-0.5, 45.01N-23:49E, h16km, 3km, M2.3/1

ISG 02 01:51:51.0-0.8, 45.1N-1:2'3E, h10km, mb2.9/3

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

ISG 02 01:52:8.1-0.5, 45.00N-02:23:48E-0.02, h13km, 9km, n82, c082/109, 26C-34D, Romania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like SRE, Lotru, Lotru, Lotru, etc.

MEX 02 01:50:0.0-0.4, 17.65N-100:63W, h36km, 10km, MD3.9, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like ARIG, ARIG, CAIG, etc.

ISC/JB 02 01:52:15.8-0.2, 34.77N-0:1:69.7E-0.2, h24km, Error ellipse: s-maj=23.6km s-min=9.3km az=144.9

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

ISC 02 01:52:15.11-8.2, 34.77N-0:1:69.7E-0.2, h24km, n4, c2875/7, 2C-1D, Southeastern Afghanistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like THN, THN, MNAS, etc.

ISC/JB 02 01:57:0.0-0.5, 32.47S-71:62W, h25km, 840km, ML3.3

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

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

ISCJBJ 02:02:30:52.8,0.5,51.80N,0.08:96.01E:0.07,h10km, mb3.7/1, Error ellipse: s-maj=12.0km s-min=5.9km az=177.4

MOS 02:02:30:53.4,1.5,51.80N:95.94E,h14km,mb4.1/9, Error ellipse: s-maj=14.7km s-min=11.0km az=173.8

ISCJBJ 02:02:30:53.2,0.7,51.79N:96.03E,h0km,mb3.8/1, mb1.3/8,15,mb1mx3.6/52,mbmp3.7/15,ML3.0/4,MS2.4/1, MS1.2/4,1,ms1mx2.2/43, Error ellipse: s-maj=19.1km s-min=8.4km az=177.0

ISC 02:02:30:54.2,0.6,51.83N:0.08:96.11E:0.05,h10km,n39, c2535/40,mb3.8/1, 6C-3D, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HVS, ORL, MOY, ARS, TLY, etc.

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

CSEM 02:02:22:23.0-0.3,38.78N:43.49E,h10km,MD2.7, Error ellipse: s-maj=8.7km s-min=4.8km az=92.0

ISCJBJ 02:02:22:23.0,0.7,38.77N:43.44E,h6km,MD2.7

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

DJA 02:02:25:18.8,0.9,4.2N:2.96E,h7km, M3.6, ML3.6/6, Northern Sumatra

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

ISCJBJ 02:02:30:52.8,0.5,51.80N:0.08:96.01E:0.07,h10km, mb3.7/1, Error ellipse: s-maj=12.0km s-min=5.9km az=177.4

MOS 02:02:30:53.4,1.5,51.80N:95.94E,h14km,mb4.1/9, Error ellipse: s-maj=14.7km s-min=11.0km az=173.8

ISC 02:02:30:54.2,0.6,51.83N:0.08:96.11E:0.05,h10km,n39, c2535/40,mb3.8/1, 6C-3D, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HVS, ORL, MOY, ARS, TLY, etc.

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

CSEM 02:02:22:23.0-0.3,38.78N:43.49E,h10km,MD2.7, Error ellipse: s-maj=8.7km s-min=4.8km az=92.0

ISCJBJ 02:02:22:23.0,0.7,38.77N:43.44E,h6km,MD2.7

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

DJA 02:02:25:18.8,0.9,4.2N:2.96E,h7km, M3.6, ML3.6/6, Northern Sumatra

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

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

ISK 02:02:47:36.0,38.71N:43.20E,h3km,MD2.6

CSEM 02:02:47:37.0-0.5,38.72N:43.18E,h8km,MD2.6, Error ellipse: s-maj=4.9km s-min=3.4km az=83.0

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

SJA 02:02:05:05.6,0.6,31.90S:68.50W,h105km,ML3.1, MW3.7, San Juan Province

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

ISCJBJ 02:02:49:0.8,21.13S:0.05:67.4W:0.1,h192km,12km, mb3.4/2, Error ellipse: s-maj=18.0km s-min=8.5km az=9.2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Pisagua, TORO, YKA, MKAR.

IDC 02 03:30:32.6:3.7, 36.69N:72.86E, h0km, mb3.6/3, mb1 3.7/8, mb1mx3.3/56, mbtmp3.6/8, ML3.3/4, Error ellipse: s-maj=63.6km s-min=33.7km az=148.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK, MNAS, AAK, KK31, GBYT, ABK1, BVAR, AKTO, ZALV, FINES, NOA, YKA.

IDC 02 03:36:02.6:1.2, 14.21S:166.84E, h0km, mb4.1/10, mb1 4.3/11, mb1mx4.0/39, mbtmp4.1/11, ML4.1/1, MS3.7/10, Ms1 3.8/10, ms1mx3.4/38, Error ellipse: s-maj=42.7km s-min=18.5km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, HNR, PMG, CTA, AFI, STKA, WRA, WRA, ASAR, ASAR, PPT2, PPT, TBI, TAOE, RKT, PETK, SEY, SONM, ILAR, ILAR, NVAR, MKAR, YKA, ARCES, KEST.

ISCJB 02 03:46:46.5:0.5, 12.09N:108.143:8E:0.1, h26km, mb4.1/17, Error ellipse: s-maj=17.8km s-min=8.2km az=27.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, GUMO, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, WRAB, WRA, ASAR, STKA, SONM, MKAR, ZALV, ZALV, KURK, KURB, ILAR, INK, ABKAR, YKA, ARCES, NVAR, FINES, PDAR.

CSEM 02 04:05:15.7:0.2, 39.00N:43.60E, h8km, ML3.0, Error ellipse: s-maj=5.5km s-min=4.1km az=108.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VMUR, ERVC, ERCS, CLDR, CLDR, VAND, TVAN, TVAN, DYDN, DYDN, ADCV, ADCV, TUTA, TUTA, AGRB, AGRB, GEVA, GEVA, TABS, TABS, EKAR, EKAR, KARS, KARS, CUKT, CUKT, SENK, SENK, BNGB, BINT.

IDC 02 04:39:47.3:3.4, 15.90S:173.46W, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/39, mbtmp3.5/5, ML2.7/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/28, Error ellipse: s-maj=173.0km s-min=23.1km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, PMG, WRA, PDAR, ILAR, BRTR.

IDC 02 04:40:06.9:45.0, 16.70S:172.91W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/39, mbtmp3.8/3, Error ellipse: s-maj=87.0km s-min=179.7km az=80.0, Samoa Islands region

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

WRA Warramunga Arr 50.02 258 P P 04 49 02.7 -0.8

ASAR Alice Springs 50.17 253 P P 04 49 04.5 -0.2

ISCJB 02 04:45:48.3:1.3, 33.0S:0.1:69.9W:0.1, h118km, 12km, Error ellipse: s-maj=22.6km s-min=11.9km az=142.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FCH, FCH, CLCH, CLCH, PEL, PEL, ANTU, ANTU, LAS, LAS, RCDM, RCDM, AUSP, AUSP, RTCV, RTCV, SJA, SJA, RCDM, RCDM, AUSP, AUSP, RTCV, RTCV, SJA, SJA, RCDM, RCDM, AUSP, AUSP, RTCV, RTCV, SJA, SJA.

IDC 02 04:48:12.8:1.0, 19.92S:169.05E, h0km, mb4.0/6, mb1 4.2/8, mb1mx3.9/40, mbtmp4.1/8, ML3.8/2, MS3.4/10, Ms1 3.4/10, ms1mx3.2/31, Error ellipse: s-maj=33.8km s-min=23.2km az=150.0

ISCJB 02 04:48:17.2:0.9, 20.1S:0.1:168.9E:0.1, h35km, mb3.9/6, MS3.4/6, Error ellipse: s-maj=19.8km s-min=11.4km az=138.6

ISC 02 04:48:18.1:0.8, 20.1S:0.1:169.0E:0.1, h35km, n25, e091/21, mb4.0/6, MS3.5/6, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, HNR, AFI, URZ, URZ, CTX, RPZ, STKA, RAR, WRA, WRA, ASAR, ASAR, VNTA, VNTA, MA2, SONM, NVAR, GERES, ARSA, MOA, MOT, RETA, FETA, DAVA.

KRSC 02 04:50:56.8:1.7, 50.92N:159.27E, h16km, 24km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDTR, KDTR, RUS, RUS, PAU, PAU, ASAK, ASAK, MTRV, MTRV, SKR, SKR, KRMR, KRMR, DALK, DALK, SPN, SPN, UGLR, UGLR, SVAR, SVAR, SDLR, SDLR, APC, APC, KRX, KRX, GNL, GNL, KBTR, KBTR.

PGC 02 04:53:27.1:0.6, 48.80N:129.61W, h10km, ML3.4/36, M4.0/36, M4.0/36, 264km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 02 04:53:28.0.4.2.2, 48°38'N-129°17'W, h0km, mb3.5/3, mb1 3.9/10, mb1mx3.6/9, mbtmp3.7/10, ML3.7/10, MS3.1/5, Ms1 3.0/5, ms1mx2.8/34, Error ellipse: s-maj=37.2km, s-min=13.3km az=70.0

ISC 02 04:53:28.0.9, 48°34'N-129°40'W, h10km, n125, e194/155, mb3.5/3, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like NEPTUNE Canada, Brookes Peninsula, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Hailey, Bozenman (W), Nina Array Bay, etc.

ISK 02 04:58:42.1, 38°61'N-43°73'E, h25km, MD2.5

CSEM 02 04:58:43.7, 0.4, 38.66N-43.65E, h20km, ML2.2, Error ellipse: s-maj=12.2km s-min=5.0km az=122.0

ISCJPZ 02 04:58:44.8, 0.3, 38.69N-43.62E, 0.07, h13km, Error ellipse: s-maj=9.3km s-min=3.8km az=30.0

DDA 02 04:58:44.7, 38.72N-43.59E, h7km, MI2.2

ISC 02 04:58:43.1-1.3, 38.66N-43.66E, 0.06, h13km, n16, e078/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VAN Van, YANB Van, etc.

IDC 02 05:02:50.1, 3.7-6N-95.88E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.3/7, mbtmp3.4/4, ML3.4/2, Error ellipse: s-maj=67.8km s-min=43.5km az=54.0

DJA 02 05:02:52.3, 0.8, 5°N-2°9'E, h9km, M3.8/6, MLV3.8/6

ISC 02 05:02:53.3-1.2, 4.8N-10.05-96.45E, 0.09, h10km, n9, e1527/14, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MLSI Meulaboh, LHMI Lhok Sumawe, etc.

ISK 02 05:10:13.1, 39°10'N-29°16'E, h5km, MD2.8

ISCJPZ 02 05:10:14.6, 0.6, 39.14N-0.4-29.09E, 0.04, h2km, 9km, Error ellipse: s-maj=6.8km s-min=4.0km az=153.7

CSEM 02 05:10:14.6, 0.2, 39.16N-29.07E, h2km, MD2.8, Error

ellipse: s-maj=4.2km s-min=3.0km az=118.0

DDA 02 05:10:14.1, 39.15N-29.07E, h7km, MI2.4

ISC 02 05:10:14.8-1.0, 39.14N-0.03-29.08E, 0.02, h8km, n7km, n26, e056/42, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SIMA Simav-Kutahya, DEMI Demirci, etc.

IDC 02 05:11:41.1, 1.9, 24°84'N-109°38'W, h0km, mb3.4/3, mb1 3.8/7, mb1mx3.5/35, mbtmp3.4/7, ML3.5/4, MS3.8/1, Ms1 3.0/1, ms1mx2.7/23, Error ellipse: s-maj=39.5km s-min=16.2km az=133.0

MEX 02 05:11:46.0, 0.3, 25.11N-109.69W, h19km, 999km, MD3.8

ISC 02 05:11:44.9-1.1, 25.08N-105.110W, 0.02, h10km, n11, e154/142, mb3.3/3, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LPIG La Paz, LPIG Guaymas, etc.

IDC 02 05:30:32.9, 3.4, 16°21'N-122°37'E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/49, mbtmp3.3/3, Error ellipse: s-maj=27.2km s-min=28.2km az=62.0, Luzon

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

IDC 02 05:31:25.2-6.2, 17.25S-173°34'W, h0km, mb4.0/2, mb1 4.1/3, mb1mx3.6/37, mbtmp3.9/3, ML3.0/1, MS2.9/3, Ms1 2.9/3, ms1mx2.6/31, Error ellipse: s-maj=246.2km s-min=25.9km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, AFI Atafu, etc.

IDC 02 05:37:17.9-8.1, 5.85S-145°90'E, h93km, 107km, mb3.3/2, mb1 3.5/4, mb1mx3.3/32, mbtmp3.7/4, ML0.6/1, Error ellipse: s-maj=90.8km s-min=35.1km az=116.0, Eastern New Guinea region

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

JMA 02 05:45:36.9, 0.4, 21°21'N-120°72'E, h0km, M4.3

TAP 02 05:45:44.8, 21°27'N-121°00'E, h52km, 1km, ML3.5, C

ISC 02 05:45:46.4-3.1, 21.4N-0.2-121.19E, 0.05, h17km, n14km, n14, e069/25, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TSEB Hengchun, Pin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various data points for stations like TWK1, LAY, HEN, etc.

CSEM 02 05:49:53.1, 44.45N-45.74E, h11km, mb4.0
MOS 02 05:49:53.8, 0.8, 44.45N-45.74E, h11km, mb4.0/1, Error ellipse: s-maj=9.1km s-min=4.8km az=69.7

ISC 02 05:49:54.4, 1.2, 44.39N, 0.03, 45.74E, 0.02, h12km, 9km, n65, e151/102, 2C-3D, Ukraine-Moldova-Southwestern Russia region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various data points for stations like TRKR, BKHR, GROG, etc.

Table with columns: ANN, comp, Z, 1.2nm, 1.3s, pmax, pmax, and various data points for stations like ANN, AKTK, AKTO, etc.

ISC/JB 02 05:59:12.4, 0.5, 43.51S, 0.03, 173.01E, 0.03, h13km, 3km, mb4.3/8, MS3.7/11, Error ellipse: s-maj=5.1km

IDC 02 05:59:12.7, 0.8, 43.29S, 172.95E, h0km, mb4.4/5, mb1.4, 6/6, mb1mx3.2/21, mbtmp4.4/6, ML4.1/1, MS3.7/12, Ms1.3, 7/12, ms1mx3.6/17, Error ellipse: s-maj=31.7km

NEIC 02 05:59:14.9, 0.0, 43.47S, 172.88E, h16km, mb4.5/4, ML4.8/WEL, Alter Well

NEIC Felt (V) at Christchurch. Also felt at Rakai, Rolleston and Sefton. Felt in much of Canterbury.

WEL 02 05:59:15.4, 0.4, 43.52S, 173.3E, h5km, ML5.1/29, ISC 02 05:59:13.5, 1.2, 43.47S, 0.03, 172.96E, 0.04, h4km, 7km, n257, e131/263, mb4.3/8, MS3.7/11, 1C-1D, South Island

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various data points for stations like CRLZ, MOZ, EYCW, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various data points for stations like DVHZ, ANWZ, WAZ, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2, KSRS, CMAR, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like H1N3, H1N1, H1S1, etc.

IDD 02:06:32:53.0, 0.8, 51.34N:178.04E, h0km, mb3.9/19, mb1.4/21, mb1mx4.0/48, mbtmp3.9/21, ML3.9/2, MS3.4/1, Ms1.3/4.1, ms1mx2.6/45, Error ellipse: s-maj=22.7km s-min=13.3km az=170.0 NEIC 02:06:32:55.6, 0.0, 50.75N:178.22E, h20km, mb4.2/4, ML3.8(AEIC), After AEIC. IS/CJB 02:06:32:57.9, 0.5, 51.42N:178.04E:0.05, h45km, mb4.0/28, MS3.3/1, Error ellipse: s-maj=14.1km s-min=4.2km az=0.4 MOS 02:06:32:58.7, 1.4, 51.45N:178.02E, h51km, mb4.5/12, Error ellipse: s-maj=12.3km s-min=8.7km az=115.0 IS/C 02:06:32:59.5, 0.7, 51.46N:177.98E:0.05, h45km, n72, s159/74, mb4.0/28, 8C-9D, Rat Islands

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

IDD 02:06:15:43.6, 1.6, 31.85N:99.98E, h0km, mb3.4/3, mb1.3/5.4, mb1mx3.3/43, mbtmp3.5/4, ML3.3/1, MS3.3/1, Ms1.3/3.1, ms1mx2.5/26, Error ellipse: s-maj=87.1km s-min=25.2km az=63.0 IS/C 02:06:15:48.9, 2.0, 32.0N:102.20E:0.6, h35km, n5, s69/4, Sichuan

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

MA2 Magadan 17.37 309 P Pn 06 37 01.5 +2.3 MA2 Magadan 17.37 309 i P Pn 06 36 58.4 +0.1 BILL Bilibino 17.67 345P P Pn 06 36 59.4 -2.5 BELL comp=2.6, 0nm, 1.0s pmax pmax 06 37 02.5 -2.6 KDAY Kodiak Island 18.12 58 P Pn 06 37 04.6 -2.8 KDAY Kodiak Island 18.12 58 i P Pn 06 37 06.5 -0.9 KTH Kantishna Hill 20.44 41 P Pn 06 37 34.3 +1.5 KUR Kuril'sk 20.86 265f e P Pn 06 37 38.3 +0.9 ILAR Eielson Array 22.53 40 P Pn 06 37 53.6 -1.5 YAK Yakutsk 27.91 311 e P Pn 06 38 45.4 +0.6 YAK comp=2.12nm, 0.9s pmax pmax 06 38 50.0 -1.2 INK Inuvik 28.63 36 P Pn 06 38 50.0 -1.2 INK Inuvik 28.63 36 P Pn 06 38 56.0 -1.2 KLR Kul'dur 29.23 284 P Pn 06 38 56.5 -0.4 KLR Kul'dur 29.23 284P P Pn 06 38 55.2 -1.6 BOD Bodoiba 36.35 306 P Pn 06 39 59.0 +0.2 BOD comp=2.7, 0nm, 1.3s pmax pmax 06 40 01.1 -0.4 YKA Yellowknife Arr 36.69 46 P Pn 06 40 01.1 -0.4 YKA Yellowknife Arr 36.69 46ceP P Pn 06 40 01.1 -0.4

MOS 02:06:23:16.4, 0.6, 55.49N:166.44E, h8km, mb4.0/2, Error ellipse: s-maj=16.4km s-min=7.2km az=143.5 IS/C 02:06:23:17.3, 1.6, 56.05N:165.87E, h0km, mb3.4/4, mb1.3/7.5, mb1mx3.3/51, mbtmp3.4/5, ML2.8/1, Error ellipse: s-maj=67.1km s-min=21.8km az=158.0 IS/CJB 02:06:23:20.1, 0.7, 55.43N:166.08E:0.08, h20km, mb3.5/4, Error ellipse: s-maj=16.7km s-min=6.3km az=44.7 KRSC 02:06:23:21.2, 1.5, 55.50N:165.96E, h6km, 10km, ML2.0, 4 IS/C 02:06:23:19.9, 1.1, 55.46N:165.05E:0.08, h20km, n60, s184/165, mb3.5/4, Komandorsky Islands region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, Alice Springs, comp=2.0, 5nm, 1.0s, etc.

ISCJB 02:06:34:33.8, 0.7, 38.74N:103.43E:0.05, h8km, 4km, Error ellipse: s-maj=7.5km s-min=3.6km az=24.1 CSEM 02:06:34:33.9, 0.3, 38.75N:43.64E, h8km, MD2.9, Error ellipse: s-maj=7.0km s-min=3.6km az=114.0 ISK 02:06:34:33.0, 38.75N:43.60E, h6km, MD3.9 DDA 02:06:34:33.3, 38.73N:43.68E, h7km, MD3.9 IS/C 02:06:34:34.3, 1.0, 38.74N:103.43E:0.03, h13km, 7km, n39, i105/65, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VMUR, Van-Muradiye, VAMB, etc.

ISC 02:06:38:26.9, 2.5, 59.87N:153.25W, h59km, 36km, 3.6/2, mb1.3/0.5, mb1mx2.8/43, mbtmp3.1/5, ML2.6/3, Error ellipse: s-maj=43.9km s-min=11.4km az=103.0 IS/CJB 02:06:38:28.7, 0.4, 59.75N:103.152:72W:0.07, h106km, 3km, mb3.4/2, Error ellipse: s-maj=6.0km s-min=4.0km az=22.5 NEIC 02:06:38:31.3, 0.0, 59.77N:152.76W, h91km, ML2.7(AEIC), After AEIC. IS/C 02:06:38:29.7, 0.9, 59.76N:103.152:75W:0.04, h102km, 6km, n56, s085/73, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILS, Iliamna Low, IVE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BMRM Bremner River, MCK McKinley, BPAW Bear Paw Mtn, etc.

ISC 02 06:53:46.5, 4.7, 6.64S: 154.90E, h26km, 29km, mb3.9/11, mb1.4/12, mb1mx3.9/33, mbtmp4.0/12, ML2.6/1, MS3.5/9, Ms1.3/5.9, ms1mx3.1/40, Error ellipse: s-maj=35.9km s-min=17.2km az=127.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, PMG Port Moresby, etc.

ISC 02 06:53:48.2, 0.8, 6.51S: 154.83E, h35km, mb4.2/1, Error ellipse: s-maj=28.4km s-min=12.0km az=126.0

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

ISC 02 06:53:50.3, 0.8, 6.75S: 0.2, 154.9E: 0.1, h56km, n24, 1502/24, mb4.0/12, MS3.4/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

ISC 02 07:10:58.9, 1.4, 21.2S: 0.4, 178.3W: 0.3, h500km, mb3.4/9, Error ellipse: s-maj=61.6km s-min=18.4km az=147.2

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

ISC 02 07:10:58.8, 7.1, 21.25S: 178.13W, h493km, 79km, mb3.1/9, mb1.3/3.9, mb1mx3.0/54, mbtmp3.9/9, Error ellipse: s-maj=93.3km s-min=33.0km az=116.0

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

ISC 02 07:25:20.9, 28.0, 12.45N: 85.99W, h0km, mb3.5/3, mb1.3/9, mb1mx3.6/29, mbtmp3.5/3, Error ellipse: s-maj=606.2km s-min=105.6km az=6.0, Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZLN Zelenaya, BZMR Bezymyannaya, etc.

ISC 02 08:28:48.2, 4.7, 4.76S: 153.95E, h109km, 31km, mb3.7/5, mb1.3/8.7, mb1mx3.4/38, mbtmp4.1/7, Error ellipse: s-maj=53.8km s-min=21.5km az=98.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, H11S3 WAKE ISLAND Hy, etc.

ISC 02 08:28:47.4, 1.4, 4.85S: 0.2, 154.1E: 0.2, h105km, n10, 0576/9, mb3.9/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Alice Springs, etc.

ISC 02 08:28:48.2, 15.0, 51.11N: 130.24W, h10km, ML5n2/9, MW3.5/9, 186km Wsw of Bella Bella, BC, Haida Gwaii, Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBB Bella Bella, BNB Bona Inlet, etc.

ISC 02 08:20:50.6, 0.8, 35.5S: 177.17W: 1.5, h33km, mb4.2/4, ML4.4/5, ML4.4/7, MW3.6/1, East of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakoaka Point, WMGZ Waioamatatini S, etc.

ISC 02 08:28:48.8, 36.97N: 140.64E, h7km, 1km, M3.5, JMA Felt J1, ISC 02 08:28:50.5, 3.1, 36.42N: 140.57E, h0km, mb3.6/2, mb1.3/9.2, mb1mx3.2/43, mbtmp3.6/2, Error ellipse: s-maj=60.0km s-min=27.2km az=33.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ONAJ Owakimizuishiy, JHO Hitachi, etc.

ISC 02 08:28:47.5, 2.1, 36.97N: 0.03, 140.68E: 0.05, h12km, 16km, n18, 0561/21, GC-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Alice Springs, etc.

ISC 02 08:28:48.2, 4.7, 4.76S: 153.95E, h109km, 31km, mb3.7/5, mb1.3/8.7, mb1mx3.4/38, mbtmp4.1/7, Error ellipse: s-maj=53.8km s-min=21.5km az=98.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Alice Springs, etc.

ISC 02 08:55:15.0, 5.8, 0.3, 51.97N: 0.04, 178.48E: 0.03, h140km, 2km, mb4.6/235, Error ellipse: s-maj=6.5km s-min=2.7km az=2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GALAA Gareloi Lava P, GAEA Gareloi East, etc.

ISC 02 08:55:15.2, 0.4, 51.87N: 0.07, 178.38E: 0.03, h117km, 3km, n17, h17km, pP, n802, 123/862, mb4.8/235, 20C-8D, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GALAA Gareloi Lava P, GAEA Gareloi East, etc.

ISC 02 08:55:15.7, 0.0, 51.58N: 178.22E, h105km, mb4.9/203, ML4.3/4E(1), After ALEIC, ISC 02 08:55:15.0, 5.8, 0.3, 51.94N: 178.43E, h118km, 3km, mb4.2/36, mb1.4/3.7, mb1mx4.2/43, Error ellipse: s-maj=11.6km s-min=7.4km az=172.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GALAA Gareloi Lava P, GAEA Gareloi East, etc.

ISC 02 08:55:15.2, 0.4, 51.87N: 0.07, 178.38E: 0.03, h117km, 3km, n17, h17km, pP, n802, 123/862, mb4.8/235, 20C-8D, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GALAA Gareloi Lava P, GAEA Gareloi East, etc.

ISC 02 08:28:45.9, 1.2, 4.8S: 0.1, 154.0E: 0.2, h105km, mb3.8/5, Error ellipse: s-maj=28.9km s-min=13.5km az=37.3

2d 8h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PMR Palmer, TRF Thorofare Moun, SML Sawmill, etc.

2012 JAN

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like G05D Wamic, I04A Tendick Farm, L02D Cave Junction, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MLAC Mammoth, PAGB Antelope Gra, HHC Hu-ho-hao-te, etc.

MK31	Makanchi Array	58.34 307ceP	P	09 04 57.0 -0.6
MK31	comp=Z,2.0nm,0.4s		pmax	
MK31	Makanchi Array	58.34 307 eP	P	09 04 57.3 -0.3
MK32	Makanchi Array	58.34 307 eP	P	09 04 57.3 -0.2
MK32	comp=Z,2.0nm,0.4s		pmax	
MK32	Makanchi Array	58.34 307 eP	P	09 05 23.0 -2.7
MK32	comp=Z,2.0nm,0.4s		pmax	
MK32	Makanchi Array	58.34 307 eP	P	09 05 47.5 +0.2
MK32	comp=Z,2.0nm,0.4s		pmax	
MKAR	Makanchi Array	58.34 307 P	P	09 04 57.3 -0.3
MKAR	comp=Z,1.3nm,0.7s,baz=49,slow=8.5,SNR=3.4		pP	
MKAR	Makanchi Array	58.34 307 eP	P	09 05 23.0 -2.7
MKAR	comp=Z,1.3nm,0.7s,baz=49,slow=8.5,SNR=3.4		pP	
MKAR	Makanchi Array	58.34 307 eP	P	09 05 47.5 +0.2
MKAR	comp=Z,0.7nm,0.5s,baz=46,slow=5.6,SNR=2.6		pP	
MKAR	Makanchi Array	58.34 307ceP	P	09 04 57.2 -0.4
MKAR	comp=Z,3.0nm,0.4s		pmax	
MKAR	Makanchi Array	58.34 307 eP	P	09 04 57.3 -0.3
MKAR	comp=Z,3.4nm,0.4s		pmax	
S34A	Willow Spring	58.34 68 P	P	09 04 56.5 -1.2
MK01	Makanchi Array	58.35 307 eP	P	09 04 57.1 -0.5
J41A	Loganville	58.39 59 P	P	09 04 56.9 -1.0
N38A	Joels South For	58.41 63 P	P	09 04 56.9 -1.2
O36A	Arnold C. Orve	58.42 66 P	P	09 04 56.6 -1.7
R35A	Emporia Municip	58.44 67 P	P	09 04 57.0 -1.4
M39A	Webster	58.52 62 P	P	09 04 57.6 -1.3
GYA	Guiyang	58.53 274 eP	P	09 05 00.2 +0.9
GYA	comp=Z,10.0nm,1.0s		pmax	
JFWS	Jewell Farm	58.58 59 P	P	09 04 57.7 -1.6
I42A	Draeger Farm,	58.61 58 P	P	09 04 57.7 -1.8
P37A	Lathrop	58.62 65 P	P	09 04 58.2 -1.4
L40A	Anamosa	58.64 61 P	P	09 04 57.9 -1.8
O38A	Galt	58.74 64 P	P	09 04 59.2 -1.2
N39A	Derby Farms, D	58.76 62 P	P	09 04 59.3 -1.2
K41A	Shullsburg	58.76 60 P	P	09 04 59.4 -1.1
T34A	McClaskey Farm	58.77 69 P	P	09 04 59.5 -1.2
S35A	Otter Creek Ra	58.81 68 P	P	09 04 59.7 -1.3
R36A	Gordon, Harris	58.84 67 P	P	09 04 59.8 -1.3
J42A	Columbus	58.90 58 P	P	09 05 00.5 -1.0
M40A	Post Highland	58.93 61 P	P	09 05 00.5 -1.2
I43A	Langenfeld Bro	59.02 57 P	P	09 05 01.6 -0.7
P38A	Dawn	59.05 64 P	P	09 05 01.5 -1.0
Q37A	Longview Farm,	59.05 65 P	P	09 05 00.5 -2.0
K42A	Prairie Point,	59.15 59 P	P	09 05 01.9 -1.3
O39A	Kirkville	59.16 63 P	P	09 05 02.2 -1.1
S36A	Lake Cedric, C	59.20 67 P	P	09 05 01.9 -1.7
J43A	Natural Harves	59.22 58 P	P	09 05 02.2 -1.5
T35A	Sooner Cattle	59.23 68 P	P	09 05 02.5 -1.3
N40A	Mertquake, Sal	59.25 62 P	P	09 05 02.7 -1.3
BVAR	Borovoye Array	59.36 318 P	P	09 05 05.0 +0.5
BVAR	comp=Z,5.9nm,0.4s,baz=57,slow=6.5,SNR=3.6		pP	
BVAR	Borovoye	59.38 318ceP	P	09 05 33.4 +0.6
BVAR	comp=Z,3.0nm,0.6s,baz=45,slow=8.3,SNR=4.8		pP	
BVAR	Borovoye	59.38 318 eP	P	09 05 50.7 -0.5
BVAR	comp=Z,2.2nm,0.4s,baz=51,slow=4.6,SNR=3.9		pP	
BRVK	Borovoye	59.38 318ceP	P	09 05 05.0 +0.4
BRVK	comp=Z,6.0nm,0.5s		pmax	
WMOK	Wichita Mounta	59.42 72 P	P	09 05 04.7 -0.5
WMOK	Wichita Mounta	59.42 72 eP	P	09 05 04.8 -0.5
WMOK	Wichita Mounta	59.42 72 eP	P	09 05 04.8 -0.5
WMOK	Wichita Mounta	59.42 72 eP	P	09 05 04.8 -0.5
F46A	Macinaw City C	59.44 54 P	P	09 05 03.9 -1.2
Q38A	Cooks Store, C	59.46 65 P	P	09 05 03.5 -1.9
M41A	Milan	59.48 61 P	P	09 05 03.7 -1.7
U35A	Pawnee	59.48 69 P	P	09 05 04.6 -1.0
U35A	Pawnee	59.48 69 eP	P	09 05 04.8 -0.8
T36A	Boggs Farm, C	59.49 68 P	P	09 05 04.3 -1.3
L42A	Oliver, Polo	59.52 60 P	P	09 05 04.5 -1.3
P39B	Salisbury	59.58 64 P	P	09 05 04.8 -1.4
S37A	Fort Scott	59.61 67 P	P	09 05 04.6 -1.8
Q40A	La Belle	59.62 63 P	P	09 05 05.2 -1.3
O39A	Willow Grove F	59.76 64 P	P	09 05 05.7 -1.8
N41A	Harden Midland	59.77 62 P	P	09 05 05.5 -2.0
R38A	Fenwick Farm,	59.84 66 P	P	09 05 05.7 -2.2
V35A	Meyer Ranch, C	59.85 70 P	P	09 05 07.4 -0.8
V35A	Meyer Ranch, C	59.85 70 eP	P	09 05 07.3 -0.8
P40A	Paris	59.94 63 P	P	09 05 07.5 -1.1
T37A	Cheneyville 18	60.00 67 P	P	09 05 07.6 -1.5
OK021	N3530 Road, Sp	60.03 70 eP	P	09 05 08.2 -1.1
OK022	N3560 Road, Pr	60.10 70 eP	P	09 05 09.1 -0.7
O41A	Pasleys Farm,	60.17 62 P	P	09 05 08.3 -1.9
SVE	Sverdlouvs	60.22 326 eP	P	09 05 12.0 +1.7
SVE	comp=Z,12nm,1.0s		pmax	
S38A	Stockton	60.22 66 P	P	09 05 08.6 -2.1
R39A	Chumby, Stover	60.23 65 P	P	09 05 08.6 -2.1
W35A	Tecumseh	60.25 70 P	P	09 05 10.5 -0.4
W35A	Tecumseh	60.25 70 eP	P	09 05 10.2 -0.7
Q40A	Laux Farm, Aux	60.30 64 P	P	09 05 09.4 -1.8
TX31	Lajitas Ar. Si	60.31 79 eP	P	09 05 11.3 -0.1
LTX	Lajitas	60.31 79 eP	P	09 05 11.4 0.0
LTX	Lajitas	60.31 79 eP	P	09 05 11.4 0.0
TXAR	Lajitas Array	60.31 79 P	P	09 05 11.4 0.0
TXAR	Lajitas Array	60.31 79 P	P	09 05 11.4 0.0
TXAR	Lajitas Array	60.31 79 P	P	09 05 11.4 0.0
L44A	Lake County Fo	60.33 59 P	P	09 05 10.4 -0.9
V36A	Jenks	60.35 69 P	P	09 05 10.8 -0.7
V36A	Jenks	60.35 69 eP	P	09 05 10.5 -1.0
TUL1	Leonard	60.35 69 P	P	09 05 10.4 -1.1
TUL1	Leonard	60.35 69 eP	P	09 05 10.6 -0.9
P41A	Barry, Barry	60.38 63 P	P	09 05 10.5 -1.2
U37A	Salina	60.39 68 P	P	09 05 10.6 -1.2
ABTX	Abilene, Hawle	60.40 74 P	P	09 05 12.0 +0.1

ABTX	Abilene, Hawle	60.40 74 eP	P	09 05 11.7 -0.2
T38A	Diamond	60.42 67 P	P	09 05 10.3 -1.7
S39A	Bolivar	60.51 66 P	P	09 05 10.4 -2.1
SLBS	Sierra La Lagu	60.52 89 eP	P	09 05 13.9 +1.0
W36A	Wetumka	60.64 70 P	P	09 05 12.0 -1.5
W36A	Wetumka	60.64 70 eP	P	09 05 13.0 -0.4
R40A	Madison Statio	60.68 64 P	P	09 05 11.6 -2.1
SCHO	Schefferville	60.69 37 P	P	09 05 13.0 -0.5
SCHO	Schefferville	60.69 37 eP	P	09 05 13.1 -0.5
X35A	Drake	60.72 71 P	P	09 05 13.4 -0.7
X35A	Drake	60.72 71 eP	P	09 05 13.4 -0.7
HDIL	Hopedale	60.73 61 P	P	09 05 12.6 -1.5
HDIL	Hopedale	60.73 61 eP	P	09 05 13.1 -0.9
V37A	Hulbert	60.74 68 P	P	09 05 13.1 -1.1
U38A	Gravette	60.79 67 P	P	09 05 12.8 -1.7
Q41A	Truxton	60.79 63 P	P	09 05 13.0 -1.5
M44A	Midewin, Midew	60.81 59 P	P	09 05 13.3 -1.3
P42A	Winchester	60.84 62 P	P	09 05 13.3 -1.4
T39A	Cleaver	60.95 66 P	P	09 05 13.6 -2.0
X36A	Centrahoma	60.97 70 P	P	09 05 15.5 -0.2
Y35A	Marietta	61.03 71 P	P	09 05 15.5 -0.7
S40A	Lebanon	61.04 65 P	P	09 05 14.2 -1.9
W37B	Quinton	61.10 69 P	P	09 05 15.3 -1.3
HHAR	Hobbs	61.15 67 eP	P	09 05 15.5 -1.5
R41A	Rood	61.17 64 P	P	09 05 15.0 -2.1
V38A	Canehill	61.18 68 P	P	09 05 15.9 -1.3
N44A	Piper City	61.19 60 P	P	09 05 15.3 -1.8
Q42A	Golden Eagle	61.21 63 P	P	09 05 16.3 -1.0
ARU	Arti	61.24 327 P	P	09 05 17.7 +0.5
ARU	Arti	61.24 327 d/P	P	09 05 17.5 +0.3
ARU	Arti	09 05 58.3		
ARU	Arti	09 13 32.1 +4.6		
ARU	Arti	09 17 30.8 +2.2		
ARU	Arti	09 05 17.8 +0.5		
P43A	Skages, Pawnee	61.25 62 P	P	09 05 16.0 -1.6
VLDO	Val d'Or	61.27 48 eP	P	09 05 14.8 -2.7
U39A	Green Forest	61.34 67 P	P	09 05 16.4 -1.9
A04A	Mansfield	61.34 66 P	P	09 05 16.1 -2.1
CCM	Cathedral Cave	61.42 64 P	P	09 05 16.8 -1.9
CCM	Cathedral Cave	61.42 64 eP	P	09 05 17.1 -1.6
CCM	Cathedral Cave	61.42 64 eP	P	09 05 17.1 -1.6
CCM	Cathedral Cave	61.42 64 eP	P	09 05 17.1 -1.6
O44A	Mansfield	61.46 61 P	P	09 05 17.1 -1.8
S41A	Jillco Farms,	61.47 65 P	P	09 05 17.1 -2.0
Y36A	Durant	61.48 71 P	P	09 05 18.6 -0.5
N45A	Kentland	61.48 59 P	P	09 05 17.1 -1.9
R42A	Lueberbering	61.51 64 P	P	09 05 17.6 -1.7
X37A	Clayton	61.52 69 P	P	09 05 18.5 -1.0
X37A	Clayton	61.52 69 eP	P	09 05 18.7 -0.8
V39A	Pettigrew	61.63 67 P	P	09 05 18.8 -1.4
W38A	Poteau	61.68 69 P	P	09 05 19.8 -0.7
U40A	Yellville	61.72 66 P	P	09 05 19.0 -1.8
X38A	Whitesboro	61.78 69 P	P	09 05 20.5 -0.7
O45A	Potomac	61.79 60 P	P	09 05 20.3 -0.9
Y37A	Hugo	61.81 70 P	P	09 05 20.7 -0.7
JCT	Junction City	61.83 76 P	P	09 05 20.0 -1.6
JCT	Junction City	61.83 76 eP	P	09 05 20.6 -1.0
JCT	Junction City	61.83 76 eP	P	09 05 20.6 -1.0
JCT	Junction City	61.83 76 eP	P	09 05 20.6 -1.0
Z36A	Blue Ridge	61.84 71 P	P	09 05 20.9 -0.7
T41A	Mountain View	61.85 65 P	P	09 05 19.5 -2.1
N46A	Monticello	61.86 59 P	P	09 05 20.4 -1.3
P44A	San Creek, Wi	61.86 61 P	P	09 05 19.9 -1.7
S42A	Caledonia	61.87 64 P	P	09 05 19.9 -1.8
R43A	Red Bud	61.99 63 P	P	09 05 21.1 -1.5
W39A	Magazine	62.01 68 P	P	09 05 21.3 -1.4
SFIN	Lafayette	62.04 60 P	P	09 05 21.4 -1.4
SFIN	Lafayette	62.04 60 eP	P	09 05 22.3 -0.5
V40A	Witts Springs	62.13 67 P	P	09 05 21.9 -1.6
WHTX	Lake Whitney	62.15 73 P	P	09 05 22.7 -0.9
WHTX	Lake Whitney	62.15 73 eP	P	09 05 23.3 -0.4
T42A	Van Buren	62.23 65 P	P	09 05 21.8 -2.3
U41A	Viola	62.26 66 P	P	09 05 22.5 -1.8
P45A	Graceland, Par	62.30 61 P	P	09 05 23.3 -1.3
X39A	Fountain Ranch	62.31 69 P	P	09 05 23.0 -1.8
136A	Ennis	62.35 72 P	P	09 05 24.2 -0.8
Y38A	Idabel	62.37 70 P	P	09 05 24.3 -0.8
Z37A	Pogue Cattle C	62.37 71 P	P	09 05 24.4 -0.7
S43A	Fulton Ridge,	62.41 64 P	P	09 05 23.6 -1.8
W40A	Ferguson Farm,	62.42 67 P	P	09 05 24.6 -0.8
W40A	Ferguson Farm,	62.42 67 eP	P	09 05 24.9 -0.6
R44A	Waltonville	62.48 62 P	P	09 05 24.5 -1.3
V41A	Mountainview	62.52 66 P	P	09 05 24.5 -1.6
P46A	Rosedale	62.52 60 P	P	09 05 24.9 -1.2
Q45A	Warren Harvey,	62.52 61 P	P	09

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like X50A Fort Payne, LRAL Lakeview Retre, Z49A Columbiana, etc.

ISCJB 02 08:56:40.2, 0.5, 39.11N, 0.04, 27.50E, 0.05, h0km, Error ellipse: s-maj=6.8km s-min=4.3km az=37.0

CSEM 02 08:56:40.4, 0.4, 39.09N, 27.53E, h1km, MD2.5, Error ellipse: s-maj=12.6km s-min=8.0km az=39.0, Suspected Mining explosion.

ISK 02 08:56:42.6, 39.10N, 27.57E, h5km, MD2.5 DDA 02 08:56:42.6, 39.10N, 27.57E, h7km, MD2.5, Suspected Mining explosion.

ISC 02 08:56:39.0, 0.8, 39.10N, 0.03, 27.57E, 0.03, h0km, n28, 0859/36, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKS Akhisar, BALY Balya, DEMI Demirci, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KXCT Karacabey (Bur), BOZC Bozcaada, AYDN Aydin, etc.

THE 02 08:59:38.8, 37.84N, 21.42E, h18km, 1km, ML2.5/18, Error ellipse: s-maj=1.0km s-min=0.3km az=85.0

CSEM 02 08:59:38.3, 0.1, 37.84N, 21.40E, h15km, ML2.6, Error ellipse: s-maj=2.2km s-min=1.5km az=72.0

ATH 02 08:59:37.9, 37.85N, 21.40E, h26km, 1km, ML2.6/9, Error ellipse: s-maj=1.7km s-min=0.8km az=48.0, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, etc.

DRO Drossia 0.27 67 P S Pb 08 59 44.6 +0.1

DRO Drossia 0.27 67 P S Pb 08 59 43.9 +0.3

DRO Drossia 0.27 67 P S Pb 08 59 44.6 +0.1

DRO Drossia 0.27 67 P S Pb 08 59 44.6 +0.1

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DRO Drossia 0.27 67 P S Pb 08 59 44.6 +0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DSL Palaion Diasel, DYL Agios Nikonas, etc.

WEL 02 09:00:26.2, 0.9, 32'S, 16.1, 18'0E, 3'0, h303km, 31km, mb3.9/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, HAZ Te Kaha, PUZ Puketiti, etc.

PUZ Puketiti 5.90 192 P S Pb 09 03 05.9 +0.6

RUGZ Raukumara Rang 5.92 197 P S Pb 09 01 53.9 -0.8

RUGZ Raukumara Rang 5.92 197 P S Pb 09 03 04.5 -1.4

TKGZ Te Karaka 6.34 194 S S Pb 09 01 58.0 -1.5

TKGZ Te Karaka 6.34 194 S S Pb 09 03 14.1 -0.7

URZ Urewera 6.35 200 S S Pb 09 02 00.1 +0.5

URZ Urewera 6.35 200 S S Pb 09 03 14.9 -0.1

RIGZ Rimuhau 6.61 194 S S Pb 09 02 02.5 -0.3

RIGZ Rimuhau 6.61 194 S S Pb 09 03 20.7 -0.2

SNGZ Shannon Station 6.78 197 P S Pb 09 02 05.6 +0.8

SNGZ Shannon Station 6.78 197 P S Pb 09 03 27.1 +2.6

NMHZ Naumai 7.21 199 P S Pb 09 02 09.2 -0.9

NMHZ Naumai 7.21 199 S S Pb 09 03 34.9 +0.6

CSEM 02 09:00:41.8, 0.3, 37.07N, 27.73E, h2km, MD2.0, Error ellipse: s-maj=1.1, 9km s-min=5.7km az=15.0

ISK 02 09:00:43.0, 37.04N, 27.56E, h9km, MD2.0, Turkey

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

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.3 +0.8

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

BDRM Kayabasi 0.10 283 P P S Pb 09 00 46.4 +0.9

ISCJB 02 09:15:39.5, 0.5, 52.78S, 0.08, 26.3E, 0.2, h10km, mb4.1/13, MS3.9/10, Error ellipse: s-maj=19.7km s-min=11.2km az=163.4

IDC 02 09:15:40.6, 0.2, 52.54S, 26.82E, h0km, mb3.7/8, mb1.3/9, mb1mx3.8/31, mbtmp3.8/8, MS3.9/10, mb1.3/9/10, ms1mx3.7/29, Error ellipse: s-maj=29.3km s-min=21.5km az=53.0

GCMT 02 09:15:41.5, 0.3, 52.92S, 25.61E, h24km, 1km, MW5.1/69, Moment Tensor Solution, s35,c42; s69,c99; Duration: 0 Moment tensor: Scale 1019N; Mr-0.64; 22; Mw0.49; 21; Mw0.38; 19; Mw0.88; 25; Mw0.75; 15; Mw0.12; 26; Best double couple: Ms0.60400; 1016 NP1: 119.00000; 886.00000; 1.700000; NP2: 0.280000; 883.00000; 1.1760000; Principal axes: T 5.4400, P168.0000, Azm343.0000; N -0.7580, P162.0000; Azm1150.0000; P -4.6890, P162.0000; Azm253.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 02 09:15:41.5, 0.4, 52.80S, 26.52E, h10km, mb4.1/3 Error ellipse: s-maj=18.7km s-min=11.2km az=71.0

ISC 02 09:15:41.1, 0.6, 52.81S, 0.09, 26.6E, 0.2, h10km, n40, 0152/34, mb4.1/13, MS3.9/10, 1D, South of Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SYO Syowa Base, SUR Sutherland, etc.

SYO Syowa Base 17.36 164i Op ISC h m s ISC 09 19 40.4 +2.7

SUR Sutherland 20.85 346 P LR 09 20 22.5 -0.6

SUR Sutherland 20.85 346 P LR 09 20 22.5 -0.6

MAW Mawson 22.84 144 LR 09 27 50.4

MAW Mawson 22.84 144 LR 09 20 45.0 +1.0

SNAA Snares 22.91 204 P LR 09 20 42.5 -2.3

SNAA Snares 22.91 204 P LR 09 20 43.1 -1.7

BOSA Boshof 24.20 357 P LR 09 20 55.8 -2.0

BOSA Boshof 24.20 357 P LR 09 28 41.0

BOSA Boshof 24.20 357 P LR 09 20 55.8 -2.0

BOSA Boshof 24.20 357 P LR 09 20 57.5 -3.3

LBTB Lobatse 27.77 358 LR 09 30 27.3

QSPA South Pole Ice 37.41 180 P LR 09 22 53.0 -1.0

VNDA Vanda 47.01 168 P LR 09 24 10.8 -1.0

VNDA Vanda 47.01 168 P LR 09 24 54.5

VNDA Vanda 47.01 168 P LR 09 24 11.1 -0.7

KMBO Kilima Mbogo 52.27 14 LR LR 09 45 27.9

H10S2 ASCENSION HYDR64.98 307 T T 10 24 26.1

H10S3 ASCENSION HYDR65.00 307 T T 10 24 35.1

H10S1 ASCENSION HYDR65.00 307 T T 10 24 32.2

PLCA Paso Flores 62.67 238 P LR 09 26 08.2 +2.4

PLCA Paso Flores 62.67 238 P LR 09 26 07.8 +1.9

CPUP Villa Florida 65.91 258 P LR 09 26 27.6 +0.5

TORD Torodi Ar. Bea 69.10 334 P LR 09 26 46.8 -0.5

TOA1 Torodi Ar. Bea 69.10 334 P LR 09 26 46.8 -0.5

STKA Stephens Creek 78.49 128 P LR 09 27 44.3 +2.0

STKA Stephens Creek 78.49 128 P LR 09 53 54.9

STKA Stephens Creek 78.49 128 P LR 09 27 44.1 +1.8

RPZ Rata Paka 79.10 155 LR LR 10 01 22.7

ASAR Alice Springs 81.27 118 P LR 09 27 58.5 +1.0

ASAR Alice Springs 81.27 118 P LR 09 55 21.6

AS31 Alice Springs 81.27 118 P LR 09 27 58.5 +0.9

WRA Warramunga Arr 84.52 116 P LR 09 28 14.9 +0.6

WRA Warramunga Arr 84.52 116 P LR 09 28 14.9 +0.6

CMAR Chiang Mai Arr 94.31 65 LR LR 10 04 03.5

2d 9h
ZM Mont Dzumac 97.67 143 eLR LR 10 01 03.9
TBI Tubuai 104.09 184 eLR LR 10 03 57.5
PPTZ Papeete 109.82 184 eLR LR 10 06 38.6
RES Resolute Bay 148.26 334 PKPbc 09 35 24.3 +2.0
PD31 Pinedale Array 149.33 269 ePKPcf 09 35 26.1 +0.8
PDAR Pinedale Array 149.33 269 PKP 09 35 26.1 +0.8

NEIC 02 09:22:08.6-0.0, 16:09N-94:56W, h60km, MD4.0(MEX), After MEX.
MEX 02 09:22:08.7-0.0, 16:11N-94:55W, h54km, 12km, MD4.0, Oaxaca

Code Station Name Az AZZ Phase ID Time Res
PCIG 1.34 107 Op ISC 09 22 29.7 -1.4
PCIG 1.34 107 eS S 09 22 29.7 -1.4
PCIG 1.34 107 eS Pn 09 22 29.7 -1.4
TGIG 1.52 64 eP S 09 22 32.5 -1.2
TGIG 1.52 64 eP Pn 09 22 32.5 -1.2

IDC 02 09:25:32.6-2.8, 32:54S-178:20W, h0km, mb4, 1/4, mb1 4.3/5, mb1mx3.9/27, mbmt4.1/5, ML3.7/1, MS5.2/1, Ms1 5.2/1, ms1mx2.9/27, Error ellipse: s-maj=62.8km s-min=43.8km az=128.0

WEL 02 09:25:38.9-0.9, 33:5:15:17:8W, 1:9, h181km, 31km, mb4, 1/9, Mw3.5/1
ISC 02 09:25:38.2-3.2, 32:0:1:17:8W, 0:3, h20km, n38, a+153/37, mb4, 1/4, South of Cooks Islands

Code Station Name Az AZZ Phase ID Time Res
RAO Raoul Island 3.39 3 LR 09 27 20.4
WMGZ Waionmatatini S 5.89 208 P 09 27 01.6 +0.3
WMGZ Waionmatatini S 5.89 208 S 09 28 09.4 +1.3
HAZ Te Kaha 6.10 212 P 09 27 04.4 +0.2

AYDN Tasoluk 0.89 200 P Pg 09 29 30.4 -0.8
AYDN Tasoluk 0.89 200 P P 09 29 30.4 -0.8
GDZ Gediz 1.12 58 P Pg 09 29 35.6 +0.4
GDZ Gediz 1.12 58 S Pg 09 29 35.6 +0.4

NEIC 02 09:35:02.4-0.0, 43:46S-172:83E, h14km, ML3.8(WEL), After WEL.
NEIC Feit at Christchurch and Kaiapo.
WEL 02 09:35:02.1-0.5, 43:5:2:17:3E, h5km, ML3.8/7, South Island

Code Station Name Az AZZ Phase ID Time Res
CRLZ Canterbury Las 0.21 230 P+ 09 35 06.9 +0.7
CRLZ CRLZ 0.21 230 S+ 09 35 10.2 +1.2
CRLZ Canterbury Las 0.21 230 P 09 35 10.2 +1.2
CRLZ Canterbury Las 0.21 230 S 09 35 10.2 +1.2

IDC 02 09:39:56.4-0.4, 16:43N-46:63W, h0km, mb4, 3/27, mb1 4.5/29, mb1mx4.4/43, mbmt4.3/29, ML4.5/2, MS4.2/22, Ms1 4.2/22, ms1mx4.2/30, Error ellipse: s-maj=13.3km s-min=11.7km az=149.0

ISCJCB 02 09:39:55.3-0.2, 16:37N-0:05:46W, 0:03, h13km, mb4, 7/92, MS4.2/22, Error ellipse: s-maj=7.8km s-min=4.7km az=176.5

GCMT 02 09:39:56.4-0.3, 16:55N-46:58W, h12km, MW5.0/97, Moment Tensor Solution, s32,c39; s97,c148; D39:0; 0 Moment tensor: Scale 1016Nm; M1-3,8E-10; Mw0, 18E-10; Mw3, 68E-08; Mw0.53E-09; Mw0-2.3E-09; Mw1-1.15E-25; Best double couple: M3,932000, 1016 N1P1=350.00000; S54.00000; A-97.00000; NP2: a=182.00000; b37.00000; A-80.00000. Principal axes: T 3.8780, P19.0000, Azm85.0000; N 0.2100, Plg6.0000, Azm354.0000; P -4.0870, Plg80.0000. Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 09:39:56.4-0.2, 16:31N-46:54W, h10km, mb4, 9/58 Error ellipse: s-maj=6.4km s-min=4.5km az=183.0

BUJ 02 09:39:56.4, 16:40N-46:60W, h10km, mb5.0/1, Ms7 5.3/1
ISC 02 09:39:56.8-0.4, 16:36N-0:07:46S, 0:06, h13km, n141, a+15/36, mb4, 8/92, MS4.2/22, Northern Mid-Atlantic Ridge

Code Station Name Az AZZ Phase ID Time Res
PCRV Puerto La Cruz 18.25 253 P 09 44 12.8 -1.5
SJM San Juan 18.78 215 P 09 44 16.4 0.0
SJM San Juan 18.78 215 P 09 44 16.4 0.0
PTGA Pitinga 21.52 219 P 09 44 46.2 +0.4

H10S2 ASCENSION HYDR0.39 126 T T 10 30 28.3
KOWA Kowa 41.01 87 eP 09 47 40.5 +0.5
SCHO Schefferville 41.46 342 LR LR 10 01 39.1
TIC Toumoudi 41.77 98 ePKP2 P 09 47 45.2 -1.1
LIC Lamto 41.88 99 ePKP2 P 09 47 46.7 -0.6
DBIC Dimbokro 41.92 98 P P 09 47 47.9 +0.4
DBIC Dimbokro 41.92 98 eP P 09 47 47.8 +0.4
KIC Kosan Boksa 42.12 99 ePKP2 P 09 47 45.8 -3.4
SFIN Lafayette 42.43 313 eP P 09 47 51.5 +0.2
PB11 ISO Station P 42.46 213 eP P 09 47 51.1 -0.9
ESDC Sonseca Array 43.67 49 P P 09 48 02.3 +0.8
ESDC Sonseca Array 43.67 49 P P 09 48 02.3 +0.8

Table with columns: CCUT, Cedar City, 61.93 304 eP, P, 09 50 16.3 -0.4, etc. Includes stations like W13A Hualapai Mount, HLID Halley, MFID Camas Ranch, etc.

Table with columns: BMVZ Mangateitei, 0.75 166 Ph, Pn, 09 57 31.2 +0.4, etc. Includes stations like MTVZ Mangateitei, MHEZ Mangaeha, MOVZ Moawhango, etc.

Table with columns: THZ Tophouse, 3.58 209 Pn, Pn, 09 57 54.9 -4.2, etc. Includes stations like THZ Tophouse, KHZ Kahutara, KSZ Kahutara, etc.

IOC 02 10:01:33.2:1.1, 26:87N:143:57E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/34, mb1mp3.6/6, ML3.8/1, Error ellipse: s-maj=43.6km s-min=19.2km az=83.0/6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like MJAR Matushiro Arr, KLR Kul, SONM Songoing Array, etc.

ISCJB 02 10:21:15.1:0.4, 7.41S:0.04:74.87W:0.08, h150km, mb3.7/10, Error ellipse: s-maj=11.5km s-min=6.1km az=177.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like NNA Nana, NNA, NNA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like OTAV Otavalo, FLOC Flocavio, LA Cruz, etc.

MEX 02 09:57:01.7:0.0, 16.78N:99.77W, h14km, 3km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like APC2 Acapulco, CAIG Aci Cayaco, MEIG Mezcala, etc.

NEIC 02 09:57:01.7:0.0, 38.65S:175.27E, h210km, ML4.1(WEL), After WEL

WEL 02 09:57:02.0:0.5, 39.54S:147.5E, h201km, 3km, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like HIZ Huiti, HIZ, HIZ, etc.

JMA 02 10:24:09.8:0.1, 24.24N:122.13E, h57km, 2km, M2.9

ISCJB 02 10:24:10.5:0.3, 24.31N:102.122.17E:0.02, h48km, 5km, Error ellipse: s-maj=3.4km s-min=2.2km az=155.5, etc.

TAP 02 10:24:10.8:0.2, 24.30N:122.05E, h54km, ML3.4, C, Error ellipse: s-maj=3.4km s-min=2.2km az=155.5, etc.

ISC 02 10:24:11.1:0.2, 24.30N:122.05E:0.03, h22.16E:0.02, h46km, 8km, n67, -0.94/125, 6S-SD, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc. Includes stations like EOS1 EOS1, ENAH Nanao, ENA Nanao, etc.

s-maj=55.7km s-min=33.6km az=133.0
WEL 02 12:16:32.81.3.29 S.27.17.8W.6.6, h28km, 11km
ISC 02 12:16:30.2.1.0.287.9S.01.0.178.4W.0.2, h300km, n22,
s155/24, mb3.6/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RIZ Raoul Island, RAO Raoul Island, GLKZ Green Lake, etc.

MEX 02 12:15:55.1.0.3, 15.92N-96.91W, h10km, 4km, MD3.7,
Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, VHO Vista Hermosa, etc.

WEL 02 12:44:17.0.8.36 S.13.17.9W.1.4, h33km, ML4.6/7,
ML4.6/10

IDC 02 12:44:22.6.5.5, 35.45S-179.49W, h49km, 47km, mb4.2/3,
mb1.4/3.5, mb1mx3.8/26, mbtmp4.4/5, ML4.0/2, Error
ellipse: s-maj=54.6km s-min=37.2km az=113.0

ISC 02 12:44:20.9.1.7, 35.5S.0.1.179.2W.0.2, h47km, n31,
s146/32, mb4.3/5, East of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WNGZ Watomatatini S, etc.

IDC 02 12:51:56.2.7.2, 23.90S-179.50E, h600km, 85km, mb3.0/5,
mb1.3/2.6, mb1mx3.0/24, mbtmp4.1/6, Error ellipse:
s-maj=102.2km s-min=37.9km az=155.0, South of Fiji
Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, etc.

CSEM 02 13:01:03.7, 36.87N-2.66E, h0km, ML3.9

CRAAG 02 13:01:03.7, 36.87N-2.66E, M13.9, Northern Algeria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EMHD Djebel Mahoud, ADJB Djebel Djouab, etc.

IDC 02 13:07:07.8.0.3, 3.40S-150.77E, h0km, mb4.1/13,
mb1.4/2/13, mb1mx4.1/36, mbtmp4.1/13, MS3.7/19,
Ms1.3/7/19, ms1mx3.6/38, Error ellipse: s-maj=25.9km
s-min=16.2km az=107.0

NEIC 02 13:07:08.7.0.5, 3.43S-150.77E, h10km, mb4.7/12, Error
ellipse: s-maj=11.5km s-min=9.1km az=102.0

ISCJB 02 13:07:10.8.0.4, 3.50S.0.05.150.63E.0.07, h33km,
mb4.4/31, MS3.8/19, Error ellipse: s-maj=9.5km
s-min=7.2km az=2.2

BUI 02 13:07:11.7.2.93S-150.52E, h9km, mb4.6/24, mb5.1/17,
Ms4.8/7/17, MS4.8/7/17

ISC 02 13:07:12.4.0.5, 3.48S-150.77E, h35km, n62,
s195/54, mb4.4/31, MS3.7/19, 1C, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul.

Table with columns: MANU Manus Island, PMG Port Moresby, etc.

Table with columns: PMG Port Moresby, COEN Coen, CTA Charters Tower, etc.

Table with columns: GUMO Gumbo, FAKI Fak Fak, MTD Manton Dam, etc.

Table with columns: WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: DZM Mont Dzumac, DZM Mont Dzumac, ASO1 Alice Springs, etc.

Table with columns: ARSA Armidale, SOEI Soe, FITZ Fitzroy Crossi, etc.

Table with columns: STKA Stephens Creek, STKA Stephens Creek, RAO Raoul Island, etc.

Table with columns: MJAR Matushiro Arr, KSRS Korea Array, NJ2 Nanjing, etc.

Table with columns: USRK Ussutysk Arr, USRK Ussutysk Arr, ENH Enshel, etc.

Table with columns: CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CD2 Chengdu, etc.

Table with columns: PETK Petropavlovsk-56, PETK Petropavlovsk-56, HHC Hu-ho-hao-te, etc.

Table with columns: LHZ Lanzhou, LHZ Lanzhou, LHZ Lanzhou, etc.

Table with columns: LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: PPT Papeete, PPT Papeete, PPT Papeete, etc.

Table with columns: GNTA Gontar, GNTA Gontar, GNTA Gontar, etc.

Table with columns: SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, etc.

Table with columns: MAW Mawson, INK Inuvik, YKA Yellowknife Arr, etc.

Table with columns: TORO Torodi Arr, IDC 02 13:16:20.8-57.0, 16.47S-178.17W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: JHO Hitachi, JHO Hitachi, JHO Hitachi, etc.

Table with columns: CHOU Chosi, CHOU Chosi, JYT Yasato, etc.

Table with columns: ONAJ Iwakimizuishi, ONAJ Iwakimizuishi, ONAJ Iwakimizuishi, etc.

Table with columns: JFB Kawauchi, JFB Kawauchi, JSB Shiba, etc.

Table with columns: MJAR Matushiro Arr, MJAR Matushiro Arr, MAT Matushiro, etc.

Table with columns: H1N2 WAKE ISLAND Hy 27.92 119 T, H1N1 WAKE ISLAND Hy 29.19 119 T, etc.

Table with columns: H1N3 WAKE ISLAND Hy 29.14 119 T, H1S1 WAKE ISLAND Hy 28.61 121 T, etc.

Table with columns: H1S2 WAKE ISLAND Hy 28.62 122 T, H1S3 WAKE ISLAND Hy 28.61 122 T, etc.

Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: IDC 02 13:35:01.3-1.1, 43.27N-29.21W, h0km, mb3.7/9, mb1.4/0.9, etc.

Table with columns: DAVOX Davos/Dischmat, VRAC Vranov, TORO Torodi Arr, etc.

Table with columns: TORO Torodi Arr, TORO Torodi Arr, DBIC Dimbrok, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MLZ Mavora Lakes, BFZ Birch Farm, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ARCES ARCES Array B, KURK Kurchatov, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like EATA Eleskirt, HYR Hyderabad, etc.

KRSC 02 16:50:49.9-0.9,49.06N-156.99E,h15km,14km,ML3.8,

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SKR Severo-Kuril's, KDTR Khodutka, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warramunga Arr, BRTR Keskin Array B, etc.

DDA 02 16:21:04.7,38.51N-43.33E,h5km,ML3.2

ISK 02 16:21:04.1,38.48N-43.42E,h4km,ML3.2

CSEM 02 16:21:05.1-0.4,38.50N-43.37E,h2km,ML3.2, Error ellipse: s-maj=8.8km s-min=5.3km az=120.0

ISC 02 16:21:04.8,1.38:50N:0.02:43:33E:0.02,h1km,10km,

n41,1910B2,Turkey

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

ISC 02 16:06:17.0-0.7,52.21N:171.85W,h0km,mb3.9/22,

mb1 4.1/24,mb1mx3.0/46,mbtmp3.9/24,ML3.5/2,MS2.7/2, Ms1 2.8/2,ms1mx2.5/36,Error ellipse: s-maj=23.5km

s-min=12.8km

ISCJB 02 16:06:22.2,0.5,51.98N:10.171:73W:0.06,h50km, mb4.0/27,MS2.2/1,Error ellipse: s-maj=14.4km

s-min=3.4km az=164.2

NEIC 02 16:06:25.1-0.6,52.18N:171.75W,h61km,qkm,mb4.2/4, ML3.7(AEIC),Error ellipse: s-maj=14.4km s-min=4.3km az=167.0

ISC 02 16:06:23.7-0.7,52.11N:171.73W:0.04,h50km,n66,

a191570,mb3.9/27,Fox Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KOPF Korovin Flat P, ATKA Atka Island, etc.

ISC 02 16:11:16.3-1.3,13:35S:66:50E,h10km,mb4.2/1,Error

ellipse: s-maj=50.4km s-min=16.8km az=58.0

ISC 02 16:11:16.1-2.3,13:45O:46:56E:0.5,h10km,n21,

a0589/m4.07,MS3.4/3,Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

KRSC 02 16:41:51.1-1.1,0.52:43N:159:45E,h51km,14km,ML3.7,

Off east coast of Kamchatka Peninsula

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

ISC 02 16:19:26.0,38:82N:43:58E,h5km,ML3.4

DDA 02 16:19:26.9,38:81N:43:58E,h17km,ML3.5

CSEM 02 16:19:27.9-0.2,38:82N:43:56E,h5km,ML3.5,Error ellipse: s-maj=5.0km s-min=3.6km az=131.0

ISC 02 16:19:28.2-0.9,38:83N:0.02:43:54E:0.02,h8km,7km,

n63,1908/93,8C-6D,Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

ISC 02 16:19:26.0,38:82N:43:58E,h5km,ML3.4

DDA 02 16:19:26.9,38:81N:43:58E,h17km,ML3.5

CSEM 02 16:19:27.9-0.2,38:82N:43:56E,h5km,ML3.5,Error ellipse: s-maj=5.0km s-min=3.6km az=131.0

ISC 02 16:19:28.2-0.9,38:83N:0.02:43:54E:0.02,h8km,7km,

n63,1908/93,8C-6D,Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

2d 18h

2012 JAN

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like TKM2 Tokmak 2, KZA Kyzart, KBK Karagaybulak, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like DAG Danmarks Havn, MOS Moscow, STKA Stephens Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like RYN Ryan, KVN Kaiserville, AKASO Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BR231 Keskin MP Arra, DOPR Dopca, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BFO Black Forest, FETA Feichten, DAVA Danule, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, RCBR Babate, H10N3 ASCENSION HYDR23.35, etc.

NIED 02 19:34:00,36:40N,14:170E,h11km,Mw4.5 Best double couple: M5.32000x1015 P1p1qz215.00000, r314.00000, x102.00000, NP2qz23.00000, r78.00000, x87.00000.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like CRVS, DPC, DVCS, etc.

CNRM 02 19:47:35.7, 36:08N, 7:56W, h30km, MD3.6

CSEM 02 19:47:35.1, 0.1, 36:11N, 7:41W, h30km, ML3.1, Error ellipse: s-maj=3.2km s-min=2.3km az=58.0

SFS 02 19:47:36.0, 36:13N, 7:39W, h0km, ML4.4

MDD 02 19:47:36.9, 0.7, 36:15N, 7:38W, h30km, mblG3.1/36

FR: Error ellipse: s-maj=7.8km s-min=3.5km az=27.0, PFXIMO

IGIL 02 19:47:36.9, 36:12N, 7:45W, h26km, ML2.8

INMG 02 19:47:37.4, 1.3, 36:11N, 7:45W, h31km, 19km, MD2.9

ML3.2, Error ellipse: s-maj=2.6km s-min=1.7km az=67.0

ISC 02 19:47:34.6, 1.1, 36:18N, 0.04, 7.34W, 0.03, h31km, 11km, n176, o1976/314, 11C-14D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like PBDV, PVAQ, EGRO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like EMIN, MESJ, PBEJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like PMRV, EQU, PTOM, etc.

Table of station data for the left column, including station names like ETOB, UCM, PBRG, and various codes and times.

Table of station data for the middle column, including station names like H11S2, H11S1, H11N1, and various codes and times.

Table of station data for the right column, including station names like BUR08, BUR04, BUR21, and various codes and times.

ICD 02 19:55:34.6;2.7;6.51S;148.16E;h0km,mb3.9/3, mb1 3.9/5, mb1mx3.5/35, mbtrmp3.6/5, ML3.7/1, MS3.1/2, Ms1 3.1/2, ms1mx2.9/25, Error ellipse: s-maj=59.1km s-min=37.4km az=9.0

ISCJB 02 20:45:27.8;0.6;35.9N;0.1;137.5E;0.1;h300km,mb2.8/4, Error ellipse: s-maj=16.3km s-min=14.3km az=8.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Shimob, JYUN, JRY, JOD2, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPX, San Pedro Mart, SPX, SPX, etc.

JMA 02 20:50:48.0,22.82N,120.54E,h7km,2km,M3.8
TAB 02 20:50:49.8,22.83N,120.68E,h20km,ML3.4,B
ISCJB 02 20:50:51.2,0.2,22.79N,0.01,120.69E,0.02,h25km,2km,
Error ellipse: s-maj=2.7km s-min=2.0km az=166.5

Main table of station data for the first column, including codes like SGLT, TWM1, SGST, etc.

Main table of station data for the second column, including codes like WJWS, WJWS, SSLL, etc.

Main table of station data for the third column, including codes like CBX, Cerro Bola, CBX, etc.

IDC 02 21:13:49.8,7.4,19.75S,177.76W,h527km,79km,
mb1.84,mb1.3,2.4,mb1mx2.8/3.1,mbtmp3.7/4,Error
ellipse: s-maj=133.4km s-min=28.9km az=157.0,Fiji
Islands region

Table of station data for the IDC 02 21:13:49.8 event, including codes like ASAR, ASAR, WRA, etc.

IDC 02 21:38:34.1,2.9,32.71S,178.22W,h0km,mb4.1/2,
mb1.4,3/3,mb1mx3.8/2.7,mbtmp4.1/3,ML3.7/1,MS2.8/1,
Ms1.2.8/1,ms1mx2.5/2.7,Error ellipse: s-maj=68.4km
s-min=35.8km az=119.0,South of Kermadec Islands

Table of station data for the IDC 02 21:38:34.1 event, including codes like URZ, URZ, DZM, etc.

DDA 02 21:41:33.2,38.90N,43.76E,h7km,ML3.0
ISK 02 21:41:33.0,38.95N,43.72E,h5km,ML3.0
ISCJB 02 21:41:34.0,0.6,38.95N,0.03,43.75E,0.04,h8km,4km,
Error ellipse: s-maj=5.9km s-min=4.3km az=27.9
CSEM 02 21:41:34.1,0.2,38.95N,43.74E,h5km,ML3.0,Error
ellipse: s-maj=5.7km s-min=3.9km az=117.0

ISC 02 21:41:33.7,0.9,38.92N,0.02,43.74E,0.03,h13km,6km,
n43,088/60,Turkey

Main table of station data for the DDA/ISK/ISCJB event, including codes like VMUR, VMUR, CLDR, etc.

ISCJB 02 21:11:29.8,1.3,31.68N,0.03,115.97W,0.04,
h16km,11km,Error ellipse: s-maj=6.9km s-min=3.5km
az=141.5

NEIC 02 21:11:30.2,0.0,31.69N,115.96W,h5km,ML2.4(ECX),
ML3.0(PAS),After ECX.

ECX 02 21:11:30.2,0.5,31.68N,115.95W,h5km,MD2.4,ML2.7
MEX 02 21:11:31.6,0.3,31.69N,115.94W,h17km,492km,MD3.6

ISC 02 21:11:27.5,1.3,31.69N,0.03,115.93W,0.04,
h12km,11km,n24,086/44,6C-4D,Baja California

Table of station data for the ISCJB/NEIC/ECX/MEX/ISC event, including codes like ECNX, ECNX, CCX, etc.

Table with station names and coordinates: MKAR Makanchi Array, YLAK Eielson Array, YLAK Yellowknife Ar.

Table with station names and coordinates: ROM 02 22:40:59.3, ROM 02 22:41:05.2, ROM 02 22:41:05.2, ROM 02 22:41:05.2.

Table with station names and coordinates: SFI Santa Sofia, SFI Santa Sofia, VMG Vicchio, VMG Vicchio, CRE Caprese Michel.

Table with station names and coordinates: PARC Parchiule, PARC Parchiule, IMOL Imola, Italy, IMOL Imola, Italy, BADI Badiali, BADI Badiali, PTF Prato, PTF Prato, ATMCMonte Cedrone, ATMCMonte Cedrone, ATMCMonte Cedrone, ATMCMonte Cedrone.

Table with station names and coordinates: AVT AVT- Monte Val, AVT AVT- Monte Val, FSSB Fossombrone, FSSB Fossombrone, SSFR Montelago di S, SSFR Montelago di S.

Table with station names and coordinates: TIR Tirane, TIR Tirane, TIR Tirane, TIR Tirane, OHR Ohrid, OHR Ohrid, PPH Peshkopia, PPH Peshkopia, PPH Peshkopia, PPH Peshkopia.

Table with station names and coordinates: NEST Nestorio, NEST Nestorio, NEST Nestorio, NEST Nestorio, NEST Nestorio, NEST Nestorio.

Table with station names and coordinates: FNA Florina, FNA Florina, FNA Florina, FNA Florina, KRUS Krusevo, KRUS Krusevo, KRUS Krusevo, KRUS Krusevo.

Table with station names and coordinates: PENT Pentalofofos, PENT Pentalofofos, SCD Santa Cesarea, SCD Santa Cesarea, KPI Kipourio, KPI Kipourio, KPI Kipourio, KPI Kipourio.

Table with station names and coordinates: BCI Bajram Curri, BCI Bajram Curri, BCI Bajram Curri, BCI Bajram Curri, BCI Bajram Curri, BCI Bajram Curri.

Table with station names and coordinates: CSEM 02 22:54:10.9, CSEM 02 22:54:10.9, CSEM 02 22:54:10.9, CSEM 02 22:54:10.9, CSEM 02 22:54:10.9, CSEM 02 22:54:10.9.

Table with station names and coordinates: KARP Karpathos, KARP Karpathos, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos.

Table with station names and coordinates: ZKR Zakros, ZKR Zakros, ZKR Zakros, ZKR Zakros, ZKR Zakros, ZKR Zakros.

Table with station names and coordinates: IDI Anoyia, IDI Anoyia, IDI Anoyia, IDI Anoyia, IDI Anoyia, IDI Anoyia.

Table with station names and coordinates: VLY Voula, Athens, VLY Voula, Athens, VLY Voula, Athens, VLY Voula, Athens, VLY Voula, Athens.

Table with station names and coordinates: VLG Vlachokerasia, VLG Vlachokerasia, VLG Vlachokerasia, VLG Vlachokerasia, VLG Vlachokerasia, VLG Vlachokerasia.

Table with station names and coordinates: ITM Ithomi, ITM Ithomi, ITM Ithomi, ITM Ithomi, ITM Ithomi, ITM Ithomi.

Table with station names and coordinates: AMT Artemida-Makis, AMT Artemida-Makis, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, KZIT Kziot, KZIT Kziot, KZIT Kziot.

Table with station names and coordinates: KALE Kalithea, KALE Kalithea, LAKA Lakka, LAKA Lakka, TRIZ Trizonia, TRIZ Trizonia, HMDT Nahal Hemdat, HMDT Nahal Hemdat.

Table with station names and coordinates: YTR Yattir, YTR Yattir, EFP Etaplof, EFP Etaplof, BRTR Kesklin Array B, BRTR Kesklin Array B, BRTR Kesklin Array B, BRTR Kesklin Array B.

Table with station names and coordinates: PRNI Paran, PRNI Paran, HRFI Mount Harif, HRFI Mount Harif, MBRI Mt Berech, MBRI Mt Berech, EIL Elat, EIL Elat.

Table with station names and coordinates: TORO Torod Ar. Bea, TORO Torod Ar. Bea, MKAR Makanehi Array, MKAR Makanehi Array, ATH 02 22:55:17.8, ATH 02 22:55:17.8, CSEM 02 22:55:17.0, CSEM 02 22:55:17.0.

Table with station names and coordinates: BODT Bodrum, BODT Bodrum, BODT Bodrum, BODT Bodrum, BODT Bodrum, BODT Bodrum.

Table with station names and coordinates: NISR Nisiros, NISR Nisiros, NISR Nisiros, NISR Nisiros, NISR Nisiros, NISR Nisiros.

Table with station names and coordinates: MRSB Marmaris-Mugla, MRSB Marmaris-Mugla, MRSB Marmaris-Mugla, MRSB Marmaris-Mugla, MRSB Marmaris-Mugla, MRSB Marmaris-Mugla.

Table with station names and coordinates: SMG Samos, SMG Samos, SMG Samos, SMG Samos, SMG Samos, SMG Samos.

Table with station names and coordinates: KUS Kusadasi-Aydn, KUS Kusadasi-Aydn, KUS Kusadasi-Aydn, KUS Kusadasi-Aydn, KUS Kusadasi-Aydn, KUS Kusadasi-Aydn.

Table with station names and coordinates: GMLD Gumuldur, GMLD Gumuldur, GMLD Gumuldur, GMLD Gumuldur, GMLD Gumuldur, GMLD Gumuldur.

Table with station names and coordinates: DNZL Denizli, DNZL Denizli, DNZL Denizli, DNZL Denizli, DNZL Denizli, DNZL Denizli.

Table with station names and coordinates: KARP Karpathos, KARP Karpathos, KARP Karpathos, KARP Karpathos, KARP Karpathos, KARP Karpathos.

Table with station names and coordinates: CHOS Chios Island, CHOS Chios Island, CHOS Chios Island, CHOS Chios Island, CHOS Chios Island, CHOS Chios Island.

ellipse: s-maj=3.4km s-min=2.9km az=41.0
DDA 03 01:08:49.2, 38.75N, 30.46E, h7km, ML2.6
ISK 03 01:08:49.1, 38.72N, 30.47E, h4km, ML2.8
ISC 03 01:08:49.6, 1.0, 38.74N, 0.02-30.43E, 0.02, h7km, gkm,

0.1nm, 0.4s, baz=16, slow=6.6, SNR=3.3
NOA NORSAR Array B 71.86 37 P P 01 35 47.3 -0.6
1.7nm, 1.0s, baz=36, slow=8.9, SNR=3.0

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

IDC 03 01:25:27.7, 3.5, 17.82S, 179.50W, h0km, mb3.8/4,
mb1 4.1, mb1mx3.6/32, mbtmp3.8/4, Error ellipse:
s-maj=110.5km s-min=32.5km az=136.0, Fiji Islands
region

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

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

NIED 03 01:24:00, 39.90N, 142.40E, h35km, Mw3.9 Best double
couple: M6.71000x1014 NP1.3200000, 829.000000,
1.99, 0.00000, NP2.313.00000, 861.00000, 1.85, 0.00000

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JTH, JTH, MIYJ, MIYJ, MIYJ.

KIEV Kiev comp=Z, 1.0nm, 0.7s 13.67 318 i P Pn 01 53 48.3 +0.6
BRVK Borovoye 21.39 48 i P Pmax 01 55 25.4 +4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUC, PB14, CPCH, G003, PB10, LCO, TLL.

JMA 03 02:10:05.8, 0.4, 32.66N, 142.29E, h71km, M3.5,
Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSO1, BSO1, JHO, JHO, JHO.

ATH 03 02:18:23.8, 40.15N, 24.05E, h22km, 1km, ML2.1/10, Error
ellipse: s-maj=1.4km s-min=0.9km az=337.0,
ISCJB 03 02:18:24.1, 0.6, 40.15N, 0.02-24.06E, 0.03, h7km, 4km,
Error ellipse: s-maj=3.3km s-min=2.8km az=16.3

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SKIA, FYTO, SKY, KNT, SMIA, etc.

BEO 03 02:20:22.3:0.8,44.97N:23.47E, h9km,6km, M1,4/5
CSEM 03 02:20:23.6:0.2,45.09N:23.45E, h10km, ML1.4, Error ellipse: s-maj=5.2km s-min=3.8km az=148.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LOT, SRE, ARR, VOIR, MDVR, BZS, KUBS, ZAGS, DOPR, CJR, DRGR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DRGR, MLR, ZAPS, BURAR, etc.

KRSC 03 02:57:39.8:0.8,55.22N:162.54E, h82km,21km, ML4.2
ISCJB 03 02:57:41.1:0.4,55.23N:162.53E:0.06, h84km,6km,
MOS 03 02:57:41.2:0.5,55.26N:162.53E, h81km, mb3.4/2, Error ellipse: s-maj=8.5km s-min=5.2km az=75.1

Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBTR, Zelenaya, Kizimen, etc.

BUC 03 02:20:23.2:0.3,45.11N:23.48E, h6km,4km, M2.4/3, 3C-26D, Error ellipse: s-maj=7.0km s-min=2.7km az=125.0, Romania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KII, ESO, SPN, NLC, NDR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RUS, MUTVR, APC, ASAK, etc.

WEL 03 02:58:23.3:0.8,33.5S:179E:2.7, h308km,29km, mb3.6/9, Mw3.9/2, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WMGZ, HAZ, PKZG, etc.

IDC 03 03:00:33.0:51.0, 19.21S:179.81W, h0km, mb4.1/3, mb1.4/2/3, mb1mx3.6/34, mbtmp4.1/3, Error ellipse: s-maj=916.8km s-min=147.6km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

ISCJB 03 03:03:44.8:42.40N:151.15E, h7km, M1.3, ISC 03 03:03:44.1:1.2,42.48N:151.04E:0.03, h4km,11km, n21,0:50/42, Western Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ONI, AKH, BGD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like FALS False Pass, DRIA Deer Island, ISLZ Isanotski Laza, etc.

ISC 03 05:52.16.4.27.12N:143.73E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.2/36, mbmtmp3.4/4, ML3.6/1, Error ellipse: s-maj=233.5km s-min=28.1km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like MJAR Matsushiro Arr, SONMG Songoing Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like THN Thein Dam, MNAS Manas, MNAS 12nm,0.7s, etc.

ISC 03 05:56.35.3.0.4.38.18N:48.23E, h46km, 36km, ML3.6 N5SP 03 05:56:37.5, 38.15N:47.77E, h8km, Ms3.5 IDC 03 05:56:41.3, 1.9, 38.21N:47.97E, h0km, mb3.7/4, Mb1 3.8/8, mb1mx3.4/57, mbmtmp3.7/8, ML3.2/3, MS3.1/1, Ms1 3.1/1, ms1mx2.4/42, Error ellipse: s-maj=35.3km s-min=12.1km az=5.0 CSEM 03 05:56:41.3, 0.2, 38.26N:47.90E, h10km, ML3.5, Error ellipse: s-maj=4.5km s-min=4.1km az=162.0 TEH 03 05:56:41.6, 38.14N:47.72E, h10km, ML3.6 ISC 03 05:56:40.8, 1.3, 38.27N:0.03, 47.87E, 0.02, h4km, 10km, m2, r1833/86, mb3.6/4, 33C 6D, Northwestern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like LRLK Lerik, LRLK SNR=341, GRMI Ghermi, ASTR Astara, etc.

ISC 03 04:48:03.7, 0.6, 37.51N:0.03, 38.69E:0.03, h0km, 5km, Error ellipse: s-maj=5.8km s-min=3.7km az=167.5 CSEM 03 04:48:03.8, 0.1, 37.51N:38.71E, h0km, MD3.0, Error ellipse: s-maj=2.4km s-min=2.3km az=166.0 DDA 03 04:48:03.0, 37.49N:38.69E, h7km, MD3.0 ISC 03 04:48:03.7, 0.9, 37.50N:0.03, 38.70E:0.02, h11km, 7km, n29, r0611/45, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like URFU Urfa, URFU Malatya, ATAB Bozova, SURC SANLIURFA_SURC, etc.

ISC 03 04:49:02.6, 0.5, 50.15N:0.03, 19.05E:0.03, h0km, Error ellipse: s-maj=4.5km s-min=2.1km az=17.7 IPEC 03 04:49:04.2, 0.2, 50.09N:19.19E, h1km, 1km, ML2.3/3, Error ellipse: s-maj=2.8km s-min=1.1km az=163.0 CSEM 03 04:49:04.3, 0.4, 50.10N:19.09E, h2km, ML2.9/11, Error ellipse: s-maj=9.6km s-min=3.9km az=13.0 PRU 03 04:49:04.6, 5.0, 12N:19.08E, h0km VIE 03 04:49:07.9, 1.6, 50.19N:18.64E, h0km, mb2.1/1, ML2.4/3, Error ellipse: s-maj=12.9km s-min=9.0km az=95.0 Suspected Mining induced.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like OJC Ojcow, OJC Ojcow, OJC Ojcow, OKC Ostrowsa-Krasne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like LANS Liptovska Anna, NIE Niedzica, NIE Niedzica, MORC Moravsky Berou, etc.

GERES GERESS Array B 26.71 304 P P 04 02 23.7 +2.4 comp=Z,1.0nm,0.8s,baz=93,slow=8.1,SNR=5.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like NNC 03 04:02:16.2, 1.8, 36.51N:70.13E, h0km, mb3.9, mpv3.6, 2C-4D, Error ellipse: s-maj=19.2km s-min=11.4km az=143.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like CTC Charters Tower, STKA Stephens Creek, ASAR Alsa Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

ISC 03 04:26:28.5, 1.7, 0.2262S:174.43W, h0km, mb4.2/5, mb1 4.4/5, mb1mx3.9/29, mbt16.2/5, Error ellipse: s-maj=326.0km s-min=138.9km az=82.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like URFU Urfa, URFU Malatya, ATAB Bozova, SURC SANLIURFA_SURC, etc.

ISC 03 04:49:02.6, 0.5, 50.15N:0.03, 19.05E:0.03, h0km, Error ellipse: s-maj=4.5km s-min=2.1km az=17.7 IPEC 03 04:49:04.2, 0.2, 50.09N:19.19E, h1km, 1km, ML2.3/3, Error ellipse: s-maj=2.8km s-min=1.1km az=163.0 CSEM 03 04:49:04.3, 0.4, 50.10N:19.09E, h2km, ML2.9/11, Error ellipse: s-maj=9.6km s-min=3.9km az=13.0 PRU 03 04:49:04.6, 5.0, 12N:19.08E, h0km VIE 03 04:49:07.9, 1.6, 50.19N:18.64E, h0km, mb2.1/1, ML2.4/3, Error ellipse: s-maj=12.9km s-min=9.0km az=95.0 Suspected Mining induced.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like OJC Ojcow, OJC Ojcow, OJC Ojcow, OKC Ostrowsa-Krasne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like LANS Liptovska Anna, NIE Niedzica, NIE Niedzica, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VRAC Vranov, DPC Dobruska-Polom, KECS Kecovo, etc.

MEX 03 05:03:15.1±0.7, 15°98'N, 94°49'W, h48km, 27km, MD3.8. Near coast of Oaxaca. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 03 05:15:00.9±3.8, 30°49'S, 138°26'E, h0km, mb1 2.8/3, mb1mx2.8/30, mbtmp2.5/3, ML2.3/3, Error ellipse: s-maj=86.5km s-min=16.3km az=41.0, South Australia. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISC/JB 03 05:21:34.7±0.7, 29°87'S, 0°05:142°60'E, h10km, Error ellipse: s-maj=8.6km s-min=6.1km az=149.5. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISC 03 05:21:36.8±0.9, 29°94'S, 0°06:142°51'E, h10km, n9, r=141/14, New South Wales. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 03 05:25:03.2±2.2, 16°99'S, 178°06'W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.7/25, mbtmp3.8/4, Error ellipse: s-maj=176.4km s-min=27.4km az=148.0, Fiji Islands region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

0.6mm, 0.9s, baz=227, slow=9.9, SNR=5.6. ILAR Eielson Array 84.92 13 P P 05 37 38.5 -1.1. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 03 05:34:22.5±6.7, 18°98'S, 175°87'W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.6/41, mbtmp4.1/3, Error ellipse: s-maj=275.8km s-min=107.8km az=152.0, Tonga Islands. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 03 05:39:45.0±1.1, 11°93'N, 143°67'E, h0km, mb3.6/8, Mb1 3.9/9, mb1mx3.5/60, mbtmp3.7/9, ML3.8/1, MS3.6/1, Ms1 3.6/1, ms1mx2.7/34, Error ellipse: s-maj=33.6km s-min=2.1km az=122.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 03 05:48:08.0±13.0, 39°37'N, 142°72'E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.2/59, mbtmp3.4/3, ML2.7/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/40, Error ellipse: s-maj=313.4km s-min=47.9km az=163. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

JMA 03 05:48:19.8±0.1, 38°43'N, 142°17'E, h30km, 1km, M3.6. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

NNC 03 06:04:55.3±9.5, 36°73'N, 70°61'E, h277km, 123km, mb2.5, mpv3.5, 8C-2D, Error ellipse: s-maj=98.3km s-min=92.1km az=57.0, Hindu Kush region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISC/JB 03 06:16:47.6±0.7, 46°05'N, 0°07:154°3E, h1, h20km, mb3.6/12, Error ellipse: s-maj=14.4km s-min=6.1km az=34.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISC 03 06:16:49.4±1.0, 46°01'N, 154°26'E, h32km, mb4.2/6, Error ellipse: s-maj=18.8km s-min=10.2km az=82.3. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKR Severo-Kuril's 4.89 16i ePN Pn 06 18 01.2 -0.6. SKR Severo-Kuril's 4.89 16 eS Pn 06 18 01.0 0.0. SKR Severo-Kuril's 4.89 16 eS Pn 06 18 55.0 -2.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKR 70nm, 0.4s A A 06 19 02.5. SHO Shikotan 5.53 250 eP Pn 06 18 12.0 +1.4. PAU Puzhetka 5.78 18 eS A Sn 06 19 17.5 -2.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

PETK Petropavlovsk- 7.51 17 P Pn 06 18 37.0 -0.7. PETK 1.2mm, 0.3s, baz=194, slow=14, SNR=36 S Sn 06 18 07.3 +5.2. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

PETK comp=2.52mm, 19.1s, baz=217, slow=39 LR 06 21 44.5. PET Petropavlovsk 7.65 21i ePN Pn 06 18 39.7 +0.1. PET Petropavlovsk 7.65 21 eP Pn 06 18 40.6 +1.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ILAR Eielson Array 32.18 35 Pn 06 23 18.5 +2.6. ILAR Eielson Array 36.75 38 eP P 06 23 54.9 -0.1. ILAR Eielson Array 36.75 38 eP P 06 23 54.9 -0.1. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

YKA Yellowknife Arr 51.15 37 P P 06 25 50.4 -0.1. FINES FINES Array B 64.99 335 P P 06 27 27.1 -0.2. FINES FINES Array B 64.99 335 i P P 06 27 29.7 +2.3. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

WRA Warramunga Arr 68.01 200 eP P 06 27 48.0 +0.8. WRA Warramunga Arr 68.01 200 eP P 06 27 48.0 +0.8. WRA Warramunga Arr 68.01 200 eP P 06 27 48.0 +0.8. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

PLCA Paso Flores 147.50 97 PKPbc PKPdf 06 26 38.3 -0.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ATH 03 06:30:15.8, 40°01'N, 20°02'E, h17km, 2km, ML2.7/4, Error ellipse: s-maj=2.8km s-min=1.0km az=226.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SRN Sarande 0.08 221 i PG Pn 06 30 18.6 -0.5. SRN Sarande 0.08 221 i PG Pn 06 30 21.3 +0.7. SRN Sarande 0.08 221 i PG Pn 06 30 18.6 -0.5. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

KEK Kerkira 0.31 223 P Pn 06 30 22.5 -0.6. KEK Kerkira 0.31 223 P Pn 06 30 28.7 +1.4. KEK Kerkira 0.31 223 P Pn 06 30 29.9. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SGD Sagiada 0.35 159 P Pn 06 30 23.2 -0.7. SGD Sagiada 0.35 159 P Pn 06 30 23.2 -0.7. SGD Sagiada 0.35 159 P Pn 06 30 23.2 -0.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKLH 03 06:16:50.6±0.6, 46°08'N, 153°87'E, h46km, 6km, mb4.5/11, IDC 03 06:16:51.9±4.1, 45°55'N, 154°30'E, h42km, 39km, mb3.4/11, mb1 3.6/11, mb1mx3.5/35, mbtmp3.6/12, ML2.5/2, MS2.7/1, Ms1 2.7/1, ms1mx2.2/31, Error ellipse: s-maj=24.1km s-min=17.7km az=152.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKR Kuril'sk 4.39 262 i PN Pn 06 17 56.8 +1.7. SKR Kuril'sk 4.39 262 eP Pn 06 18 33.3 +1.6. SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. SKR Kuril'sk 4.39 262 eS A Sn 06 18 40.9 -4.4. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LK2D Lefkada island, OHR2 Ohrid, FNA Florina, etc.

ISCJB 03 06:35:21.6,0.8,24.54N,0.08-94.60E,0.07,h82km, mb3.2/4, Error ellipse: s-maj=12.0km s-min=8.8km az=20.0

IDC 03 06:35:23.2,4.2,24.55N,94.70E,h76km,39km,mb3.0/4, mb1 3.3/5, mb1mx3.0/5.1, mbtmp3.3/5, ML3.7/1, Error ellipse: s-maj=62.6km s-min=19.1km az=70.0

ISC 03 06:35:23.0,1.0,24.6N,0.1-94.57E,0.10,h82km,n8, c=249/9,mb3.3/4, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMP Imphal, SHL Shillong, BRDH Bariadhal, etc.

MAN 03 06:44:03,13.36N-120.44E,h18km,mb4.1,ML2.9,MS2.6, 1C,Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUBP Lubang, PGP Puerto Galera, TGY Tagaytay City, etc.

IDC 03 06:47:04.8,1.1,11.11N,140.30E,h0km,mb3.4/5, mb1 3.7/5, mb1mx3.4/5, mbtmp3.4/5, Error ellipse: s-maj=89.2km s-min=21.3km az=98.0, Western Caroline Islands

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

IDC 03 06:54:27.3,1.1,11.05N,140.54E,h0km,mb3.3/5, mb1 3.6/5, mb1mx3.4/5, mbtmp3.3/5, Error ellipse: s-maj=92.6km s-min=21.6km az=99.0, Western Caroline Islands

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

ISCJB 03 07:00:30.2,0.6,48.94N,0.06-68.57E,0.08,h0km, mb3.8/2,MS2.8/1, Error ellipse: s-maj=9.7km s-min=6.6km az=28.1

NNC 03 07:00:33.1,1.6,49.01N,68.64E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=16.5km s-min=12.6km az=92.0, Suspected Mining explosion.

IDC 03 07:00:34.1,1.7,48.98N,68.65E,h0km,mb3.8/2, mb1 3.6/6, mb1mx3.2/52, mbtmp3.4/6, ML3.0/4, MS2.8/1, Ms1 2.8/1, ms1mx2.5/48, Error ellipse: s-maj=17.3km s-min=9.0km az=7.0

ISC 03 07:00:32.8,0.8,48.96N,0.07-68.69E,0.06,h0km,n14, c=174/15,4C-3D,Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVA0 Borovoye Array, BVA0 Borovoye Array, BVA0 Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

IDC 03 07:02:22.5,7.1,32.22N,87.40W,h0km,mb3.2/3, mb1 3.8/3, mb1mx3.4/36, mbtmp3.3/3, Error ellipse: s-maj=200.2km s-min=90.2km az=60.0

ISCJB 03 07:02:27.7,0.7,12.57N,0.07-88.28W,0.05,h58km,10km, mb3.2/3, Error ellipse: s-maj=13.9km s-min=4.1km az=2.1

UCR 03 07:02:28.2,1.2,12.58N,88.29W,h38km,182km,ML3.7, ISC 03 07:02:28.2,1.5,12.56N,0.08-88.30W,0.05,h41km,18km, n30,c=959/37,mb3.3/3,1C-1D,Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSGN Cosiguina Volc, LCND La Ca'ada, LCY Lacayo, etc.

UPEC 03 07:02:28.2,1.2,12.58N,88.29W,h38km,182km,ML3.7, ISC 03 07:02:28.2,1.5,12.56N,0.08-88.30W,0.05,h41km,18km, n30,c=959/37,mb3.3/3,1C-1D,Off coast of central America

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

IDC 03 07:12:26.8,0.9,12.68N,143.74E,h0km,mb3.7/9, mb1 3.9/9, mb1mx3.6/48, mbtmp3.7/9, Error ellipse: s-maj=23.5km s-min=17.0km az=121.0

ISCJB 03 07:12:20.7,0.7,12.6N,0.1-143.98E,0.10,h27km, mb3.7/9, Error ellipse: s-maj=18.2km s-min=9.3km az=140.8

ISC 03 07:12:30.9,0.9,12.7N,0.1-143.8E,0.11,h27km,n16, c=859/11,mb3.9/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

IDC 03 07:12:26.8,0.9,12.68N,143.74E,h0km,mb3.7/9, mb1 3.9/9, mb1mx3.6/48, mbtmp3.7/9, Error ellipse: s-maj=23.5km s-min=17.0km az=121.0

ISCJB 03 07:12:20.7,0.7,12.6N,0.1-143.98E,0.10,h27km, mb3.7/9, Error ellipse: s-maj=18.2km s-min=9.3km az=140.8

ISC 03 07:12:30.9,0.9,12.7N,0.1-143.8E,0.11,h27km,n16, c=859/11,mb3.9/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H1S1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

IDC 03 07:25:46.1,2.2,26.79N,143.27E,h0km,mb3.3/5, mb1 3.5/6, mb1mx3.3/55, mbtmp3.3/6, ML3.5/1, Error ellipse: s-maj=43.8km s-min=22.0km az=84.0, 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, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, YKA Yellowknife Arr, etc.

ISCJB 03 07:30:49.7,1.7,34.58S,0.05-72.87W,0.08,h7km,9km, Error ellipse: s-maj=11.9km s-min=6.2km az=30.5

GUC 03 07:30:50.5,0.7,34.54S,0.93W,h22km,3km,ML3.8, SJA 03 07:30:55.4,1.0,34.82S,72.72W,h40km,ML3.5, MW4.5, ISC 03 07:30:51.7,1.7,34.68S,0.04-72.75W,0.08,h11km,11km, n17,c=142/26,1C,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHPI Pichilemu, GO05 Hualae0, GO05 Hualae0, etc.

ROCI El Roble, ROCI El Roble, CLCH Cerro Calan, LMLL Las Melosas, LMLL Las Melosas, LMLL Las Melosas

CANA Cavihue, AAGR Agrelo, ARCO CERRO ARCO, ARCO CERRO ARCO

ARCO CERRITO, AUSP Uspallata, RTVC Cerro Valdivia

MOS 03 07:39:56.8,2.2,39.75N,77.34E,h15km,mb4.4/9, Error ellipse: s-maj=8.2km s-min=4.9km az=92.3

KRNET 03 07:39:57.1,0.1,39.89N,77.18E,mb4.4, NNC 03 07:39:57.9,3.3,39.89N,77.17E,h0km,mb4.5,mpv4.2, Error ellipse: s-maj=30.6km s-min=15.1km az=143.0

BUI 03 07:39:57.0,39.94N,77.34E,h9km,mb4.3/24,mb4.5/9, ML4.2/8, Ms4.0/9, Ms7.3/9.5

SOME 03 07:39:59.2,39.92N,77.40E,h20km, IDC 03 07:40:00.5,2.8,39.75N,77.28E,h38km,22km,mb3.9/16, mb1 4.0/23, mb1mx3.8/65, mbtmp4.1/23, ML3.5/7, MS3.4/6, Ms1 3.4/6, ms1mx3.0/51, Error ellipse: s-maj=20.3km s-min=12.9km az=9.0

NEIC 03 07:40:01.0,6.0,9.39,84N,77.29E,h44km,7km,mb4.5/10, Error ellipse: s-maj=9.0km s-min=5.8km az=167.0

ISC 03 07:39:56.8,1.4,39.77N,0.03-77.29E,0.03,h9km,8km, n17,c=251/10,216,mb4.4/33,MS3.4/6,56C-20D,Southern Xinjiang

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

NRN Naryn, NRN Naryn

ULHL Ulahol, ULHL Ulahol, ULHL Ulahol

KZA Kyzart, KZA Kyzart

KZA Kyzart, PRZ Przhval'sk, PRZ Przhval'sk

SFK Sufi-Kurgan, SFK Sufi-Kurgan

SFK Sufi-Kurgan, SFK Sufi-Kurgan

SFK Sufi-Kurgan, SFK Sufi-Kurgan

SFK Sufi-Kurgan, SFK Sufi-Kurgan

SFK Sufi-Kurgan, SFK Sufi-Kurgan

GUMO Guam, BOOM Booms koye usch, BOOM Booms koye usch

H1S1 WAKE ISLAND Hy, UCH UCH, UCH UCH

H1S2 WAKE ISLAND Hy, UCH UCH, UCH UCH

H1N1 WAKE ISLAND Hy, IZV Izvestkoviy, IZV Izvestkoviy

H1N2 WAKE ISLAND Hy, IZV Izvestkoviy, IZV Izvestkoviy

H1N3 WAKE ISLAND Hy, KBK Karagaybulak, KBK Karagaybulak

MJAR Matsushiro Arr, WRA Warramunga Arr, WRA Warramunga Arr

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array

ZALV Zalesovo Beam, YKA Yellowknife Arr, NVAR Niina Array Bea

IDC 03 07:25:46.1,2.2,26.79N,143.27E,h0km,mb3.3/5, mb1 3.5/6, mb1mx3.3/55, mbtmp3.3/6, ML3.5/1, Error ellipse: s-maj=43.8km s-min=22.0km az=84.0, Bonin Islands region

MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs

MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs

MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs

Table of astronomical observations for 2012 JAN, columns include station name, frequency, polarization, and position angle.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like SLVT, SBT2, ELBA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like WESP, WESE, AKUT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like SUMG, TX31, TXAR, etc.

IDC 03 08:19:33.0.0.8, 11.98N:143.71E, h0km, mb3.7/10, mb1 3.9/10, mb1mx3.7/37, mbtmp3.7/10, Error ellipse: s-maj=31.1km s-min=17.6km az=112.0

IDC 03 08:19:36.8.0.9, 12.00N:0.1:143.8E:0.2, h25km, n14, 080/12, mb3.7/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like GUMU, H11N1, H11N2, etc.

IDC 03 08:19:36.8.0.9, 12.00N:0.1:143.8E:0.2, h25km, n14, 080/12, mb3.7/10, South of Mariana Islands

IDC 03 08:19:36.8.0.9, 12.00N:0.1:143.8E:0.2, h25km, n14, 080/12, mb3.7/10, South of Mariana Islands

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

IDC 03 08:48:22.2.1.7, 0.57N:126.78E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.1/54, mbtmp3.2/4, Error ellipse: s-maj=170.0km s-min=21.6km az=66.0, Northern Molucca Sea

IDC 03 08:53:01.9.0.9, 11.94N:143.58E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.7/65, mbtmp3.8/8, ML3.8/1, MS3.1/3, Ms1 3.2/3, ms1mx2.7/43, Error ellipse: s-maj=34.1km s-min=19.8km az=105.0

ISCJB 03 08:53:03.6.0.4, 11.93N:0.07:143.5E:0.1, h25km, mb4.1/16, MS3.5/2, Error ellipse: s-maj=17.3km s-min=7.2km az=28.2

NEIC 03 08:53:06.8.0.3, 11.94N:143.59E, h35km, mb4.3/8, Error ellipse: s-maj=15.2km s-min=6.5km az=109.0

ISC 03 08:53:05.4.0.7, 12.00N:0.1:143.9E:0.2, h25km, n27, 085/24, mb4.2/16, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists stations like GUMU, H11N1, H11N2, etc.

IDC 03 08:35:55.1.1.4, 2.38N:84.59W, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.7/28, mbtmp3.6/7, ML2.5/1, MS3.2/6, Ms1 3.3/6, ms1mx3.0/34, Error ellipse: s-maj=64.1km s-min=21.2km az=50.0

ISCJB 03 08:35:57.3.1.0, 2.42N:0.1:84.5W:0.1, h26km, mb3.5/6, MS3.1/3, Error ellipse: s-maj=23.5km s-min=10.7km az=77.2

ISC 03 08:35:58.5.1.2, 2.30N:0.2:84.6W:0.2, h26km, n17, 0133/12, mb3.5/6, MS3.1/3, Off coast of central America

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

IDC 03 08:35:55.1.1.4, 2.38N:84.59W, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.7/28, mbtmp3.6/7, ML2.5/1, MS3.2/6, Ms1 3.3/6, ms1mx3.0/34, Error ellipse: s-maj=64.1km s-min=21.2km az=50.0

ISCJB 03 08:35:57.3.1.0, 2.42N:0.1:84.5W:0.1, h26km, mb3.5/6, MS3.1/3, Error ellipse: s-maj=23.5km s-min=10.7km az=77.2

ISC 03 08:35:58.5.1.2, 2.30N:0.2:84.6W:0.2, h26km, n17, 0133/12, mb3.5/6, MS3.1/3, Off coast of central America

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

IDC 03 08:55:33.8.3.7, 36.225S:101.84W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.9/26, mbtmp3.8/4, MS3.4/3, Ms1 3.3/3, ms1mx3.0/25, Error ellipse: s-maj=108.0km s-min=41.1km az=22.0

ISCJB 03 08:55:34.3.1.0, 36.1S:0.1:101.7W:0.4, h10km, mb3.7/4, MS3.3/3, Error ellipse: s-maj=41.9km s-min=18.4km az=168.0

ISC 03 08:55:36.4.1.3, 36.0S:0.2:101.6W:0.3, h10km, n11, 086/7, mb3.8/4, MS3.4/3, Southeast of Easter Island

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

ISCJB 03 08:41:36.9.0.2, 54.31N:0.04:165.22W:0.05, h104km, mb4.2/18, Error ellipse: s-maj=8.2km s-min=3.3km az=149.6

NEIC 03 08:41:37.0.1.1, 51.52N:165.23W, h98km, mb4.3/17, ML3.8/AE10, After ALEIC P

IDC 03 08:41:37.0.1.1, 51.52N:165.23W, h98km, mb4.3/17, ML3.8/AE10, After ALEIC P

IDC 03 08:41:38.0.0.6, 54.26N:0.08:165.12W:0.04, h99km, mb4.3/19, Fox Islands

IDC 03 08:41:38.0.0.6, 54.26N:0.08:165.12W:0.04, h99km, mb4.3/19, Fox Islands

IDC 03 08:41:36.9.0.2, 54.31N:0.04:165.22W:0.05, h104km, mb4.2/18, Error ellipse: s-maj=8.2km s-min=3.3km az=149.6

NEIC 03 08:41:37.0.1.1, 51.52N:165.23W, h98km, mb4.3/17, ML3.8/AE10, After ALEIC P

IDC 03 08:41:37.0.1.1, 51.52N:165.23W, h98km, mb4.3/17, ML3.8/AE10, After ALEIC P

IDC 03 08:41:38.0.0.6, 54.26N:0.08:165.12W:0.04, h99km, mb4.3/19, Fox Islands

IDC 03 08:41:38.0.0.6, 54.26N:0.08:165.12W:0.04, h99km, mb4.3/19, Fox Islands

IDC 03 09:00:08.9.1.1, 51.65N:96.10E, h0km, mb3.8/2, mb1 3.4/6, mb1mx3.1/73, mbtmp3.4/6, ML2.8/4, Error ellipse: s-maj=35.6km s-min=10.7km az=2.0

MOS 03 09:00:12.7.1.4, 51.63N:95.30E, h7km, mb4.0/2, Error ellipse: s-maj=25.3km s-min=12.1km az=178.0

ISC 03 09:00:10.0.0.9, 51.8N:0.2:96.0E:0.7, h10km, n22, 085/24, mb4.0/2, Error ellipse: s-maj=25.3km s-min=12.1km az=178.0

3d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERZN Erzincan, KELT Kelkit, BAYT Aydıntepe-Bay, etc.

IDC 03 09:39:39.6 1.5, 33.50Sx178.34W, h0km, mb4.0/3, mb1.4/3.4, mb1mx3.8/29, mbtmp4.0/4, ML3.6/1, MS3.3/1, Ms1.3/3.1, ms1mx2.4/37, Error ellipse: s-maj=61.8km s-min=31.3km az=151.0

NEIC 03 09:39:40.7 0.8, 33.55Sx178.30W, h10km, mb4.4/2, Error ellipse: s-maj=27.1km s-min=11.2km az=130.0

WEL 03 09:39:41.7 0.6, 33.5Sx179W.1'4, h33km, mb4.3/11, ML4.7/12, Mw3.6/4

ISC 03 09:39:43.4 1.1, 33.6Sx178.3W, h2.4h1km, n43, a170/45, mb4.0/4, South of Kermaec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, WMWG Waioamatatini S, WMGZ Waioamatatini S, etc.

DJA 03 10:03:32.1 0.7, 8.5Sx11.9E, h12km, mb4.0/3, ML3.5/6, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLA1 Plampang, PLA1 Waikabubak, Su, etc.

ISK 03 10:13:47.1, 37.12N, 29.98E, h11km, MD2.6 CSEM 03 10:13:48.5 0.2, 37.07N, 30.02E, h10km, MD2.6, Error ellipse: s-maj=5.9km s-min=4.3km az=2.0

DDA 03 10:13:48.9 0.7, 37.07N, 30.02E, h7.4km, MD2.4 ISC 03 10:13:48.9 1.1, 37.11N, 03:29.99E, h4km, n11km, n23, c09737, Turkey

2021 JAN

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

MEX 03 10:15:05.3 0.5, 14.96N, 92.81W, h74km, 8km, MD3.8 IDC 03 10:15:03.9 8.4, 15.35N, 92.39W, h55km, 61km, mb3.3/4, mb1.3/7.6, mb1mx3.4/32, mbtmp3.5/6, ML3.4/2, Error ellipse: s-maj=151.6km s-min=55.4km az=31.0

Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Matias Romero, TXAR Lajitas Array, NVAR Milna Array Bea, etc.

IDC 03 10:15:07.5 3.3, 26.89N, 143.75E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.5/32, mbtmp3.6/5, ML3.5/1, Error ellipse: s-maj=139.1km s-min=20.6km az=78.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KLR Kul'dur, WRA Warramunga Arr, etc.

ISK 03 10:36:35.1, 37.28N, 31.90E, h5km, MD3.0 CSEM 03 10:36:36.7 0.2, 37.29N, 31.87E, h8km, ML2.3, Error ellipse: s-maj=6.4km s-min=4.6km az=127.0

DDA 03 10:36:36.7, 37.27N, 31.90E, h7km, ML2.3 ISC 03 10:36:36.4 1.3, 37.28N, 03:31.88E, h0.05, h3km, 12km, n26, c09738, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEZP Antalya-Kepez, KMER Konya-Meram, KMER Konya-Meram, etc.

IDC 03 10:40:16.5 5.1 0.0, 16.91S, 178.56W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.6/35, mbtmp4.0/3, Error ellipse: s-maj=941.5km s-min=156.4km az=78.0, Fiji Islands region

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

SOME 03 10:43:21.9, 43.23N, 68.78E, h2km NINC 03 10:43:24.4 3.4, 43.03N, 68.99E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=26.2km s-min=23.4km az=56.0, Suspected Mining explosion

ISC 03 10:43:23.6 1.2, 43.28N, 05:69.06E, h0.06, h0km, n21, c2937/31, 7C-3D, Central Kazakhstan

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLS Boroday, CHM Chikment, KK31 Karatay Array, etc.

IDC 03 10:44:22.9 1.0, 26.91N, 143.86E, h0km, mb3.6/7, mb1.3/8.9, mb1mx3.7/46, mbtmp3.6/9, ML3.7/2, Error ellipse: s-maj=35.2km s-min=18.7km az=83.0

ISC 03 10:44:28.7 1.0, 27.1N, 01:143.7E, 0.2, h35km, n10, c1584/11, mb3.6/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KSRS Krasnoyarsk Arr, KLR Kul'dur, etc.

MEX 03 10:48:24.6 0.4, 14.99N, 92.83W, h76km, 7km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Muntele Rosu, TGIG Tugay, etc.

IDC 03 11:19:42.5 3.0, 59.54Sx159.65E, h0km, mb4.1/3, mb1.4/4.3, mb1mx4.0/22, mbtmp4.1/3, MS3.5/2, Ms1.3/5.2, mb1mx3.0/26, Error ellipse: s-maj=198.4km s-min=44.8km az=66.0, Macquarie Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

ISC 03 11:26:11.9 0.7, 21.22S, 0:04.68W, 0.1, h125km, 8km, mb3.4/2, Error ellipse: s-maj=17.6km s-min=6.4km az=7.1

GUC 03 11:26:12.9 0.7, 21.19S, 68.98W, h122km, 4km, ML3.6

IDC 03 11:26:15.9 5.9 2.1, 105.68E, 41W, h129km, 65km, mb3.4/2, mb1.3/5.4, mb1mx3.2/30, mbtmp3.7/4, Error ellipse: s-maj=112.0km s-min=33.7km az=9.0

ISC 03 11:26:12.0 0.9, 21.20S, 0:05.68W, 0.09, h113km, 9km, n14, c1940/24, Chile-Bolivia border region

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

ISCJB 03 11:26:11.9 0.7, 21.22S, 0:04.68W, 0.1, h125km, 8km, mb3.4/2, Error ellipse: s-maj=17.6km s-min=6.4km az=7.1

GUC 03 11:26:12.9 0.7, 21.19S, 68.98W, h122km, 4km, ML3.6

IDC 03 11:26:15.9 5.9 2.1, 105.68E, 41W, h129km, 65km, mb3.4/2, mb1.3/5.4, mb1mx3.2/30, mbtmp3.7/4, Error ellipse: s-maj=112.0km s-min=33.7km az=9.0

ISC 03 11:26:12.0 0.9, 21.20S, 0:05.68W, 0.09, h113km, 9km, n14, c1940/24, Chile-Bolivia border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, IAML, and various array stations.

ISCJB 03 11:35:51.9,0.8,5:54S;0.07x147.3E;0.2,h195km, mb3.7/8, Error ellipse: s-maj=21.5km s-min=9.6km az=9.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, and others.

IDC 03 11:37:52.0,0.7,0:96S;127.13E,h0km,mb4.1/15, mb1.4/2.16,mb1mx4.1/45,mbtmp4.1/16,ML4.0/1,MS3.3/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBMI, SANI, TINTI, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA, KLR, SONM, and others.

MEX 03 11:46:05.0,6,16:52N;95:82W,h11km,8km,MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG, VHO, and others.

ISCJB 03 11:50:08.6,0.5,38:81N;0:04;27:88E;0.05,h10km,3km, Error ellipse: s-maj=8.0km s-min=4.4km az=41.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKHS, KULA, and others.

IDC 03 11:54:26.7,1.1,21:71N;144:11E,h0km,mb3.8/7, mb1.4/0.7,mb1mx3.5/47,mbtmp3.8/7, Error ellipse: s-maj=35.4km s-min=27.2km az=107.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, MKAR, and others.

IDC 03 11:59:15.7,4.9,28:05S;178:45W,h180km,71km, mb3.2/2,mb1.3/5.2,mb1mx3.0/31,mbtmp3.7/2, Error ellipse: s-maj=150.4km s-min=80.6km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, ASAR, and others.

s-min=18.4km az=110.0, ISCJB 03 12:12:35.8,0.6,36:59N;0:04;141:66E;0.05,h26km, mb3.4/8,MS4.1/5, Error ellipse: s-maj=6.4km s-min=5.7km az=41.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONAJ, JHO, JFK, and others.

ISCJB 03 12:12:58.0,0.7,59:30N;0:03;27:22E;0.09,h0km, Error ellipse: s-maj=6.6km s-min=4.0km az=23.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARBE, VASU, and others.

ISC 03 12:12:59.3,1.0,59:30N;26:99E,ML2.6, BER 03 12:13:00.0,0.3,0:59;32N;27:13E,h0km,ML2.6(NAO), Suspected explosion

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTSE, FIAO, and others.

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

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

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

IDC 03 12:18:48.5±1.1, 101.42N; 86.56W, h0km, mb3.6/7, mb1 3.9/8, mb1mx3 8/29, mbtmp 3.6/8, MS3.1/3, MS1 3.1/3, MS1mx2 7/24, Error ellipse: s-maj=5.4, 3km s-min=21.6km az=55.0

ISC 03 12:18:48.5±1.2, 101.34N; 0.06, 86.81W, 0.06, h1km, 12km, n48, r19/56, mb3.6/9, 11C Off coast of Costa Rica

ISC 03 12:18:48.5±1.1, 101.42N; 86.84W, h12km, 7km, MD3.7, ML3.9, MW4.4

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, ISC. Includes stations like Vista de Mar, La Cruz, Bodega del ICE, etc.

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

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

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

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

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

IDC 03 12:20:10.3±0.5, 49.40N; 156.23E, h0km, mb4.5/25, mb1 4.7/30, mb1mx4 6/38, mbtmp 4.5/30, ML 4.0/4, MS4.4/32, MS1 4.4/32, MS1mx2 4/43, Error ellipse: s-maj=13.4km s-min=1.1km az=33.0

ISC 03 12:20:14.0±0.4, 49.31N; 0.02, 156.26E, 0.03, h39km, 3.6km, mb4.9/211, MS4.5/40, Error ellipse: s-maj=4.7km s-min=2.5km az=142.2

BUI 03 12:20:14.1, 49.51N; 156.30E, h50km, mb4.9/66, MB5.2/52, MS4.9/56, MS7 4.7/54

MOS 03 12:20:16.5±1.0, 49.46N; 156.22E, h54km, mb5.2/73, MS4.3/8, Error ellipse: s-maj=6.4km s-min=2.7km az=83.0

ISC 03 12:20:17.0±0.5, 49.39N; 156.14E, h52km, 4km, mb4.9/114, Error ellipse: s-maj=4.4km s-min=2.4km az=156.0

ISC 03 12:20:17.0±0.5, 49.31N; 0.02, 156.26E, 0.03, h39km, 3.6km, mb4.9/211, MS4.5/40, Error ellipse: s-maj=4.7km s-min=2.5km az=142.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Gumba, Makanchi Array, Pulchi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like San Nicolas Is, San Clemente I, Santa Cruz Isl, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mina Array Bea, Wakaung, Yerington, etc.

ISK 03 14:09:38.1, 38.58N, 39.62E, h6km, MD2.6
DDA 03 14:09:38.5, 38.53N, 39.59E, h7km, MD2.4
ISCJB 03 14:09:39.1, 0.5, 38.58N, 0.03, 39.59E, 0.04, h3km, gkm,

OSI Osito Audit C 1.52 22 ePn Pn 14 19 20.2 -0.6
OSI Osito Audit C 1.52 22 ePn Pn 14 19 22.1 -0.6
OSI Osito Audit C 1.52 22 ePn Pn 14 19 41.1 -1.1

TXAR Lajitas Array 94.33 53 P 14 11 12.6 +1.1
TXAR Lajitas Array 94.33 53 P 14 11 12.6 +1.1
TXAR Lajitas Array 94.33 53 P 14 11 12.6 +1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sivrice-ELAZID, Pertek, Tunçelli-Merkez, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MWC Mount Wilton, ABL Mount Abel, PKM Mepherson Peak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 66.12 279 T, WAKE ISLAND Hy 66.12 279 T, etc.

DJA 03 14:21:24.5, 1.1, 0.5, 12.4E, h32km, 19km, M3.9/7,
mb4.2/1, MLV3.8/7, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MALT Malatya, MALT Malatya, ENGB Bing'li, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, SHLS Shalkode, SHLS Shalkode, etc.

IDC 03 14:11:47.6, 3.0, 9.48S, 112.76E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.2/40, mbtpm3.4/5, Error ellipse:
s-maj=143.6km s-min=22.8km az=50.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LRC Lone Oak Road, DAC Darwin (Caif), LRV Little Rabbit, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMPB Monarch Peak, PCCM Crazy Canyon, MPMC Manual Prospec, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMSI Cibinong, LUWI Luwuk, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHG Shirtilau Gully, BSSM Soledad Missio, BBGB Big Mountain B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, DARE Darende-Malaty, etc.

ISCJB 03 14:18:55.4, 0.5, 33.19N, 0.03, 119.45W, 0.03, h23km, 3km,
mb3.6/4, Error ellipse: s-maj=5.6km s-min=2.9km az=33.4
NEIC 03 14:18:56.1, 0.0, 33.20N, 119.45W, h18km, ML4.1(PAS),
After PAS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MDPB Devils Postpil, MLML Lincoln Peak, MLAC Mammoth, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, DARE Darende-Malaty, etc.

GVA	S	S	15 52 58.4	-2.5
GVA	ScP	ScP	15 53 15.0	-2.2
GVA	SnSn	SnSn	15 55 31.8	-7.9
GVA	pmax	pmax		
comp-Z,30nm,0.9s				
GVA	LR	LR		
comp-Z,140nm,5.0s				
GVA	LR	LR		
comp-Z,660nm,17.5s				
GVA	LR	LR		
comp-Z,550nm,17.8s				
GVA	LR	LR		
comp-Z,630nm,18.0s				
TYY	37.52 317	P	15 47 15.5	+1.8
TYY	eP	sP	15 47 28.7	+2.9
TYY	sP	PP	15 48 40.9	+0.4
TYY	S	S	15 53 03.0	+2.0
TYY	sS	ScP	15 53 19.1	+2.0
TYY	pmax	pmax		
comp-Z,780nm,4.7s				
TYY	LR	LR		
comp-Z,2um,13.4s				
TYY	LR	LR		
comp-Z,2um,12.6s				
TYY	LR	LR		
comp-Z,2um,11.4s				
KLR	37.81 347	P	15 47 14.6	-1.3
Kul'dur	P	P	15 47 14.6	-1.3
comp-Z,0.5nm,0.8s,baz=150,slow=9.3,SNR=18				
Kul'dur	37.81 347	eP	15 47 15.4	-0.5
XAN	38.21 310	P	15 47 17.5	-2.1
XAN	S	S	15 53 14.0	+2.5
XAN	pmax	pmax		
comp-Z,590nm,4.9s				
XAN	LR	LR		
comp-Z,2um,12.9s				
XAN	LR	LR		
comp-Z,1um,12.2s				
XAN	LR	LR		
comp-Z,2um,17.2s				
XAN	LR	LR		
comp-Z,16nm,1.4s				
SKNT	38.73 281	P	15 47 27.8	+3.7
Sakolakovn	P	P	15 47 27.8	+3.7
HHC	39.84 321	eP	15 47 33.5	+0.3
HHC	PP	Pn	15 49 07.2	-1.2
HHC	S	SPn	15 53 35.4	-0.7
HHC	sS	SS	15 53 50.1	-0.3
HHC	SS	SS	15 56 27.9	-5.1
HHC	pmax	pmax		
comp-Z,22nm,1.1s				
HHC	pmax	pmax		
comp-Z,700nm,4.3s				
HHC	LR	LR		
comp-Z,2um,14.8s				
HHC	LR	LR		
comp-Z,3um,14.8s				
HHC	LR	LR		
comp-Z,2um,14.8s				
KNL	40.47 357	eP	15 47 38.0	0.0
Nikolayevsk	pmax	pmax		
comp-Z,1um,9.0s				
KNL	pmax	pmax		
comp-Z,70nm,1.2s				
KNL	MLR	MLR		
comp-N,1um,14.0s				
KNL	MLR	MLR		
comp-E,1um,14.0s				
KNL	MLR	MLR		
comp-Z,2um,14.0s				
CHAI	40.65 280	P	15 47 43.7	+3.6
Chaiyaphum	P	P	15 47 43.7	+3.6
comp-Z,5.2nm,1.1s				
KMI	40.66 294	P	15 47 41.9	+1.5
KMI	PP	sP	15 47 51.9	-0.6
KMI	YP	PP	15 49 13.6	-0.8
KMI	S	S	15 53 47.9	-1.1
KMI	sS	sS	15 54 04.2	+0.9
KMI	pmax	pmax		
comp-Z,9.0nm,0.5s				
KMI	pmax	pmax		
comp-Z,400nm,4.1s				
KMI	LR	LR		
comp-Z,830nm,11.6s				
KMI	LR	LR		
comp-Z,1um,13.1s				
KMI	LR	LR		
comp-Z,2um,14.2s				
DZM	41.02 147	eP	15 47 45.8	+2.7
Mont Dzumac	eS	S	15 53 54.4	+0.5
comp-Z,44nm,0.9s				
DZM	eS	S	15 53 54.4	+0.5
comp-Z,1um,24.4s				
DZM	eLQ	LQ	15 57 20.7	
comp-Z,1um,34.5s				
DZM	eLR	LR	15 59 10.0	
comp-Z,3um,31.6s				
MWBA	41.12 215	eP	15 47 43.7	-0.1
Marble Bar	P	P	15 47 43.7	-0.1
comp-Z,24nm,1.1s				
CD2	41.15 303	P	15 47 42.4	-1.7
Chengdu	pP	pP	15 47 52.6	-0.1
CD2	sP	sP	15 47 57.1	+0.9
CD2	PcS	PcS	15 53 28.1	-6.3
CD2	S	S	15 53 58.5	+2.8
CD2	sS	sS	15 54 10.7	+0.7
CD2	pmax	pmax		
comp-Z,70nm,0.5s				
CD2	pmax	pmax		
comp-Z,500nm,4.9s				
CD2	LR	LR		
comp-Z,3um,14.7s				
CD2	LR	LR		
comp-Z,2um,13.9s				
CD2	LR	LR		
comp-Z,2um,12.3s				
HIA	41.58 336	eP	15 47 45.5	-1.8
Hailar	pmax	pmax		
comp-Z,102nm,1.7s				
HIA	41.58 336	eP	15 47 45.5	-1.8
Hailar	P	P	15 47 45.5	-1.8
comp-Z,102nm,1.7s				
PBKT	41.62 281	P	15 47 50.4	+2.4
Sadao Pong	P	P	15 47 50.4	+2.4
comp-Z,26nm,1.5s,comp-Z,1um				
PETK	41.84 12	LR	16 04 39.4	
Petrovavlovsk-	comp-Z,1um,20.5s,baz=207,slow=35			
NANT	41.90 284	P	15 47 53.0	+2.6
Nan	P	P	15 47 53.0	+2.6
comp-Z,2.7nm,1.0s				
PET	41.97 13	eP	15 47 52.0	+1.6
Petrovavlovsk	eS	S	15 54 06.6	-0.5
PET	pmax	pmax		
comp-Z,50nm,1.6s				
LZH	42.84 310	IP	15 47 57.6	-0.4
Lanzhou	pP	pP	15 48 09.0	-1.2
LZH	sP	sP	15 48 11.7	+5.0
LZH	PP	PP	15 49 40.7	+3.0
LZH	S	S	15 54 20.1	-0.8
LZH	sS	sS	15 54 36.1	+0.9
LZH	SS	SS	15 57 25.0	-7.6
LZH	pmax	pmax		
comp-Z,73nm,1.4s				
LZH	pmax	pmax		
comp-Z,380nm,4.4s				
LZH	LR	LR		
comp-Z,2um,12.2s				
LZH	LR	LR		
comp-Z,1um,12.3s				
LZH	LR	LR		
comp-Z,2um,16.9s				
UTHA	43.11 279	P	15 48 04.4	+4.2
Uthaitani	P	P	15 48 04.4	+4.2
comp-Z,3.2nm,1.2s				
CM01	43.54 283	eP	15 48 01.3	-2.4
Chiang Mai Arr	P	P	15 48 02.4	-1.5
CM31	43.56 283	eP	15 48 02.4	-1.5
Chiang Mai Arr	P	P	15 48 02.4	-1.5
CMAR	43.56 283	eP	15 48 02.4	-1.5
Chiang Mai Arr	P	P	15 48 02.4	-1.5
comp-Z,10nm,1.0s,baz=86,slow=3.3,SNR=18				
CMAR	43.56 283	iP	16 05 19.0	
Chiang Mai Arr	P	P	15 48 04.5	+0.7
CMAR	pmax	pmax		
comp-Z,10.0nm,1.0s				
CMMT	43.56 284	P	15 48 11.2	+7.3
Chiang Mai	P	P	15 48 11.5	+7.6
CHTO	43.56 284	P	15 48 03.0	-0.9
Chiang Mai	eP	pmax		
comp-Z,61nm,1.6s				
CHTO	43.56 284	eP	15 48 03.0	-0.9
Chiang Mai	pmax	pmax		
comp-Z,10.0nm,1.4s				
CHTO	43.56 284	eP	15 48 03.0	-0.9
Chiang Mai	P	P	15 48 03.0	-0.9
comp-Z,9.7nm,1.4s				
STKA	44.33 183	LR	16 08 06.6	
Stephens Creek	comp-Z,830nm,18.9s,baz=351,slow=38			
MSVF	45.30 131	eP	15 48 17.8	+0.1
Nonsavu	P	P	15 48 17.8	+0.1
MSVF	pmax	pmax		
comp-Z,31nm,1.1s				

MSVF	Nonsavu	45.30 131	eP	P	15 48 17.8	+0.1
comp-Z,31nm,1.1s						
PSI	Prapat	45.51 261	eP	P	15 48 19.4	-0.2
PSI	pmax	pmax				
comp-Z,29nm,1.7s						
PSI	Prapat	45.51 261	eP	P	15 48 19.4	-0.2
Prapat	comp-Z,29nm,1.7s					
CIT	Chita	46.22 334	eP	P	15 48 23.3	-1.3
CIT	e				15 48 39.9	
CIT	e				15 50 18.3	
ULN	Ulanbaatar	46.59 326	iP	P	15 48 26.7	-1.0
ULN	comp-Z,161nm,2.0s					
ULN	comp-Z,33nm,1.7s					
ULN	MLR	MLR				
ULN	Ulanbaatar	46.59 326	eP	P	15 48 26.5	-1.2
Ulanbaatar	comp-Z,2um,18.0s					
SOMN	Songino Array	46.93 326	eP	P	15 48 29.6	-0.7
Songino Array	comp-Z,8.8nm,0.9s,baz=142,slow=9.0,SNR=16					
SOMN	LR	LR			16 09 15.6	
SONAT	Songino Array	46.93 326	eP	P	15 48 29.2	-1.1
Songino Array	comp-Z,113nm,1.9s					
GTA	Gaofai	47.06 313	P	P	15 48 30.3	-1.2
GTA	pP	pP	15 48 40.4	+0.2		
GTA	sP	sP	15 48 44.5	+0.8		
GTA	ScP	ScP	15 53 52.7	-2.6		
GTA	S	S	15 55 19.5	-2.3		
GTA	sS	sS	15 58 35.5	-0.7		
GTA	SS	SS	15 58 40.3	-8.7		
GTA	pmax	pmax				
comp-Z,460nm,5.0s						
GTA	LR	LR				
comp-Z,2um,14.3s						
GTA	LR	LR				
comp-Z,1um,16.6s						
GTA	LR	LR				
comp-Z,2um,15.2s						
MA2	Magadan	47.12 5	P	P	15 48 31.2	-0.2
Magadan	comp-Z,11nm,1.0s,baz=178,slow=12,SNR=5.6					
ZAK	Zakamensk	50.07 327	eP	P	15 48 53.0	-1.4
ZAK	pmax	pmax				
comp-Z,30nm,1.5s						
YAK	Yakutsk	50.35 351	eP	P	15 48 55.1	-1.1
Yakutsk	e'PP	pP	15 49 04.2	-0.8		
YAK	e		15 50 10.8			
YAK	e		15 50 51.8			
YAK	eS	S	15 56 10.0	+2.9		
YAK	pmax	pmax				
comp-Z,43nm,1.5s						
YAK	pmax	pmax				
comp-N,20nm,1.6s						
YAK	pmax	pmax				
comp-E,6.0nm,1.5s						
YAK	pmax	pmax				
comp-Z,304nm,4.4s						
YAK	pmax	pmax				
comp-E,215nm,4.8s						
YAK	pmax	pmax				
comp-N,310nm,5.0s						
YAK	smax	smax				
comp-N,339nm,6.1s						
YAK	smax	smax				
comp-E,186nm,5.8s						
YAK	MLR	MLR				
comp-Z,1um,14.0s						
YAK	MLR	MLR				
comp-N,2um,16.0s						
YAK	MLR	MLR				
comp-E,403nm,12.0s						
YAK	50.35 351	eP	P	15 48 54.4	-1.7	
BOD	Bodaibo	50.44 340	eP	P	15 48 55.8	-1.1
Bodaibo	comp-Z,37nm,1.3s					
SEY	Seymchan	50.57 5	P	P	15 48 57.6	-0.3
Seymchan	comp-Z,6.8nm,0.9s,baz=170,slow=6.1,SNR=11					
SEY	Seymchan	50.57 5	iP	P	15 48 58.3	+0.5
Talya	50.62 329	P	P	15 48 58.2	-0.3	
Talya	comp-baz=3.5nm,0.6s,baz=145,slow=13,SNR=5.1					
TLY	Talya	50.62 329	iP	P	15 48 59.3	+0.8
TLY	eS	S	15 50 55.3			
TLY	pmax	pmax	15 56 19.9	+8.6		
comp-Z,27nm,1.3s						
TLY	MLR	MLR				
comp-Z,1um,14.0s						
TLY	50.62 329	eP	P	15 48 57.3	-1.2	
Talya	comp-Z,31nm,1.2s					
IRK	Irkutsk	50.64 330	eP	P	15 48 58.3	-0.3
IRK	pmax	pmax				
comp-Z,139nm,3.2s						
LSA	Lhasa	51.54 298	P	P	15 49 08.5	+2.2
Lhasa	51.54 298	eP	P	15 49 04.1	-2.2	
LSA	pmax	pmax				
comp-Z,6.0nm,0.8s						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MFID Camas Ranch, KBZ Khabaz, KIV Kislovodsk, etc.

ISCJB 03 16:20:12.41.0.3, 33.27S:01:08.70:41W, h105km, gkm, Error ellipse: s-maj=14.8km s-min=9.8km az=152.8

SJA 03 16:20:12.4.0.6, 33.28S:69.95W, h145km, 5km, ML2.7, MW3.3

GUC 03 16:20:13.1.0.6, 33.17S:70.29W, h98km, 4km, ML3.2

ISC 03 16:20:13.2.8.8, 33.27S:09.70:38W, 0.09, h96km, 19km, n14, c077/22, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCH Farellones, CLCH Cerro Calan, etc.

WEL 03 16:27:05.4.0.3, 43.3S:27.173E, h5km, ML4.0/57, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRL Canterbury Las, MCZ McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSZ Milford Sound, BFZ Birch Farm, etc.

ISCJB 03 16:43:08.2.0.7, 5.35S:0.06E:147.1E:0.1, h195km, mb3.5/11, Error ellipse: s-maj=20.8km s-min=8.1km az=10.3

ISC 03 16:43:10.2.1.3, 5.57S:147.13E, h207km, 17km, mb3.4/11, mb1 3.4/13, mb1mx3.4/37, mbtmp3.9/13, Error ellipse: s-maj=32.6km s-min=9.1km az=111.0

ISC 03 16:43:09.6.0.8, 5.48S:0.07:147.0E:0.2, h195km, n15, r15/10, mb3.5/11, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PTA Charters Town, etc.

ISK 03 16:44:26.0.3, 37.62N:30.63E, h5km, MD2.7

ISCJB 03 16:44:27.3.0.5, 37.61N:0.03:30.60E:0.04, h3km, 8km, Error ellipse: s-maj=5.1km s-min=5.0km az=0.1

CSEM 03 16:44:27.3.0.1, 37.62N:0.02E, h2km, MD2.7, Error ellipse: s-maj=2.6km s-min=2.6km az=20.0

DDA 03 16:44:27.5.3, 37.61N:30.61E, h7km, MD2.2

ISC 03 16:44:27.4.1.0, 37.62N:0.03:30.61E:0.02, h5km, 12km, n30, c053/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCK Bucak, SUTC Sutluce-Ispart, etc.

CSEM 03 16:47:35.2.0.5, 37.57N:55.78E, h5km, ML3.5, Error ellipse: s-maj=24.9km s-min=4.8km az=156.0

TEH 03 16:47:35.8, 37.54N:55.80E, h5km, ML3.5, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRVT Maraveh tapeh, IMND Minoodasht, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IALA Alasht, IPRN Peran, etc.

IDC 03 16:49:39.7.4.1, 21.83S:178.70W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.8/30, mbtmp4.2/3, Error ellipse: s-maj=178.8km s-min=54.9km az=148.0, Fiji Islands region

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

IDC 03 17:05:05.3.1, 18.69S:175.56W, h160km, 35km, mb3.8/4, mb1 3.8/5, mb1mx3.4/4, mbtmp4.2/5, Error ellipse: s-maj=48.0km s-min=26.3km az=124.0

ISCJB 03 17:05:07.7.1.3, 18.67S:175.11W, 0.1, h228km, 14km, mb4.5/19, Error ellipse: s-maj=18.7km s-min=13.4km az=28.9

NEIC 03 17:05:08.1.1.3, 18.72S:175.12W, h212km, 13km, mb4.6/14, Error ellipse: s-maj=17.1km s-min=12.1km az=120.0

ISC 03 17:05:05.5.1.7, 18.7S:0.1x175.2W:0.2, h178km, 19km, n29, c1518/35, mb4.6/19, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, MSFV Nonsavu, etc.

JMA 03 17:13:33.1.0.3, 37.27N:142.41E, h8km, 3km, M3.1

IDC 03 17:13:36.0.6.6, 36.55N:142.51E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.2/34, mbtmp3.3/3, ML2.7/1, Error ellipse: s-maj=138.8km s-min=34.1km az=25.0

ISC 03 17:13:34.8.1.6, 37.4N:0.1x142.4E:0.01, h21km, n16, c1563/12, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMK Kawauchi, JMM Furumori, etc.

ISK 03 17:18:32.1, 38.62N:43.08E, h5km, MD2.7

ISCJB 03 17:18:34.6.0.7, 38.65N:43.03E:0.07, h7km, 10km, Error ellipse: s-maj=9.5km s-min=5.3km az=1.6

CSEM 03 17:18:34.0.4, 38.65N:43.14E, h7km, ML2.5, Error ellipse: s-maj=8.6km s-min=5.9km az=76.0

DDA 03 17:18:34.7, 38.64N:43.18E, h7km, ML2.5

ISC 03 17:18:34.5.1.1, 38.67N:0.03:43.18E:0.04, h10km, 10km, n15, c058/26, Turkey

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JCCJ Jackson Bay, KIWI Kapiti Island, MTW Mount Morrison, etc.

ISK 03 17:56:29.0, 38.78N, 174.03E, h5km, MD2.5
DDA 03 17:56:30.4, 38.85N, 174.03E, h7km, ML2.4
CSEM 03 17:56:31.1, 0.4, 38.90N, 174.03E, h5km, ML2.4, Error ellipse: s-maj=12.4km, s-min=6.8km, az=108.0

ISC 03 17:56:25.7, 2.2, 38.73N, 174.03E, h1km, n13, 154/21, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VMUR Van-Muradiye, VMUR Van, VMUR Van-Muradiye, etc.

ISK 03 18:15:47.1, 38.76N, 174.43E, h4km, MD2.7
ISCJB 03 18:15:48.0, 0.7, 38.78N, 174.43E, h4km, MD2.7, Error ellipse: s-maj=11.4km, s-min=5.0km, az=4.4
CSEM 03 18:15:48.7, 0.3, 38.75N, 174.43E, h7km, MD2.7, Error ellipse: s-maj=9.3km, s-min=5.0km, az=96.0

DDA 03 18:15:49.1, 38.73N, 174.48E, h7km, ML2.5
ISC 03 18:15:49.2, 0.9, 38.74N, 174.48E, h1km, n13, 154/21, Turkey

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

IDC 03 18:21:34.9, 1.5, 36.11N, 142.12E, h0km, mb3.67, mb1.3/7/10, mb1mx3.5/49, mb1mp3.6/10, ML3.4/3, Error ellipse: s-maj=34.6km, s-min=18.8km, az=71.0
ISCJB 03 18:21:37.9, 1.0, 36.20N, 142.11E, h0.7, h34km, 9km, mb3.5/7, Error ellipse: s-maj=9.9km, s-min=5.0km, az=5.9

JMA 03 18:21:39.0, 0.1, 36.22N, 141.96E, h70km, 2km, M3.3
ISC 03 18:21:37.8, 2.2, 36.22N, 141.99E, h0.8, h17km, 12km, n29, 158/34, mb3.5/7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CHOU Choshi, CHOU Choshi, ONAJ Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MAT Matsuura, JHJ Hachiojima 2, ASAJ Asahikawa, etc.

MEX 03 18:24:06.0, 0.4, 16.98N, 93.97W, h156km, 5km, MD3.8, Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TGIG Tiguilla, PCIG Pucallpa, PCIG Pucallpa, etc.

DJA 03 18:56:24.7, 0.4, 8.5S, 111.6E, h12km, 3km, M3.7/13, ML3.7/13, Ball region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SRBI Singaraja, IGBI Denpasar, ABJI Asem Bagus, etc.

ISCJB 03 19:04:14.6, 0.3, 45.22N, 148.63E, h136km, 3km, mb4.4/94, Error ellipse: s-maj=7.3km, s-min=3.7km, az=152.4

MOS 03 19:04:14.6, 0.9, 45.29N, 148.65E, h134km, mb4.2/222, Error ellipse: s-maj=10.1km, s-min=6.8km, az=56.9
SKHL 03 19:04:15.0, 0.5, 45.10N, 148.74E, h137km, 13km, mb5.0/4, h5.5/5.2

IDC 03 19:04:16.1, 2.1, 45.30N, 148.64E, h134km, 18km, mb3.7/20, mb1.3/9.2m, s-min=3.8/3.8, mb1mp4.1/24, Error ellipse: s-maj=14.2km, s-min=3.4km, az=152.0

BUI 03 19:04:17.4, 4.5, 40.30N, 148.50E, h156km, mb4.7/10, mb4.9/6
JMA 03 19:04:17.6, 0.4, 44.79N, 148.65E, h123km, M3.9
NEIC 03 19:04:17.2, 0.6, 45.42N, 148.51E, h139km, 5km, mb4.6/68, Error ellipse: s-maj=6.1km, s-min=3.4km, az=161.0

ISC 03 19:04:15.9, 0.6, 45.10N, 148.62E, h136km, 5km, n236, 156/258, mb4.5/94, SC-6D, Kuril Islands

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

SHO Shikotan 1.78 227.0 iPN Pn 19 04 46.8 -0.7

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

SHO Shikotan 1.78 227.0 iPN Pn 19 04 46.8 -0.7

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

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

YSS comp=E, 50nm, 0.9s

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

YSS comp=Z, 700nm, 5.1s

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JTM Tenabasyai, JANG Nango, JOM Okushiri-Mats, etc.

KSRP Korea Array 17.31 251.0 Pn 19 08 11.4 +2.3

SEY Seymchan 18.00 6.0 P 19 08 13.8 -1.8

SEY Seymchan 18.00 6.0 P 19 08 14.2 -1.5

SEY Seymchan 18.00 6.0 P 19 08 14.2 -1.5

YAK Yakutsk 20.21 334.0 P 19 08 37.7 -2.0

YAK Yakutsk 20.21 334.0 P 19 08 37.0 -2.6

BJT Baijituau 24.34 269.0 P 19 09 20.0 0.0

BJT Baijituau 24.34 269.0 P 19 09 20.0 0.0

HHC Hu-ho-hao-te 27.29 274.0 P 19 09 47.3 -0.2

HHC Hu-ho-hao-te 27.29 274.0 P 19 09 47.3 -0.2

HHC comp=Z, 15nm, 0.9s

ULN Ulanbaatar 28.51 291.0 P 19 09 58.6 +0.2

ULN Ulanbaatar 28.51 291.0 P 19 09 58.6 +0.2

ULN Ulanbaatar 28.51 291.0 P 19 09 58.6 +0.2

ULN Ulanbaatar 28.51 291.0 P 19 09 58.6 +0.2

SOMM Songino Array 28.95 291.0 P 19 10 02.2 +0.2

SOMM Songino Array 28.95 291.0 P 19 10 02.5 +0.2

SOMM Songino Array 28.95 291.0 P 19 10 03.5 +1.2

SOMM Songino Array 28.95 291.0 P 19 10 03.5 +1.2

H11N2 WAKE ISLAND Hy 29.49 143 T 19 41 20.0

H11N1 WAKE ISLAND Hy 29.50 143 T 19 41 20.8

H11N3 WAKE ISLAND Hy 29.51 143 T 19 41 21.1

H11S1 WAKE ISLAND Hy 30.50 145 T 19 42 33.1

H11S3 WAKE ISLAND Hy 30.51 145 T 19 42 32.8

H11S2 WAKE ISLAND Hy 30.52 145 T 19 42 33.6

SVWZ Sparrevohn 35.85 43 P 19 11 02.2 +0.2

GTA Gaotai 36.12 279.0 P 19 11 05.6 +0.8

GTA Gaotai 36.12 279.0 P 19 11 04.7 +6.2

GTA Gaotai 36.12 279.0 P 19 12 00.3 +1.0

IMAR Indian Mountain 36.93 35.0 P 19 11 10.5 -0.6

PLLA Purkylepie 37.46 40.0 P 19 11 16.0 -0.2

CAST Castle Rocks 37.51 39.0 P 19 11 16.3 +0.2

KDAK Kodiak Island 37.56 49.0 P 19 11 15.4 -1.1

KDAK Kodiak Island 37.56 49.0 P 19 11 15.4 -1.1

CD2 Chengdu 37.60 264.0 P 19 11 16.8 -0.5

CD2 Chengdu 37.60 264.0 P 19 11 16.8 -0.5

CD2 Chengdu 37.60 264.0 P 19 11 16.8 -0.5

BPW Bear Paw Mtn 38.01 38.0 P 19 11 19.7 -0.5

KNTM Kantishna Hill 38.03 39.0 P 19 11 20.4 -0.2

CNPM China Post 38.08 46.0 P 19 11 20.6 -0.3

MLY Manley 38.13 37.0 P 19 11 21.4 +0.2

BRK Bradley Lake 38.24 45.0 P 19 11 21.8 -0.4

TRF Thorfare Mount 38.32 39.0 P 19 11 22.5 -0.5

COLD Coldfoot 38.34 33.0 P 19 11 23.3 -0.5

MCK McKinley 38.92 39.0 P 19 11 27.9 0.0

MCK McKinley 38.92 39.0 P 19 11 27.9 0.0

MCK McKinley 38.92 39.0 P 19 11 27.9 0.0

RND Reindeer 38.97 39.0 P 19 11 28.1 -0.2

2012 JAN

3d 19h

Table with columns: RND, comp, pmax, pmax, 19 11 28.1 -0.2, etc. Lists various stations and their coordinates.

Table with columns: WB2, WRA, WRA, WRA, WRA, etc. Lists various stations and their coordinates.

Table with columns: PETK, CMAR, SONM, MKAR, MAN 03 19:22:04, etc. Lists various stations and their coordinates.

3d 21h

Table with station names, codes, and coordinates for the Chile-Argentina border region. Includes stations like Leoncito, Uspallata, El Roble, and Mogna.

ISCJB 03 20:59:34.5-0.6, 16.73N:95.30W, h132km, gkm, MD4.1
h124km, 10km, Error ellipse: s-maj=15.3km s-min=6.2km az=3.8

NEIC 03 20:59:34.5-0.6, 16.73N:95.30W, h132km, mb4.0/1, MD4.1(MEX), After MEX.
MEX 03 20:59:34.5-0.6, 16.73N:95.30W, h132km, gkm, MD4.1

Main table of station data for the Chile-Argentina border region, including station names, codes, coordinates, and phase IDs.

ICC 03 21:03:14.1-2.5, 43.23N:105.16W, h0km, mb2.7/1, mb1 3.6/3, mb1mx3.2/57, mbmp3.4/3, ML3.6/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/10, Error ellipse: s-maj=48.0km s-min=8.1km az=154.0

ISCJB 03 21:03:15.8-0.4, 43.66N:105.12W, h0km, h0km, Error ellipse: s-maj=5.5km s-min=4.7km az=10.1
NEIC 03 21:03:17.9-0.4, 43.61N:105.26W, h0km, MN2.8, Error ellipse: s-maj=6.6km s-min=5.8km az=129.0, Suspected Mining explosion.

NEIC 03 21:03:16.2-0.7, 43.65N:105.13W, h0km, n24, c=259/43, Wyoming

Table of station data for Wyoming, including stations like Black Hills, Casper, Red Lodge, Boulder Array, and others.

2012 JAN

Table of station data for the LAC DU BONNET region, including stations like Hailey, Agassiz Nation, and others.

ISCJB 03 21:12:41.6-0.3, 63.88N:0.03-22.06W, h12km, gkm, mb3.5/7, MS3.3/6, Error ellipse: s-maj=5.2km s-min=2.7km az=174.5

CSEM 03 21:12:42.3, 63.88N:22.09W, h5km, ML3.4
REY 03 21:12:42.3, 63.88N:22.09W, h5km

ICC 03 21:12:42.4-0.9, 64.09N:21.89W, h0km, mb3.6/7, mb1 3.9/8, mb1mx3.4/60, mbmp3.6/8, ML3.8/1, MS3.3/9, Ms1 3.3/9, ms1mx3.0/48, Error ellipse: s-maj=19.5km s-min=15.2km az=99.0

ISC 03 21:12:42.3-0.7, 63.88N:0.03-22.03W, h7km, gkm, n67, c1951/99, mb3.5/7, MS3.4/6, Iceland region

Main table of station data for the Iceland region, including stations like Krysvik, Kald??r, Vogar, and others.

Table of station data for the Scoresbysund region, including stations like Rjupnafell, Scoresbysund, Kangerlussuaq, and others.

CSEM 03 21:26:03.8-0.3, 44.04N:7.56W, h20km, ML2.4, Error ellipse: s-maj=7.3km s-min=3.6km az=126.0

MDD 03 21:26:06.4-1.3, 43.93N:7.54W, h23km, gkm, mbLg2.4/8, Error ellipse: s-maj=10.0km s-min=6.3km az=156.0, PRXIMO

INMG 03 21:26:06.5-1.2, 43.93N:7.52W, h27km, gkm, ML1.9, Error ellipse: s-maj=6.0km s-min=4.0km az=126.0

LDG 03 21:26:06.0-0.3, 44.06N:7.53W, h23km, ML3.0/16, Error ellipse: s-maj=6.5km s-min=3.6km az=123.0

ISC 03 21:26:102.7-1.5, 44.10N:0.04-7.54W, h33km, 12km, n75, c236/123, 1C, North Atlantic Ocean

Main table of station data for the North Atlantic Ocean region, including stations like Pontovna, Mazaricos, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUD, EALK, EORO, IELO, QUIF, PAB, ETSF, SGFM, MFF, EPF, ECAB, CSOR, CSOR, RJF, FLN, LDF, CAF, MTLF, TCF, AVF, LASF, LOR, JMK, JYK, JOM, JAG.

NIED 03 21:36:00, 37.40N, 142.60E, h8km, Mw3.7 Best double couple: M4.570000, 1014 NP1.38, 000000, 0.42, 000000, 1.105, 000000. NP2.238, 000000, 0.50, 000000, 1.77, 000000.

ISCJB 03 21:36:40.0, 0.6, 37.38N, 0.04, 142.67E, 0.06, h21km, mb3.8/9, Error ellipse: s-maj=6.7km s-min=5.6km az=34.4

JMA 03 21:36:39.9, 0.2, 37.41N, 142.59E, h14km, mb3.7/9, IDC 03 21:36:39.9, 0.2, 37.35N, 142.77E, h33km, mb3.7/9, mb1.3/8.13, mb1mx3.6/50, mb1mx3.9/13, ML3.5/3, Error ellipse: s-maj=27.7km s-min=14.4km az=95.0

ISC 03 21:36:42.4, 0.9, 37.41N, 0.06, 142.49E, 0.07, h21km, m31, c1949/33, mb3.8/9, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK, JFO, ONAJ, JMM, JMT, JFT, JOU, JMK, JYK, JOM, JAG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, MAT, HJH, ASAJ, USRK, SEY, H11N2, H11N1, H11N3, SONM, H11S1, H11S3, H11S2, ZALV, MKAR, ILAR, WRA, ASAR, FINES, AKASO.

ISK 03 21:42:03.1, 38.76N, 43.58E, h16km, MD2.6 ISCJB 03 21:42:04.0, 4.0, 38.74N, 0.04, 43.61E, 0.10, h13km, Error ellipse: s-maj=1.1km s-min=4.5km az=14.9 CSEM 03 21:42:04.1, 0.2, 38.76N, 43.56E, h16km, 2km, ML2.2, Error ellipse: s-maj=8.6km s-min=4.5km az=107.0 DDA 03 21:42:04.5, 38.72N, 43.62E, h8km, ML2.2 ISC 03 21:42:04.1, 0.9, 38.76N, 0.04, 43.56E, 0.06, h13km, n22, c1944/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANB, VMUR, VMUR, TVAN, CLDR, CLDR, CLDR, GEVA, GEVA, TUTA, TUTA, AGRB, AGRB, HAKT, HAKT, CUKT, CUKT, SIRT, SIRT.

GUC 03 21:50:22.5, 0.6, 36.99S, 74.08W, h25km, 7km, ML4.4 NEIC 03 21:50:22.0, 0.0, 36.99S, 74.08W, h25km, mb4.6/11, ML4.4, G.U.O., After GUC. NEIC Felt [I] at Coronel, Lebu, Lota and Talcahuano; [II] at Chiguayante, Concepcion, Penco, San Pedro de la Paz and Tome.

ISCJB 03 21:50:24.6, 1.9, 36.98S, 0.04, 73.8W, 0.1, h26km, 12km, mb4.5/20, MS3.9/3, Error ellipse: s-maj=14.4km s-min=5.9km az=173.3 IDC 03 21:50:26.0, 4.5, 36.99S, 73.69W, h24km, 29km, mb4.1/11, mb1.4/3.14, mb1mx4.2/30, mb1mx4.3/14, ML3.9/2, MS3.9/4, MS1.3/9.4, mb1mx3.5/19, Error ellipse: s-maj=27.5km s-min=15.5km az=82.0

ISC 03 21:50:21.9, 1.3, 36.90S, 0.04, 74.04W, 0.06, h3km, 7km, n70, c1987/77, mb4.6/20, MS3.9/3, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCSP, COCH, COCH, COCH, COCH, CCHI, CCHI, CCHI, TMTU, TMU, GO05, GO05, GO05, GO05, CANA, CANA, CLCH, ROCI, ROCI, PEL, PLCA, PLCA, PLCA, LCO, LCO, TRQA, TRQA, CHRN, CHRN, PB11, CPUP, CPUP, CPUP, MNMC, USHA, EPI, LPAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, SIV, BDFB, RUSC, HELC, SDV, SDV, VNA3, VNA1, VNA2, SNA4, SNA4, RKT, TBI, TIAR, PPT2, PPT, MAW, TXAR, TX31, SWET, LIC, TIC, KIC, ANMO, DBIC, DBIC, BOSB, P18A, KOWA, NVAR, PDAR, KVN, ELK, TOAO, TORD, HYB, KSH, KSH, KSH, KSH, ZALV, ZALV, MKAR, MKAR, MKAR, CMAR, SONM, LZH, LZH, LZH.

ISK 03 22:24:12.1, 38.87N, 43.49E, h5km, MD2.5 DDA 03 22:24:13.8, 38.82N, 43.67E, h8km, ML2.3 ISCJB 03 22:24:14.5, 0.7, 38.87N, 0.03, 43.52E, 0.07, h14km, 7km, Error ellipse: s-maj=9.4km s-min=5.3km az=6.7 CSEM 03 22:24:14.0, 0.3, 38.87N, 43.52E, h5km, ML2.3, Error ellipse: s-maj=7.9km s-min=6.1km az=102.0 ISC 03 22:24:13.0, 0.9, 38.85N, 0.03, 43.55E, 0.04, h14km, 7km, n18, c0578/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR, VMUR, VMUR, VANB, VANB, TVAN, TVAN, CLDR, CLDR, CLDR, TUTA, TUTA, AGRB, AGRB, EKAR, EKAR, HAKT, HAKT.

ISK 03 22:25:11.1, 40.53N, 32.98E, h5km, MD2.8 DDA 03 22:25:11.9, 40.54N, 32.94E, h7km, ML2.8 ISCJB 03 22:25:12.0, 1.0, 40.53N, 0.03, 32.95E, 0.03, h4km, 5km, Error ellipse: s-maj=5.8km s-min=4.0km az=155.9 CSEM 03 22:25:12.0, 1.0, 40.54N, 32.95E, h2km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.5km az=148.0 ISC 03 22:25:12.1, 1.1, 40.53N, 0.03, 32.96E, 0.02, h8km, 10km, n42, c0564/53, Turkey

ISC 03 22:25:12.1, 1.1, 40.53N, 0.03, 32.96E, 0.02, h8km, 10km, n42, c0564/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELDT, ELDT, ELDT, CEMR, CEMR, CEMR, CANT, CANT, CANT, LOD, LOD, LOD, BCAM, BCAM, ILGA, ILGA.

ISC 03 22:25:11.1, 40.53N, 32.98E, h5km, MD2.8 DDA 03 22:25:11.9, 40.54N, 32.94E, h7km, ML2.8 ISCJB 03 22:25:12.0, 1.0, 40.53N, 0.03, 32.95E, 0.03, h4km, 5km, Error ellipse: s-maj=5.8km s-min=4.0km az=155.9 CSEM 03 22:25:12.0, 1.0, 40.54N, 32.95E, h2km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.5km az=148.0 ISC 03 22:25:12.1, 1.1, 40.53N, 0.03, 32.96E, 0.02, h8km, 10km, n42, c0564/53, Turkey

ISC 03 22:25:11.1, 40.53N, 32.98E, h5km, MD2.8 DDA 03 22:25:11.9, 40.54N, 32.94E, h7km, ML2.8 ISCJB 03 22:25:12.0, 1.0, 40.53N, 0.03, 32.95E, 0.03, h4km, 5km, Error ellipse: s-maj=5.8km s-min=4.0km az=155.9 CSEM 03 22:25:12.0, 1.0, 40.54N, 32.95E, h2km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.5km az=148.0 ISC 03 22:25:12.1, 1.1, 40.53N, 0.03, 32.96E, 0.02, h8km, 10km, n42, c0564/53, Turkey

ISC 03 22:25:11.1, 40.53N, 32.98E, h5km, MD2.8 DDA 03 22:25:11.9, 40.54N, 32.94E, h7km, ML2.8 ISCJB 03 22:25:12.0, 1.0, 40.53N, 0.03, 32.95E, 0.03, h4km, 5km, Error ellipse: s-maj=5.8km s-min=4.0km az=155.9 CSEM 03 22:25:12.0, 1.0, 40.54N, 32.95E, h2km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.5km az=148.0 ISC 03 22:25:12.1, 1.1, 40.53N, 0.03, 32.96E, 0.02, h8km, 10km, n42, c0564/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELDT, ELDT, ELDT, CEMR, CEMR, CEMR, CANT, CANT, CANT, LOD, LOD, LOD, BCAM, BCAM, ILGA, ILGA.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H08N3, H08N1, KMBO, etc.

ISCJB 03 22:29:43.0±0.4, 35.54N, 0103.709E±0.05, h87km, mb3.7/12, Error ellipse: s-maj=6.3km s-min=4.3km az=158.7

IDC 03 22:29:49.7±3.6, 35.55N, 70.09E, h84km, 32km, mb3.6/12, m1 3.7/18, mb1mx3.5/52, mbtmp4.0/18, Error ellipse: s-maj=24.8km s-min=14.0km az=177.0

NDC 03 22:29:54.4±2.6, 35.87N, 69.92E, h117km, 29km, mb3.8, m1 4.3/12, Error ellipse: s-maj=23.0km s-min=19.2km az=127.0

ISC 03 22:29:49.3±0.6, 35.54N, 0106.709E±0.06, h87km, n49, 0172/57, mb3.6/12, 7G-5D, Hindu Kush region

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

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

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

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

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

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

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

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

ISCN 03 22:39:41.6±0.8, 36.47N, 43.39E, h9km, 66km, ML1.6 CSEM 03 22:39:42.0±2.0, 36.34N, 43.47E, h2km, ML2.7, Error ellipse: s-maj=7.6km s-min=5.9km az=74.0

DDA 03 22:39:44.1, 36.47N, 43.47E, h7km, ML2.7, Iraq

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

ISCJB 03 22:42:10.8±0.5, 6.09N, 0108.607E±0.07, h15km, mb4.0/20, MS3.8/21, Error ellipse: s-maj=11.5km s-min=9.4km az=6.0

IDC 03 22:42:10.3±0.9, 6.07N, 60.73E, h0km, mb3.6/11, m1 3.8/12, mb1mx3.7/36, mbtmp3.6/12, ML3.4/1, MS3.8/24, M1 3.7/24, mb1mx3.7/39, Error ellipse: s-maj=25.7km s-min=19.2km az=5.0

NEIC 03 22:42:11.7±0.4, 6.09N, 60.69E, h10km, mb4.5/11, Error ellipse: s-maj=10.2km s-min=8.5km az=187.0

ISC 03 22:42:12.9±0.8, 6.2N, 0110.670E±0.1, h15km, n53, 0150/35, mb4.0/20, MS3.8/21, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H08N2, H08N3, H08N1, etc.

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

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

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

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

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

UCR 03 22:32:44.8±0.9, 12.77N, 88.64W, h36km, 148km, ML4.3, mb4.5(NEIC)

ISCJB 03 22:32:44.9±0.6, 12.89N, 0108.885W±0.05, h67km, mb4.3/27, Error ellipse: s-maj=12.1km s-min=3.4km az=21

IDC 03 22:32:46.1±3.4, 13.13N, 88.24W, h67km, 29km, mb3.7/10, m1 4.0/12, mb1mx3.7/43, mbtmp4.0/12, ML3.4/2, MS3.1/4, M1 3.1/4, m1mx3.0/25, Error ellipse: s-maj=30.7km az=21

IDC 03 22:37:11.2±0.9, 6.13N, 60.71E, h0km, mb3.6/10, m1 3.7/10, mb1mx3.5/39, mbtmp3.6/10, Error ellipse: s-maj=26.9km s-min=18.7km az=0.0

ISCJB 03 22:37:12.0±0.8, 6.2N, 0120.670E±0.1, h15km, mb3.5/10, Error ellipse: s-maj=23.5km s-min=16.3km az=172.1

ISC 03 22:37:13.8±1.0, 6.2N, 0120.670E±0.1, h15km, n13, 0081/10, mb3.5/10, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H08N2, Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAW, MJAR, WR1, WRA, WB2, ASAR, ASAR, AS31, PETK.

ISCJB 03 22:54:29.8.0.7, 15.58N, 0.04:119.7E:0.1, h52km, 7km, mb3.9/8, MS3.1/1, Error ellipse: s-maj=16.5km s-min=5.8km az=173.6

MAN 03 22:54:29.15.54N, 119.57E, h24km, mb4.7, ML3.6, MS3.6, IDC 03 22:54:35.8.1.2, 15.52N, 120.11E, h102km, 12km, mb3.6/1, mb1.3/7.9, mb1mx3.4/4.2, mbtmp3.9/9, MS3.2/1, Ms1 3.2/1, ms1mx2.6/3.1, Error ellipse: s-maj=32.5km s-min=12.5km az=64.0

ISC 03 22:54:30.7.0.9, 15.58N, 0.04:119.80E:0.07, h48km, 8km, n2.7, c2938/36, mb4.0/8, 2C-3D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SCZP, BOLP, PCPH, TGY, TGY, TGY, LUBP, LOP, ABRA, ABRA, PGP, CAUP, CVP, BOAC, GOP, CMAR, KSRS, FITZ, WRA, SONA, WRA, ASAR, ASAR, MKAR, MKAR, ZALV, PETK, FINES.

IDC 03 23:02:22.8.1.0, 26.92N, 143.64E, h0km, mb3.3/5, mb1.3/6.6, mb1mx3.4/4.3, mbtmp3.4/6, ML3.5/1, Error ellipse: s-maj=41.4km s-min=2.1km az=98.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR, WRA, ASAR, MKAR, ILAR, YKA.

ISK 03 23:12:44.1.38, 84N, 43.66E, h5km, MD2.7, CSEM 03 23:12:45.9.0.2, 38.86N, 43.64E, h10km, ML2.3, Error ellipse: s-maj=6.9km s-min=4.9km az=105.0

DDA 03 23:12:45.9.38, 83N, 43.67E, h8km, ML2.3, ISCJB 03 23:12:46.3.0.6, 38.85N, 0.03:43.65E:0.06, h19km, 5km, Error ellipse: s-maj=8.4km s-min=5.4km az=16.7

ISC 03 23:12:46.0.0.9, 38.85N, 0.03:43.63E:0.04, h15km, 7km, n2.4, c058/33, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VMUR, ASAR, EROV, EROV, VANB, TVAN, YKA, CLDR, CLDR, CLDR, CLDR, CLDR, TUTA, TUTA, AGRB, AGRB, TABS, HAKT, HAKT, HAKT, EKAR, EKAR, CUKT, CUKT.

IDC 03 23:14:13.2.0.6, 26.91N, 143.70E, h0km, mb4.0/18, mb1.4/2.1, mb1mx4.1/4.3, mbtmp4.0/2.1, ML3.6/3, Error ellipse: s-maj=19.5km s-min=14.1km az=89.0

NEIC 03 23:14:14.7.0.3, 26.89N, 143.67E, h10km, mb4.4/17, Error ellipse: s-maj=7.1km s-min=5.5km az=85.0

ISCJB 03 23:14:16.3.0.4, 26.81N, 0.05:143.65E:0.06, h33km, mb4.1/3.7, Error ellipse: s-maj=7.9km s-min=7.2km az=40.8

ISC 03 23:14:18.4.0.5, 26.90N, 0.07:143.60E:0.07, h35km, m5.1, c094/57, mb4.1/3.7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJU, MJAR, MAJO, MAT, GUMO, KSRK, KSAR, ASAJ, YHNB, TPUB, KLR, ULN, SONM, SEY, SEY, TLY, CHTO, CMAR, JAGI, IPM, CTAO, WRAB, WRA, ZALV, ASAR, ASAR, MKAR, MKAR, KURK, ILAR, ILAR, AAK, STKA, BRVK, KKAR, INK, ARU, ABKAR, GEYT, YKA, BMO, FINES, KBZ, KIV, MFID, NVAR, SUMG, SFJSD, RAYN, BRTR, TXAR, TORD, LPZA.

IDC 03 23:14:22.9.1.5, 26.90N, 143.81E, h0km, mb4.0/13, mb1.4/2.1, mb1mx4.0/4.5, mbtmp4.0/1.7, ML3.7/4, Error ellipse: s-maj=36.8km s-min=22.4km az=4.0

ISC 03 23:14:29.7.1.3, 27.22N, 0.02:143.7E:0.2, h35km, n18, c090/21, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR, MAT, KSRK, ASAJ, USRK, KLR, SONM, SEY, ZALV, ZALV, MKAR, ILAR, ILAR, INK, YKA, FINES, KBZ, NVAR, AKASG, BRTR.

IDC 03 23:15:39.5.1.8, 6.74N, 59.79E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.3/3.7, mbtmp3.6/4, MS3.5/6, Ms1.3/5.6, ms1mx3.2/3.7, Error ellipse: s-maj=55.0km s-min=27.8km az=165.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H08N2, H08N3, H08N1, KMBO, CMAR, CMAR, BRTR, MKAR, BOSA, ZALV, TORD, TORD.

ISK 03 23:24:17.1.38, 63N, 39.65E, h10km, MD2.8, ISCJB 03 23:24:18.0.4.0, 38.82N, 0.03:39.67E:0.05, h9km, Error ellipse: s-maj=5.3km s-min=3.5km az=158.3

CSEM 03 23:24:18.1.0.2, 38.82N, 0.03:39.64E, h8km, MD2.8, Error ellipse: s-maj=4.1km s-min=2.2km az=61.0, DDA 03 23:24:18.5.38, 63N, 39.68E, h7km, ML2.7, ISC 03 23:24:18.1.0.8, 38.83N, 0.02:39.65E:0.03, h9km, n31, c049/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PTK, SVRC, SVRC, SVRC, TNCL, TNCL, HANI, HANI, DYBB, DIYA, DIYA, ERZN, MALT, MALT, YEDI, YEDI, YEDI, BTM, KEMA, KEMA, ILIC, ILIC, MAZI, MAZI, MAZI, URFA, URFA, AKCD, AKCD, AKTM, AKTM.

IDC 03 23:29:45.7.0.6, 26.90N, 143.68E, h0km, mb3.8/18, mb1.4/2.1, mb1mx3.9/4.7, mbtmp3.8/2.1, ML3.5/3, Error ellipse: s-maj=20.7km s-min=15.2km az=80.0

NEIC 03 23:29:47.2.0.3, 26.94N, 143.71E, h10km, mb4.5/13, Error ellipse: s-maj=8.4km s-min=7.2km az=78.0, ISCJB 03 23:29:48.7.0.5, 26.86N, 0.07:143.72E:0.07, h33km, mb4.1/3.0, Error ellipse: s-maj=10.3km s-min=8.4km

ISC 03 23:29:51.0.1.0, 26.93N, 0.10:143.65E:0.08, h35km, n41, c091/44, mb4.1/30, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJU, MJAR, MAJO, MAT, KSRK, KSAR, USRK, YULB, SSSLB, KLR, ULN, SONM, CMAR, WRAB, TANN, WRA, ZALV, ZALV, GSI, ASAR, MKAR, MKAR, KURK, ILAR, STKA, BRVK, KKAR, INK, ARU, ABKAR, AKTO, GEYT, YKA, MOD, FINES, KBZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DIV, KLU, RND, CHGN, etc.

IDC 04 00:34:16.2.0.6.26.99N:143.80E, h0km, mb4.0/19, mb1.4/2.22, mb1mx1.1/37, mbtmp:0.22, ML3.5/3, MS3.1/2, MS1.3/1.2, ms1mx2.7/34, Error ellipse: s-maj=17.3km, s-min=16.2km az=59.0

NEIC 04 00:34:17.8.0.3.27.00N:143.74E, h10km, mb4.5/8, Error ellipse: s-maj=7.9km s-min=7.6km az=193.0

JMA 04 00:34:18.7.0.1.27.15N:143.75E, h63km, M4.2

ISCJB 04 00:34:21.5.0.5.27.38N:0.04:143.57E, h35km, mb4.2/31, MS2.9/2, Error ellipse: s-maj=6.6km s-min=4.9km az=34.9

ISC 04 00:34:22.0.6.27.18N:0.07:143.64E, h35km, n53, i133/60, mb4.2/31, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichi jima, JHU, etc.

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

IDC 04 00:47:23.9.0.7.27.03N:144.00E, h0km, mb3.9/13, mb1.4/1.16, mb1mx1.1/32, mbtmp:3.9/16, ML3.6/3, MS2.7/1, MS1.3/0.1, ms1mx2.4/44, Error ellipse: s-maj=19.4km, s-min=17.2km az=86.0

NEIC 04 00:47:25.5.0.5.27.04N:143.82E, h10km, mb4.4/10, Error ellipse: s-maj=11.3km s-min=10.6km az=55.0

MOS 04 00:47:25.9.1.1.26.94N:143.96E, h26km, mb4.5/18, Error ellipse: s-maj=16.3km s-min=16.3km az=117.5

JMA 04 00:47:25.2.0.6.27.19N:143.80E, h28km, M4.3

ISC 04 00:47:29.6.0.2.27.14N:0.07:143.76E, h35km, n66, i189/75, mb4.2/32, 9C-6D, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJJ, Chichi jima, JHU, etc.

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

CSEM 04 00:50:31.3.0.5.36.56N:7.42W, h20km, ML1.2, Error ellipse: s-maj=9.1km s-min=5.4km az=16.0

IGL 04 00:50:32.5.36.53N:7.44W, h24km, ML0.9

MDD 04 00:50:33.1.1.37.355N:1.750W, h30km, mbLg1.4/2, Error ellipse: s-maj=15.5km s-min=8.4km az=14.0, PRXIMO

INMG 04 00:50:32.5.1.2.36.56N:7.46W, h16km, ML1.2, Error ellipse: s-maj=7.3km s-min=5.5km az=53.0, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBDV, Barranco-do-ve, PVAQ, etc.

4d 1h

2012 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Santa Barbara, Zapla, Vilta Florida, Yavi, Cafayete, Horco Molle, Choya, Vinchina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kullorsuaq, Igloolik, Nuna, Kangerlussuaq, Resolute Bay, Kangiqsuujuaq, etc.

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

OTT 04 01:02:39.1±0.4, 70.91N; 64.28W, h18km, ML2.9/5, Baffin Bay Seismic Zone. 167km east from Clyde River, NU. ISC 04 01:02:36.4±1.0, 70.92N; 0.06:64.25W; 0.06, h10km, n10,

GUMO	Guam	13.46	175	eP	Pn	01	52	22.4	-2.3
GUMO	Guam	13.46	175	ePn	Pn	01	52	22.4	-2.3
ERM	Erimo	14.91	358	eP	Pmax	01	52	45.0	+0.6
ERM	comp-Z,174nm,1.9s								
ERimo	14.91	358	ePn	P	Pn	01	52	45.0	+0.6
KSRs	Korea Array	16.88	312	P	Pn	01	53	09.5	-0.3
KSRs	comp-Z,0.4nm,0.3s,baz=119,slow=11,SNR=7.4					01	59	49.8	
KSRs	comp-Z,218nm,18.5s,baz=126,slow=38								
KSAR	Wonju Array Be	16.90	312	P	Pn	01	53	09.5	-0.6
KSAR	Wonju Array Be	16.90	312	P	Pn	01	53	09.5	-0.6
ASAJ	Asahikawa	17.03	357	P	Pn	01	53	11.8	+0.1
ASAJ	comp-Z,0.8nm,0.3s,baz=190,slow=12,SNR=3.3								
ASAJ	Asahikawa	17.03	357	ePn	P	01	53	12.4	+0.7
USRK	Ussuriysk Ar.	19.53	334	P	P	01	53	42.5	+1.4
USRK	comp-Z,0.5nm,0.3s,baz=143,slow=10,SNR=7.2								
USRK	comp-Z,1.05nm,18.9s,baz=125,slow=40					02	02	18.5	
NACB	Ninganchiao	20.15	267	eP	P	01	53	43.0	-5.0
YHNB	Yeheng	20.24	268	eP	P	01	53	48.0	-1.1
YULB	Yu-ji	20.61	265	eP	P	01	53	53.1	+0.1
SSLB	Suanglung	20.81	266	eP	Pn	01	53	56.8	-0.9
MDJ	Mudanjiang	20.86	331	P	Pmax	01	53	57.0	+1.4
MDJ	comp-Z,21nm,1.1s								
MDJ	comp-Z,550nm,4.2s								
TPUB	Ta-pu	21.22	265	eP	P	01	54	01.1	+1.5
NJ2	Nanjing	22.17	289	eP	Pmax	01	54	10.9	+1.2
CN2	Changchun	22.28	323	eP	P	01	54	09.2	-1.6
CN2	comp-Z,2.93nm,0.9s					01	58	08.4	-7.4
CN2	comp-Z,1.0nm,0.8s								
CN2	comp-Z,2.00nm,3.0s								
CN2	comp-Z,3.00nm,14.0s								
CN2	comp-Z,5.00nm,14.0s								
CN2	comp-Z,5.00nm,16.0s								
H1N3	WAKE ISLAND Hy	22.49	104	T	T	02	16	24.0	
KLR	Kul'dur	23.98	340	P	P	01	54	28.6	+0.5
WHN	Wuhan	25.93	225	sP	sP	01	54	56.8	+5.8
WHN	comp-Z,1.1nm,0.8s,baz=143,slow=7,SNR=3.5					02	03	26.5	
DAV	Davao City (W)	26.32	224	LR	LR	02	04	48.2	
PETK	Petrovlovsk	26.01	18	LR	LR	02	04	48.2	
SGSI	Sanghie	29.04	220	P	P	01	55	15.2	+1.2
HHC	Hu-ho-hao-te	29.42	306	eP	P	01	55	21.4	+0.6
HHC	comp-Z,7.0nm,1.0s					02	00	14.9	-2.5
HHC	comp-Z,230nm,5.1s								
HHC	comp-Z,300nm,12.6s								
HHC	comp-Z,360nm,12.6s								
HHC	comp-Z,350nm,13.5s								
ENH	Enshi	30.14	284	eP	P	01	55	23.5	-0.2
XAN	Xi'an	30.65	292	P	P	01	55	37.3	+9.1
XAN	comp-Z,9.3nm,0.4s					01	55	45.5	+12
LBMI	Labuha	31.67	212	P	P	01	55	38.9	+1.7
MA2	Magadan	32.85	7	LR	LR	02	12	00.9	
GYA	Gulyang	33.02	278	eP	Pmax	01	55	50.0	+0.8
SANI	Sanana	33.62	213	P	P	01	55	53.3	-1.1
MRSI	Marisa	33.72	222	P	P	01	55	55.6	+0.4
LZH	Lanzhou	34.94	295	eP	P	01	56	08.0	+2.2
LZH	comp-Z,10.0nm,1.0s					01	56	15.1	+5.7
LZH	comp-Z,140nm,5.0s					01	57	23.0	+0.5
LZH	comp-Z,270nm,14.2s								
LZH	comp-Z,390nm,14.4s								
APSI	Ampana	35.01	221	P	P	01	56	06.8	+0.4
CD2	Chengdu	35.03	286	P	P	01	56	05.6	-1.0
CD2	comp-Z,40nm,0.6s					01	56	08.6	-3.0
CD2	comp-Z,40nm,0.6s					02	01	38.5	-0.3
CD2	comp-Z,180nm,5.0s								
CD2	comp-Z,650nm,13.2s								
CD2	comp-Z,560nm,14.7s								
ULN	Ulanbaatar	35.28	316	iP	P	01	56	11.0	+2.3
ULN	comp-Z,12nm,1.8s								
ULN	comp-Z,9.8nm,1.0s					01	56	11.0	+2.3
SONA1	Songino Array	35.68	316	eP	P	01	56	13.9	+1.9
SONM1	Songino Array	35.68	316	eP	P	01	56	13.2	+1.1
YAK	Yakutsk	36.19	349	eP	LR	02	10	42.0	
YAK	comp-Z,40nm,21.9s,baz=93,slow=36								
YAK	Yakutsk	36.19	349	eP	P	01	56	15.1	-0.9
YAK	comp-Z,1.7nm,0.6s,baz=127,slow=10,SNR=8.9					01	56	26.6	+5.6
YAK	comp-Z,14.5nm,0.3s,baz=359,slow=16,SNR=2.8					01	58	44.0	
YAK	comp-Z,11nm,1.0s					02	01	53.9	-1.7
YAK	comp-Z,4.0nm,1.1s					02	06	27.6	
YAK	comp-E,3.0nm,1.1s								
YAK	comp-Z,278nm,4.7s								
YAK	comp-N,211nm,4.5s								
YAK	comp-E,244nm,5.3s								
YAK	comp-N,176nm,4.7s								
YAK	comp-E,98nm,4.0s								
YAK	comp-Z,159nm,18.0s								
YAK	comp-N,121nm,15.0s								
SEY	Seymchan	36.31	7	P	P	01	56	17.6	+0.6
SEY	comp-N,3.5nm,0.8s,baz=172,slow=5,1,SNR=7.2								
PMG	Port Moresby	36.42	174	P	P	01	56	17.7	+0.7
KMI	Kunming	36.74	276	P	Pmax	01	56	22.0	+0.5
GTA	Gaotai	38.38	300	eP	P	01	56	36.7	+1.6
GTA	comp-Z,1.4nm,0.9s					01	56	41.3	+1.2
GTA	comp-Z,1.4nm,0.9s					01	56	43.0	+5.0
GTA	comp-Z,1.4nm,0.9s					01	56	50.9	+2.3
GTA	comp-Z,1.4nm,0.9s					02	02	31.9	+2.1
GTA	comp-Z,1.4nm,0.9s					02	02	38.8	+2.3
GTA	comp-Z,1.4nm,0.9s					02	05	13.0	-2.1

GTA	comp-N,37nm,5.1s								
GTA	comp-N,220nm,14.7s								
GTA	comp-N,480nm,15.2s								
GTA	comp-N,320nm,13.1s								
ZAK	Zakamensk	38.53	318	eP	Pmax	01	56	37.4	+1.2
ZAK	comp-Z,1.3nm,1.1s								
SPSI	Sidrap Palu	38.57	221	eP	P	01	56	36.6	-0.1
TLY	Talaya	38.82	320	eP	Pmax	01	56	51.6	+1.3
TLY	comp-Z,7.0nm,0.7s								
CHAI	Chaiyaphum	40.22	263	P	P	01	57	01.1	+1.1
COEN	Coen	40.79	181	eP	P	01	56	54.0	-1.2
PBKT	Sadao Pong	40.87	264	P	P	01	56	58.0	+2.1
NAVY	Nakonyok	41.45	261	P	P	01	57	12.2	+1.1
MTN	Manton Dam	41.52	199	eP	P	01	56	59.5	-1.6
EDFI	Ende Flores	41.53	214	P	P	01	57	01.0	-0.4
CMMT	Chiang Mai	41.86	268	P	P	01	57	06.2	+2.1
CHTO	Chiang Mai	41.87	268	P	P	01	57	06.3	+2.2
CHTO	Chiang Mai	41.87	268	eP	Pmax	01	57	05.5	+1.4
CHTO	Chiang Mai	41.87	268	eP	P	01	57	05.5	+1.4
CM01	Chiang Mai Arr	41.99	268	eP	P	01	57	06.2	+1.1
CM31	Chiang Mai Arr	41.99	268	eP	P	01	57	03.3	-1.8
CMAR	Chiang Mai Arr	41.99	268	P	P	01	57	04.3	-0.8
UTHA	Uthaitani	42.61	264	P	P	01	57	20.7	+1.1
BILL	Blitino	43.18	121	eP	Pmax	01	57	14.0	-0.1
TIXI	Tiksi	45.38	353	eP	Pmax	01	57	31.4	-0.3
TIXI	comp-Z,4.0nm,0.8s								
TIXI	comp-Z,4.3nm,0.8s								
GAMB	Gambell	46.55	25	eP	P	01	57	41.0	0.0
CTA	Charters Tower	46.95	177	P	P	01	57	43.0	-1.6
CTAO	Charters Tower	46.95	177	eP	Pmax	01	57	42.5	-2.1
CTAO	comp-Z,1.7nm,1.1s								
CTAO	comp-Z,1.7nm,1.1s								
WRAB	Tennant Creek	47.60	192	eP	Pmax	01	57	48.3	-1.6
WRAB	comp-Z,35nm,2.9s								
WRAB	comp-Z,33nm,1.0s								
WRB2	Warramunga Arr	47.61	192	eP	P	01	57	48.8	-1.1
WRA	Warramunga Arr	47.61	192	P	P	01	57	48.1	-1.7
WRA	comp-Z,5.0nm,0.7s,baz=14,slow=8.6,SNR=52					02	16	27.9	
WMQ	Urumqi	47.70	306	P	P	01	57	51.8	+1.4
WMQ	comp-Z,49nm,21.6s,baz=0.0,slow=54					01	57	55.4	0.0
WMQ	comp-Z,8.0nm,0.6s					01	57	58.8	+4.8
WMQ	comp-Z,580nm,6.9s								
WMQ	comp-Z,120nm,17.3s								
WMQ	comp-Z,240nm,16.5s								
WMQ	comp-Z,190nm,20.9s								
DGZ	Jazzator, Alta	48.27	314	iP	Pmax	01	57	56.2	+1.4
PSI	Prapat	49.16	248	P	P	01	58	03.6	+1.5
PSI	comp-Z,4.8nm,0.7s,baz=42,slow=2.0,SNR=4.1					02	16	21.2	
CHGN	Chignik	50.19	38	eP	P	01	58	12.5	+3.3
ZAA0	Zalesovo Array	50.40	319	eP	P	01	58	11.2	+0.3
ZALV	Zalesovo Beam	50.40	319	P	P	01	58	10.9	+0.1
ZALV	comp-Z,1.7nm,0.7s,baz=90,slow=7.4,SNR=8.4					01	59	28.4	-0.8
ZALV	comp-Z,1.3nm,0.5s,baz=103,slow=5,SNR=3.3								
RAMN	Ramite	50.49	284	eP	P	01	58	14.2	+1.9
JIRN	Jiri	50.68	285	eP	P	01	58	14.1	+0.3
GUN	Gumba	50.89	285	eP	P	01	58	15.8	+0.4
AS01	Alice Springs	51.32	191	eP	P	01	58	18.5	+0.4
ASAR	Alice Springs	51.33	192	P	P	01	58	15.9	-2.2
ASAR	comp-Z,1.4nm,0.7s,baz=15,slow=6.7,SNR=12					02	19	05.0	
PKI	Pulchoki	51.37	285	eP	P	01	58	20.1	+1.1
PKIN	Pulchoki	51.38	285	eP	P	01	58	20.2	+1.2
NVS	Novosibirsk	51.44	320	eP	P	01	58	19.3	+0.7
MK01	Makanchi Array	51.54	310	eP	P	01	58	19.9	+0.4
MK31	Makanchi Array	51.54	310	iP	P	01	58	19.8	+0.2
MK31	comp-Z,8.0nm,0.9s					01	58	20.1	+0.5
MK31	comp-Z,3.7nm,0.8s,baz=90,slow=8.6,SNR=23					01	58	20.0	+0.4
MKAR	Makanchi Array	51.54	310	eP	Pmax	01	58		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IPOC Station P, LPAZ, TORO, YKA.

IDC 04 03:08:16.2, 1.6, 37.98N, 21.66E, h0km, mb3.6/3, mb1 3.9/5, mb1mx2.2/51, mb1mx3.3/5, ML2.8/2, MS3.9/1, Ms1 3.9/1, ms1mx2.6/45, Error ellipse: s-maj=35.9km s-min=25.2km az=134.0

ATH 04 03:08:18.3, 37.94N, 21.69E, h28km, ML2.3/35, Error ellipse: s-maj=0.7km s-min=0.5km az=271.0

IASPEI 04 03:08:19.4, 0.9, 37.95N, 0.02, 21.68E, 0.02, h20km, 1km, mb3.6/3, Error ellipse: s-maj=2.5km s-min=2.2km az=53.3, GT5 selection from ISC bulletin GT5 identified by Bond'ir and McLaughlin (2009) selection criteria Bond'ir and McLaughlin, A new ground truth data set for seismicity, <i>Seism. Res. Let.</i>, <i>doi:10.1193/1.2945.2009

CSEM 04 03:08:19.1, 0.1, 37.94N, 21.69E, h12km, ML3.0, Error ellipse: s-maj=2.4km s-min=1.9km az=56.0

THE 04 03:08:19.6, 37.95N, 21.69E, h14km, ML3.0/40, Error ellipse: s-maj=0.6km s-min=0.4km az=312.0

ISCJB 04 03:08:19.3, 0.2, 37.93N, 0.01, 21.67E, 0.02, h22km, 2km, mb3.4/3, MS3.9/1, Error ellipse: s-maj=2.5km s-min=2.0km az=146.3

ISC 04 03:08:19.7, 0.7, 37.95N, 0.01, 21.68E, 0.01, h20km, 1km, n264, r199/382, mb3.6/3, Southern Greece

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists numerous stations like DRO, RLS, RLS, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists numerous stations like ANX, ANX, ANX, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists numerous stations like SMIA, SMIA, SMIA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BR231 Keskin MP Arra, KLMR Klimovskoe, KLMR Klimovskoe, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RIV Riverview, QLP Quijipe, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, LUWI Luwuk, MEEK Meekatharra, etc.

IDC 04 04:41:43.8-3.1, 54:52N:86:36E, h0km, mb1 3.0/2, mb1mx2.8/5.1, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=25.9km s-min=15.0km az=45.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H46RU Zalesovo INFRA, ZALV Zalesovo Beam, ZALV Zalesovo, etc.

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

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

BUJ 04 04:47:32.5, 14:53S:167:76E, h225km, mb5.2/59, mb5.2/41

IDC 04 04:47:33.8-0.6, 14:76S:167:43E, h217km, 5km, mb4.6/30, mb1 4.7/31, mb1mx4.6/41, mbtmp5.1/31, Error ellipse: s-maj=8.8km s-min=8.0km az=105.0

NEIC 04 04:47:34.0-0.1, 14:75S:167:44E, mb5.1/110, Error ellipse: s-maj=4.0km s-min=3.6km az=107.0

GCMT 04 04:47:34.0-0.2, 14:71S:167:28E, h221km, 1km, MW5:3/106, Moment Tensor Solution. s73, e97, s106, c144. Duration: 1s. Moment tensor: Scale 1017 N1: 0.11, 1.13, 0.2; M1: -0.51, 0.3; M2: 0.62, 0.3; M3: -0.2, 0.3; M4: 0.22, 0.3; M5: 0.37, 0.2. Best double couple: M1: 0.052000+107. NP1: 326.00000; 857.00000; 1.92.00000. NP2: 141.00000; 833.00000; 1.87.00000. Principal axes: T: 1.2180, Plg78.0000. Azm243.0000; N: -0.3370, Plg2.0000; Azm144.0000; P: -0.8850, Plg12.0000; Azm54.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 04 04:47:35.1-0.8, 14:81S:0:0:3:167:41E:0:3, h245km, 7km, mb4.9/160 Error ellipse: s-maj=4.6km s-min=4.0km az=175.8

MOS 04 04:47:35.3-1.1, 14:70S:167:35E, h240km, mb5.1/37, Error ellipse: s-maj=8.3km s-min=7.5km az=38.6

ISC 04 04:47:34.2-0.3, 14:81S:0:0:4:167:52E:0:04, h227km, 2km, h227km, pP-P, n487, c183/75/57, mb5.0/161, 33C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Honiara, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ASO1 Alice Springs, ASO1 Alice Springs, ASO1 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Arr, PETK Petropavlovsk, PETK Petropavlovsk, etc.

NVAR	Mina Array Bea	79.44 52 P	P	06 58 27.2 0.0
PD31	Pinedale Array	83.25 45 eP	P	06 58 47.9 +0.4
PDAR	Pinedale Array	83.25 45 eP	P	06 58 47.9 +0.4
LTX	Lajitas	94.50 54 eP	P	06 59 41.3 0.0
TXAR	Lajitas Array	94.50 54 P	P	06 59 41.3 0.0
LPAZ	La Paz	148.56 77 PKPbc	PKPbc	07 06 09.0 +0.3

JMA 04 06:53:45.7±0.1, 23°36'N-121°63'E, h0km, M3.2
 ISCJB 04 06:53:46.5±0.3, 23°36'N-01°12'66"E, 0.02, h4km±2km,
 Error ellipse: s-maj=3.2km s-min=1.9km az=28.6
 TAP 04 06:53:46.3, 23°36'N-121°60'E, h9km, ML3.8, B
 ISC 04 06:53:46.0±0.8, 23°36'N-02°12'62"E, 0.02, h10km±4km,
 n78, c0951/107, 3C-13D, Taiwan

Code	Station Name	Δ° AZ	Phase ID	Time Res
			ISC Op	h m s ISC
HWA	Hwallen	0.03 319	eP	06 53 48.5 0.0
HWA	Hwallen		iS	06 53 49.9 +0.1
ENLB	Shoufeng	0.06 200	eP	06 53 49.0 +0.3
ENLB	Shoufeng		S	06 53 51.0 +0.7
TWD	Chiawan	0.12 348	P	06 53 49.5 -0.2
TWD	Chiawan		S	06 53 51.2 -0.5
ESL	Shilin	0.23 231	iP	06 53 51.0 -0.3
ESL	Shilin		Sg	06 53 53.9 -0.6
ENA	Nanau	0.48 13	eP	06 53 56.0 -0.1
ENA	Nanau		eS	06 54 02.2 -0.2
HGSD	Ruisui	0.50 202	eP	06 53 57.9 +0.4
TWGT	Tachien	0.50 306	iP	06 53 56.8 +0.3
TWT	Tachien		S	06 54 03.6 +0.4
NNSH	Datong	0.52 335	eP	06 53 56.8 0.0
NNSH	Datong		eS	06 54 03.2 -0.4
ENAH	Nanau	0.52 19	eP	06 53 56.8 +0.1
ENAH	Nanau		eS	06 53 56.6 +0.3
NNS	Nan Shan	0.53 335	iP	06 53 57.0 0.0
NNS	Nan Shan		S	06 54 03.8 -0.3
DPDB	Guoxing	0.64 277	iP	06 53 59.4 -0.6
DPDB	Guoxing		eS	06 54 07.8 +0.2
SMLT	Sun Moon Lake	0.67 264	iP	06 53 59.7 +0.1
SMLT	Sun Moon Lake		eS	06 54 08.6 +0.3
TWF1	Yuli	0.67 206	eP	06 53 59.5 -0.2
TWF1	Yuli		eS	06 54 08.9 +0.4
ENTD	Nioudou	0.68 356	iP	06 53 60.0 +0.1
ENTD	Nioudou		eS	06 54 09.0 +0.2
TYC	Yuchr	0.70 266	iP	06 54 00.1 -0.1
TYC	Yuchr		S	06 54 08.7 -0.8
YHNB	Yeheng	0.74 342	iP	06 54 01.2 +0.1
YHNB	Yeheng		eS	06 54 11.3 -0.7
NSK	Sanguang	0.76 341	P	06 54 01.5 -0.5
NSK	Sanguang		eS	06 54 10.6 -0.6
TWE	Neicheng	0.76 3	eP	06 54 01.5 +0.1
TWE	Neicheng		eS	06 54 11.0 -0.3
YUS	Yu-Shan	0.77 233	eP	06 54 01.6 0.0
YUS	Yu-Shan		eS	06 54 12.6 -0.6
FULB	Fuli	0.81 202	eP	06 54 02.5 +0.2
WJWS	Zhushan	0.83 261	eP	06 54 03.0 -0.2
WNT	Mingjian	0.86 265	eP	06 54 03.4 -0.3
ALS	Alishan	0.87 239	eP	06 54 03.5 0.0
NSTT	Nanjuang	0.88 320	eP	06 54 03.9 -0.1
NSTT	Nanjuang		eS	06 54 15.4 -0.4
LIQB	Emei	0.88 321	iP	06 54 06.2 +1.1
TCU	Taichung	0.89 283	eP	06 54 04.5 -0.6
CHKT	Chengkung	0.89 196	eP	06 54 03.5 -0.3
NSY	Sanyi	0.91 300	eP	06 54 04.9 -0.6
NTC	Toucheng	0.91 12	eP	06 54 04.0 -0.2
CHNS	Tsauling	0.94 248	iP	06 54 05.4 -0.6
CHNS	Tsauling		eS	06 54 18.9 -0.5
ELDTW	Lidau	0.95 216	eP	06 54 03.7 -1.1
NMLH	Miaoili	0.95 307	eP	06 54 06.1 0.0
PTSB	Yuanli	0.97 300	eP	06 54 06.4 +0.1
WCHH	Zhanghua	0.98 277	eP	06 54 06.4 0.0
WGK	Gukeng	1.01 255	eP	06 54 07.0 +0.2
SBCB	Hsinchu	1.01 325	eP	06 54 07.1 +0.2
TIPB	Shuangxi	1.03 10	eP	06 54 06.4 0.0
TIPB	Shuangxi		eS	06 54 19.2 -0.6
WDLH	Douliu	1.03 255	eP	06 54 07.3 +0.2
HSN	Hsinchu	1.03 325	eP	06 54 07.5 +0.4
TAP1	Taipei	1.08 355	eP	06 54 07.8 0.0
NCUH	Zhongli	1.08 338	eP	06 54 08.5 +0.6
TWB1	Santiao Chiao	1.10 18	eP	06 54 07.5 -0.2
NWF	Wu-fen Shan	1.12 7	eP	06 54 08.5 +0.1
WFSB	Wu-fen Shan	1.12 7	eP	06 54 08.5 +0.1
WFSB	Wu-fen Shan		eS	06 54 22.9 +0.2
CHN4	Tsaushan	1.12 238	P	06 54 08.8 +0.4
CHN4	Tsaushan		eS	06 54 24.3 +0.5
STYT	Tauyuan	1.12 225	iP	06 54 08.4 -0.1
STYT	Tauyuan		eS	06 54 23.5 -0.4
TPUB	Ta-pu	1.12 235	iP	06 54 08.2 0.0
TWS1	Kuangyinshan	1.15 351	eP	06 54 09.6 +0.8
RLNB	Erin	1.16 267	eP	06 54 09.3 +0.4
RLNB	Erin		eS	06 54 26.0 +1.3

WTP	Ta-pu	1.17 233	eP	06 54 09.2 +0.2
CHY	Chiayi	1.19 248	eP	06 54 09.5 0.0
YM04	YM04	1.19 356	eP	06 54 09.9 +0.3
YM10	YM10	1.19 357	eP	06 54 10.1 +0.5
YM05	YM05	1.20 358	eP	06 54 10.0 +0.3
YM07	YM07	1.21 360	eP	06 54 10.1 +0.2
YM03	YM03	1.22 356	iP	06 54 10.2 +0.1
YM03	YM03		eS	06 54 26.4 0.0
YM12	YM12	1.22 358	eP	06 54 10.1 0.0
YM08	YM08	1.23 359	eP	06 54 10.2 0.0
TWG	Pinlang	1.24 204	eP	06 54 09.7 -0.4
TWGT	Pinlang	1.24 204	eP	06 54 09.9 -0.1
CHN1	Nanshi	1.27 233	eP	06 54 11.0 0.0
SGST	Jiashian	1.29 228	eP	06 54 11.6 +0.2
SGST	Jiashian		eS	06 54 30.0 +1.7
YOJ	Yonaguni jima	1.36 68	eP	06 54 11.5 -0.2
YOJ	Yonaguni jima		eS	06 54 30.3 +0.5
TWM1	Shoushan	1.58 225	eP	06 54 16.7 -0.2
MASBT	Mashbuluo	1.62 214	eP	06 54 15.6 +0.3
SCZT	Fangliu	1.83 211	eP	06 54 19.8 -0.4
PHUB	P'eng-hu	1.93 257	eP	06 54 20.0 +0.5
IRIF	Iriomote-Funau	1.96 79	P	06 54 20.7 +0.8
IRIF	Iriomote-Funau		eS	06 54 46.0 +1.4
HATJ	Hateruma jima	2.00 87	eS	06 54 47.1 -0.9
JKRS	Kuro-shima	2.20 82	P	06 54 24.0 +0.8
WVUC	WVUC	2.23 298	eP	06 54 24.1 +0.4
JJJ	Ishigaki jima	2.34 80	P	06 54 24.8 -0.3
JJJ	Ishigaki jima		eS	06 54 53.3 -0.2
JISG	Ishigakijimahi	2.53 75	P	06 54 27.6 -0.2
JISG	Ishigakijimahi		eS	06 54 59.4 +0.7
IMATB	Ma-tsu	2.66 325	eP	06 54 30.0 +0.4
KNM	Kimmen	2.95 280	eP	06 54 35.5 +1.9
KNMB	Chin-men Tao	3.00 280	eP	06 54 34.2 0.0

NIED 04 06:59:00, 24°00'N, 121°60'E, h5km, Mw4.6 Best double couple: M₀=9.38000x10¹⁵ N_{P1}=230.00000°, δ₂₇.00000°, λ₁₀₃.00000° NP₂=36.00000°, δ₆₄.00000°, λ₈₄.00000°
 IDC 04 06:59:55.2±0.6, 23°39'N-121°73'E, h0km, mb4.0/21, mb1 4.2/22, mb1mx4.1/50, mb1mx4.0/22, MS3.5/14, Ms1 3.5/14, ms1mx3.3/35, Error ellipse: s-maj=18.4km s-min=13.9km az=62.0
 NEIC 04 06:59:57.0±0.3, 23°31'N-121°66'E, h10km, mb4.8/14, ML4.7(TAP), Error ellipse: s-maj=5.6km s-min=4.3km az=118.0
 NEIC Recorded [4 TAP] in Hualien and [2 TAP] in Nantou and Yilan.
 BUJ 04 06:59:56.8, 23°97'N-121°60'E, h6km, mb4.4/21, mb4.7/20, ML4.4/8, Ms4.4/22, Ms7.4/319
 JMA 04 06:59:56.2±0.1, 23°36'N-121°63'E, h0km, M4.2
 TAP 04 06:59:57.3, 23°37'N-121°60'E, h7km, ML4.7, B
 ISCJB 04 06:59:57.1±0.3, 23°36'N-01°12'66"E, 0.01, h11km±1km, mb4.2/34, MS3.5/19, Error ellipse: s-maj=2.3km s-min=1.7km az=42.1

Code	Station Name	Δ° AZ	Phase ID	Time Res
			ISC Op	h m s ISC
HWA	Hwallen	0.05 302	eP	06 59 59.1 -0.2
HWA	Hwallen		eS	07 00 01.0 +0.3
ENLB	Shoufeng	0.07 225	iP	06 59 59.6 +0.2
TWD	Chiawan	0.14 338	iP	07 00 01.1 -0.4
TWD	Chiawan		iS	07 00 02.3 -0.4
NACB	Ninganchiao	0.23 347	eP	07 00 01.5 -0.6
NACB	Ninganchiao		eS	07 00 04.7 -0.6
ESL	Shilin	0.24 236	iP	07 00 01.6 -0.7
ESL	Shilin		eS	07 00 04.9 -0.7
ENA	Nanau	0.48 10	iP	07 00 06.6 -0.2
ENA	Nanau		S	07 00 13.1 -0.1
HGSD	Ruisui	0.50 205	eP	07 00 07.9 -0.5
ENAH	Nanau	0.52 16	eP	07 00 07.5 0.0
ENAH	Nanau		eS	07 00 14.7 +0.4
TWT	Tachien	0.53 305	iP	07 00 07.5 -0.2
TWT	Tachien		eS	07 00 14.2 -0.5
EHY	Hungye	0.54 214	iP	07 00 07.4 -0.4
EHY	Hungye		eS	07 00 14.7 -0.1
ENHD	Datong	0.54 333	P	07 00 07.5 -0.4
NNSH	Datong		eS	07 00 13.8 -1.1
TDCB	Techi	0.54 304	iP	07 00 07.6 -0.3
NNS	Nan Shan	0.55 332	P	07 00 07.7 -0.4
NNS	Nan Shan		S	07 00 14.5 -0.9
YULB	Yu-li	0.64 210	eP	07 00 09.8 -0.1
SSLB	Suanguing	0.66 256	eP	07 00 09.7 -0.5
SSLB	Suanguing		eS	07 00 17.0 -1.8
DPDB	Guoxing	0.67 277	iP	07 00 10.1 -0.2
DPDB	Guoxing		eS	07 00 18.4 -0.7
ENTD	Nioudou	0.69 353	iP	07 00 10.7 0.0
ENTD	Nioudou		eS	07 00 19.8 -0.1
SMLT	Sun Moon Lake	0.69 265	iP	07 00 10.5 -0.3
SMLT	Sun Moon Lake		eS	07 00 19.0 -0.9
TYC	Yuchr	0.73 267	iP	07 00 10.9 -0.6
TYC	Yuchr		S	07 00 19.4 -1.6
EOS1	EOS1	0.74 36	eP	07 00 13.6 -0.3
YHNB	Yeheng	0.76 341	iP	07 00 12.0 0.0
YHNB	Yeheng		eS	07 00 21.1 -0.9
YHNB	Yeheng		eP	07 00 12.1 0.0
YHNB	Yeheng		eS	07 00 21.8 -0.2
TWE	Neicheng	0.77 1	eP	07 00 12.2 0.0
TWE	Neicheng		eS	07 00 21.7 -0.6
NSK	Sanguang	0.77 340	iP	07 00 12.1 -0.2
NSK	Sanguang		eS	07 00 21.5 -0.8
YUS	Yu-Shan	0.79 235	iP	07 00 12.3 -0.4

YUS	Yu-Shan		eS	07 00 22.6 -0.4
FULB	Fuli	0.82 204	eP	07 00 13.3 +0.1
ILA	Ilan	0.82 6	eP	07 00 13.4 +0.2
WJWS	Zhushan	0.85 262	eP	07 00 14.1 -0.3
WJWS	Zhushan		eS	07 00 25.8 -0.1
CHKT	Chengkung	0.89 197	eP	07 00 14.2 -0.2
WNT	Mingjian	0.89 266	eP	07 00 15.0 0.0
ALS	Alishan	0.89 241	iP	07 00 14.5 -0.1
ALS	Alishan		eS	07 00 26.4 +0.2
NSTT	Nanjuang	0.90 319	eP	07 00 14.7 -0.1
NSTT	Nanjuang		eS	07 00 26.0 -0.5
LIQB	Emei	0.90 320	iP	07 00 16.9 +0.6
LIQB	Emei		eS	07 00 27.4 0.0
TCU	Taichung	0.91 283	eP	07 00 28.4 +0.7
NTC	Toucheng	0.92 10	eP	07 00 15.0 -0.1
EGS	Erin	0.93 16	eP	07 00 15.7 0.0
NSY	Sanyi	0.94 300	eP	07 00 16.2 -0.5
NSY	Sanyi		eS	07 00 28.2 -0.1
ELDTW	Lidau	0.96 218	eP	07 00 14.9 -0.9
CHNS	Tsauling	0.96 249	eP	07 00 16.1 -0.1
NMLH	Miaoili	0.98 307	iP	07 00 17.3 0.0
NMLH	Miaoili		eS	07 00 29.2 -0.3
PTSB	Yuanli	1.00 300	eP	07 00 17.5 -0.1
PTSB	Yuanli		eS	07 00 30.2 +0.2
WCHH	Zhanghua	1.01 278	eP	07 00 17.3 -0.4
TIPB	Shuangxi	1.03 9	iP	07 00 17.1 -0.1
TIPB	Shuangxi		eS	07 00 29.7 -0.9
TATO	Taipei	1.03 352	eP	07 00 17.5 +0.1
TATO	Taipei		eS	07 00 30.4 -0.3
WGK	Gukeng	1.03 255	eP	07 00 17.5 +0.1
SBCB	Hsinchu	1.04 324	eP	07 00 18.1 0.0
HSN	Hsinchu	1.05 324	eP	07 00 18.7 +0.4
HSN	Hsinchu		eS	07 00 32.4 -0.7
WDLH	Douliu	1.05 256	eP	07 00 18.3 0.0
TAP	Taipei	1.09 353	eP	07 00 17.9 -0.5
TAP	Taipei		eS	07 00 31.9 -0.8
TWB1	Santiao Chiao	1.10 16	iP	07 00 18.4 -0.1
NCUH	Zhongli	1.10 337	eP	07 00 19.1 +0.2
NCUH	Zhongli		eS	07 00 34.7 +0.5
NWF	Wu-fen Shan	1.12 6	eP	07 00 19.2 -0.1
STYT	Tauyuan	1.14 227	eP	07 00 19.2 -0.1
STYT	Tauyuan		eS	07 00 33.9 -0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKRS Kuro-shima, JIJ Ishigaki jima, JISG Ishigakijimahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEYT Alibek, ARU Art, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLL, AAGR Agrelo, AANR Cantaral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVSB, GDZ, CAVI, MDNY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, ARSB, ARSB, EKS2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM, H1N12, H1N11, etc.

ISCJB 04 08:57:30.9-0.4, 17.775:0.04-69.39W, 0.7, h155km, 4km, mb3.8/5, Error ellipse: s-maj=11.3km s-min=4.4km az=22.5

SCB 04 08:57:31.2-0.4, 17.385:69.10W, h164km, 3km, ML3.6/3, Error ellipse: s-maj=10.9km s-min=6.4km az=94.0

GUC 04 08:57:31.8-0.4, 17.955:69.60W, h168km, 4km, ML3.8, Error ellipse: s-maj=10.9km s-min=6.4km az=94.0

IDC 04 08:57:31.8-0.4, 17.805:69.19W, h147km, 2.1km, mb3.7/5, mb1.3/8, mb1mx3.5/32, mbmp4.2/8, Error ellipse: s-maj=4.7km s-min=18.5km az=17.0

ISC 04 08:57:31.4-0.7, 17.755:0.04-69.35W, 0.06, h146km, 7km, m2.7, r1969/40, mb4.1/5, 11C-8D, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB12, BBOB, BBOJ, etc.

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

TAP 04 09:17:20.4, 24.33N-121.65E, h24km, ML3.6, 4C-8D, B, Taiwan

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

SOME 04 09:06:03.0, 42.07N-72.58E, h5km, NNC 04 09:06:05.0, 42.16N-72.55E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=7.2km s-min=4.7km az=52.0

KNET 04 09:06:04.2, 42.11N-72.52E, h16km, mb3.0, KNET 04 09:06:07.0, 42.13N-72.76E, h9km, 3km, ml2.6, Error ellipse: s-maj=6.5km s-min=3.4km az=114.0

ISC 04 09:06:04.1, 42.13N-72.52E, 0.02, h15km, 8km, n45, r1517/82, 34C-23D, Kyrgyzstan

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

IDC 04 09:10:32.6, 1.3, 37.92N-141.96E, h0km, mb3.3/5, mb1.3/6, mb1mx3.3/34, mbmp3.2/6, ML2.8/1, Error ellipse: s-maj=32.8km s-min=23.1km az=140.0

ISCJB 04 09:10:34.6, 1.0, 37.9N-142.0E, 0.1, h30km, mb3.3/5, Error ellipse: s-maj=26.4km s-min=8.6km az=149.0

ISC 04 09:10:36.8, 1.2, 37.9N-141.9E, 0.1, h30km, n13, r1536/9, mb3.3/5, Near east coast of eastern Honshu

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

4d1 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nanshi, Jhianfan, Peng-hu, Ma-tsu.

NIED 04 09:22:00, 37.60N, 144.50E, h8km, Mw4.0. Best double couple: Mo: 1.7000, 1015, NP1: 168.0000, 824.00000, 1-146.00000, NP2: 164.00000, 877.00000, 1-69.00000.

ISC/JB 04 09:22:14.4, 0.8, 37.37N, 144.82E, h0km, mb3.6/10, mb1 3.9/14, mb1mx3.8/37, mbtmp3.7/14, ML2.3, MS3.5/4, Ms1 3.6/4, ms1mx2.9/43, Error ellipse: s-maj=22.4km s-min=19.5km az=118.0

ISC/JB 04 09:22:18.7, 0.6, 37.62N, 0.04, 144.61E, 0.05, h33km, mb3.6/10, MS3.8/3, Error ellipse: s-maj=6.0km s-min=5.0km az=154.8

JMA 04 09:22:00, 73.07, 37.57N, 144.47E, h56km, M4.4. ISC 04 09:22:00.0, 0.3, 36.66N, 0.06, 144.68E, 0.07, h35km, n38, c254/49, mb3.7/10, MS3.9/3, Off east coast of Honshu

Main station list table for the first section, including stations like Ouri, Ofunato, Ichinoseki, Ohasama, Otama, Kaneyama, Ohata, Ryogami san, Odawara 2, Churui, Kayabe, Matsushiro Arr, etc.

ISC/JB 04 09:44:01.3, 1.7, 7.60N, 0.05, 127.0E, 0.1, h51km, 16km, mb3.8/8, MS3.3/2, Error ellipse: s-maj=23.4km s-min=6.6km az=178.5

ISC 04 09:44:03.2, 4.3, 7.72N, 126.90E, h52km, 40km, mb3.6/8, mb1 3.7/8, mb1mx3.5/37, mbtmp3.8/8, MS3.3/2, Ms1 3.5/2, ms1mx2.7/27, Error ellipse: s-maj=32.7km s-min=16.7km az=78.0

ISC 04 09:44:04.0, 7.52N, 126.60E, h27km, mb4.5, ML3.4, MS3.3. MAN 04 09:44:02.8, 1.9, 7.58N, 0.05, 126.9E, 0.2, h51km, 17km, n17, r136/20, mb3.8/8, 1C, Mindanao

Main station list table for the second section, including stations like Bislig, Mati, Davao City (W), Musuan, Butuan, Maasin, Borongan, Fitzroy Crossi, Waramunga Arr, etc.

MEX 04 09:47:57.0, 6.15, 49N, 92.34W, h179km, 5km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, TGIG, HUIG, Vista Hermosa.

DDA 04 09:50:28.1, 36.98N, 34.96E, h7km, MD2.3, Turkey Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DED, GULE, KERG.

ISC/JB 04 09:51:31.9, 0.3, 39.67N, 0.02, 29.47E, 0.03, h0km, Error ellipse: s-maj=3.8km s-min=2.9km az=7.7. ISK 04 09:51:31.1, 39.66N, 29.45E, h4km, ML2.4. DDA 04 09:51:31.7, 39.66N, 29.47E, h7km, ML2.8, Suspected Mining explosion.

CSEM 04 09:51:32.1, 0.1, 39.66N, 29.48E, h1km, ML2.4, Error ellipse: s-maj=2.5km s-min=2.1km az=95.0, Suspected Mining explosion.

ISC 04 09:51:31.8, 0.8, 39.67N, 0.02, 29.47E, 0.02, h0km, n76, c053/84, Turkey

Main station list table for the third section, including stations like TAVSANI, ORHANEI, GEDIZ, CAVUSKOY, BURSA, etc.

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

NNC 04 10:17:09.9, 4.5, 37.54N, 71.06E, h0km, mb3.6, mpv3.2, 3C-7D, Error ellipse: s-maj=34.5km s-min=30.2km az=156.0, Afghanistan-Tajikistan border region

SFK 1.6nm, 0.3s. 3.12 37 Op Pn 10 18 00.9 +0.3

MNAS 25m, 0.6s. 5.06 12 P Pn 10 18 27.6 +0.4

KK31 1.4nm, 0.3s, baz=178, slow=23, SNR=6.0. 5.57 356 P Pn 10 18 34.7 +0.6

AAK 1.4nm, 0.4s. 5.73 26 P Pn 10 18 35.8 -0.6

TKM2 1.5nm, 0.4s. 6.39 31 P Pn 10 18 43.4 -2.2

ISC 04 10:29:49.1, 39.31N, 38.39E, h5km, MD2.5, ML2.5. ISC/JB 04 10:29:53.3, 0.5, 39.42N, 0.03, 38.58E, 0.03, h2km, 7km, Error ellipse: s-maj=4.8km s-min=4.2km az=41.3

CSEM 04 10:29:53.4, 0.2, 39.41N, 38.58E, h2km, MD2.5, Error ellipse: s-maj=5.3km s-min=4.9km az=134.0. DDA 04 10:29:53.4, 39.40N, 38.61E, h3km, MD2.5. ISC 04 10:29:53.2, 0.9, 39.41N, 0.03, 38.58E, 0.02, h8km, 6km, n25, r139/40, Turkey

Main station list table for the fourth section, including stations like ILIC, KEMA, HEKM, ERZINCAN, etc.

SOME 04 10:35:30.4, 44.20N, 78.35E, h5km, 3C, Eastern Kazakhstan

ARXS 3.4nm, 0.1s. 0.38 272 Op Pn 10 35 37.8 +0.1

KURS 26nm, 0.2s. 0.72 190 P Pn 10 35 44.6 +0.3

KURS 0.9nm, 0.7s. 1.14 178 eP Pn 10 35 54.4 +0.7

SATY 5.9nm, 0.1s. 1.14 178 eP Pn 10 35 51.2 -1.1

KAPS 0.6nm, 0.3s. 1.30 331 P Pn 10 35 54.5 -0.8

KAPS 4.3nm, 0.2s. 1.30 293 eP Pn 10 36 12.1 -0.1

ILAR 0.6nm, 1.1s, baz=227, slow=4.0, SNR=4.2

WRA 0.2nm, 0.3s, baz=97, slow=7.5, SNR=13

ASAR 0.1nm, 0.4s, baz=85, slow=8.4, SNR=7.3

TXAR 0.1nm, 0.7s, baz=232, slow=4.4, SNR=3.1

ILAR 0.6nm, 1.1s, baz=227, slow=4.0, SNR=4.2

CSEM 04 11:04:55.8, 0.8, 36.79N, 27.61E, h5km, ML2.5, Error ellipse: s-maj=17.5km s-min=6.8km az=23.0

ISC 04 11:04:58.0, 37.03N, 27.57E, h3km, MD2.2. DDA 04 11:04:59.7, 36.96N, 27.53E, h7km, ML2.5, Dodecanese Islands

Main station list table for the fifth section, including stations like BDRM, BDRM, BDRM, BODR, BODR, etc.

DDA 04 10:02:09.4, 37.68N, 35.53E, h7km, M11.9, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKO, YAHY, GULE.

CSEM 04 10:04:36.1, 41.37N, 44.46E, h0km, ML1.9. TIF 04 10:04:36.1, 41.37N, 44.46E, h10km, 1km, Western Caucasus

Main station list table for the sixth section, including stations like BTNK, BTNK, BTNK, DELISI, DELISI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM, TURN, TURUNC.

CRAAG 04 11:09:43.4, 35.61N, 0.60W, M3.9
CSEM 04 11:09:44.7, 0.2, 35.69N, 0.74W, h10km, ML3.9, Error
ellipse: s-maj=5.4km s-min=4.5km az=16.0

MDD 04 11:09:44.7, 0.4, 35.71N, 0.69W, h0km, mbLg2.5/2.0, Error
ellipse: s-maj=5.2km s-min=3.4km az=33.0, PRXIMO

INMG 04 11:09:46.3, 1.1, 35.58N, 0.67W, h36km, 20km, Error
ellipse: s-maj=5.6km s-min=3.5km az=156.0

ISC 04 11:09:43.9, 1.1, 35.68N, 0.04, 0.68W, 0.03, h14km, 8km,
n82, r158/129, 2C-1D, Northern Algeria

Main table of seismic data for Northern Algeria, listing stations like USTO, OTSS, ODJA, etc., with their respective coordinates and event details.

Table of seismic data for Morocco, listing stations like ESDC, PAB, ETOS, etc., with their respective coordinates and event details.

ISK 04 11:13:12.1, 34.78N, 29.10E, h9km, ML3.6
CSEM 04 11:13:14.0, 34.86N, 29.11E, h10km, ML3.2, Error
ellipse: s-maj=1.0km s-min=0.7km az=20.0

DDA 04 11:13:20.8, 35.37N, 28.96E, h20km, M3.2
GII 04 11:13:21.2, 0.0, 34.44N, 29.61E, h5km

ISC 04 11:13:12.6, 3.0, 34.78N, 0.04, 29.11E, 0.04, h15km, 22km,
n49, r199/69, Eastern Mediterranean Sea

Main table of seismic data for Eastern Mediterranean Sea, listing stations like KARP, AFON, ETOB, etc., with their respective coordinates and event details.

MEX 04 11:15:09.5, 0.7, 28.71N, 113.91W, h15km, MD3.8, Baja California

Table of seismic data for Baja California, listing stations like SRIG, KSP, etc., with their respective coordinates and event details.

ISCJB 04 11:26:23.9, 0.8, 51.37N, 0.04, 16.17E, 0.04, h0km, Error
ellipse: s-maj=5.3km s-min=3.1km az=12.6

CSEM 04 11:26:25.0, 0.5, 51.41N, 16.16E, h2km, ML3.2/1.0, Error
ellipse: s-maj=7.7km s-min=4.3km az=176.0

VIE 04 11:26:26.3, 0.9, 51.29N, 16.06E, h0km, mb2.1/1, ML2.5/5,
Error ellipse: s-maj=7.0km s-min=5.4km az=178.0,
Suspected Mining induced.

WAR 04 11:26:29.5, 0.1, 51.01N, 15.80E, h1km, Mw2.5
ISC 04 11:26:29.5, 1.1, 51.42N, 0.05, 16.16E, 0.03, h0km, n33,
r067/64, Poland

Main table of seismic data for Poland, listing stations like KSP, DPC, PVCC, etc., with their respective coordinates and event details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIWI Kapiti Island, JCZ Jackson Bay, WKZ Wanaka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, SFK 3.0m,0.3s, MNAS Manas, etc.

ISC/JB 04 11:59:30.9-0.7, 59.30N-0.03-27.45E-0.09, h0km, Error ellipse: s-maj=6.9km s-min=3.7km az=15.0

CSEM 04 11:59:32.0-0.8, 59.32N-27.43E, h0km, gkm, ML1.9, Error ellipse: s-maj=15.8km s-min=8.4km az=111.0, Mining explosion.

BER 04 11:59:33.5-3.7, 59.29N-27.44E, h0km, ML2.3(NAO), Suspected explosion

NAO 04 11:59:33.2-1.2, 59.32N-27.24E, ML2.3, IDC 04 11:59:33.3-1.1, 59.30N-27.41E, h0km, mb1 3.4/5, mb1mx3.1/5.7, mbtmp3.4/5, ML2.9/5, Error ellipse: s-maj=12.6km s-min=7.9km az=85.0

ISC 04 11:59:31.1-0.9, 59.39N-0.03-27.35E-0.05, h0km, russia, #2524/58, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARBE Arbavere, ARBE Arbavere, VJF Virojoki, etc.

IDC 04 11:37:04.5-2.4, 3.44N, 126.59E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.1/34, mbtmp3.2/3, Error ellipse: s-maj=207.0km s-min=66.0km az=66.0, Talaud Islands

WRA Warramunga Arr 24.45 162 P P 11 42 24.7 +0.7

ASAR Alice Springs 27.87 166 P P 11 42 57.0 +0.8

MKAR Makarrara Rang 5.71 225 P P 11 46 56.9 -0.3

ISC/JB 04 11:38:28.0-1.7, 33.85S-0.1-178.17W-0.3, h35km, mb3.8/2, Error ellipse: s-maj=39.6km s-min=8.7km az=24.1

IDC 04 11:38:27.2-2.4, 3.32S, 178.47W, h0km, mb4.0/2, mb1 4.2/3, mb1mx3.7/27, mbtmp3.9/3, ML3.6/1, Error ellipse: s-maj=33.1km s-min=35.0km az=126.0

WEL 04 11:38:28.0-1.3, 35.5E-21.17W-6.1S, h33km, mb4.4/6, ML4.5/6, Mtw3.4/3

ISC 04 11:38:31.2-2.1, 33.73S-0.2-178.2W-0.3, h35km, n26, #181/27, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waiomatatini S, PKGZ Pakihoro, PKGZ Pakihoro, etc.

WRA Warramunga Arr 44.13 276 P P 11 46 35.9 -0.7

FINES FINESS Array B 148.17 338 PKPbc PKPbc 11 58 25.5 -0.1

BRTR Keskin Rang B 153.85 292 PKPbc PKPbc 11 58 28.5 +1.6

#11/20, mb3.9/15, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

MEX 04 12:07:52.0-0.7, 15.54N-93.51W, h79km, gkm, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG Pucallpa, PCIG Pucallpa, TGIG Tuguehuayco, etc.

ISK 04 12:09:33.0, 36.95N-27.51E, h10km, ML2.9

THE 04 12:09:34.0, 36.93N-27.47E, h0km, ML2.8/4, Error ellipse: s-maj=0.8km s-min=0.4km az=43.0

ISC/JB 04 12:09:34.0-0.4, 36.94N-27.50E-0.03, h5km, 4km, Error ellipse: s-maj=4.3km s-min=3.1km az=149.1

ATH 04 12:09:34.0, 36.91N-27.50E, h30km, 3km, ML2.8/4, Error ellipse: s-maj=4.9km s-min=1.3km az=211.0

DDA 04 12:09:34.1, 36.96N-27.52E, h11km, ML3.1, CSEM 04 12:09:34.1-0.1, 36.94N-27.50E, h8km, ML3.1, Error ellipse: s-maj=1.1km s-min=2.1km az=50.0

ISC 04 12:09:34.1-0.8, 36.94N-27.52E-0.02, h11km, 5km, n54, #089/82, Decadence Islands

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

NISR Nisiro 0.45 223 P P 12 09 51.5

NISR Nisiro 0.45 223 P P 12 09 42.9 -0.2

NISR Nisiro 0.45 223 P P 12 09 42.9 -0.2

NISR Nisiro 0.45 223 P P 12 09 42.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

ARG Arkhangelos 0.88 146 P P 12 09 50.9 -0.2

NNC 04 11:44:21.6-7.1, 37.95S-71.66E, h0km, mb3.5, mpv3.1, 5C-3D, Error ellipse: s-maj=54.0km s-min=41.9km

IDC 04 12:05:00.8-0.8, 26.90N-143.45E, h0km, mb3.8/10, mb1 4.1/11, mb1mx3.8/56, mbtmp3.8/11, ML3.9/1, Error ellipse: s-maj=25.2km s-min=19.2km az=89.0

NEIC 04 12:05:02.5-0.5, 26.92N-143.35E, h10km, mb4.2/4, Error ellipse: s-maj=12.0km s-min=9.6km az=75.0

ISC/JB 04 12:05:04.1-0.6, 26.90N-143.41E-0.07, h33km, #181/15, Error ellipse: s-maj=12.7km s-min=9.4km az=7.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLR, Muntele Rosu, DOPR, VOIR, etc.

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

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

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

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

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

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

4d 14h

Table with columns: JHD, Hachiojima 2, 3.95 211 Pn, P, 13 49 51.5 -2.2, etc.

ISCJB 04 14:19:23.0+0.6, 31.97N, 107.137E, 0.10, h380km, mb3.4/8, Error ellipse: s-maj=12.8km s-min=6.3km az=36.0

JMA 04 14:19:22.0+0.6, 31.87N, 138.17E, h397km, M3.3, IDC 04 14:19:25.2+0.7, 32.08N, 137.86E, h393km, 9km, mb3.1/8, mb1.3, 3.9/11, mb1mx3.0/42, mbtmp3.9/11, Error ellipse: s-maj=23.0km s-min=7.7km az=71.0

ISC 04 14:19:24.0+0.9, 32.16N, 109.137E, 0.10, h380km, n34, e173/40, mb3.3/8, Southeast of Honshu

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

NIED 04 14:21:00, 31.80N, 138.50E, h500km, Mw5.0 Best double couple: M3.20000, 1016, NP13, 126.00000, 816.00000, A-178.00000, NP23, 34.00000, 889.00000, A-74.00000

JMA 04 14:21:19.7+0.2, 31.76N, 138.48E, h427km, M4.7, BUJ 04 14:21:20.1, 31.64N, 137.99E, h401km, mb4.9/66, mb4.8/47

MOS 04 14:21:20.7+0.9, 31.60N, 138.05E, h407km, mb4.8/85, Error ellipse: s-maj=7.1km s-min=4.0km az=110.1

ISCJB 04 14:21:20.6+0.2, 31.61N, 103.138E, 0.03E, 0.10, h403km, 2km, mb4.7/275, Error ellipse: s-maj=4.3km s-min=2.7km az=165.0

IDC 04 14:21:21.0+0.6, 31.51N, 138.12E, h400km, 5km, mb4.2/31, mb1.4, 3/39, mb1mx3.7/47, mbtmp5.0/39, Error ellipse: s-maj=8.6km s-min=7.5km az=103.0

NEIC 04 14:21:21.6+0.3, 31.56N, 138.02E, h405km, 2km, mb4.7/183, Error ellipse: s-maj=3.2km s-min=2.1km az=149.0

ISC 04 14:21:20.8+0.4, 31.56N, 104.138E, 0.04, h401km, 3km, h402km, pP-P, n759, 112/844, mb4.7/288, 34C-35D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Main table with columns: MJB5, Matsu-Tunnel, 4.98 0 eP, P, 14 22 41.9 -0.4, etc.

Main table with columns: GYA, GYA, 14 22 46.8 +1.3, S, S, 14 30 48.2 -3.0, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like AKASG Malin Array Be, AKBB Malin Array Si, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like PKM Mcpherson Peak, YHH Holmes Hill, YMR Madison River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like SHPR Sheep Range, UPC Ulice, VYHS Yvonne, etc.

ILAR Eielson Array 42.39 36 P P 14 48 30.5 +0.7
MKAR Makanchi Array 43.22 297 P P 14 48 37.1 +0.3
FINES FINESS Array B 64.16 332 P P 14 51 06.8 -1.7
HFS Hagfors 69.08 336 P P 14 51 39.6 -0.2

IDC 04 14:47:15.4:5.3, 26.88N-143.25E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.2/5.1, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=206.2km s-min=26.0km az=74.0, Bonin Islands region

Code Station Name Az AZZ Phase ID Time Res ISC
MJAR Matsushiro Arr 10.55 337 Op Pn 14 49 45.9 -2.0
WRA Warramunga Arr 47.34 191 P P 14 55 51.0 -0.1
ASAR Alice Springs 51.05 191 P P 14 56 19.2 -0.4
MKAR Makanchi Array 51.33 310 P P 14 56 22.2 +0.5

IDC 04 14:53:55.0:1.4, 26.76N:96.37E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.3/4, mbtmp3.5/5, ML3.6/1, MS2.6/2, MS1 2.7/2, ms1mx2.6/4.0, Error ellipse: s-maj=49.0km s-min=22.4km az=75.0

ISCJB 04 14:53:57.1:0.9, 26.7N:0.1:96.7E:0.2, h33km, mb3.9/5, MS2.6/1, Error ellipse: s-maj=20.8km s-min=14.5km az=174.7

ISC 04 14:53:59.5:1.1, 26.8N:0.1:96.7E:0.1, h35km, n8, s=088/8, mb3.8/5, Myanmar

Code Station Name Az AZZ Phase ID Time Res ISC
SHL Shillong 4.48 256 Op Pn 14 55 06.0 +0.9
CMAR Chiang Mai Arr 8.53 165 Pn Pn 14 56 00.4 -0.1
CMAR 0.0nm, 0.3s, baz=341, slow=28, SNR=5.5
CMAR comp=N, 2um, 0.2s
SONM Songoing Array 22.36 17 P P 14 58 58.8 +1.2

GUC 04 14:54:14.1:0.7, 19.91S:69.23W, h96km, 3km, ML3.5, Northern Chile

Code Station Name Az AZZ Phase ID Time Res ISC
PB08 IPOC Station P 0.24 163 Op Pn 14 54 28.7 +0.1
PB08 0.8nm, 0.5s, baz=338, slow=13, SNR=6.0
PB08 IAML
PB11 IPOC Station P 0.43 290 eP Pn 14 54 29.2 0.0
PB11 0.5nm, 0.7s, baz=210, slow=10, SNR=3.0

CSEM 04 15:04:05.1:0.7, 37.28N:42.65E, h6km, ML2.4

DDA 04 15:04:05.0:3, 37.28N:42.65E, h6km, ML2.4, Turkey

Code Station Name Az AZZ Phase ID Time Res ISC
SIRN S--rnak 0.28 319 iP Pn 15 04 09.9 -0.7
SIRN 0.5nm, 0.3s, baz=210, slow=10, SNR=3.0
SIRN S--rnak 0.28 319 iS Pn 15 04 09.9 -0.8

ISC 04 15:04:24.0:38.87N:43.52E, h5km, ML2.6

CSEM 04 15:04:25.8:0.3, 38.89N:43.56E, h6km, ML2.9, Error ellipse: s-maj=8.2km s-min=6.3km az=102.0

DDA 04 15:04:25.3:38.89N:43.54E, h18km, ML2.9

ISC 04 15:04:25.7:1.0, 38.88N:0.03:43.55E:0.04, h13km, 6km, n13, s=081/23, Turkey

Code Station Name Az AZZ Phase ID Time Res ISC
VMUR Van-Muradiye 0.11 8 iP Pn 15 04 28.8 -0.2
VMUR 0.1nm, 0.8s, baz=182, slow=74, SNR=6.5
VMUR Van-Muradiye 0.11 8 iS Pn 15 04 28.8 -0.2

IDC 04 15:05:01.4:2.7, 3.14S:129.63E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/2.7, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=179.4km s-min=29.9km az=70.0, Seram

Code Station Name Az AZZ Phase ID Time Res ISC
WRA Warramunga Arr 17.32 165 Op Pn 15 09 06.0 -0.4
ASAR Alice Springs 20.82 169 P P 15 09 44.2 -0.5

MKAR Makanchi Array 64.82 326 P P 15 15 42.2 0.0
NNC 04 15:18:44.7:9.7, 35.39N:71.53E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=75.5km s-min=60.5km az=134.0

ISC 04 15:18:48.6:1.5, 33.44N:0.08:75.9E:0.2, h10km, n14, s=079/10, 8C-2D, Eastern Kashmir

Code Station Name Az AZZ Phase ID Time Res ISC
THN Thein Dam 1.02 190 eP Pn 15 19 02.7 -6.2
THN THN 1.02 190 eS Pn 15 19 22.6 -0.7
SDNR Sundarnagar 2.13 155 eP Pn 15 19 17.0 -7.2

CSEM 04 15:26:54.9:0.2, 39.49N:43.32E, h0km, 4km, MD2.6, Error ellipse: s-maj=7.0km s-min=4.7km az=112.0

DDA 04 15:26:54.9:38.46N:43.27E, h7km, ML3.0

ISCJB 04 15:26:55.1:0.6, 38.50N:0.03:43.31E:0.05, h1km, 7km, Error ellipse: s-maj=6.5km s-min=4.1km az=20.2

ISK 04 15:26:55.0:38.51N:43.33E, h05km, MD2.6

ISC 04 15:26:55.1:0.8, 38.51N:0.02:43.37E:0.03, h6km, 5km, n26, s=118/47, Turkey

Code Station Name Az AZZ Phase ID Time Res ISC
TVAN Van 0.03 60 iP Pn 15 26 53.6 0.0
TVAN 0.03 60 iS Pn 15 26 58.7 +1.0
TVAN 0.03 60 iS Pn 15 26 56.6 0.0

ISCJB 04 15:27:51.1:1.0, 39.4S:0.2:15.5W:0.2, h10km, mb3.8/6, MS3.7/6, Error ellipse: s-maj=30.4km s-min=21.6km az=44.5

IDC 04 15:27:51.2:1.1, 39.34S:15.52W, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/2.0, mbtmp3.9/6, MS3.6/6, MS1 3.7/6, ms1mx3.2/3.3, Error ellipse: s-maj=36.5km s-min=25.8km az=129.0

ISC 04 15:27:52.9:1.1, 39.3S:0.2:15.6W:0.2, h10km, n21, s=117/7, mb3.9/6, MS3.8/6, Tristan da Cunha region

Code Station Name Az AZZ Phase ID Time Res ISC
H10S2 ASCENSION HYDR0.26 2 T Op Pn 16 04 49.8
H10S3 ASCENSION HYDR0.26 2 T T 16 04 50.3
H10S1 ASCENSION HYDR0.28 2 T T 16 04 51.2

ILAR Eielson Array 142.18 328 PKhKP PKPpre 15 47 19.9
BUJ 04 15:35:45.3:7.79S:129.17E, h150km, mb5.3/66, mb5.1/43, MOS 04 15:35:50.6:1.0:7.27S:128.73E, h152km, mb5.2/40, Error ellipse: s-maj=10.8km s-min=5.7km az=111.1

NEIC 04 15:35:51.0:0.5:7.35S:128.74E, h148km, 4km, mb5.2/87, Error ellipse: s-maj=4.8km s-min=3.4km az=53.0

GCMT 04 15:35:51.0:0.3:7.42S:128.79E, h158km, 3km, MW5.0/79, Moment Tensor Solution. s24, c26; s79, c112; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.51+1.3; Mw:2.55+1.4; Mw0.03+1.6; Mw0.85+1.0; Mw0.65+1.4; Mw2.2+1.2; Best double couple: M0:37900x10^16

NP2: 0.310, 0.000, 0.490, 0.000, 1.134, 0.000; Principal axes: T: 4.0100, Plg58.0000; Azm288.0000; N: 1.2680, Plg32.0000; Azm97.0000; P: 2.7480, Plg5.0000; Azm190.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 04 15:35:51.5:0.3:7.48S:0.02:128.77E:0.02, h172km, 3km, mb5.1/143, Error ellipse: s-maj=3.7km s-min=3.2km az=36.7

IDC 04 15:35:52.6:1.2:7.33S:128.83E, h159km, 10km, mb4.7/33, mb1 4.7/34, mb1mx4.6/43, mbtmp5.1/34, MS3.7/6, MS1 3.7/6, ms1mx3.2/44, Error ellipse: s-maj=10.4km s-min=7.5km az=61.0

DJA 04 15:35:52.6:0.2, 8.9S:2.12E, h154km, 3km, M5.0/39, mb5.1/39, mb5.4/26, ML5.6/6, Mw(MwB)4.8/26

KLM 04 15:35:55.5:7.94S:128.49E, h172km, mb5.4

ISC 04 15:35:51.0:0.5:7.48S:0.03:128.77E:0.03, h156km, 4km, n461, s=1160/523, mb5.1/141, 23C-12D, Banda Sea

Code Station Name Az AZZ Phase ID Time Res ISC
SAUI Saumlaki 2.56 101 P Op Pn 15 36 35.8 +2.2
SAUI 2.56 101 eP Pn 15 37 08.1 +2.0
SAUI Saumlaki 2.56 101 ePn Pn 15 37 01.1 -5.1

Code	Name	Time	Rate	Class	Score	Rate	Class	Score	Rate	Class	Score	Rate	Class
PMG	Port Moresby	18.29	97cP	P	15 39 54.4	+0.7	GYA	GYA	comp=Z,80nm,1.0s	ScS	pmx	15 53 01.0	-0.9
PMG	Port Moresby	18.29	97	P	15 39 53.2	-0.5	GYA	GYA	comp=Z,140nm,6.2s	ScS	pmx	15 43 13.9	+0.7
PMG	Port Moresby	18.29	97	P	15 43 12.1	-2.8	WHN	Wuhan	comp=Z,140nm,6.2s	ScS	pmx	15 43 13.9	+0.7
KKM	Kota Kinabalu	18.37	317	P	15 39 52.5	-2.1	WHN	WHN	comp=Z,140nm,0.8s	ScS	pmx	15 43 13.4	-1.2
STKI	Sintang	18.80	293	P	15 40 00.7	-0.9	JNU	Nakatsue	40.43 3 P	ScS	pmx	15 43 13.1	-1.5
MANU	Manus Island	19.30	75	P	15 40 06.8	-0.6	JNU	Nakatsue	40.43 3 eP	ScS	pmx	15 43 14.1	-0.6
KPJI	Karang Pucung	19.67	269	P	15 40 07.7	-1.0	NJ2	Nanjing	40.43 347 eP	ScS	pmx	15 43 22.1	+1.2
CMJI	Cimerak	20.14	268	P	15 40 13.2	-0.5	NJ2	Nanjing	40.43 347 eP	ScS	pmx	15 43 22.1	+1.2
KSM	Kuching	20.45	295	↑P	15 40 18.2	+1.2	KMI	Kuning	41.14 323 P	ScS	pmx	15 43 58.1	+3.1
KSM	Kuching	20.45	295	↑P	15 40 17.0	0.0	KMI	Kuning	41.14 323 P	ScS	pmx	15 43 58.1	+3.1
CISI	Cisompot, Garu	20.77	268	P	15 40 19.5	-1.1	ENH	Enshi	41.85 335 eP	ScS	pmx	15 43 25.4	-0.9
CISI	Cisompot, Garu	20.77	268	eP	15 40 17.7	-2.8	TJN	Taejon	43.65 358deP	ScS	pmx	15 43 40.5	-0.1
CTA	Charters Tower	21.08	128	P	15 40 26.0	+2.3	MJAR	Matsushiro Arr	44.68 11 P	ScS	pmx	15 43 47.4	-1.5
CTAO	Charters Tower	21.08	128	eP	15 40 25.4	+1.7	MJAR	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.4	-1.5
CTAO	Charters Tower	21.08	128	eP	15 40 25.4	+1.7	MJAR	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.4	-1.5
CNJJ	Cibinong	21.46	269	P	15 40 26.9	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CBJJ	Citeko	21.78	271	P	15 40 27.9	-3.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
DBJJ	Dramaga	21.87	271	P	15 40 30.9	-1.3	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SKJJ	Sukabumi	22.04	270	P	15 40 34.9	+1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
TGY	Tagaytay City	22.81	340	P	15 40 41.1	-0.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PPBI	Pangkal Pinang	23.16	282	P	15 40 47.6	+3.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
FORS	Forrest	23.19	182	eP	15 40 46.2	+1.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
TPRI	Tanjung Pinang	25.58	288	P	15 41 08.6	+2.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
BBOO	Buckleboo	26.70	176	eP	15 41 12.1	+1.3	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
GUMO	Guam	26.34	37	eP	15 41 13.6	+0.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
GUMO	Guam	26.34	37	eP	15 41 13.6	+0.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
GUMO	Guam	26.34	37	eP	15 41 13.6	+0.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
MYKOM	Kota Tinggi	26.51	289	↑P	15 41 16.9	+2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
MYKOM	Kota Tinggi	26.51	289	↑P	15 41 14.9	+0.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
STKA	Stephens Creek	27.06	155	eP	15 41 21.1	+1.6	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
STKA	Stephens Creek	27.06	155	eP	15 41 20.4	+0.9	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SGM	Siwang	27.09	289	↑P	15 41 21.1	+1.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NWAO	Narrogin (SRO)	27.49	201	eP	15 41 24.8	+1.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NWAO	Narrogin (SRO)	27.49	201	eP	15 41 24.8	+1.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NWAO	Narrogin (SRO)	27.49	201	eP	15 41 24.8	+1.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NWAO	Narrogin (SRO)	27.49	201	eP	15 41 24.8	+1.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
EIDS	Eidsvold	27.75	132	eP	15 41 25.2	-0.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
KTGM	Kuala Trengganu	28.57	296	↑P	15 41 34.2	+1.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
IPM	Iloh	30.12	292	↑P	15 41 47.3	+0.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
IPM	Iloh	30.12	292	↑P	15 41 45.5	-1.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
KULM	Kulim	30.79	294	eP	15 41 51.7	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
ARMA	Armidale	31.30	140	eP	15 41 58.2	+1.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PSI	Prapat	31.48	288	P	15 41 58.0	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PSI	Prapat	31.48	288	P	15 41 58.0	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PSI	Prapat	31.48	288	P	15 41 58.0	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PSI	Prapat	31.48	288	P	15 41 58.0	-1.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
TPUB	Ta-pu	31.61	346	eP	15 41 57.6	-2.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SSLB	Suaglung	32.00	346	eP	15 42 00.5	-2.8	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NACB	Ninganchiao	32.23	348	eP	15 42 02.2	-3.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
YOJ	Yonaguni jima	32.24	350	eP	15 42 04.6	-0.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
YOJ	Yonaguni jima	32.24	350	eP	15 42 04.6	-0.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
YOJ	Yonaguni jima	32.24	350	eP	15 42 04.6	-0.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
GSI	Gunungsitoli	32.32	284	P	15 42 07.1	+0.9	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
GSI	Gunungsitoli	32.32	284	eP	15 42 03.7	-2.4	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
YHNB	Yeheng	32.76	348	eP	15 42 07.8	-2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
KCSI	Kotacane, Aceh	32.80	288	P	15 42 10.4	0.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CHBT	CHBT	33.08	307	P	15 42 15.2	+2.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
TPTI	Ta-pu	33.23	288	P	15 42 15.7	+1.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CAN	Canberra	33.35	149	eP	15 42 17.0	+2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CAN	Canberra	33.35	149	eP	15 42 17.0	+2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CAN	Canberra	33.35	149	eP	15 42 17.0	+2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CAN	Canberra	33.35	149	eP	15 42 17.0	+2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SRAK	Sraekaw	34.05	309	P	15 42 17.8	-3.3	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
LHMI	Lhok Sumawe	34.17	291	eP	15 42 21.9	-0.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
MLSI	Meulaboh, Aceh	34.34	289	P	15 42 21.6	-2.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SKNT	Sakolnakor	34.51	315	P	15 42 25.8	+0.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NAYO	Nakonayok	34.79	308	P	15 42 28.3	+0.8	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
KHON	Khomkaen	34.92	313	P	15 42 29.2	+0.6	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PHET	Kaeng Krachan	35.34	305	P	15 42 33.9	+1.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
NONG	Nongkai	35.84	315	P	15 42 36.9	+0.5	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PBKT	Sadao Pong	36.43	311	P	15 42 41.3	+0.3	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
SRDT	SRDT	36.55	306	P	15 42 43.1	+0.6	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CBJJ	Chichi jima	36.75	20	eP	15 42 41.8	-2.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
UTHA	Uthairat	36.98	308	P	15 42 46.2	0.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
LHI	Lord Howe Isla	37.01	134	eP	15 42 44.3	-2.0	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
PHRA	Phrae	38.20	313	P	15 42 58.1	+1.7	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
DZM	Mont Dzumac	39.08	116	eP	15 43 05.0	+1.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CM01	Chiang Mai Arr	39.08	312	eP	15 43 03.9	+0.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CM01	Chiang Mai Arr	39.08	312	eP	15 43 03.9	+0.1	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CM31	Chiang Mai Arr	39.12	312	eP	15 43 03.9	+0.2	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CM31	Chiang Mai Arr	39.12	312	eP	15 43 04.6	+0.6	MAJO	Matsushiro	44.68 11 P	ScS	pmx	15 43 47.5	-1.4
CMAR	Chiang Mai Arr	39.12	312	eP	15 43 04.6	+0.							

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4d 16h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Vishakhapatnam, Challavanipeta, Alma-Ata, Medved, Lenkeran, Azer, Kurty, Ar Rayn, Saty, Tapn, Baital, Podgornoye, Mingechevir, A, Nakhchivan, Sheki, Ganja, Zakatala, Lhasa, Makhachkala, Garni, Storzhevo, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Borovoye Array, Borovoye, Borovoye, Borovoye, Borovoye, Borovoye, Borovoye, Borovoye, Borovoye, Borovoye, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Ulan, Ulan, Ulan, Ulan, Ulan, Ulan, Ulan, Ulan, Ulan, Ulan, etc.

4d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSAR Korea Array, KSRS, KSAR Woniui Array, USRK Ussuriysk Arr, KLR Kul'dur, SONMO Songmo Array, SONMO Songmo Array, CMAR Chiang Mai Arr, WB2 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, AS31 Alice Springs, ASAR Alice Springs, MK32 Makanchi Array, MKAR Makanchi Array, ILAR Eielson Array, ILB Eielson Array, STKA Stephens Creek, GEYT Albeck, YKA Yellowknife Arr, KBZ Khabaz, LPAZ La Paz.

IDC 04 17:51:12.0-6.1, 26.69N, 142.05E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.3/49, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=358.6km s-min=35.5km az=82.0, 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, ASAR Alice Springs, MAN 04 17:51:26.8, 14N:125.72E, h41km, mb4.5, ML3.3, MS3.2, 2C, Mindanao, BIPH Bislig, BIPH Musuan, BUKP Butuan, DMPH Davao City-Mi, DMPH Mati, MATI MATI.

ISCJB 04 17:56:09.7-0.5, 23.31S, 179.6W, 0.1, h536km, mb3.9/11, Error ellipse: s-maj=12.2km s-min=5.3km az=5.5

IDC 04 17:56:10.3-1.7, 23.20S, 179.64W, h530km, 23km, mb3.5/11, mb1 3.7/13, mb1mx3.4/40, mbtmp4.4/13, Error ellipse: s-maj=24.3km s-min=14.1km az=153.0

ISC 04 17:56:10.2-0.6, 23.40S, 179.67W, 0.1, h536km, n45, s179/47, mb3.8/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Green Lake, GLKZ Green Lake, AF1 Afiamau, HAZ Te Kaha, HAZ Te Kaha, PKGZ Pakihoro, PKGZ Pakihoro, RUGZ Raukumara Rang, PUZ Puketiti, TWGZ Tauwhareparea, TWGZ Tauwhareparea, URZ Urewera, URZ Matawai, MWZ Matawai, MWZ Matawai, MTHZ Maunataniwha, MTHZ Maunataniwha, TUZV Tukino, TUZV Tukino, TUZV Turao, TUZV Turao, PKVZ Pokaka, BHHZ Black Hill Sta, BHHZ Black Hill Sta, KRHZ Kereru, KRHZ Kereru, PHNZ Pukenui, PHNZ Pukenui, TSZ Takapari Road, TSZ Takapari Road, DVHZ Dannevirke, MRZ Mangatainoka, MRZ Mangatainoka, MRZ Mangatainoka, RPZ Rata Peaks, PKM Port Moresby, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array, NVAR Seymchan, SEAR Chiang Mai Arr, TXAR Lajitas Arr, ILAR Eielson Array, PDAR Pinedale Array.

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comp=Z, 0.4nm, 0.7s, baz=200, slow=3.9, SNR=3.6 ARCES ARCES Array B 131.48, 49, PKP PKPdf 18 14 21.2 +0.1 comp=Z, 2.4nm, 0.9s, baz=90, slow=2.7, SNR=3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 04 17:57:56.2, 1.3, 26.190N, 143.98E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/62, mbtmp3.6/7, ML3.8/1, Error ellipse: s-maj=36.4km s-min=25.5km az=84.0, ISCJB 04 17:57:59.0, 1.2, 26.19N, 0.2, 144.0E, 0.3, h33km, mb3.4/7, Error ellipse: s-maj=32.1km s-min=22.4km az=177.0, IDC 04 17:58:01.5, 1.2, 27.0N, 0.2, 143.8E, 0.2, h35km, n8, s194/80, mb3.5/7, Bonin Islands region, MJAR Matsushiro Arr, KLR Kul'dur, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Arr.

IDC 04 18:00:47.8, 7.3, 10.19N, 91.62E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.1/50, mbtmp3.3/3, Error ellipse: s-maj=365.9km s-min=30.9km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0ES3 Diego Garcia H, H0ES2 Diego Garcia H, H0ES1 Diego Garcia H, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

NIED 04 18:02:00.38, 10N, 141.80E, h53km, Mw3.7 Best double couple: M4.190000, 1014 NP1, s171.000000, s31.000000, s44.000000, NP2, s41.000000, s69.000000, s113.000000, JMA 04 18:02:56.5, 0.1, 38.12N, 141.84E, h50km, 1km, M3.9 JMA Felt J1, IDC 04 18:02:57.4, 2.9, 38.10N, 141.83E, h56km, 26km, mb3.3/9, mb1 3.5/12, mb1mx3.3/51, mbtmp3.5/12, ML3.1/3, Error ellipse: s-maj=24.7km s-min=16.8km az=108.0

ISC 04 18:02:54.3, 1.7, 38.05N, 0.05, 141.97E, 0.07, h27km, 12km, n34, s198/40, mb3.6/9, Near east coast of eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, JMM Marumori, JYF Ofunato, JYF Ichinoseki, JMK JMK, JJK Okura, JJK Kawachi, JFT JFT, JFT Otama, JFT Ohasama, JYS Shirataka, JYS JYS, JYK Kaneyama, JYK Kaneyama, JRG Rokugo, JRG Rokugo, JYF Atsumi, JYF Yanaizu, JYF JYF, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro Arr, ASAJ Asahikawa, ASAJ Ussuriysk Arr, KSRS Korea Array, SEY Seymchan, H1N2 WAKE ISLAND Hy 28.31 123 T, H1N1 WAKE ISLAND Hy 28.12 123 T, H1N3 WAKE ISLAND Hy 28.16 123 T, H1S1 WAKE ISLAND Hy 29.06 125 T, H1S3 WAKE ISLAND Hy 29.06 125 T, H1S2 WAKE ISLAND Hy 29.06 125 T, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, PDAR Pinedale Array, TXAR Lajitas Arr, LPAZ La Paz.

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Error ellipse: s-maj=15.5km s-min=11.1km az=46.0 ISC 04 18:04:51.9, 0.4, 15.75S, 174.48W, 0.07, h35km, n224, s138/175, mb4.9/87, MS4.7/34, KR-4D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AF1 Afiamau, MSVF Nonavau, MSVF Nonavau, RAO Raoul Island, RAR Rarotonga, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ Urewera, PAZE Port Moresby, PPT Papeete, PPT2 Papeete, TIAR Tiare, TVO Taravao, TBI Tubuai, TBI Tubuai, TBI Tubuai, TBI Tubuai, PMOR Pomarioro Ree, PMOR Pomarioro Ree, HNR Honiara, VAH Vaitoa, VAH Vaitoa, VAH Vaitoa, TAOE Nuku Hiva Island, CTAO Charters Tower, CTAO Charters Tower, RKT Rikitea, RKT Rikitea, RKT Rikitea, PMG Port Moresby, PMG Port Moresby, H1S2 WAKE ISLAND Hy 38.66 331 T, H1S3 WAKE ISLAND Hy 38.67 331 T, H1S1 WAKE ISLAND Hy 38.68 331 T, H1N3 WAKE ISLAND Hy 39.63 332 T, H1N1 WAKE ISLAND Hy 39.64 332 T, H1N2 WAKE ISLAND Hy 39.65 332 T, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, WB2 Warramunga Arr, WB1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS01 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SWI Sorong, SWI Fitzroy Crossi, SOE1 Soe, VVDA Vanda, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MYLDM Lahad Datu, PETK Petropavlovsk, PETK Petropavlovsk, PE1A Petropavlovsk, KMRM Mail Ridge, CMB Columbia Colita, CMB Columbia Colita, AFDM Forest Hills D, ORV Orville, ORV Orville, MDPB Devils Postpil, QSPA South Pole Qui, YBH Yreka Blue Hor, DAC Darwin (Calif), DAC Darwin (Calif), WAKR Walker, WAKR Beckworth, PNTR Pine Nut, YERR Yerington, RYN Ryan, NV01 Mina Array Sit.

4d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAA1, KASHI, IM3, ILAR, GERES, etc.

ISC 04 18:31:04.9-1.7, 37:00N:144.16E, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.4/46, mbtrp3.5/5, ML3 6/2, Error ellipse: s-maj=41.7km s-min=2.4km az=66.0

ISCJB 04 18:31:08.4-0.8, 37:01N:0:05:144.07E:0.06, h33km, mb3.5/3, Error ellipse: s-maj=7.7km s-min=6.5km az=147.2

JMA 04 18:31:10.3-0.2, 37:02N:143.96E, h54km, ML3.6

ISC 04 18:31:09.3-1.3, 37:03N:0:06:144.14E:0.09, h35km, n26, a156/28, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK, JIO, JOM, JMY, JAG, etc.

MOS 04 18:38:25.8-1.1, 49:19N:156:40E, h18km, mb4.2/1, Error ellipse: s-maj=32.4km s-min=6.6km az=80.2

KRSC 04 18:38:26.3-2.2, 49:30N:156:93E, h14km, mb3.7km, ML3.9, Kuril Islands

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

UCR 04 18:42:25.4-1.0, 13:29N:91:19W, h93km, 193km, ML3.6, mb4.5(NEIC)

ISC 04 18:42:31.1-3.8, 13:46N:90:62W, h49km, 31km, mb4.0/11, mb1 4.2/13, mb1mx3.9/43, mbtp4.2/13, ML4.1/2, Error ellipse: s-maj=41.0km s-min=19.4km az=31.0

NEIC 04 18:42:34.6-1.2, 13:46N:90:54W, h81km, 9km, mb4.5/23, Error ellipse: s-maj=17.3km s-min=6.6km az=213.0

ISC 04 18:42:28.5-0.9, 13:11N:0:1:90.88W:0.07, h38km, n159, a179/158, mb4.4/30, Near coast of Guatemala

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

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IXG, SBL, SNET, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H40A, H37A, H36A, etc.

ISC 04 18:50:10.7-1.8, 12:92N:95:61E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.4/39, mbtrp3.5/6, ML3.4/1, Error ellipse: s-maj=70.9km s-min=21.5km az=65.0

ISCJB 04 18:50:11.2-1.1, 12:90N:0:1:95:6E:0.1, h18km, mb3.6/5, Error ellipse: s-maj=18.6km s-min=12.3km az=153.7

ISC 04 18:50:13.1-1.5, 12:9N:0:1:95:5E:0.2, h18km, n10, a150/10, mb3.6/5, Andaman Islands region

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

0.3nm, 0.8s, baz=308, slow=4.5, SNR=2.6

IDC 04 18:54:09.2, 0.5, 15.24Sx174.59W, h10km, mb4.1/10, mb1 4.3/10, mb1mx4.1/37, mb1mp4.1/10, MS4.4/13, Ms1 4.4/13, ms1mx4.2/29, Error ellipse: s-maj=40.6km s-min=17.4km az=143.0

GCMT 04 18:54:11.3, 0.5, 15.18Sx174.33W, h17km, 1km, MW5.1/94, Moment Tensor Solution. s32, c43, s94, c132. Duration: 0 Moment tensor: Scale 10^16Nm; M1=0.30; 20; M2=0.10; 20; M3=0.20; 16; M4=0.10; 47; M5=0.62; 16; M6=1.54; 46; Best double couple: M5.83100x10^16 NP1=0.00000, 0.88, 0.00000, -1.165, 0.00000. NP2: 0.270, 0.00000, 0.875, 0.00000, -1.2, 0.00000. Principal axes: T 5.9410, Plg9.0000, Azm134.0000; N -0.2190, Plg74.0000, Azm7.0000; P -5.7210, Plg12.0000, Azm226.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 18:54:11.3, 0.5, 15.14Sx174.66W, h10km, mb5.0/4 Error ellipse: s-maj=30.8km s-min=10.0km az=150.0 ISCJB 04 18:54:13.1, 0.5, 15.2S:0.1x174.7W:0.1, h33km, mb4.2/15, MS4.5/10, Error ellipse: s-maj=23.8km s-min=9.4km az=146.7

ISC 04 18:54:14.8, 0.7, 15.2S:0.2x174.6W:0.1, h35km, n54, c132/24, mb4.1/15, MS4.4/10, Tonga Islands

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

IDC 04 18:56:46.8, 0.5, 10.59Sx166.54E, h0km, mb4.6/17, mb1 4.7/17, mb1mx4.5/35, mb1mp4.5/17, MS4.6/13, Ms1 4.6/13, ms1mx4.2/30, Error ellipse: s-maj=20.8km s-min=15.3km az=104.0

ISCJB 04 18:56:54.5, 1.4, 10.65S:0.05x166.33E:0.03, h62km, 12km, mb5.1/28, Error ellipse: s-maj=8.2km s-min=5.6km az=7.5 MOS 04 18:56:56.7, 0.9, 10.59Sx166.36E, h81km, mb5.0/30, Error ellipse: s-maj=10.1km s-min=8.6km az=175.5

GCMT 04 18:56:57.3, 0.1, 10.49Sx166.48E, h12km, MW5.2/110, Moment Tensor Solution. s78, c109, s110, c132. Duration: 140 Moment tensor: Scale 10^17Nm; M1=0.82; 01; M2=0.05; 02; M3=0.80; 01; M4=0.01; 04; M5=0.38; 01; M6=0.05; 04; Best double couple: M1.0, 91.00000x10^17 NP1=0.160, 0.00000, 0.846, 0.00000, -1.87, 0.00000. NP2=0.335, 0.00000, 0.644, 0.00000, -1.93, 0.00000. Principal axes: T 0.9600, Plg1.0000, Azm247.0000; N -0.1010, Plg2.0000, Azm333.0000; P -0.8590, Plg87.0000, Azm125.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 18:56:57.3, 0.9, 10.67S:166.38E, h76km, 8km, mb5.2/93 Error ellipse: s-maj=5.8km s-min=4.7km az=160.0 BUJ 04 18:57:00.8, 1.0, 18S:166.31E, h102km, mb4.8/54, mb5.3/38

ISC 04 18:56:58.5, 1.0, 10.69S:0.07x166.51E:0.06, h90km, 8km, n290, c145/299, mb5.1/129, 11C-2D, Santa Cruz Islands

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

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

4d 19h

Table with columns: CMB, Columbia Colle, 83.54, 49, eP, P, 19 09 17.6 +0.7, etc. Lists various stations and their coordinates.

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Table with columns: WMQ, comp=Z, 190nm, 23.9s, LR, LR, 89.50, 46, P, 19 09 47.3 +1.2, etc. Lists stations and their coordinates.

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Table with columns: BUR04, Bucovina Ar. S, 130.89, 326, ePKPdf, PKPdf, 19 16 02.2 +2.5, etc. Lists stations and their coordinates.

ISCJB 04 19:03:52.0 7.2 0.04N:0.04-96.61E:0.05, h44km, 5km, mb4.5/19, Error ellipse: s-maj=8.5km s-min=5.6km

DJA 04 19:03:52.0 4.0 2.2 N:3.9 7E:1, h28km, 6km, M4.4/10, mb4.5/1, MLV4.4/10

NEIC 04 19:03:55.1 1.0 2.12N:96.74E, h46km, 8km, mb4.7/10, Error ellipse: s-maj=13.0km s-min=4.7km az=64.0

IDC 04 19:03:55.8 4.0 2.18N:96.79E, h47km, 35km, mb4.1/11, mb1.4, 2/13, ms1mx3.9/46, mbtmp4.3/13, ML3.8/2, MS3.6/1, Ms1.3/6.1, ms1mx3.0/42, Error ellipse: s-maj=37.1km s-min=13.5km az=63.0

ISC 04 19:03:52.9 1.2 2.02N:0.05-96.63E:0.06, h31km, 8km, n65, az=96.66, mb4.5/19, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, h, m, s, ISC, Res. Lists station codes and their details.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Vanda, Beijing, Guiyang, Xi'an, Magadan, Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Daman, Hualapai Mount, Wickenburg, Beach Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for Veniaminof 6, Sand Point, Veniaminof 1, etc.

ISCJB 04 19:55:21.4±0.9, 32°04S±0.10x138°90E±0.08, h10km, Error ellipse: s-maj=14.1km s-min=8.8km az=13.0

4d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MCHZ McNeill Hill, FVWZ Far West T-bar, and many others.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SYO Syowa Base, YBH Yreka Blue Hor, and many others.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MK32 Makanchi Array, MK33 Makanchi Array, and many others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Berggiesshubel, Panska Ves, Humele, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Vitosha, Molin, SOKA, FETA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JMA 04:20:24:15.4, JIO, etc.

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

ISCJB 04:20:59:07.0.6.40.19N.0.02:25.43E.0.04.h1km,5km, Error ellipse: s-maj=4.7km s-min=4.0km az=166.7

CSEM 04:20:59:07.0.1.40.19N:25.44E,h13km,ML1.4, Error ellipse: s-maj=0.8km s-min=0.3km az=77.0

ATH 04:20:59:07.3.40.19N:25.42E,h18km,5km,ML1.4/6, Error ellipse: s-maj=5.0km s-min=0.9km az=166.0

DDA 04:20:59:07.4.0.9.40.19N:0.02:25.45E:0.03,h17km,7km, n26,0939/51, Aegean Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SMTH Samothraki Isl, BOZC Bozcaada, etc.

ISCJB 04:20:59:47.1.0.5.62:69S:0.08:158:4W:0.2,h10km, mb4.7/17,MS4.5/11, Error ellipse: s-maj=12.1km

IDC 04:20:59:47.4.0.6.62:70S:158:26W,h0km,mb4.3/7, mb1.4/5.8,mb1mx4.3/22,mbtmp4.3/8,ML4.0/1,MS4.5/12, Ms1=1/4.2,ms1mx4.5/14, Error ellipse: s-maj=32.9km

NEIC 04:20:59:49.0.0.3.62:72S:158:38W,h10km,mb4.9/11, Error ellipse: s-maj=12.5km s-min=10.1km az=210.0

GCMT 04:20:59:49.0.0.1.63:01S:158:18W,h12km,MMV5.4/109, Moment Tensor Solution: s93;c139; s109;c179;

Duration: 1/2 Moment Tensor: Scale 10^17Nm; Mm-0.21z:02; Mm1.43z:02; Mm2-1.22z:02; Mm-0.43z:05; Mm0.44z:02; Mm0.23z:04; Best double couple: Mm1.47900x10^17 Np1z:04; 25.00000; 389.00000; 1-2.000000; NP2z:0.216.00000; 870.00000;

1-178.000000; Principal axes: T 1.5870, P1g13.00000; Azm172.00000; N -0.2120, P1g70.00000; Azm300.00000; P -1.3710, P1g15.00000; Azm79.00000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s.

ISC 04:20:59:48.2.0.5.62:47S:0.08:158:20W:0.09,h10km,n68, #184/49,mb4.7/17,MS4.6/11, Pacific-Antarctic Ridge

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SNAW Sanae, TVO Taravao, etc.

PPT2 Papeete2 45.23 12 eS S 21 14 39.8 -5.6

PPT2 Papeete2 45.23 12 eL LR 21 20 17.3

PPT2 Papeete2 45.23 12 eL LR 21 21 10.6

PPT2 Papeete2 45.23 12 eL LR 21 22 14.6

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

PPT2 Papeete2 45.23 12 eL LR 21 26 40.8

X37A	Clayton baz=167,SNR=5.2	82.15 344	P	P	01 06 56.9 +3.7	R47A	Wooly Knot Far baz=173,SNR=7.8	84.50 352	P	P	01 07 07.8 +2.7	P35A	Duane Minner, baz=166,SNR=5.4	87.06 345	P	P	01 07 21.0 +3.2
W42A	Bald Knob baz=169	82.16 347	P	P	01 06 56.5 +3.4	R46A	Gibson Southern baz=172	84.53 351	P	P	01 07 07.9 +2.6	N46A	Monticello baz=173	87.10 352	P	P	01 07 21.4 +3.5
W41B	Gary Mavity, V baz=169,SNR=7.0	82.17 347	P	P	01 06 56.8 +3.6	T37A	Cheneyville 18 baz=167,SNR=12	84.53 345	P	P	01 07 07.8 +2.5	CBKS	Cedar Bluff baz=164	87.12 342	P	P	01 07 21.9 +3.7
V45A	Humboldt baz=171	82.25 349	P	P	01 06 56.9 +3.3	R48A	Northridge Ran baz=169,SNR=13	84.55 352	P	P	01 07 08.1 +2.8	CBKS	Cedar Bluff comp=Z,45nm,1.1s	87.12 342	eP	pmax	01 07 16.6 -1.6
X301	Greenbrier Sit comp=Z,21nm,0.9s	82.26 347	eP	P	01 06 52.5 -1.2	S40A	Lebanon baz=169,SNR=13	84.58 347	P	P	01 07 09.0 +3.4	CBKS	Cedar Bluff comp=Z,45nm,1.1s	87.12 342	eP	P	01 07 16.6 -1.6
X35A	Drake baz=166,SNR=7.5	82.29 343	P	P	01 06 57.0 +3.1	T35A	Sooner Cattle baz=166,SNR=11	84.63 344	P	P	01 07 09.3 +3.4	N45A	Kentland baz=172	87.13 351	P	P	01 07 21.2 +3.1
WHAR	Wooly Hollow comp=Z,26nm,1.0s	82.29 347	eP	P	01 06 51.3 -2.5	X32A	Walter Ranch, baz=164	84.63 342	P	P	01 07 09.4 +3.6	N44A	Piper City baz=172	87.15 351	P	P	01 07 21.3 +3.1
W40A	Ferguson Farm, baz=168,SNR=5.8	82.32 346	P	P	01 06 57.8 +3.8	LPM	Los Pinos Moun Boggs Farm, C baz=169,SNR=10.0	84.64 344	P	P	01 07 09.3 +3.5	O39A	Kirksville baz=169,SNR=6.4	87.20 347	P	P	01 07 21.9 +3.4
W40A	Ferguson Farm, comp=Z,64nm,1.4s	82.32 346	eP	P	01 06 51.4 -2.6	R45A	Skyler, Fairfi baz=172,SNR=5.5	84.69 350	P	P	01 07 09.2 +3.1	O38A	Gall baz=168	87.20 347	P	P	01 07 22.0 +3.5
X36A	Centrahoma baz=171	82.33 343	P	P	01 06 57.4 +3.3	R44A	Waltonville baz=171	84.74 350	P	P	01 07 09.6 +3.3	WUAZ	Wupatki baz=156	87.22 332	P	P	01 07 21.3 +2.4
W39A	Magazine baz=168,SNR=7.8	82.45 345	P	P	01 06 58.4 +3.8	S39A	Bolivar baz=168,SNR=7.1	84.81 346	P	P	01 07 10.0 +3.3	P34A	Walnut Farm, R baz=166,SNR=5.7	87.23 344	P	P	01 07 22.6 +3.9
W38A	Poteau baz=167,SNR=8.5	82.46 345	P	P	01 06 58.3 +3.6	CCM	Cathedral Cave baz=169	84.84 348	P	P	01 07 10.3 +3.4	M54A	Oil Creek Stat baz=178	87.25 357	P	P	01 07 22.1 +3.4
V44A	Blytheville baz=170	82.47 349	P	P	01 06 58.1 +3.4	CCM	Cathedral Cave comp=Z,58nm,0.8s	84.84 348	eP	pmax	01 07 04.5 -2.4	XPFO	Piason Flat comp=Z,9.7nm,1.0s	87.29 327	eP	P	01 07 16.7 -2.5
WVT	Waverly baz=170	82.50 350	P	P	01 06 57.9 +3.0	CCM	Cathedral Cave comp=Z,58nm,0.8s	84.84 348	eP	P	01 07 04.5 -2.4	IRM	Iron Mountain baz=154	87.29 328	P	P	01 07 23.4 +4.3
V43A	Jonesboro baz=170	82.51 348	P	P	01 06 58.5 +3.5	S38A	Stockton baz=168,SNR=11	84.84 346	P	P	01 07 10.1 +3.2	PFO	Pinyon Flats O	87.29 327	P	P	01 07 22.7 +3.4
V42A	Cord baz=169	82.66 348	P	P	01 06 58.9 +3.2	LAZ	Ladron baz=168,SNR=11	84.86 335	eP	P	01 07 10.3 +3.2	PFO	Pinyon Flats O	87.29 327	eP	pmax	01 07 16.4 -2.8
W37B	Quinton baz=166	82.70 344	P	P	01 06 59.3 +3.3	T34A	McClaskey Farm baz=165,SNR=9.8	84.86 343	P	P	01 07 10.7 +3.7	PFO	Pinyon Flats O	87.29 327	eP	P	01 07 16.4 -2.8
319A	Douglas comp=Z,17nm,0.9s	82.73 332	eP	P	01 06 54.7 -1.7	R43A	Red Bud baz=170,SNR=8.1	84.88 349	P	P	01 07 10.5 +3.4	O37A	Wolfen Farm, M baz=168,SNR=5.2	87.36 346	P	P	01 07 22.2 +3.0
U48A	Cassie Pea, Po baz=173	82.74 352	P	P	01 06 59.2 +3.0	R42A	Luebbing baz=170,SNR=5.4	85.00 348	P	P	01 07 11.0 +3.4	N41A	Harden Midland baz=170	87.39 349	P	P	01 07 22.7 +3.3
U47A	Clarksville baz=172,SNR=7.1	82.75 351	P	P	01 06 59.4 +3.2	R41A	Rosebud baz=169,SNR=9.1	85.10 348	P	P	01 07 11.4 +3.3	N42A	Yates City baz=170	87.41 349	P	P	01 07 22.5 +3.1
V41A	Mountainview baz=169,SNR=11	82.75 347	P	P	01 06 59.7 +3.4	OLIL	Olney comp=Z,33nm,1.3s	85.11 351	eP	P	01 07 06.9 -1.2	N43A	Stutzman Famil baz=171	87.41 350	P	P	01 07 22.8 +3.3
U46A	Springville baz=172	82.77 350	P	P	01 06 59.6 +3.3	Q47A	Bedord North L baz=173	85.13 352	P	P	01 07 11.5 +3.3	O36A	Bolckow baz=169	87.46 346	P	P	01 07 22.9 +3.2
GLAT	Glass comp=Z,144nm,1.0s	82.82 349	eP	P	01 06 54.2 -2.4	S37A	Fort Scott baz=167	85.13 345	P	P	01 07 11.5 +3.2	BELC	Belle Mtn. Jos baz=153	87.47 328	P	P	01 07 23.5 +3.4
U45A	Rookin P Farm, baz=171	82.83 350	P	P	01 06 59.9 +3.3	ANMO	Albuquerque comp=Z,0.8s,slow=9.9,SNR=5.5	85.17 335	eP	pmax	01 07 06.9 -2.0	SDCO	Great Sand Dun baz=165	87.52 337	P	P	01 07 24.6 +4.1
W36A	Wetumka baz=166	82.85 343	P	P	01 07 00.1 +3.3	ANMO	Albuquerque baz=159	85.17 335	eP	P	01 07 11.9 +3.0	MURC	Murrieta baz=153	87.56 327	P	P	01 07 24.3 +3.9
V40A	Witts Springs baz=168,SNR=7.0	82.88 346	P	P	01 06 59.9 +2.9	ANMO	Albuquerque comp=Z,2.0nm,1.0s	85.17 335	eP	pmax	01 07 06.0 -2.9	N40A	Mertquake, Sal baz=169,SNR=5.6	87.67 348	P	P	01 07 24.0 +3.3
U44B	Burton Farm, H baz=171,SNR=6.8	82.89 349	P	P	01 07 00.5 +3.6	ANMO	Albuquerque comp=Z,10nm,1.0s	85.17 335	eP	P	01 07 07.1 -1.8	M44A	Midew, Midew baz=172	87.72 351	P	P	01 07 24.3 +3.3
BLA	Blacksburg comp=Z,39nm,1.4s	82.99 357	eP	pmax	01 06 56.5 -1.0	R40A	Maddies Statio baz=169,SNR=5.8	85.23 347	P	P	01 07 12.0 +3.2	O35A	Humboldt baz=166	87.76 345	P	P	01 07 24.3 +3.2
BLA	Blacksburg comp=Z,39nm,1.4s	82.99 357	eP	P	01 06 56.5 -1.0	S36A	Lake Cedric, C baz=166,SNR=8.3	85.23 345	P	P	01 07 12.0 +3.2	N39A	Derby Farms, D baz=169,SNR=5.0	87.80 348	P	P	01 07 24.5 +3.2
W35A	Tecumseh baz=166,SNR=5.3	82.99 343	P	P	01 07 00.9 +3.4	Q45A	Warren Harvey, baz=172,SNR=6.5	85.27 351	P	P	01 07 11.9 +2.9	N38A	Joes South For baz=168,SNR=5.3	87.82 347	P	P	01 07 24.7 +3.2
W35A	Tecumseh comp=Z,124nm,1.9s	82.99 343	eP	P	01 06 56.6 -0.9	Q46A	CEJHS Indians, baz=172	85.31 351	P	P	01 07 12.3 +3.1	O34A	Beatrice comp=Z,SNR=7.4	87.82 344	P	P	01 07 24.8 +3.3
WMOK	Wichita Mounta baz=164,SNR=12	83.00 341	P	P	01 07 00.8 +3.2	S35A	Otter Creek Ra baz=166,SNR=10	85.33 344	P	P	01 07 12.6 +3.2	M43A	Waltham Townsh baz=171	87.87 350	P	P	01 07 25.2 +3.5
WMOK	Wichita Mounta baz=169,SNR=9.5	83.00 341	eP	P	01 06 54.8 -2.8	R39A	Chumby, Stover baz=169,SNR=5.5	85.37 347	P	P	01 07 13.0 +3.5	MVCO	Mesa Verde baz=167	87.88 335	P	P	01 07 25.4 +3.3
WMOK	Wichita Mounta baz=169,SNR=9.5	83.05 346	P	P	01 06 54.8 -2.8	BLO	Blooming baz=169,SNR=5.5	85.37 352	eP	pmax	01 07 08.0 -1.5	S22A	4UR Ranch, Cre baz=159	87.89 336	P	P	01 07 25.6 +3.3
V39A	Pettigrew baz=168,SNR=9.5	83.07 348	P	P	01 07 01.2 +3.4	BLO	Blooming comp=Z,43nm,0.9s	85.37 352	eP	pmax	01 07 08.0 -1.5	S22A	4UR Ranch, Cre baz=159	87.89 336	eP	P	01 07 19.9 -2.3
U43A	Rector baz=170	83.07 348	P	P	01 07 01.1 +3.1	Q40A	Meyer Farm, V baz=171	85.38 350	P	P	01 07 13.1 +3.6	O33A	Hebron baz=165	87.89 344	P	P	01 07 25.4 +3.5
U44A	Portageville baz=170	83.10 349	P	P	01 07 01.2 +2.9	R38A	Fenwick Farm, baz=168,SNR=8.3	85.39 346	P	P	01 07 12.7 +3.1	N37A	Lee Faris, Mou baz=168	87.95 346	P	P	01 07 25.5 +3.5
U42A	Reverden baz=169,SNR=7.3	83.17 348	P	P	01 07 01.2 +2.9	Q43A	New Douglas baz=170	85.40 349	P	P	01 07 13.8 +3.6	KSCO	Kaye Shedlock' baz=168	87.98 340	P	P	01 07 26.2 +3.8
V38A	Canehill baz=167,SNR=6.3	83.21 345	P	P	01 07 02.0 +3.4	Q42A	Willow Spring baz=170	85.50 349	P	P	01 07 13.5 +3.3	M42A	Sheffield baz=170	87.99 350	P	P	01 07 25.7 +3.6
MSTX	Muleshoe baz=167,SNR=8.3	83.23 338	P	P	01 07 02.1 +3.2	S34A	Golden Eagle baz=170	85.58 343	P	P	01 07 14.0 +3.5	M41A	Milan baz=170,SNR=5.4	88.01 349	P	P	01 07 25.5 +3.2
MSTX	Muleshoe comp=Z,22nm,0.9s	83.23 338	eP	P	01 06 56.9 -2.0	Q40A	Golden Eagle baz=170	85.58 343	P	P	01 07 14.0 +3.5	GMRC	Granite Mounta baz=154	88.04 328	P	P	01 07 26.0 +3.1
U41A	Viola baz=169,SNR=6.2	83.27 347	P	P	01 07 02.1 +3.2	P47A	Martinsville baz=173,SNR=5.2	85.66 352	P	P	01 07 13.9 +3.0	N36A	Muff Farm, Cla baz=167	88.13 346	P	P	01 07 26.5 +3.6
T47A	Sharon Grove baz=172,SNR=6.0	83.27 351	P	P	01 07 01.8 +2.9	Q41A	Truon baz=170,SNR=9.3	85.72 348	P	P	01 07 14.8 +3.6	M40A	Post Highland baz=169	88.17 348	P	P	01 07 26.3 +3.3
T48A	Bowling Green baz=173	83.32 352	P	P	01 07 02.0 +2.9	R36A	Gordon, Harris baz=167	85.80 345	P	P	01 07 14.8 +3.2	N35A	Tabor baz=166	88.29 345	P	P	01 07 27.2 +3.5
121A	Cookes Peak, D baz=158	83.32 333	P	P	01 07 02.1 +2.6	P45A	Graceland, Par baz=172,SNR=5.0	85.85 351	P	P	01 07 14.6 +2.8	BFSC	Mount Baldy Ra baz=152	88.31 327	P	P	01 07 27.8 +3.7
V37A	Hulbert baz=167,SNR=7.2	83.36 345	P	P	01 07 02.9 +3.5	X18A	Snowflake comp=Z,50nm,1.9s	85.85 333	eP	P	01 07 10.8 -1.5	HEC	Hector,Ludlow baz=153	88.33 328	P	P	01 07 27.8 +3.7
OK021	N3530 Ranch, Sp comp=Z,31nm,1.0s	83.40 343	eP	P	01 06 57.0 -2.6	P46A	Rosedale baz=172	85.88 351	P	P	01 07 15.2 +3.2	M39A	Webster baz=169,SNR=6.8	88.33 348	P	P	01 07 27.5 +3.6
JSRW	J. Sargeant Re T46A Princeton baz=172,SNR=6.7	83.40 359	eP	P	01 06 59.2 -0.3	Q40A	Laux Farm, Aux baz=169,SNR=12	85.89 348	P	P	01 07 15.3 +3.3	N34A	Lincoln baz=166,SNR=6.3	88.42 345	P	P	01 07 27.7 +3.4
V36A	Jenks baz=166,SNR=10	83.42 344	P	P	01 07 03.0 +3.3	P44A	Sand Creek, Wi baz=171	85.89 350	P	P	01 07 15.4 +3.3	M38A	Pleasantville baz=169,SNR=9.2	88.43 347	P	P	01 07 27.8 +3.5
V36A	Jenks comp=Z,64nm,0.9s	83.42 344	eP	P	01 06 56.9 -2.8	R35A	Emporia Munic baz=166	85.93 344	P	P	01 07 16.0 +3.7	L44A	Lake County Fo baz=172	88.49 351	P	P	01 07 28.1 +3.5
U40A	Yellville baz=168,SNR=9.3	83.43 346	P	P	01 07 03.2 +3.4	Q39A	Willow Grove F baz=168,SNR=8.3	86.07 347	P	P	01 07 16.5 +3.5	L42A	Oliver, Polo baz=171	88.52 350	P	P	01 07 28.2 +3.5
PBMO	Poplar Bluff comp=Z,26nm,1.0s	83.47 348	eP	P	01 06 59.2 -0.8	Q38A	Cove Store, C baz=168,SNR=7.6	86.09 346	P	P	01 07 16.4 +3.4	M37A	Trindle Farm, baz=168	88.55 347	P	P	01 07 28.4 +3.5
T45A	Paducah baz=171	83.48 350	P	P	01 07 02.9 +2.9	R34A	Isabella, Hill baz=165,SNR=8.9	86.11 343	P	P	01 07 16.7 +3.5	Q24A	Divide baz=160	88.57 338	eP	P	01 07 29.4 +3.9
TUL1	Leonard baz=166,SNR=7.8	83.51 344	P	P	01 07 03.6 +3.5	Q37A	Longview Farm, baz=167	86.15 346	P	P	01 07 16.5 +3.1	Q24A	Divide comp=Z,14nm,1.0s	88.57 338	eP	P	01 07 28.6 -1.9
TUL1	Leonard comp=Z,49nm,0.9s	83.51 344	eP	P	01 06 57.9 -2.3	P43A	Skaggs, Pawnee baz=171	86.17 350	P	P	01 07 16.6 +3.1	L43A	Garden Prairie, baz=171	88.59 351	P	P	01 07 28.2 +3.2
HHAR	Hobbs comp=Z,27nm,1.3s	83.54 346	eP	P	01 06 59.0 -1.3	GLA	Glamis baz=154	86.19 328	P	P	01 07 15.5 +1.8	L41A	Preston baz=170,SNR=5.3	88.69 349	P	P	01 07 29.2 +3.7
U39A	Green Forest baz=168,SNR=9.4	83.56 346	P	P	01 07 03.7 +3.3	P42A	Winchester baz=170,SNR=5.6	86.22 349	P								

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JWFS Jewell Farm, JWFS Jewell Farm, JWFS Jewell Farm, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like C39A Grand Marais, C38A Sawbill Land, D33A AnnSam, Waubun, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KURBB Kurchatov Arra, NVS Novosibirsk, CN2 Changchun, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like AFI Afiamalu, AFI Afiamalu, URZ Urewera, etc.

ISC 05 00:55:31.7, 1.4, 16.035, 174.89W, h235km, 17km, mb3.5/m, mbl 3.77, mb1mk3.3/43, mbmp4.1/7, Error ellipse: s-maj=20.9km s-min=17.4km az=136.0, Tonga Islands

ISC 05 00:55:51.1, 39.05N, 43.71E, h3km, MD2.7, ISC/B 05 00:55:52.8, 0.7, 39.08N, 0.04, 43.72E, 0.04, h5km, 12km, Error ellipse: s-maj=7.2km s-min=5.0km az=147.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like VMUR Van-Muradiye, VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

5d 1h

2012 JAN

STKA	comp=Z,600nm,18.0s Stephens Creek comp=Z,4.7nm,1.1s	42.95 242	eP	P	01 21 34.6	-0.5
STKA	LR					
ARPS	comp=Z,600nm,18.0s Mount Arapiles baz=44	43.62 235	P	P	01 21 41.7	+1.2
BBOO	Buckleboo comp=Z,33nm,1.1s	47.71 242	eP	P	01 22 12.5	-0.3
BBOO	LR					
WR0	comp=Z,2.4um,18.0s Warramunga Arr	49.28 259	PFAKE	LR	01 22 40.0	+15
WR9	comp=Z,4.4um,20.0s Warramunga Arr	49.30 259	PFAKE	LR	01 22 40.0	+15
WR7	comp=Z,3.4um,20.0s Warramunga Arr	49.34 259	PFAKE	LR	01 22 40.0	+14
WR7	LR					
WR6	comp=Z,4.4um,20.0s Warramunga Arr	49.36 259	PFAKE	LR	01 22 40.0	+14
WR6	LR					
WR5	comp=Z,4.4um,18.0s Warramunga Arr	49.38 259	PFAKE	LR	01 22 40.0	+14
WR5	LR					
WR4	comp=Z,4.4um,18.0s Warramunga Arr	49.41 259	PFAKE	LR	01 22 40.0	+14
WR4	LR					
WR3	comp=Z,3.4um,20.0s Warramunga Arr	49.42 259	PFAKE	LR	01 22 40.0	+14
WR3	LR					
WC3	comp=Z,3.4um,20.0s Warramunga Arr	49.44 259	PFAKE	LR	01 22 40.0	+14
WC3	LR					
WB0	comp=Z,4.4um,20.0s Warramunga Arr	49.44 259	PFAKE	LR	01 22 40.0	+14
WB0	LR					
WB8	comp=Z,4.4um,20.0s Warramunga Arr	49.45 259	PFAKE	LR	01 22 40.0	+14
WB8	LR					
WB9	comp=Z,4.4um,20.0s Warramunga Arr	49.45 259	PFAKE	LR	01 22 40.0	+14
WB9	LR					
WR2	comp=Z,8.4um,20.0s Warramunga Arr	49.45 259	PFAKE	LR	01 22 40.0	+14
WR2	LR					
WB5	comp=Z,3.4um,20.0s Warramunga Arr	49.45 259	PFAKE	LR	01 22 40.0	+14
WB5	LR					
WB6	comp=Z,3.4um,19.0s Warramunga Arr	49.45 259	PFAKE	LR	01 22 40.0	+13
WB6	LR					
WB3	comp=Z,3.4um,19.0s Warramunga Arr	49.46 259	PFAKE	LR	01 22 40.0	+13
WB3	LR					
WB4	comp=Z,4.4um,20.0s Warramunga Arr	49.46 259	PFAKE	LR	01 22 40.0	+13
WB4	LR					
WB2	comp=Z,3.4um,20.0s Warramunga Arr	49.46 259	eP	P	01 22 25.1	-1.4
WB2	LR					
WRAB	Tennant Creek comp=Z,26nm,1.0s	49.46 259	eP	P	01 22 24.5	-2.0
WRAB	comp=Z,60nm,1.2s Tennant Creek comp=Z,25nm,1.0s	49.46 259	eP	P	01 22 24.6	-2.0
WRAB	LR					
WRAB	comp=Z,4.4um,20.0s Warramunga Arr	49.47 259	PFAKE	LR	01 22 40.0	+13
WR4	comp=Z,4.4um,20.0s Warramunga Arr	49.47 259	PFAKE	LR	01 22 40.0	+13
WR1	comp=Z,4.4um,20.0s Warramunga Arr	49.47 259	PFAKE	LR	01 22 40.0	+13
WR1	LR					
WRA	comp=Z,4.4um,20.0s Warramunga Arr	49.47 259	eP	P	01 22 24.6	-2.0
WRA	comp=Z,6.2nm,0.5s,baz=97,slow=6.0,SNR=128	49.47 259	eP	P	01 29 30.7	-2.1
WRA	comp=Z,1.1nm,0.7s,baz=99,slow=13,SNR=5.6					
WRA	comp=Z,4.4um,19.0s,baz=105,slow=35					
WC1	comp=Z,4.4um,20.0s Warramunga Arr	49.47 259	PFAKE	LR	01 22 40.0	+13
WC1	LR					
AS01	comp=Z,3.4um,20.0s Alice Springs	49.48 254	eP	P	01 22 24.6	-2.1
AS31	comp=Z,1.1nm,0.7s Alice Springs	49.52 254	eP	P	01 22 26.2	-0.7
ASAR	comp=Z,3.2nm,0.8s,baz=108,slow=4.0,SNR=81	49.52 254	eP	P	01 22 26.1	-1.0
ASAR	comp=Z,4.3nm,0.7s,baz=108,slow=4.0,SNR=4.5					
ASAR	comp=Z,2.5nm,0.7s,baz=90,slow=17,SNR=8.8					
ASAR	comp=Z,2.2um,18.0s,baz=88,slow=36					
GUMO	Guam comp=Z,1.1um,20.0s,baz=118,slow=33	51.90 304	LR	LR	01 42 25.4	
MTN	Manton Dam baz=54,SNR=4.6	53.73 267	P	P	01 22 57.3	-1.2
MTN	comp=Z,2.6nm,1.0s	53.73 267	eP	P	01 22 57.5	-1.0
MTN	LR					
FORT	Forrest comp=Z,2.26nm,0.8s	54.44 245	eP	P	01 23 02.0	-1.4
FORT	LR					
WRKA	comp=Z,1.6um,18.0s Warakma baz=55,SNR=5.9	54.52 252	P	P	01 23 03.7	-0.5
KNRA	Kununurra baz=56,SNR=5.8	55.29 263	P	P	01 23 09.6	-0.9
FAKI	Fak Fak comp=Z,2.2um,20.0s	55.46 279	PFAKE	LR	01 23 20.0	+8.9
FAKI	LR					
FITZ	Fitzroy Crossi comp=Z,2.6nm,0.6s,baz=98,slow=11,SNR=9.0	57.88 260	P	P	01 23 28.2	+0.1
FITZ	comp=Z,2.6nm,0.6s,baz=98,slow=11,SNR=9.0	57.88 260	P	P	01 23 28.4	+0.1
SBA	Scott Base comp=Z,1.62nm,1.8s	60.70 185	eP	P	01 23 49.7	+2.9
SBA	MLR					
SBA	comp=Z,1.1um,19.0s	60.70 185	eP	P	01 23 49.7	+2.9
SBA	LR					
VNDA	Vanda comp=Z,1.5nm,1.0s,baz=9.3,slow=6.2,SNR=17	60.83 186	eP	P	01 23 50.7	+3.1
VNDA	comp=Z,1.5nm,1.0s,baz=9.3,slow=6.2,SNR=17	60.83 186	eP	P	01 23 50.8	+3.1
VNDA	comp=Z,2.2nm,1.1s	60.83 186	eP	P	01 23 50.8	+3.1
VNDA	comp=Z,2.2nm,1.1s	60.83 186	eP	P	01 23 50.8	+3.1
SOEI	Soe comp=Z,1.1um,19.0s	61.01 269	PFAKE	LR	01 24 00.0	+10
SOEI	LR					
TNTI	Ternate comp=Z,1.1um,19.0s	61.31 281	PFAKE	LR	01 24 00.0	+8.1
TNTI	LR					
MBWA	comp=Z,1.1um,20.0s Marble Bar comp=Z,80nm,1.6s	62.84 255	eP	P	01 24 00.6	-1.5
MBWA	LR					
MMRI	comp=Z,4.4um,18.0s Maumere	63.24 269	PFAKE	LR	01 24 20.0	+15
MMRI	LR					
NWAO	comp=Z,1.1um,18.0s Narrogin (SRO)	63.53 242	PFAKE	LR	01 24 20.0	+13
NWAO	LR					
BLDU	comp=Z,2.2um,18.0s Ballidu baz=64,SNR=13	64.20 244	P	P	01 24 11.0	0.0
DAV	Davao City (W) comp=Z,2.2um,18.0s	65.33 287	PFAKE	LR	01 24 30.0	+11
DAV	LR					
NIKH	Nikolski High comp=Z,3.4um,19.0s	70.77 3	PFAKE	LR	01 25 00.0	+8.1
NIKH	LR					
MJAR	comp=Z,6.1nm,0.8s,baz=159,slow=5.8,SNR=11	71.03 320	P	P	01 24 53.1	-0.8
MJAR	LR					
MJAR	comp=Z,1.1um,21.9s,baz=130,slow=31	71.03 320	P	P	01 24 53.0	-0.9
MAT	comp=Z,4.3nm,1.2s	72.07 180	eP	P	01 25 01.6	+1.7
QSPA	comp=Z,1.1um,19.0s					

SNCC	San Nicolas Is baz=234	72.26 45	P	P	01 25 01.9	+0.6
SCZ2	Santa Cruz Isl baz=204	72.63 44	P	P	01 25 03.5	-0.1
SCI2	San Clemente I baz=235	72.77 46	P	P	01 25 04.2	-0.2
PKM	Mpohonson Peak baz=233	73.05 44	P	P	01 25 05.9	-0.3
BLG	Laguna Peak, P baz=234	73.08 45	P	P	01 25 05.8	-0.5
CIS	Catalina Islan baz=235	73.10 46	P	P	01 25 06.2	-0.2
SAO	San Andreas Ge comp=Z,4.7nm,1.3s	73.14 41	eP	P	01 25 08.1	+1.6
SAO	SAO					
SAO	comp=Z,4.7nm,1.3s	73.14 41	eP	P	01 25 08.1	+1.6
SMMC	Simmler baz=234	73.18 43	P	P	01 25 06.4	-0.4
PMPB	Monarch Peak comp=Z,7.1nm,1.4s	73.21 42	eP	P	01 25 08.1	+1.0
PMPB	LR					
PMPB	comp=Z,2.2um,18.0s					
PAGB	Antelope Grade comp=Z,33nm,1.3s	73.27 43	eP	P	01 25 09.1	+1.7
PAGB	LR					
RDG13	comp=Z,2.2um,18.0s Pony Ridge comp=Z,38nm,1.3s	73.38 41	eP	P	01 25 12.0	+4.0
RDG13	LR					
HOPS	comp=Z,2.2um,19.0s Hopland Field comp=Z,50nm,1.3s	73.57 39	eP	P	01 25 12.9	+3.9
OSI	Osio Audit: C comp=Z,18nm,1.1s	73.60 44	PFAKE	LR	01 25 20.0	+11
OSI	LR					
DECO	comp=Z,2.2um,20.0s Green Verdugo baz=235	73.65 45	P	P	01 25 09.1	-0.6
JNU	Nakatusu comp=Z,9.3nm,0.8s,baz=161,slow=8.7,SNR=5.1	73.69 314	P	P	01 25 09.3	-0.6
JNU	Nakatusu comp=Z,18nm,1.1s	73.69 314	eP	P	01 25 05.7	-4.2
PASC	Pasadena Art C comp=Z,2.2um,20.0s	73.70 45	PFAKE	LR	01 25 20.0	+10
PASC	LR					
109C	comp=Z,2.2um,18.0s Hopland Field baz=236	73.71 47	P	P	01 25 09.8	-0.1
MWC	Mount Wilson comp=Z,2.2um,18.0s	73.82 45	eP	P	01 25 13.6	+2.8
MWC	MLR					
MWC	comp=Z,2.2um,18.0s	73.82 45	eP	P	01 25 13.6	+2.8
MWC	LR					
ASAJ	Asahikawa comp=Z,2.105nm,1.3s	73.82 328	eP	P	01 25 10.5	+0.2
ARVC	Arvin baz=234	73.83 44	P	P	01 25 10.8	+0.2
KMRM	Mail Ridge comp=Z,6.1nm,1.1s	74.00 37	eP	P	01 25 10.7	-0.9
KMRM	LR					
MURC	Murrieta baz=236	74.05 46	P	P	01 25 11.2	-0.8
YES	Vestal, Richr baz=234,SNR=5.6	74.09 43	P	P	01 25 11.7	-0.4
BFSO	Mount Baldy Ra baz=235	74.10 45	P	P	01 25 11.5	-0.8
MONP2	Monument Peak baz=236,SNR=6.4	74.18 47	P	P	01 25 12.0	-1.0
EDW2	Edwards Air Fo baz=235,SNR=10	74.25 45	P	P	01 25 12.9	-0.3
IKP	In-Ko-Pah, Jac baz=236,SNR=5.4	74.27 47	P	P	01 25 13.3	-0.1
RCTC	Reactor, Farmer baz=237	74.27 43	P	P	01 25 13.6	+0.5
ISA	Isabella, Lake baz=234	74.39 44	eP	P	01 25 13.3	-0.6
ISA	Isabella, Lake comp=Z,38nm,1.4s	74.39 44	eP	P	01 25 16.0	+2.1
ISA	MLR					
ISA	comp=Z,1.1um,18.0s	74.39 44	eP	P	01 25 16.0	+2.1
ISA	LR					
ISA	comp=Z,3.9nm,1.4s					
PFO	comp=Z,1.1um,18.0s Pinyon Flats O baz=236,SNR=5.3	74.56 46	P	P	01 25 14.8	-0.2
PFO	comp=Z,1.1um,18.0s	74.56 46	eP	P	01 25 16.6	+1.5
PFO	comp=Z,2.6nm,1.3s					
PFO	MLR					
PFO	comp=Z,1.1um,19.0s	74.56 46	eP	P	01 25 16.6	+1.5
PFO	LR					
PFO	comp=Z,2.6nm,1.3s					
PFO	MLR					
XPFO	comp=Z,1.1um,19.0s Pion Flat comp=Z,28nm,1.3s	74.56 46	eP	P	01 25 16.6	+1.5
XPFO	LR					
UGM	comp=Z,1.1um,19.0s Wanama comp=Z,1.79nm,1.3s	74.58 267	eP	P	01 25 16.1	+0.6
CMB	Columbia Colle comp=Z,35nm,1.3s	74.59 41	eP	P	01 25 16.2	+1.1
CMB	MLR					
CMB	comp=Z,1.1um,18.0s	74.59 41	eP	P	01 25 16.2	+1.1
CMB	LR					

KSAR	Wonju Array Be	78.14	316	P	P	01 25 36.5 +1.3
KS01	Wonju Array Si	78.16	316	eP	P	01 25 35.6 +0.4
WVOR	Wild Horse Val	78.35	38	eP	Pmax	01 25 37.7 +1.3
WVOR	comp=Z,36nm,1.3s			MLR	MLR	
WVOR	comp=Z,2um,19.0s	78.35	38	eP	P	01 25 37.7 +1.3
WVOR	comp=Z,36nm,1.3s			LR	LR	
X16A	Lo Mia Camp, P	78.50	48	eP	P	01 25 36.9 -0.6
X16A	comp=Z,2um,19.0s			LR	LR	
319A	Douglas	78.55	52	eP	P	01 25 41.8 +4.1
319A	comp=Z,800nm,18.0s			LR	LR	
LCMT	Little Creek M	78.63	45	eP	P	01 25 39.4 +1.3
LCMT	comp=Z,24nm,1.4s			LR	LR	
TYV	Tymovskoe	78.73	333	eP	Pmax	01 25 36.8 -1.2
TYV	comp=Z,23nm,2.9s			Pmax	Pmax	
CCUT	Cedar City	78.84	44	eP	P	01 25 41.2 +1.9
CCUT	comp=Z,900nm,18.0s			LR	LR	
I07A	Izee	78.87	36	eP	P	01 25 42.7 +3.5
I07A	comp=Z,25nm,1.2s			LR	LR	
U15A	North Rim	78.96	46	eP	P	01 25 41.3 +1.2
G06A	Carlson Farm,	78.97	35	eP	P	01 25 43.1 +3.5
INCN	Inchon	79.00	315	PFAKE	LR	01 25 50.0 +1.0
J08A	Circle Bar Ran	79.01	37	eP	P	01 25 40.9 +0.9
J08A	comp=Z,2um,18.0s			LR	LR	
SZCU	Shurtz Canyon	79.05	45	eP	P	01 25 42.4 +1.9
SZCU	comp=Z,2um,18.0s			LR	LR	
WUAZ	Wupatki	79.12	47	eP	P	01 25 40.4 -0.4
WUAZ	comp=Z,30nm,1.4s			P	P	
PKCU	Pink Cliffs	79.49	45	eP	P	01 25 46.4 +3.5
USRK	Ussuriysk Ar.	79.55	323	P	P	01 25 43.6 +0.9
USRK	comp=Z,1.7nm,0.8s,baz=130,slow=5.8,SNR=4.0			LR	LR	
SSE	Sheshan	79.66	307	P	P	01 25 41.3 -2.3
SSE	comp=Z,30nm,0.7s			P	P	
SSE	comp=Z,380nm,5.9s			Pmax	Pmax	
SSE	comp=Z,650nm,25.0s			LR	LR	
SSE	comp=Z,230nm,25.2s			LR	LR	
F07A	Phinny Hill Vi	79.77	35	PFAKE	LR	01 26 00.0 +1.6
MTPU	Mount Pierson	79.89	45	eP	P	01 25 46.6 +1.4
MTPU	comp=Z,2um,19.0s			LR	LR	
RSO	Redoubt South	79.91	10	eP	P	01 25 48.8 +4.2
G08A	Pilot Rock	79.92	36	eP	P	01 25 44.4 -0.5
G08A	comp=Z,2um,18.0s			LR	LR	
TCRU	Three Creeks R	80.02	44	PFAKE	LR	01 26 00.0 +1.4
TCRU	comp=Z,1um,18.0s			LR	LR	
ZAIG	Zacatecas	80.04	62	eP	P	01 25 50.8 +4.6
ZAIG	comp=Z,15nm,1.3s			LR	LR	
W18A	Petrified Fore	80.06	48	P	P	01 25 45.4 -0.6
W18A	comp=Z,2um,18.0s			P	P	
MSU	Marysvale	80.15	44	eP	P	01 25 47.7 +1.3
MSU	comp=Z,15nm,1.1s			P	P	
121A	Cookes Peak, D	80.22	51	P	P	01 25 46.6 -0.2
121A	comp=Z,30nm,1.3s			P	P	
LTY	Liberty	80.24	33	eP	P	01 25 50.7 +4.2
LTY	comp=Z,26nm,1.4s			P	P	
HAWA	Hanford	80.30	34	eP	P	01 25 50.5 +3.8
HAWA	comp=Z,30nm,1.3s			LR	LR	
BMO	Blue Mountains	80.58	37	eP	Pmax	01 25 49.4 +0.9
BMO	comp=Z,26nm,1.3s			MLR	MLR	
BMO	comp=Z,2um,18.0s	80.58	37	eP	P	01 25 49.4 +0.9
BMO	comp=Z,26nm,1.3s			LR	LR	
MFID	Camas Ranch	80.59	38	eP	P	01 25 48.0 -0.6
MFID	comp=Z,2um,19.0s			LR	LR	
E08A	Dider Farm, El	80.61	35	eP	P	01 25 52.2 +3.8
E08A	comp=Z,69nm,1.8s			LR	LR	
DUG	Dugway, Tooele	80.64	42	P	P	01 25 48.8 -0.1
DUG	comp=Z,3um,18.0s			Pmax	Pmax	
DUG	comp=Z,20nm,1.4s			MLR	MLR	
DUG	comp=Z,1um,18.0s	80.64	42	eP	P	01 25 50.1 +1.2
DUG	comp=Z,20nm,1.4s			LR	LR	
DUG	comp=Z,1um,18.0s	80.64	32	PFAKE	LR	01 26 00.0 +1.2
B06A	Marblemount	80.64	32	PFAKE	LR	01 26 00.0 +1.2
B06A	comp=Z,2um,19.0s			LR	LR	
EPT	El Paso	80.81	52	PFAKE	LR	01 26 00.0 +1.0
EPT	comp=Z,700nm,19.0s			LR	LR	
BGU	Big Grassy Mou	80.90	42	eP	P	01 25 52.4 +2.1
BGU	comp=Z,1um,18.0s			LR	LR	
NLU	North Lily Min	80.98	43	eP	P	01 25 54.9 +4.0
NLU	comp=Z,26nm,1.8s			LR	LR	
Q16A	Castle Valley	81.03	44	eP	P	01 25 55.7 +4.6
Q16A	comp=Z,800nm,19.0s			LR	LR	
RC01	Rabbit Creek A	81.03	11	eP	P	01 25 54.4 +4.1
RC01	comp=Z,44nm,1.2s			P	P	
D08A	Wollman Farm,	81.04	34	eP	P	01 25 50.3 -0.4
D08A	comp=Z,61nm,1.4s			LR	LR	
E09A	Wood Farm, Sta	81.12	35	eP	P	01 25 51.1 0.0
E09A	comp=Z,51nm,1.4s			P	P	
MDJ	Mudanjiang	81.17	323	PFAKE	LR	01 26 00.0 +8.5
MDJ	comp=Z,1um,20.0s			LR	LR	

TMUT	Trail Mountain	81.20	44	eP	P	01 25 54.1 +1.9
TMUT	comp=Z,64nm,1.6s			LR	LR	
NKL	Nikolayevsk	81.23	334	eP	Pmax	01 25 56.0 +4.5
NKL	comp=Z,1um,18.0s			Pmax	Pmax	
F10A	Beach Ranch, E	81.30	36	eP	P	01 25 51.4 -0.8
F10A	comp=Z,26nm,1.0s			LR	LR	
MPU	Maple Canyon	81.30	43	eP	P	01 25 56.2 +3.6
MPU	comp=Z,15nm,1.3s			LR	LR	
SPUT	South Promonto	81.47	42	eP	P	01 25 54.9 +1.5
SPUT	comp=Z,2um,19.0s			LR	LR	
GAMB	Gambell	81.51	1	eP	P	01 25 52.7 0.0
GAMB	comp=Z,42nm,1.6s			P	P	
HLID	Hailey	81.52	39	P	P	01 25 53.1 -0.4
HLID	comp=Z,25nm,1.4s			P	P	
HVU	Hansel Valley	81.53	41	eP	Pmax	01 25 55.1 +1.5
HVU	comp=Z,38nm,1.5s			MLR	MLR	
HVU	comp=Z,2um,18.0s	81.53	41	eP	P	01 25 55.1 +1.5
HVU	comp=Z,38nm,1.5s			LR	LR	
SRU	San Rafael Swe	81.56	44	eP	Pmax	01 25 54.2 +0.3
SRU	comp=Z,53nm,1.6s			Pmax	Pmax	
SRU	comp=Z,800nm,19.0s	81.56	44	eP	P	01 25 54.2 +0.3
SRU	comp=Z,52nm,1.6s			MLR	MLR	
LAZ	Ladron	81.58	50	eP	P	01 25 55.6 +1.4
CTU	Camp Tracy	81.59	42	eP	P	01 25 58.2 +4.2
CTU	comp=Z,19nm,1.4s			LR	LR	
P17A	Butcher Ranch,	81.60	44	eP	P	01 25 55.9 +1.8
P17A	comp=Z,1um,18.0s			LR	LR	
PMR	Palmer	81.61	11	eP	Pmax	01 25 52.5 -0.8
PMR	comp=Z,63nm,1.5s			Pmax	Pmax	
PMR	comp=Z,83nm,1.5s	81.61	11	eP	P	01 25 52.5 -0.8
PMR	comp=Z,83nm,1.5s			P	P	
MNTX	Cornudas Mount	81.63	53	P	P	01 25 54.2 0.0
MNTX	comp=Z,24nm,1.2s			LR	LR	
MNTX	comp=Z,2um,18.0s	81.63	53	eP	P	01 25 54.2 -0.6
MNTX	comp=Z,21nm,1.2s			LR	LR	
B08A	Colville Reser	81.64	33	eP	P	01 25 52.0 -1.8
B08A	comp=Z,700nm,18.0s			LR	LR	
B08A	comp=Z,91nm,1.2s			LR	LR	
JLU	Jordanelle	81.73	43	eP	P	01 25 56.2 +1.3
JLU	comp=Z,28nm,1.6s			LR	LR	
PMSA	Palmer Station	81.75	156	PFAKE	LR	01 26 10.0 +1.6
PMSA	comp=Z,1um,18.0s			LR	LR	
LLBL	Lillooet	81.82	30	eP	P	01 25 58.3 +3.5
LLBL	comp=Z,65nm,1.6s			P	P	
BNM	Barren Site	81.83	50	eP	P	01 25 59.4 +3.9
C09A	Christman Ranch	81.85	34	eP	P	01 25 53.8 -1.2
C09A	comp=Z,46nm,1.4s			LR	LR	
NJ2	Nanjing	81.86	307	eP	Pmax	01 25 54.4 -1.0
NJ2	comp=Z,2um,20.0s			Pmax	Pmax	
DIV	Divide	81.87	13	eP	P	01 25 58.8 +4.0
DIV	comp=Z,86nm,1.4s			P	P	
LPM	Los Pinos Moun	81.91	50	eP	P	01 25 56.3 +0.5
TX31	Lajitas Ar. Si	81.91	56	eP	P	01 25 55.4 -0.4
TXAR	Lajitas Array	81.91	56	P	P	01 25 55.1 -0.7
MVCO	Mesa Verde	81.97	47	P	P	01 25 56.0 -0.1
MVCO	comp=Z,24nm,1.2s			P	P	
MVCO	comp=Z,2um,18.0s	81.97	47	eP	P	01 25 59.2 +3.0
MVCO	comp=Z,30nm,1.6s			P	P	
BMRM	Bremner River	81.98	14	eP	P	01 25 59.5 +4.1
BMRM	comp=Z,46nm,1.2s			P	P	
PV05	Paradox Valley	81.99	46	eP	P	01 25 57.2 +1.0
P18A	Preston Nutter	82.01	44	eP	P	01 25 57.9 +1.5
P18A	comp=Z,22nm,1.3s			P	P	
TCUT	Toone Canyon	82.03	42	eP	P	01 25 56.2 -0.2
TCUT	comp=Z,91nm,1.4s			LR	LR	
KLU	Klutina	82.16	13	eP	P	01 26 01.0 +4.6
PV09	Paradox Valley	82.18	45	eP	P	01 25 58.9 +1.6
SCM	Sheep Creek Mo	82.18	12	eP	P	01 25 01.1 +4.6
SCM	comp=Z,0.4nm,1.1s,baz=110,slow=4.3			P	P	
PV10	Paradox Valley	82.18	46	eP	P	01 25 58.5 +1.2
PV10	comp=Z,1um,18.0s			P	P	
HWUT	Hardware Ranch	82.19	42	eP	P	01 25 58.3 +1.1
HWUT	comp=Z,41nm,1.9s			LR	LR	
ANMO	Albuquerque	82.33	50	P	P	01 25 57.9 -0.1
ANMO	comp=Z,1um,18.0s			Pmax	Pmax	
ANMO	comp=Z,17nm,1.2s	82.33	50	eP	Pmax	01 25 58.4 +0.3
ANMO	comp=Z,17nm,1.2s			Pmax	Pmax	
PV01	Paradox Valley	82.38	46	eP	P	01 25 59.6 +1.3
NEW	Newport	82.74	34	P	P	01 25 60.0 +0.3
NEW	comp=Z,1um,18.0s			P	P	
NEW	comp=Z,12nm,1.2s	82.74	34	eP	Pmax	01 26 02.9 +3.2
NEW	comp=Z,12nm,1.2s			Pmax	Pmax	
KLR	Kul'dur	82.78	327	P	P	01 25 58.9 -0.9
KLR	comp=Z,0.4nm,1.1s,baz=110,slow=4.3			P	P	
KLR	comp=Z,2um,18.0s	82.78	327	P	P	01 25 58.2 -1.6
KLR	comp=Z,2um,18.0s			P	P	
CAST	Castle Rocks	82.81	9			

Table with columns: JCT, Junction City, comp, Z, 85.44, 56, eP, P, 01 26 19.0 +5.2, etc.

Table with columns: X35A, comp, Z, 600nm, 18.0s, LR, LR, 237A, Washetta, Mont, 89.18, 56, P, P, 01 26 31.6 -0.2, etc.

Table with columns: 241A, Mo Tay, Goldon, 91.48, 57, P, P, 01 26 43.4 +0.9, 240A, Long Farm, Mag, 91.53, 56, P, P, 01 26 43.5 +0.8, etc.

5d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAMN Ramite, JURN Jiri, GUN Gumba, etc.

MEX 05 02:37:35.5-0.4, 16.72N-99.94W, h5km3km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACP2 Acapulco, ACX Acapulco, CAIG El Cayaco, etc.

ISC/JB 05 02:40:45.5-1.5, 38.93N-0.04-142.52E, 0.09, h2km, 7km, mb3.6/4, Error ellipse: s-maj=11.8km s-min=7.2km az=7.9

JMA 05 02:40:47.3-0.1, 38.96N-142.43E, h3km2km, M3.6, IDC 05 02:41:03.1-3.5, 38.44N-141.26E, h136km, 32km, mb3.1/4, mb1 3.2/5, mb1mx2.9/44, mbtmp3.4/5, Error ellipse: s-maj=36.6km s-min=24.9km az=74.0

ISC 05 02:40:45.2-1.1, 39.00N-0.05-142.42E, 0.09, h10km10km, n21, r1902/21, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIJV Miyakonagasawa, JMK Ichinoseki, etc.

H1N2 WAKE ISLAND Hy 28.55 125 T 03 17 02.4
H1N1 WAKE ISLAND Hy 28.56 125 T 03 17 07.2
H1N3 WAKE ISLAND Hy 28.57 125 T 03 17 07.1
H1S1 WAKE ISLAND Hy 29.34 127 T 03 18 04.3
H1S3 WAKE ISLAND Hy 29.34 127 T 03 18 04.7
H1S2 WAKE ISLAND Hy 29.36 127 T 03 18 06.8

MKAR Makanchi Array 43.77 301 P 02 48 51.2 +0.3
KURBB Kurchatov Arra 57.43 307 P 02 49 04.6 +0.6
ILAR Eielson Array 47.41 313 P 02 49 30.6 +1.1
WRA Warramunga Arr 59.12 189 P 02 50 44.5 -1.5

IASPEI 05 02:56:00.8-1.0, 39.07N-0.02-29.03E, 0.02, h2km, 8km, Error ellipse: s-maj=3.4km s-min=3.0km az=61.1, GT5 selection from ISC bulletin GT5 identified by Bond'jr and McLaughlin (2009) selection criteria Bond'jr and McLaughlin, A new ground truth data set for seismic studies, <Seism. Res. Let.>, <do>80/</do>, 465-472, 2009

CSEM 05 02:56:00.8-0.0, 39.07N-29.02E, h2km, MD2.7, Error ellipse: s-maj=2.3km s-min=2.1km az=119.0
ISK 05 02:56:00.0, 39.06N-28.98E, h4km, MD2.7
DDA 05 02:56:00.5, 39.07N-29.00E, h7km, M2.6

ISC 05 02:56:00.6-0.9, 39.07N-0.02-29.01E, 0.02, h3km, 6km, n39, r0511/66, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIMA Simav-Kutahya, DEMI Demirci, GDZ Gediz, etc.

2012 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MANT Manisa, MANT KHAL, MANT KHAL, etc.

IDC 05 03:20:17.2-1.4, 58.20N-31.97W, h0km, mb3.3/6, mb1 3.6/6, mb1mx3.3/52, mbtmp3.3/6, Error ellipse: s-maj=44.2km s-min=26.6km az=23.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, ILAR Eielson Array, PDAR Pinedale Array, etc.

SJA 05 03:28:37.7-0.8, 31.29S-67.94W, h20km, 5km, ML3.1, MW3.5
GUC 05 03:28:40.7-0.6, 31.20S-68.01W, h13km, 8km, ML3.4
ISC 05 03:28:35.9-1.1, 31.23S-67.86W, 0.04, h18km, 9km, n18, r0881/29, San Juan Province

ISC 05 03:28:35.9-1.1, 31.23S-67.86W, 0.04, h18km, 9km, n18, r0881/29, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLL Cerro Villucio, AMOG Mogna, SJA San Juan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZON Zonda, RZCV Cerro Valdivia, ACAN Cantantal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AUSA Uspallata, AGUA Guandacol, VCA Vinchina, etc.

IDC 05 03:30:47.4-0.8, 13.10N-144.32E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/56, mbtmp3.7/8, MS3.4/8, Ms1 3.4/8, ms1mx3.1/45, Error ellipse: s-maj=23.3km s-min=13.6km az=122.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N3 WAKE ISLAND Hy, MJAR Matsushiro Arr, KSR5 Korea Array, etc.

ISC/JB 05 03:31:44.0-0.6, 5.18N-0.05-77.54W, 0.05, h2km, mb3.5/7, Error ellipse: s-maj=7.8km s-min=6.2km az=40.6
RSNC 05 03:31:45.1-0.8, 5.19N-77.46W, h8km, 9km, ML3.1
IDC 05 03:31:50.1-4.6, 5.16N-77.21W, h66km, 42km, mb3.2/7, mb1 3.6/9, mb1mx3.4/30, mbtmp3.7/9, ML3.4/2, Error ellipse: s-maj=30.3km s-min=19.7km az=61.0
ISC 05 03:31:45.7-0.8, 5.19N-0.05-77.38W, 0.06, h2km, n21, r1902/25, mb3.5/7, 2, C, Near west coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOLC Bahia Solano, SOLC Solca, SOLC Solca, etc.

PLMC San Jos' del Yocote, Valle 1.13 105 eP Pn 03 32 05.8 +0.1
YOTC Yocote, Valle 1.58 139 iP Pn 03 32 12.6 +0.6
YOTC Yocote, Valle 1.58 139 iP Pn 03 32 39.2

HORO Saladito 1.86 156 eP Pn 03 32 16.1 +0.1
HORO Saladito 1.86 156 eP Pn 03 32 55.1

GUYC Guyana, Colomb 1.98 89 eP Pn 03 32 19.3 +1.5
GUYC Guyana, Colomb 1.98 89 eP Pn 03 32 51.5

RREF El Recreo 2.04 98 iP Pn 03 32 21.0 -1.5
RREF El Recreo 2.04 98 iP Pn 03 32 33.5

RREF Santa Helena 2.09 62 eS Sb 03 32 47.5 -0.3
HELX Santa Helena 2.09 62 eS Sb 03 32 20.3 +1.0
HELX Santa Helena 2.09 62 eS Sb 03 32 47.9 -1.0

TOLC Tolima 2.14 106 eP Pn 03 32 21.5 +1.6
DBBC Dabeiba 2.15 33 eP Pn 03 32 40.9 +1.0
NORC Norcasia 2.52 81 eS Sb 03 32 58.3 -2.8
SDV Santo Domingo 7.63 61 Pn 03 33 38.3 +3.0

SDV Santo Domingo 7.63 61 Pn 03 33 38.3 +3.0
SDV Santo Domingo 7.63 61 Pn 03 35 01.3 +0.3

PTGA Pitinga 18.36 108 P 03 35 58.8 +0.4
LPAZ La Paz 23.22 157 P 03 36 50.3 -1.1

PDAR Pinedale Array 47.32 328 P 03 40 15.8 +0.7
NVAR Mina Array Bea 49.71 318 P 03 40 37.3 +1.6

YKA Yellowknife Ar 64.40 342 P 03 42 12.6 +0.2
INK Inuvik 73.16 341 P 03 43 13.7 +0.2

ILAR Eielson Array 76.67 336 P 03 43 34.2 +0.4
TORD Torodi Arr 78.22 78 P 03 43 42.4 -1.0

ASAR Alice Springs 144.72 236 PKP PkPab 03 51 19.7 +0.1
WRA Warramunga Arr 145.84 242 PKPbc PKP PkPab 03 51 23.9 +1.1

ISK 05 03:48:37.1, 38.72N-43.31E, h3km, MD2.5
CSEM 05 03:48:38.7-0.3, 38.73N-43.21E, h2km, MD2.5, Error ellipse: s-maj=7.1km s-min=5.5km az=77.0
DDA 05 03:48:38.3, 38.72N-43.17E, h7km, M2.5
ISC 05 03:48:39.1-0.9, 38.74N-0.02-43.26E, 0.03, h13km, 7km, n26, r119/45, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERVC ERICIS-VAN, ERVC ERICIS-VAN, VMUR Van-Muradiye, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLCH Cerro Calan, CLCH Cerro Calan, LMEL Las Melosas, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

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

IDC 05 03:49:30.4-7.0, 18.80S-177.76W, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/22, mbtmp3.6/3, Error ellipse: s-maj=302.2km s-min=38.8km az=144.0, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KIF Kilpisjärvi, STEI Steigen, ARCES ARCESS Array B, etc.

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

IDC 05 07:08:19.9-2.6, 14.95Sx174.93W, h235km, mb3.5/4, mbl 3.7/5, mb1mx3.2/47, mbtmp4.1/5, Error ellipse: s-maj=144.1km s-min=23.4km az=140.0, Samoa Islands region

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

IDC 05 07:18:06.61-8.4, 8.42N-123.27E, h0km, mb3.5/4, mbl 3.7/4, mb1mx3.3/52, mbtmp3.5/4, Error ellipse: s-maj=144.3km s-min=23.4km az=66.0, Celebes Sea

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

IDC 05 07:20:08.9-1.2, 42.60N-111.11W, h0km, mb2.5/1, mbl 3.2/3, mb1mx3.0/48, mbtmp2.9/3, ML2.7/2, Error ellipse: s-maj=27.2km s-min=9.4km az=158.0, ISCJB 05 07:20:09.8-0.2, 42.56N/01.111, 119W/0.03, h10km, Error ellipse: s-maj=2.9km s-min=1.5km az=17.7, NEIC 05 07:20:10.2-0.1, 42.55N/111.217W, h5km, ML3.4, Error ellipse: s-maj=3.0km s-min=1.7km az=102.0, NEIC Felt at Idaho Falls, Montpelier and Pocatello. Also felt at Afton and Bedford, Wyoming.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AHID Auburn Hatcher, AHID, GRRI Grays Lake, etc.

IDC 05 07:20:09.5-0.7, 42.56N/01.111, 111W/0.02, h10km, n121, s182/171, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AHID Auburn Hatcher, AHID, GRRI Grays Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BGV Big Grassy Mow, BCU Daniels Canyon, DDU Deer Creek Res, etc.

IDC 05 07:22:2.7-2.7, 17.10Sx174.168W, h0km, mb3.6/2, mbl 3.9/2, mb1mx3.4/28, mbtmp3.6/2, Error ellipse: s-maj=356.5km s-min=58.7km az=144.0, Tonga Islands region

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

ISCJB 05 07:51:48.8-0.5, 38.72N/0.02-43.54E, h6km, 4km, Error ellipse: s-maj=6.2km s-min=3.2km az=14.4, CSEM 05 07:51:48.3-0.2, 38.70N/43.54E, h2km, MD3.0, Error ellipse: s-maj=5.8km s-min=3.6km az=100.0, ISK 05 07:51:48.0, 38.71N/43.54E, h6km, MD3.0, DDA 05 07:52:42.0, 38.71N/43.48E, h5km, MI3.3, ISC 05 07:51:49.2-0.9, 38.71N/0.02-43.54E, h11km, 6km, n54, s140/84, Turkey

5d 7h

Table with columns: Station Name, Az, El, S, P, G, M, A, L, Time, Res. Includes stations like GEVAS, DYADN, TUTA, AGRB, HAKT, YOVA, EKAR, etc.

Table with columns: ZKR, comp=N, 8881µm, 0.4s, AML, AML, 07 57 11.2, etc. Includes stations like ZAKROS, ANOYIA, GAVDHS, etc.

Table with columns: DNZL, Cakiroluk, 4.11 43 P, Sn, 07 58 28.2 +4.6, etc. Includes stations like GOLH, LKR, MANT, etc.

ISCJB 05 07:52:42.9-0.7, 11.82N, 0:09:43.08E, 0:07, h19km±12km, Error ellipse: s-maj=16.5km s-min=7.8km az=145.7

ARO 05 07:52:43.7, 11.8N, 0:04:43.7, E:0.6, h5km, 1km, M13.5

ISC 05 07:52:43.4, 11.1, 11.82N, 0:06:43.06E, 0:05, h14km, gkm, s=10, i=178, 13, 1C, Ethiopia

Table with columns: Code, Station Name, Az, El, S, P, G, M, A, L, Time, Res. Includes stations like TDD, MCAD, CBO, etc.

Table with columns: KARP, comp=N, 5522µm, 0.9s, 1.58 58 ePn, etc. Includes stations like KARP, THRE, THRS, etc.

Table with columns: SHUT, Suhut-Afyon, 5.56 45 ePn, Sn, 07 57 59.1 +2.5, etc. Includes stations like SHUT, GELI, LPK, etc.

ISCJB 05 07:56:35.8-0.3, 34.68N, 0:02:25.50E, 0:02, h48km±2km, mb4.3/45, MS3.5/6, Error ellipse: s-maj=3.9km

HLW 05 07:56:35.6, 34.60N, 0:25:60E, h9km, M4.6, M4.7

IDC 05 07:56:36.5-1.6, 34.87N, 0:25:49E, h33km, 1.1km, mb4.1/26, mb1.4/2.34, mb1mx1.4/5.2, mbtmp4.2/34, ML3.9/7, MS3.3/8, Ms1.3/3.8, ms1mx3.0/45, Error ellipse: s-maj=14.8km

ISK 05 07:56:36.1, 34.85N, 0:25:48E, h47km, ML3.8

MOS 05 07:56:37.2, 1.3, 34.85N, 0:25:49E, h51km, mb4.7/26, Error ellipse: s-maj=7.7km s-min=4.4km az=75.3

CSEM 05 07:56:38.1-0.2, 34.77N, 0:25:45E, h52km, 1km, mb4.4/28, Error ellipse: s-maj=4.4km s-min=2.5km az=6.0

THE 05 07:56:39.2, 34.73N, 0:25:44E, h20km, 2km, ML3.9/9, Error ellipse: s-maj=2.6km s-min=0.8km az=19.0

ATH 05 07:56:39.3, 34.97N, 0:25:43E, h47km, 3km, ML3.9/10, Error ellipse: s-maj=3.4km s-min=1.3km az=165.0

NEIC 05 07:56:39.2-0.0, 34.97N, 0:25:43E, h47km, mb4.3/9, ML3.9(TH), ML3.9(ATH), After ATH

DDA 05 07:56:57.0, 35.85N, 0:26:73E, h65km, M3.9

ISC 05 07:56:36.3-0.5, 34.73N, 0:04:25.52E, 0:03, h37km, 1km, n426, i178/475, mb4.3/45, MS3.4/6, 28C-5D, Crete

Table with columns: ARG, comp=N, 1450µm, 0.7s, 2.60 54 P, etc. Includes stations like ARG, BDRM, etc.

Table with columns: KOT, baz=129, AMP, 07 59 00.0, etc. Includes stations like KOT, HSAF, etc.

Table with columns: Code, Station Name, Az, El, S, P, G, M, A, L, Time, Res. Includes stations like LAST, NPIS, NPS, etc.

Table with columns: ARG, comp=N, 1450µm, 0.7s, 2.60 54 P, etc. Includes stations like ARG, BDRM, etc.

Table with columns: BR21, Keskin MP Arra, 7.71 46 ePn, Sn, 07 58 26.9 +0.8, etc. Includes stations like ANTO, BR13, etc.

Table with columns: TOH, TOT, comp, E, S, A, M, L, P, n, Pn, 07 58 48.5, +2.6, 08 00 27.9, etc. Lists various station data points.

Table with columns: FIAO, FINES, FINES Array S, 26.74, 1, eP, P, 08 02 09.8, -2.1, 08 05 34.7, +0.4, etc. Lists various station data points.

Table with columns: MOY, MONDY, ZAK, ZAKAMENSK, 55.09, 47, eP, P, 08 06 06.0, +1.5, 08 06 17.4, +0.6, etc. Lists various station data points.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIWJ Miyakonagasawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 346A Big Creek Wild, 341A Kurthwood, 344A Westbrook Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U40A Yellville, HHAR Hobbs, U46A Springville, etc.

MEX 05 09:15:05.2-0.5, 17:18N:95:17W, h140km, 7km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VHO Vista Hermosa, HUG Huatulco, TGIG Tgig, etc.

MEX 05 09:15:20.0-0.5, 13:35N:0:06:90.94W, 0.05, h2km, n277, +178/281, m4.5/75, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X41 Kaden, X46A Booneville, MIAR Mount Ida, etc.

MEX 05 09:15:29.0-0.5, 13:35N:0:06:90.94W, 0.05, h2km, n277, +178/281, m4.5/75, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, BNM Barren Site, R47A Woolly Knot Far, etc.

UCR 05 09:15:20.7-0.7, 12:95N:91:34W, h14km, 105km, ML3.9, m4.4(NEIC)

Station details for UCR including coordinates, frequency, and other parameters.

IDC 05 09:15:32.9-3.0, 13:94N:90:31W, h44km, 27km, m3.4/1/16, m1 4.3/18, m1m1mx4.1/42, m1mtp4.3/18, ML3.9, MS3.2/3, Ms1 3.2/3, ms1mx3.0/33, Error ellipse: s-maj=30.8km s-min=13.3km az=42.0

Station details for IDC including coordinates, frequency, and other parameters.

NEIC 05 09:15:34.6-0.7, 13:55N:90:64W, h68km, 6km, m4.4/6/9, Error ellipse: s-maj=9.8km s-min=4.6km az=219.0

Station details for NEIC including coordinates, frequency, and other parameters.

ISC 05 09:15:29.0-0.5, 13:35N:0:06:90.94W, 0.05, h2km, n277, +178/281, m4.5/75, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IXC Ixapaco, SBLs San Blas, RTR El Retiro, etc.

ISC 05 09:15:29.0-0.5, 13:35N:0:06:90.94W, 0.05, h2km, n277, +178/281, m4.5/75, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X41 Kaden, X46A Booneville, MIAR Mount Ida, etc.

ISC 05 09:15:29.0-0.5, 13:35N:0:06:90.94W, 0.05, h2km, n277, +178/281, m4.5/75, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M44A Midewin, M35A Neola, MVCO Mesa Verde, etc.

E40A	Wakefield	33.00	1	P	P	09 21 59.9	-1.6
R11A	Troy Canyon, C	33.14 323	eP	P	P	09 22 06.4	+3.4
E38A	The Farm, Brul	33.15 359	P	P	P	09 22 00.8	-2.0
E35A	Pequot Lakes	33.23 356	P	P	P	09 22 01.5	-2.0
E33A	Westby DABS, E	33.32 354	P	P	P	09 22 03.1	-1.2
GRAC	Grapevine Rang	33.35 320	P	P	P	09 22 07.1	+2.3
PDAR	Pinedale Array	33.44 335	P	P	P	09 22 05.5	-0.2
PDAR	comp=Z,0.8nm,0.8s,baz=139,slow=6.0,SNR=6.0		PcP	PcP	P	09 24 47.4	+0.7
BGU	Big Grassy Mou	33.58 329	eP	P	P	09 22 08.3	+1.4
D37A	Cotton	33.72 358	P	P	P	09 22 06.2	-1.6
D35A	Remer	33.73 356	P	P	P	09 22 06.1	-1.8
PTGA	Pitinga	33.74 112	P	P	P	09 22 07.6	-0.8
PTGA	comp=Z,4.5nm,0.8s,baz=299,slow=11,SNR=7.3		P	P	P	09 22 09.0	+0.6
D36A	Goodland	33.77 357	P	P	P	09 22 06.3	-1.9
D34A	Park Rapids	33.82 355	P	P	P	09 22 07.7	-1.0
D33A	AnnSam, Waubun	33.93 354	P	P	P	09 22 08.4	-1.3
HVU	Hansel Valley	34.10 330	eP	P	P	09 22 13.9	+2.5
RCTC	Rector, Farmer	34.16 317	P	P	P	09 22 12.8	+1.1
C35A	Irlak Farms, M	34.34 356	P	P	P	09 22 11.4	-1.8
C36A	Pine Crest Far	34.34 358	P	P	P	09 22 11.8	-1.3
C34A	RKU Ranch, Bem	34.35 355	P	P	P	09 22 11.3	-2.0
REDW	Red Top Meadow	34.47 334	eP	P	P	09 22 15.5	+0.9
SNOW	Snow King Mount	34.51 334	eP	P	P	09 22 16.2	+1.2
TPAW	Teton Pass	34.62 334	eP	P	P	09 22 17.0	+1.1
NV11	Mina Array Sit	34.73 321	eP	P	P	09 22 19.2	+2.3
MOOW	Moose Ponds	34.74 334	eP	P	P	09 22 17.4	+0.4
NV01	Mina Array Sit	34.82 321	eP	P	P	09 22 19.6	+1.9
NVAR	Mina Array Bea	34.82 321	P	P	P	09 22 19.9	+2.2
NVAR	comp=Z,8.9nm,0.7s,baz=139,slow=8.4,SNR=88		PcP	PcP	P	09 24 53.6	+3.0
NVAR	comp=Z,1.2nm,0.8s,baz=150,slow=3.7,SNR=4.8		LR	LR	P	09 36 28.9	
MDPB	Devils Postpil	34.82 319	eP	P	P	09 22 19.4	+1.6
AGMN	Agassiz Nation	35.08 354	eP	P	P	09 22 18.6	-1.0
KVN	Kaiserville	35.09 322	eP	P	P	09 22 22.0	+2.0
B34A	Aery, Baudette	35.16 356	P	P	P	09 22 18.5	-1.7
A33A	Warroad	35.67 355	P	P	P	09 22 23.2	-1.5
YERR	Yerington	35.74 321	eP	P	P	09 22 27.5	+1.9
PNTR	Pine Nut	36.03 321	eP	P	P	09 22 30.4	+2.4
HLID	Hailey	36.24 331	eP	P	P	09 22 31.5	+1.7
PAHR	Pah Rah Range	36.27 322	eP	P	P	09 22 32.5	+2.4
MCMT	McKenzie Canyo	36.51 333	eP	P	P	09 22 33.8	+1.7
MFID	Camas Ranch	36.82 329	eP	P	P	09 22 35.3	+0.6
BEKR	Beckworth	36.97 321	eP	P	P	09 22 38.0	+2.0
ULM	Lac du Bonnet	37.02 355	P	P	P	09 22 34.2	-1.9
ULM	comp=Z,1.7nm,0.8s,baz=173,slow=9.2,SNR=24		PcP	PcP	P	09 24 55.5	-1.1
ULM	comp=Z,1.3nm,0.8s		P	P	P	09 22 34.2	-1.9
ULM	comp=Z,4.4nm,0.8s		PcP	PcP	P	09 24 55.5	-1.1
WVOR	Wild Horse Val	37.60 326	eP	P	P	09 22 42.2	+0.9
O03D	Paynes Creek	38.11 321	P	P	P	09 22 47.0	+1.4
J08A	Circle Bar Ran	38.14 327	eP	P	P	09 22 47.4	+1.5
F10A	Beach Ranch E	39.37 331	eP	P	P	09 22 56.6	+0.4
C09A	Chrisman Ranch	41.20 332	eP	P	P	09 23 12.1	+0.9
SIV	San Ignacio	41.50 134	P	P	P	09 23 12.0	-2.0
FFC	Flin Flon	42.18 350	eP	P	P	09 23 18.4	-0.6
SCHQ	Schefferville	45.48 19	P	P	P	09 23 43.4	-2.2
YKA	Yellowknife Ar	51.89 346	P	P	P	09 24 33.1	-1.6
INK	Inuvik	61.35 343	eP	P	P	09 25 40.8	-1.0
INK	comp=Z,3.0nm,0.7s,baz=123,slow=7.2,SNR=22		P	P	P	09 25 41.2	-0.6
KDKA	Kodiak Island	63.81 328	P	P	P	09 25 58.4	0.0
IL1	Eielson Array	63.84 337	eP	P	P	09 25 57.6	-0.9
ILAR	Eielson Array	63.84 337	P	P	P	09 25 58.0	-0.5
ILB	Eielson Array	63.84 337	eP	P	P	09 25 58.4	-0.2
ESDC	Sonsesa Array	79.31 52	P	P	P	09 27 28.8	-3.4
TIC	Toumoudi	84.54 84	eP	P	P	09 27 57.4	-2.8
LIC	Lamto	84.62 85	eP	P	P	09 27 58.0	-2.6
DBIC	Dimboko	84.69 84	P	P	P	09 27 59.2	-1.7
KIC	Kosan Boka	84.87 85	eP	P	P	09 27 59.8	-2.1
TORD	Tordi Ar, Bea	89.52 77	P	P	P	09 28 21.4	-3.0
SEY	Seymchan	89.76 336	P	P	P	09 28 24.4	-0.1
MA2	Magadan	92.14 333	P	P	P	09 28 35.8	+0.2
BOSA	Boshof	119.15 115	PKP	PKP	P	09 34 18.4	+2.3
LZH	Lanzhou	128.88 645	ePKP	PKP	P	09 34 30.4	-0.6
LZH	comp=Z,1.6nm,0.8s,baz=89,slow=2.5,SNR=3.8		sPKP	sPKP	P	09 34 53.0	+5.4
WRA	Warramunga Arr	136.23 255	PKP	PKP	P	09 34 45.9	
WRA	comp=Z,0.4nm,0.6s,baz=89,slow=1.9,SNR=9.9		PKP	PKP	P	09 34 53.5	+3.2
ASAR	Alice Springs	136.42 250	PKP	PKP	P	09 34 52.6	+3.7
CMAR	Chiang Mai Arr	146.93 343	PKP	PKP	P	09 35 10.1	+0.4
CMAR	comp=Z,4.2nm,0.7s,baz=335,slow=3.6,SNR=16						

E0S1	E0S1	0.74 333	P	Pb	P	09 16 20.5	+1.3
E0S1	baz=337		eS	Sn	P	09 16 32.2	+0.9
YOJ	Yonaguni jima	0.74 39	eP	Pb	P	09 16 19.9	+0.5
YOJ	Yonaguni jima	0.74 39	P	Pb	P	09 16 19.8	+0.5
YOJ	Yonaguni jima	0.81 272	eP	Sb	P	09 16 28.1	-1.1
ENLB	Shoufeng	0.81 272	eP	Pn	P	09 16 22.0	+0.5
ENLB	baz=265		S	Sn	P	09 16 33.4	+0.2
HWA	Hwalien	0.82 277	eP	Pn	P	09 16 22.9	+1.4
HWA	baz=270		S	Sn	P	09 16 33.0	-0.2
ENAH	Nanao	0.84 312	P	Pn	P	09 16 21.9	+0.1
ENAH	baz=312		S	Sn	P	09 16 33.4	-0.4
TWD	Chiawan	0.84 284	eP	P	P	09 16 22.0	+0.1
TWD	baz=279		eS	Sn	P	09 16 33.5	-0.3
NANB	Nanao	0.87 309	P	Sn	P	09 16 22.4	+0.2
NANB	baz=308		eS	Sn	P	09 16 35.5	+1.0
NACB	Ninganchiao	0.87 290	P	Pn	P	09 16 22.5	+0.2
NACB	baz=285		S	Sn	P	09 16 34.7	+0.1
ENA	Nanao	0.87 308	eP	Pn	P	09 16 22.7	+0.3
ENA	baz=308		eS	Sn	P	09 16 34.0	-0.7
TWC	TWC	0.93 321	eP	Pb	P	09 16 22.0	-0.5
TWC	baz=322		eS	Sg	P	09 16 35.0	-0.2
ESL	Shilin	0.97 266	eP	Pg	P	09 16 23.7	-0.1
ESL	baz=290		eS	Pg	P	09 16 25.5	+0.2
HGSD	Ruisui	1.05 248	eP	Pg	P	09 16 25.5	+0.2
HGSD	baz=242		eS	Sn	P	09 16 40.3	+1.2
EGS	EGS	1.08 332	P	Pg	P	09 16 26.1	+0.2
EGS	baz=334		S	Sn	P	09 16 41.2	+1.4
ILA	ilan	1.11 322	eP	Pg	P	09 16 26.8	+0.5
ILA	baz=323		eS	Sn	P	09 16 41.0	+0.6
TWE	Weihsung	1.12 318	eP	Pg	P	09 16 27.0	+0.5
TWE	baz=319		eS	Sn	P	09 16 41.1	+0.3
ENTT	Niudou	1.13 312	eP	Pg	P	09 16 27.0	+0.2
ENTT	baz=311		eS	Sn	P	09 16 41.6	+0.5
EHY	Hungye	1.14 251	eP	Pg	P	09 16 26.8	0.0
NTC	Toucheng	1.14 328	P	Pg	P	09 16 27.2	+0.3
NTC	baz=329		S	Sg	P	09 16 42.8	+0.9
NNSB	Datong	1.15 298	eP	Pg	P	09 16 27.1	0.0
NNSB	baz=296		eS	Sn	P	09 16 42.1	+0.5
NNSH	Datong	1.15 298	P	Pg	P	09 16 27.3	+0.2
NNSH	baz=296		eS	Sn	P	09 16 42.3	+0.7
WHF	Hehuan Shan	1.15 283	eP	Pg	P	09 16 27.4	+0.2
WHF	baz=279		eS	Sn	P	09 16 43.5	+1.4
NNS	Nan Shan	1.16 299	P	Pg	P	09 16 27.6	+0.2
NNS	baz=297		eS	Sn	P	09 16 42.8	+0.8
YULB	Yu-Hi	1.20 246	eP	Pg	P	09 16 27.9	-0.1
YULB	baz=240		eS	Sg	P	09 16 43.4	-0.4
TWB1	Santiao Chiao	1.21 338	eP	Pn	P	09 16 27.5	+0.6
TWB1	baz=340		eS	Sg	P	09 16 44.6	+0.5
HATJ	Hateruma jima	1.21 82	P	Pn	P	09 16 27.9	+0.9
HATJ	baz=82		S	Sb	P	09 16 42.8	+0.1
IRIF	Iriomote-Funau	1.22 68	P	Pn	P	09 16 28.1	+1.1
IRIF	baz=68		S	Sb	P	09 16 42.2	+0.6
TWF1	Yuli	1.22 244	eP	Pg	P	09 16 28.3	-0.1
TWF1	baz=238		eP	Pg	P	09 16 28.2	-0.2
CHGB	Renai	1.22 279	eP	Pg	P	09 16 28.2	-0.2
CHGB	baz=274		eS	Sg	P	09 16 44.6	+0.2
TIPB	Shuangxi	1.24 311	iP	Pg	P	09 16 29.3	+0.4
TIPB	baz=332		S	Sg	P	09 16 45.4	+0.2
TWT	Tachien	1.26 287	eP	Pg	P	09 16 29.5	+0.3
TWT	baz=284		eS	Sg	P	09 16 46.1	+0.5
YHNB	Yeheng	1.28 308	eP	Pg	P	09 16 29.4	-0.2
YHNB	baz=307		eS	Sb	P	09 16 44.2	-0.6
FULB	Fuli	1.29 238	eP	Pn	P	09 16 28.6	+0.5
FULB	baz=232		P	Pg	P	09 16 29.7	-0.3
NSK	Sanguang	1.30 308	P	Pg	P	09 16 29.7	-0.3
NSK	baz=307		S	Sg	P	09 16 45.8	-1.2
NWF	Wu-fen Shan	1.35 331	eP	Pg	P	09 16 29.8	+0.8
NWF	baz=333		eS	Sg	P	09 16 48.8	+0.3
WFSB	Wu-fen Shan	1.35 331	eP	Pn	P	09 16 29.8	+1.0
WFSB	baz=333		eS	Sg	P	09 16 48.8	+0.4
TWA	Mucha	1.37 323	eP	Pn	P	09 16 29.6	+0.5
TWA	baz=333		P	Pg	P	09 16 31.9	-0.2
SSLB	Suanguang	1.41 266	eP	Pg	P	09 16 31.1	+1.1
SSLB	baz=262		P	Sn	P	09 16 49.7	+1.3
JKRS	Kuro-shima	1.43 75	eP	Sn	P	09 16 31.8	+0.6
JKRS	baz=75		P	Pb	P	09 16 32.0	+0.6
DPDB	Guoxing	1.44 276	eP	eS	P	09 16 32.0	+0.6
DPDB	baz=272		eS	Sg	P	09 16 52.0	+0.6
DPDB	baz=272		eS	Pg	P	09 16 33.6	+0.8
TAP1	Taipei	1.45 323	eP	Pg	P	09 16 32.0	+0.6
TAP1	baz=323		eS	Sg	P	09 16 52.9	+1.2
SMLT	Sun Moon Lake	1.46 270	eP	Pg	P	09 16 34.1	+1.2
SMLT	baz=266		eS	Sg	P	09 16 51.2	-0.8
YUS	Yu-Shan	1.47 255	eP	Pb	P	09 16 32.4	+0.4
YUS	baz=250		eS	Sb	P	09 16 50.0	0.0
TYC	Yuchr	1.50 271	eP	Pb	P	09 16 32.4	+0.3
TYC	baz=267		eS	Sg	P	09 16 52.8	-0.4
YMO7	YMO7	1.51 328	eP	Pb	P	09 16 32.4	0.0
YMO7	baz=329		eS	Sg	P	09 16 54.1	+0.4
ELDTW	Lidau	1.52 243	eP	Pn	P	09 16 32.2	+0.8
ELDTW	baz=238		P	Pg	P	09 16 33.0	+0.4
YMO10	YMO10	1.52 326	eP	eS	P	09 16 33.0	+0.4
YMO10	baz=327		eS	Sb	P	09 16 51.8	+0.1

ML4.4(GUC), After GUC.
NEIC Felt [I] at Copiapo and Tierra Amarilla.
ISC 05 09:17:31.6: 1.6, 27.83SR:0.04:71.34W:0.07:h3km,10km,
m51,c150/55,4D, Near east of northern Chile

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

NIED 05 09:20:00.41:70N:144.30E, h20km, Mw4.1, Best double
couple: M1:1.36E+015, NP2:29.00000, 834.00000,
1.03.00000, NP2:29.00000, 834.00000,
1.03.00000,
ISCJB 05 09:20:09.5: 0.7, 41.66N:05:144.37E:0.10, h27km,
mb3.8/13, MS3.5/1, Error ellipse: s-maj=10.5km
s-min=7.6km az=6.5
JMA 05 09:20:10.9: 0.3, 41.70N:144.32E, h26km, 3km, M4.0
IDC 05 09:20:14.2: 2.8, 41.74N:144.06E, h41km, 25km, mb3.6/12,
mb1.3/8.14, mb1mx3.6/47, mbmp3.8/14, ML3.4/2, MS3.3/2,
Ms1.3/3.2, ms1mx2.6/38, Error ellipse: s-maj=21.4km
s-min=16.7km az=102.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and data for the NIED event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and data for the KURBB event.

CSEM 05 09:20:58.0: 5.0, 39.63N:29.72E, h1km, MD2.2, Error
ellipse: s-maj=9.6km s-min=5.8km az=105.0, Suspected
Mining explosion.
ISK 05 09:20:58.1, 39.61N:29.67E, h18km, MD2.2
ISCJB 05 09:20:59.0: 0.4, 39.70N:02:29.58E:0.06, h0km, Error
ellipse: s-maj=6.6km s-min=3.0km az=12.4
DDA 05 09:20:60.0, 39.72N:29.50E, h7km, Md2.4, Suspected
Mining explosion.
ISC 05 09:20:59.3: 0.8, 39.66N:02:29.65E:0.03, h0km, m44,
c131/58, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and data for the CSEM event.

CSEM 05 09:30:15.0: 0.5, 67.76N:20.18E, h2km, ML2.1, Error
ellipse: s-maj=14.0km s-min=9.3km az=32.0, Mining
explosion.
UPP 05 09:30:15.5, 67.84N:20.19E, h0km, ML2.1, Suspected
Mining explosion.
HEL 05 09:30:15.8: 0.1, 67.82N:20.20E, h0km, ML1.3,
ML2.1 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and data for the KUA event.

ISCJB 05 09:35:29.3: 0.1, 18.29N:01:70.38W:0.01, h34km,
mb5.1/298, MS4.9/140, Error ellipse: s-maj=2.2km
s-min=1.5km az=39.3
MOS 05 09:35:29.6: 1.0, 18.32N:70.36W, h35km, 3.5/79,
MS4.8/27, Error ellipse: s-maj=5.8km s-min=4.3km
az=114.5
NEIC 05 09:35:29.0: 0.0, 18.94N:70.42W, h23km, Moment Tensor
Solution. s23 Moment tensor: Scale 1017Nm; Mr:0.32;
Mw:0.45; Mw-0.77; Mw-0.31; Mw:0.74; Mw-1.64; Best
double couple: M1:1.90000*1017, NP1:191.00000,
894.00000, 1.18.00000, NP2:292.00000, 829.00000,
1.12.00000, Principal axes: T:1.85000, Plg43.00000,
Az=128.00000; N:0.18000, Plg27.00000, Az=8.00000; P
-2.0300, Plg33.00000, Az=257.00000;
IDC 05 09:35:32.8: 1.5, 18.27N:70.43W, h56km, 1.3km, mb4.6/28,
mb1.4/8.29, mb1mx4.7/36, mbtmp4.9/29, MS4.7/22.

Ms1.4/7.22, ms1mx4.6/30 Error ellipse: s-maj=11.0km
s-min=9.4km az=41.0
NEIC 05 09:35:32.1: 0.3, 18.33N:70.36W, h40km, 3km, mb5.2/239,
MS4.9/109, MW5.5, Error ellipse: s-maj=3.3km
s-min=2.0km az=204.0

NEIC Felt [V] at Banao; [IV] at Bani, La Vega, Montellano, San
Cristobal, San Francisco de Macoris and Santo Domingo;
[III] at Barahona, Jarabacoa, Licey al Medio, Odra Banda,
Puerto Plata and Santiago; [II] at Azua, San Pedro de
Macoris and Sosua. Felt throughout the Dominican
Republic. Felt [II] at Peñonville, Haiti. Also felt at Cabaret,
Craix des Bouquets, Delmas, Guamanite and
Port-au-Prince. Felt [II] at Mayaguez, Puerto Rico. Also felt
at Aguada, Caguas, Guayama, Guaynabo, Lares, Luquillo,
Ponce, Rincon and Sabana Grande.

GCMT 05 09:35:32.1: 0.1, 18.48N:70.34W, h30km, MW5.5/127,
Moment Tensor Solution. s90,c144; s127,c237;
Duration: 1s3 Moment tensor: Scale 1017Nm;
Mw:0.27c; Mw:0.88c; Mw:1.15c; Mw:0.79c; Mw:0.4;
Mw:1.27c; Mw:0.73c; Mw:0.73c; Mw:0.73c; Mw:0.73c;
Mw:1.95000*1017 NP1:196.00000, 877.00000,
7.151.00000, NP2:294.00000, 862.00000, 1.15.00000,
Principal axes: T:2.0830, Plg30.0000, Az=152.00000,
1.12.00000, Plg58.0000, Az=354.0000, P:1.8170,
Plg10.0000, Az=247.0000; nsta1 refers to body waves,
cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

NEIC 05 09:35:31.0: 0.2, 18.27N:03:70.42W:0.03, h34km,
m243, c131/1195, mb5.2/310, MS4.9/140, 58C-14D,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and data for the MS1 event.

JTS	JuntasAbangare	16.16 243	eP	P	09 39 19.1 +0.5
JTS	comp-Z,694nm,1.0s				
JTS	JuntasAbangare	16.16 243	ePn	P	09 39 19.1 +0.5
JTS	comp-Z,694nm,1.0s				
MARP	Paez Belalcaza	16.27 200	eP	Pn	09 39 17.6 +0.2
TGUH	Tequicigalpa,Un	16.72 258	Pn	P	09 39 24.0 -0.8
RGRS	Roger Stewart	17.02 331	ePn	P	09 39 24.0 -1.9
RGRS	comp-Z,2um,0.4s				
CGSU	Charleston Sou	17.02 331	ePn	Sn	09 42 22.2 -1.2
SOTA	Rioblanco	17.15 201	eP	P	09 39 29.5 -0.5
NHSC	New Hope	17.17 331	ePn	P	09 39 26.5 -1.8
TIGA	Tifton	17.71 320	eP	P	09 39 34.5 -0.6
TIGA	baz=134,SNR=7.0				
TIFON	Tifton	17.71 320	ePn	Pn	09 39 34.7 -0.4
TIFON	comp-Z,292nm,0.9s				
CNCC	Cliffs of the	18.15 340	ePn	Pn	09 39 39.3 -1.1
CNCC	comp-Z,144nm,1.0s				
GCUF	Volcan Galeras	18.26 203	eP	Pn	09 39 44.7 +2.4
MYIG	MORIDA	18.39 282	ePn	P	09 39 51.6 +8.1
JSC	Jenkinsville	18.65 331	eP	Pmax	09 39 45.1 -0.8
JSC	comp-Z,58nm,0.8s				
JSC	Jenkinsville	18.65 331	eP	P	09 39 45.1 -0.8
JSC	comp-Z,58nm,0.8s				
GOGA	Godfrey	19.08 325	eP	P	09 39 50.6 0.0
GOGA	comp-Z,477nm,2.0s				
GOGA	Godfrey	19.08 325	eP	Pmax	09 39 50.6 0.0
GOGA	comp-Z,477nm,2.0s				
HODGE	Hodges	19.09 329	eP	P	09 39 50.2 -0.6
HODGE	comp-Z,425nm,1.9s				
KMSC	Kings Mountain	19.40 332	P	Pn	09 39 55.1 -0.4
KMSC	baz=147,SNR=29				
KMSC	Kings Mountain	19.40 332	eP	P	09 39 53.5 -0.7
KMSC	comp-Z,68nm,0.6s				
OTAV	OTAV	19.59 205	eP	Pn	09 40 00.4 +2.1
OTAV	comp-Z,161nm,1.0s				
SCIG	Sabancuy	19.69 275	eP	Pn	09 40 01.2 +2.1
SCIG	comp-Z,131nm,0.8s				
BRAL	Brewton	19.79 314	P	Pn	09 39 59.8 -0.4
BRAL	baz=118				
BRAL	Brewton	19.79 314	eP	P	09 39 59.0 +0.5
BRAL	comp-Z,661nm,1.4s				
BG3	Lake Jocassee	20.03 329	eP	P	09 40 02.7 -0.3
BG3	comp-Z,272nm,1.6s				
448A	Bay Minette	20.22 312	P	P	09 40 03.9 +0.8
448A	baz=124				
JSRW	J. Sargeant Re	20.42 343	eP	P	09 40 05.0 -0.3
IP05	Hopeville Churc	20.52 343	eP	P	09 40 06.1 -0.1
IP05	comp-Z,161nm,1.6s				
348A	Jackson	20.52 313	P	Pn	09 40 07.9 -0.9
IP06	Yanceyville	20.67 343	eP	P	09 40 07.7 -0.3
IP06	baz=125,SNR=5.7				
IP07	Quail	20.67 343	eP	P	09 40 07.8 -0.2
IP07	comp-Z,59nm,0.7s				
IP01	Cuckoo	20.68 343	eP	P	09 40 07.8 -0.3
IP01	comp-Z,455nm,1.9s				
447A	Lucedale	20.71 310	P	Pn	09 40 10.2 -0.8
447A	baz=123				
Z49A	Columbiana	20.73 319	P	P	09 40 09.1 +0.4
Z49A	baz=132,SNR=25				
SPRD	Spring Road, M	20.73 343	eP	P	09 40 08.2 -0.4
SPRD	comp-Z,72nm,1.0s				
CVRD	Centerville Ro	20.75 343	eP	P	09 40 08.7 -0.1
CVRD	comp-Z,95nm,0.9s				
IP03	Louisa	20.77 343	eP	P	09 40 08.6 -0.4
IP03	comp-Z,71nm,0.7s				
CBN	Corbin Frederi	20.77 344	eP	P	09 40 08.9 -0.1
CBN	comp-Z,146nm,0.6s				
CBN	comp-Z,3um,19.0s				
BLA	Blacksburg	20.81 337	eP	P	09 40 09.4 -0.2
BLA	comp-Z,219nm,0.9s				
BLA	comp-Z,2um,20.0s				
BLA	MLR				
BLA	Blacksburg	20.81 337	eP	P	09 40 09.4 -0.2
BLA	comp-Z,218nm,0.9s				
BLA	LR				
248A	Dixon Mills	20.82 315	P	P	09 40 10.0 +0.4
248A	baz=127,SNR=15				
IP04	Greensprings	20.85 343	eP	P	09 40 10.9 +0.9
IP04	comp-Z,58nm,0.7s				
LRAL	Lakeview Retre	20.92 318	P	P	09 40 11.0 +0.3
LRAL	baz=130,SNR=43				
LRAL	Lakeview Retre	20.92 318	eP	P	09 40 11.3 +0.6
LRAL	comp-Z,335nm,1.4s				
347A	Saraland	20.97 312	P	P	09 40 11.7 +0.5
347A	baz=124,SNR=26				
TKL	Tuckaleechee C	20.97 328	P	P	09 40 11.1 -0.2
TKL	comp-Z,22nm,0.8s, baz=146,slow=11,SNR=15.1				
TKL	Tuckaleechee C	20.97 328	eP	S	09 43 54.0 -9.1
TKL	comp-Z,36nm,0.7s, baz=38,slow=19,SNR=1.5				
TKL	Tuckaleechee C	20.97 328	eP	S	09 40 11.2 -0.2
TKL	comp-Z,176nm,1.2s				
TKL	Port Sulphur	20.97 306	S	S	09 43 54.0 -9.1
TKL	baz=118				
X50A	Fort Payne	21.07 323	P	P	09 40 12.2 -0.3
X50A	baz=136,SNR=18				
Y49A	Blount Mountai	21.10 320	P	P	09 40 12.5 -0.2
Y49A	baz=133,SNR=15				
CPCT	Cooper Cave	21.19 327	eP	P	09 40 13.9 +0.2
CPCT	comp-Z,465nm,1.5s				
546A	Slidell	21.21 308	P	P	09 40 14.0 +0.1
546A	baz=120				
446A	Poplarville	21.23 310	P	P	09 40 14.4 +0.3
446A	baz=122,SNR=6.2				
247A	Quitman	21.39 313	P	P	09 40 15.9 +0.1
247A	baz=123,SNR=15				
Z48A	Northport	21.49 318	P	P	09 40 17.0 +0.2
Z48A	baz=130,SNR=14				
PTGA	Pitinga	21.50 150	P	P	09 40 18.3 +1.2
PTGA	comp-Z,90nm,1.0s, baz=340,slow=13,SNR=47				
PTGA	Pitinga	21.50 150	eP	P	09 40 18.0 +0.9
PTGA	comp-Z,129nm,1.0s				
PTGA	LR				
PTGA	LR				
X49A	Woodville	21.50 322	P	P	09 40 16.6 -0.4
X49A	baz=135,SNR=14				
645A	Chauvin	21.51 305	P	P	09 40 17.2 +0.1
645A	baz=117				
147A	Livingston	21.52 315	P	P	09 40 18.1 +0.9
147A	baz=127,SNR=9.1				
Y48A	Jasper	21.60 319	P	P	09 40 17.9 -0.1
Y48A	baz=132,SNR=18				
346A	Big Creek Wild	21.62 311	P	P	09 40 18.8 +0.6
346A	baz=123,SNR=15				
247A	Carrollton	21.71 317	P	P	09 40 19.4 +0.2
247A	baz=129,SNR=15				
246A	Jackson Lee, B	21.72 313	P	P	09 40 19.2 -0.1
246A	baz=124,SNR=15				
SWET	Sewanee	21.78 324	eP	P	09 40 19.9 -0.1
SWET	comp-Z,541nm,1.6s				
SDMD	Soldier's Deli	21.79 347	eP	P	09 40 19.6 -0.3
SDMD	comp-Z,72nm,0.8s				
X48A	Hartselle	21.89 321	P	P	09 40 20.8 -0.3
X48A	baz=133,SNR=16				
445A	Amite	21.92 308	P	P	09 40 21.5 +0.1
445A	baz=120				
345A	Thompson Farm	21.98 310	P	P	09 40 22.8 +0.6
345A	baz=122,SNR=7.1				
PSUB	Penn St. - Bra	22.01 350	eP	P	09 40 22.1 -0.3
PSUB	comp-Z,443nm,1.9s				
147A	UCPARC, Winfie	22.02 318	P	P	09 40 22.5 0.0
147A	baz=131,SNR=14				
Y46A	White Castle	22.23 314	P	P	09 40 22.7 0.0
Y46A	baz=126				
544A	White Castle	22.25 306	P	P	09 40 22.1 +1.1
544A	baz=117				
245A	Little AP, Sta	22.27 312	P	P	09 40 25.8 +0.5
245A	baz=123,SNR=8.1				
Z46A	Louisville	22.29 315	P	P	09 40 25.6 +0.2
Z46A	baz=127,SNR=10.0				
X47A	Russellville	22.43 320	P	P	09 40 26.8 -0.1
X47A	baz=132,SNR=12				
PAGS	Pennsylvania G	22.54 347	eP	P	09 40 28.3 +0.3
PAGS	comp-Z,83nm,0.8s				
344A	Westbrook Farm	22.57 309	P	P	09 40 29.2 +0.7
344A	baz=121,SNR=10				
145A	Houston Renfro	22.61 313	P	P	09 40 29.0 +0.1
145A	baz=124				
BRNJ	Basking Ridge	22.62 352	eP	P	09 40 29.0 +0.2

LUPA	comp-Z,308nm,1.1s	22.65 350	eP	P	09 40 30.6 +1.3
LUPA	Lehigh Univers				
LUPA	comp-Z,24nm,1.4s				
LUPA	Houston	22.65 317	eS	S	09 44 35.8 +0.7
LUPA	baz=129,SNR=17				
Y48A	Smith Brothers	22.66 323	P	P	09 40 29.4 0.0
Y48A	baz=136,SNR=13				
543A	St. Martinville	22.77 305	P	P	09 40 31.1 +0.5
543A	comp-Z,134nm,1.1s				
MCWV	Mont Chateau	22.82 341	eP	P	09 40 31.3 +0.3
MCWV	comp-Z,134nm,1.1s				
VBMS	Vicksburg	22.82 311	P	P	09 40 31.7 +0.6
VBMS	baz=123,SNR=5.6				
VBMS	Vicksburg	22.82 311	eP	P	09 40 31.9 +0.8
VBMS	comp-Z,184nm,0.9s				
244A	Avery, Jackson	22.84 311	P	P	09 40 31.9 +0.5
244A	baz=122,SNR=14				
PAL	Palisades	22.85 353	eP	Pmax	09 40 30.9 -0.4
PAL	comp-Z,78nm,0.7s				
PAL	Palisades	22.85 353	eP	P	09 40 30.9 -0.4
PAL	comp-Z,78nm,0.7s				
PLAL	Pickwick Lake	22.87 320	eP	P	09 40 30.7 -0.9
PLAL	comp-Z,868nm,1.8s				
Z45A	Winona	22.89 315	P	P	09 40 32.3 +0.4
Z45A	baz=126				
X46A	Boonville	22.91 319	P	P	09 40 32.8 +0.8
X46A	baz=130,SNR=5.9				
144A	Alexander Plac	22.98 312	P	P	09 40 33.6 +0.9
144A	baz=124				
ODNJ	Ogdensburg	23.02 352	eP	P	09 40 33.6 +0.7
ODNJ	comp-Z,102nm,0.7s				
O56A	Blue Knob Stat	23.02 344	P	P	09 40 33.6 +0.5
O56A	baz=160,SNR=13				
N59A	State Game Lan	23.03 350	P	P	09 40 33.3 +0.1
N59A	baz=167,SNR=13				
YLE	Yale	23.07 355	eP	P	09 40 34.6 +1.1
YLE	comp-Z,209nm,0.6s				

138A	Matatal Enter	26.39 308	P	P	09 41 05.0 +0.6
V40A	Witts Springs	26.41 316	P	P	09 41 05.7 +1.1
ATAH	Atahualpa	26.45 198	P	P	09 41 08.7 +3.2
AAM	Ann Arbor	26.47 338	P	P	09 41 05.2 +0.3
AAM	Ann Arbor	26.47 338	P	P	09 41 04.5 -0.4
AAM	comp=Z,218nm,1.5s		pmax	pmax	
AAM	comp=Z,3um,19.0s		MLR	MLR	
AAM	Ann Arbor	26.47 338	P	P	09 41 04.5 -0.4
AAM	comp=Z,218nm,1.5s		LR	LR	
T41A	Mountain View	26.48 319	P	P	09 41 05.1 -0.1
LONY	Lake Ozonia	26.50 353	eP	P	09 41 06.5 +1.3
LONY	comp=Z,924nm,21.0s		LR	LR	
O45A	Potomac	26.50 329	P	P	09 41 05.9 +0.7
N46A	Monticello	26.55 332	P	P	09 41 06.4 +0.8
Q43A	New Douglas	26.55 325	P	P	09 41 06.6 +0.9
X39A	Fountain Ranch	26.58 312	P	P	09 41 07.0 +0.9
Z38A	Mt. Pleasant	26.59 309	P	P	09 41 06.6 +0.5
FRNY	Flat Rock	26.61 355	eP	P	09 41 07.6 +1.3
SLM	Saint Louis	26.63 324	eP	P	09 41 10.2 +3.7
SLM	comp=Z,105nm,1.3s		pmax	pmax	
SLM	Saint Louis	26.63 324	eP	P	09 41 10.2 +3.7
237A	Washetta, Mont	26.66 306	P	P	09 41 07.1 +0.4
R42A	Luebbing	26.71 322	P	P	09 41 07.2 0.0
W39A	Magazine	26.72 314	P	P	09 41 08.2 +0.9
Y38A	Label	26.73 310	P	P	09 41 08.0 +0.6
U40A	Yellville	26.75 317	P	P	09 41 07.6 -0.1
TLIG	Tipa	26.78 273	eP	P	09 41 10.9 +2.7
M46A	Old House Fiel	26.79 333	P	P	09 41 07.4 -0.4
O44A	Mansfield	26.79 328	P	P	09 41 08.1 +0.2
S41A	Jillico Farms,	26.82 320	P	P	09 41 07.7 -0.5
CCM	Cathedral Cave	26.82 322	P	P	09 41 07.9 -0.3
N45A	Kentland	26.87 330	P	P	09 41 08.8 +0.2
137A	Heron Place, G	26.87 307	P	P	09 41 08.7 0.0
KVXT	Kingsville	26.89 295	PFAKE	LR	09 41 20.0 +1.1
KVXT	comp=Z,2um,20.0s		LR	LR	
PKME	Peaks-Kenny Pk	26.93 2	eP	P	09 41 09.7 +0.6
PKME	comp=Z,53nm,1.1s		LR	LR	
P43A	Skaggs, Pawnee	26.96 326	P	P	09 41 09.4 0.0
V39A	Pettigrew	26.98 315	P	P	09 41 10.0 +0.2
Q42A	Golden Eagle	26.99 324	P	P	09 41 09.6 -0.1
T40A	Mansfield	27.02 319	P	P	09 41 10.0 -0.1
Z37A	Pogue Cattle C	27.04 308	P	P	09 41 10.3 +0.1
R41A	Roseland	27.06 322	P	P	09 41 09.9 -0.5
N44A	Piper City	27.12 330	P	P	09 41 10.7 -0.2
W38A	Poteau	27.16 313	P	P	09 41 12.1 +0.9
X38A	Whitesboro	27.17 312	P	P	09 41 12.1 +0.7
M45A	Boilermakers S	27.17 332	P	P	09 41 11.4 +0.1
U39A	Green Forest	27.18 316	P	P	09 41 11.6 +0.1
236A	Katherine and	27.21 305	P	P	09 41 12.5 +0.7
PLVO	Plevna	27.26 350	eP	P	09 41 13.5 +1.4
S40A	Lebanon	27.29 319	P	P	09 41 12.4 -0.1
O43A	Sugar Creek Fa	27.32 327	P	P	09 41 12.9 +0.2
P42A	Winchester	27.36 325	P	P	09 41 13.0 0.0
Y37A	Hugo	27.40 310	P	P	09 41 13.7 +0.3
SAD0	Sadowa	27.41 346	P	P	09 41 13.0 -0.4
136A	Ennis	27.41 306	P	P	09 41 13.7 +0.2
Q41A	Truxton	27.42 323	P	P	09 41 15.0 +1.5
HHAR	Hobbs	27.43 316	eP	P	09 41 14.2 +0.5
T39A	Cleaver	27.49 317	P	P	09 41 14.4 +0.1
V38A	Canehill	27.51 314	P	P	09 41 14.4 0.0
HDIL	Hopedale	27.51 328	P	P	09 41 14.8 +0.5
HDIL	Hopedale	27.51 328	eP	P	09 41 15.8 +1.4
HDIL	comp=Z,46nm,0.8s		LR	LR	
X37A	Clayton	27.52 311	P	P	09 41 15.1 +0.7
R40A	Maddies Stover	27.59 321	P	P	09 41 15.3 +0.2
435B	Jarrell	27.59 302	P	P	09 41 16.2 +1.0
O42A	Bath	27.66 326	P	P	09 41 16.7 +1.0
Z36A	Blue Ridge	27.68 308	P	P	09 41 18.1 +2.1
LNIG	Linares	27.77 289	eP	P	09 41 16.8 0.0
U38A	Graves	27.81 315	P	P	09 41 16.7 -0.5
P41A	Barry, Barry	27.82 324	P	P	09 41 17.2 +0.1
W37B	Quinton	27.83 312	P	P	09 41 17.4 +0.1
S39A	Bolivar	27.86 319	P	P	09 41 17.3 -0.2
Q40A	Laux Farm, Aux	27.93 322	P	P	09 41 17.7 -0.4
WHTX	Lake Whitney,	27.93 304	P	P	09 41 18.8 +0.5
WHTX	comp=Z,147nm,1.4s		eP	P	09 41 18.8 +0.5
SAML	Samuel	27.98 165	PFAKE	LR	09 41 30.0 +1.1
SAML	comp=Z,2um,20.0s		LR	LR	
M43A	Waltham Townsh	28.01 329	P	P	09 41 18.7 -0.1
V37A	Hubert	28.02 314	P	P	09 41 18.8 -0.2
O41A	Passleys Farm,	28.03 325	P	P	09 41 19.0 0.0
R39A	Chumby, Stover	28.07 320	P	P	09 41 19.0 -0.3
TRQ	Mont Tremblant	28.08 354	eP	P	09 41 23.9 +4.4
T38A	Diamond	28.09 317	P	P	09 41 19.2 -0.4
N42A	Yates City	28.09 327	P	P	09 41 19.4 -0.2
S38A	Stockton	28.19 318	P	P	09 41 20.1 -0.3
X36A	Centrahoma	28.21 310	P	P	09 41 20.6 -0.1

P40A	Paris	28.27 323	P	P	09 41 20.7 -0.5
U37A	Salina	28.28 315	P	P	09 41 21.3 -0.1
833A	Chapparral WMA,	28.36 296	P	P	09 41 22.3 +0.2
PQI	Presque Isle	28.39 3	eP	P	09 41 23.6 +1.5
JRQG	Juriquilla Cam	28.39 280	eP	P	09 41 25.7 +3.0
W36A	Wetumka	28.40 311	P	P	09 41 22.4 0.0
Y35A	Marietta	28.41 308	P	P	09 41 23.0 +0.5
M42A	Sheffield	28.42 328	P	P	09 41 22.6 +0.1
TUL1	Leonard	28.48 313	P	P	09 41 22.8 -0.3
TUL1	Leonard	28.48 313	eP	P	09 41 23.2 +0.1
L43A	Garden Prairie	28.49 331	P	P	09 41 22.7 -0.3
Q39A	Willow Grove F	28.50 321	P	P	09 41 22.8 -0.3
V36A	Jenks	28.52 313	P	P	09 41 23.5 0.0
R38A	Fenwick Farm,	28.52 319	P	P	09 41 22.7 -0.7
T37A	Cheneville 18	28.55 316	P	P	09 41 23.1 -0.6
O40A	La Belle	28.58 324	P	P	09 41 23.5 -0.4
X35A	Drake	28.59 309	P	P	09 41 24.0 -0.1
P39B	Salisbury	28.65 322	P	P	09 41 24.2 -0.3
U36A	Oologah	28.70 314	P	P	09 41 24.9 -0.1
K43A	Burlington	28.71 332	P	P	09 41 25.3 +0.0
L42A	Oliver, Polo	28.79 329	P	P	09 41 25.0 -0.7
Q38A	Cooks Store, C	28.83 320	P	P	09 41 25.6 -0.5
S37A	Fort Scott	28.86 317	P	P	09 41 26.3 0.0
W35A	Tecumseh	28.87 311	P	P	09 41 26.3 -0.3
OK02Z	N3500 Road, Pr	28.91 312	eP	P	09 41 26.9 0.0
N40A	Mertquake, 1s	28.95 326	P	P	09 41 27.0 -0.2
OK02I	N3530 Road, Sp	28.98 312	eP	P	09 41 27.4 -0.1
GLMI	Graying	29.01 339	P	P	09 41 27.7 0.0
GLMI	Graying	29.01 339	PFAKE	LR	09 41 40.0 +1.2
O39A	Kirkville	29.04 324	P	P	09 41 27.9 -0.1
OK02O	N3440 Road, Me	29.06 312	eP	P	09 41 28.2 0.0
V35A	Meyer Ranch, D	29.14 312	P	P	09 41 28.6 -0.4
T36A	Boggs Farm, Ca	29.15 315	P	P	09 41 28.8 -0.2
P38A	Dawn	29.20 322	P	P	09 41 29.1 -0.3
K42A	Prairie Point,	29.23 331	P	P	09 41 29.4 -0.2
L41A	Preston	29.25 328	P	P	09 41 29.6 -0.2
M40A	Post Highland	29.28 326	P	P	09 41 29.9 -0.2
Q37A	Loniew Farm,	29.28 319	P	P	09 41 29.7 -0.5
J43A	Natural Harves	29.29 333	P	P	09 41 29.9 -0.2
JCT	Junction City	29.30 300	P	P	09 41 30.2 -0.2
JCT	Junction City	29.30 300	eP	P	09 41 30.9 +0.4
JCT	comp=Z,82nm,1.5s		pmax	pmax	
JCT	Junction City	29.30 300	eP	P	09 41 30.9 +0.4
JCT	comp=Z,1um,22.0s		MLR	MLR	
JCT	Junction City	29.30 300	eP	P	09 41 30.9 +0.4
JCT	comp=Z,82nm,1.5s		LR	LR	
S36A	Lake Cedric, C	29.33 316	P	P	09 41 30.6 -0.1
U35A	Pawnee	29.37 313	P	P	09 41 30.7 -0.3
N39A	Derby Farms, D	29.44 325	P	P	09 41 31.7 +0.1
O38A	Galt	29.48 322	P	P	09 41 31.7 -0.2
T35A	Sooner Cattle	29.50 314	P	P	09 41 31.9 -0.3
K41A	Shullsburg	29.55 329	P	P	09 41 32.8 +0.3
I43A	Langensfeld Bro	29.57 334	P	P	09 41 32.2 -0.5
L40A	Anamosa	29.60 328	P	P	09 41 32.2 -0.8
R36A	Gordon, Harris	29.62 318	P	P	09 41 33.2 0.0
P37A	Lathrop	29.66 321	P	P	09 41 32.9 -0.6
M39A	Webster	29.68 326	P	P	09 41 33.3 -0.4
JFWS	Jewell Farm	29.76 330	P	P	09 41 33.9 -0.5
JFWS	Jewell Farm	29.76 330	eP	P	09 41 33.8 -0.5
JFWS	comp=Z,40nm,0.6s		pmax	pmax	
JFWS	Jewell Farm	29.76 330	eP	P	09 41 33.8 -0.5
JFWS	comp=Z,2um,19.0s		MLR	MLR	
JFWS	Jewell Farm	29.76 330	eP	P	09 41 33.8 -0.5
JFWS	comp=Z,40nm,0.6s		LR	LR	
S35A	Otter Creek Ra	29.79 316	P	P	09 41 34.4 -0.3
N38A	Joe South For	29.79 324	P	P	09 41 34.4 -0.3
ABTX	Abilene, Hawle	29.89 304	P	P	09 41 35.7 +0.1
ABTX	Abilene, Hawle	29.89 304	eP	P	09 41 35.8 +0.1
H43A	Windswept, Lux	29.89 335	P	P	09 41 35.3 -0.2
O37A	Wolven Farm, M	29.91 322	P	P	09 41 35.0 -0.7
I42A	Draeger Farm,	29.91 333	P	P	09 41 35.4 -0.2
Q36A	Arnold C. Orve	29.96 319	P	P	09 41 35.9 -0.3
J41A	Loganville	29.99 331	P	P	09 41 36.5 0.0
T34A	McClaskey Farm	30.02 314	P	P	09 41 36.8 0.0
K40A	Colorado	30.03 329	P	P	09 41 36.0 -0.7
L39A	Vinton	30.05 327	P	P	09 41 36.1 -0.8
R35A	Emporia Munci	30.07 317	P	P	09 41 36.3 -0.8
WMOK	Wichita Mounta	30.07 309	P	P	09 41 36.9 -0.3
WMOK	Wichita Mounta	30.07 309	eP	P	09 41 37.1 -0.2
WMOK	comp=Z,29nm,1.2s		pmax	pmax	
WMOK	comp=Z,3um,19.0s		MLR	MLR	
WMOK	Wichita Mounta	30.07 309	eP	P	09 41 37.1 -0.2
WMOK	comp=Z,29nm,1.2s		LR	LR	
M38A	Pleasantville	30.19 325	P	P	09 41 37.6 -0.7
P36A	Good Intent, A	30.20 320	P	P	09 41 37.6 -0.7
Q35A	Mercer Eighty,	30.27 318	P	P	09 41 38.4 -0.5
VLDQ	Val d'Or	30.31 351	eP	P	09 41 41.6 +2.5

S34A	Willow Spring	30.32 315	P	P	09 41 38.9 -0.6
N37A	Lee Farms, Mou	30.33 323	P	P	09 41 39.1 -0.3
J40A	Soldiers Grove	30.36 330	P	P	09 41 38.8 -0.8
O36A	Bolkow	30.37 321	P	P	09 41 38.8 -1.0
ZAIG	Zacatecas	30.40 284	eP	P	09 41 43.4 +2.7
K39A	Olweine	30.41 328	P	P	09 41 39.1 -1.0
I41A	Arkdale	30.47 332	P	P	09 41 39.5 -1.1
G43A	Wallace	30.51 336	P	P	09 41 40.2 -0.7
SCIA	State Center	30.54 325	eP	P	09 41 42.3 +1.0
SCIA	comp=Z,40nm,0.8s		LR	LR	
L38A	Oak Wood Farm,	30.57 326	P	P	09 41 40.2 -1.3
P35A	Duane Minner,	30.65 319	P	P	09 41 41.1 -1.2
I40A	Norwalk	30.68 331	P	P	09 41 41.2 -1.3
NNA	Nana	30.73 192	eP	MLR	09 41 44.7 +1.5
NNA	Nana	30.73 192	eP	MLR	09 41 44.7 +1.5
NNA	comp=Z,1um,20.0s		LR	LR	
R34A	Isabella, Hill	30.74 316	P	P	09 41 43.0 -0.1
KSU1	Kansas State U	30.77 318	P	P	09 41 42.4 -1.0
KSU1	Kansas State U	30.77 318	eP	P	09 41 43.0 -0.3
KSU1	comp=Z,3um,19.0s		LR	LR	
J39A	Decorah	30.78 329	P		

J34A	George	32.96 325	P	P	09 42 02.2 -0.3
L33A	Hoskins	33.00 322	P	P	09 42 02.3 -0.6
F37A	Hirchins Farm,	33.00 331	P	P	09 42 02.5 -0.3
BGNE	Belgrade	33.07 320	P	P	09 42 03.1 -0.4
K33A	Hardington	33.11 323	P	P	09 42 03.7 -0.2
E38A	The Farm, Brul	33.20 333	P	P	09 42 03.7 -0.8
H35A	Sunnyside Ranc	33.33 328	P	P	09 42 04.0 -0.9
I34A	Hadley	33.41 326	P	P	09 42 06.0 -0.4
F36A	Milaca	33.52 330	P	P	09 42 06.3 -1.1
G35A	Watkins	33.52 329	P	P	09 42 06.6 -0.8
J33A	Davis	33.55 324	P	P	09 42 06.6 -1.0
C39A	Grand Marais	33.58 336	P	P	09 42 07.1 -0.7
ECSD	EROS Data Cent	33.62 325	P	P	09 42 07.4 -0.9
ECSD	EROS Data Cent	33.62 325	eP	P	09 42 07.6 -0.7
ECSD	comp=Z,3um,19.0s		LR	LR	
K32A	Verdige	33.71 322	P	P	09 42 07.7 -1.4
H34A	Spellman Lake,	33.79 327	P	P	09 42 08.9 -0.9
E36A	McGregor	33.88 331	P	P	09 42 09.9 -0.7
C38A	Sawbill Land.	33.95 335	P	P	09 42 10.4 -0.7
D37A	Cotton	34.00 333	P	P	09 42 10.9 -0.6
F35A	Swanville	34.02 329	P	P	09 42 10.5 -1.2
J32A	Parkston	34.08 323	P	P	09 42 10.9 -1.4
G34A	Benson	34.12 328	P	P	09 42 11.9 -0.7
K31A	O'Neill	34.15 321	P	P	09 42 12.2 -0.7
EYMN	Ely	34.23 335	P	P	09 42 13.1 -0.4
EYMN	Ely	34.23 335	PFAKE	LR	09 42 30.0 +1.6
MNTX	comp=Z,2um,21.0s		LR	LR	
MNTX	Cornudas Mount	34.23 300	P	P	09 42 13.9 +0.2
MNTX	Cornudas Mount	34.23 300	eP	P	09 42 14.2 +0.4
MNTX	comp=Z,45nm,1.0s		LR	LR	
F34A	Alexandria	34.31 329	P	P	09 42 13.2 -1.1
H33A	Prehn Over Nor	34.31 326	P	P	09 42 13.2 -1.1
D36A	Goodland	34.34 332	P	P	09 42 13.4 -1.1
C37A	Embarrass	34.34 334	P	P	09 42 13.8 -0.7
LPZA	La Paz	34.42 176	P	P	09 42 16.1 0.0
LPZA	comp=Z,2.2nm,1.0s,baz=6.5,slow=9.7,SNR=1.8		LR	LR	09 47 45.0 +2.5
LPZA	comp=Z,2um,21.0s,baz=342,slow=38		LR	LR	09 57 28.0
LPZA	La Paz	34.42 176	eP	P	09 42 16.3 +0.2
LPZA	La Paz	34.42 176	eP	P	09 47 45.0 +2.5
LPZA	comp=Z,18nm,0.9s		P	P	09 42 16.3 +0.2
LPZA	La Paz	34.42 176	eP	P	09 42 16.3 +0.2
LPZA	comp=Z,18nm,0.9s		S	S	09 47 45.0 +2.5
E35A	Pequot Lakes	34.45 330	P	P	09 42 16.0 -0.9
G33A	Ortonville	34.50 327	P	P	09 42 15.3 -0.6
ARE	Aresquipa	34.53 182	eP	P	09 42 16.0 -0.7
ARE	Aresquipa	34.53 182	eP	P	09 42 16.0 -0.7
J31A	Geddes	34.54 322	P	P	09 42 15.2 -1.1
H32A	Carlson Farm,	34.57 325	P	P	09 42 15.7 -0.8
C36A	Pine Crest Far	34.64 333	P	P	09 42 16.5 -0.6
D35A	Remer	34.67 331	P	P	09 42 16.7 -0.7
K30A	Kaye Shedlock	34.74 313	P	P	09 42 18.3 +0.2
K30A	Kaye Shedlock	34.74 313	eP	P	09 42 18.4 +0.2
F33A	5 Mile Ranch,	34.86 328	P	P	09 42 18.7 -0.3
G32A	Webster	35.09 326	P	P	09 42 20.7 -0.4
C35A	Jirik Farms, M	35.10 332	P	P	09 42 20.6 -0.4
D34A	Park Rapids	35.20 330	P	P	09 42 21.5 -0.4
T25A	Trinidad	35.22 309	P	P	09 42 22.6 +0.1
OGNE	Ogallala	35.27 317	P	P	09 42 22.8 +0.1
OGNE	Ogallala	35.27 317	eP	P	09 42 23.2 +0.5
OGNE	comp=Z,229nm,2.0s		LR	LR	
MHTCO	State Highway	35.42 309	eP	P	09 42 25.1 +0.8
C34A	RKJ Ranch, Bea	35.48 331	P	P	09 42 23.2 -1.1
B35A	Bob, Littlefor	35.49 333	P	P	09 42 23.3 -1.0
D33A	AnnSam, Waubun	35.55 330	P	P	09 42 23.7 -1.3
F31A	Hecla	35.89 326	P	P	09 42 26.8 -1.1
BNM	Barren Site	35.91 303	eP	P	09 42 29.5 +1.1
LPM	Los Pinos Moun	35.96 304	eP	P	09 42 29.7 +0.9
C33A	Trail	35.96 331	P	P	09 42 26.8 -1.6
B34A	Aery, Baudette	35.99 332	P	P	09 42 27.3 -1.3
ANMO	Albuquerque	36.01 303	P	P	09 42 27.7 -1.6
ANMO	Albuquerque	36.01 305	eP	P	09 42 29.8 +0.5
ANMO	comp=Z,16nm,1.7s		P	P	09 42 29.8 +0.5
ANMO	Albuquerque	36.01 305	PFAKE	LR	09 42 40.0 +1.1
E31A	Nome	36.16 327	P	P	09 42 29.8 -0.4
B33A	Robert and Kas	36.25 331	P	P	09 42 30.2 -0.7
SDCO	Great Sand Dun	36.26 310	P	P	09 42 31.6 +0.2
SDCO	Great Sand Dun	36.26 310	eP	P	09 42 31.4 0.0
SDCO	comp=Z,2um,21.0s		LR	LR	
LAZ	Ladron	36.38 304	eP	P	09 42 33.5 +1.0
AGMN	Agassiz Nation	36.39 331	P	P	09 42 31.3 -0.9
AGMN	Agassiz Nation	36.39 331	eP	P	09 42 31.3 -0.9
AGMN	comp=Z,2um,19.0s		LR	LR	
121A	Cookes Peak, D	36.41 300	P	P	09 42 33.8 +1.1
121A	Cookes Peak, D	36.41 300	eP	P	09 42 34.0 +1.2
Q24A	Divide	36.49 312	P	P	09 42 33.0 -0.4
SCHO	Schefferville	36.59 3	P	P	09 42 33.3 -0.5
SCHO	comp=Z,27nm,0.6s,baz=198,slow=7.2,SNR=30		LR	LR	09 56 29.4
SCHO	comp=Z,335nm,20.8s,baz=192,slow=34		LR	LR	09 56 29.4
SCHO	Schefferville	36.59 3	eP	P	09 42 33.5 -0.2
A33A	Warroad	36.65 332	P	P	09 42 33.3 -1.0
B32A	Ashes, Strandq	36.77 331	P	P	09 42 34.3 -1.1
C31A	Lanman Farms,	36.92 329	P	P	09 42 36.6 0.0
A32A	Rocking H Ranc	37.13 331	P	P	09 42 37.6 -0.8
ISCO	Idaho Springs	37.16 313	P	P	09 42 39.4 +0.3
ISCO	Idaho Springs	37.16 313	eP	P	09 42 39.6 +0.4
ISCO	comp=Z,25nm,0.9s		P	P	09 42 39.6 +0.4
ISCO	comp=Z,2um,21.0s		MLR	MLR	
ISCO	Idaho Springs	37.16 313	eP	P	09 42 39.6 +0.4
ISCO	comp=Z,24nm,0.9s		LR	LR	
SLBS	Sierra La Lagu	37.21 285	eP	P	09 42 43.1 +3.6
S22A	4UR Ranch, Cre	37.23 309	P	P	09 42 40.2 +0.5
B31A	Greenbush Fra	37.32 330	P	P	09 42 39.5 -0.5
PHWY	Pilot Hill	37.31 315	eP	P	09 42 44.1 +0.3
ULM	Lac du Bonnet	37.84 333	eP	P	09 42 42.5 -1.8
ULM	Lac du Bonnet	37.84 333	eP	P	09 42 42.5 -1.8
ULM	comp=Z,1um,20.8s,baz=136,slow=36		LR	LR	09 57 57.0
ULM	Lac du Bonnet	37.84 333	eP	P	09 42 42.9 -1.4
ULM	comp=Z,100nm,1.4s		P	P	09 42 42.9 -1.4
ULM	Lac du Bonnet	37.84 333	eP	P	09 42 42.9 -1.4
N23A	Red Feather La	37.86 314	eP	P	09 42 44.7 -0.4
SMCO	Snowmass	37.87 311	eP	P	09 42 45.7 +0.4
MDND	Maddock	37.89 328	P	P	09 42 45.6 +0.7
MDND	Maddock	37.89 328	eP	P	09 42 46.2 +1.3
RSSD	Black Hills	38.18 320	P	P	09 42 47.4 -0.2
RSSD	Black Hills	38.18 320	eP	P	09 42 47.3 -0.3
RSSD	comp=Z,19nm,1.3s		P	P	09 42 47.3 -0.3
RSSD	Black Hills	38.18 320	eP	P	09 42 47.3 -0.3
RSSD	comp=Z,19nm,1.3s		P	P	09 42 49.2 +0.5
MVCO	Mesa Verde	38.30 307	eP	P	09 42 51.0 +2.3
MVCO	Mesa Verde	38.30 307	eP	P	09 42 51.0 +2.3
MVCO	comp=Z,17nm,1.1s		LR	LR	
HSIG	comp=Z,29nm,1.0s		P	P	09 42 51.8 +1.9
W18A	Petrified Fore	38.63 304	P	P	09 42 52.8 +1.3
X18A	Snowflake	38.65 303	eP	P	09 42 53.2 +1.5
PV01	Paradox Valley	38.66 309	eP	P	09 42 53.2 +1.5
TUC	Tucson	38.84 299	P	P	09 42 54.2 +1.0
TUC	Tucson	38.84 299	eP	P	09 42 54.2 +1.0
TUC	comp=Z,12nm,1.0s		P	P	09 42 54.5 +1.3
TUC	Tucson	38.84 299	eP	P	09 42 54.5 +1.3
TUC	comp=Z,1um,19.0s		MLR	MLR	
TUC	Tucson	38.84 299	eP	P	09 42 54.5 +1.3
TUC	comp=Z,12nm,1.0s		LR	LR	
PV04	Paradox Valley	38.99 309	eP	P	09 42 55.2 +0.7
PV05	Paradox Valley	39.03 308	eP	P	09 42 55.0 +0.2
K22A	Casper	39.03 316	P	P	09 42 54.9 +0.2
K22A	Casper	39.03 316	eP	P	09 42 54.6 -0.1
RWWY	Rawlins	39.06 315	eP	P	09 42 55.7 +0.6
PV10	Paradox Valley	39.09 309	eP	P	09 42 56.2 +0.8
O20A	White River Ci	39.15 312	P	P	09 42 56.6 +0.8
O20A	White River Ci	39.15 312	eP	P	09 42 56.1 +0.4
PV09	Paradox Valley	39.20 309	eP	P	09 42 57.4 +1.1
X16A	Lo Mia Camp, P	39.32 302	eP	P	09 42 53.0 +1.6
WUJZ	Wupatki	40.03 304	P	P	09 43 04.2 +1.0
WUJZ	Wupatki	40.03 304	eP	P	09 43 04.3 +1.2
WUJZ	comp=Z,2um,20.0s		LR	LR	
P18A	Preston Nutter	40.40 310	eP	P	09 43 07.0 +0.7
SRU	San Rafael Swe	40.43 309	eP	P	09 43 07.0 +0.6
SRU	San Rafael Swe	40.43 309	eP	P	09 43 07.0 +0.6
SRU	comp=Z,14nm,0.8s		P	P	09 43 07.0 +0.6
214A	Organ Pipe Nat	40.47 298	P	P	09 43 08.2 +1.5
214A	Organ Pipe Nat	40.47 298	eP	P	09 43 07.8 +1.1
YJA	Yavi	40.49 173	iP	P	09 43 06.0 -1.2
YJA	Yavi	40.49 173	iP	IAMB	09 43 07.5
YJA	comp=Z,50nm,0.9s		IAMB	IAMB	
YJA	comp=Z,15nm,0.7s		IAMB	IAMB	
DGMT	Dagmar	40.69 325	P	P	09 43 08.9 +0.7
DGMT	baz=126,SNR=8.3		P	P	09 43 08.6 +0.4
DGMT	Dagmar	40.69 325	eP	P	09 43 08.6 +0.4
DGMT	comp=Z,7.2nm,0.8s		LR	LR	
P17A	Butcher Ranch,	40.70 310	eP	P	09 43 09.5 +0.8
LAO	LASA Array	40.84 322	P	P	09 43 09.6 0.0
LAO	LASA Array	40.84 322	eP	P	09 43 10.3 +0.8
LAO	comp=Z,33nm,1.1s		LR	LR	
Q16A	Castle Valley	40.84 309	eP	P	09 43 12.4 +2.6
U15A	North Rim	40.98 305	eP	P	09 43 12.4 +1.3
TMUT	Trail Mountain	40.99 309	eP	P	09 43 12.0 +0.8
BW06	Boulder Array	41.10 315	P	P	09 43 11.4 -0.6
BW06	Boulder Array	41.10 315	eP	P	09 43 11.6 -0.4
BW06	comp=Z,50nm,1.7s		LR	LR	
PD31	Pinedale Array	41.10 315	eP	P	09 43 11.6 -0.3
PDAR	Pinedale Array	41.10 315	eP	P	09 43 11.3 -0.6
PDAR	comp=Z,3.1nm,0.7s,baz=114,slow=9.7,SNR=26		P	P	09 45 10.1 -1.1
PKCU	Pink Cliffs	41.27 306	eP	P	09 43 17.4 +3.9
EKU	comp=Z,2.2nm,2.0s				

5d 9h

TPNV	comp=Z,27nm,1.0s	44.20 304	eP	P	09 43 39.0 +1.9
109C	Topopah Spring comp=Z,26nm,1.0s	44.20 299	P	P	09 43 38.1 +1.1
HRV	Camp Elliot, M baz=97,SNR=6.3	44.23 319	eP	P	09 43 37.5 +0.4
BBRC	Holter Researc Big Bear Solar baz=99,SNR=11	44.24 301	P	P	09 43 38.8 +1.2
FSA	Calayete comp=Z,56nm,1.2s	44.33 174	iP	IAMB	09 43 36.6 -1.5
FSA					09 43 38.1
MURC	comp=Z,7.5nm,0.7s	44.37 300	P	P	09 43 39.8 +1.4
FURC	Murrieta baz=98,SNR=9.6	44.58 304	P	P	09 43 41.4 +1.4
HLID	Furnace Creek, baz=101,SNR=13	44.69 314	P	P	09 43 41.1 +0.2
HLID	Hailey baz=110,SNR=9.4	44.69 314	eP	P	09 43 41.4 +0.5
HLID	Hailey comp=Z,16nm,1.3s				
BFSC	comp=Z,1.0um,20.0s	44.84 300	P	P	09 43 41.7 -0.6
SACV	Mount Baldy Ra baz=98,SNR=12	44.88 87	PFAKE		09 43 50.0 +7.3
MPMC	Santiago Islan comp=Z,241nm,20.0s	45.00 303	P	P	09 43 44.1 +0.5
LRMC	Manual Prospec baz=100,SNR=9.0	45.06 302	P	P	09 43 44.7 +0.8
AHML	Laurel Mtn Rad baz=100,SNR=9.2	45.06 174	iP	IAMB	09 43 42.8 -1.1
AHML	Horco Molle comp=Z,18nm,0.8s				09 43 45.3
AHML					09 43 45.7
DAC	comp=Z,5.9nm,0.6s	45.08 304	P	P	09 43 45.1 +1.0
DAC	Grapevine Rang baz=101,SNR=7.0	45.13 303	eP	P	09 43 46.1 +1.5
DAC	Darwin (Calif) comp=Z,20nm,1.2s	45.13 303	eP	P	09 43 46.1 +1.5
DAC	Darwin (Calif) comp=Z,21nm,1.2s	45.13 303	eP	P	09 43 46.1 +1.5
MWC	Mount Wilson comp=Z,56nm,1.8s	45.17 300	eP	P	09 43 46.0 +1.1
MWC	Mount Wilson comp=Z,56nm,1.8s	45.17 300	eP	P	09 43 46.0 +1.1
EDW2	Edwards Air Fo baz=99,SNR=20	45.27 300	eP	P	09 43 47.4 +1.9
PASC	Pasadena Art C comp=Z,24nm,1.2s	45.36 299	P	P	09 43 46.3 +0.1
CIS	Catalina Islan baz=97	45.40 300	P	P	09 43 46.6 0.0
DECC	Green Verdugo baz=96	45.40 303	P	P	09 43 48.2 +0.4
CWC	Cottonwood Cre baz=100	45.60 319	P	P	09 43 48.4 +0.3
MSO	Missoula baz=114,SNR=6.1	45.60 319	eP	P	09 43 48.4 +0.3
MSO	Missoula comp=Z,59nm,1.8s	45.61 313	eP	P	09 43 48.6 +0.4
MFID	Camas Ranch comp=Z,16nm,1.0s	45.73 302	eP	P	09 43 53.3 +4.1
ISA	Isabella, Lake comp=Z,62nm,2.0s	45.73 302	eP	P	09 43 53.3 +4.1
ISA	Isabella, Lake comp=Z,62nm,2.0s	45.73 302	eP	P	09 43 53.3 +4.1
BMN	Battle Mountai comp=Z,17nm,0.8s	45.75 309	eP	P	09 43 50.6 +1.2
BMN	Battle Mountai comp=Z,17nm,0.8s	45.75 309	eP	P	09 43 50.6 +1.2
OSI	Osito Audit: C baz=98	45.77 301	eP	P	09 43 49.9 +0.4
OSI	Osito Audit: C comp=Z,17nm,0.8s	45.77 301	eP	P	09 43 51.1 +1.6
ARVC	Arvin baz=98,SNR=7.4	45.93 301	P	P	09 43 51.8 +1.1
NV11	Mina Aray Sit comp=Z,8.6nm,1.6s	45.99 306	eP	P	09 43 52.3 +1.0
KVN	Kaiserville comp=Z,21nm,0.8s	46.08 307	eP	P	09 43 52.9 +0.9
KVN	Kaiserville comp=Z,20nm,0.8s	46.08 307	eP	P	09 43 52.9 +0.9
NV01	Mina Aray Sit baz=106,SNR=15	46.10 306	eP	P	09 43 53.1 +0.8
NVAR	Mina Aray Bea comp=Z,18nm,0.8s,baz=94,slow=8.3,SNR=106	46.13 164	P	ScP	09 49 16.3 -2.7
NVAR					09 43 57.8
CPUP	Villa Florida comp=Z,2um,18.4s,baz=105,slow=40	46.13 164	P	LR	10 05 51.0 -1.2
CPUP	Villa Florida comp=Z,64nm,0.9s,baz=342,slow=7.5,SNR=116	46.18 320	eP	LR	10 05 50.1
CPUP	Jette comp=Z,75nm,18.3s,baz=352,slow=39	46.18 320	eP	LR	10 05 50.1
CPUP	Jette comp=Z,31nm,0.8s	46.24 302	P	P	09 43 51.0 -1.2
YES	Vestal, Richgr baz=99,SNR=15	46.24 302	P	P	09 43 54.3 +1.1
MLAC	Mammoth, Mammo baz=101	46.35 305	P	P	09 43 55.8 +1.5
NRS	Narsarsuaq comp=Z,131nm,1.2s	46.36 16	eP	P	09 43 54.6 +1.0
NRS	Narsarsuaq comp=Z,131nm,1.2s	46.36 16	eP	P	09 43 54.6 +1.0
SCC2	Santa Cruz Isl baz=97	46.44 300	P	P	09 43 55.6 +0.9
RCTZ	Rector, Farmer baz=99,SNR=9.2	46.44 303	P	P	09 43 55.7 +1.0
WALA	Waterton Lakes comp=Z,23nm,1.2s	46.54 305	eP	P	09 43 57.5 +1.7
MDPB	Devils Postpil comp=Z,17nm,0.8s	46.66 174	iP	IAMB	09 43 55.2 -1.2
CYA	Choyo comp=Z,25nm,0.8s				09 43 56.8
CYA					09 43 56.8
PKM	Mcpheerson Peak baz=98	46.70 301	P	P	09 43 58.5 +1.5
VCA	Vinchina comp=Z,22nm,0.7s	46.78 177	iP	IAMB	09 43 58.0 +0.5
VCA					09 44 00.0
VCA					09 44 00.1
SMMC	Simmler baz=98	46.90 302	P	P	09 43 57.8 -0.6
YERR	Verington comp=Z,36nm,0.8s	46.93 307	eP	P	09 43 59.7 +1.0
WAKR	Walker comp=Z,38nm,1.2s	46.99 306	eP	P	09 44 00.9 +1.7
LCO	Las Campanas comp=Z,126nm,1.0s	47.01 180	eP	LR	09 43 59.5 +0.1
LCO	Las Campanas comp=Z,648nm,22.0s	47.01 180	eP	IAMB	09 43 59.3 -0.1
LCO					09 44 00.9
LCO					09 44 01.2
BMO	comp=Z,29nm,0.7s	47.08 315	eP	P	09 43 59.6 -0.1
BMO					09 44 00.0
BMO	comp=Z,21nm,1.4s	47.08 315	eP	P	09 43 59.6 -0.1
BMO					09 44 00.1
PAHR	Pine Rah Range comp=Z,7nm,1.0s	47.19 308	eP	P	09 44 03.2 +2.5
PNTR	Pah Nut comp=Z,15nm,0.9s	47.23 307	eP	P	09 44 03.3 +2.2
WVOR	Wild Horse Val comp=Z,31nm,1.0s	47.29 311	eP	P	09 44 01.9 +0.5
WVOR					09 44 01.9 +0.5

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WVOR	Wild Horse Val comp=Z,31nm,1.0s	47.29 311	eP	P	09 44 01.9 +0.5
WVOR					
F10A	comp=Z,2um,22.0s	47.40 316	eP	P	09 44 01.8 -0.3
J08A	Beach Farm, St comp=Z,117nm,1.9s	47.43 313	eP	P	09 44 02.6 +0.2
CMB	Circle Bar Ran comp=Z,81nm,1.6s	47.52 178	iP	P	09 44 03.2 0.0
CMB	GUANDACOL, Columbia Colle comp=Z,10nm,1.0s	47.63 305	eP	P	09 44 04.9 +0.9
CMB	Columbia Colle comp=Z,7nm,1.0s	47.63 305	eP	P	09 44 04.9 +0.9
BEKR	Beckworth comp=Z,7.4nm,1.0s	47.96 308	eP	P	09 44 07.0 +0.2
NEW	Newport baz=112,SNR=27	48.14 319	eP	P	09 44 07.6 -0.3
NEW	Newport comp=Z,180nm,1.9s	48.14 319	eP	P	09 44 07.8 0.0
NEW					09 44 07.8 0.0
NEW	Newport comp=Z,2um,22.0s	48.14 319	eP	P	09 44 07.8 0.0
NEW	Newport comp=Z,180nm,1.9s	48.14 319	eP	P	09 44 07.8 0.0
E09A	comp=Z,2um,22.0s	48.18 317	eP	P	09 44 08.3 +0.3
AFDM	Wood Farm, St comp=Z,24nm,1.8s	48.25 306	eP	P	09 44 09.7 +0.9
G08A	Forest Hills D comp=Z,23nm,1.2s	48.33 315	eP	P	09 44 09.7 +0.3
I07A	Pilot Rock comp=Z,39nm,1.2s	48.35 313	eP	P	09 44 09.8 +0.2
MOD	Ize comp=Z,14nm,1.0s	48.36 310	eP	P	09 44 09.6 -0.1
C09A	Modoc Plateau comp=Z,13nm,0.8s	48.70 318	eP	P	09 44 12.2 +0.1
ORV	Chrisman Ranch comp=Z,115nm,1.9s	48.76 307	eP	P	09 44 13.4 +0.7
ORV	Oroville comp=Z,18nm,1.1s	48.76 307	eP	P	09 44 13.4 +0.7
ORV	Oroville comp=Z,18nm,1.1s	48.76 307	eP	P	09 44 13.4 +0.7
E08A	Dider Farm, El comp=Z,29nm,0.9s	48.77 316	eP	P	09 44 13.0 +0.4
D08A	Wollman Farm, comp=Z,16nm,1.0s	48.86 317	eP	P	09 44 13.4 +0.1
AMOC	MOGNA HAWA Hanford comp=Z,14nm,0.8s	49.05 316	eP	P	09 44 14.4 +0.1
HAWA					09 44 14.8 +0.1
O03D	comp=Z,2um,22.0s	49.13 308	P	P	09 44 15.8 +0.3
RTLL	Paynes Creek baz=101,SNR=7.6	49.35 178	iP	IAMB	09 44 17.2 -0.1
RTLL	Cerro Villucun comp=Z,145nm,0.8s				09 44 18.1
J05D	Fort Rock, OR baz=104	49.36 312	P	P	09 44 16.6 -0.8
G06A	Carlson Farm, comp=Z,36nm,1.0s	49.45 314	eP	P	09 44 19.2 +1.3
M04C	Misael baz=102,SNR=5.5	49.45 310	P	P	09 44 18.2 +0.1
B08A	Colville Reser comp=Z,33nm,0.9s	49.55 319	eP	P	09 44 18.3 -0.4
ZON	Zona comp=Z,54nm,1.0s	49.56 178	iP	IAMB	09 44 19.3 +0.5
TCA	Tanti comp=Z,15nm,0.8s	49.64 173	iP	IAMB	09 44 19.7
TCA					09 44 20.0
WDC	Whiskeytown Da comp=Z,9.0nm,0.9s	49.73 308	eP	P	09 44 19.4 -0.7
WDC	Whiskeytown Da comp=Z,9.0nm,0.9s	49.73 308	eP	P	09 44 19.4 -0.7
WDC	Whiskeytown Da comp=Z,9.0nm,0.9s	49.73 308	eP	P	09 44 19.4 -0.7
RTLS	Leoncito comp=Z,99nm,0.8s	49.80 179	iP	IAMB	09 44 21.8 +0.9
RTLS					09 44 23.1
RTLS					09 44 23.6
RTVC	Cerro Valdivia baz=105	49.88 178	iP	P	09 44 21.6 +0.4
G05D	Wamic, OR baz=101	49.91 314	P	P	09 44 21.8 +0.3
N02D	Trinity Center baz=101	49.93 308	P	P	09 44 21.8 +0.1
J04D	Umpqua Nationa baz=103,SNR=11	49.97 312	P	P	09 44 22.1 0.0
LTY	Libert comp=Z,147nm,2.0s	50.05 317	eP	P	09 44 22.6 +0.1
YBH	Yreka Blue Hor comp=Z,9.0nm,0.8s	50.08 309	eP	P	09 44 22.6 -0.2
YBH	Yreka Blue Hor comp=Z,9.0nm,0.8s	50.08 309	eP	P	09 44 22.6 -0.2
M02C	Callahan baz=101,SNR=5.1	50.12 309	P	P	09 44 22.9 -0.2
AUSP	Uspallata baz=103	50.22 179	iP	P	09 44 25.3 +1.2
I04A	Tendick Farm, baz=103	50.31 312	P	P	09 44 24.3 -0.2
ACAN	Cantantal Kangerlussuaq comp=Z,17nm,0.8s	50.36 176	iP	P	09 44 25.2 +0.4
SFJD		50.36 10	eP	P	09 44 26.2 +1.8
SFJD		50.36 10	iP	P	09 44 25.1 +0.7
SFJD		50.36 10	eP	P	09 44 26.2 +1.8
SFJD					09 44 26.2 +1.8
H04A	comp=Z,1um,22.0s	50.36 313	eP	P	09 44 25.5 +0.6
KCPM	Detroit Lake comp=Z,35nm,0.8s	50.37 307	eP	P	09 44 26.4 +1.3
KMRM	Cahto Peak comp=Z,27nm,0.8s	50.55 307	eP	P	09 44 27.2 +0.8
ASAL	Mall Ridge comp=Z,101nm,1.6s	50.60 178	iP	P	09 44 27.3 +0.6
MRA	Salagata San Martin comp=Z,33nm,0.8s	50.61 175	iP	IAMB	09 44 26.3 -0.5
MRA					09 44 28.2
MRA					09 44 28.2
LOM	Longmire comp=Z,23nm,0.6s	50.65 316	eP	P	09 44 26.4 -0.6
LOM					09 44 26.4 -0.6
L02D	comp=Z,22nm,1.0s	50.65 316	eP	P	09 44 26.4 -0.6
ARCO	CERRA ARCO Drain, OR baz=102	50.85 178	iP	P	09 44 29.3 +0.6
ROCI	El Roble comp=Z,22nm,1.0s	50.96 181	iP	P	09 44 29.7 +0.5
AAGR	Agrelo comp=Z,36nm,0.8s	51.09 178	iP	P	09 44 36.4 +6.8
PEL	Peidheue comp=Z,33nm,0.9s	51.13 180	eP	P	09 44 30.9 +0.5
PEL					09 44 31.0 +0.4
PEL					09 44 31.0 +0.4
B05A	Bryant comp=Z,33nm,0.9s	51.27 318	eP	P	09 44 30.9 -0.7
LLLB	Lillooet ILULI comp=Z,25nm,0.7s	51.87 321	eP	P	09 44 36.2 +0.1
ILULI	Ilulissat comp=Z,25nm,0.7s	52.32 9	eP	P	09 44 37.6 -1.4

Table with columns: COLA, comp-Z, 1.1m, 19.0s, 68.28 333 eP, P, 09 46 27.3 -0.9, etc.

Table with columns: CLTB, comp-Z, 469nm, 20.0s, 74.21 44 eP, P, 09 47 03.9 -0.7, etc.

Table with columns: MOS, comp-Z, 94nm, 1.7s, pmax, pmax, PPT, Papeete, 85.58 250 LR, LR, 10 18 28.2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, MAZK Makanchi, etc.

IDC 05 11:13:13.6.2.6.36:38N:71.65E, h82km, 22km, mb3.5/17, mb1.3/2.3, mb1mx3.6/5.1, mbtmp3.9/23, MS2.6/1, Ms1 3.2/7, ms1mx2.3/3.9, Error ellipse: s-maj=16.8km s-min=11.9km az=13.0.
ISCJJB 05 11:13:18.0.3.36:34N:03.72E:0.06, h124km, mb3.7/24, Error ellipse: s-maj=6.9km s-min=3.2km az=151.2

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, PKIN Phulchoki, PKIN Phulchoki, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like K04D Chiloquin, I04A Tendick Farm, ORV Oroville, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G08A Pitagor, P010 Paradox Valley, TXAR Lajitas Arr, etc.

IDC 05 11:50:55.2.2.2.20:81S:178.30W, h562km, 27km, mb2.7/5, mb1 3.0/7, mb1mx3.8/36, mbtmp3.7/8, Error ellipse: s-maj=36.1km s-min=18.8km az=144.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, URZ Urewera, CTA Charters Tower, etc.

MEX 05 11:59:48.7.0.3, 18:27N:103:42W, h11km, 16km, MD3.6, near coast of Michoacan

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

IDC 05 12:07:02.1.1.8.4:15N:95:77E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.6/33, mbtmp3.7/7, ML3.2/2, MS3.2/4, Ms1 3.2/4, ms1mx2.8/43, Error ellipse: s-maj=63.8km s-min=17.7km az=57.0

ISCJJB 05 12:07:04.2.1.2.4:55N:0:04:96:22E:0:07, h11km, 6km, mb3.7/5, MS3.5/1, Error ellipse: s-maj=11.5km s-min=6.1km az=176.9

DJA 05 12:07:06.1.0.5.5:N:2.9:6E, h10km, M4.1/12, MLV4.1/12

ISC 05 12:07:04.9.1.6.4:58N:0:04:96:35E:0:08, h6km, 10km, n19, 0:96/22, mb3.7/5, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MLSI Meulaboh, MLSI Meulaboh, LHMI Lhok Sumawe, etc.

Table with columns: WRA, WFR, ASAR, ZALV. Includes station names like Warramunga Arr, Suao, Alza Springs, Zalesovo Beam and their coordinates and parameters.

ISC/JB 05 12:19:09.6,0.4,24.70N,0.03,122.24E,0.02,h12km,3km, Error ellipse: s-maj=5.0km s-min=2.9km az=178.6

TAP 05 12:19:09.5,24.70N,122.20E,h9km,ML2.5,C JMA 05 12:19:10.3,24.56N,122.17E,h49km,M2.2

ISC 05 12:19:09.4,0.9,24.68N,0.04,122.26E,0.04,h15km,8km,n26,-0.968/49,Taiwan region

Main table for the 5d 12h section, listing station names, codes, and various parameters like time, resonance, and ISC values.

ISC/JB 05 12:25:44.9,0.4,39.20N,0.03,27.60E,0.04,h0km, Error ellipse: s-maj=4.3km s-min=3.5km az=153.7

ISK 05 12:25:44.1,39.24N,27.59E,h2km,MD2.3 CSEM 05 12:25:45.3,0.2,39.21N,27.61E,h1km,MD2.5, Error ellipse: s-maj=4.5km s-min=3.6km az=46.0, Suspected Mining explosion.

DDA 05 12:25:46.2,39.27N,27.72E,h7km,Md2.5, Suspected Mining explosion.

ISC 05 12:25:45.2,0.8,39.23N,0.02,27.65E,0.03,h0km,n56,-0.671/72,Turkey

Main table for the 5d 12h section, listing station names, codes, and various parameters like time, resonance, and ISC values.

Table listing station names (URLA, LPK, BOZC, etc.) and their parameters for the 2020 JAN section.

IDC 05 12:36:57.7,0.9,18.58S,173.52W,h0km,mb4.2/13, mb1 4.4/14, mb1mx3.1/40, mb2mp4.2/14, ML4.0/1, MS3.4/7, Ms1 3.4/7, ms1mx3.2/40, Error ellipse: s-maj=38.1km s-min=15.5km az=138.0

ISC/JB 05 12:37:02.0,0.5,18.30S,0.10,173.8W,0.1,h33km, mb4.5/27, MS3.4/5, Error ellipse: s-maj=18.9km s-min=7.7km az=8.7

NEIC 05 12:37:03.4,0.3,18.45S,173.64W,h35km,mb4.8/10, Error ellipse: s-maj=14.8km s-min=6.7km az=131.0

ISC 05 12:37:02.0,0.5,18.65S,0.1,173.3W,0.1,h31km,n65,-0.1943/55,mb4.5/27,MS3.4/5,C,1, Tonga Islands

Main table for the 2020 JAN section, listing station names, codes, and various parameters like time, resonance, and ISC values.

Table listing station names (KHC, BR21, GECZ, etc.) and their parameters for the 200 section.

NEIC 05 12:37:00.3,7.10N,140.60E,h5km,Mw4.1 Best double couple: Mo1.520000+155 NP1.0321000,830.00000, lambda-102.00000, NP2.0610000,861.00000, lambda-83.00000

ISC/JB 05 12:37:29.8,0.5,37.09N,0.03,140.63E,0.04,h20km,3km, mb4.1/21, MS2.8/2, Error ellipse: s-maj=5.8km s-min=4.3km az=37.5

JMA 05 12:37:29.7,37.07N,140.56E,h6km,1km,M3.9 Broadband fault plane solution: P waves: NP1: p=340.00000, s=349.00000, t=386.00000; NP2: p=154.00000, s=841.00000, t=95.00000. Principal axes: T P1g4.00000; Azm67.00000; N P1g67.00000; Azm127.00000; JMA Felt III J1.

IDC 05 12:37:35.3,1.9,37.07N,140.42E,h48km,19km,mb3.6/17, mb1 3.8/19, mb1mx3.7/51, mb2mp3.9/19, ML4.0/2, MS3.0/4, Ms1 3.0/4, ms1mx2.7/40, Error ellipse: s-maj=17.5km s-min=14.1km az=112.0

NEIC 05 12:37:35.3,0.8,37.10N,140.44E,h49km,6km,mb4.5/4, Error ellipse: s-maj=8.5km s-min=6.4km az=130.0

NEIC Record ID: JMA/FUKUSHIMA ISC 05 12:37:37.0,0.5,37.09N,0.03,140.42E,0.03,h3km,8km,n63,-1.02/59,mb4.0/21,MS2.9/3,6C-1D, Eastern Honshu

Main table for the 200 section, listing station names, codes, and various parameters like time, resonance, and ISC values.

IDC 05 12:41:23.1,1.7,4.89N,123.45E,h0km,mb3.9/4, mb1 4.1/4, mb1mx3.5/48, mb2mp3.9/4, Error ellipse: s-maj=143.2km s-min=22.1km az=66.0, Celebes Sea

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

BUC 05 12:49:54.7-0.4, 7.0, 46.42N:23.14E, h18km, 5km, MD2.4/3, 12C-4D, Error ellipse: s-maj=5.2km s-min=4.4km az=39.0, Romania

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CJR Cluj-Napoca, DRGR, DEV, SIRR, ARCR, BZS, ARR, DOPR, BURAR.

CSEM 05 12:51:37.4-0.4, 40.46N:29.25E, h2km, ML1.6, Suspected Mining explosion.

ISK 05 12:51:37.0, 40.46N:29.25E, h2km, ML1.6, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEMT Gemlik, YLV Yalova, ARMT, ADVT.

ISCJB 05 12:59:01.4-0.4, 16.03N:0.03-61.17W-0.05, h91km, 3km, mb3.7/8, Error ellipse: s-maj=9.4km s-min=2.6km

TRN 05 12:59:01.6, 16.02N-61.19W, h76km, MD3.8, IDC 05 12:59:01.5-0.6, 16.09N-61.14W, h81km, 8km, mb3.4/8, s-maj=34.9km s-min=6.5km az=83.0

ISC 05 12:59:01.7-0.8, 16.04N:0.03-61.14W-0.07, h84km, 5km, n53, c089/82, mb3.7/8, 5C-8D, Leeward Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFG Saint Francois, HOSN1 Guadeloupe/Mar, MDPV, MDCV, LKG, SEG, MDMP, TBG, BBL, DLPL, DBCT, DSTT, DSHT, EAMF, MLYT, BPA, PCM, CXM, MBWH, PML, FDF, ZAM, MVM, TRMF, BIM, HOS51, ANWB, NRVH, BSK, SLB, SEUS, MCLT, SABA, SBA, SMRT, SVCV, SVB, FCV, GRGR, SJG, ATAH.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, ULM Lac du Bonnet, PDAR Pinedale Array, NVAR Mina Array Bea, YKA Yellowknife Ar, INK Inuvik, ILAR Eielson Array.

IDC 05 12:59:49.0-1.9, 12.83N:95.64E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.3/45, mbmtmp3.4/5, ML3.6/1, MS3.2/5, Ms1 3.2/5, ms1mx2.9/38, Error ellipse: s-maj=73.1km

ISC 05 12:59:51.1-1.3, 12.30N:0.08-95.7E-0.1, h18km, n17, c0170/14, mb3.5/4, MS3.4/3, Andaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRDT, PHET, UTHA, SURT, PKYT, NAKO, SRAK, CMAR, CHTO, CMMT, PALK, AAK, MKAR, GEYT, ZALV, WRA, ASAR.

IDC 05 13:02:58.4-6.6, 2.93S:102.72E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/44, mbmtmp3.4/3, Error ellipse: s-maj=354.7km s-min=27.6km az=52.0

ISCJB 05 13:03:01.5-0.6, 3.73S:0.07-101.67E-0.06, h73km, 9km, mb3.5/3, Error ellipse: s-maj=14.8km s-min=5.1km az=39.5

DJA 05 13:03:02.4-0.8, 4.7S:3.10E, h35km, 12km, M3.5/7, MLV3.5/7

ISC 05 13:03:02.7-1.1, 3.72S:0.07-101.68E-0.06, h63km, 14km, n10, c0963/17, mb3.4/3, Southern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MASI, MNI, PPSI, LWLI, SSSI, KASI, SISI, WRA, ASAR, MKAR.

IDC 05 13:05:05.2-6.7, 7.22N-77.38W, h36km, 6km, mb3.4/2, mb1 3.8/2, mb1mx3.2/29, mbmtmp3.6/2, Error ellipse: s-maj=373.3km s-min=32.3km az=93.0

RSNC 05 13:05:06.8-0.7, 7.37N-77.04W, h49km, 19km, ML3.4, IDC 05 13:05:04.7-0.8, 7.37N:0.04-77.07W-0.04, h30km, 5km, n19, c080/33, 1D, Panama-Colombia border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBBC, SOLC, HELC, HELL, HELC, MONTERIA, ZARAGOZA, GUYC, PTBC, NORC, RREF, BCIP, OLAC, OCAC, PRAC, CODC, YKA, ILAR, ASAR, WRA.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, LPIG, MAIG.

MEX 05 13:13:22.7-0.4, 24.61N:109.45W, h14km, 6km, MD3.7, Gulf of California

NIED 05 13:13:00.37, 10N:140.60E, h5km, Mw4.0 Best double couple, ML1.27000x1015 NP1=350.00000, 839.00000, 1-82.00000, NP2=150.00000, 842.00000, 1-97.00000

ISCJB 05 13:13:51.8-0.4, 37.07N:0.03-140.64E-0.04, h19km, 3km, mb4.0/27, MS3.2/2, Error ellipse: s-maj=5.2km s-min=3.9km az=33.4

JMA 05 13:13:51.7, 37.07N:140.56E, h6km, 1km, M4.2 Broadband fault plane solution: P waves, NP1: 341.00000, 348.00000, 1-86.00000, NP2: 155.00000, 342.00000, 1-84.00000

NEIC 05 13:13:56.5-0.8, 37.08N:140.50E, h42km, 7km, mb4.4/1 Error ellipse: s-maj=8.9km s-min=6.2km az=118.0

ISC 05 13:13:51.8-1.0, 37.07N:0.03-140.54E-0.03, h8km, 6km, n54, c085/60, mb4.0/27, MS3.1/3, 6C-1D, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ, JFO, JHO, JFT, JFB, JSB, JFY, JMM, MJAR, MAJO, MAT, JHJ, ASAJ.

JNU Nakatsu, USRK Ussuriysk Ar, KSRS Korea Array, KSAR Wonju Array, PETK Petropavlovsk, SE2 Magadan, MAY Seymchan, SONM Songino Array, SONM, H1N2 WAKE ISLAND Hy 28.77 120 T, H1N1 WAKE ISLAND Hy 28.78 120 T, H1N3 WAKE ISLAND Hy 28.79 120 T, H1S1 WAKE ISLAND Hy 29.47 122 T, H1S2 WAKE ISLAND Hy 29.48 122 T

CMAR Chiang Mai Arr, ZALV Zalesovo Beam, ZALV, MKAR Makanchi Array, MKUR Kurchatov, KURK Kurchatov Arr, KURBB Kurchatov Arr, ILAR Iliamna Array, BVAR Borovoye Array, BVAR, PSI Prapat, ARU Art, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Akbulak array, ALice Springs, GEYT Iliamna Array, ARCES ARCES Array, YKA Yellowknife Ar, FINES FINES Array, STKA Stephens Creek, KBZ Khabz, AKASG Malin Array, NB2 NORARS Subarra, NOA NORARS Array, NVAR Iliamna Array, PDAR Pinedale Array, BRTR Keskin Array, GERES GERES Array

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Table with columns: ARTV, Artvin, 3.00 259, iP, P, 14 18 12.6 -1.1, etc. Includes stations like Borcka, Demirkent, Cililab, Lerik, Gofitskoye, etc.

ISK 05 14:33:32.1, 37.50N, 35.69E, h18km, MD2.5
ISC/JB 05 14:33:33.0, 37.51N, 35.70E, h16km, 8km,
Error ellipse: s-maj=6.4km s-min=3.9km az=154.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like KOZT, AKO, CEYT, ANDN, KARAI, SAIM, etc.

ISC/JB 05 14:43:19.0, 5.2, 154S, 153.09E, h40km, 45km, mb3.7/14,
mb1 3.9/15, mb1mx3.8/30, mbmp4.0/15, ML2.2/1, MS3.6/2,
Ms1 3.6/2, ms1mx2.8/26, Error ellipse: s-maj=37.2km
s-min=20.2km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like PMG, HNR, WRA, ASAR, FITZ, JNU, KSRS, PETK, etc.

Table with columns: CMAR, Chiang Mai Arr, 58.33 295, P, 14 53 10.9 +0.6, etc. Includes stations like SEON, Semychn, MKAR, ZALV, ILAR, BBB, YKA, PDAR, TORD, etc.

KRSC 05 15:03:23.4, 1.1, 53.41N, 157.57E, h290km, 10km, ML3.7
ISC/JB 05 15:03:25.3, 0.5, 53.37N, 157.57E, h283km, 3km,
mb2 9/6, Error ellipse: s-maj=15.8km s-min=7.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like PETK, GNL, APC, KRX, KOK, KRER, AVH, SMAR, PET, UGLR, SDLR, DALK, MTRV, ASAK, NLC, RUS, SPN, KDR, TUMR, ESO, KMINR, SKR, KPT, BZMR, KRKR, BDR, SMR, KBR, BKI, ILAR, YKA, MKAR, TXAR, WRA, ASAR, etc.

ISC/JB 05 15:13:04.2, 0.6, 35.06N, 139.98E, h72km, 4km,
mb3.3/4, Error ellipse: s-maj=8.9km s-min=5.7km
az=138.6

JMA 05 15:13:04.7, 0.2, 35.09N, 139.99E, h67km, 2km, M2.8
IDC 05 15:13:08.2, 1.0, 34.33N, 139.29E, h74km, 6km, mb3.1/4,
mb1 3.2/4, mb1mx2.0/42, mbmp3.4/4, Error ellipse:
s-maj=41.4km s-min=4.7km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like HONSHU, TATJ, JYJ, KTR, BSO, JNS, GSO, JMD, JOD, JIZ, JYS, JYN, JRY, JRY, JHJ, MJAR, etc.

ISC 05 15:13:05.1, 1.0, 35.07N, 139.96E, h65km, 7km,
n24, 0536/26, mb3.3/4, Near south coast of eastern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like H1N1, H1N2, H1N3, H1S1, H1S2, ZALV, MKAR, WRA, ASAR, etc.

NEIC 05 15:24:13.0, 0.0, 19.29N, 65.30W, h112km, MD3.9(RSPR),
After RSPR, Puerto Rico region

Table with columns: STVI, Saint Thomas, 0.99 160, ePn, Pn, 15 24 33.6 -0.7, etc. Includes stations like ABVI, TBVI, CBYP, Monte Pirata, Col San Antoni, San Juan, St. Croix, Arcobio Observ, Cerrillos, Obispo Ponce, Agudilla, Mayaguez, Cabo Rojo, St. Maarten, Presa de Saban, Grand Turk, etc.

MOS 05 15:40:45.5, 2.0, 56.27N, 121.31E, h10km, mb4.1/5, Error
ellipse: s-maj=12.2km s-min=8.4km az=61.0
BYKL 05 15:40:46.3, 0.3, 56.54N, 121.33E, h21km, 4km
YARS 05 15:40:46.0, 0.2, 56.57N, 121.34E, h13km, 3km
IDC 05 15:40:48.1, 1.1, 56.34N, 121.39E, h0km, mb3.5/7,
mb1 3.6/11, mb1mx3.4/43, mbmp3.5/11, ML3.3/4, MS2.3/1,
Ms1 2.3/1, ms1mx2.2/34, Error ellipse: s-maj=24.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like YKLR, Yuktali, KHNR, KHNR, KHNR, KHNR, CRS, CRS, etc.

ISC 05 15:40:44.6, 0.7, 56.49N, 121.28E, h2km, 5km,
n89, 2571/30, mb3.47, 8C-9D, Southeastern Siberia
s-min=15.0km az=156.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like YKLR, Yuktali, KHNR, KHNR, KHNR, KHNR, CRS, CRS, etc.

ISC 05 15:40:44.6, 0.7, 56.49N, 121.28E, h2km, 5km,
n89, 2571/30, mb3.47, 8C-9D, Southeastern Siberia
s-min=15.0km az=156.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like YKLR, Yuktali, KHNR, KHNR, KHNR, KHNR, CRS, CRS, etc.

ISC 05 15:40:44.6, 0.7, 56.49N, 121.28E, h2km, 5km,
n89, 2571/30, mb3.47, 8C-9D, Southeastern Siberia
s-min=15.0km az=156.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like YKLR, Yuktali, KHNR, KHNR, KHNR, KHNR, CRS, CRS, etc.

5d 16h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YVAM, BMKR, Uoyan, Chagda, Vitim, Kumora, Ulyunkhan, Chita, Nizh Angarsk, YAK, Suvo, Hailar, Khapcheranga, KPCR, Tyrgan, KLR, KAB, HRMR, and STDB.

2012 JAN

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STDB, Bolshoye Golou, Listvyanka, Irkutsk, Ivanovka, Talaya, Arshan, Ulanbaatar, Zakamensk, Songino Array, Mandy, Orlik, Kurkhatov, Makanchi Array, Makanchi Array, ARU, ILAR, FINESS Array B, FINESS Array B, AKASG, YKA, BRTR, JMA 05 15:53:05, OFUJ, JIO, MIJY, JMK, JOM, JOU, JOU, JRG, JFT, JYK, JMAT, GRAL 05 16:02, CSEAM, NSSC, DDA, ISC 05 16:02, Code, Station Name, Frequency, Power, Mode, and other technical details.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TCHB, DRWC, KUZU, SURC, KERG, ASAR, WRA, FINES, AFI, RAR, RAR, DZM, DZM, OUZ, URZ, URZ, BKZ, BFZ, PPTF, PMOR, PYZ, EIDS, ARMA, JOHN, CTA, CTAO, PMG, PMG, MANU, COEN, H11S2, H11S3, STKA, STKA, MWH, PBCO, BBOO, WB2, WRAB, WR1, WRA, AS01, AS31, AS31, ASAR, GUMO, MTN, FAKI, FITZ, SOEI, Vnda, Vnda, RPN, MBWA, LUWI, MJAR, QSPA, KKM, JNU, UGM, YULB, YHNB, KMRM, DAC.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like YBHK, WAKR, KSRK, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VANB, TVAN, VMUR, etc.

NEIC 05 16:35:10.6:0.0, 36:96Sx178:40E, h31km, ML4.1 (WEL), After WEL.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MXZ, WNGW, HAZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NMHZ, GRZ, WHZ, etc.

ISCBJ 05 16:42:57.7:2.1, 13:7N:0:3:90:5W:0.2, h10km, mb3.9/9, MS3.5/2, Error ellipse: s-maj=55.5km s-min=12.0km az=2.62

ICD 05 16:42:59.4: 1.9, 13:89N:0:4:6W, h0km, mb3.9/9, MS1.4/4.71, mb1mx3.8/4.7, mbmp3.8/1.1, M3.5/2, MS3.6/2, MS1.3/2, ms1mx2.8/3.8, Error ellipse: s-maj=52.3km s-min=26.6km az=3.00

ISC 05 16:43:00.3:1.9, 13:8N:0:3:90:5W:0.2, h10km, n15, c15:1/4, mb4.0/9, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMIG, TXAR, TXAR, etc.

ISK 05 16:30:16.0, 38:74N:43:51E, h5km, ML2.8, DA 05 16:30:17.0, 38:72N:43:53E, h7km, ML2.9, CSEM 05 16:30:17.4, 38:72N:43:56E, h2km, ML2.8, Error ellipse: s-maj=5.6km s-min=3.5km az=97.0

ISC 05 16:30:17.9:0.3, 38:73N:0:02:43:54E:0.02, h10km, 7km, n52, c1:26/83, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes station VANB.

ISC 05 16:30:16.0, 38:74N:43:51E, h5km, ML2.8, DA 05 16:30:17.0, 38:72N:43:53E, h7km, ML2.9, CSEM 05 16:30:17.4, 38:72N:43:56E, h2km, ML2.8, Error ellipse: s-maj=5.6km s-min=3.5km az=97.0

ISC 05 16:30:17.9:0.3, 38:73N:0:02:43:54E:0.02, h10km, 7km, n52, c1:26/83, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes station VANB.

5d 16h

Table with columns for station code, name, frequency, and other technical details. Includes stations like SGF Sodankyl, DAG Danmarks Havn, DAG Danmarks Havn, EIDS Eidsvold, etc.

2012 JAN

Table with columns for station code, name, frequency, and other technical details. Includes stations like ISAL Salakas, IIGN Ignalina, IIGN Ignalina, FFC Fin Flon, etc.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like TPNV Topopah Spring, DUG Dugway, DUG Dugway, DUG Dugway, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PSZ, VYHS, SMCO, BRG, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MNTX, MNTX, MXST, TAOE, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like AJN, BANOM, BANOM, etc.

BUJ 05:16:53:32.3,27.66N-51.30E, h33km, mb4.7/40, mb5.1/27, MS4.7/15, MS3.6/9, Error ellipse: s-maj=3.3km s-min=2.1km az=39.8

Table with columns for Code, Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like GHIR, AHBU, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like GERES Array S, GERES Array S, GERES Array S, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MDT Midelt, RER Riviere de l'E, TOAO Tori Ar, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like IL1 Eielson Array, ILAR Eielson Array, ILB Eielson Array, etc.

ISCJB 05 17:05:18.8, 0.6, 34.35N, 0.04, 140.32E, 0.08, h89km, 5km, mb3.5/4, Error ellipse: s-maj=10.9km s-min=6.0km

JMA 05 17:05:20.0, 0.2, 34.39N, 140.28E, h85km, 3km, M3.2 IDC 05 17:05:20.6, 1.4, 34.31N, 140.29E, h99km, 11km, mb3.1/4, mb1.3/3.6, mb1mx3.0/4.6, mbtmp3.5/6, Error ellipse: s-maj=30.2km s-min=8.1km az=76.0

ISC 05 17:05:20.0, 0.9, 34.36N, 0.04, 140.31E, 0.06, h89km, 6km, n24, 0.82/26, mb3.5/4, 1C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BSO3 Boso 3, BSO1 Boso 1, BSO4 Boso 4, etc.

CSEM 05 17:05:56.9, 0.2, 29.05N, 14.25W, h30km, ML3.5, Error ellipse: s-maj=8.0km s-min=4.0km az=146.0 MDD 05 17:05:58.5, 0.1, 29.11N, 14.20W, h35km, 7km, mbLg3.5/15, Error ellipse: s-maj=3.8km s-min=1.0km az=149.0

MDD EMS: ITT model: canary MDD EMS: ITT INTENSIDAD MAXIMA INMG 05 17:06:00.1, 2.3, 29.09N, 14.17W, h0km, ML3.3, Error ellipse: s-maj=5.6km s-min=3.8km az=150.0

ISC 05 17:05:52.9, 0.8, 29.16N, 0.04, 142.90E, 0.04, h10km, n55, 2.82/81, 2C-5D, Canary Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CFUE Fuerteventura, CFUE Fuerteventura, CFUE Fuerteventura, etc.

5d 17h

Table with columns: CCAN, 11nm,0.1s,SNR=7.9, S, Sn, 17 06 57.1 -2.0, etc. Includes station names like CCAN, EGOM, EHIG, TBT, CTIG, PMOZ, PVAQ, MESJ, EGRO, PNCL, ESPR, EMIN, PBAR, PMTG, EAD, EADA, etc.

2012 JAN

Table with columns: IRAM, comp=Z,581nm,0.2s, eAMB, AMB, 17 51 23.9, etc. Includes station names like IRAM, IMEH, IMEH, IMEH, IMEH, etc.

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Table with columns: KRSR, comp=Z,1.1nm,0.6s,baz=343,slow=17,SNR=2.1, 17 59 34.2 -1.1, etc. Includes station names like KRSR, SCHO, ILAR, YKA, WRA, ASAR, NVAR, etc.

IDC 05 17:53:37.4+1.4, 12:80N:95:69E, h0km, mb3.3/4, mbl 3.3/5, mblmx3.2/42, mbltmp3.2/5, ML2.7/1, MS2.7/2, Ms1 2.8/2, mblmx2.5/23, Error ellipse: s-maj=42.5km s-min=21.9km az=79.0, Andaman Islands region

NINC 05 17:53:47.6+1.5, 47:57N:79:94E, h0km, mb2.6, mpv2.4, Error ellipse: s-maj=21.2km s-min=5.5km az=46.0

SOME 05 17:53:50.0, 47:43N:79:72E, h5km, Error ellipse: s-maj=21.2km s-min=5.5km az=46.0

ISC 05 17:53:48.7+1.3, 47:57N:0:05:80:05E:0:04, h10km, n10, a1932/18, 5C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like MAKZ, MK31, KAPS, KURBB, etc.

IDC 05 17:56:25.8+0.8, 13:39N:90:50W, h0km, mb4.1/14, mbl 4.3/16, mblmx1.4/39, mbltmp1.4/16, ML3.4/2, MS3.8/3, Ms1 3.8/3, mblmx3.0/36, Error ellipse: s-maj=31.3km s-min=14.1km az=50.0

UCR 05 17:56:26.0+0.7, 14:77N:90:59W, h142km, 6km, ML3.7, mb4.5(NEIC)

ISCJB 05 17:56:28.0+0.5, 13:12N:0:07:90:00E:0:05, h33km, mb4.4/31, MS3.8/3, Error ellipse: s-maj=11.6km

NEIC 05 17:56:35.9+0.9, 13:43N:90:52W, h78km, 7km, mb4.5/21, Error ellipse: s-maj=15.4km s-min=5.9km az=218.0

ISC 05 17:56:30.0+0.6, 13:15N:0:08:90:00E:0:05, h33km, n69, a154/70, mb4.5/30, MS3.8/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like IXG, SBL, SBL, RTR, BOQS, SNET, UUES, LFRS, LFRS, LCND, TGIU, CMIG, HELC, PRAC, LTX, TX31, TX31, TXAR, SDV, SDV, ABTX, MIBT, MKAR, TKL, TKL, MTP, SPMM, HWUT, PDAR, PDAR, REDW, SNOW, etc.

5d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BR101 Keskin Array S, BR131 Keskin Array S, BRTR Keskin Array B, etc.

ISC 05 18:16:14.6:0.7, 3.77S: 103.16W, h0km, mb4.5/13, mb1.4/8/13, mb1mx3.9/25, mbtmp4.5/13, MS4.0/16, Ms1.4/0/16, ms1mx3.9/25, Error ellipse: s-maj=31.3km s-min=13.8km az=54.0
ISCJB 05 18:16:16.2:0.4, 3.62S:0.05:102.84W:0.04, h10km, mb4.8/129, MS4.0/16, Error ellipse: s-maj=8.4km s-min=4.6km az=40.4
GCMT 05 18:16:16.3:0.5, 3.89S:103.24W, h20km, 1km, MW4.9/68, Moment Tensor Solution, s28,c33; s68,c82; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.85:20; Mw=2.21:14; Mw0.63:15; Mw-0.74:26; Mw0.88:10; Mw0.36:30; Best double couple; Mo2.84000:10^16 Np1.77:00000:0.82:00000:1:76.00000: NP2: q=236.00000: 340.00000: 1:107.00000: Principal axes: T 2.6570, Plg.00000: Azm157:00000: N 0.3650, Plg11.00000: Azm248.00000: P -3.0230, Plg78.00000: Azm40.00000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
NEIC 05 18:16:16.3:0.2, 3.88S:103.13W, h10km, mb4.9/119 Error ellipse: s-maj=7.3km s-min=3.8km az=58.0
ISC 05 18:16:15.8:0.4, 3.85S:108.103:25W:0.08, h10km, n516, e1903/510, mb4.9/129, MS4.0/16, Central East Pacific

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like PAYG Puerto Ayora, CMIG Matias Romero, RPN Rapa Nui, etc.

2012 JAN

Main table of station data for 2012 JAN with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like 245A Little Ap, Sta, 348A Jackson, Y35A Marietta, etc.

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Main table of station data for 214 with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like T25A Trinidad, T25A Trinidad, T25A Trinidad, etc.

5d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Malin Array, Keskin MP Arra, etc.

KRSC 05 18:17:26.7, 1.6, 54.87N, 163.74E, h79km, 30km, ML3.0
IDC 05 18:17:27.4, 6.7, 55.34N, 163.04E, h0km, mb3.8/4,
mb1 3.8/5, mb1mx3.4/44, mbtm3.7/5, ML2.3/1, Error
ellipse: s-maj=135.5km s-min=36.3km az=116.0

ISCJB 05 18:17:28.4, 0.5, 54.53N, 163.73E, h54km, 7km,
mb4.1/5, Error ellipse: s-maj=5.3km s-min=3.7km az=29.7

MOS 05 18:17:28.5, 0.6, 54.89N, 163.79E, h75km, mb3.3/2, Error
ellipse: s-maj=7.5km s-min=6.1km az=96.6

ISC 05 18:17:28.8, 1.4, 54.86N, 163.81E, 0.03, h363km, 3km,
n82, c128/144, mb3.9/5, Off east coast of Kamchatka

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various Peninsular stations like Bering, Krutoberegovo, etc.

2021 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Ugluovaya, Avacha, Koryaka, etc.

ISCJB 05 18:19:34.2, 0.4, 40.68N, 0.03, 27.38E, h10km, 4km,
or ellipse: s-maj=5.8km s-min=3.4km az=164.2
CSEM 05 18:19:34.3, 0.1, 40.65N, 0.03, 27.38E, h10km, ML2.3, Error
ellipse: s-maj=3.3km s-min=2.3km az=161.0

ISK 05 18:19:34.2, 0.4, 40.65N, 27.39E, h16km, MD2.7
DDA 05 18:19:36.2, 0.4, 76N, 27.26E, h7km, M12.3
ISC 05 18:19:34.4, 0.9, 40.66N, 0.02, 27.38E, h13km, 6km,
n44, c055/61, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like SART, ERIK, RIKY, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like ENEZ, CTKS, Kestanelik, etc.

IDC 05 18:23:41.2, 1.9, 20.90S, 178.53W, h563km, 21km,
mb3.6/15, mb1 3.8/17, mb1mx3.7/30, mbtm4.6/17, Error
ellipse: s-maj=17.6km s-min=12.9km az=127.0
ISCJB 05 18:23:43.5, 0.3, 20.96S, 178.76W, h600km,
mb4.4/35, Error ellipse: s-maj=7.9km s-min=4.4km
az=173.6

NEIC 05 18:23:43.1, 0.6, 20.89S, 178.53W, h584km, 7km, mb4.8/25,
Error ellipse: s-maj=11.4km s-min=7.7km az=127.0
WEL 05 18:23:52.3, 0.7, 22.5S, 107.9W, h4.5, h600km, mb4.7/25,
az=67.6

ISC 05 18:23:42.1, 0.4, 21.01S, 178.47W, h579km,
n169, c187/178, mb4.6/35, 61 Islands region

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

Table with columns: ASAR, Alice Springs, 43.97 257 P, P, 18 30 58.9 -0.4, comp=Z,1.9nm,0.8s,baz=92,slow=8.1,SNR=256

Table with columns: MYKA Terra Mystica, 152.60 342 i PKPbc PKPbc, 18 42 33.4 -0.4, comp=Z,2.6nm,0.5s

Table with columns: H11S2 WAKE ISLAND Hy 41.85 224 T, T, 18 43 09.5, baz=26,slow=76,SNR=119

Table with columns: Dmn, Station Name, Time, Res, ISC. Includes stations like Daman, Dangsing, KOLD, etc.

DDA 05 19:10:55.7, 39.79N, 26.11E, h25km, M12.5
ISCJB 05 19:10:56.7, 0.5, 39.79N, 0.02, 26.06E, 0.04, h8km, 4km,
Error ellipse: s-maj=5.8km s-min=3.8km az=166.2

Main station list table for Daman region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

MEX 05 19:19:38.3, 4.0, 18.16N, 103.60W, h8km, 6km, MD3.7,
Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMIG, RM15, etc.

CSEM 05 19:48:17.7, 0.6, 40.14N, 44.49E, h5km, MD2.6, Error
ellipse: s-maj=11.3km s-min=4.6km az=75.0

Main station list table for CSEM region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 05 19:49:38.1, 2.1, 40.43N, 110.92W, h0km, mb3.0/2,
mb1 3.2/4, mb1mx3.1/36, mbtmp3.0/4, ML2.7/2, MS3.4/2,
Ms1 3.4/2, ms1mx2.7/15, Error ellipse: s-maj=30.3km
s-min=7.5km az=137.0

NEIC 05 19:49:43.0, 0.0, 40.80N, 111.64W, h10km, ML2.8(SLC),
After SLC

Main station list table for NEIC region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Dmn, Station Name, Time, Res, ISC. Includes stations like HEB, DCU, WTCU, etc.

DDA 05 19:10:55.7, 39.79N, 26.11E, h25km, M12.5
ISCJB 05 19:10:56.7, 0.5, 39.79N, 0.02, 26.06E, 0.04, h8km, 4km,
Error ellipse: s-maj=5.8km s-min=3.8km az=166.2

Main station list table for HEB region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

MEX 05 19:19:38.3, 4.0, 18.16N, 103.60W, h8km, 6km, MD3.7,
Near coast of Michoacan

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

KRSC 05 20:17:18.7, 2.0, 53.42N, 163.07E, h58km, 38km, ML3.7,
Off east coast of Kamchatka Peninsula

Main station list table for KRSC region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 05 20:21:28.4, 3.3, 3.52S, 99.08E, h0km, mb3.7/6, mb1 3.8/6,
mb1mx3.5/55, mbtmp3.7/6, MS3.2/1, Ms1 3.2/1,
ms1mx2.6/35, Error ellipse: s-maj=125.5km
s-min=20.6km az=57.0, Southwest of Sumatara

Main station list table for IDC region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ellipse: s-maj=0.8km s-min=0.5km az=264.0
IASPEI 05 20:25:49.4, 0.8, 38.98N, 0.01, 22.26E, 0.02, h16km, 4km,
mb4.1/23, Error ellipse: s-maj=2.3km s-min=2.0km
az=114.0, GT5 selection from ISC bulletin GT5 identified
by Bond'jr and McLaughlin (2009) selection criteria
Bond'jr and McLaughlin, A new ground truth data set for
seismic studies, <i>Seism. Res. Let.</i>, 80, 4,
465-472, 2009

PDG 05 20:25:49.4, 0.6, 39.03N, 22.29E, h12km, ML4.0/11, Error
ellipse: s-maj=0.5km s-min=0.7km az=0.0
THE 05 20:25:49.5, 38.97N, 22.23E, h16km, ML3.9/13, Error
ellipse: s-maj=0.5km s-min=0.3km az=71.0
IDC 05 20:25:52.4, 1.7, 38.96N, 22.30E, h38km, 15km, mb3.8/15,
mb1 3.9/23, mb1mx3.7/43, mbtmp3.9/23, ML3.5/8, MS3.1/3,
Ms1 3.1/3, ms1mx2.5/55, Error ellipse: s-maj=13.5km
s-min=11.6km az=51.0

BEO 05 20:25:54.3, 0.9, 39.45N, 22.51E, h0km, M3.7/1
ISC 05 20:25:49.6, 0.7, 38.99N, 0.01, 22.26E, 0.01, h16km, 4km,
n430, s131/559, mb4.0/13, 51C-2D, Greece

Main station list table for IASPEI region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SJSJES, BAI, BOVS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like DAVOX, MMAI, EIL, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include STHS, KECS, ARSA, AKASG, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include URZ, ARSA, WRA, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MJAR, MAT, MKAR, KURBB, WRA.

ISCJB 05 22:02:36.8±0.3, 18°50'N, 0°03'70.61'W, 0.03, h34km, mb4.6/19, Error ellipse: s-maj=5.3km s-min=3.9km az=29.6

DHMR 05 22:59:38.6±1.7, 11°86'N, 43°01'E, h22km, 23km, ML4.1 ISCJB 05 22:59:40.7±0.6, 11°82'N, 0°07'43.09E, 0.06, h18km, 12km, Error ellipse: s-maj=15.3km s-min=7.3km az=144.2

DDA 05 23:07:38.6, 37°19'N, 28°19'E, h7km, Ml2.8, Suspected Mining explosion. ISCJB 05 23:07:39.6±0.4, 37°22'N, 0°02'28.17E, 0.03, h0km, Error ellipse: s-maj=5.5km s-min=3.0km az=3.8

NEIC 05 22:02:39.7±0.3, 18°60'N, 0°57'W, h35km, mb4.6/29, Error ellipse: s-maj=6.1km s-min=3.8km az=207.0

ARO 05 23:05:41.7, 11°80'N, 0°3'43.1E, 0.5, h6km, 4km, Ml4.1 ISC 05 23:05:40.1±1.1, 11°80'N, 0°05'43.07E, 0.04, h11km, 9km, n15, ±2507/23, 2C-1D, Ethiopia

ISC 05 23:07:39.1, 37°14'N, 28°13'E, h5km, MD2.7 ISC 05 23:07:39.6±0.8, 37°22'N, 0°02'28.19E, 0.02, h0km, n35, ±098/55, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BANI, SDDR, LGNH, GRTK, AGP, MPR, SJG, GTBY, CBYF, HUMP, MTP, STVI, CDVI, ABVI, MTJD, URIC, SABA, SMRT, SEUS, SKI, SVB, ZARC, BPR, PTBC, RUSC, HELC, BBSR, TGUH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TADJOURA, MCB, OBOC, ATD, AGH, SUD, MAOD, TRBA, UDYN, DHBB, HAJJ, FURI, SHLS, PDGK, UZB, UZB, DJR, SATY, ZHN, KURS, KAPS, MDOK, MDOK, CHKK, MK31, LLDL, MAKZ, MAKZ, DGS, DGS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TURN, TURN, TURN, TURN, TURN, AYDN, AYDN, MRSB, MRSB, BDRM, BDRM, TAVA, TAVA, TAVA, DATC, DATC, BODT, BODT, DNZL, DNZL, DNZL, GCAM, GCAM, GCAM, GCAM, FETY, FETY, GLHS, GLHS, MANT, MANT, KULA, KULA, ELL, ELL, ELL, KORT, KORT, KARP, KARP.

ISC 05 22:02:38.7±0.6, 18°46'N, 0°05'70.64'W, 0.05, h34km, n61, ±136/64, mb4.7/19, Dominican Republic region

SOME 05 23:02:32.4, 42°52'N, 82°12'E, h5km NNC 05 23:02:36.2±3.2, 42°44'N, 81°81'E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=24.1km s-min=8.2km az=147.0

ISC 05 23:02:32.8±2.5, 42°30'N, 0°10'18.88E, 0.08, h10km, n14, ±215/27, 3C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include NHSC, HODGE, BRAL, OTAV, JSRW, SPRD, SPFD, CVRD, IP04, LRAL, SWET, SDMD, PSUB, MVLL, PAGS, CPNY, MCWV, PAL, ODNJ, YLE, SSPA, WCI, LVIG, WLAR, OLIL, WWL, AAM, HDIL, LNIG, HWUT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KTMS, SHLS, PDGK, UZB, UZB, DJR, SATY, ZHN, KURS, KAPS, MDOK, MDOK, CHKK, MK31, LLDL, MAKZ, MAKZ, DGS, DGS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DATC, BODT, DNZL, DNZL, GCAM, GCAM, FETY, FETY, GLHS, GLHS, MANT, MANT, KULA, KULA, ELL, ELL, ELL, KORT, KORT, KARP, KARP.

IDC 05 22:06:05.4±4.0, 30°87'N, 110°99'W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.4/4, mbtm3.5/3, ML3.8/1, Error ellipse: s-maj=84.5km s-min=21.1km az=38.0, Sonora

MEX 05 23:04:47.7±0.3, 18°57'N, 103°39'W, h5km, 4km, MD3.8

IDC 05 23:13:26.2±2.8, 43°22'N, 105°15'W, h0km, mb2.5/1, mb1 3.7/3, mb1mx3.4/6, mbtm3.5/3, ML3.8/2, Error ellipse: s-maj=62.3km s-min=9.3km az=157.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TXAR, ULM, ILAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MMIG, R15V, EZSV, CJJM, ZIIG, ARIG, ARIG.

ISCJB 05 23:13:28.9±0.4, 43°72'N, 103°10'28'W, 0.04, h0km, mb4.7/1, Error ellipse: s-maj=3.9km s-min=3.6km az=11.5

MEX 05 22:13:52.6±0.4, 16°50'N, 94°91'W, h8km, 5km, MD3.9, Oaxaca

ISCJB 05 23:05:48.8±2.0, 35°83'N, 0°09'14.19E, 0.10, h2km, 11km, mb3.4/3, Error ellipse: s-maj=15.7km s-min=12.7km az=31.7

NEIC 05 23:13:30.4±0.4, 43°70'N, 105°28'W, h0km, ML3.1, Error ellipse: s-maj=7.3km s-min=5.4km az=136.0, Suspected Mining explosion. NEIC 67 km [42 miles] SSE of Gillette. ISC 05 23:13:30.6±0.7, 43°69'N, 0°03'105°29'W, 0.03, h0km, n28, ±1346/44, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include HUIG, TGIG, PCIG, VHO, TPIG, PNIG, TLIG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MK31, MAKZ, DGS, DGS.

RSSD Black Hills, RSSD Black Hills, K22A Casper, K22A Casper, K22A Casper, N23A Red Feather La, N23A Red Feather La, LAO LASA Array, LAO LASA Array, RLMT Red Lodge, RLMT Red Lodge, BW06 Boulder Array, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array.

IDC 05 22:17:16.0±3.3, 32°40'N, 178°62'W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.6/36, mbtm3.7/3, ML3.2/1, Error ellipse: s-maj=72.4km s-min=47.2km az=114.0, South of Kermadec Islands

ISCJB 05 23:05:51.8±2.0, 35°83'N, 0°05'14.10E, 0.1, h8km, 10km, n9, ±052/13, mb3.5/3, 1C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include OGNE, OGNE, OGNE, OGNE, H17A, H17A, ISCO, ISCO, ISCO, ISCO, BOZ, BOZ, BOZ, PV04, PV04, PV01, ECSD, ECSD, DUG, DUG, DUG, HUCA, HUCA, ULM, ULM, WUAZ, WUAZ, YKA, YKA, ARCES, ARCES.

GUMO	Guam	47.63 71	eP	P	23 23 21.4 -0.8
MTSU	Mount Surprise	47.66 114	P	P	23 23 22.4 0.0
KZA	Kyzari	47.84 336	P	P	23 23 26.6 +2.7
UCH	Uchter	48.26 336	P	P	23 23 28.6 +1.4
MANU	Manus Island	48.33 92	eP	P	23 23 25.6 -2.1
TKM2	Tokmak 2	48.41 337	iP	P	23 23 28.8 +0.8
TKM2	Tokmak 2	48.41 337	P	P	23 23 29.4 +1.4
KBK	Karagaybulak	48.44 336	P	P	23 23 29.9 +1.7
AML	Almayashu	48.53 335	P	P	23 23 30.5 +1.3
AAK	Ala-Archa	48.61 336	P	P	23 23 31.0 +1.5
AAK	Ala-Archa	48.61 336	iP	P	23 23 43.3 +1.1
AAK	Ala-Archa	48.61 336	iP	P	23 23 30.8 +1.3
AAK	Ala-Archa	48.61 336	P	P	23 23 31.5 +1.9
AAK	Ala-Archa	48.61 336	eP	P	23 23 29.1 -0.4
AAK	Port Moresby	48.63 102	eP	P	23 23 43.3 +1.1
PMG	Port Moresby	48.63 102	eP	P	23 23 28.4 -1.5
PMG	Port Moresby	48.63 102	eP	P	23 23 28.4 -1.5
FRU	Frühkek	48.72 336	eP	P	23 23 30.0 -0.2
CHMS	Chumsh	48.81 336	P	P	23 23 31.9 +1.0
SONM	Songino Array	48.92 7	P	P	23 23 32.2 +0.5
SONM	Songino Array	48.92 7	P	P	23 23 44.6 +0.2
EKS2	Erkin-Say	49.33 335	P	P	23 23 33.5 +1.6
SONH	Songino Array	49.93 7	eP	P	23 23 32.0 +0.2
ULN	Ulanbaatar	49.03 7	eP	P	23 23 32.8 +0.2
ULN	Ulanbaatar	49.03 7	eP	P	23 23 33.0 +0.4
USP	Ospetovka	49.13 336	P	P	23 23 35.4 +1.1
MNAS	Manas	49.33 334	iP	P	23 23 34.5 +0.0
MNAS	Manas	49.33 334	iP	P	23 23 37.6 +0.1
MK01	Makanchi Array	49.65 345	eP	P	23 23 37.3 0.0
MK31	Makanchi Array	49.68 345	iP	P	23 23 37.6 +0.1
MK31	Makanchi Array	49.68 345	iP	P	23 23 37.9 +0.4
MK31	Makanchi Array	49.68 345	P	P	23 23 38.0 +0.5
MKAR	Makanchi Array	49.68 345	eP	P	23 23 49.9 -0.3
MKAR	Makanchi Array	49.68 345	eP	P	23 30 43.3 +0.3
MKAR	Makanchi Array	49.68 345	eP	P	23 48 38.2
MKAR	Makanchi Array	49.68 345	eP	P	23 23 37.9 +0.5
MKAR	Makanchi Array	49.68 345	eP	P	23 23 49.9 -0.3
MKAR	Makanchi Array	49.68 345	eP	P	23 23 43.3 +0.3
MKAR	Makanchi Array	49.68 345	eP	P	23 23 37.9 +0.5
MKAR	Makanchi Array	49.68 345	eP	P	23 23 49.9 -0.3
MKAR	Makanchi Array	49.68 345	eP	P	23 23 37.9 +0.5
MKAR	Makanchi Array	49.68 345	eP	P	23 23 49.9 -0.3
MAKZ	Makanchi	49.77 345	eP	P	23 23 37.3 -0.9
MAKZ	Makanchi	49.77 345	eP	P	23 23 37.3 -0.9
MAKZ	Makanchi	49.77 345	eP	P	23 23 37.3 -0.9
CTAO	Charters Tower	49.96 116	eP	P	23 23 38.7 -1.4
CTAO	Charters Tower	49.96 116	eP	P	23 23 38.7 -1.4
CN2	Changchun	50.35 25	eP	P	23 23 45.3 +2.8
CN2	Changchun	50.35 25	eP	P	23 23 56.5 +1.3
CN2	Changchun	50.35 25	eP	P	23 30 56.2 +3.9
CN2	Changchun	50.35 25	eP	P	23 23 45.3 +2.8
CN2	Changchun	50.35 25	eP	P	23 23 56.5 +1.3
CN2	Changchun	50.35 25	eP	P	23 30 56.2 +3.9
CN2	Changchun	50.35 25	eP	P	23 23 45.3 +2.8
CN2	Changchun	50.35 25	eP	P	23 23 56.5 +1.3
CN2	Changchun	50.35 25	eP	P	23 30 56.2 +3.9
QLP	Quilpie	50.40 124	P	P	23 23 44.2 +1.0
INU	Inuyama	50.53 41	eP	P	23 23 44.5 +0.4
STKA	Stephens Creek	50.63 132	P	P	23 23 46.1 +1.3
STKA	Stephens Creek	50.63 132	P	P	23 23 46.2 +1.3
STKA	Stephens Creek	50.63 132	P	P	23 23 44.4 -0.5
STKA	Stephens Creek	50.63 132	P	P	23 23 44.4 -0.5
STKA	Stephens Creek	50.63 132	P	P	23 23 44.4 -0.5
KK31	Karatay Array	50.70 333	iP	P	23 23 45.2 -0.1
KK31	Karatay Array	50.70 333	iP	P	23 23 45.6 +0.3
KKAR	Karatay Array	50.70 333	eP	P	23 23 45.6 +0.3
KKAR	Karatay Array	50.70 333	eP	P	23 23 45.6 +0.3
JHU2	Mitsune	51.15 45	eP	P	23 23 48.3 -0.4
ZAK	Zakamensk	51.17 3	eP	P	23 23 48.2 -0.6
DGZ	Jazzart, Alta	51.34 350	iP	P	23 23 50.9 +0.8
DGZ	Jazzart, Alta	51.34 350	iP	P	23 23 50.9 +0.8
HVS	Khovu-Aksy	52.00 356	eP	P	23 23 55.9 +1.0
HVS	Khovu-Aksy	52.00 356	eP	P	23 23 55.9 +1.0
MAJO	Matsushiro	52.02 40	eP	P	23 23 54.7 -0.5
MAJO	Matsushiro	52.02 40	eP	P	23 23 55.2 0.0
MJB9	Matsu-Tunnel	52.02 40	eP	P	23 23 54.0 -1.2
MSHR	Mys Shulzha	52.02 30	eP	P	23 23 54.7 -0.4
MJAR	Matsushiro Arr	52.02 40	LR	LR	23 28 28.9
MOY	Mondy	52.36 2	eP	P	23 23 58.1 +0.5
MOY	Mondy	52.36 2	eP	P	23 23 58.1 +0.5
TLY	Talaya	52.49 4	eP	P	23 23 59.2 +0.7
TLY	Talaya	52.49 4	eP	P	23 23 20.7 -1.0
TLY	Talaya	52.49 4	eP	P	23 23 59.2 +0.7
TLY	Talaya	52.49 4	eP	P	23 23 20.7 -1.0
MDJ	Mudanjiang	52.81 27	P	P	23 24 01.6 +0.7
MDJ	Mudanjiang	52.81 27	P	P	23 24 10.7 -3.0
MDJ	Mudanjiang	52.81 27	P	P	23 24 14.6 -4.4
MDJ	Mudanjiang	52.81 27	P	P	23 23 01.6 +0.9
MDJ	Mudanjiang	52.81 27	P	P	23 29 03.2 -0.5
MDJ	Mudanjiang	52.81 27	P	P	23 29 07.9 -0.5
MDJ	Mudanjiang	52.81 27	P	P	23 31 32.2 +6.0
MDJ	Mudanjiang	52.81 27	P	P	23 23 59.2 +0.7
MDJ	Mudanjiang	52.81 27	P	P	23 23 20.7 -1.0
MDJ	Mudanjiang	52.81 27	P	P	23 23 59.2 +0.7
MDJ	Mudanjiang	52.81 27	P	P	23 23 20.7 -1.0

MDJ	comp=Z,450nm,4.9s	LR	LR		
HIA	Hailar	53.03 17	eP	P	23 24 01.4 -1.1
HIA	Hailar	53.03 17	eP	P	23 24 01.4 -1.1
CMSA	Cobar Meteorol	53.58 129	P	P	23 24 07.6 +0.7
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 06.2 -0.7
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 18.4 -1.3
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 06.2 -0.7
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 18.4 -1.3
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 06.2 -0.7
USRK	Ussuriysk Ar	53.62 29	P	P	23 24 18.4 -1.3
GEYT	Alibek	53.95 320	P	P	23 24 10.2 +0.7
GEYT	Alibek	53.95 320	P	P	23 24 10.2 +0.7
GEYT	Alibek	53.95 320	P	P	23 24 10.2 +0.7
GEYT	Alibek	53.95 320	P	P	23 24 10.2 +0.7
KURBB	Kurchatov Arra	54.19 344	P	P	23 24 11.3 +0.4
KURBB	Kurchatov Arra	54.19 344	P	P	23 24 23.9 +0.1
KURBB	Kurchatov Arra	54.19 344	P	P	23 24 11.3 +0.4
KURBB	Kurchatov Arra	54.19 344	P	P	23 24 23.9 +0.1
KURK	Kurchatov	54.25 344	eP	P	23 24 11.4 +0.1
KURK	Kurchatov	54.25 344	eP	P	23 24 11.4 +0.1
KURK	Kurchatov	54.25 344	eP	P	23 24 11.4 +0.1
KURK	Kurchatov	54.25 344	eP	P	23 24 11.4 +0.1
KURK	Kurchatov	54.25 344	eP	P	23 24 11.4 +0.1
PAF	Port-aux-Franc	54.26 203	eP	P	23 24 09.6 -1.8
PAF	Port-aux-Franc	54.26 203	eP	P	23 24 09.6 -1.8
PAF	Port-aux-Franc	54.26 203	eP	P	23 24 09.6 -1.8
PAF	Port-aux-Franc	54.26 203	eP	P	23 24 09.6 -1.8
EIDS	Eidsvold	55.76 120	P	P	23 24 23.3 +0.5
EIDS	Eidsvold	55.76 120	P	P	23 24 21.5 -1.3
EIDS	Eidsvold	55.76 120	P	P	23 24 21.5 -1.3
ZALV	Zalesovo Beam	55.88 350	P	P	23 24 23.3 +0.2
ZALV	Zalesovo Beam	55.88 350	P	P	23 24 23.3 +0.2
ZALV	Zalesovo Beam	55.88 350	P	P	23 24 23.3 +0.2
ZALV	Zalesovo Beam	55.88 350	P	P	23 24 23.3 +0.2
ZALV	Zalesovo Beam	55.88 350	P	P	23 24 23.3 +0.2
TOO	Toolangi	56.20 136	P	P	23 24 28.6 +2.9
TOO	Toolangi	56.20 136	P	P	23 24 28.6 +2.9
TOO	Toolangi	56.20 136	P	P	23 24 28.6 +2.9
TOO	Toolangi	56.20 136	P	P	23 24 28.6 +2.9
TOO	Toolangi	56.20 136	P	P	23 24 28.6 +2.9
YNG	Young	56.81 131	P	P	23 24 31.1 +0.9
YNG	Young	56.81 131	P	P	23 24 31.1 +0.9
YNG	Young	56.81 131	P	P	23 24 31.1 +0.9
YNG	Young	56.81 131	P	P	23 24 31.1 +0.9
YNG	Young	56.81 131	P	P	23 24 31.1 +0.9
NVS	Novosibirsk	57.02 349	iP	P	23 24 31.1 0.0
NVS	Novosibirsk	57.02 349	iP	P	23 24 31.1 0.0
NVS	Novosibirsk	57.02 349	iP	P	23 24 31.1 0.0
NVS	Novosibirsk	57.02 349	iP	P	23 24 31.1 0.0
NVS	Novosibirsk	57.02 349	iP	P	23 24 31.1 0.0
KLR	Kul'dur	57.30 25	LR	LR	23 50 56.3
KLR	Kul'dur	57.30 25	LR	LR	23 50 56.3
KLR	Kul'dur	57.30 25	LR	LR	23 50 56.3
KLR	Kul'dur	57.30 25	LR	LR	23 50 56.3
KLR	Kul'dur	57.30 25	LR	LR	23 50 56.3
RAYN	Rayn	57.34 299	eP	P	23 24 32.8 -0.5
RAYN	Rayn	57.34 299	eP	P	23 24 44.7 -2.3
RAYN	Rayn	57.34 299	eP	P	23 24 44.7 -2.3
RAYN	Rayn	57.34 299	eP	P	23 24 44.7 -2.3
RAYN	Rayn	57.34 299	eP	P	23 24 44.7 -2.3
BRVK	Borovoye	58.85 340	eP	P	23 24 43.7 -0.3
BRVK	Borovoye	58.85 340	eP	P	23 24 43.7 -0.3
BRVK	Borovoye	58.85 340	eP	P	23 24 43.7 -0.3
BRVK	Borovoye	58.85 340	eP	P	23 24 43.7 -0.3
BRVK	Borovoye	58.85 340	eP	P	23 24 43.7 -0.3
BOD	Bodaibo	59.71 9	eP	P	23 24 50.0 +0.1
BOD	Bodaibo	59.71 9	eP	P	23 24 50.0 +0.1
BOD	Bodaibo	59.71 9	eP	P	23 24 50.0 +0.1
BOD	Bodaibo	59.71 9	eP	P	23 24 50.0 +0.1
BOD	Bodaibo	59.71 9	eP	P	23 24 50.0 +0.1
AB31	Akbulak array	60.18 332	iP	P	23 24 52.8 -0.5
AB31	Akbulak array	60.18 332	iP	P	23 24 52.8 -0.5
AB31	Akbulak array	60.18 332	iP	P	23 24 52.8 -0.5
AB31	Akbulak array	60.18 332	iP	P	23 24 52.8 -0.5
AB31	Akbulak array	60.18 332	iP	P	23 24 52.8 -0.5
ABKAR	Akbulak array	60.18 332	eP	P	23 24 53.0 -0.3
ABKAR	Akbulak array	60.18 332	eP	P	23 24 53.0 -0.3
ABKAR	Akbulak array	60.18 332	eP	P	23 24 53.0 -0.3
ABKAR	Akbulak array	60.18 332	eP	P	23 24 53.0 -0.3
ABKAR	Akbulak array	60.18 332	eP	P	23 24 53.0 -0.3
KMBO	Kilima Mbogo	61.77 269	LR	LR	23 46 31.3
KMBO	Kilima Mbogo	61.77 269	LR	LR	23 46 31.3
KMBO	Kilima Mbogo	61.77 269	LR	LR	23 46 31.3
KMBO	Kilima Mbogo	61.77 269	LR	LR	23 46 31.3
KMBO	Kilima Mbogo	61.77 269	LR	LR	23 46 31.3
AKTO	Aktuybinsk	61.90 332	P	P	23 25 04.5 -0.5
AKTO	Aktuybinsk	61.90 332	P	P	23 25 04.5 -0.5
AKTO	Aktuybinsk	61.90 332	P	P	23 25 04.5 -0.5
AKTO	Aktuybinsk	61.90 332	P	P	23 25 04.5 -0.5
AKTO	Aktuybinsk	61.90 332	P	P	23 25 04.5 -0.5
AKTO	Aktuybinsk	61.90 332	P	P	23 25 17.8 -0.2
AKTO	Aktuybinsk	61.90 332	P	P	23 25 17.8 -0.2
AKTO	Aktuybinsk	61.90 332	P	P	23 25 17.8 -0.2
AKTO	Aktuybinsk	61.90 332	P	P	23 25 17.8 -0.2
AKTO	Aktuybinsk	61.90 332	P	P	23 25 17.8 -0.2
AKTO	Aktuybinsk	61.90 332	P	P	23 25 03.8 -1.1
AKTO	Aktuybinsk	61.90 332	P	P	23 25 03.8 -1.1
AKTO	Aktuybinsk	61.90 332	P	P	

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOPC, MVCO, PRU, BRZ, BZS, etc.

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

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

MEX 05 23:51:07.0-7.5, 14.93N-93.07W, h73km, 11km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

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

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

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

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

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

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

DSN 06:00:16:48.75.4.38.67N-43.23E,h10km,mb4.3/1, Error ellipse: s-maj=93.6km s-min=8.2km az=90.0
 DDA 06:00:16:49.0.38.73N-43.53E,h13km,ML4.2
 ISK 06:00:16:49.0.38.75N-43.58E,h6km,ML4.4
 ISCBJ 06:00:16:49.2.0.4.38.70N-02:43.71E,0.01,h6km,2km, mb4.4/50,MS3.5/13, Error ellipse: s-maj=2.7km s-min=1.7km az=160.6
 MOS 06:00:16:49.6.1.6.38.65N-43.70E,h9km,mb4.6/20, Error ellipse: s-maj=5.5km s-min=4.4km az=99.2
 CSEM 06:00:16:49.6.0.1.38.72N-43.65E,h2km,mb4.6/6, Error ellipse: s-maj=3.1km s-min=2.0km az=164.0
 NSSC 06:00:16:50.3.2.38.59N-43.70E,h136km,50km,ML3.7
 ISC 06:00:16:50.5.0.4.38.75N-02:43.62E,0.02,h5km,3km, n353,r1977/422,mb4.4/52,MS3.4/14,56C-51D,Turkey

Code	Station Name	Δ ^a	AZ ^b	Phase ID	Time	Res
					h m s	ISC
VANB	Van	0.24 230	PG	Pg	00 16 54.9	-0.2
VANB	Van	0.24 230	SG	Sg	00 16 59.6	+1.3
VANB	Van	0.25 351	eSg	eSg	00 16 54.9	-0.2
VMUR	Van-Muradiye	0.25 351	iP	Pg	00 16 54.5	-0.9
VMUR	Van-Muradiye	0.25 351	iS	Sg	00 16 59.7	+1.0
VMUR	Van	0.28 218	iP	Pg	00 16 59.7	+1.0
TVAN	Van	0.28 218	iS	Sg	00 17 00.1	+0.5
TVAN	Van	0.28 218	P	Pg	00 16 54.9	-1.0
TVAN	Van	0.28 218	S	Sg	00 17 00.1	+0.5
ERCV	ERCIS-VAN	0.35 321	PG	Pg	00 16 55.4	-2.0
ERCV	ERCIS-VAN	0.35 321	SG	Sg	00 17 05.9	+1.1
ERCV	ERCIS-VAN	0.35 321	ePg	Pg	00 16 55.4	-2.0
ERCV	ERCIS-VAN	0.35 321	eSg	Sg	00 17 00.9	-1.1
CLDR	Caldiran	0.46 30	PG	Pg	00 16 58.9	-0.5
CLDR	Caldiran	0.46 30	SG	Sg	00 17 05.7	+0.3
CLDR	Caldiran	0.46 30	ePg	Pg	00 16 58.9	-0.5
CLDR	Caldiran	0.46 30	eSg	Sg	00 17 05.7	+0.3
GEVA	Gevas	0.62 226	iP	Pg	00 16 59.9	-2.5
GEVA	Gevas	0.62 226	iS	Sg	00 17 10.2	-0.2
GEVA	Gevas	0.62 226	P	Pg	00 16 59.9	-2.5
GEVA	Gevas	0.62 226	S	Sg	00 17 10.2	-0.2
TUTA	Tutak	0.91 316	iP	Pg	00 17 04.8	-3.1
TUTA	Tutak	0.91 316	iS	Sg	00 17 17.8	-1.8
TUTA	Tutak	0.91 316	P	Pg	00 17 04.8	-3.1
TUTA	Tutak	0.91 316	S	Sg	00 17 17.8	-1.8
AGR	Hanur-Agry	0.96 330	PG	Pg	00 17 06.1	-2.9
AGR	Hanur-Agry	0.96 330	ePg	Pg	00 17 13.2	-1.7
YOVA	Hakkari_Y...kse	1.27 155	iP	Pg	00 17 35.3	+2.7
YOVA	Hakkari_Y...kse	1.27 155	iS	Sg	00 17 13.2	-1.7
YOVA	Hakkari_Y...kse	1.27 155	P	Pg	00 17 13.2	-1.7
YOVA	Hakkari_Y...kse	1.27 155	S	Sg	00 17 12.7	-3.0
EKAR	Karacoban	1.32 293	iP	Pg	00 17 35.0	+1.3
EKAR	Karacoban	1.32 293	iS	Sg	00 17 12.7	-3.0
EKAR	Karacoban	1.32 293	P	Pg	00 17 35.0	+1.3
EKAR	Karacoban	1.32 293	S	Sg	00 17 12.7	-3.0
TASB	TASBURUN-IGDIR	1.32 21	PN	Pn	00 17 14.5	-1.2
TASB	TASBURUN-IGDIR	1.32 21	ePN	Pn	00 17 14.5	-1.2
HYR	Heyderabad	1.36 44	iP	Pg	00 17 15.9	-0.3
HYR	Heyderabad	1.36 44	iS	Sg	00 17 32.8	-1.5
EATA	Eleskirt	1.42 322	iP	Pg	00 17 14.1	-3.1
EATA	Eleskirt	1.42 322	iS	Sg	00 17 35.5	-0.6
EATA	Eleskirt	1.42 322	P	Pg	00 17 14.1	-3.1
EATA	Eleskirt	1.42 322	S	Sg	00 17 35.5	-0.6
CUKT	Cukurca	1.50 180	iP	Pg	00 17 16.7	-1.4
CUKT	Cukurca	1.50 180	iS	Sg	00 17 16.6	-1.6
CUKT	Cukurca	1.50 180	P	Pg	00 17 16.7	-1.4
CUKT	Cukurca	1.50 180	S	Sg	00 17 16.6	-1.6
NAX	Nakhchivan	1.52 73	P	Pn	00 17 18.0	-0.4
NAX	Nakhchivan	1.52 73	P	Pn	00 17 18.0	-0.4
NAX	Nakhchivan	1.52 73	P	Pn	00 17 18.0	-0.4
NAX	Nakhchivan	1.52 73	P	Pn	00 17 18.0	-0.4
SRTM	Siirt_Merkez	1.53 241	iP	Pg	00 17 16.1	-2.5
SRTM	Siirt_Merkez	1.53 241	iS	Sg	00 17 37.9	-1.0
SRTM	Siirt_Merkez	1.53 241	P	Pn	00 17 16.1	-2.5
SRTM	Siirt_Merkez	1.53 241	S	Sg	00 17 37.9	-1.0
SIRT	Siirt	1.55 217	PN	Pn	00 17 17.2	-1.6
SIRT	Siirt	1.55 217	ePN	Pn	00 17 17.2	-1.6
SBZ	Shahbuz	1.64 66	iP	Pg	00 17 19.6	-0.4
SBZ	Shahbuz	1.64 66	iS	Sg	00 17 39.9	-1.6
GNI	Garni	1.65 31	PN	Pn	00 17 20.7	+0.4
GNI	Garni	1.65 31	c/P	Pn	00 17 20.6	+0.4
GNI	Garni	1.65 31	c/P	Pn	00 17 20.6	+0.4
GNI	Garni	1.65 31	c/P	Pn	00 17 20.6	+0.4
DIGO	Kars	1.68 354	iP	Pg	00 17 20.2	-0.5
DIGO	Kars	1.68 354	iS	Sg	00 17 45.3	+0.9
DIGO	Kars	1.68 354	P	Pg	00 17 20.2	-0.5
DIGO	Kars	1.68 354	S	Sg	00 17 45.3	+0.9
ORD	Ordubad	1.86 84	iP	Pg	00 17 22.9	-0.2
ORD	Ordubad	1.86 84	iS	Sg	00 17 45.8	-1.2
KARS	Kars	1.93 348	PN	Pn	00 17 23.5	-0.5
KARS	Kars	1.93 348	ePN	Pn	00 17 23.5	-0.5
EAK	Akyaka	1.94 360	iP	Pg	00 17 24.6	+0.4
EAK	Akyaka	1.94 360	iS	Sg	00 17 58.3	+5.6
EAK	Akyaka	1.94 360	P	Pg	00 17 24.6	+0.4
EAK	Akyaka	1.94 360	S	Sg	00 17 58.3	+5.6
BINGL	BINGOL	1.94 277	iP	Pg	00 17 23.4	-0.9
BINGL	BINGOL	1.94 277	iS	Sg	00 17 49.8	+0.7
BTMN	Batman	2.04 246	iP	Pg	00 17 24.1	-1.4
BTMN	Batman	2.04 246	iS	Sg	00 17 52.3	+1.0
BTMN	Batman	2.04 246	P	Pn	00 17 24.1	-1.4
BTMN	Batman	2.04 246	S	Sg	00 17 52.3	+1.0
SENK	Senkaya-Erzuru	2.06 332	PN	Pn	00 17 25.1	-0.8
SENK	Senkaya-Erzuru	2.06 332	ePN	Pn	00 17 25.1	-0.8
ERZM	Erzurum	2.10 304	iP	Pg	00 17 24.6	+0.4
ERZM	Erzurum	2.10 304	iS	Sg	00 17 55.4	-0.2
ERZM	Erzurum	2.10 304	P	Pn	00 17 25.5	-1.0
ERZM	Erzurum	2.10 304	S	Sg	00 17 55.4	-0.2
BNGB	Bingöl	2.31 277	PN	Pn	00 17 28.0	-1.3
BINT	Bingöl	2.45 274	PN	Pn	00 17 29.1	-1.7
BINT	Bingöl	2.45 274	ePN	Pn	00 17 29.0	-3.2
BINT	Bingöl	2.45 274	P	Pn	00 17 29.5	-1.7
YEDI	Yedisu-Bingöl	2.49 287	PN	Pn	00 17 30.0	-1.8
YEDI	Yedisu-Bingöl	2.49 287	ePN	Pn	00 17 30.0	-1.8
GDB	GEDABAY	2.57 39	iP	Pg	00 17 32.7	-0.2
GDB	GEDABAY	2.57 39	iS	Sg	00 18 03.4	-1.1
AKH	Akhalkalaki	2.66 358	ePN	Pn	00 17 33.3	-0.9
AKH	Akhalkalaki	2.66 358	ePN	Pn	00 17 33.3	-0.9
DAGI	Agillar	2.67 331	iP	Pg	00 17 37.2	-1.6
DAGI	Agillar	2.67 331	iS	Sg	00 18 20.0	+3.6
OZGX	Ozax, Azerbai	2.67 30	iP	Pg	00 17 34.0	-0.2
OZGX	Ozax, Azerbai	2.67 30	iS	Sg	00 18 05.8	-1.1
DIY	Diyarbakir	2.80 253	ePN	Pn	00 17 35.9	-0.9
MAZI	Mazidag	2.81 244	ePN	Pn	00 17 34.2	-2.0
MAZI	Mazidag	2.81 244	ePN	Pn	00 17 34.2	-2.0
GANJ	Ganja	2.82 47	P	Pn	00 17 35.9	-0.3
GANJ	Ganja	2.82 47	P	Pn	00 17 35.9	-0.3
GANJ	Ganja	2.82 47	P	Pn	00 17 35.9	-0.3
GANJ	Ganja	2.82 47	P	Pn	00 17 35.9	-0.3
DYBB	Diyarbakir	2.85 255	ePN	Pn	00 17 35.9	-0.7
KBSD	Kabsdagh	2.99 235	eP	Pn	00 17 37.6	-1.1
KBSD	Kabsdagh	2.99 235	eP	Pn	00 17 37.6	-1.1
KBSD	Kabsdagh	2.99 235	eP	Pn	00 17 37.6	-1.1
KBSD	Kabsdagh	2.99 235	eP	Pn	00 17 37.6	-1.1
BORCA	Borcka	3.10 331	ePN	Pn	00 17 39.9	-0.2
BORCA	Borcka	3.10 331	ePN	Pn	00 17 39.9	-0.2
TBLG	Delisi	3.10 16	ePN	Pn	00 17 39.9	-0.2
TBLG	Delisi	3.10 16	ePN	Pn	00 17 39.9	-0.2
BRDA	Brd	3.14 60	iP	Pg	00 17 40.2	-0.4
BRDA	Brd	3.14 60	iP	Pg	00 17 40.2	-0.4
BRDA	Brd	3.14 60	iP	Pg	00 17 40.2	-0.4
BRDA	Brd	3.14 60	iP	Pg	00 17 40.2	-0.4
ERZIN	Erzincan	3.15 287	ePN	Pn	00 18 17.0	-1.4
ERZIN	Erzincan	3.15 287	ePN	Pn	00 18 17.0	-1.4
BAYT	Ayd-ntepe-Bay	3.15 303	ePN	Pn	00 17 40.3	-0.6
BAYT	Ayd-ntepe-Bay	3.15 303	ePN	Pn	00 17 40.3	-0.6
PTK	Pertek	3.31 274	ePN	Pn	00 17 42.5	-0.5
PTK	Pertek	3.31 274	ePN	Pn	00 17 42.5	-0.5
MNGR	Mingchevir, A	3.35 52	iP	Pg	00 17 43.1	-0.3
MNGR	Mingchevir, A	3.35 52	iP	Pg	00 17 43.1	-0.3
MNGR	Mingchevir, A	3.35 52	iP	Pg	00 17 43.1	-0.3
MNGR	Mingchevir, A	3.35 52	iP	Pg	00 17 43.1	-0.3
SVRC	Sivrice-ELAZID	3.40 265	ePN	Pn	00 17 43.6	-0.7
SVRC	Sivrice-ELAZID	3.40 265	ePN	Pn	00 17 43.6	-0.7
EZC	Erzincan	3.46 288	ePN	Pn	00 17 43.0	-4.8

ZRD	Zardab	3.50 63	iP	Pn	00 17 45.2	-0.2
ZRD	Zardab	3.50 63	iP	Pn	00 17 45.2	-0.2
SUFN	Sufian	3.63 231	iS	Pn	00 18 25.7	-1.4
SUFN	Sufian	3.63 231	eP	Pn	00 17 47.0	-0.3
SUFN	Sufian	3.63 231	eP	Pn	00 17 47.0	-0.3
SUFN	Sufian	3.63 231	eP	Pn	00 17 47.0	-0.3
SEKA	Sheki	3.69 47	P	Pn	00 17 48.6	+0.4
SEKA	Sheki	3.69 47	iP	Pn	00 17 48.6	+0.4
SEKA	Sheki	3.69 47	iP	Pn	00 17 48.6	+0.4
SEKA	Sheki	3.69 47	iP	Pn	00 17 48.6	+0.4
ZKTA	Zakatala	3.69 38	P	Pn	00 18 32.0	0.0
ZKTA	Zakatala	3.69 38	P	Pn	00 17 48.1	-0.1
ZKTA	Zakatala	3.69 38	P	Pn	00 17 48.1	-0.1
ZKTA	Zakatala	3.69 38	P	Pn	00 17 48.1	-0.1
LRK	Lenkeran	3.69 90	iP	Pn	00 17 48.2	-0.1
LRK	Lenkeran	3.69 90	iP	Pn	00 17 48.2	-0.1
LRK	Lenkeran	3.69 90	iP	Pn	00 17 48.2	-0.1
LRK	Lenkeran	3.69 90	iP	Pn	00 17 48.2	-0.1
TRABZ	Trabzon	3.71 308	ePN	Pn	00 18 31.2	-1.1
TRABZ	Trabzon	3.71 308	ePN	Pn	00 17 48.5	0.0
TRABZ	Trabzon	3.71 308	ePN	Pn	00 17 48.5	0.0
TRABZ	Trabzon	3.71 308	ePN	Pn	00 17 48.5	0.0
GLBA	Glaba	3.75 81	iP	Pn	00 17 48.7	-0.2
GLBA	Glaba	3.75 81	iP	Pn	00 17 48.7	-0.2
GLBA	Glaba	3.75 81	iP	Pn	00 17 48.7	-0.2
GLBA	Glaba	3.75 81	iP	Pn	00 17 48.7	-0.2
KDMR	Kurdeмир	3.88 64	iP	Pn	00 18 32.3	-1.2
KDMR	Kurdeмир	3.88 64	iP	Pn	00 17 50.4	-0.4
KDMR	Kurdeмир	3.88 64	iP	Pn	00 17 50.4	-0.4
KDMR	Kurdeмир	3.88 64	iP	Pn	00 17 50.4	-0.4
SAAT	Saatly	3.89 72	iP	Pn	00 18 35.3	-1.4
SAAT	Saatly	3.89 72	iP	Pn	00 17 50.1	-0.7
SAAT	Saatly	3.89 72	iP	Pn	00 17 50.1	-0.7
SAAT	Saatly	3.89 72	iP	Pn	00 17 50.1	-0.7
QBL	Gabala	3.92 55	iP	Pn	00 18 34.7	-2.1
QBL	Gabala	3.92 55	iP	Pn	00 17 50.9	-0.4
QBL	Gabala	3.92 55	iP	Pn	00 17 50.9	-0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONGSECA Array, Manteiga, Guadeloupe/Mar, MVO Moncorvo, etc.

WEL 06:00:43:23.7, 48°S, 176°15'E, h33km, ML4.1/6, Off west coast of South Island. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

GUC 06:00:45:14.3-0.6, 36°06'S, 73°21'W, h15km, ML3.7, Near coast of central Chile. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC/JB 06:00:48:37.2-0.6, 43°42'N, 07°145'99E, 0.07, h109km, 3km, mb3.6/9, Error ellipse: s-maj=12.7km, s-min=5.9km, az=151.4. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

JIO Ouri, JIO JMK, JMK Ichinoseki, JMK Ohasama, JMK Okura, JMK Tanohata, JMK Rokugo, JMK JRG, JMK Marumori, JMK JMM, JMK Kaneyama, JMK JYK. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

WEL 06:01:19:10.3, 44°S, 173°17'E, h10km, 2km, ML4.0/9, South Island. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISK 06:01:20:36.0, 38°75'N, 43°53'E, h5km, ML2.8, CSEM 06:01:20:37.2-0.2, 38°75'N, 43°58'E, h2km, ML2.8, Error ellipse: s-maj=7.0km, s-min=4.0km, az=94. DDA 06:01:20:37.6, 38°75'N, 43°54'E, h7km, ML2.9. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

mb1 4.6/6, mb1mx4/2.90, mbtmp4.5/6, ML4.71, MS3.7/10, Ms1 3.7/10, ms1mx3.5/27, Error ellipse: s-maj=36.6km s-min=14.4km az=168.0

NEIC 061:20:59.1±0.0, 43°W, 49°S; 172°80'E, h7km, mb4.5/7, ML4.9(WEL), After WEL

NEIC Felt in Canterbury. ISC 061:20:57.6±1.1, 43°50'S; 0°03:172°93'E; 0°03, h7km, 6km, n265, ±0.1912/279, mb4.4/11, MS3.8/9, 2D, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

ISC 061:24:01.9±2.9, 4°77'S; 154°90'E, h0km, mb4.0/4, mbc1.4/2.5, mb1mx3.7/44, mbtmp4.0/5, ML2.1/1, Error ellipse: s-maj=96.9km s-min=31.0km az=118.0

ISCJB 061:24:05.4±1.6, 5°02'0.2, 154°9E; 0.1, h33km, mb3.9/5, Error ellipse: s-maj=28.6km s-min=11.0km az=24.9

NEIC 061:24:07.2±1.5, 4°95'0.2; 154°9E; 0.1, h35km, n8, ±0.55/8, mb4.2/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

ISC 061:32:40.9±1.6, 31°6'S; 0°1:180°0'W; 0°3, h350km, mb2.8/2, Error ellipse: s-maj=32.6km s-min=16.5km az=178.6

ISC 061:32:41.0±2.1, 31°5'S; 0°1:180°0'W; 0°3, h336km, mb2.7/2, Error ellipse: s-maj=52.6km s-min=29.7km az=34.0

ISC 061:32:42.3±1.6, 31°6'S; 0°1:180°0'E; 0.3, h350km, n7, ±0.511/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

ISC 061:37:24.1±0.2, 36°47'N; 42°34'E, h8km, ML3.3 CSEM 061:37:25.1±0.2, 36°44'N; 42°35'E, h2km, ML3.4, Error ellipse: s-maj=5.0km s-min=3.5km az=15.0

ISC 061:37:26.1±1.1, 36°50'N; 42°48'E, h0km, 5km, ML3.4 DDA 061:37:28.1±2.1, 36°56'N; 42°31'E, h9km, ML3.5 NSSC 061:37:29.1±1.2, 36°49'N; 0°03:42°34'E; 0°02, h8km, 10km, n44, ±0.82/70, Iraq

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various seismic stations and their associated data points.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BTCH, TOKA, KBZ, KVAR, MARH, TOTH, BR131, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARU, ARU, ARU, ARU, ARU, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ABL, PMLM, OSI, OSI, SMMC, etc.

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

ISCJB 06 02:14:07.0.4.34:37N.02:11:19.81W.0:03,h26km,3km, Error ellipse: s-maj=5.2km s-min=3.2km az=145.4 NEIC 06 02:14:08.6.0.0.34:40N.119:81W,h14km,ML3.0(PAS), After PAS. NEIC Felt [I] at Santa Barbara and [II] at Goleta. Also felt at Camarillo and Carpinteria. ISC 06 02:14:07.7.1.1.3437N.02:11:19.80W.0:03,h18km,4km, n54, +070/69, Southern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bangkinang, Padang, Sungai Dareh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, PMG, CMAR, STKA, MAJOR, USRK, SONM, MKAR, PKAR, AAK, KURK, RAYN, TORR, LCO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBLG, ONI, BTNK, Botanikuri, etc.

ISN 06 02:43:41.65.2.37.80N-42:76E, h0km, 27km, ML3.2
CSEM 06 02:43:42.3.0.2.38.00N-42:68E, h2km, ML2.9, Error
ellipse: s-maj=5.6km s-min=4.2km az=139.0

NSSP 06 03:13:33.8.40.85N-42:58E, h7km, Ms3.7
TIF 06 03:13:34.8.40.79N-42:56E, h20km, 1km
DDA 06 03:13:34.6.40.83N-42:61E, h1km, ML4.0

IDC 06 03:06:02.9.4.4.46.41N-153:06E, h0km, mb3.7/3,
mb1.4/0.3, mb1mx3.4/4.3, mbtmp3.7/3.7, Error ellipse:
s-maj=153.4km s-min=38.8km az=9.0, Kuril Islands

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

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

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

IDC 06 03:04:54.9.0.8.1.15S-123:23E, h0km, mb4.1/11,
mb1.4/3.11, mb1mx3.9/4.3, mbtmp4.2/11, MS3.1/2
MS1 3.1/2, ms1mx2.7/3.7, Error ellipse: s-maj=31.5km
s-min=14.9km az=63.0

ISJCJB 06 03:04:58.4.0.3.1.26S-102:04E, h1km, 389km,
mb4.2/15, MS2.9/2, Error ellipse: s-maj=6.4km
s-min=4.9km az=23.3

NEIC 06 03:04:58.2.1.3.1.24S-123:09E, h22km, 10km, mb4.3/5,
Error ellipse: s-maj=10.4km s-min=7.5km az=55.0
DJA 06 03:04:58.3.0.3.1.3.3.12.3E, h10km, M4.7/2, MLv4.7/2
ISJC 06 03:05:00.1.0.6.1.23S-102:06E, h38km, n40,

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

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, COLA, PDGK, ILAR, KSH, KURK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VYHS, DPC, JTS, VTS, LSZ, CLL, GOPC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FITZ, FINES, CSEAM, IDC, NEIC, WEL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MNAS Manas, AML Almayashu, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LKP Lekhapani, MOKO MOKOCHONG, KMO MOKO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GEYT Alibeck, GEYT comp=N,91nm,18.4s, etc.

DDA 06:05:39.43, 0.38744N, 102.4322E, h7km, M2.8
ISK 06:05:39.42, 0.38744N, 102.4324E, h4km, M2.7
CSEM 06:05:39.43, 1.0, 2.38776N, 102.4323E, h5km, M2.7, Error ellipse: s-maj=4.3km s-min=3.3km az=83.0

IDC 06:05:13.15:7.2, 5.61S, 149.47E, h100km, 52km, mb3.2/3, mb1 3.4/4, mb1mx3.0/33, mbmtmp3.6/4, Error ellipse: s-maj=94.9km s-min=51.5km az=120.0, New Britain region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, KOLN Koldanda, LKH Lanzhou, etc.

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

ISCJB 06:05:13:26.8, 1.1, 36.21N, 0.07:141.45E:0.09, h26km, mb3.5/3, Error ellipse: s-maj=10.3km s-min=9.3km az=20.0

JMA 06:05:13:27.1, 0.1, 36.13N, 141.36E, h53km, mb3.0, M3.0
IDC 06:05:13:38.1, 1.5, 34.89N, 137.50E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/47, mbmtmp3.4/3, Error ellipse: s-maj=43.1km s-min=24.7km az=89.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHJO Chosi, JHT Hitachi, JYT Yasato, etc.

ISC 06:05:13:29.2, 1.4, 36.23N, 0.06:141.24E:0.09, h26km, n10, r170/14, mb3.4/3, Near east coast of eastern Honshu

HHC comp=N,380nm,16.7s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

HHC comp=N,91nm,6.2s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

HHC comp=N,480nm,11.2s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

HHC comp=N,750nm,10.6s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

HHC comp=N,290nm,8.8s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

KSH comp=N,3.0nm,1.0s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

KSH comp=N,160nm,7.4s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

PSI comp=N,2.4nm,0.4s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

PSI comp=N,108nm,18.2s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

SOM comp=N,0.5nm,0.5s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

SOM comp=N,178nm,20.6s, 19.76 35 eP S, Hu-ho-hao-te, 05 33 23.2 0.0 S, 05 36 56.6 -6.5

IDC 06:05:47:00.9:3.6, 5.96S, 150.57E, h0km, mb3.2/2, mb1 3.6/2, mb1mx3.2/37, mbmtmp3.2/2, Error ellipse: s-maj=144.4km s-min=46.4km az=118.0, New Britain region

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

ISCJB 06:05:50:52.0:1.8, 2.15N, 0.05:96.05E:0.07, h16km, 12km, mb3.8/6, MS3.1/1, Error ellipse: s-maj=11.8km s-min=8.7km az=167.5

IDC 06:05:50:52.7:1.7, 2.36N, 96.29E, h0km, mb3.7/6, mb1 3.7/8, mb1 3.6/7, mb1mx3.4/49, mbmtmp3.6/8, ML3.8/2, MS3.1/1, MS1 3.1/1, ms1mx2.5/47, Error ellipse: s-maj=53.5km s-min=19.4km az=53.0

DJA 06:05:50:54.0:7.2, N3.3, 9.6E, h10km, M3.6/7, MLV3.6/7
IDC 06:05:50:55.0:1.4, 2.19N, 0.06:96.26E:0.09, h24km, 8km, n21, r151/20, mb3.6/3, Northern Sumatera

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

JMA 06:05:13:54.9, 34.08N, 135.35E, h6km, 1km, M0.4, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JWM Minabe, JWM Kouya.

IDC 06:05:28:48.2, 0.7, 25.60N, 97.03E, h0km, mb3.8/19, mb1 3.9/20, mb1mx3.8/52, mbmtmp3.8/20, ML4.1/1, MS3.6/17, Ms1 3.6/17, ms1mx3.4/46, Error ellipse: s-maj=29.2km s-min=13.1km az=60.0

ISCJB 06:05:28:51.6, 0.3, 25.42N, 0.04:96.46E:0.03, h25km, mb3.9/24, MS3.5/16, Error ellipse: s-maj=5.3km s-min=3.6km az=8.0

BUI 06:05:28:53.7, 25.54N, 96.63E, h59km, mb4.4/23, mb4.6/19, ML4.4/23, MS4.2/20, MS3.7/16

NEIC 06:05:28:55.5, 1.1, 25.51N, 96.96E, h51km, 13km, mb4.4/6, Error ellipse: s-maj=21.8km s-min=7.7km az=60.0

ISC 06:05:28:53.0:3.0, 25.49N, 0.05:96.56E:0.04, h25km, n71,

Table with columns: GUN, P, 35.38 299 eP, P, 06 44 01.6 +1.1, etc. Includes entries like Gumba, Pulchoki, Kani, etc.

Table with columns: ZALV, P, 49.10 333 P, P, 06 45 50.5 -0.2, etc. Includes entries like Zalesovo Beam, Zalesovo Beam, Ala-Archa, etc.

Table with columns: RND, P, 78.10 27 eP, P, 06 49 00.8 -0.3, etc. Includes entries like Reindeer, Palmer, Palmer, etc.

6d 8h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Offset. Includes entries like Z41A Richland Creek, 137A Heron Place, G, X49A Woodville, etc.

2012 JAN

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Offset. Includes entries like IP04 Greensprings, U40A Yellville, V37A Hulbert, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, Offset. Includes entries like P45A Graceland, Par, P46A Rosedale, P44A Sand Creek, Wi, etc.

WUAZ	Wupatki	80.44	331	P	P	08 20 50.5	+1.2
WUAZ	Wupatki	80.44	331	eP	P	08 20 50.5	+1.2
N36A	Muff Mm, Cla	80.44	345	P	P	08 20 48.7	-0.4
BC3	Big Chuckawall	80.50	327	P	P	08 20 50.8	+1.1
M39A	Webster	80.55	347	P	P	08 20 48.9	-0.7
L44A	Lake County Fo	80.58	350	P	P	08 20 48.9	-0.8
N35A	Tabor	80.63	344	P	P	08 20 49.5	-0.5
KSC0	Kaye Shedlock'	80.64	339	P	P	08 20 51.1	+0.8
KSC0	Kaye Shedlock'	80.64	339	eP	P	08 20 51.2	+0.9
L42A	Oliver Tolo	80.65	349	P	P	08 20 49.5	-0.6
M38A	Pleasantville	80.68	346	P	P	08 20 49.8	-0.5
L43A	Garden Prairie	80.69	350	P	P	08 20 49.9	-0.4
S22A	4UR Ranch, Cre	80.79	335	P	P	08 20 51.5	+0.2
S22A	4UR Ranch, Cre	80.79	335	eP	P	08 20 52.0	+0.6
IRM	Iron Mountain	80.79	327	P	P	08 20 52.5	+1.4
N34A	Lincoln	80.80	344	P	P	08 20 50.1	-0.8
M37A	Trindle Farm,	80.83	346	P	P	08 20 51.2	+0.1
L41A	Preston	80.85	348	P	P	08 20 50.8	-0.3
MVCO	Mesa Verde	80.88	334	P	P	08 20 52.2	+0.4
MVCO	Mesa Verde	80.88	334	eP	P	08 20 52.1	+0.4
XPFO	Pison Flat	80.90	326	eP	P	08 20 53.4	+1.6
PFO	Pinyon Flats O	80.90	326	P	P	08 20 52.4	+0.5
PFO	Pinyon Flats O	80.90	326	eP	P	08 20 53.4	+1.6
PFO	Pinyon Flats O	80.90	326	eP	P	08 20 53.4	+1.6
ACCN	Adirondack Com	80.94	1	eP	P	08 20 52.7	+1.0
L40A	Anamosa	80.96	348	P	P	08 20 51.3	-0.4
BELC	Belle Mtn. Jos	81.03	327	P	P	08 20 53.5	+1.0
W13A	Hualapai Mount	81.07	329	eP	P	08 20 53.5	+0.7
L39A	Vinton	81.15	347	P	P	08 20 51.9	-0.8
MURC	Murrieta	81.22	326	P	P	08 20 54.7	+1.3
L38A	Oak Wood Farm,	81.33	347	P	P	08 20 53.4	-0.4
K41A	Shultsburg	81.34	349	P	P	08 20 53.1	-0.7
Q24A	Divide	81.35	337	P	P	08 20 55.2	+0.9
Q24A	Divide	81.35	337	eP	P	08 20 55.2	+0.9
K42A	Prairie Point,	81.36	349	P	P	08 20 53.3	-0.6
L37A	Phoenix Point,	81.47	346	P	P	08 20 54.3	-0.1
GMRC	Granite Mounta	81.55	327	P	P	08 20 56.6	+1.4
K40A	Colesburg	81.56	348	P	P	08 20 54.6	-0.3
U15A	North Rim	81.59	330	eP	P	08 20 56.6	+1.0
L36A	Harm Buss Farm	81.62	345	P	P	08 20 54.6	-0.6
JFWS	Jewell Farm	81.63	349	P	P	08 20 55.0	-0.3
BBRC	Big Bear Solar	81.65	326	P	P	08 20 56.6	+0.7
K39A	Delwein	81.69	348	P	P	08 20 55.0	-0.6
BGNE	Belgrade	81.72	343	P	P	08 20 56.0	+0.2
PV01	Paradox Valley	81.73	334	eP	P	08 20 57.3	+1.0
J43A	Natural Harves	81.83	350	P	P	08 20 54.5	-1.8
J42A	Columbus	81.86	350	P	P	08 20 55.9	-0.6
PV05	Paradox Valley	81.86	334	eP	P	08 20 58.0	+1.1
BFSC	Mount Baldy Ra	81.96	322	P	P	08 20 58.7	+1.3
J41A	Loganville	82.04	349	P	P	08 20 57.1	-0.3
K37A	Belmond	82.06	346	P	P	08 20 56.7	-0.9
K36A	Gilmore City	82.10	346	P	P	08 20 57.2	-0.5
PV10	Paradox Valley	82.11	334	eP	P	08 20 58.6	+0.3
SMCO	Snowmass	82.13	336	eP	P	08 20 59.4	+0.9
L0NY	Lake Ozonia	82.17	0	eP	P	08 20 58.5	+0.4
J40A	Soldiers Grove	82.18	349	P	P	08 20 57.8	-0.4
TUQ	Turquoise Mount	82.22	327	P	P	08 21 00.2	+1.5
ISCO	Idaho Springs	82.26	337	P	P	08 20 59.6	+0.5
ISCO	Idaho Springs	82.26	337	eP	P	08 20 59.6	+0.5
ISCO	Idaho Springs	82.26	337	eP	P	08 20 59.6	+0.5
ISCO	Idaho Springs	82.26	337	eP	P	08 20 59.6	+0.5
J39A	Decorah	82.28	348	P	P	08 20 57.5	-1.2
J38A	Wedel Dairy, R	82.39	347	P	P	08 20 58.8	-0.5
FRNY	Flat Rock	82.39	1	eP	P	08 21 00.3	+1.1
I42A	Draefer Farm,	82.39	350	P	P	08 20 58.7	-0.6
SADO	Sadowa	82.40	357	eP	P	08 20 59.4	+0.2
K34A	Le Mars	82.48	345	P	P	08 20 59.6	-0.2
J37A	Redenius Farm,	82.58	347	P	P	08 20 59.9	-0.4
PLVO	Plevna	82.61	359	eP	P	08 21 00.8	+0.5
I40A	Norwalk	82.64	349	P	P	08 21 00.6	0.0
EDW2	Edwards Air Fo	82.65	326	P	P	08 21 01.5	+0.5
I41A	Arkdale	82.69	349	P	P	08 21 00.5	-0.3
J36A	Seneca 1, Swea	82.74	346	P	P	08 21 00.6	-0.5
I39A	Houston	82.75	348	P	P	08 21 00.9	-0.2
SHPR	Sheep Range	82.81	328	eP	P	08 21 02.3	+0.5
LBTB	Lobates	82.87	116	eP	P	08 21 02.9	+0.3
LBTB	Lobates	82.87	116	eP	P	08 21 02.9	+0.3
SZCU	Shurtz Canyon	82.92	330	eP	P	08 21 04.1	+1.6
MTPU	Mount Pierson	82.96	331	eP	P	08 21 03.4	+0.5
CCUT	Cedar City	82.99	330	eP	P	08 21 04.3	+1.4
K31A	O'Neill	83.01	343	P	P	08 21 03.2	+0.6
LRMC	Laurel Mtn Rad	83.02	325	P	P	08 21 01.9	-1.0
J34A	George	83.02	345	P	P	08 21 02.0	-0.5
I38A	Scanlan Farm,	83.02	348	P	P	08 21 02.3	-0.5
I37A	Lemond, Waseca	83.23	347	P	P	08 21 03.0	-0.6
J33A	Davis	83.27	344	P	P	08 21 02.5	-1.3
SRU	San Rafael Swe	83.29	333	eP	P	08 21 04.1	-0.2

SRU	comp-Z,12nm,1.2s	83.29	333	eP	P	08 21 04.1	-0.2
SRU	San Rafael Swe	83.29	333	eP	P	08 21 04.1	-0.2
H40A	Chil	83.32	349	P	P	08 21 03.5	-0.6
I36A	Fitzsimmons Fa	83.34	346	P	P	08 21 03.5	-0.8
Q16A	Castle Valley	83.35	332	eP	P	08 21 05.8	+1.2
N23A	Red Feather La	83.36	337	P	P	08 21 05.5	+0.8
N23A	Red Feather La	83.36	337	eP	P	08 21 05.7	+1.0
MSU	Marysvale	83.37	332	eP	P	08 21 06.2	+1.4
MSU	Marysvale	83.37	332	eP	P	08 21 06.2	+1.4
I35A	Creekview Farm	83.37	346	P	P	08 21 04.6	+0.2
O20A	White River Ci	83.41	335	P	P	08 21 05.4	+0.5
O20A	White River Ci	83.41	335	eP	P	08 21 05.8	+0.9
MPMC	Manual Prospec	83.42	327	P	P	08 21 05.8	+0.7
PKM	Mpherson Peak	83.48	324	P	P	08 21 05.0	-0.4
FURC	Furnace Creek,	83.49	327	P	P	08 21 05.6	+0.5
J32A	Parkston	83.51	344	P	P	08 21 05.1	0.0
ISA	Isabella, Lake	83.52	326	P	P	08 21 07.0	+1.6
ECSD	EROS Data Cent	83.59	344	P	P	08 21 05.7	+0.2
ECSD	EROS Data Cent	83.59	344	eP	P	08 21 05.5	0.0
TPNV	Topopah Spring	83.64	328	P	P	08 21 07.4	+1.3
DAC	Darwin (Calif)	83.65	327	eP	P	08 21 07.9	+1.7
DAC	Darwin (Calif)	83.65	327	eP	P	08 21 07.9	+1.7
DAC	Darwin (Calif)	83.65	327	eP	P	08 21 07.9	+1.7
DAC	Darwin (Calif)	83.65	327	eP	P	08 21 07.9	+1.7
P18A	Preston Tunnel	83.65	333	eP	P	08 21 07.4	+1.1
P17A	Butcher Ranch,	83.69	333	eP	P	08 21 07.1	+0.8
H37A	Dierke Farm, C	83.69	347	P	P	08 21 05.7	-0.3
TMUT	Trail Mountain	83.70	333	eP	P	08 21 07.6	+1.0
TRQ	Mont Tremblant	83.77	0	eP	P	08 21 06.7	+0.3
H36A	Jessenland, He	83.87	347	P	P	08 21 07.3	+0.5
SMMC	Simmer	83.92	325	P	P	08 21 07.9	+0.5
G40A	Rib Lake	83.93	349	P	P	08 21 08.6	+1.5
I33A	Coleman	83.93	344	P	P	08 21 07.5	+0.3
YES	Vestal, Richgr	83.94	325	P	P	08 21 08.5	+1.1
CWC	Cottonwood Cre	84.00	326	P	P	08 21 08.8	+0.9
G38A	Ridgeland	84.08	348	P	P	08 21 07.6	-0.4
G39A	Holcombe	84.09	349	P	P	08 21 08.1	+0.1
F44A	Big Bay de Noc	84.14	352	P	P	08 21 08.0	-0.2
H35A	Sunnyside Ranc	84.16	346	P	P	08 21 08.0	-0.3
SPMN	Marine on St.	84.30	348	P	P	08 21 08.2	-0.9
SPMN	Marine on St.	84.30	348	eP	P	08 21 08.2	-0.4
H34A	Spellman Lake,	84.31	345	P	P	08 21 09.1	-0.1
RCTC	Rector, Farmer	84.40	326	P	P	08 21 10.6	+0.8
PQI	Presque Isle	84.46	5	eP	P	08 21 10.2	+0.4
G36A	St. Michael	84.47	347	P	P	08 21 09.3	-0.6
MPU	Maple Canyon	84.49	333	eP	P	08 21 11.4	+0.9
KOWA	Kowa	84.49	67	eP	P	08 21 11.6	+0.8
H32A	Carlson Farm,	84.50	344	P	P	08 21 09.6	-0.5
H33A	Presh Over Nor	84.52	345	P	P	08 21 09.9	-0.4
F40A	Park Falls	84.55	350	P	P	08 21 10.1	-0.3
R11A	Troy Canyon, C	84.56	329	P	P	08 21 11.7	+0.9
R11A	Troy Canyon, C	84.56	329	eP	P	08 21 12.2	+1.4
G35A	Watkins	84.59	346	P	P	08 21 10.4	-0.2
NLU	North Lily Min	84.60	332	eP	P	08 21 11.9	+0.9
E43A	Lone Tree Farm	84.60	352	P	P	08 21 10.8	+0.3
F39A	Lorita	84.67	349	P	P	08 21 10.7	-0.2
F37A	Hinrichs Farm,	84.75	348	P	P	08 21 10.9	-0.4
G34A	Orville	84.83	346	P	P	08 21 10.7	-1.0
F38A	Pierce - Schro	84.86	348	P	P	08 21 11.2	-0.6
E41A	Kenton	84.93	350	P	P	08 21 11.6	-0.6
JLU	Jordanelle	84.94	333	eP	P	08 21 13.5	+0.8
G33A	Ortonville	84.95	345	P	P	08 21 11.2	

6d 11h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like APA Apatity, ARAO Apatity Array, ARAO ARCESS Array S, etc.

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Table with columns: TGY, Tagaytay City, 0.46 33 P, Pn, 10 10 04.8 +0.5. Includes stations like BOAC Boac, SJJM San Jose, GUP Guinayangan, etc.

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Table with columns: SEY, Seymen, 27.16 11 P, P, 10 50 03.0 +0.6. Includes stations like SONM Songino Array, H112WAKE ISLAND Hy, H111WAKE ISLAND Hy, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Ouz, RAO, MILA, MGCO, CNB, CAN, TOO, DZM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSH, KSH, MKAR, YKA, YKA, YKA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GTA, Gaotai, SONA, SONGI, GAMB, WMQ, etc.

NEIC 06 12:25:58.0,0.4,3:51S:172:82E, h8km, ML3.9(WEL), After WEL.

NEIC Felt at Christchurch. WEL 06 12:25:56.7,44 S:13:17E, h13km, 3km, ML3.9/4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Lists various seismic stations and their data.

IDC 06 13:01:27.2,1.4,5:46S:152:69E, h0km, mb4.1/10, mb1.4/3.1, mb1mx4.1/36, mbtmp4.1/11, ML2.1/1, MS3.7/8, Ms1.3/7.8, ms1mx3.4/31, Error ellipse: s-maj=47.3km

ISCJB 06 13:01:32.0,0.4,5:42S:0:05:152:52E:0.07, h0km, mb4.5/21, MS3.7/8, Error ellipse: s-maj=11.6km

NEIC 06 13:01:33.0,0.4,5:32S:152:53E, h35km, mb4.7/12, Error ellipse: s-maj=12.2km s-min=6.9km az=110.0

ISC 06 13:01:34.0,0.6,5:41S:0:07:152:6E:0.1, h40km, n59, s1929/56, mb4.4/21, MS3.8/8, New Britain region

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

IDC 06 13:02:26.6,5.8,7:20S:129:36E, h173km, 59km, mb3.6/1, mb1.3/1.4, mb1mx2.9/42, mbtmp3.6/4, MS3.3/1, Ms1.3/3.1, ms1mx2.7/24, Error ellipse: s-maj=56.7km

s-min=26.8km az=64.0, Banda Sea

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

IDC 06 13:16:16.4,0.9,2:77N:53:02E, h0km, mb3.8/20, mb1.3/9.2, mb1mx3.8/53, mbtmp3.8/22, ML3.9/2, MS3.3/10, Ms1.3/3.10, ms1mx3.0/46, Error ellipse: s-maj=21.0km s-min=14.3km az=13.0

ISCJB 06 13:16:17.8,0.3,2:77N:0:03:52:93E:0.05, h14km, mb3.7/19, MS3.5/4, Error ellipse: s-maj=7.3km s-min=3.0km az=153.7

CSEM 06 13:16:20.0,0.3,2:77N:52:77E, h20km, ML3.7, Error ellipse: s-maj=14.3km s-min=3.1km az=70.0

THR 06 13:16:21.6,0.5,28:00N:53:06E, h14km, 50km, ML3.8

TEH 06 13:16:22.8,2.7,69N:52:62E, h26km, ML3.7

OMAN 06 13:16:23.4,0.2,2:77N:52:92E, h26km, Error ellipse: s-maj=9km s-min=3.3km az=30.0

DSN 06 13:16:26.1,0.8,2:76N:53:46E, h10km, ML4.2/8, Error ellipse: s-maj=13.6km s-min=7.3km az=32.0

ISC 06 13:16:18.9,0.5,2:78N:0:04:53:00E:0.05, h14km, n84, s162/90, mb3.7/19, MS3.5/4, Southern Iran

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

ISCJB 06 13:34:46.8±1.2, 36°16'N, 0°06:141:33E, 0.08, h32km, mb3.5/2, MS3.0/1, Error ellipse: s-maj=9.8km s-min=8.2km az=6.0

JMA 06 13:34:48.2, 36°26'N, 141°19'E, h37km, 1km, M3.4 JMA Felt J1.

IDC 06 13:34:50.7±5.1, 35°73'N, 140°71'E, h0km, mb3.4/2, mb1.3/3, mb1mx3.2/39, mbtmp3.3/3, ML2.8/1, MS3.0/1, Ms1.3/2.1, ms1mx2.5/22, Error ellipse: s-maj=124.6km s-min=26.1km az=43.0

ISC 06 13:34:48.8±1.6, 36°58'N, 0°07:141:09E, 0.09, h32km, n9, r1540/11, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like JHO Hitachi, ONAJ Iwakimizuishiy, JYT Yasato, etc.

IDC 06 13:35:47.0±0.8, 12°02'N, 143°73'E, h0km, mb3.9/10, mb1.4/1.0, mb1mx3.8/39, mbtmp3.8/10, Error ellipse: s-maj=34.1km s-min=17.0km az=113.0

ISCJB 06 13:35:49.3±0.7, 12°0N, 0°1:143:6E, 0.2, h25km, mb3.8/10, Error ellipse: s-maj=25.5km s-min=9.7km az=34.5

ISC 06 13:35:51.0±0.9, 12°0N, 0°1:143:7E, 0.2, h25km, n11, r1504/12, mb3.9/10, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like GUMO Guam, WRO Warramunga Arr, ASAR Alice Springs, etc.

ISK 06 13:41:53.0, 40°31'N, 37°86'E, h4km, ML2.7 ISCJB 06 13:41:54.0±0.8, 40°40'N, 0°04:37:78E, 0.04, h6km, 6km, Error ellipse: s-maj=8.0km s-min=4.2km az=151.7

CSEM 06 13:41:54.4±0.2, 40°36'N, 37°77'E, h7km, ML2.7, Error ellipse: s-maj=5.8km s-min=2.9km az=150.0

DDA 06 13:41:54.2, 40°36'N, 37°77'E, h7km, ML2.7 ISC 06 13:41:54.4±1.1, 40°36'N, 0°04:37:82E, 0.03, h10km, 10km, n22, r0544/38, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like SUSE Susehri, CUZAR Zara_SIVAS, SCER sogukcermik, etc.

ISCJB 06 14:11:49.3±0.6, 12°2'N, 0°1:142:03E, 0.09, h150km, mb3.0/1, Error ellipse: s-maj=16.0km s-min=9.8km az=148.5

IDC 06 14:11:49.8±2.0, 12°27'N, 141°39'E, h138km, 20km, mb3.5/11, mb1.3/7.12, mb1mx3.5/38, mbtmp3.9/12, Error ellipse: s-maj=22.8km s-min=13.6km az=107.0

ISC 06 14:11:50.8±0.7, 12°2N, 0°1:142:1E, 0.1, h150km, n12, r0593/13, mb3.6/11, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

JMA 06 14:12:16.9±0.1, 23°41'N, 121°67'E, h42km, 3km, M3.0

ISCJB 06 14:12:17.7±0.3, 23°40'N, 0°02:121:71E, 0.02, h40km, 8km, Error ellipse: s-maj=3.2km s-min=2.3km az=140.5

TAP 06 14:12:17.5, 23°42'N, 121°63'E, h47km, ML3.5, 5 ISC 06 14:12:17.5±0.1, 23°42'N, 0°02:121:69E, 0.02, h31km, 10km, n74, r0586/125, 3C-10D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like HGSD Ruisui, EHY Hungye, TWF1 Yuli, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like NSTT Nanjuang, PTSB Yuanli, WSF Szu, etc.

NEIC 06 14:23:21.0±0.0, 57°19'N, 131°94'W, h1km, ML3.3(AE/C), ML3.5(OT), After OTT.

PGC 06 14:23:21.8±0.1, 57°19'N, 131°94'W, h1km, ML3.5/8, 179km WsW of Dease Lk., BC British Columbia, Canada, British Columbia

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like WRAK Wrangell Island, DLBC Dease Lake, etc.

DDA 06 14:52:37.9, 38°34'N, 43°25'E, h26km, M3.1, ISN 06 14:52:37.8±3.6, 37°74'N, 43°25'E, h0km, 19km, ML3.0

CSEM 06 14:52:39.0±1.0, 37°86'N, 43°25'E, h2km, ML2.7, Error ellipse: s-maj=5.1km s-min=4.1km az=33.0

ISK 06 14:52:39.0, 37°82'N, 43°19'E, h6km, ML2.7 ISC 06 14:52:38.8±1.2, 37°85'N, 0°03:43:24E, 0.02, h3km, 14km, n27, r0576/43, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, ISC h m s, Res ISC. Includes stations like HAKT HAKKARI, HAKT HAKKARI, etc.

6d 18h

RUC	La Rusia	36.24	71	eP	P	19 01 44.0	-0.1
BARC	Barichara	36.38	70	eP	P	19 01 45.7	+0.6
OJAC	Ocana	36.84	67	eP	P	19 01 50.5	+1.6
CCCT	Junction City	37.26	11	eP	P	19 01 52.8	+0.7
JCT	Junction City	37.26	11	eP	P	19 01 52.2	+0.1
JCT	Junction City	37.26	11	eP	P	19 01 52.1	+0.1
CODC	Agust'n Codaz	37.38	65	eP	P	19 01 47.4	-5.9
319A	Douglas	37.49	357	eP	P	19 01 53.7	-eP
HKT	Hockley	37.67	16	eP	P	19 01 55.0	-0.4
HKT	Hockley	37.67	16	eP	P	19 01 55.0	-0.4
MNTX	Cornudas Mount	37.81	3	eP	P	19 01 56.4	-0.3
MNTX	Cornudas Mount	37.81	3	eP	P	19 01 55.4	-1.3
MNTX	El Paso	37.85	1	eP	P	19 01 58.1	+1.0
EPT	El Paso	37.85	1	eP	P	19 01 58.0	-0.4
435B	Jarrell	38.02	14	eP	P	19 02 10.0	+1.0
MTDJ	Mount Denham	38.16	50	eP	P	19 02 01.6	+0.1
214A	Organ Pipe Nat	38.39	352	eP	P	19 02 02.6	+0.2
CLNB	Carlsbad	38.47	5	eP	P	19 02 03.7	+1.0
TUC	Tucson	38.52	355	eP	P	19 02 02.2	-0.5
TUC	Tucson	38.52	355	eP	P	19 02 02.2	-0.5
TUC	Tucson	38.52	355	eP	P	19 02 02.2	-0.5
TUC	Tucson	38.52	355	eP	P	19 02 02.2	-0.5
541A	Lake Charles	38.59	20	eP	P	19 02 04.3	+1.0
121A	Cookes Peak, D	38.60	359	eP	P	19 02 04.7	+1.2
MNMC	Minye Minye	38.84	113	eP	P	19 02 06.5	+0.6
PB11	IPOC Station P	38.94	114	eP	P	19 02 08.6	+1.9
WHXT	Lake Whitney	39.20	13	eP	P	19 02 09.5	+1.1
WHXT	Lake Whitney	39.20	13	eP	P	19 02 08.6	+0.2
PB04	IPOC Station P	39.23	118	eP	P	19 02 09.7	+0.7
113A	Nohawk Valley	39.32	351	eP	P	19 02 10.4	+1.1
ABTX	Abilene, Hawle	39.37	10	eP	P	19 02 09.1	-0.7
ABTX	Abilene, Hawle	39.37	10	eP	P	19 02 09.7	-0.1
236A	Katherine and	39.43	14	eP	P	19 02 11.4	+1.1
PB01	IPOC Station P	39.44	116	eP	P	19 02 11.1	+0.4
442A	Mamou	39.45	20	eP	P	19 02 12.1	+1.6
SDV	Santo Domingo	39.54	68	eP	P	19 02 11.9	+0.2
SDV	Santo Domingo	39.54	68	eP	P	19 02 11.4	-0.3
LPZA	La Paz	39.61	108	eP	P	19 02 13.5	+0.7
LPZA	La Paz	39.61	108	eP	P	19 02 13.5	+0.7
LPZA	La Paz	39.61	108	eP	P	19 02 13.9	+1.1
LPZA	La Paz	39.61	108	eP	P	19 02 11.5	-1.3
237A	Washetta, Mont	39.62	15	eP	P	19 02 13.8	+2.0
NATX	Nacogdoches	39.71	17	eP	P	19 02 14.3	+1.7
NATX	Nacogdoches	39.71	17	eP	P	19 02 12.7	+0.1
BAR	Barrett	39.76	348	eP	P	19 02 13.9	+0.9
GLA	Glamis	39.77	350	eP	P	19 02 13.2	0.0
GLA	Glamis	39.77	350	eP	P	19 02 12.8	-0.3
GLA	Glamis	39.77	350	eP	P	19 02 12.8	-0.3
GLA	Glamis	39.77	350	eP	P	19 02 12.8	-0.3
341A	Kurthwood	39.77	19	eP	P	19 02 13.6	+0.4
136A	Ennis	39.79	14	eP	P	19 02 15.2	+1.1
MONP2	Monument Peak	39.91	348	eP	P	19 02 15.2	+0.7
342A	Flagon Creek P	40.09	20	eP	P	19 02 17.1	+1.3
Y22D	IRIS PASSCAL I	40.14	0	eP	P	19 02 17.3	+1.0
137A	Heron Place, G	40.20	15	eP	P	19 02 15.0	-1.6
BNM	Barren Site	40.22	1	eP	P	19 02 15.6	-1.5
LENM	Lemitar	40.23	0	eP	P	19 02 17.8	+0.4
MSTX	Muleshoe	40.26	6	eP	P	19 02 18.0	+0.7
MSTX	Muleshoe	40.26	6	eP	P	19 02 16.5	-0.8
Y14A	Wickenburg	40.27	353	eP	P	19 02 18.6	+0.5
LPM	Los Pinos Moun	40.38	1	eP	P	19 02 18.8	+0.4
Y12C	Blythe	40.40	351	eP	P	19 02 18.7	+0.4
138A	Matatal Enter	40.44	16	eP	P	19 02 20.0	+1.4
BC3	Big Chuckawall	40.46	350	eP	P	19 02 17.8	-1.2
LAZ	Ladron	40.47	0	eP	P	19 02 19.4	+0.3
XPFO	Piacon Flat	40.61	348	eP	P	19 02 20.1	-0.1
PFO	Pinyon Flats O	40.62	348	eP	P	19 02 21.7	+1.4
PFO	Pinyon Flats O	40.62	348	eP	P	19 02 20.4	+0.1
PFO	Pinyon Flats O	40.62	348	eP	P	19 02 20.4	+0.1
PFO	Pinyon Flats O	40.62	348	eP	P	19 02 20.4	+0.1
139A	Bunkhouse Ranc	40.65	17	eP	P	19 02 21.2	+0.8
X16A	Lo Mia Camp, P	40.67	355	eP	P	19 02 21.5	+0.7
X18A	Snowflake	40.67	357	eP	P	19 02 21.7	+1.0
Z36A	Blue Ridge	40.67	14	eP	P	19 02 21.7	+1.1
446A	Poplarville	40.67	24	eP	P	19 02 21.6	+1.0
344A	Westbrook Farm	40.73	22	eP	P	19 02 22.7	+1.6
MURC	Murrieta	40.76	347	eP	P	19 02 22.2	+0.9
242A	Grayson	40.78	20	eP	P	19 02 22.8	+1.4
Z37A	Pogue Cattle C	40.80	15	eP	P	19 02 23.4	+1.7
243A	Waterproof	40.84	21	eP	P	19 02 22.7	+0.7
CIS	Catalina Islan	40.85	346	eP	P	19 02 23.0	+0.9
140A	Cam and Jess,	40.86	18	eP	P	19 02 22.9	+0.8
345A	Thompson Farm,	40.87	23	eP	P	19 02 22.6	+0.4
PDMCI	Parker Dam, Lak	40.88	351	eP	P	19 02 23.0	+0.8

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IRM	Iron Mountain	40.90	350	eP	P	19 02 22.9	+0.4
BELC	Belle Mtn. Jos	40.90	349	eP	P	19 02 23.1	+0.5
SNCO	San Nicolas Is	40.99	344	eP	P	19 02 24.4	+1.2
GTBY	Guantanamo Bay	41.01	50	eP	P	19 02 22.2	-1.4
GTBY	Albuquerque	41.02	1	eP	P	19 02 24.5	+0.9
ANMO	Albuquerque	41.02	1	eP	P	19 02 22.5	-1.1
ANMO	Albuquerque	41.02	1	eP	P	19 02 23.4	-0.2
ANMO	Albuquerque	41.02	1	eP	P	19 02 23.4	-0.2
141A	Papa Simpson,	41.03	19	eP	P	19 02 24.9	+1.4
Z38A	Mt. Pleasant	41.03	16	eP	P	19 02 25.8	+2.3
Y35A	Marietta	41.14	13	eP	P	19 02 25.8	+1.4
346A	Big Creek Wild	41.16	23	eP	P	19 02 23.5	-1.1
W18A	Petrified Fore	41.24	357	eP	P	19 02 25.8	+0.3
W18A	Petrified Fore	41.24	357	eP	P	19 02 25.8	+0.3
244A	Avery, Jackson	41.28	22	eP	P	19 02 26.3	+0.7
LCO	Las Campanas	41.29	128	eP	P	19 02 25.3	-0.8
AMTX	Amarillo	41.29	7	eP	P	19 02 27.4	+1.7
AMTX	Amarillo	41.29	7	eP	P	19 02 24.8	-0.9
Y36A	Durant	41.31	14	eP	P	19 02 27.5	+1.7
BBRC	Big Bear Solar	41.34	348	eP	P	19 02 27.3	+1.0
BFSC	Mount Baldy Ra	41.48	347	eP	P	19 02 27.2	-0.1
Z40A	Long Farm, Mag	41.48	18	eP	P	19 02 28.0	+0.8
PASC	Pasadena Art C	41.53	346	eP	P	19 02 29.1	+1.5
347A	Sanand	41.55	25	eP	P	19 02 28.7	+1.0
Y37A	Hugo	41.55	15	eP	P	19 02 28.3	+0.5
245A	Little AP, Sta	41.56	23	eP	P	19 02 28.9	+1.0
WMOK	Wichita Mounta	41.59	11	eP	P	19 02 28.9	+0.8
WMOK	Wichita Mounta	41.59	11	eP	P	19 02 28.9	+0.8
WMOK	Wichita Mounta	41.59	11	eP	P	19 02 28.9	+0.8
GMRC	Granite Mounta	41.60	350	eP	P	19 02 29.2	+0.9
143A	Socs Landing,	41.62	20	eP	P	19 02 30.0	+1.7
W13A	Hualapai Mount	41.63	352	eP	P	19 02 28.0	-0.6
X35A	Drake	41.63	13	eP	P	19 02 29.8	+1.4
X35A	Drake	41.63	13	eP	P	19 02 27.6	-0.8
Z41A	Ricland Creek	41.67	18	eP	P	19 02 29.5	+0.8
Y38A	Idabel	41.73	16	eP	P	19 02 29.8	+0.5
WUJZ	Wupatki	41.75	355	eP	P	19 02 28.0	-1.6
WUJZ	Wupatki	41.75	355	eP	P	19 02 30.2	+0.6
HEC	Hector, Ludlow	41.77	349	eP	P	19 02 30.9	+1.2
LDFC	Landfair	41.79	350	eP	P	19 02 30.4	+0.5
348A	Jackson	41.82	25	eP	P	19 02 31.3	+1.3
Y39A	Lockesburg	41.92	17	eP	P	19 02 31.9	+1.1
X36A	Centrahoma	41.93	14	eP	P	19 02 31.7	+0.8
Z42A	Notrel Spur, H	41.96	19	eP	P	19 02 33.1	+2.0
WLAR	White Oak Lake	41.97	18	eP	P	19 02 32.4	+1.2
BRAL	Brewton	41.98	26	eP	P	19 02 32.1	+0.8
BRAL	Brewton	41.98	26	eP	P	19 02 30.8	-1.4
247A	Quitman	42.09	24	eP	P	19 02 33.8	+0.9
EDW2	Edwards Air Fo	42.17	347	eP	P	19 02 34.1	+1.1
X37A	Clayton	42.19	15	eP	P	19 02 33.5	+0.5
X37A	Clayton	42.19	15	eP	P	19 02 33.8	+0.5
Y40A	Okolona	42.22	17	eP	P	19 02 34.5	+0.6
TUO	Turquoise Moun	42.28	350	eP	P	19 02 34.1	-0.4
W35A	Tecumseh	42.37	13	eP	P	19 02 34.9	+0.4
X38A	Whitesboro	42.40	15	eP	P	19 02 32.4	-2.4
146A	Union	42.42	23	eP	P	19 02 35.9	+1.0
X39A	Fountain Ranch	42.45	16	eP	P	19 02 37.7	+2.6
248A	Dixon Mills	42.48	25	eP	P	19 02 36.4	+1.0
W36A	Wetumka	42.51	13	eP	P	19 02 36.1	+0.5
W36A	Wetumka	42.51	13	eP	P	19 02 36.5	+0.9
MIAR	Mount Ida	42.63	17	eP	P	19 02 35.6	-1.0
MIAR	Mount Ida	42.63	17	eP	P	19 02 35.1	-1.5
MIAR	Mount Ida	42.63	17	eP	P	19 02 35.1	-1.5
LRMC	Laurel Mtn Rd	42.67	347	eP	P	19 02 38.2	+1.1
W37B	Quinton	42.70	14	eP	P	19 02 37.0	-0.1
U15A	North Rim	42.74	354				

U42A	Reverend	45.01	18	P	P	19 02 55.2	-0.5
Q24A	Divide	45.06	2	P	P	19 02 54.9	-1.6
R11A	Troy Canyon, C	45.07 351	P	P	19 02 55.9	-0.9	
R11A	Troy Canyon, C	45.07 351	eP	P	19 02 56.9	+0.5	
S36A	Lake Cedric, C	45.12	13	P	P	19 02 54.1	-2.5
X49A	Woodville	45.16	25	P	P	19 02 55.2	-1.8
V45A	Humboldt	45.22	21	P	P	19 02 56.0	-1.4
SMCO	Snowmass	45.23	0	eP	P	19 02 58.0	+0.1
SRU	San Rafael Swe	45.26 356	eP	pmax	P	19 02 57.9	0.0
SRU	San Rafael Swe	45.26 356	eP	P	P	19 02 57.9	0.0
KSCO	Kaye Shedlock	45.27	5	P	P	19 02 56.6	-1.4
R34A	Isabella, Hill	45.33	11	P	P	19 02 57.0	-1.3
S37A	Fort Scott	45.34	14	P	P	19 02 56.1	-2.2
T40A	Mansfield	45.37	17	P	P	19 02 58.1	-0.4
X50A	Fort Payne	45.40	25	P	P	19 02 58.6	-0.3
CBKS	Cedar Bluff	45.42	8	eP	P	19 02 58.6	-0.4
CBKS	Cedar Bluff	45.42	8	eP	pmax	19 02 58.8	-0.1
CBKS	comp=Z,64nm,1.3s			MLR	MLR		
CBKS	Cedar Bluff	45.42	8	eP	P	19 02 58.8	-0.1
CBKS	comp=Z,2,2um,20.0s			LR	LR		
S38A	Stockton	45.44	15	P	P	19 02 57.5	-1.6
T41A	Mountain View	45.49	18	P	P	19 02 58.5	-1.0
TMUT	Trail Mountain	45.49 356	eP	P	P	19 03 00.5	+0.6
GOGA	Godfrey	45.50	28	eP	pmax	19 02 57.5	-2.1
GOGA	comp=Z,15nm,1.0s			MLR	MLR		
GOGA	comp=Z,7,1um,20.0s			LR	LR		
GOGA	comp=Z,15nm,1.0s	45.50	28	eP	P	19 02 57.5	-2.1
R35A	Emporia Municipi	45.57	12	P	P	19 02 59.2	-1.0
NV11	Mina Array Sit	45.62 348	eP	P	P	19 03 01.7	+1.0
P17A	Butcher Ranch,	45.64 356	eP	P	P	19 02 58.0	-2.9
NV01	Mina Array Sit	45.65 348	eP	P	P	19 03 02.2	+1.2
NVAR	Mina Array Bea	45.65 348	P	P	19 03 00.8	-0.2	
NVAR	comp=Z,5.3nm,0.9s,baz=174,slow=10,SNR=23			LR	LR		
S39A	Bolivar	45.65	16	P	P	19 02 59.5	-1.3
PBMO	Poplar Bluff	45.66	19	eP	P	19 03 01.1	+0.3
T42A	Van Buren	45.68	18	P	P	19 03 00.0	-1.0
R36A	Gordon, Harris	45.72	13	P	P	19 03 01.9	+0.5
CMB	Columbia Colle	45.74 346	eP	pmax	P	19 03 01.6	0.0
CMB	Columbia Colle	45.74 346	eP	P	P	19 03 01.6	0.0
P18A	Preston Nutter	45.76 357	eP	P	P	19 03 01.7	-0.3
S40A	Lebanon	45.79	16	P	P	19 03 00.8	-1.1
ISCO	Idaho Spngs	45.88	2	P	P	19 03 02.3	-0.6
ISCO	Idaho Springs	45.88	2	eP	pmax	19 03 03.0	0.0
ISCO	comp=Z,12nm,1.1s			pmax	pmax		
SWET	Sewanee	45.93	25	eP	P	19 03 02.0	-1.1
WAKR	Walker	45.96 347	eP	P	P	19 03 03.5	0.0
R38A	Fenwick Farm,	45.97	15	P	P	19 03 02.3	-1.0
WVT	Waverly	45.98	22	P	P	19 03 02.3	-1.1
WVT	Waverly	45.98	22	eP	pmax	19 03 03.0	-0.4
WVT	comp=Z,19nm,1.4s			P	P	19 03 03.0	-0.4
T43A	Greenville	45.98	19	P	P	19 03 02.7	-0.7
Q34A	Chapman	45.99	11	P	P	19 03 04.0	+0.6
S41A	Jilco Farms,	46.00	17	P	P	19 03 03.1	-0.5
V48A	Smith Brothers	46.03	23	P	P	19 03 03.0	-0.8
U46A	Springville	46.06	22	P	P	19 03 04.2	+0.1
Q35A	Mercer Eighty,	46.12	12	P	P	19 03 05.0	+0.5
O20A	White River Ci	46.20 359	P	P	19 03 05.3	0.0	
O20A	White River Ci	46.20 359	eP	P	P	19 03 06.0	+0.7
KVN	Kaiserville	46.20 348	eP	pmax	P	19 03 06.2	+0.8
KVN	Kaiserville	46.20 348	eP	P	P	19 03 06.2	+0.8
T44A	Bento	46.22	20	P	P	19 03 04.8	-0.4
NLU	North Lily Min	46.22 355	eP	P	P	19 03 06.5	+1.0
KSU1	Kansas State U	46.23	12	P	P	19 03 05.9	+0.6
KSU1	Kansas State U	46.23	12	eP	P	19 03 05.7	+0.3
KSU1	comp=Z,25nm,1.0s			LR	LR		
MPU	Maple Canyon	46.24 355	eP	P	P	19 03 05.3	-0.3
R39A	Chumby, Stover	46.31	16	P	P	19 03 05.3	-0.7
Q36A	Arnold C. Orve	46.34	13	P	P	19 03 05.5	-0.7
YERR	Yerington	46.38 347	eP	P	P	19 03 06.9	+0.2
S42A	Caledonia	46.45	18	P	P	19 03 06.4	-0.7
U47A	Clarksville	46.46	22	P	P	19 03 06.1	-1.1
R40A	Maddies Statio	46.50	16	P	P	19 03 07.0	-0.4
DUG	Dugway, Tooele	46.53 354	P	P	19 03 08.3	+0.5	
DUG	Dugway, Tooele	46.53 354	eP	pmax	pmax	19 03 08.9	+1.1
DUG	comp=Z,17nm,1.2s			P	P	19 03 08.9	+1.1
PNTR	Pine Nut	46.56 347	eP	P	P	19 03 07.5	-0.7
CCM	Cathedral Cave	46.58	18	P	P	19 03 07.7	-0.4
CCM	Cathedral Cave	46.58	18	eP	pmax	19 03 06.4	-1.7
CCM	comp=Z,20nm,1.0s			pmax	pmax		
CCM	Cathedral Cave	46.58	18	eP	P	19 03 06.3	-1.7

P34A	Walnut Farm, R	46.62	11	P	P	19 03 08.4	0.0
CPCT	Cooper Cave	46.73	26	eP	P	19 03 09.2	-0.1
P35A	Duane Minner,	46.76	12	eP	P	19 03 09.2	-0.4
R41A	Rosebud	46.76	17	P	P	19 03 08.5	-1.0
T46A	Princeton	46.77	21	P	P	19 03 07.9	-1.7
Q38A	Cooks Store, C	46.77	15	P	P	19 03 09.5	-0.1
JLU	Jordanelle	46.81 356	eP	P	P	19 03 12.4	+2.3
U48A	Cassie Pea, Po	46.81	23	P	P	19 03 09.4	-0.5
S44A	Carbondale	46.88	20	P	P	19 03 09.4	-1.0
NHSC	New Hope	46.89	32	eP	P	19 03 09.3	-1.3
NHSC	comp=Z,2,2um,21.0s			LR	LR		
SIUC	Southern Illin	46.91	20	eP	P	19 03 10.4	-0.3
CTU	Camp Tracy	46.92 355	eP	P	P	19 03 08.6	-2.4
R42A	Luebbering	46.92	18	P	P	19 03 09.8	-1.0
N23A	Red Feather La	46.96	1	eP	P	19 03 11.9	+0.6
O33A	Helton	46.99	10	P	P	19 03 10.1	-1.3
T47A	Sharon Grove	47.01	22	P	P	19 03 09.5	-2.0
Q39A	Whitgrove F	47.02	15	P	P	19 03 10.2	-1.3
P36A	Good Intent, A	47.03	13	P	P	19 03 10.9	-0.6
BG3	Lake Jocassee	47.05	28	eP	P	19 03 10.7	-1.2
S45A	Carrier Mills	47.09	20	P	P	19 03 11.1	-1.0
PAHR	Pah Rah Range	47.10 347	eP	P	P	19 03 13.7	+1.3
GDXM	Geyers	47.11 343	eP	P	P	19 03 11.9	-0.4
R43A	Red Bud	47.19	19	P	P	19 03 13.3	+0.5
P37A	Lathrop	47.19	14	P	P	19 03 13.1	+0.3
Q40A	Laux Farm, Aux	47.21	16	P	P	19 03 13.6	+0.5
TKL	Tuckaleechee C	47.23	26	eP	pmax	19 03 11.1	-2.1
TKL	Tuckaleechee C	47.23	26	eP	P	19 03 11.1	-2.1
OGNE	Ogallala	47.25	5	P	P	19 03 13.9	+0.5
OGNE	Ogallala	47.25	5	eP	P	19 03 13.0	-0.4
O34A	Beatrice	47.26	11	P	P	19 03 14.6	+1.2
JSC	Jenkinsville	47.27	30	eP	pmax	19 03 12.3	-1.3
JSC	Jenkinsville	47.27	30	eP	P	19 03 12.2	-1.3
BGU	Big Grassy Moun	47.27 354	eP	P	P	19 03 13.2	-0.4
SJG	San Juan	47.30	58	eP	pmax	19 03 12.4	-1.6
SJG	comp=Z,86nm,1.6s			MLR	MLR		
SJG	San Juan	47.30	58	eP	P	19 03 12.4	-1.6
TCUT	Toone Canyon	47.32 356	eP	P	P	19 03 14.9	+0.7
BMN	Battle Mountai	47.37 350	eP	pmax	pmax	19 03 12.9	-1.6
BMN	Battle Mountai	47.37 350	eP	P	P	19 03 12.9	-1.6
PHWY	Pilot Hill	47.38	2	eP	P	19 03 14.2	-0.5
T48A	Bowling Green	47.39	23	P	P	19 03 14.6	+0.1
S46A	Don Dixon Farm	47.41	21	P	P	19 03 14.1	-0.4
Q41A	Truxton	47.41	17	P	P	19 03 13.9	-0.7
P38A	Dawn	47.42	14	P	P	19 03 13.7	-1.0
R44A	Waltonville	47.44	20	P	P	19 03 13.8	-1.0
ORV	Oroville	47.46 345	eP	pmax	pmax	19 03 15.8	+0.8
ORV	Oroville	47.46 345	eP	P	P	19 03 15.8	+0.8
BEKR	Beckworth	47.48 346	eP	P	P	19 03 15.1	-0.2
PLCA	Paso Flores	47.48 142	LR	LR	19 18 29.8		
PLCA	Paso Flores	47.48 142	eP	pmax	pmax	19 03 13.1	-2.2
PLCA	Paso Flores	47.48 142	eP	P	P	19 03 13.1	-2.2
P39B	Salsbury	47.49	15	P	P	19 03 13.6	-1.6
O35A	Humboldt	47.50	12	P	P	19 03 14.0	-1.2
PTGA	Pitting	47.55 85	eP	P	P	19 03 15.0	-1.2
PTGA	comp=Z,49nm,1.3s			LR	LR		
HUMP	Col San Antoni	47.56 59	eP	P	P	19 03 15.3	-0.8
Q42A	Golden Eagle	47.58	18	P	P	19 03 15.8	-0.1
SPUT	South Promonto	47.59 355	eP	P	P	19 03 16.2	0.0
P40A	Paris	47.72	16	P	P	19 03 16.6	-0.4
RWWY	Rawlins	47.74	0	eP	P	19 03 16.8	+0.6
R45A	Fairfi	47.75	20	P	P	19 03 17.7	+0.5
Q43A	New Douglas	47.87	19	P	P	19 03 18.6	+0.5
O38A	Galt	47.91	14	P	P	19 03 18.7	+0.3
KMSC	Kings Mountain	47.93	29	P	P	19 03 18.3	-0.4
KMSC	Kings Mountain	47.93	29	eP	P	19 03 18.0	-0.7
N34A	Lincoln	47.93	11	P	P	19 03 18.9	+0.3
R46A	Gibson Southern	47.95	21	P	P	19 03 19.2	+0.5
S48A	Wiedeman Farm,	48.00	23	P	P	19 03 19.6	+0.4
Q44A	Miley Farm, Va	48.05	19	P	P	19 03 20.1	+0.5
HVU	Hansel Valley	48.09 355	eP	pmax	pmax	19 03 18.3	-1.7
HVU	Hansel Valley	48.09 355	eP	P	P	19 03 18.3	-1.7
N35A	Tabor	48.12	12	P	P	19 03 21.0	+0.9
P41A	Barry, Barry	48.13	17	P	P	19 03 18.0	-2.2
KCPM	Cahto Peak	48.15 343	eP	P	P	19 03 20.3	-0.2
BGNE	Belgrade	48.20	9	eP	P	19 03 19.0	-1.7
N36A	Muff Farm, Cla	48.22	13	P	P	19 03 21.4	+0.6
P42A	Winchester	48.26	18	P	P	19 03 20.2	-1.0

O39A	Kirkville	48.27	15	P	P	19 03 19.9	-1.3
CDVI	St. Croix	48.32	60	eP	P	19 03 20.1	-1.9
O40A	La Belle	48.32	16	P	P	19 03 21.5	-0.1
Q45A	Warren Harvey,	48.33	20	P	P	19 03 21.3	-0.4
N37A	Lee Faris, Mou	48.34	13	P	P	19 03 21.7	0.0
R47A	Wooly Knot Far	48.38	22	P	P	19 03 21.3	-0.8
WCI	Wyandotte Cave	48.41	22	P	P	19 03 22.5	+0.1
WCI	Wyandotte Cave	48.41	22	eP	pmax	19 03 20.6	-1.7
WCI	comp=Z,15nm,1.2s			P	P	19 03 20.6	-1.7
STVI	Saint Thomas	48.42	59	eP	P	19 03 22.0	-0.7
M34A	Aspy Farms, Fr	48.56	11	P	P	19 03 24.3	+0.9
P43A	Skaggs, Pawnee	48.56	18	P	P	19 03 23.4	-0.1
O41A	Passleys Farm,	48.59	17	P	P	19 03 23.6	-0.1
N38A	Joos South For	48.60	14	P	P	19 03 24.0	+0.2
KMRM	Mail Ridge						

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J32A	Parkston	50.16	9	P	P	19 03 34.8	-0.9
O47A	Sheridan	50.22	21	P	P	19 03 34.8	-1.4
J33A	Davis	50.25	10	P	P	19 03 35.1	-1.2
RSSD	Black Hills	50.26	3	P	P	19 03 35.5	-1.2
RSSD	Black Hills	50.26	3	eP	P	19 03 36.2	-0.5
RSSD	Black Hills	50.26	3	eP	P	19 03 36.2	-0.5
FD	Fort de France	50.30	65	PFAKE	LR	19 03 50.0	+13
N45A	Kentland	50.30	20	P	P	19 03 36.7	-0.1
M43A	Waltham Townsh	50.38	18	P	P	19 03 36.6	-0.7
K37A	Belmond	50.38	13	P	P	19 03 36.4	-0.9
J08A	Circle Bar Ran	50.44	349	eP	P	19 03 38.2	+0.3
K38A	Parkersburg	50.47	14	P	P	19 03 38.2	+0.3
L41A	Preston	50.52	16	P	P	19 03 39.2	+0.8
N46A	Monticello	50.61	20	P	P	19 03 39.3	+0.2
M44A	Midewin, Midew	50.62	19	P	P	19 03 39.6	+0.5
J35A	Milford	50.62	11	P	P	19 03 40.9	+1.8
LKVV	Lake	50.69	357	PFAKE	LR	19 03 50.0	+10
ECSD	EROS Data Cent	50.72	10	P	P	19 03 40.5	+0.6
ECSD	EROS Data Cent	50.72	10	PFAKE	LR	19 03 50.0	+10
K39A	Delwein	50.74	15	P	P	19 03 40.6	+0.6
J36A	Seneca 1, Swea	50.76	12	P	P	19 03 40.8	+0.6
YMR	Madison River	50.83	357	eP	P	19 03 40.9	0.0
I32A	Karley and Nic	50.86	9	P	P	19 03 40.6	-0.3
M45A	Boilermakers S	50.88	19	P	P	19 03 41.3	+0.2
J37A	Redenius Farm,	50.91	13	P	P	19 03 41.6	+0.3
YHB	Horse Butte	50.92	356	eP	P	19 03 41.9	+0.3
K40A	Colesburg	50.92	15	P	P	19 03 42.0	+0.6
J05D	Fort Rock, OR	50.93	347	P	P	19 03 42.8	+1.1
YHH	Holmes Hill	50.94	357	eP	P	19 03 41.9	0.0
I33A	Coleman	50.99	10	P	P	19 03 41.6	-0.3
QLMT	Earthquake Lak	51.02	356	eP	P	19 03 42.6	+0.3
SUSD	Miller	51.05	8	P	P	19 03 43.0	+0.6
K41A	Shullsburg	51.06	16	P	P	19 03 42.1	-0.4
J04D	Umpqua Nationa	51.09	346	P	P	19 03 43.7	+0.8
L43A	Garden Prairie	51.12	18	P	P	19 03 42.9	-0.1
I35A	Creekview Farm	51.14	11	P	P	19 03 43.3	+0.3
I34A	Hadley	51.15	11	P	P	19 03 43.7	+0.6
H31A	Wolsey	51.15	8	P	P	19 03 42.2	-0.9
J38A	Wedel Dairy, R	51.17	14	P	P	19 03 42.0	-1.3
M46A	Old House Fiel	51.20	20	P	P	19 03 42.8	-0.7
RLMT	Red Lodge	51.20	358	P	P	19 03 43.2	-0.6
RLMT	Red Lodge	51.20	358	eP	P	19 03 43.2	-0.6
RLMT	Gun Hill	51.21	68	PFAKE	LR	19 04 00.0	+16
BBGH	Carlson Farm,	51.33	9	P	P	19 03 44.5	0.0
JFWS	Jewell Farm	51.36	16	P	P	19 03 44.7	-0.1
JFWS	Jewell Farm	51.36	16	eP	P	19 03 44.4	-0.3
JFWS	Jewell Farm	51.36	16	eP	P	19 03 44.4	-0.3
J39A	Decorah	51.37	15	P	P	19 03 44.2	-0.7
L44A	Lake County Fo	51.38	18	P	P	19 03 45.6	+0.8
I36A	Fitzsimmons Fa	51.49	12	P	P	19 03 46.2	+0.6
K42A	Prairie Point,	51.49	17	P	P	19 03 46.8	+1.1
CPUP	Villa Florida	51.56	119	P	P	19 03 47.5	+0.8
CPUP	Villa Florida	51.56	119	eP	P	19 03 47.4	+0.8
CPUP	Villa Florida	51.56	119	eP	P	19 03 47.4	+0.8
CPUP	Villa Florida	51.56	119	eP	P	19 03 47.4	+0.8
H33A	Prehn Over Nor	51.62	10	P	P	19 03 47.8	+1.2
I37A	Lemond, Waseca	51.62	13	P	P	19 03 48.1	+1.5
J40A	Soldiers Grove	51.68	15	P	P	19 03 46.7	-0.4
BMO	Blue Mountains	51.69	351	PFAKE	LR	19 04 00.0	+13
K43A	Burlington	51.72	18	P	P	19 03 47.6	+0.2
H34A	Spellman Lake,	51.77	10	P	P	19 03 48.3	+0.6
IP06	Yanceyville	51.78	30	eP	P	19 03 47.7	-0.2
BOZ	Bozeman (W)	51.79	356	PFAKE	LR	19 04 00.0	+12
TRQA	Tornquist	51.80	134	PFAKE	LR	19 04 00.0	+12
I38A	Scanlan Farm,	51.89	14	P	P	19 03 48.6	0.0
I39A	Houston	51.91	14	P	P	19 03 49.6	+0.8
H35A	Sunnyside Ranc	51.98	11	P	P	19 03 48.7	-0.6
H36A	Jessenland, He	52.04	12	P	P	19 03 48.6	-1.2
G32A	Webster	52.05	9	P	P	19 03 50.2	+0.3
I40A	Norwalk	52.17	15	P	P	19 03 51.0	+0.2
H37A	Dierke Farm, C	52.27	13	P	P	19 03 51.7	+0.3
CBN	Corbin Frederi	52.29	30	PFAKE	LR	19 04 00.0	+8.3
J43A	Natural Harves	52.31	17	P	P	19 03 52.9	+1.1
G08A	Pilot Rock	52.39	350	eP	P	19 03 52.5	-0.1
H38A	Malden Rock	52.50	13	P	P	19 03 51.0	-2.1
I41A	Arkdale	52.53	16	P	P	19 03 51.2	-2.2
F31A	Hecla	52.54	8	P	P	19 03 52.5	-0.9
G35A	Watkins	52.55	11	P	P	19 03 52.6	-0.9

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I42A	Draeger Farm,	52.64	17	P	P	19 03 53.8	-0.4
G36A	St. Michael	52.71	12	P	P	19 03 55.3	+0.6
I43A	Lanfield Bro	52.85	17	P	P	19 03 56.0	+0.2
SPMN	Marine on St.	52.90	13	P	P	19 03 55.8	-0.3
F34A	Alexandria	52.95	11	P	P	19 03 56.5	0.0
G38A	Ridgeland	53.06	14	P	P	19 03 56.1	-1.2
F35A	Swanville	53.14	11	P	P	19 03 56.4	-1.5
N54A	Moraine State	53.28	26	P	P	19 03 58.2	-0.9
N54A	Moraine State	53.28	26	eP	P	19 03 59.3	+0.3
H42A	Shiocton	53.31	17	P	P	19 03 59.4	+0.2
G39A	Holcombe	53.34	14	P	P	19 03 58.4	-0.9
O56A	Blue Knob Stat	53.35	27	P	P	19 03 59.6	-0.1
F36A	Milaca	53.35	12	P	P	19 03 58.8	-0.6
F37A	Hinrichs Farm,	53.41	13	P	P	19 04 00.2	+0.3
SDMD	Soldier's Deli	53.49	29	eP	P	19 04 00.1	-0.4
H43A	Windswept, Lux	53.50	17	P	P	19 04 00.8	+0.2
E33A	Westby DABS, E	53.51	10	P	P	19 04 00.3	-0.3
G40A	Rib Lake	53.56	15	P	P	19 04 00.4	-0.7
E35A	Pequot Lakes	53.85	11	P	P	19 04 02.5	-0.6
SSPA	Standing Stone	53.96	28	eP	P	19 04 04.1	+0.1
F39A	Lotta	53.99	14	P	P	19 04 02.3	-1.9
G42A	Mountain	54.02	16	P	P	19 04 03.6	-0.7
E36A	McGregor	54.04	12	P	P	19 04 05.0	+0.6
POHA	Pohakuloa	54.04	300	PFAKE	LR	19 04 20.0	+15
D08A	Wolman Farm,	54.10	350	eP	P	19 04 05.3	+0.4
EGMT	Eagleton	54.12	358	P	P	19 04 03.8	-1.3
PAGS	Pennsylvania G	54.18	29	eP	P	19 04 05.0	-0.6
F40A	Park Falls	54.19	15	P	P	19 04 06.1	+0.5
MDND	Madlock	54.33	6	P	P	19 04 07.2	+0.6
D35A	Remer	54.42	11	P	P	19 04 08.4	+1.2
C31A	Landman Farms,	54.50	8	P	P	19 04 07.8	0.0
E39A	Mellet	54.51	14	P	P	19 04 06.7	-1.3
F42A	Maple Grove Fa	54.57	16	P	P	19 04 06.8	-1.6
DGMT	Degmar	54.59	3	P	P	19 04 09.1	+0.6
D36A	Goodland	54.68	12	P	P	19 04 10.0	+0.9
C09A	Chrisman Ranch	54.72	351	eP	P	19 04 09.1	-0.3
E40A	Wakefield	54.74	15	P	P	19 04 11.0	+1.4
C33A	Trail	54.77	10	P	P	19 04 10.0	+0.3
GLMI	Graying	54.81	20	PFAKE	LR	19 04 20.0	+10
D37A	Cotton	54.82	12	P	P	19 04 08.9	-1.2
E41A	Kenton	55.00	15	P	P	19 04 12.3	+0.8
NEW	Newport	55.00	352	P	P	19 04 11.9	+0.5
NEW	Newport	55.00	352	eP	P	19 04 10.3	-1.2
NEW	Newport	55.00	352	eP	P	19 04 10.3	-1.2
NEW	Newport	55.00	352	eP	P	19 04 10.3	-1.2
C35A	Jirik Farms, M	55.03	11	P	P	19 04 11.3	-0.3
N59A	State Game Lan	55.17	29	eP	P	19 04 14.2	+1.3
AGMN	Agassiz Nation	55.27	9	P	P	19 04 13.4	0.0
AGMN	Agassiz Nation	55.27	9	eP	P	19 04 12.8	-0.6
B33A	Robert and Kas	55.29	10	P	P	19 04 13.3	-0.3
C36A	Pine Crest Far	55.31	12	P	P	19 04 12.4	-1.2
C37A	Embarrass	55.41	12	P	P	19 04 15.6	+1.2
MMNY	Mt. Morris Dam	55.63	26	eP	P	19 04 15.8	-0.2
B34A	Aery, Baudette	55.66	10	P	P	19 04 16.8	+0.6
B35A	Bob Littlefor	55.71	11	P	P	19 04 16.8	+0.3
EYMN	Ely	55.77	13	P	P	19 04 17.2	+0.3
EYMN	Ely	55.77	13	PFAKE	LR	19 04 30.0	+13
ODNJ	Ogdensburg	55.87	30	eP	P	19 04 17.4	-0.4
BBSR	BB Station	55.87	44	PFAKE	LR	19 04 30.0	+12
A33A	Warroad	55.97	9	P	P	19 04 17.5	-0.9
BINY	Binghamton	56.07	28	PFAKE	LR	19 04 30.0	+11
SADO	Sadowna	56.78	24	eP	P	19 04 23.4	-0.8
ULM	Lac du Bonnet	57.17	9	P	P	19 04 25.1	-1.9
ULM	Lac du Bonnet	57.17	9	eP	P	19 04 26.3	-0.6
ULM	Lac du Bonnet	57.17	9	eP	P	19 04 26.3	-0.6
ULM	Lac du Bonnet	57.17	9	eP	P	19 04 26.3	-0.6
USHA	Ushuaia	57.56	155	P	P	19 04 27.0	-2.6
FRNY	Flat Rock	59.21	27	eP	P	19 04 40.5	-0.8
TRQ	Mont Tremblant	59.86	26	eP	P	19 04 44.0	-1.9
EFI	East Falkland	60.71	147	PFAKE	LR	19 05 00.0	+8.4
FFC	Flin Flon	60.95	4	eP	P	19 04 52.1	-0.9
FFC	Flin Flon	60.95	4	eP	P	19 04 52.1	-0.9
FFC	Flin Flon	60.95	4	eP	P	19 04 52.1	-0.9
PMSA	Palmer Station						

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

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

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

MAN 06 19:41:16, 14:22N-120:38E, h128km, mb4.1, ML2.9, MS2.6, 1D, Luzon

MAN 06 19:41:16, 14:22N-120:38E, h128km, mb4.1, ML2.9, MS2.6, 1D, Luzon

MAN 06 19:41:16, 14:22N-120:38E, h128km, mb4.1, ML2.9, MS2.6, 1D, Luzon

ICD 06 19:37:8.1, 4.8, 0.6S; 125.18E, h0km, mb3.8/3, mb1 4.0/6, mb1mx3.7/2.7, mbtmp3.8/6, ML3.8/3, Error ellipse: s-maj=35.3km s-min=22.7km az=65.0, h27km

ICD 06 19:37:8.1, 4.8, 0.6S; 125.18E, h0km, mb3.8/3, mb1 4.0/6, mb1mx3.7/2.7, mbtmp3.8/6, ML3.8/3, Error ellipse: s-maj=35.3km s-min=22.7km az=65.0, h27km

ICD 06 19:37:8.1, 4.8, 0.6S; 125.18E, h0km, mb3.8/3, mb1 4.0/6, mb1mx3.7/2.7, mbtmp3.8/6, ML3.8/3, Error ellipse: s-maj=35.3km s-min=22.7km az=65.0, h27km

ISCJB 06 19:40:0.0, 5.8, 2.3S; 0.06E, h0.06, h27km, az=41.5, Error ellipse: s-maj=10.7km s-min=4.8km mb2.4/4

ISCJB 06 19:40:0.0, 5.8, 2.3S; 0.06E, h0.06, h27km, az=41.5, Error ellipse: s-maj=10.7km s-min=4.8km mb2.4/4

ISCJB 06 19:40:0.0, 5.8, 2.3S; 0.06E, h0.06, h27km, az=41.5, Error ellipse: s-maj=10.7km s-min=4.8km mb2.4/4

DJA 06 19:19:43.3, 1.5, 8.8S; 6.12E, h10km, M4.1/7, MLV4.1/7

DJA 06 19:19:43.3, 1.5, 8.8S; 6.12E, h10km, M4.1/7, MLV4.1/7

DJA 06 19:19:43.3, 1.5, 8.8S; 6.12E, h10km, M4.1/7, MLV4.1/7

NEIC 06 19:19:44.8, 1.1, 8.38S; 124.86E, h61km, 15km, mb4.3/3, Error ellipse: s-maj=14.9km s-min=8.4km az=211.0

NEIC 06 19:19:44.8, 1.1, 8.38S; 124.86E, h61km, 15km, mb4.3/3, Error ellipse: s-maj=14.9km s-min=8.4km az=211.0

NEIC 06 19:19:44.8, 1.1, 8.38S; 124.86E, h61km, 15km, mb4.3/3, Error ellipse: s-maj=14.9km s-min=8.4km az=211.0

ISC 06 19:19:41.1, 0.7, 8.24S; 0.06E, 125.14E, h0.05, h27km, n31, s=666/34, mb4.0/5, Timor region

ISC 06 19:19:41.1, 0.7, 8.24S; 0.06E, 125.14E, h0.05, h27km, n31, s=666/34, mb4.0/5, Timor region

ISC 06 19:19:41.1, 0.7, 8.24S; 0.06E, 125.14E, h0.05, h27km, n31, s=666/34, mb4.0/5, Timor region

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

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

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

JMA 06 19:19:45.6, 0.1, 38.23N-141.84E, h62km, 1km, M3.5, Near east coast of eastern Honshu

JMA 06 19:19:45.6, 0.1, 38.23N-141.84E, h62km, 1km, M3.5, Near east coast of eastern Honshu

JMA 06 19:19:45.6, 0.1, 38.23N-141.84E, h62km, 1km, M3.5, Near east coast of eastern Honshu

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

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

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

MAN 06 19:38:54, 11.37N, 126.17E, h2km, mb4.5, ML3.3, MS3.2, ICD 06 19:38:54, 11.4, 10.92N-125.57E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/3.3, mbtmp3.3/3, MS3.8/1, Ms1 3.8/1, ms1mx3.0/2.1, Error ellipse: s-maj=347.7km s-min=29.5km az=65.0

MAN 06 19:38:54, 11.37N, 126.17E, h2km, mb4.5, ML3.3, MS3.2, ICD 06 19:38:54, 11.4, 10.92N-125.57E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/3.3, mbtmp3.3/3, MS3.8/1, Ms1 3.8/1, ms1mx3.0/2.1, Error ellipse: s-maj=347.7km s-min=29.5km az=65.0

MAN 06 19:38:54, 11.37N, 126.17E, h2km, mb4.5, ML3.3, MS3.2, ICD 06 19:38:54, 11.4, 10.92N-125.57E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/3.3, mbtmp3.3/3, MS3.8/1, Ms1 3.8/1, ms1mx3.0/2.1, Error ellipse: s-maj=347.7km s-min=29.5km az=65.0

ISCJB 06 19:38:56.9, 1.2, 11.24N, 0.07E, 126.15E, h0.09, h49km, mb3.3/3, MS3.7/1, Error ellipse: s-maj=13.2km s-min=8.7km az=160.2

ISCJB 06 19:38:56.9, 1.2, 11.24N, 0.07E, 126.15E, h0.09, h49km, mb3.3/3, MS3.7/1, Error ellipse: s-maj=13.2km s-min=8.7km az=160.2

ISCJB 06 19:38:56.9, 1.2, 11.24N, 0.07E, 126.15E, h0.09, h49km, mb3.3/3, MS3.7/1, Error ellipse: s-maj=13.2km s-min=8.7km az=160.2

ISC 06 19:38:58.7, 1.5, 11.25N, 0.07E, 126.1E, 0.1, h49km, n9, s=175/11, mb3.2/3, 1D, Philippine Islands region

ISC 06 19:38:58.7, 1.5, 11.25N, 0.07E, 126.1E, 0.1, h49km, n9, s=175/11, mb3.2/3, 1D, Philippine Islands region

ISC 06 19:38:58.7, 1.5, 11.25N, 0.07E, 126.1E, 0.1, h49km, n9, s=175/11, mb3.2/3, 1D, Philippine Islands region

NEIC 06 20:23:57.5, 0.0, 60.37N-152.43W, h96km, ML2.9(AEIC), After AEIC, Southern Alaska

NEIC 06 20:23:57.5, 0.0, 60.37N-152.43W, h96km, ML2.9(AEIC), After AEIC, Southern Alaska

NEIC 06 20:23:57.5, 0.0, 60.37N-152.43W, h96km, ML2.9(AEIC), After AEIC, Southern Alaska

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

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

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

6d 20h

Table with columns: ID, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Paradox Valley, Casper, Red Feather La, etc.

ISC 06:20:30:47.1.5.7.26'16N.142'67E, h71km, 105km, mb3.1/3, mb1.3/4.4, mb1mx3.0/5.3, mbtmp3.4/4, ML3.5/1, Error ellipse: s-maj=319.7km s-min=31.4km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Matsushiro Arr, Warramunga Arr, Alice Springs, etc.

ISC/JB 06:20:35:12.2.0.1.36'16N.0'01:29'05E.0'01, h64km, 2km, mb4.0/2.4, Error ellipse: s-maj=2.2km s-min=1.7km az=16.4

ISK 06:20:35:12.1.36'18N.29'02E, h54km, ML4.2
NSSC 06:20:35:12.1.0.9.36'38N.29'08E, h36km, 99km, ML3.7
MOS 06:20:35:12.4.0.9.36'25N.29'08E, h28km, mb4.1/5, Error ellipse: s-maj=7.2km s-min=4.2km az=87.9

ATH 06:20:35:13.0.36'26N.28'99E, h60km, 3km, ML4.1/1.1, Error ellipse: s-maj=3.5km s-min=0.8km az=115.0
IDC 06:20:35:13.5.1.5.36'19N.29'08E, h52km, 17km, mb3.4/1.2, mb1.3/7.19, mb1mx3.5/4.3, mbtmp3.7/19, ML3.9/10, Error ellipse: s-maj=16.7km s-min=12.3km az=6.0

NEIC 06:20:35:13.9.0.3.36'20N.29'06E, h56km, 3km, mb4.5/1.3, ML4.0(THE), ML4.1(ISA), Error ellipse: s-maj=4.0km s-min=2.9km az=174.0

CSEM 06:20:35:14.0.0.1.36'21N.29'03E, h60km, mb4.3/13, Error ellipse: s-maj=2.2km s-min=1.7km az=175.0
THE 06:20:35:15.0.0.28N.29'02E, h48km, 2km, ML4.0/9, Error ellipse: s-maj=2.2km s-min=0.5km az=51.0

DDA 06:20:35:15.0.36'39N.28'94E, h50km, M14.0
HLW 06:20:35:17.7.35'65N.29'08E, h10km, 17km, M4.3.9
NIC 06:20:35:17.0.0.2.36'29N.29'46E, h70km, mb4.4, ML4.1
GII 06:20:35:19.3.0.0.35'77N.29'39E, h30km

ISC 06:20:35:12.4.0.7.36'20N.0'03:29'03E.0'02, h44km, 7km, n458, z203'601, mb4.0/24.23-11D, Turkey

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Fethiye, Kastellorizon, Arkhangelos, etc.

2012 JAN

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KARP Karpathos, KARP Karpathos, etc.

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Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHOS, TVSB Tavsanli, TEKE Tekeli-Mersin, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BTCH, AGG, QASN, RSH, HLW, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VRI, DOPR, TIP, TRES, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MK01, ZAAO, ZAA1, ZALV, etc.

ISCJ 06:21:00:34.5:0.8, 14:15N:93:24E, h0km, mb3.7/14, mb1 2.9/16, mb1mx3.6/48, mb1mx3.7/16, ML3.2/2, MS2.7/1, Ms1 2.9/1, ms1mx2.5/50, Error ellipse: s-maj=23.9km s-min=16.3km az=47.0

6d 21h

2012 JAN

az=31.4
ISC 06 21:00:39.5-0.7, 14.23N, 0108.9308E, 0.06, h32km, n29,
s185/29, mb3.8/14, Andaman Islands region

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

ISCJBJ 06 21:04:42.5-0.6, 43.73N, 0104.105, 26W, 0.04, h0km, Error
ellipse: s-maj=6.6km s-min=4.2km az=165.3
IDC 06 21:04:42.4-2.3, 43.59N, 105.17W, h0km, mb1 3.4/3,
mb1mx3.2/38, mbtmp3.2/3, ML2.9/3, Error ellipse:
s-maj=52.1km s-min=8.8km az=152.0
NEIC 06 21:04:43.7-0.8, 43.76N, 105.15W, h0km, ML3.1, Error
ellipse: s-maj=15.9km s-min=6.3km az=147.0, Suspected
Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RSSD, BW06, etc.

DDA 06 21:18:02.1, 39.04N, 43.82E, h7km, ML2.5
ISC 06 21:18:03.1, 38.96N, 43.74E, h16km, ML2.5
ISCJBJ 06 21:18:04.4-0.7, 39.04N, 0105.43, 68E, 0.09, h15km, 7km,
Error ellipse: s-maj=13.1km s-min=6.2km az=32.6
CSEM 06 21:18:04.0-0.3, 39.01N, 43.71E, h10km, ML2.5, Error
ellipse: s-maj=14.3km s-min=6.0km az=120.0
ISC 06 21:18:04.7-1.2, 38.96N, 0104.43, 75E, 0.04, h5km, 15km,
n15, s1906/25, Turkey

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

ISCJBJ 06 21:11:5-0.7, 38.18N, 0105.42, 91E, 0.05, h10km, Error
ellipse: s-maj=8.1km s-min=5.2km az=151.7

CSEM 06 21:31:11.7-0.5, 38.22N, 42.79E, h2km, ML2.5, Error
ellipse: s-maj=13.8km s-min=11.2km az=133.0
ISK 06 21:31:14.1, 37.97N, 42.67E, h9km, ML2.5
DDA 06 21:31:16.7, 38.55N, 42.98E, h7km, ML2.5
ISC 06 21:31:16.6-0.8, 38.24N, 0103.42, 82E, 0.03, h10km, n16,
s20/24, Turkey

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

SOF 06 21:33:07.4, 41.84N, 22.72E, h15km
SKO 06 21:33:07.8, 41.82N, 22.71E, h15km, M2.4, ML2.9
ISCJBJ 06 21:33:07.3-0.5, 41.85N, 0102.68E, 0.03, h2km, 4km,
Error ellipse: s-maj=3.9km s-min=2.5km az=163.1
CSEM 06 21:33:07.9-0.1, 41.84N, 22.71E, h2km, ML2.5, Error
ellipse: s-maj=4.6km s-min=2.5km az=74.0
ATH 06 21:33:08.4, 41.79N, 22.70E, h22km, 2km, ML2.4/8, Error
ellipse: s-maj=3.4km s-min=1.0km az=149.0
BEO 06 21:33:08.6-0.4, 41.85N, 0102.71E, h4km, 2km, ML2.5/1
ISC 06 21:33:07.6-1.1, 41.85N, 0102.73E, 0.02, h9km, 9km,
n65, s087/98, 2C-9D, Northwestern Balkan Peninsula

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

ISCJBJ 06 21:04:42.5-0.6, 43.73N, 0104.105, 26W, 0.04, h0km, Error
ellipse: s-maj=6.6km s-min=4.2km az=165.3
IDC 06 21:04:42.4-2.3, 43.59N, 105.17W, h0km, mb1 3.4/3,
mb1mx3.2/38, mbtmp3.2/3, ML2.9/3, Error ellipse:
s-maj=52.1km s-min=8.8km az=152.0
NEIC 06 21:04:43.7-0.8, 43.76N, 105.15W, h0km, ML3.1, Error
ellipse: s-maj=15.9km s-min=6.3km az=147.0, Suspected
Mining explosion.

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

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

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

ISCJBJ 06 21:11:5-0.7, 38.18N, 0105.42, 91E, 0.05, h10km, Error
ellipse: s-maj=8.1km s-min=5.2km az=151.7

RDO comp=N, 206um, 0.4s
RDO Rodhopi 2.22 107 P Pb 21 33 46.6 -1.3
THL Klokotos Trika 2.34 194 P Pn 21 33 47.4 +1.2
K Klokotos Trika 2.34 194 P Pn 21 33 47.4 +1.2
GRUS Gruza 2.52 325 ePn Pb 21 33 51.8 +0.8

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

DDA 06 21:35:59.0, 39.56N, 28.92E, h7km, ML2.5
ISK 06 21:35:58.1, 39.54N, 28.88E, h8km, ML2.5
ISCJBJ 06 21:35:59.2-0.4, 39.56N, 0102.28, 91E, 0.03, h2km, 6km,
Error ellipse: s-maj=4.3km s-min=4.1km az=165.9
CSEM 06 21:35:59.6-0.1, 39.55N, 28.90E, h8km, ML2.5, Error
ellipse: s-maj=2.0km s-min=1.7km az=94.0
ISC 06 21:35:59.3-1.0, 39.54N, 0102.28, 89E, 0.02, h9km, 9km,
n38, s095/52, Turkey

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

ISCJBJ 06 21:04:42.5-0.6, 43.73N, 0104.105, 26W, 0.04, h0km, Error
ellipse: s-maj=6.6km s-min=4.2km az=165.3
IDC 06 21:04:42.4-2.3, 43.59N, 105.17W, h0km, mb1 3.4/3,
mb1mx3.2/38, mbtmp3.2/3, ML2.9/3, Error ellipse:
s-maj=52.1km s-min=8.8km az=152.0
NEIC 06 21:04:43.7-0.8, 43.76N, 105.15W, h0km, ML3.1, Error
ellipse: s-maj=15.9km s-min=6.3km az=147.0, Suspected
Mining explosion.

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

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

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

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

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

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, CHN1, etc.

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, CHN1, etc.

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, CHN1, etc.

ISC 06 21:40:36.8-1.2, 22.92N, 120.41E, h0km, mb3.3/5,
mb1 3.6/5, mb1mx3.3/43, mbtmp3.3/5, Error ellipse:
s-maj=4.1km s-min=2.4km az=59.0
JMA 06 21:40:37.1-0.2, 23.15N, 120.32E, h0km, M3.9
TAP 06 21:40:39.7, 23.13N, 120.49E, h14km, ML3.7, B
ISCJBJ 06 21:40:40.9-0.2, 23.12N, 0120.46E, 0.02, h18km, 2km,
mb3.4/4, Error ellipse: s-maj=3.0km s-min=2.1km
az=179.6
ISC 06 21:40:39.9-0.8, 23.14N, 0120.43E, 0.02, h18km, 2km,
n79, s084/117, mb3.6/4, 5C-2D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CHN3, CHN1, etc.

R34A	Isabella, Hill	41.03	96	pP	pP	23 45 46.1 +1.0
P36A	Good Intent, A	41.05	93	pP	pP	23 45 46.1 +0.9
H2A	Draeger Farm,	41.06	83	pP	pP	23 45 46.3 +1.0
JFWS	Jewell Farm	41.10	85	pP	pP	23 45 46.3 +0.7
E45A	Wooded Hills,	41.16	78	pP	pP	23 45 47.8 +1.7
O37A	Wolven Farm, M	41.17	91	pP	pP	23 45 47.3 +1.0
M39A	Webster	41.18	88	pP	pP	23 45 47.1 +0.7
Q35A	Mercer Eighty,	41.21	94	pP	pP	23 45 47.2 +0.5
H43A	Windswept, Lux	41.21	82	pP	pP	23 45 47.3 +0.8
L40A	Anamosa	41.23	87	pP	pP	23 45 47.2 +0.4
K41A	Shullsburg	41.29	86	pP	pP	23 45 48.2 +0.9
J42A	Columbus	41.37	84	pP	pP	23 45 48.8 +1.0
Q36A	Arnold C. Orve	41.42	94	pP	pP	23 45 49.4 +1.0
I43A	Langenfeld Bro	41.45	83	pP	pP	23 45 49.1 +0.6
N39A	Derby Farms, D	41.47	89	pP	pP	23 45 49.1 +0.3
P37A	Lathrop	41.50	92	pP	pP	23 45 49.5 +0.4
O38A	Galt	41.54	91	pP	pP	23 45 49.6 +0.3
S34A	Willow Spring	41.56	96	pP	pP	23 45 49.9 +0.3
L41A	Preston	41.59	86	pP	pP	23 45 49.7 0.0
U32A	Winter Ranch,	41.65	99	pP	pP	23 45 52.1 +1.8
K42A	Prairie Point,	41.65	85	pP	pP	23 45 50.8 +0.6
J43A	Natural Harves	41.67	83	pP	pP	23 45 50.6 +0.2
MSTX	Muleshoe	41.71	105	pP	pP	23 45 52.7 +1.7
R36A	Gordon, Harris	41.89	94	pP	pP	23 45 52.7 +0.4
P38A	Dawn	41.89	91	pP	pP	23 45 52.1 -0.1
O39A	Kirkville	41.91	90	pP	pP	23 45 52.8 +0.4
N40A	Mertquake, Sal	41.92	88	pP	pP	23 45 52.9 +0.4
S35A	Otter Creek Ra	41.97	96	pP	pP	23 45 53.4 +0.4
Q37A	Longview Farm,	41.99	93	pP	pP	23 45 53.5 +0.4
SPITS	Spitsbergen Ar	42.03	3	P	P	23 45 20.9 -0.7
T34A	McClasky Farm	42.05	97	pP	pP	23 45 53.8 +0.2
L42A	Oliver, Polo	42.06	86	pP	pP	23 45 53.9 +0.4
M41A	Milan	42.08	87	pP	pP	23 45 54.0 +0.2
K43A	Burlington	42.21	84	pP	pP	23 45 55.0 +0.1
S36A	Lake Cedric, C	42.30	95	pP	pP	23 45 55.9 +0.2
MNTX	Cornudas Mount	42.32	110	pP	pP	23 45 57.9 +2.0
MNTX	Cornudas Mount	42.32	110	epP	pP	23 45 58.5 +2.6
Q38A	Cooks Store, C	42.35	92	pP	pP	23 45 56.0 0.0
O40A	La Belle	42.35	89	pP	pP	23 45 56.0 0.0
P39B	Salisbury	42.38	91	pP	pP	23 45 56.9 +0.6
L43A	Garden Prairie	42.39	85	pP	pP	23 45 57.0 +0.7
N41A	Harden Midland	42.42	88	pP	pP	23 45 57.1 +0.5
KLR	Kul'dur	42.42	290	P	P	23 45 25.1 0.0
T35A	Sooner Cattle	42.47	97	pP	pP	23 45 56.9 -0.2
Q39A	Willow Grove F	42.61	91	pP	pP	23 45 58.2 0.0
S37A	Fort Scott	42.66	94	pP	pP	23 45 58.0 -0.6
T36A	Boggs Farm, Ca	42.67	96	pP	pP	23 45 58.7 0.0
P40A	Paris	42.71	90	pP	pP	23 45 59.5 +0.5
U35A	Pawnee	42.79	97	pP	pP	23 45 59.6 0.0
R38A	Ferwick Farm,	42.80	93	pP	pP	23 45 59.4 -0.3
L44A	Lake County Fo	42.81	84	pP	pP	23 46 00.1 +0.4
M43A	Waltham Townsh	42.83	86	pP	pP	23 45 59.6 -0.4
O41A	Passleys Farm,	42.85	89	pP	pP	23 46 00.3 +0.2
WMOK	Wichita Mounta	43.06	101	pP	pP	23 46 02.1 +0.3
WMOK	Wichita Mounta	43.06	101	epP	pP	23 46 03.8 +1.9
N43A	Stutzman Famil	43.09	86	pP	pP	23 46 02.3 +0.2
P41A	Barry, Barry	43.09	89	pP	pP	23 46 01.8 -0.3
Q40A	Laux Farm, Aux	43.10	91	pP	pP	23 46 01.5 -0.6
T37A	Cheneyville 18	43.11	95	pP	pP	23 46 02.5 +0.2
R39A	Chumby, Stover	43.13	92	pP	pP	23 46 02.2 -0.3
V35A	Meyer Ranch, C	43.21	98	pP	pP	23 46 02.7 -0.4
S38A	Stockton	43.22	94	pP	pP	23 46 02.9 -0.3
U36A	Oologah	43.27	96	pP	pP	23 46 03.7 +0.1
HDIL	Hopedale	43.32	87	pP	pP	23 46 04.3 +0.3
M44A	Midewin, Midew	43.33	85	pP	pP	23 46 03.8 -0.2
S39A	Bolivar	43.47	93	pP	pP	23 46 04.7 -0.5
T38A	Diamond	43.49	94	pP	pP	23 46 05.0 -0.4
O43A	Sugar Creek Fa	43.52	87	pP	pP	23 46 05.3 -0.2
P42A	Winchester	43.52	89	pP	pP	23 46 05.2 -0.4
R40A	Maddies Statio	43.54	91	pP	pP	23 46 05.3 -0.4
Q41A	Truxton	43.56	90	pP	pP	23 46 05.2 -0.6
U37A	Salina	43.57	96	pP	pP	23 46 05.7 -0.3
TUL1	Leonard	43.62	97	pP	pP	23 46 06.3 -0.1
V36A	Jenks	43.64	97	pP	pP	23 46 06.5 -0.1
W35A	Tecumseh	43.67	99	pP	pP	23 46 07.3 +0.4
W35A	Tecumseh	43.67	99	epP	pP	23 46 07.5 +0.6
N44A	Piper City	43.73	86	pP	pP	23 46 07.8 +0.6
M45A	Bollermakers S	43.73	84	pP	pP	23 46 07.9 +0.7
SCHO	Schefferville	43.76	57	P	P	23 45 36.3 +0.5
P43A	Skaggs, Pawnee	43.90	88	pP	pP	23 46 08.9 +0.3
U38A	Gravette	43.91	95	pP	pP	23 46 09.0 +0.2
Q42A	Golden Eagle	43.94	89	pP	pP	23 46 09.3 +0.3
S40A	Lebanon	43.96	92	pP	pP	23 46 08.9 -0.3
T39A	Clever	43.96	94	pP	pP	23 46 08.9 -0.2
V37A	Hulbert	43.97	96	pP	pP	23 46 09.0 -0.2

R41A	Rosebud	43.98	91	pP	pP	23 46 08.8 -0.6
N45A	Kentland	44.00	85	pP	pP	23 46 09.0 -0.4
W36A	Wetlika	44.01	98	pP	pP	23 46 09.5 -0.1
M46A	Old House Fiel	44.16	84	pP	pP	23 46 10.7 0.0
BOD	Doaibo	44.19	310	epP	pmax	23 45 37.8 -1.4
X35A	Drake	44.22	99	pP	pP	23 46 11.7 +0.4
CCM	Cathedral Cave	44.24	91	pP	pP	23 46 11.0 -0.4
HHAR	Hobbs	44.26	95	epP	pP	23 46 11.5 -0.1
R42A	Luebbering	44.29	90	pP	pP	23 46 11.8 -0.1
T40A	Mansfield	44.29	93	pP	pP	23 46 11.1 -0.8
ABTX	Abilene, Hawle	44.33	103	pP	pP	23 46 13.0 +0.8
Q43A	New Douglas	44.34	89	pP	pP	23 46 12.9 +0.7
O45A	Potomac	44.34	86	pP	pP	23 46 12.6 +0.4
S41A	Jillco Farms,	44.34	92	pP	pP	23 46 12.2 -0.1
V38A	Canehill	44.35	96	pP	pP	23 46 12.4 +0.1
N46A	Monticello	44.35	84	pP	pP	23 46 12.5 +0.2
X36A	Centrahoma	44.40	99	pP	pP	23 46 13.3 +0.5
W37B	Quinton	44.41	97	pP	pP	23 46 13.1 +0.3
U39A	Green Forest	44.41	94	pP	pP	23 46 14.1 +1.3
P44A	Sand Creek, Wi	44.48	87	pP	pP	23 46 13.4 +0.1
S42A	Caledonia	44.68	91	pP	pP	23 46 14.6 -0.4
F44A	Fresh Village	44.70	90	epP	pP	23 46 15.9 +0.7
Q44A	Meyer Farm, Va	44.71	88	pP	pP	23 46 15.3 +0.1
R43A	Red Bud	44.73	89	pP	pP	23 46 15.2 -0.1
U40A	Yellville	44.74	94	pP	pP	23 46 15.4 -0.1
V39A	Pettigrew	44.75	95	pP	pP	23 46 15.5 -0.2
T41A	Mountain View	44.76	92	pP	pP	23 46 15.6 0.0
AAM	Ann Arbor	44.84	81	pP	pP	23 46 16.2 0.0
X37A	Clayton	44.87	98	pP	pP	23 46 16.7 +0.1
P45A	Graceland, Par	44.88	86	pP	pP	23 46 16.2 -0.3
W38A	Poteau	44.92	96	pP	pP	23 46 16.8 -0.1
Y36A	Durant	44.97	99	pP	pP	23 46 17.4 +0.2
P46A	Rosedale	45.08	86	pP	pP	23 46 18.1 0.0
X38A	Whitesboro	45.08	97	pP	pP	23 46 18.0 -0.2
TX31	Lajitas Ar. Si	45.10	110	epP	pP	23 46 21.8 +3.3
TXAR	Lajitas Ar. Si	45.10	110	pP	pP	23 45 47.0 +0.1
T42A	Van Buren	45.10	92	pP	pP	23 46 17.7 -0.6
O47A	Sheridan	45.13	85	pP	pP	23 46 18.2 -0.4
Q45A	Warren Harvey,	45.15	87	pP	pP	23 46 18.7 0.0
R44A	Wiltonville	45.18	89	pP	pP	23 46 18.4 -0.5
W39A	Magazine	45.19	96	pP	pP	23 46 18.8 -0.2
V40A	White Springs	45.19	94	pP	pP	23 46 18.4 -0.7
S43A	Fulton Ridge,	45.20	90	pP	pP	23 46 18.4 -0.7
U41A	Hugo	45.22	93	pP	pP	23 46 18.7 -0.7
Y37A	Viola	45.23	98	pP	pP	23 46 19.7 +0.2
Q46A	CEJHS Indians,	45.46	87	pP	pP	23 46 21.3 +0.2
T43A	Greenville	45.47	91	pP	pP	23 46 21.4 +0.1
W41A	Mountainview	45.54	94	pP	pP	23 46 20.8 -1.1
V40A	Ferguson Farm,	45.55	95	pP	pP	23 46 21.1 -0.8
W40A	Ferguson Farm,	45.55	95	epP	pP	23 46 22.9 +0.9
R45A	Skylar, Fairri	45.55	88	pP	pP	23 46 21.2 -0.7
U42A	Reyden	45.56	92	pP	pP	23 46 21.8 -0.2
X39A	Fountain Ranch	45.56	96	pP	pP	23 46 22.1 0.0
PBMO	Poplar Bluff	45.63	91	epP	pP	23 46 23.3 +0.7
P47A	Martinsville	45.65	85	pP	pP	23 46 22.6 -0.1
Y38A	Idabel	45.72	98	pP	pP	23 46 23.8 +0.5
MIAR	Mount Ida	45.80	96	pP	pP	23 46 23.8 -0.2
MIAR	Mount Ida	45.80	96	epP	pP	23 46 24.8 +0.8
Z37A	Pogue Cattle C	45.86	99	pP	pP	23 46 24.5 +0.1
S45A	Carrier Mills	45.87	89	pP	pP	23 46 24.1 -0.4
WHTX	Lake Whitney,	45.92	102	pP	pP	23 46 24.2 -0.8
U43A	Rector	45.97	92	pP	pP	23 46 25.7 +0.4
136A	Ennis	45.99	100	pP	pP	23 46 25.7 +0.2
Q47A	Bedford North L	45.99	86	pP	pP	23 46 25.6 +0.2
R46A	Gibson Southern	46.00	87	pP	pP	23 46 25.6 +0.1
JCT	Junction City	46.01	105	pP	pP	23 46 25.4 -0.3
JCT	Junction City	46.01	105	epP	pP	23 45 56.0 +2.1
JCT	Junction City	46.01	105	epPP	pP	23 45 25.1 -0.6
JCT	Junction City	46.01	105	epP	pP	23 45 56.0 +2.1
S46A	Don Dixon Farm	46.30	88	pP	pP	23 46 28.3 +0.4
236A	Katherine and	46.37	101	pP	pP	23 46 29.3 +0.7
R47A	Wooly Knot Far	46.43	87	pP	pP	23 46 29.6 +0.7
GNAR	Gosnell	46.48	92	epP	P	23 45 59.0 +1.6
WCI	Wyandotte Cave	46.60	86	pP	pP	23 46 30.7 +0.5
WCI	Wyandotte Cave	46.60	86	epP	pP	23 46 31.0 +0.1
R48A	Northridge Ran	46.68	86	pP	pP	23 46 31.0 +0.1
T46A	Princeton	46.71	89	pP	pP	23 46 31.3 +0.2
ERPA	Erie	46.80	78	epP	P	23 46 01.0 +1.1
435B	Jarrell	46.84	103	pP	pP	23 46 33.3 +1.1
Z40A	Long Farm, Mag	46.92	97	pP	pP	23 46 33.9 +0.1
ALLY	Alegheny Colle	47.07	78	epP	P	23 46 03.3 +1.3
U46A	Sprieville	47.10	90	pP	pP	23 46 34.5 +0.3
T47A	Sharon Grove	47.15	88	pP	pP	23 46 34.9 +0.3
S48A	Wiemann Farm,	47.16	87	pP	pP	23 46 35.5 +0.8
Z41A	Richland Creek	47.22	96	pP	pP	23 46 36.5 +1.3

Y42A	Garnett, Star	47.27	95	pP	pP	23 46 36.8 +1.3
MMNY	Mt. Morris Dam	47.36	76	epP	P	23 46 05.4 +1.1
T48A	Bowing Green	47.41	87	pP	pP	23 46 37.7 +1.1
M54A	Oil Creek Stat	47.41	78	pP	pP	23 46 38.0 +1.4
M54A	Oil Creek Stat	47.41	78	epP	pP	23 46 05.7 +0.9
WVT	Waverly	47.45	90	pP	pP	2

Table with columns: Jw, 7d 1h, Kunigami, 35.60, 10, eP, P, 00 39 16.9 -1.2, ARMA, Armadale, 35.60, 132, eP, P, 00 39 18.4 0.0, CAN, Canberra, 36.70, 141, eP, P, 00 39 28.4 +0.8, HNR, Honiara, 37.87, 95, eP, P, 00 39 38.3 +0.5, KMI, Kuning, 38.05, 332, P, Pmax, 00 39 37.8 -1.4, NJ2, Nanjing, 40.30, 356, eP, Pmax, 00 39 56.1 -1.6, CBUJ, Chichi jima, 40.52, 29, eP, P, 00 39 59.6 0.0, LHI, Lord Howe Isla, 41.74, 129, eP, P, 00 40 10.1 +0.4, JNU, Nakatase, 42.22, 12, eP, P, 00 40 13.1 -0.3, CD2, Chengdu, 42.66, 337, eP, Pmax, 00 40 16.8 -0.4, DZM, Mont Dzumac, 45.17, 113, P, P, 00 40 39.8 +2.2, DZM, Mont Dzumac, 45.17, 113, eP, P, 00 40 37.7 +0.1, INCN, Inchon, 45.87, 6, eP, P, 00 40 40.0 -2.7, KS01, Wonju Array Si, 46.00, 7, eP, P, 00 40 42.8 -0.9, LZH, Lanzhou, 47.29, 340, eP, P, 00 40 55.8 +1.5, LZH, Lanzhou, 47.29, 340, pP, P, 00 41 00.1 -2.2, LZH, Lanzhou, 47.29, 340, sP, Pmax, 00 41 02.7 -2.9, MJAR, Matsushiro Arr, 47.33, 18, P, P, 00 40 54.1 -0.2, TAPN, Tapejung, 48.38, 318, eP, P, 00 41 01.6 -1.2, BJI, Beijing, 48.44, 354, P, Pmax, 00 41 03.5 +0.8, DGAR, Diego Garcia, 48.68, 267, eP, P, 00 41 02.4 -2.7, RAMN, Ramitite, 48.85, 317, eP, P, 00 41 05.8 -0.6, JIRN, Jiri, 49.59, 318, eP, P, 00 41 11.0 -1.2, HHC, Huo-hao-tse, 49.86, 350, eP, Pmax, 00 41 15.5 +1.8, GUN, Gumba, 49.96, 318, eP, P, 00 41 13.9 -1.1, PKI, Pulchoki, 50.05, 317, eP, P, 00 41 14.3 -1.4, PKIN, Pulchoki, 50.07, 317, eP, P, 00 41 14.6 -1.1, KKN, Kakani, 50.28, 317, eP, P, 00 41 16.5 -0.8, GTA, Gaotai, 51.68, 338, eP, P, 00 41 29.1 +1.6, PYUN, Piuthan, 52.05, 316, eP, P, 00 41 29.7 -0.8, CNR2, Changchun, 52.06, 4, eP, P, 00 41 32.4 +2.4, USK2, Ussuriysk, 53.18, 9, P, P, 00 41 38.0 -0.3, RPZ, Rita Peaks, 55.51, 138, P, P, 00 41 56.2 +0.7, OXZ, Oxford, 56.01, 137, eP, P, 00 41 59.9 +0.8, ULN, Ulaanbaatar, 57.47, 348, eP, P, 00 42 09.7 +0.3, SONM, Songino Array, 57.55, 348, P, P, 00 42 10.7 +0.6, BKZ, Black Stump Fm, 57.75, 311, eP, P, 00 42 12.3 +0.8, URZ, Urewedda, 57.96, 130, P, P, 00 42 13.6 +0.7, WMQ, Urumqi, 60.37, 332, P, P, 00 42 30.2 +0.6, KSH, Kashi, 63.69, 322, P, P, 00 42 51.2 -0.8, KSH, Kashi, 63.69, 322, pP, P, 00 42 57.7 -2.8, KSH, Kashi, 63.69, 322, pP, P, 00 43 30.5 -2.5, KSH, Kashi, 63.69, 322, pP, P, 00 45 14.9 +2.5, KSH, Kashi, 63.69, 322, sP, P, 00 47 28.0, KSH, Kashi, 63.69, 322, S, P, 00 51 23.1 -1.8, KSH, Kashi, 63.69, 322, sS, P, 00 51 34.0 -1.2, KSH, Kashi, 63.69, 322, sS, P, 00 52 42.0 -1.9, KSH, Kashi, 63.69, 322, sS, Pmax, 00 55 36.6 +3.4, MAW, Mawson, 70.70, 200, P, P, 00 43 36.5 +0.7, VYDA, Vanda, 72.20, 172, P, P, 00 43 45.5 +0.7, GEND, Ailibeck, 74.90, 313, LR, LR, 01 22 47.9, QSPA, South Pole Qui, 81.60, 180, P, P, 00 44 38.8 +0.7, KMBO, Kilima Mbozi, 84.26, 270, LR, LR, 01 18 37.8, SNAZ, Snares, 92.27, 195, P, P, 00 45 30.9 +0.9, TORD, Torodi Arr, 120.89, 280, PKP, PKP, 00 51 11.3 -2.3, CPUP, Villa Florida, 145.48, 182, PKP, PKP, 00 51 59.5 +0.3, MNMC, Minye Minye, 150.51, 158, eP, PKP, 00 52 13.8 +0.6, LPAZ, La Paz, 153.66, 159, PKP, PKP, 00 52 34.1 +0.8, LPAZ, La Paz, 153.66, 159, eP, PKP, 00 52 34.8 +1.5

Table with columns: TVSB, KULA, Kula-Manisa, 0.65, 207, eSg, Sg, 00 37 28.1 -0.9, KULA, Kula-Manisa, 0.65, 207, PG, Pg, 00 37 05.8 -0.1, KULA, Kula-Manisa, 0.65, 207, SG, Sg, 00 37 14.7 +0.3, MANT, Manisa, 0.71, 212, eSg, Sg, 00 37 17.4 +0.3, MANT, Manisa, 0.71, 212, P, P, 00 37 07.2 +0.2, MANT, Manisa, 0.71, 212, S, S, 00 37 16.4 -0.0, MANT, Manisa, 0.71, 212, P, P, 00 37 07.2 +0.2, MANT, Manisa, 0.71, 212, S, S, 00 37 16.4 -0.0, KHAL, Karahalli, 0.81, 154, P, P, 00 37 10.3 -0.5, KHAL, Karahalli, 0.81, 154, P, P, 00 37 20.1 -0.4, KHAL, Karahalli, 0.81, 154, P, P, 00 37 22.2 0.0, KHAL, Karahalli, 0.81, 154, S, S, 00 37 20.1 -0.4, ORLT, Orhanelli, 0.95, 353, eP, Pg, 00 37 11.2 -0.4, ORLT, Orhanelli, 0.95, 353, eP, Pg, 00 37 11.2 -0.4, AKHS, Akhisar, 0.98, 258, P, P, 00 37 12.2 -0.2, AKHS, Akhisar, 0.98, 258, P, P, 00 37 12.2 -0.2, AKHS, Akhisar, 0.98, 258, P, P, 00 37 12.1 -0.3, AKHS, Akhisar, 0.98, 258, P, P, 00 37 12.1 -0.3, BALB, Balikesir, 1.05, 301, eP, P, 00 37 13.9 +0.4, BALB, Balikesir, 1.05, 301, eP, P, 00 37 13.9 +0.4, BALB, Balikesir, 1.05, 301, eP, P, 00 37 14.0 +0.2, ADVT, Abdulvahap, 1.44, 22, eP, P, 00 37 19.6 +0.2, STEP, BALKESIR_Sava, 1.06, 286, P, P, 00 37 14.0 +0.2, STEP, BALKESIR_Sava, 1.06, 286, P, P, 00 37 14.0 +0.2, IGD, Bursa, 1.17, 6, P, P, 00 37 29.2 0.0, IGD, Bursa, 1.17, 6, P, P, 00 37 15.2 -0.5, IGD, Bursa, 1.17, 6, P, P, 00 37 31.6 +0.7, CAVI, Cavuskoj, 1.27, 29, eP, P, 00 37 17.4 +0.2, CAVI, Cavuskoj, 1.27, 29, eP, P, 00 37 17.4 +0.2, MDNY, Mudanya-Bursa, 1.28, 355, eP, Pg, 00 37 17.7 0.0, MDNY, Mudanya-Bursa, 1.28, 355, eP, Pg, 00 37 17.7 0.0, KCTX, Karacabey (Bur), 1.28, 356, eP, P, 00 37 17.8 0.0, KCTX, Karacabey (Bur), 1.28, 356, eP, P, 00 37 17.8 0.0, ADVT, Abdulvahap, 1.44, 22, eP, P, 00 37 19.6 +0.2, YLV, Yalova, 1.49, 10, eP, P, 00 37 20.6 +0.4, YLV, Yalova, 1.49, 10, eP, P, 00 37 20.6 +0.4, GULT, Gulveren, 1.75, 40, eP, P, 00 37 24.0 +0.2, GULT, Gulveren, 1.75, 40, eP, P, 00 37 24.0 +0.2, IDC 07 00:39:37.3, 0.8, 4.45S, 121.69E, h0km, mb4.2/10, mb1.4, 3/12, mb1mx4.0/46, mbtmp4.2/12, ML3.8/2, Error ellipse: s-maj=30.1km s-min=4.6km az=55.0, ISJCJB 07 00:39:40.0, 4.0, 4.56S, 0.03x121.52E:0.04, h33km, mb4.4/18, Error ellipse: s-maj=5.6km s-min=3.9km az=3.2, DJA 07 00:39:39.1, 0.2, 5.1'S, 121.22'E, h13km, M4.3/16, mb4.7/7, mb4.8/S, MLV4.3/16, Mw(mb)4.0/5, NEIC 07 00:39:41.5, 0.5, 4.43S, 121.72E, h35km, mb4.5/9, Error ellipse: s-maj=11.7km s-min=8.5km az=65.0, ISJC 07 00:39:41.7, 0.5, 4.54S, 121.55E:0.04, h35km, n41, 190/49, mb4.3/18, Sulawesi

Table with columns: comp=2.1, 3nm, 0.9s, baz=342, slow=1.9, SNR=4.3, AKASG, Malin Arr, 148.77, 326, PKPbc, PKPbc, 00 59 15.0 -0.4, BRTR, Keskin Arr, 151.12, 304, PKPbc, PKPbc, 00 59 21.9 +0.4, TORD, Torodi Arr, 166.11, 178, PKP, PKP, 00 59 33.3 -0.2, comp=2.0, 2nm, 0.9s, baz=16, slow=0.9, SNR=4.2, TORD, Torodi Arr, 166.11, 178, PKP, PKP, 01 00 35.3 -0.3, comp=2.0, 4nm, 0.7s, baz=182, slow=3.7, SNR=4.7, ISCJB 07 00:41:18.7, 0.6, 3.05N, 0.09x128.5E:0.2, h250km, mb3.9/12, Error ellipse: s-maj=25.0km s-min=10.8km az=161.0, IDC 07 00:41:20.8, 4.6, 3.00N, 128.45E, h256km, mb3.5/11, mb1.3, 6/11, mb1mx3.3/44, mbtmp4.1/11, Error ellipse: s-maj=23.4km s-min=11.5km az=66.0, ISC 07 00:41:20.1, 0.7, 3.03N, 0.1, 128.4E:0.2, h250km, n19, 077/14, mb3.8/12, North of Halmahera

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, SIMA, Simav-Kutahya, 0.05, 252, PG, Pg, 00 36 55.2 -0.1, SIMA, Simav-Kutahya, 0.05, 252, SG, Sg, 00 36 56.6 -0.1, SIMA, Simav-Kutahya, 0.05, 252, eP, Pg, 00 36 55.2 -0.1, DEMI, Demirci, 0.26, 258, P, P, 00 36 58.6 +0.1, DEMI, Demirci, 0.26, 258, P, P, 00 37 02.0 0.0, DEMI, Demirci, 0.26, 258, P, P, 00 36 58.6 +0.1, DEMI, Demirci, 0.26, 258, P, P, 00 37 02.0 0.0, GDZ, Gediz, 0.34, 91, P, P, 00 37 00.4 +0.5, GDZ, Gediz, 0.34, 91, P, P, 00 37 05.5 +0.8, GDZ, Gediz, 0.34, 91, P, P, 00 37 00.4 +0.5, GDZ, Gediz, 0.34, 91, P, P, 00 37 05.5 +0.8, TVSB, Tavsanli, 0.48, 43, PG, Pg, 00 37 02.1 -0.5, TVSB, Tavsanli, 0.48, 43, PG, Pg, 00 37 08.1 -0.9, TVSB, Tavsanli, 0.48, 43, eP, Pg, 00 37 02.1 -0.5

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, DZM, Mont Dzumac, 15.26, 286, P, P, 00 43 23.3 -0.3, CTA, Chartar Tower, 33.27, 274, P, P, 00 46 18.8 +0.7, WRA, Warramunga Arr, 44.34, 269, P, P, 00 47 44.0 -0.9, MKAR, Makanchi Array, 115.83, 311, PKP, PKP, 00 58 09.7 -0.7, MKAR, Makanchi Array, 115.83, 311, PKP, PKP, 00 58 09.7 -0.7, BVAR, Burbove Array, 124.19, 317, PKP, PKP, 00 58 26.4 +0.2, FINES, Fines Array B, 142.12, 342, PKH, PKP, 00 58 54.6, FINES, Fines Array B, 142.12, 342, PKH, PKP, 00 58 59.0 -0.5, NB2, NORSAR Subarray 145.53, 352, PKP, PKP, 00 59 05.0 -0.5, NOA, NORSAR Array B, 145.53, 352, PKP, PKP, 00 59 04.8 -0.7

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, FITZ, Fitzroy Crossi, 21.15, 187, P, P, 00 45 45.8 -0.4, WRA, Warramunga Arr, 23.52, 166, P, P, 00 46 08.8 +0.7, ASAR, Alice Springs, 27.04, 169, P, P, 00 46 41.5 +1.9, CMAR, Chiang Mai Arr, 32.71, 300, P, P, 00 47 29.1 -0.5, HNR, Honiara, 36.87, 161, P, P, 00 47 38.2 -0.3, KSRS, Korea Array, 34.29, 359, P, P, 00 47 43.1 +0.2, STKA, Stephens Creek, 36.87, 161, P, P, 00 48 04.3 -0.6, H11S, WAKE ISLAND Hy, 40.48, 65, T, T, 01 31 47.5, H11S, WAKE ISLAND Hy, 40.49, 65, T, T, 01 31 49.4, H11S, WAKE ISLAND Hy, 40.49, 65, T, T, 01 31 48.8, H11N, WAKE ISLAND Hy, 41.04, 63, T, T, 01 32 32.1, H11N, WAKE ISLAND Hy, 41.05, 63, T, T, 01 32 33.4, H11N, WAKE ISLAND Hy, 41.06, 63, T, T, 01 32 33.6, SONM, Songino Array, 40.56, 340, P, P, 00 49 38.8 +0.5, MKAR, Makanchi Array, 59.13, 325, P, P, 00 50 55.1 +0.4, ZALV, Zalesovo Beam, 62.01, 332, P, P, 00 51 13.7 -0.2, ILAR, Eileas Array, 65.03, 29, P, P, 00 53 26.9 -0.4, ARCES, ARCES Array B, 91.72, 340, P, P, 00 53 58.8 -0.1, TORD, Torodi Arr, 124.77, 288, PKP, PKP, 00 59 50.5 -0.7, IDC 07 00:43:04.9, 1.2, 8.71S, 130.35E, h0km, mb4.0/6, mb1.4, 2/8, mb1mx3.8/46, mbtmp4.1/8, ML4.3/2, MS3.5/2, Ms1.3, 5/2, ms1mx2.8/31, Error ellipse: s-maj=57.5km s-min=19.9km az=78.0, ISCJB 07 00:43:07.2, 0.6, 8.88S, 0.05x130.43E:0.08, h33km, mb3.9/7, Error ellipse: s-maj=11.3km s-min=6.3km az=164.8, NEIC 07 00:43:09.7, 0.6, 8.84S, 130.39E, h35km, mb4.1/1, Error ellipse: s-maj=15.7km s-min=9.8km az=60.0, ISC 07 00:43:09.7, 0.8, 8.82S, 0.08x130.41E:0.10, h35km, n17, 139/18, mb4.0/7, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC, h, m, s, ISC. Contains station data for Eyrewell, Oxford, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC, h, m, s, ISC. Contains station data for TLZ, Tolley Road, Koko, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC, h, m, s, ISC. Contains station data for FITZ, Fitzroy Crossi, Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kaiserville, Little Creek M, Urumqi, etc.

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

MAN 07 05:27-01, 9.41N-124.87E, h20km, mb4.5, ML3.3, MS3.2, 2C-1D, Mindanao

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

ISC/JB 07 05:43:24.0-0.4, 45.63N-102.21E, h8km, 3km, Error ellipse: s-maj=3.2km s-min=2.5km az=34.7

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

ISC 07 05:43:24.0-0.4, 45.63N-102.21E, h20km, 2km, M2.8/1 PRU 07 05:43:26.6-0.5, 45.61N-102.03E, h21km

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

ISC/JB 07 05:04:22.8-0.4, 37.18N-102.03-34.76E, h10km, 3km, Error ellipse: s-maj=5.1km s-min=3.7km az=143.3

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

ISC 07 05:04:22.0-0.3, 37.29N-34.74E, h8km, MD2.6 DDA 07 05:04:22.6-0.3, 37.18N-34.76E, h7km, M2.9

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

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

ISC 07 05:53:55.4-14.0, 6.76S-129.53E, h112km, 155km, mb3.1/1, mb1 3.2/4, mb1mx3.0/28, mbtmb3.0/4, ML3.5/3, Error ellipse: s-maj=106.6km s-min=58.7km az=32.0, Banda Sea

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

GUC 07 06:14:40.2-0.7, 20.84S-68.13W, h182km, 7km, ML3.6, 1C-4D, Chile-Bolivia border region

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

NEIC 07 06:14:52.2-0.5, 3.62S-151.58E, h10km, mb4.3/6, Error ellipse: s-maj=13.0km s-min=11.3km az=100.0

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

NEIC 07 05:16:35.3-0.0, 16.44N-93.11W, h228km, MD4.2(MEX), After MEX.

MEX 07 05:16:35.3-0.0, 16.44N-93.11W, h228km, 6km, MD4.2, VOIR

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like FIA1 FINESS Array S, FIA1 FINESS Array B, FINES FINESS Array B, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like E32A Braaten, Kindr, B34A Aery, Baudette, MH7CO State Highway, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like PBAR Barrancos, TX31 Lajitas Ar. Si, TX31 Lajitas Array, etc.

OK021	N3530 Road, Sp	124.55	44	ePKPdf	PKPdf	07 50 29.2 +0.6
I43A	Langenfeld Bro	124.55	31	P	PKPdf	07 50 27.7 -0.7
OK374	Fort Scott	124.62	40	P	PKPdf	07 50 28.2 -0.4
SQZ2	Cheneyville 18	124.62	44	ePKPdf	PKPdf	07 50 29.0 +0.0
S072A	N3560 Road, P	124.68	39	P	PKPdf	07 50 28.0 -0.8
G38A	Cooks Store, C	124.68	39	P	PKPdf	07 50 28.0 -0.8
W35A	Tecumseh	124.68	44	P	PKPdf	07 50 28.5 -0.4
W35A	Tecumseh	124.68	44	ePKPdf	PKPdf	07 50 29.5 +0.6
K42A	Prairie Point,	124.70	32	P	PKPdf	07 50 28.0 -0.7
F43A	Natural Harves	124.77	31	P	PKPdf	07 50 28.2 -0.6
J46A	Macinaw City C	124.80	27	P	PKPdf	07 50 28.0 -0.7
JCT	Junction City	124.81	51	P	PKPdf	07 50 28.9 -0.4
JCT	Junction City	124.81	51	ePKPdf	PKPdf	07 50 29.9 +0.6
JCT	Junction City	124.81	51	ePKPdf	PKPdf	07 50 29.9 +0.6
P39B	Salisbury	124.89	37	P	PKPdf	07 50 28.8 -0.4
T37A	baz=308,SNR=8.7	124.92	41	P	PKPdf	07 50 28.8 -0.4
Cheneyville 18	baz=305,SNR=5.5	124.96	39	P	PKPdf	07 50 28.6 -0.7
R38A	Fenwick Farm,	124.96	39	P	PKPdf	07 50 28.6 -0.7
M41A	Milan	124.98	34	P	PKPdf	07 50 28.8 -0.4
V36A	Jenks	124.98	43	P	PKPdf	07 50 29.3 -0.1
X35A	Drake	125.01	45	P	PKPdf	07 50 29.0 -0.5
X35A	Drake	125.01	45	ePKPdf	PKPdf	07 50 29.6 +0.1
TUL1	Leonard	125.02	43	P	PKPdf	07 50 29.4 -0.1
O40A	La Belle	125.02	36	P	PKPdf	07 50 29.1 -0.3
G39A	Willow Grove F	125.03	38	P	PKPdf	07 50 29.1 -0.3
L42A	Oliver, Polo	125.05	33	P	PKPdf	07 50 29.0 -0.3
W36A	Wetumka	125.14	44	P	PKPdf	07 50 29.7 0.0
W36A	Wetumka	125.14	44	ePKPdf	PKPdf	07 50 30.7 +1.0
Y35A	Marietta	125.22	45	P	PKPdf	07 50 29.5 -0.4
baz=301						
K43A	Burlington	125.29	32	P	PKPdf	07 50 29.7 -0.1
S30A	Stockton	125.29	40	P	PKPdf	07 50 29.6 -0.3
P48A	Paris	125.29	37	P	PKPdf	07 50 29.9 0.0
X36A	Centrahoma	125.35	44	P	PKPdf	07 50 30.2 0.0
T38A	Diamond	125.38	41	P	PKPdf	07 50 30.1 0.0
L43A	Garden Prairie	125.43	33	P	PKPdf	07 50 29.9 -0.2
R39A	Chumby, Stover	125.43	39	P	PKPdf	07 50 30.2 0.0
V37A	Hulbert	125.47	42	P	PKPdf	07 50 30.1 -0.2
GLMI	Graying	125.58	28	P	PKPdf	07 50 30.0 -0.3
O41A	Passelys Farm,	125.61	36	P	PKPdf	07 50 30.3 -0.2
baz=310,SNR=6.2						
Q40A	Laux Farm, Aux	125.61	38	P	PKPdf	07 50 30.5 0.0
R39A	Bolivar	125.62	40	P	PKPdf	07 50 30.2 -0.4
N42A	Yates City	125.63	35	P	PKPdf	07 50 30.1 -0.4
U38A	baz=312	125.66	41	P	PKPdf	07 50 30.6 -0.2
Graveyard	baz=305,SNR=9.9	125.69	43	P	PKPdf	07 50 30.5 -0.3
W37B	Quinton	125.69	43	P	PKPdf	07 50 30.5 -0.3
W37B	Quinton	125.69	43	ePKPdf	PKPdf	07 50 31.1 +0.3
Y36A	Durant	125.75	45	P	PKPdf	07 50 30.6 -0.3
P41A	Barry, Barry	125.79	36	P	PKPdf	07 50 30.8 -0.1
M43A	Walthin Townsh	125.82	33	P	PKPdf	07 50 30.7 -0.1
VLDO	Val d'Or	125.84	20	ePKPdf	PKPdf	07 50 29.8 -0.9
WHTX	Lake Whitney,	125.87	48	P	PKPdf	07 50 30.8 -0.4
WHTX	Lake Whitney,	125.87	48	ePKPdf	PKPdf	07 50 31.7 +0.5
L44A	Lake County Fo	125.88	32	P	PKPdf	07 50 30.8 -0.1
R40A	Maddies Statio	125.92	38	P	PKPdf	07 50 30.9 -0.3
baz=308,SNR=17						
Z36A	Blue Ridge	125.98	46	P	PKPdf	07 50 31.2 -0.2
V38A	Canehill	125.98	42	P	PKPdf	07 50 30.9 -0.3
T39A	baz=305,SNR=8.4	125.98	40	P	PKPdf	07 50 31.2 -0.2
Greenfield	baz=306,SNR=7.4	126.03	44	P	PKPdf	07 50 31.2 -0.2
X37A	Clayton	126.03	44	P	PKPdf	07 50 31.2 -0.2
X37A	Clayton	126.03	44	ePKPdf	PKPdf	07 50 32.4 +0.9
N43A	Stutzman Famil	126.04	34	P	PKPdf	07 50 31.0 -0.3
HHAR	Hobbs	126.05	41	ePKPdf	PKPdf	07 50 31.2 -0.2
R33A	Chapparral WMA,	126.08	53	P	PKPdf	07 50 31.5 -0.3
baz=296,SNR=7.4						
O41A	Truxton	126.14	37	P	PKPdf	07 50 31.7 +0.1
Y37A	Hugo	126.18	45	P	PKPdf	07 50 31.8 +0.1
S40A	Lebanon	126.20	39	P	PKPdf	07 50 31.4 -0.3
HDIL	Hopedale	126.23	34	P	PKPdf	07 50 31.5 -0.1
HDIL	Hopedale	126.23	34	ePKPdf	PKPdf	07 50 31.6 -0.1
P42A	Winchester	126.27	36	P	PKPdf	07 50 31.6 -0.2
U39A	Green Forest	126.29	41	P	PKPdf	07 50 31.6 -0.3
U39A	Green Forest	126.29	41	ePKPdf	PKPdf	07 50 31.6 -0.3
136A	Ennis	126.31	47	P	PKPdf	07 50 31.7 -0.3
W38A	Poteau	126.35	43	P	PKPdf	07 50 31.8 -0.2
baz=304,SNR=5.5						
M44A	Midewin, Midew	126.36	33	P	PKPdf	07 50 31.6 -0.2
baz=314						
X38A	Whitesboro	126.36	43	P	PKPdf	07 50 32.2 +0.1
435B	Jarrell	126.36	49	P	PKPdf	07 50 32.2 0.0
O43A	Sugar Creek Fa	126.40	35	P	PKPdf	07 50 31.9 -0.1
R40A	Manfield	126.46	40	P	PKPdf	07 50 32.1 -0.2
baz=309,SNR=17						
T41A	Rosebud	126.47	38	P	PKPdf	07 50 32.1 -0.1
V39A	Pettigrew	126.50	42	P	PKPdf	07 50 32.4 0.0
236A	baz=305,SNR=9.5	126.55	47	P	PKPdf	07 50 32.3 -0.3
Katherine and	baz=300					
Q42A	Golden Eagle	126.59	37	P	PKPdf	07 50 32.2 -0.2
baz=310						
S41A	Jillico Farms,	126.68	39	P	PKPdf	07 50 32.4 -0.3
baz=308,SNR=14						
CCM	Cathedral Cave	126.70	38	P	PKPdf	07 50 32.7 0.0
CCM	Cathedral Cave	126.70	38	ePKIKP	PKPdf	07 50 32.6 0.0
P43A	Skaggs, Pawnee	126.71	35	P	PKPdf	07 50 32.5 -0.1
N44A	Piper City	126.72	33	P	PKPdf	07 50 32.6 0.0
U40A	Yellville	126.72	41	P	PKPdf	07 50 32.7 0.0
W39A	Magazine	126.77	42	P	PKPdf	07 50 32.8 -0.1
baz=305,SNR=5.0						
137A	Heron Place, G	126.81	46	P	PKPdf	07 50 32.7 -0.3
Y38A	Idabel	126.83	44	P	PKPdf	07 50 32.8 -0.2
baz=303						
R42A	Luebbering	126.84	37	P	PKPdf	07 50 32.8 -0.1
baz=310,SNR=7.1						
X39A	Mountain Ranch	126.94	43	P	PKPdf	07 50 32.9 -0.3
baz=304,SNR=9.8						
O44A	Manfield	126.97	34	P	PKPdf	07 50 33.3 +0.2
T41A	Mountain View	127.00	39	P	PKPdf	07 50 33.0 -0.3
baz=308,SNR=10						
Z38A	Mt. Pleasant	127.01	45	P	PKPdf	07 50 33.2 -0.1

N45A	Kentland	127.02	33	P	PKPdf	07 50 32.9 -0.2
baz=314						
V40A	Witts Springs	127.06	41	P	PKPdf	07 50 33.4 -0.1
baz=306,SNR=16						
Q43A	New Douglas	127.07	36	P	PKPdf	07 50 33.0 -0.3
237A	Washetta, Mont	127.08	47	P	PKPdf	07 50 33.7 +0.1
baz=311						
S42A	Caledonia	127.16	38	P	PKPdf	07 50 33.3 -0.3
baz=309						
M46A	Old House Field	127.25	32	P	PKPdf	07 50 33.6 0.0
baz=316						
FVM	Fresh Village	127.25	38	ePKIKP	PKPdf	07 50 33.9 +0.2
FVM	French Village	127.25	38	ePKIKP	PKPdf	07 50 33.9 +0.2
W40A	Ferguson Farm,	127.25	42	P	PKPdf	07 50 33.8 0.0
baz=305						
W40A	Ferguson Farm,	127.25	42	ePKIKP	PKPdf	07 50 34.4 +0.6
Matatali Enter	127.26	46	P	PKPdf	07 50 33.9 +0.1	
Y39A	Lockesburg	127.27	44	P	PKPdf	07 50 33.6 -0.2
MIAR	Mount Ida	127.28	43	P	PKPdf	07 50 34.1 +0.3
MIAR	Mount Ida	127.28	43	ePKIKP	PKPdf	07 50 34.5 +0.6
MIAR	Mount Ida	127.28	43	ePKIKP	PKPdf	07 50 34.5 +0.6
O45A	Potomac	127.32	34	P	PKPdf	07 50 34.0 +0.3
U41A	Viola	127.33	40	P	PKPdf	07 50 33.7 -0.2
P44A	Sand Creek, Wi	127.34	35	P	PKPdf	07 50 34.1 +0.3
baz=312						
N46A	Mataguello	127.41	32	P	PKPdf	07 50 33.8 -0.1
LNIG	Linare	127.43	57	ePKIKP	PKPdf	07 50 34.5 +0.1
T42A	Van Buren	127.44	39	P	PKPdf	07 50 33.9 -0.2
Q44A	Fresh Farm, Va	127.49	36	P	PKPdf	07 50 33.9 -0.2
baz=312						
V41A	Mountainview	127.51	41	P	PKPdf	07 50 34.2 -0.1
baz=307						
SFIN	Lafayette	127.57	33	P	PKPdf	07 50 34.2 -0.1
baz=314						
SFIN	Lafayette	127.57	33	ePKIKP	PKPdf	07 50 34.9 +0.7
S43A	Fulton Ridge,	127.73	38	P	PKPdf	07 50 34.4 -0.2
baz=311						
U42A	Reviden	127.76	40	P	PKPdf	07 50 34.6 -0.1
baz=308						
Y40A	Okolona	127.79	43	P	PKPdf	07 50 34.6 -0.3
P45A	Graceland, Par	127.80	34	P	PKPdf	07 50 34.6 -0.1
baz=313						
W41B	Gary Mavity, V	127.81	41	P	PKPdf	07 50 34.6 -0.2
baz=306						
R44A	Waltoville	127.89	36	P	PKPdf	07 50 34.8 -0.1
G009	Cerro Castillo	127.89	164	ePKIKP	PKPdf	07 50 35.0 +0.5
T43A	Greenville	127.91	38	P	PKPdf	07 50 34.9 0.0
baz=309						
AAM	Ann Arbor	127.95	29	P	PKPdf	07 50 34.8 -0.1
V42A	Cord	128.00	40	P	PKPdf	07 50 35.0 -0.2
Q45A	Warren Harvey,	128.00	35	P	PKPdf	07 50 35.0 -0.1
PBMO	Poplar Bluff	128.01	39	ePKIKP	PKPdf	07 50 35.0 -0.2
SADO	Sadowa	128.01	24	ePKIKP	PKPdf	07 50 35.5 +0.6
NATX	Nacogdoches	128.04	46	P	PKPdf	07 50 35.1 -0.3
W41A	White Oak Lake	128.08	44	ePKIKP	PKPdf	07 50 36.6 +1.2
HKT	Hockley	128.09	49	ePKIKP	PKPdf	07 50 36.6 +1.2
HKT	Hockley	128.09	49	ePKIKP	PKPdf	07 50 36.6 +1.2
OLIL	Olney	128.14	35	ePKIKP	PKPdf	07 50 36.1 +0.7
S44A	Carbondale	128.15	37	P	PKPdf	07 50 35.2 -0.2
O47A	Sheridan	128.18	33	P	PKPdf	07 50 35.3 -0.1
baz=315						
U43A	Rector	128.28	39	P	PKPdf	07 50 35.5 -0.2
baz=309						
Y41A	Eaglebeard	128.32	43	P	PKPdf	07 50 35.8 0.0
baz=305						
R45A	Skyler, Fairir	128.33	36	P	PKPdf	07 50 35.8 0.0
baz=312						
T44A	Benton	128.33	38	P	PKPdf	07 50 35.7 -0.1
140A	Cam and Jess,	128.34	45	P	PKPdf	07 50 35.5 -0.4
baz=303						
PARMO	Parma	128.50	38	ePKIKP	PKPdf	07 50 36.9 +0.8
240A	Runter Patters	128.54	46	P	PKPdf	07 50 35.9 -0.4
Z41A	Richland Creek	128.54	44	P	PKPdf	07 50 36.3 0.0
baz=304						
P47A	Manassville	128.65	33	P	PKPdf	07 50 36.3 0.0
baz=315						
BLO	Bloomington	128.73	34	ePKIKP	PKPdf	07 50 37.4 +0.9
BLO</						

Table with columns: HIZ, Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Huiiti, Birch Farm, KHZ, HNR, CTA, etc.

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

NIED 07 08:17:00.17, 5.0N, 142.00E, h41km, Mw4.3. Best double couple: M3.42000-1015, NP1.9x210.00000, R29.00000, 1.35.00000, NP2.9x89.00000, S74.00000, 1.15.00000. MOS 07 08:17:54.2, 0.1, 37.575N, 142.07E, h34km, mb4.5/15, Error ellipse: s-maj=9.2km s-min=6.0km az=85.1 JMA 07 08:17:54.2, 0.1, 37.48N, 142.01E, h32km, 3km, M4.4 JMA Felt II J1.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM, H11S1, H11S3, H11S2, ZAK, etc.

ISC/JB 07 08:03:07.3, 1.4, 39.34N, 143.37E, 0.07, h18km, 9km, mb3.5/5, Error ellipse: s-maj=9.0km s-min=7.1km az=18.0 JMA 07 08:03:07.0, 0.2, 39.33N, 143.31E, h18km, 3km, M3.5 JMA 07 08:03:14.3, 1.6, 39.24N, 143.21E, h67km, 15km, mb3.2/5, mb1.3-4.6, mb1mx3.1/47, mb1mp3.5/6, Error ellipse: s-maj=17.7km s-min=16.0km az=17.0

ISC 07 08:07:3.3, 0.3939N, 105.14327E, 0.07, h6km, 17km, n25, c154/31, mb3.5/5, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2, PETK, ZEA, etc.

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

MKAR			PKK	PKP	10 45 02.0	0.0
KURK	Kurchatov	comp=Z,0.4nm,0.6s,baz=274.2,slow=3.1,SNR=5.0	PKK	PKP	10 34 14.6	-0.4
KSH	Kashi	comp=Z,18nm,1.7s	PKP	PKP	10 34 17.6	-1.2
KSH			PKP	PKP	10 35 31.7	+3.9
KSH			PKS	PKS	10 37 52.5	-3.0
KSH			SKS	SKS	10 41 12.2	-7.7
KSH			SKS	SKS	10 42 07.9	-9.0
KSH		comp=Z,7.6nm,4.9s	AMB	AMB		
KSH		comp=Z,32nm,4.3s	LR	LR		
KSH		comp=Z,48nm,4.9s	LR	LR		
KSH		comp=Z,130nm,4.7s	LR	LR		
AAK	Ala-Archa	117.77 309	PKK	PKP	10 34 21.0	0.0
BRVK	Borovoye	119.89 321	PKK	PKP	10 34 23.9	-0.6
BRVK		comp=Z,9.0nm,0.7s				
BRVK	Borovoye	119.89 321	PKK	PKP	10 34 24.0	-0.5
KKAR	Karatay Array	120.69 309	PKK	PKP	10 34 25.5	-1.0
KKAR	Karatay Array	120.69 309	PKK	PKP	10 34 25.5	-1.0
ARU	Arti	125.59 327	PKK	PKP	10 34 35.5	+0.1
ARU	Arti	125.59 327	PKK	PKP	10 34 35.5	+0.1
ABKAR	Abkulkal array	127.03 318	PKK	PKP	10 34 38.1	-0.2
ARCES	ARCESS Array B	127.78 315	PKK	PKP	10 34 39.1	-0.2
KLMR	Klimovskoe	131.59 339	PKK	PKP	10 34 45.0	-1.6
KLMR		comp=Z,10.0nm,1.3s				
KLMR	Klimovskoe	131.59 339	PKK	PKP	10 34 45.0	-1.6
KLMR		comp=Z,10.0nm,1.3s				
FINES	FINES Array B	134.97 346	PKK	PKP	10 34 53.0	0.0
FINES		comp=Z,3.3nm,0.8s,baz=144,slow=3.5,SNR=5.4				
OBN	Obninsk	136.71 334	PKK	PKP	10 34 54.9	-1.5
OBN		comp=Z,1.5nm,1.0s				
KIV	Kislovodsk	140.00 317	PKK	PKP	10 34 58.6	
KIV		comp=Z,2.0nm,1.1s				
KIV						
KIV						
AKASG	Malin Array Be	142.97 335	PKK	PKP	10 35 03.4	0.0
AKASG		comp=Z,2.6nm,0.8s,baz=138,slow=3.5,SNR=11				
AKASG	Malin Array Be	142.97 335	PKK	PKP	10 35 11.6	+3.7
KIEV	Kiev	142.98 335	PKK	PKP	10 35 03.6	
KMBV	Kilima Mbogo	143.01 241	PKK	PKP	10 35 08.4	-1.1
MARD	Mardir	144.04 308	PKK	PKP	10 35 09.3	+0.6
SORM	Soroca	145.31 333	PKK	PKP	10 35 11.8	+0.3
LTV	L'vov	145.64 339	PKK	PKP	10 35 13.4	-0.2
OJC	Ojcow	146.60 343	PKK	PKP	10 35 16.4	+0.4
OJC	Ojcow	146.60 343	PKK	PKP	10 35 16.4	+0.4
STHS	Stebnicka Huta	146.90 341	PKK	PKP	10 35 17.4	+0.5
STHS	Stebnicka Huta	146.90 341	PKK	PKP	10 35 17.4	+0.5
CLL	Collim	147.00 351	PKK	PKP	10 35 17.1	+0.1
CLL		comp=Z,35nm,0.9s				
CLL	Collim	147.00 351	PKK	PKP	10 35 17.1	+0.1
CLL		comp=Z,35nm,0.9s				
CLL	Collim	147.00 351	PKK	PKP	10 35 17.5	+0.4
BUR08	Bucovina Ar. S	147.00 335	PKK	PKP	10 35 18.5	+0.5
BUR04	Bucovina Ar. S	147.00 335	PKK	PKP	10 35 18.2	+0.9
BUR04	Bucovina Array	147.00 335	PKK	PKP	10 35 19.0	+0.0
NIE	Niedzica	147.18 342	PKK	PKP	10 35 18.3	+0.6
UPC	Upec	147.25 347	PKK	PKP	10 35 18.3	+0.5
UPC	Upec	147.25 347	PKK	PKP	10 35 18.3	+0.5
UPC	Upegorod	147.25 339	PKK	PKP	10 35 18.2	+0.4
BRG	Berggiesshubel	147.28 350	PKK	PKP	10 35 18.2	+0.4
BRG		comp=Z,18nm,1.0s				
BRG	Berggiesshubel	147.28 350	PKK	PKP	10 35 18.2	+0.4
BRG		comp=Z,19nm,1.0s				
TLCR	Cervencia-Dubn	147.28 340	PKK	PKP	10 35 18.5	+0.5
CRVS	Cervencia-Dubn	147.28 340	PKK	PKP	10 35 18.7	+0.8
CRVS	Cervencia-Dubn	147.28 340	PKK	PKP	10 35 18.6	+0.7
CRVS		comp=Z,19nm,1.0s				
DPC	Dobruska-Polom	147.33 347	PKK	PKP	10 35 18.7	+0.6
DPC	Dobruska-Polom	147.33 347	PKK	PKP	10 35 18.7	+0.6
DPC		comp=Z,19nm,1.0s				
OKC	Ostrava-Krasne	147.39 345	PKK	PKP	10 35 18.1	-0.1
OKC	Ostrava-Krasne	147.39 345	PKK	PKP	10 35 18.1	-0.1
KRKC	Kraikly	147.49 346	PKK	PKP	10 35 19.3	+0.8
KRKC	Kraikly	147.49 346	PKK	PKP	10 35 19.3	+0.8
PVCC	Panska Ves	147.50 349	PKK	PKP	10 35 19.3	+0.8
PVCC	Panska Ves	147.50 349	PKK	PKP	10 35 19.3	+0.8
MORC	Moravsky Berou	147.59 345	PKK	PKP	10 35 19.2	+0.4
MORC	Moravsky Berou	147.59 345	PKK	PKP	10 35 19.2	+0.4
CFR	Carcaiu	147.62 329	PKK	PKP	10 35 19.5	+0.6
LANS	Liptovska Anna	147.66 343	PKK	PKP	10 35 20.3	+1.2
LANS	Liptovska Anna	147.66 343	PKK	PKP	10 35 20.3	+1.2
VRI	Vrincioara	147.76 332	PKK	PKP	10 35 19.9	+0.6
PLOR	Plostina	147.80 332	PKK	PKP	10 35 20.0	+0.5
KECS	Kecevo	147.96 341	PKK	PKP	10 35 20.3	+0.5
KECS	Kecevo	147.96 341	PKK	PKP	10 35 20.2	+0.5
BR11H	Breskva	147.96 317	PKK	PKP	10 35 20.7	+0.5
BR11H	Breskva	147.96 317	PKK	PKP	10 35 20.7	+0.5
BRTR	Breskva	147.96 317	PKK	PKP	10 35 16.9	-0.1
BRTR		comp=Z,9.4nm,0.9s,baz=100,slow=2.7,SNR=15				
PRU	Pruhonice	148.03 349	PKK	PKP	10 35 20.0	+0.1
PRU	Pruhonice	148.03 349	PKK	PKP	10 35 20.0	+0.1
GOPC	GOP Pecny, Ondr	148.05 349	PKK	PKP	10 35 20.2	+0.2
GOPC	GOP Pecny, Ondr	148.05 349	PKK	PKP	10 35 20.2	+0.2
NKC	Novy Kostel	148.13 351	PKK	PKP	10 35 22.9	+0.4
NKC	Novy Kostel	148.13 351	PKK	PKP	10 35 22.9	+0.4
MEF	Membach	148.24 359	PKK	PKP	10 35 21.6	+1.2
VRAC	Vranov	148.25 346	PKK	PKP	10 35 21.5	+1.0
CJR	Ciuj-Napoca	148.40 336	PKK	PKP	10 35 22.1	+1.1
MLR	Muntele Rosu	148.40 332	PKK	PKP	10 35 22.4	+1.2
ANTO	Ankara	148.43 318	PKK	PKP	10 35 22.5	+1.1
ANTO	Ankara	148.43 318	PKK	PKP	10 35 22.5	+1.1
LYHS	Lytne	148.44 343	PKK	PKP	10 35 21.8	+0.8
YHHS	Yhne	148.44 343	PKK	PKP	10 35 21.8	+0.8
BR21	Breskva	148.46 317	PKK	PKP	10 35 17.6	-0.2
BR21	Breskva	148.46 317	PKK	PKP	10 35 17.6	-0.2
PSZ	Piszkesteto	148.64 341	PKK	PKP	10 35 21.5	+0.1
PSZ	Piszkesteto	148.64 341	PKK	PKP	10 35 21.6	+0.1
DRGR	Dourbes	148.67 337	PKK	PKP	10 35 22.3	+0.5
DOU	Dourbes	148.75 311	PKK	PKP	10 35 22.4	+0.6
VOIC	Kasperske Hory	148.83 333	PKK	PKP	10 35 23.4	+1.2
KHC	Kasperske Hory	149.02 350	PKK	PKP	10 35 22.8	+0.3
KHC	Kasperske Hory	149.02 350	PKK	PKP	10 35 22.8	+0.3
KHC	Kasperske Hory	149.02 350	PKK	PKP	10 35 22.8	+0.3
KHC	Kasperske Hory	149.02 350	PKK	PKP	10 35 23.4	+0.8
KHC		comp=Z,11nm,1.4s				
WLF	Wafferange	149.19 359	PKK	PKP	10 35 27.0	0.0
WLF	Wafferange	149.19 359	PKK	PKP	10 35 23.6	+0.7
WLF	Wafferange	149.19 359	PKK	PKP	10 35 24.0	+1.1
GECC	GERESS Array S	149.23 349	PKK	PKP	10 35 23.8	+0.5
GECC	GERESS Array S	149.23 349	PKK	PKP	10 35 23.8	+0.5
GERES	GERESS Array B	149.28 349	PKK	PKP	10 35 23.8	+0.5
GERES	GERESS Array B	149.28 349	PKK	PKP	10 35 23.8	+0.5
GEAO	GERESS Array S	149.28 349	PKK	PKP	10 35 23.3	+0.1
CONA	Conrad Observa	149.72 346	PKK	PKP	10 35 25.3	0.0
MOA	Mozlin	150.13 348	PKK	PKP	10 35 27.3	+0.6
MOA	Mozlin	150.13 348	PKK	PKP	10 35 25.8	-0.3
ARS	Arzberg	150.43 346	PKK	PKP	10 35 26.3	-0.4
BFO	Black Forest	150.44 356	PKK	PKP	10 35 26.3	+0.3
RETA	Reutte	151.04 353	PKK	PKP	10 35 28.0	-0.1
RETA		comp=Z,8.7nm,0.8s				
SOKA	Soboth	151.08 346	PKK	PKP	10 35 27.6	0.0
WATA	Walderalm	151.08 351	PKK	PKP	10 35 27.9	-0.3
MOTA	Moostal	151.14 352	PKK	PKP	10 35 28.0	+0.2
MOTA		comp=Z,14nm,0.9s,SNR=6.2				
DYVA	Damuels	151.54 354	PKK	PKP	10 35 28.8	0.0
DYVA		comp=Z,24nm,1.0s,SNR=5.5				
MAKA	Makarska	151.52 348	PKK	PKP	10 35 28.1	-0.3
FETA	Feichten	151.52 352	PKK	PKP	10 35 29.3	+0.2
FETA		comp=Z,16nm,0.8s,SNR=6.2				

ABTA	Abfaltersbach	151.51 350	PKK	PKP	10 35 28.5	-0.1
LJU	Ljubljana	151.79 347	PKK	PKP	10 35 29.5	+0.3
FUORN	Ofenpass-Fuorn	151.96 353	PKK	PKP	10 35 30.4	+0.5
DIVS	Divis	151.96 357	PKK	PKP	10 35 30.3	+0.3
BOJIS	Bojanci	152.14 345	PKK	PKP	10 35 30.7	+0.8
SEIN	San Lacin/Sane	152.45 357	PKK	PKP	10 35 31.7	+0.8
ES19	SONSECA Array	157.65 19	PKK	PKP	10 35 31.8	+0.7
ES19		comp=Z,1.6nm,0.8s,baz=323,slow=0.5,SNR=13				
TOAD	Torodi Ar. Sit	173.34 147	PKK	PKP	10 35 44.2	+0.3
TOAD		comp=Z,1.6nm,0.8s,baz=323,slow=0.5,SNR=13				
TORD	Torodi Ar. Bea	173.34 147	PKK	PKP	10 35 43.9	-0.6
TORD		comp=Z,2.0nm,1.0s,baz=223,slow=4.5,SNR=7.4				

KRSC 07 10:37:34.7-1.3, 52.99N:157.49E, h234km, 9km, ML4.0
 ISCJB 07 10:37:35.8-0.5, 52.97N:157.8E-0.1, h237km, 9km, mb3.4/4, Error ellipse: s-maj=13.2km s-min=6.2km
 MOS 07 10:37:35.7-0.4, 53.01N:157.68E, h235km, mb4.1/2, Error ellipse: s-maj=24.1km s-min=9.2km az=68.2
 IDC 07 10:37:37.0-0.6, 53.11N:157.70E, h228km, 4km, mb3.1/4, mb1.3/3.6, mb1m2.3/4.3, mbtrp3.6/6, Error ellipse: s-maj=18.1km s-min=9.0km az=80.0

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	ISC
PETK	Petrovavskoye	0.15 350	Op	Pn	10 38 06.7	-0.2
PETK		18nm,0.3s,baz=77,slow=3.9,SNR=1049				
PETK		2.3nm,0.3s,baz=81,slow=6.6,SNR=8.1				
KRMR	Karymskinskiy	0.27 119	Pn	Pn	10 38 06.9	-0.1
KRMR	Karymskinskiy	0.27 119	eP	Pn	10 38 06.9	-0.1
APC	Apacha	0.36 264	S	Pn	10 38 29.3	+2.1
APC	Apacha	0.36 264	eS	Pn	10 38 06.5	-0.7
APC			eS	Pn	10 38 29.3	+2.1
MTVR	Mutnovka	0.55 151	Pn	Pn	10 38 08.3	+0.3
MTVR	Mutnovka	0.55 151	S	Pn	10 38 31.8	-1.0
MTVR	Mutnovka	0.55 151	S	Pn	10 38 31.8	-1.0
PET	Petrovavskoye	0.55 83	ePn	S	10 38 07.4	-0.3
PET			smax	smax	10 38 31.9	-0.5
PET		comp=E,132nm,1.1s				
PET		comp=N,196nm,0.9s				
PET	Petrovavskoye	0.55 83	eS	Pn	10 38 07.9	+0.2
ASAK	Asacha	0.59 171	Pn	Pn	10 38 32.3	-0.1
ASAK	Asacha	0.59 171	eP	Pn	10 38 08.3	+0.2
DALK	Dalny	0.61 83	Pn	Pn	10 38 07.2	-0.7
DALK	Dalny	0.61 83	S	Pn	10 38 32.8	0.0
DALK	Dalny	0.61 83	eS	Pn	10 38 07.2	-0.7
DALK	Dalk	0.63 58	Pn	Pn	10 38 32.8	0.0
KOK	Koryaka	0.63 58	Pn	Pn	10 38 08.8	+0.7
KOK	Koryaka	0.63 58	eP	Pn	10 38 08.7	+0.4
AVH	Avacha</					

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Topopah Spring, Hardware Ranch, Dugway, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Las Campanas, Port Moresby, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Davao City (W), Bislig, Musuan, etc.

7d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARMA Armidale, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
JIO Ouri 2.01 304 P Pn 11 35 47.5 +0.2
JFK Kawauchi 2.08 271 P Sn 11 35 48.5 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIO Ouri, JFK Kawauchi, JOK Iwakimizuishiy, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
JAG Asahikawa 6.79 355 Pn 11 36 02.2 +0.4
JAG Ashikaga 3.36 255 P Sn 11 36 03.3 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAG Asahikawa, JAG Ashikaga, JBSO Boso, etc.

2012 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BVAR Borovoye Array, DJR Jarkent, DJR Jarkent, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
HNR Honiara 4.84 122 P S 12 31 32.0 +0.7
HNR Honiara 4.84 122 P S 12 31 33.1 +1.8

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

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
JAG Asahikawa 6.79 355 Pn 11 36 02.2 +0.4
JAG Ashikaga 3.36 255 P Sn 11 36 03.3 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAG Asahikawa, JAG Ashikaga, JBSO Boso, etc.

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

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

IDC 07 12:31:53.9:21.0, 19.81S, 177.83W, h409km, 223km, mb3.3/6, mb1 3.5/6, mb1mx3.1/40, mbtmp3.5/9, ML3.1/6, MS3.3/2, Error ellipse: s-maj=106.8km s-min=65.7km az=132.0, 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, STKA Stephens Creek, ASAR Ala Springs, etc.

IDC 07 12:32:57.9:1.4, 38.52N, 170.68E, h0km, mb3.5/3, mb1 3.6/9, mb1mx3.4/53, mbtmp3.5/9, ML3.1/6, MS3.3/2, Ms1 3.3/2, ms1mx2.5/42, Error ellipse: s-maj=30.4km s-min=16.5km az=108.0

ISCJIB 07 12:32:58.2:0.9, 38.47N, 0.07:70.23E:0.09, h23km, mb3.4/3, MS3.7/1, Error ellipse: s-maj=11.4km s-min=8.8km az=24.0

NNC 07 12:32:58.1:2.3, 38.53N, 170.37E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=20.3km s-min=15.5km az=165.0

ISC 07 12:32:59.5:1.3, 38.4N, 0.1:70.26E:0.10, h23km, n26.0, alpha165.0, mb3.5/3, 8C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFA Sufi-Kurgan, SFK Sufi-Kurgan, MNAS Manas, etc.

ISC 07 13:14:12.1:1.3, 37.84N, 39.56E, h10km, ML2.7, CSEM 07 13:14:13.2:0.2, 37.84N, 39.57E, h10km, ML3.0, Error ellipse: s-maj=5.6km s-min=3.8km az=174.0

DDA 07 13:14:13.2:0.2, 37.85N, 39.57E, h16km, M13.0, ISC 07 13:14:13.3:1.0, 37.84N, 0.02:39.57E:0.02, h9km, 10km, n34, alpha65/55, Turkey

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

ISCJIB 07 13:08:33.5:0.4, 39.91N, 0.0:27.49E:0.03, h5km, 3km, Error ellipse: s-maj=3.4km s-min=2.8km az=150.4

CSEM 07 13:08:33.6:0.1, 39.91N, 27.50E, h5km, ML2.8, Error ellipse: s-maj=1.9km s-min=1.8km az=58.0

DDA 07 13:08:33.6, 39.93N, 27.53E, h7km, M13.1, ISC 07 13:08:33.0, 39.91N, 27.50E, h6km, ML3.2, ISC 07 13:08:34.1, 0.8, 39.91N, 0.02:27.50E:0.02, h13km, 6km,

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

ISC 07 13:14:12.1:1.3, 37.84N, 39.56E, h10km, ML2.7, CSEM 07 13:14:13.2:0.2, 37.84N, 39.57E, h10km, ML3.0, Error ellipse: s-maj=5.6km s-min=3.8km az=174.0

DDA 07 13:14:13.2:0.2, 37.85N, 39.57E, h16km, M13.0, ISC 07 13:14:13.3:1.0, 37.84N, 0.02:39.57E:0.02, h9km, 10km, n34, alpha65/55, Turkey

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

ISC 07 13:08:33.5:0.4, 39.91N, 0.0:27.49E:0.03, h5km, 3km, Error ellipse: s-maj=3.4km s-min=2.8km az=150.4

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

MEX 07 13:18:30.7:0.8, 14.87N, 97.53W, h16km, 40km, MD4.0, Off coast of Oaxaca

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

ATH 07 13:20:33.8, 39.91N, 24.08E, h30km, ML2.9/16, Error ellipse: s-maj=0.9km s-min=0.6km az=244.0

ISCJIB 07 13:20:34.6:0.5, 39.90N, 0.0:24.03E:0.02, h12km, 4km, Error ellipse: s-maj=2.8km s-min=2.6km az=39.0

THE 07 13:20:34.7, 39.90N, 24.07E, h12km, ML2.8/20, Error ellipse: s-maj=0.6km s-min=0.3km az=245.0

CSEM 07 13:20:35.1:0.1, 39.89N, 23.99E, h15km, ML2.8, Error ellipse: s-maj=3.2km s-min=2.6km az=122.0

ISK 07 13:20:36.0, 39.94N, 24.11E, h9km, ML3.3, DDA 07 13:20:37.4, 40.48N, 24.40E, h14km, ML3.3, ISC 07 13:20:34.8, 0.9, 39.90N, 0.0:24.06E:0.01, h14km, 7km, n172, alpha89/242, 11C-4D, Aegean Sea

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

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

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

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

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

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

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

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

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

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

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

SALA comp=N,53nm,0.6s AML AML 14 42 03.8
SALA comp=E,3.4nm,0.6s AML AML 14 42 05.7

NIED 07 14:41:00,38.90N,142.40E,h32km,Mw3.4 Best double couple: M0.1,49000x1014 NP1.3,349.00000,820.00000, lambda=66.00000, NP2.3,144.00000,872.00000, lambda=98.00000

JMA 07 14:41:27.0,0.1,38.95N,142.43E,h30km,2.2km,M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like OFUJ, MIYJ, JMK, etc.

NIED 07 14:43:00,41.20N,144.80E,h5km,Mw3.7 Best double couple: M0.3,46000x1014 NP1.3,277.00000,819.00000, lambda=31.00000, NP2.3,37.00000,880.00000, lambda=107.00000

JMA 07 14:43:53.9,0.3,41.24N,144.81E,h52km,2.2km,M3.8, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like JEM, JEM, JCH, etc.

IDC 07 14:51:55.2,349.0,38.39N,72.96W,h0km, Error ellipse: s-maj=165.6km s-min=135.3km az=86.0, Off east coast of United States

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like A51GB, H10CA, etc.

ROM 07 15:03:47.6,0.2,42.72N,13.62E,h13km,3km,Md2.4/19, Md2.2/3, Error ellipse: s-maj=2.8km s-min=1.6km az=73.0

CSEM 07 15:03:47.5,0.1,42.72N,13.59E,h19km,ML3.4/6, Error ellipse: s-maj=2.8km s-min=1.8km az=80.0

ISC 07 15:03:47.7,1.0,42.73N,0.02,13.60E,0.03,h16km,7km,n54,e046/69,Central Italy

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like TERO, SMA1, AQU, GUMA, etc.

Table with columns: GUAR, FRON, ATTE, MPAG, etc. Lists stations and their coordinates.

NEIC 07 15:04:45.0,0.0,18.17N,67.35W,h16km,MD3.0(RSPR), After RSPR

NEIC Felt at Aguada. RSPR 07 15:04:45.0,18.17N,67.35W,h16km,MD3.0/11,8C-21D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like MPR, MPR, MPR, etc.

IDC 07 15:12:21.6,1.1,36.77N,55.20E,h0km,mb3.4/7, mb1.3/713,mb1mx3.5/60,mbtmp3.6/13,ML3.4/6,MS3.0/4, Mb1.3/0.4,ms1mx2.6/47, Error ellipse: s-maj=20.2km s-min=13.0km az=180.0

ISCJB 07 15:12:23.5,1.9,37.22N,55.38E,0.03,h6km,4km,mb3.6/11,MS3.6/1, Error ellipse: s-maj=4.0km s-min=3.5km az=27.4

CSEM 07 15:12:24.0,0.1,36.88N,55.43E,h2km,mb3.9/6, Error ellipse: s-maj=4.0km s-min=3.4km az=30.0

TEH 07 15:12:25.8,36.89N,55.43E,h5km,ML3.9

MOS 07 15:12:23.5,1.9,37.22N,55.16E,h34km,mb4.0/7, Error ellipse: s-maj=12.7km s-min=9.0km az=114.5

ISC 07 15:12:23.5,1.1,36.86N,0.03,55.42E,0.03,h7km,8km,hr2,e198/108,mb3.5/11,13C-15D,Northern and central

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like IMND, IMND, IMND, etc.

Large table with columns: ILAS, IKRD, IPRN, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 07 15:58:22.7, 7.8, 18.01N, 145.50E, h304km, 32km, mb2.8/3, mb1 3.2/4, mb1mx2.6/46, mbtmp3.6/4, Error ellipse: s-maj=31.3km s-min=31.2km az=51.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr.

IDC 07 16:06:37.8, 2.1, 7.00S, 128.09E, h0km, mb3.1/1, mb1 3.8/4, mb1mx3.5/32, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=105.9km s-min=27.1km az=73.0, Banda

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

NEIC 07 16:11:14.2, 0.0, 41.37S, 174.16E, h38km, ML3.8(WEL), After WEL

NEIC Feit at Wellington, WEL 07 16:11:13.6, 41°S, 174°E, h38km, ML3.8/17, Cook Strait

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including Tuamarina, Warramunga Arr, Alice Springs, Makanchi Array, Wellington, Baring Head, D'Urville Isla, Nelson, Cape Campbell, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HIHZ Hauri, WAZ Waitaha Valley, WYV Waitaha Valley, etc.

ISN 07 16:16:01.1, 0.9, 32.73N, 46.86E, h26km, 6km, ML3.2, TEH 07 16:16:03.4, 32.84N, 46.81E, h10km, ML3.2

CSEM 07 16:16:04.9, 0.5, 32.74N, 46.75E, h30km, ML3.2, Error ellipse: s-maj=16.3km s-min=13.4km az=165.0

ISC 07 16:16:03.5, 2.1, 32.72N, 0.05, 46.78E, h23km, 22km, n16, c072/21, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IKOM Komasi, IGHG Galeghazi, NSR Nassiriya, etc.

IDC 07 16:29:26.5, 3.5, 2.04S, 139.45E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.5/23, mbtmp3.4/5, ML3.7/1, Error ellipse: s-maj=102.1km s-min=24.9km az=85.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

IDC 07 16:57:08.0, 4.8, 6.61S, 149.59E, h65km, 43km, mb3.5/3, mb1 3.7/5, mb1mx3.6/35, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=88.2km s-min=27.8km az=124.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, PETK Petropavlovsk.

ISN 07 16:57:22.7, 0.3, 38.37N, 43.56E, h0km, ML3.5, ISK 07 16:57:28.0, 38.69N, 43.57E, h6km, ML3.4

DDA 07 16:57:28.3, 38.70N, 43.58E, h16km, ML3.7, CSEM 07 16:57:30.8, 0.2, 38.76N, 43.43E, h10km, ML3.4, Error ellipse: s-maj=5.3km s-min=3.7km az=144.0

ISC 07 16:57:29.8, 0.9, 38.71N, 0.02, 43.54E, h10km, 6km, n89, c1576/136, 16°-92°, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VANB Van, TVAN Van, VMUR Van-Muradiye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DYDN Dyden, TUTA Tutak, TATA Tutak, etc.

IDC 07 17:14:34.7, 4.8, 36.73S, 178.23E, h120km, 37km, mb4.0/3, mb1 4.2/3, mb1mx3.5/33, mbtmp4.4/3, MS4.2/1, Ms1 4.2/1, ms1mx3.1/26, Error ellipse: s-maj=54.7km s-min=34.0km az=31.0

ISCJB 07 17:14:35.4, 0.7, 36.92S, 0.04, 177.98E, h154km, 4km, mb4.1/3, Error ellipse: s-maj=9.6km s-min=5.7km az=150.7

WEL 07 17:14:35.2, 37°S, 177°E, h133km, 6km, NEIC 07 17:14:36.5, 0.0, 36.70S, 177.86E, h118km, ML4.4(WEL), After WEL

ISC 07 17:14:36.9, 0.9, 36.97S, 0.04, 177.85E, h147km, 5km, n194, c2541/209, mb4.2/3, C, east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MXZ Matakaoa Point, WAZ Waitaha Valley, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Boulder Array, ARCS Array S, ARCS Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Lake Ozonia, Blacksburg, Binghamton, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC 07 17:45:02.0, 2.2, 18:37S, etc.

Table with columns: Station, Time, Pmax, P, Res. Includes stations like Froberisher Bay, Stebnicka Huta, KECS, etc.

IDC 07 18:00:55.0,4, 19.27N, 121.26E, h0km, mb4.4/31, mb1 4.5/33, mb1mx4.4/53, mbtmp4.4/33, ML4.1/2, MS3.9/14, Ms1 4.0/14, ms1mx3.8/41, Error ellipse: s-maj=14.9km s-min=11.3km az=83.0

MOS 07 18:00:57.8,0.9, 19.31N, 121.20E, h25km, mb4.9/41, Error ellipse: s-maj=8.4km s-min=4.9km az=103.3

ISCJB 07 18:00:59.0,1, 19.35N, 121.22E, 0.0, h32km, mb4.8/130, MS4.0/20, Error ellipse: s-maj=3.6km s-min=2.4km az=1.4

NEIC 07 18:00:58.6,0.9, 19.25N, 121.19E, h22km, mb5.0/85, Error ellipse: s-maj=3.7km s-min=2.6km az=99.0

GCMT 07 18:00:58.6,0.4, 19.42N, 120.84E, h32km, MW4.9/54, Moment Tensor Solution. s21, c28; s54, c71; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:2.15; 2.2; Mw:0.42; 1.3; Mb: -2.5; 1.4; Ms: -0.14; 1.7; Mbb: -0.53; 0.8; Mv: -1.68; 1.6; Best double couple: Mo:2.93900x10^16 NP1: 186.00000, 863.00000, 1.86.00000. NP2: 0.14.00000, 828.00000, 1.97.00000. Principal axes: T 2.6870, P1g72.0000, Azm88.0000. N 0.4990, P1g3.0000, Azm188.0000. P -3.1900, P1g7.0000, Azm273.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MAN 07 18:01:00.19, 29N, 121.25E, h13km, mb5.6, ML4.6, MS5.0

ISC 07 18:01:00.2, 0.2, 19.34N, 121.20E, 0.0, h32km, n360, s136/388, mb4.8/130, MS4.0/20, 24C-21D, Philippine Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Lists stations across the Philippines Islands region.

Table with columns: Station, Time, Pmax, P, Res. Lists stations across the Philippines Islands region.

Table with columns: Station, Time, Pmax, P, Res. Lists stations across the Philippines Islands region.

7d 18h

2025 JAN

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like ZALV, ASAR, BVAR, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like MCK, RCO1, RND, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like VRAC, BRG, BRG, etc.

IDC 07 18:14:33.1, 2.7565, 127.72E, h0km, mb3.3/1, mb1.6/3, mb1mx3.3/29, mb2mp3.4/3, ML3.8/2, Error ellipse: s-maj=285.0km s-min=31.3km az=64.0, Banda Sea

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

CSEM 07 18:19:47.0, 2.38776N, 43.366E, h15km, ML2.5, Error ellipse: s-maj=5.0km s-min=3.4km az=96.0 DDA 07 18:19:48.0, 38.76N, 43.33E, h7km, ML2.7 ISK 07 18:19:47.0, 38.76N, 43.35E, h14km, ML2.5 ISC 07 18:19:48.3, 1.3879N, 0.02, 43.31E, h2km, mb13km, n22, i129/40, Turkey

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

ISCJB 07 18:22:17.3, 0.63705S, 0.066166W, h0.2, h10km, mb5.0/36, MS4.7/3, Error ellipse: s-maj=11.0km s-min=6.7km az=142.7 IDC 07 18:22:17.0, 0.63705S, 0.066166W, h0km, mb4.3/7, mb1.4/5.8, mb1mx4.3/26, mb2mp4.3/8, ML4.4/4, MS4.8/4, Ms1.4/8, ms1mx4.3/23, Error ellipse: s-maj=39.6km s-min=17.7km az=20.0 GCMT 07 18:22:19.3, 0.63778S, 167.13W, h12km, MW5.2/73, Moment Tensor Solution, s48, c61, s73, c95, Duration: 0 Moment tensor: Scale: 1E5, Mw=1.55, 19: Mw=2.25, 18: Mw=5.42, 18: Mw=1.08, 47: Mw=0.53, 20: Mw=0.86, 51: Best double couple: Mw=5.3200, 1016 NP1=132.0000, 885.0000, -1.14.0000, NP2: 0.223.0000, 876.0000, -1.175.0000. Principal axes: T 4.010, Plg6.000, Azm178.000, N -1.7480, Plg75.000, Azm293.000, P -5.6630, Plg14.000, Azm86.000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. NEIC 07 18:22:19.3, 0.63705S, 166.85W, h10km, mb5.1/32 Error ellipse: s-maj=10.7km s-min=6.4km az=50.0 ISC 07 18:22:19.6, 0.4, 63.775S, 0.07, 167.02W, h0.09, h10km, n89,

1520/77, mb5.1/36, MS4.9/3, 1C-2D, Pacific-Antarctic Ridge

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

Table with columns: BRTR, Keskin Array B, 152.99 217, PKPbc, PKPbc, 18 42 15.2 -1.1. Includes stations like BR231 Keskin MP Arra, ES19 Sonseca Array, etc.

ISN 07 18:24:23.1±0.3, 38.34N±43.17E, h0km, ML3.6
ISK 07 18:24:24.0, 38.69N±43.20E, h3km, ML2.8
CSEM 07 18:24:25.0±0.2, 38.71N±43.17E, h2km, ML2.8, Error ellipse: s-maj=4.0km s-min=3.0km az=108.0

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

Table with columns: RAO, Raoul Island, 1.23 239, ePn, Pb, 18 38 35.2 +0.9. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

NEIC 07 18:37:59.0±0.0, 28.65S±175.94W, h15km, Moment Tensor Solution, s22 Moment tensor: Scale 10^17Nm;
GCMT 07 18:38:08.1±0.1, 28.61S±176.94W, h10km, mb5.7/273, MS5.3/138, MW5.7, Error ellipse: s-maj=4.5km s-min=2.7km az=159.0

7d 18h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (pmax, p, etc.). Includes stations like CN2, SURT, G06A, NKLL, etc.

2012 JAN

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (pmax, p, etc.). Includes stations like ENH, D08A, HVU, ANMO, E09A, etc.

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics (pmax, p, etc.). Includes stations like XAN, MHTCO, MSO, KMI, etc.

7d 18h

2012 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MDH Madha, HATD Hatta, ASHO Ashiyah, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NB200 NORSAR Array, NOA NORSAR Array, NBO02 NORSAR Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKSY AKSARAY - Altı, ANTO Ankara, ANTO Ankara, etc.

Table with columns: MORC, Moravsky Berou, 156.25 337, ePKIKP, PKP, 18 58 01.7 -0.5, etc.

Table with columns: ECH, Echery, 160.22 352, ePKP, PKP, 18 58 45.1 -2.3, etc.

Table with columns: comp=Z.989nm,19.0s, ESDC, Sonseca Array, 167.46 27, PKP, PKP, 18 58 15.2 +1.2, etc.

IDC 07 18:39:08.5: 1.6, 4.79S, 102.86E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/4.0, mbmtpp3.7/6, MS3.9/1, ms1mx3.0/4.0, Error ellipse: s-maj=66.7km s-min=25.5km az=51.0

ISCBJ 07 18:39:14.8: 0.8, 4.75S, 0.2, 103.0E, h0km, mb4.3/1.1, Error ellipse: s-maj=30.3km s-min=8.2km az=42.8

NEIC 07 18:39:16.4: 1.1, 4.70S, 102.97E, h59km, mb4.7/5, Error ellipse: s-maj=23.8km s-min=7.1km az=224.0

ISC 07 18:39:17.0: 1.0, 4.65S, 0.2, 103.1E, h0km, mb3.0/3.1, Southern Sumatra

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, etc.

7d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PRAC Prado, CHIC Chingaza, ULM Lac du Bonnet, YKA Yellowknife Ar, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 07 19:34:18.0,337.0,38.91N-72.86W, h0km, Error ellipse: s-maj=152.7km s-min=126.8km az=63.0, Off east coast of United States

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like I51GB BERMUDA INFRAS, I10CA LAC DU BONNET, I42PT GRACIOSA ISLAN.

SOME 07 19:49:32.9, 43.25°N, 80.77°E, h20km
KRNET 07 19:49:33.4, 0.1, 43.40°N, 80.66°E, mb2.9
NNC 07 19:49:34.2, 4.3, 43°N, 80.61°E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=34.7km s-min=8.3km az=156.0

ISC 07 19:49:34.3, 1.9, 43.35°N, 0.06, 80.70°E, 0.07, h4km, 10km, n31, r1908/50, 29C-13D, Kazakhstan-Xinjiang border region

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KTMS Ketmen, PDGK Podgornoye, DJR Jarkent, SATY Saty, KURS Kuram, PRZ Przhval'sk, KAPS Kapalarasan, TDK Taldyqorghhan, MDOK Medeo, KNDC Almaty, TNSS Tian-Shan, ULHL Ulahoi, DGS Degeres, BOOM Boomsokoye usch, MK31 Makanchi Array, TKM2 Tokmak 2, NRN Naryn, KZA Kyzart, KBK Karagaybulak, CHMS Chumysh, USP Oспенovka, AAK Ala-Archa, UCH Uchtoir, MNAS Manas, SFK Sufi-Kurgan, KURBB Kurchatov Arra, KK31 Karatay Array.

NIED 07 19:52:00, 24.00°N, 122.60°E, h29km, Mw4.0 Best double couple: Mo:1.01000x10^19 NP1:0.25100000, 0.19.00000, 1.94.00000, NP2:0.06700000, 0.71.00000, 1.89.00000, ISCJB 07 19:52:26.2, 0.4, 23.86°N, 0.02, 122.70°E, 0.01, h15km, 4km, mb3.77, Error ellipse: s-maj=4.1km s-min=2.0km az=166.7
TAP 07 19:52:26.4, 23.95°N, 122.76°E, h43km, 1km, ML4.2, D
JMA 07 19:52:27.2, 0.2, 23.97°N, 122.64°E, h30km, 4km, M3.5
IDC 07 19:52:29.3, 5.7, 24.16°N, 122.91°E, h51km, 54km, mb3.5/7, mb1.3.6/8, mb1mx3.3/55, mbtpm3.7/8, ML3.1/1, Error ellipse: s-maj=42.8km s-min=16.9km az=67.0
ISC 07 19:52:26.8, 1.0, 23.90°N, 0.03, 122.67°E, 0.02, h28km, 8km, n81, r141/133, mb3.7/7, 2C, Taiwan region

2012 JAN

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JYNG Yonagunijimaku, YJYJ Yonaguni jima, ENAH Nanao, ENAH Hwalien, ENLH Shouteng, ENLH Nanau, ENA Nanau, TWD Chiawan, HATJ Hateruma jima, HATJ Iriomote-Funau, IRII Shilin, ESL Shilin, EGS Ilan, ILA Ilan, ILA Toucheng, NTC Neicheng, TWE Neicheng, ENT Nioudou, ENTT Nioudou, JKRK Kuro-shima, JKRK Santiao Chiao, NNSH Datong, NNSH Hungye, EHY Nan Shan, NNS Shuangxi, TIPB Yul, TWF1 Yul, TWF1 Tachien, JIJ Ishigaki jima, NWF Wu-fen Shan, NWF Chengkung, CHKT Fuli, FULB Taipei, DPDB Guoxing, YM10 YM10, SMLT Sun Moon Lake, YUS Yu-Shan, YUS YM03, JISG Ishigakijimah, TWS1 Kuangyinsinshan, TYC Yuch, ELDTW Lidau, ELDTW Emei, NCUH Zhongli, ALS Alshan, ALS Zhushan, WJS Zhushan, NSY Sanyi, WNT Mingjian, WNT Pinglang, TWG Pinglang, NMLH Mitaoli, TCU Taichung, CHNS Tsauling, CHNS Yuanli, STYT Tauyuan, STYT Gukung, WCHH Zhanghua, WGW Gukung, WGW Douli, WDLH Douli.

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Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CHN4 Tsauhsan, CHN4 Taichung, JTJ Taichung, WTP Ta-pu, WTP Taichung, ECL Taimali, CHN2 Minshiang, CHN2 Jiahsian, SGST Jiahsian, CHN1 Nanshi, CHN1 Chiayi, CHY Chiayi, WTCT Taichung, WTCT Anshou, EAST Anshou, WSF Sshu, WSF Shinhua, CHN3 Shinhua, TWMI Shoushan, TWMI Jiali, SCLT Jiali, SCLT Fangliu, JIRB Irabujima, JMJ Miyako jima 2, JKM Ikemajima, JKM Hengchun, TWK1 Hengchun, JOGS Gusukube, KRSR Korea Array, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, GEYT Yellowknife Ar, FINES FINESSE Array B, YKA Yellowknife Ar.

MEX 07 19:56:18.8, 0.5, 19.05°N, 104.84°W, h10km, 1.4km, MD3.9, Near coast of Jalisco

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CJM Chabela, R15V R15V, EZSV EZSV, MMIG Aquila, SFJM Santa Fe, ZIIG Zihuatanejo, ARIG Puente Sto Nin.

IDC 07 19:59:15.2, 0.7, 5.28°S, 151.96°E, h0km, mb4.2/15, mb1.4.4/17, mb1mx4.2/35, mbtmp4.2/17, ML3.0/2, MS3.5/2, Ms1.3.5/2, ms1mx2.9/35, Error ellipse: s-maj=25.1km s-min=14.9km az=117.0
ISCJB 07 19:59:19.0, 0.4, 5.38°S, 0.05, 151.92°E, 0.08, h45km, mb4.5/34, MS4.2/2, Error ellipse: s-maj=11.7km s-min=5.1km az=23.0
NEIC 07 19:59:23.0, 0.9, 5.33°S, 151.88°E, h60km, 8km, mb4.6/19, Error ellipse: s-maj=10.1km s-min=5.9km az=112.0
ISC 07 19:59:21.3, 0.5, 5.39°S, 0.07, 151.95°E, 0.10, h45km, n95, r137/94, mb4.5/33, 1D, New Britain region

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, PMG Coen, CTA Charters Tower, FAKI Fak Fak, EIDS Eidsvold, MTN Manton Dam, WRC3 Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, ARMA Armidale, ASO1 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, SOEI Soe, STKA Stephens Creek, STKA Stephens Creek.

7d 22h

2012 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JIRN, PDGK, GUN, PKI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KIEV, RCWM, CTU, PDAR, etc.

JMA 07 21:46:01.2, 0.5, 21:55N, 121:52E, h16km, M4.3
ISCJB 07 21:46:02.4, 0.9, 21:30N, 121:63E, 0.03, h15km, 6km, mb3.3/6, Error ellipse: s-maj=7.4km s-min=4.8km az=171.7

TAP 07 21:46:03.7, 21:56N, 121:40E, h45km, ML3.8, D
IDC 07 21:46:14.0, 0.8, 21:31N, 121:80E, h133km, 87m, mb3.0/7, mb1.3/1.8, mb1.2/9.41, mbtmtp.3/4.8, MS2.7/1.1, ms1mx2.4/1.1, Error ellipse: s-maj=26.6km s-min=16.9km az=67.0

ISC 07 21:46:01.6, 1.7, 21:51N, 121:55E, 0.04, h7km, 10km, n52, 0.1955/66, mb3.3/6, 1D, Taiwan region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LAY, TSEB, TSKT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H11S3, H11S1, H11S2, etc.

ISCJB 07 21:54:34.9, 0.4, 38:87N, 0:02:27.16E, 0:02, h5km, 4km, Error ellipse: s-maj=4.0km s-min=2.6km az=148.8
DDA 07 21:54:34.6, 38:88N, 27:16E, h7km, ML2.9
ISK 07 21:54:34.0, 38:88N, 27:16E, h6km, ML2.9
CSEM 07 21:54:35.1, 0.1, 38:86N, 27:16E, h10km, ML2.9, Error ellipse: s-maj=2.4km s-min=1.5km az=153.0
ATH 07 21:54:35.9, 38:85N, 27:11E, h10km, 7km, ML1.9/3, Error ellipse: s-maj=7.4km s-min=1.2km az=246.0
ISC 07 21:54:35.1, 1.0, 38:87N, 0:02:27.16E, 0:02, h10km, 9km, n44, 0.041/73, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CAND, FOCM, AKS, etc.

ISCJB 07 22:12:22.8, 0.5, 21:14S, 0:09:178:01W, 0:09, h400km, mb4.2/29, Error ellipse: s-maj=14.9km s-min=7.4km

NEIC 07 22:12:23.5, 1.5, 21:31S, 178:20W, h374km, 16km, mb4.4/20, Error ellipse: s-maj=20.6km s-min=11.9km az=145.0

IDC 07 22:12:25.7, 2.1, 21:30S, 177:91W, h428km, 22km, mb3.6/11, mb1.3/8.14, mb1mx3.6/32, mbtmtp4.5/14, Error ellipse: s-maj=23.1km s-min=14.4km az=144.0

ISC 07 22:12:24.2, 0.6, 21:1S, 0:1x177.96W, 0:10, h400km, n63, 0.1993/66, mb4.2/29, 1C, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AFI, DZM, URZ, etc.

7d 23h

Table with columns: TUTA, TUTA Tutak, TUTA, AGRB Hanur-Agry, AGRB Hanur-Agry. Values include 0.77 337 P, 0.90 350 ePg, 0.90 350 ePg.

CSEM 07 23:35:45.6:0.2, 38.95N-21.81E, h8km, ML2.3, Error ellipse: s-maj=3.3km s-min=2.6km az=120.0

ATH 07 23:35:45.9, 38.96N-21.83E, h6km, ML2.3/10, Error ellipse: s-maj=2.6km s-min=0.8km az=251.0

THE 07 23:35:46.2, 38.95N-21.81E, h5km, ML2.4/10, Error ellipse: s-maj=1.9km s-min=0.6km az=208.0, Greece

Main table for Greece region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Evrytania, Paravola, Agios Georgios, Efpalio, etc.

CSEM 07 23:42:10.9:0.2, 38.65N-43.19E, h20km, ML2.4, Error ellipse: s-maj=6.3km s-min=4.5km az=103.0

ISKB 07 23:42:11.0, 38.66N-43.14E, h14km, ML2.4, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

DDA 07 23:42:11.5, 38.67N-43.18E, h7km, ML2.7, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

ISC 07 23:42:10.9:1.2, 38.66N-0.03:43.18E:0.04, h14km, gkm, n18, c053/34, Turkey

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

CSEM 07 23:42:10.9:0.2, 38.65N-43.19E, h20km, ML2.4, Error ellipse: s-maj=6.3km s-min=4.5km az=103.0

2021 JAN

Table with columns: TVAN Van, GEVA Gevas, VMUR Van-Muradiye, CLDR Caldiran, etc. Values include 0.22 126 P, 0.36 195 iP, etc.

ATH 07 23:46:02.6, 35.95N-17.11E, h18km, 3km, ML2.7/5, Error ellipse: s-maj=5.1km s-min=1.3km az=143.0

ISCJBJ 07 23:46:03.2:0.9, 35.93N-17.04:27.13E:0.04, h7km, 7km, Error ellipse: s-maj=7.5km s-min=3.8km az=138.8

CSEM 07 23:46:03.0:4.0, 1.35:94N-27.14E, h5km, ML3.2, Error ellipse: s-maj=3.3km s-min=2.1km az=127.0

ISKB 07 23:46:03.0, 35.93N-17.18E, h10km, ML3.2, Error ellipse: s-maj=3.3km s-min=2.1km az=127.0

DDA 07 23:46:03.1, 36.04N-27.21E, h43km, Mds.3, Error ellipse: s-maj=3.3km s-min=2.1km az=127.0

ISC 07 23:46:03.9:0.9, 35.86N-17.03:27.25E:0.03, h27km, gkm, n42, c169/66, Dodecanese Island, Turkey

Main table for Turkey region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

ISK 07 23:50:39.0, 38.76N-43.12E, h7km, ML2.7, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

ISCJBJ 07 23:50:40.4:0.5, 38.76N-0.02:43.10E:0.04, h5km, 8km, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

CSEM 07 23:50:40.2:0.2, 38.74N-43.12E, h8km, ML2.7, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

DDA 07 23:50:40.1, 38.73N-43.13E, h7km, ML3.3, Error ellipse: s-maj=4.4km s-min=3.7km az=111.0

ISC 07 23:50:40.2:1.0, 38.74N-0.02:43.13E:0.02, h10km, gkm, n33, c073/56, Turkey

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

CSEM 07 23:42:10.9:0.2, 38.65N-43.19E, h20km, ML2.4, Error ellipse: s-maj=6.3km s-min=4.5km az=103.0

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Table with columns: TUTA Tutak, TUTA Tutak, CALDIRAN Caldiran, etc. Values include 0.71 340 iP, 0.74 56 PG, etc.

IGIL 07 23:50:50.9, 37.17N-13.80W, h1km, Error ellipse: s-maj=8.5km s-min=4.6km az=174.0, PRXIMO SOLLUCIN POBRE

INMG 07 23:50:52.0:2.0, 37.07N-14.13W, h10km, ML2.1, Error ellipse: s-maj=5.0km s-min=4.4km az=146.0

CSEM 07 23:50:53.8:0.3, 37.33N-13.47W, h10km, mb3.8, Error ellipse: s-maj=6.0km s-min=5.0km az=172.0

ISC 07 23:50:51.9:3.8, 37.30N-13.16W:0.2, h10km, n59, c081/112, Azores-Cape St. Vincent Ridge

Main table for Azores region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMAFR Mafru, PMAFR Mafru, etc.

CSEM 07 23:42:10.9:0.2, 38.65N-43.19E, h20km, ML2.4, Error ellipse: s-maj=6.3km s-min=4.5km az=103.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PBAR Barrancos, PMRV Marv??o, EBAD Badajoz, etc.

NIED 07 23:52:00.35;70N;141.00E,h14km,Mw4.0 Best double couple: M0.85000;1014 N1.035;359.000;0;843.00000;...
IDC 07 23:52:24.8;0.8,35;50N;140;89E,h0km,mb3.8/9, mb1 3.9/12,mb1mx3.7/49,mbimp3.7/12,ML3.1/3,MS2.8/3, Ms1 2.8/3,ms1mx2.6/45,Error ellipse: s-maj=19.7km s-min=18.3km az=58.0
ISCJB 07 23:52:26.1;0.6,35;65N;140;91E;0.06,h17km;4km, mb3.8/11,M2.9/2,Error ellipse: s-maj=8.4km s-min=5.4km az=1.5
JMA 07 23:52:26.7;0.1,35;66N;140;86E,h15km;1km,M3.9 Broadband fault plane solution: P waves. NP1: 0.186,0.00000;852.00000;lambda=105.00000; NP2: 0.29,0.00000;640.00000;lambda=72.00000; Principal axes: T Plg6.00000; Azm286.00000; N Plg12.00000; Azm195.00000; P Plg77.00000; Azm42.00000;
NEIC 07 23:52:30.1;0.8,35;59N;140;82E,h35km,mb4.2/2 Error ellipse: s-maj=17.6km s-min=11.1km az=179.0
NEIC Recorded [2] JMA in China
ISC 07 23:52:36.2;1.2,35;58N;140;87E;0.06,h8km;7km, m34;=1507/33,mb3.8/11,7C-1D,Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHOU Chosi, KTR Katsura, BSO4 Boso 4, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PHP Bajram Curri, BCI BCI, TIR Tirane, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAMN Ramite, JIRN Jiri, GUN Gumbi, etc.

IDC 08 00:20:47.4;0.8,52;09N;171;72W,h0km,mb3.9/8, mb1 4.1/9,mb1mx3.6/54,mbtmp3.8/9,ML3.1/1,MS4.3/1, Ms1 4.3/1,ms1mx2.7/41,Error ellipse: s-maj=36.5km s-min=18.2km az=156.0
ISCJ 08 00:20:52.8;0.9,52;1N;0;1;171;63W;0.07,h51km;8km, mb3.8/8,MS4.2/1,Error ellipse: s-maj=24.5km s-min=4.1km az=164.9
NEIC 08 00:20:52.9;0.0,52;13N;171;63W,h42km,ML3.5(AEIC), After AEIC.
ISC 08 00:20:53.7;1.9,52;1N;0;2;171;63W;0.06,h44km;18km, m33;=0911/33,mb3.9/8,Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOFF Korovin Flat P, KOKV Korovin Volcan, etc.

ISK 08 00:23:44.1,38;78N;43;51E,h21km,ML2.0
ISCJ 08 00:23:45.6;1.4,38;79N;0;04;43;53E;0.08,h26km;11km, Error ellipse: s-maj=10.1km s-min=6.2km az=15.4
CSEM 08 00:23:45.3;0.2,38;79N;43;54E,h20km,ML2.5,Error ellipse: s-maj=7.2km s-min=4.7km az=106.0
DDA 08 00:23:46.2,38;80N;43;47E,h7km,ML2.5
ISC 08 00:23:45.6;1.1,38;81N;0;03;43;51E;0.04,h23km;7km, n15;=095/29,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VMUR Van-Muradiye, ERV ERV, etc.

ISCJB 08 00:26:18.9;0.5,51;9N;0;1;95;82E;0.08,h10km,mb3.6/6, MS3.5/2,Error ellipse: s-maj=16.3km s-min=6.6km az=174.4
MOS 08 00:26:19.7;1.8,51;95N;95;77E,h15km,mb4.2/4,Error ellipse: s-maj=18.4km s-min=11.5km az=172.5

IDC 08 00:26:19.2.0.9.51:89N:96.01E, h0km, mb3.7/5, mb1 3.6/8, mb1mx3.4/3, mbtmp3.4/8, ML2 6.3/MS3.5/2, Ms1 3.6/2, ms1mx2.6/46, Error ellipse: s-maj=23.7km s-min=13.6km az=5.0

ISC 08 00:26:20.0.0.7.52:05N:101.95:93E:0.06, h10km, n31, o1567/27, mb3.7/6, 4C-5Z, Southwest Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like Khovu-Aksy, Arshan, Arsal, etc.

IDC 08 00:34:35.4.10.0.2:01N:95:58E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.4/4, mbtmp3.8/4, ML4.5/1, Error ellipse: s-maj=219.6km s-min=115.1km az=145.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Chiang Mai Arr, Diego Garcia H, etc.

ISC/BJ 08 00:35:51.7.0.5, 17.92S:0.03:178.56W:0.03, h57km, 5km, mb5.0/118, Error ellipse: s-maj=5.2km s-min=3.4km az=42.1

MOS 08 00:35:51.5.0.9, 17:86Sx178:56W, h550km, mb5.1/16, Error ellipse: s-maj=9.7km s-min=6.9km az=48.3

GCMT 08 00:35:52.6.0.5, 17:90S:178:51W, h544km, 3km, MW3:353, Moment Tensor Solution, s53.675, Duration: 1s1, Moment tensor: Scale: 101Nm; M-1.0E:0.4; Mw=0.85+0.6; Best double couple: M1:29100x1017 NP1:328.00000, 87.00000, -53.00000. NP2: 61.00000, 837.00000, -175.00000. Principal axes: T: 1.3320, P1g32.0000, Azm27.0000; N: -0.0810, P1g37.0000, Azm146.0000; P: -1.2510, P1g37.0000, Azm270.0000; nst1 refers to body waves, cutoff=40s

NEIC 08 00:35:52.5.0.4, 17:90S:178:54W, h545km, 5km, mb5.2/86 Error ellipse: s-maj=4.3km s-min=2.8km az=134.0

BJI 08 00:35:52.7, 17:55S:178:74W, h549km, mb4.6/33, mb5.0/24

IDC 08 00:35:53.6.0.5, 17:99S:178:51W, h571km, 5km, mb4.2/27, mb1 4.3/29, mb1mx4.3/36, mbtmp5.1/29, Error ellipse: s-maj=10.8km s-min=7.1km az=139.0

WEL 08 00:36:01.0.1.6, 18:5S:167:19W:7.4, h598km, 27km

ISC 08 00:35:53.4.0.4, 17:99S:0.04:178:43W:0.05, h572km, 4km, h572km:pp-P, n564, o1935/595, mb5.0/119, 23C-18D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Afiamalu, Funafuti, Raoul Island, etc.

Main table with columns: RAO, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations including Raoul Island, Green Lake, Kanton, etc.

Main table with columns: MLH, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations including Mauna Loa, Steaming Bluff, etc.

2025 JAN

Table with columns: ID, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values. Includes stations like Van Buren, Derby Farms, Oak Wood Farm, etc.

Table with columns: KHC, KHC, BCLA, GERES, etc. and various numerical values. Includes stations like Kasperseke Hory, Kasperseke Hory, Clavier, etc.

Table with columns: TVAN, TVAN, VMUR, VMUR, etc. and various numerical values. Includes stations like Van, Van-Muradiye, Van-Muradiye, etc.

8d 3h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists various stations and their associated data points.

2012 JAN

Main data table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains the majority of the station data.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations and their data, including some with negative time values.

Summary text at the bottom of the page, including station codes like CSEM, ROM, and various station names and coordinates.

Table with columns: Code, Station Name, Az, El, Pn, Pn, 03 35 01.5 -0.6, 03 35 11.4 +0.2, etc. Includes stations like TEKS, BRTR, UDBI, MMAI, etc.

IDC 08 04:30:50.12.2.1, 7.02S, 129.47E, h0km, mb3.6/1, mb1 3.5/4, mb1mx3.4/26, mb2P3.4/4, ML3.2/3, Error ellipse: s-maj=84.5km s-min=27.8km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, El, Pn, Pn, 03 55 31.8 -0.5, 03 54 06.3 -0.4, etc. Includes stations like FITZ, WRA, ASAR, MKAR, etc.

ISK 08 04:34:19.1, 37.49N, 27.52E, h5km, ML2.4, ISCJB 08 04:34:21.0, 0.6, 37.48N, 0.03, 27.50E, 0.05, h6km, gkm, Error ellipse: s-maj=6.3km s-min=5.3km az=23.5, CSEM 08 04:34:20.9, 0.1, 37.49N, 27.48E, h8km, ML2.4, Error ellipse: s-maj=2.8km s-min=2.0km az=113.0, DDA 08 04:34:20.6, 37.48N, 27.49E, h4km, ML2.9, ISC 08 04:34:21.1, 0.1, 37.49N, 0.03, 27.48E, 0.03, h11km, 1.1km, n15, c0538/27, Turkey

Table with columns: Code, Station Name, Az, El, Pn, Pn, 04 34 25.4 -0.3, 04 34 29.4 +0.5, etc. Includes stations like DIDI, GCAM, AYDN, BDRM, etc.

NIED 08 04:41:00.38, 60N, 141.90E, h47km, Mw4.2, Best double couple: M02.08000, 1.015, NP1a=188.00000, 0.260000, 1.44, 00000, NP2a=57.00000, 0.8720000, 0.109, 00000, MOS 08 04:41:18.9, 1.1, 38.75N, 141.97E, h50km, mb4.6/32, Error ellipse: s-maj=7.7km s-min=4.9km az=92.5, ISCJB 08 04:41:18.7, 0.5, 38.65N, 0.03, 141.99E, 0.05, h53km, 3km, mb4.3/60, MS4.2/1, Error ellipse: s-maj=7.3km s-min=3.9km az=31.3, NEIC 08 04:41:19.6, 0.7, 38.67N, 141.92E, h42km, 5km, mb4.4/18, Error ellipse: s-maj=6.4km s-min=4.3km az=138.0, NEIC Recorded [2 JMA] in Iwate and Miyagi, JMA 08 04:41:20.1, 38.63N, 141.93E, h48km, 1km, M4.1, JMA Feil II J1, IDC 08 04:41:21.6, 1.8, 38.65N, 141.86E, h60km, 16km, mb3.9/29, mb1 4.0/34, mb1mx4.0/60, mbtmp4.2/34, MS2.9/3, Ms1 2.9/3, ms1mx2.8/30, Error ellipse: s-maj=14.1km s-min=12.6km az=130.0, ISC 08 04:41:20.4, 0.7, 38.62N, 0.04, 142.01E, 0.05, h54km, 5km, n142, c1560/162, mb4.3/60, 8C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Pn, Pn, 04 41 31.3 -0.9, 04 41 39.0 -1.8, etc. Includes stations like OFUJ, OJUU, OJOU, etc.

Main table with columns: Code, Station Name, Az, El, Pn, Pn, 04 42 39.1 -0.5, 04 42 43.6 +0.2, etc. Includes stations like ASAJ, ASAJ, ASAJ, etc.

Table with columns: Code, Station Name, Az, El, Pn, Pn, 04 50 07.9 -0.4, 04 50 09.8 -0.8, etc. Includes stations like BRVK, BRVK, AAK, AAK, etc.

ISCJB 08 04:42:54.7, 0.6, 36.3N, 0.1, 148.21E, 0.07, h10km, mb3.5/3,

Error ellipse: s-maj=15.5km s-min=7.4km az=8.1
CSEM 08 04:42:54.4, 36.34N-8.20E, h0km, ML3.8
IDC 08 04:42:54.3, 31.46E, h0km, mb3.3/5, mb1.3/4.6,
m=1mx3.2/48, mbtmp3.4/6, ML4.4/1, Error ellipse:
s-maj=23.9km s-min=14.1km az=31.0
CRAAG 08 04:42:54.4, 36.34N-8.20E, M3.8
ISG 08 04:42:55.0, 8.3622N, 0.1807E, 0.05, h10km, n19,
r135/17, mb3.5/4, Tunisia

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Includes stations like ABSA Djebel Ababasia, ABSA Djebel Ababasia, CMAH Djebel Manchou, etc.

DDA 08 04:48:26.9, 35.86N-27.13E, h25km, M3.7
MOS 08 04:48:26.2, 1.5, 35.78N-27.29E, h12km, mb4.4/30, Error
ellipse: s-maj=5.9km s-min=4.1km az=96.0
ISK 08 04:48:28.1, 35.84N-27.13E, h28km, ML3.6
ATH 08 04:48:28.1, 35.89N-27.20E, h27km, 1km, ML3.9/15, Error
ellipse: s-maj=1.4km s-min=0.8km az=118.0
ISCJB 08 04:48:28.0, 2, 35.75N-0.02-27.32E, 0.01, h41km, 3km,
mb4.1/40, MS3.2/2, Error ellipse: s-maj=2.7km
s-min=1.9km az=16.8
HLW 08 04:48:28.0, 35.81N-27.61E, h13km, 7km, Md4.6, M4.6
IDC 08 04:48:28.4, 3, 35.95N-27.19E, h18km, 23km, mb4.0/24,
mb1.4, 0/29, mb1mx3.9/1, mbtmp4.1/29, ML3.6/5, MS3.3/3,
ms1.3/3.3, ms1mx2.7/43, Error ellipse: s-maj=15.5km
s-min=10.2km az=160.0
NEIC 08 04:48:29.4, 0.0, 35.89N-27.21E, h5km, mb4.0/6,
ML3.8(7E), After THE.

CSEM 08 04:48:29.3, 0.1, 35.83N-27.25E, h20km, mb4.3/27, Error
ellipse: s-maj=4.0km s-min=2.7km az=168.0
THE 08 04:48:29.4, 35.89N-27.21E, h5km, 1km, ML3.8/23, Error
ellipse: s-maj=1.3km s-min=0.4km az=120.0
GII 08 04:48:29.7, 0.0, 35.50N-27.65E, h5km

ISC 08 04:48:29.7, 0.1, 35.81N-0.02-27.27E, 0.02, h29km, 5km,
n350, r167/447, mb4.2/39, 19C-6D, Dodecanese Islands

Main table of station data for the left column, including stations like KARP Karpathos, ARG Arkhangelos, DATC Dataca-Mugla, etc.

Main table of station data for the middle column, including stations like LAST Lasithi, CMBO Columbo, Santo, APE Apeiranthos, etc.

Main table of station data for the right column, including stations like KORT Korkuelli, GVD Gavdhos, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Muntele Rosu, Moldovita, Castrovucco, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tamnarrasset, Saint Martin d, Gorrion, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, SONM, SONM1, GEYT, GEYT1, KURBB, KURBB1, ZALV, WRA, WRA1, ASAR, ASAR1, BRTR, FINES, FINES1, GERES, GERES1, TORD, TORD1.

ISC/JB 08 06:20:03.0, 0.7, 42.15N, 0.02:87.40E, 0.02, h4km, 4km, mb4.9/217, MS4.2/48, Error ellipse: s-maj=2.8km s-min=2.5km az=30.8
IDC 08 06:20:03.7, 0.3, 42.18N, 87.49E, h0km, mb4.8/62, mb1.4/8/68, mb1mx4.8/87, mbmp4.8/68, ML4.4/5, MS4.1/37, Ms1.4/1/37, ms1mx3.9/75, Error ellipse: s-maj=9.2km s-min=6.6km az=18.0
BUJ 08 06:20:05.0, 42.10N, 87.50E, h7km, mb4.7/61, mb5.0/44, ML5.2/9, Ms5.0/71, Ms7.4/780
GCMT 08 06:20:06.4, 0.3, 42.13N, 87.52E, h23km, MW4.9/69, Moment Tensor Solution. s27.632; s69.100; Duration: 0. Moment tensor. Scale 10^16Nm; Mr:2.71±.18; Mw:1.54±.11; Mw:1.17±.11; Mw:0.46±.15; Mw:1.47±.06; Mw:0.52±.15; Best double couple: Mu:258000.1016 NP1:313.00000; s38.00000; s92.00000; s92.00000. NP2: 0±130.00000; s38.00000; s87.00000. Principal axes: T 2.7960, Plg83.0000, Azm235.0000; N 0.1240, Plg2.0000, Azm132.0000; P -2.9200, Plg7.0000, Azm42.0000; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s
MOS 08 06:20:06.8, 1.1, 42.20N, 87.36E, h29km, mb5.1/95, MS4.2/18, Error ellipse: s-maj=5.3km s-min=3.4km az=128.5
NEIC 08 06:20:06.4, 0.1, 42.20N, 87.47E, mb5.0/57, Error ellipse: s-maj=3.9km s-min=2.8km az=203.0
NNC 08 06:20:07.1±2.8, 42.08N, 87.66E, h130km±28km, mb4.5, mpv5.1, Error ellipse: s-maj=30.4km s-min=10.4km az=117.0
ISC 08 06:20:06.9, 0.3, 42.14N, 0.03:87.31E, 0.03, h16km±1km, h16km; p-P, n590, c177768, mb5.0/222, MS4.2/49, 37C-43D, Northern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMQ, MK01, MK31, MK311, MK312, MKAR, MKAR1, MKAR2, PDGK, PDGK1, PDGK2, MAK2, MAK21, MAK22, MAK23, MAK24, MAK25, MAK26, MAK27, MAK28, MAK29, MAK30, MAK31, MAK32, MAK33, MAK34, MAK35, MAK36, MAK37, MAK38, MAK39, MAK40, MAK41, MAK42, MAK43, MAK44, MAK45, MAK46, MAK47, MAK48, MAK49, MAK50, MAK51, MAK52, MAK53, MAK54, MAK55, MAK56, MAK57, MAK58, MAK59, MAK60, MAK61, MAK62, MAK63, MAK64, MAK65, MAK66, MAK67, MAK68, MAK69, MAK70, MAK71, MAK72, MAK73, MAK74, MAK75, MAK76, MAK77, MAK78, MAK79, MAK80, MAK81, MAK82, MAK83, MAK84, MAK85, MAK86, MAK87, MAK88, MAK89, MAK90, MAK91, MAK92, MAK93, MAK94, MAK95, MAK96, MAK97, MAK98, MAK99, MAK100.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, AAK1, AAK2, AAK3, AAK4, AAK5, AAK6, AAK7, AAK8, AAK9, AAK10, AAK11, AAK12, AAK13, AAK14, AAK15, AAK16, AAK17, AAK18, AAK19, AAK20, AAK21, AAK22, AAK23, AAK24, AAK25, AAK26, AAK27, AAK28, AAK29, AAK30, AAK31, AAK32, AAK33, AAK34, AAK35, AAK36, AAK37, AAK38, AAK39, AAK40, AAK41, AAK42, AAK43, AAK44, AAK45, AAK46, AAK47, AAK48, AAK49, AAK50, AAK51, AAK52, AAK53, AAK54, AAK55, AAK56, AAK57, AAK58, AAK59, AAK60, AAK61, AAK62, AAK63, AAK64, AAK65, AAK66, AAK67, AAK68, AAK69, AAK70, AAK71, AAK72, AAK73, AAK74, AAK75, AAK76, AAK77, AAK78, AAK79, AAK80, AAK81, AAK82, AAK83, AAK84, AAK85, AAK86, AAK87, AAK88, AAK89, AAK90, AAK91, AAK92, AAK93, AAK94, AAK95, AAK96, AAK97, AAK98, AAK99, AAK100.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DMN, PKIN, PKI, SONM, SONM1, KOLN, TLY, TLY1, TLY2, TLY3, TLY4, TLY5, TLY6, TLY7, TLY8, TLY9, TLY10, TLY11, TLY12, TLY13, TLY14, TLY15, TLY16, TLY17, TLY18, TLY19, TLY20, TLY21, TLY22, TLY23, TLY24, TLY25, TLY26, TLY27, TLY28, TLY29, TLY30, TLY31, TLY32, TLY33, TLY34, TLY35, TLY36, TLY37, TLY38, TLY39, TLY40, TLY41, TLY42, TLY43, TLY44, TLY45, TLY46, TLY47, TLY48, TLY49, TLY50, TLY51, TLY52, TLY53, TLY54, TLY55, TLY56, TLY57, TLY58, TLY59, TLY60, TLY61, TLY62, TLY63, TLY64, TLY65, TLY66, TLY67, TLY68, TLY69, TLY70, TLY71, TLY72, TLY73, TLY74, TLY75, TLY76, TLY77, TLY78, TLY79, TLY80, TLY81, TLY82, TLY83, TLY84, TLY85, TLY86, TLY87, TLY88, TLY89, TLY90, TLY91, TLY92, TLY93, TLY94, TLY95, TLY96, TLY97, TLY98, TLY99, TLY100.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, MA2 Carcaliu, SEY Seymchan, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VRAC Vranov, DRAC Davao City, GOCOP Panska Ves, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EKA Eskdalemuir, SSF Saint Sauge, GWF Charnock Fore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like COEN Coen, TOAD Torodi Ar. Sit, TORO Torodi Ar. Bea, ASAR Alice Springs, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG luzhny, IUG Merka, MRKS 2.9m,0.4s, MRKS 27m,0.3s, etc.

IDC 08 06:37:53.4:2.5, 54:29N:85:94E, h0km, mb1 2.8/2, mb1mx2.7/89, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=18.6km s-min=10.9km az=52.0, Southwest Siberia

IDC 08 06:47:31.0:0.0, 5:62:54N:145:85W, h0km, mb3.8/22, mb1 4.0/25, mb1mx3.8/78, mbtmp3.9/25, ML3.4/3, MS3.6/10, Ms1 3.6/10, ms1mx3.3/51, Error ellipse: s-maj=13.8km

ISC/JB 08 06:47:32.3:0.3, 62:26N:0:02, 145:65W:0:04, h26km, 3km, s-min=2.7km az=31.1

PGC 08 06:47:32.1:1.2, 62:22N:145:75W, h12km, ML4.2, ML4.2/3, 125km Nne of Valdez, Ak Central Alaska

NEIC 08 06:47:33.0:0.0, 62:25N:145:67W, h13km, mb4.0/2, ML4.0(AEIC), After AEIC

NEIC Felt [V] at Glennallen, [IV] at Gakona and [II] at Copper Center. Also felt at Eagle River.

ISC 08 06:37:02.3:0.9, 62:24N:0:02, 145:74W:0:02, h15km, 6km, n150, s157/146, mb3.9/24, MS3.6/7, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PS11 TAPS Pump St11, HARP HAARP, HARP HAARP, PAX PAXSON, etc.

IDC 08 06:36:01.2:4.2, 7:73S:118:58E, h0km, mb3.5/2, mb1 3.5/4, mb1mx3.2/69, mbtmp3.4/4, ML3.2/2, MS3.7/1, Ms1 3.7/1, ms1mx2.7/34, Error ellipse: s-maj=226.7km s-min=26.7km az=61.0, Flores Sea

NNC 08 06:36:33.5:2.9, 40:64N:71:76E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=28.2km s-min=9.0km az=55.0

KRNET 08 06:36:35.6:0.1, 40:56N:71:39E, h25km, mb2.6

ISC 08 06:36:35.7:40:72N:71:85E, h10km, n16, s108/28, 15C-13T, Tajikistan

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PNL Peninsula, PS06 TAPS Pump Stn6, YUK7 Dusty Junction, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TUTA Tutak, AMUR Altamura, AMUR Altamura, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IS/CJ/B 06:56:33.6, 2.2, 52.40N, etc.

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

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

ISCJB 08:07:35:39.2.0.3, 8.06S:0.04:7.30W:0.05, h151km, mb4.1/20, Error ellipse: s-maj=7.0km s-min=4.9km az=161.1, ...

JMA 08:08:04:13.2.0.3, 33.12N:138.33E, h362km, 3km, M3.2, ...

WRA Warramunga Arr 35.77 43 P P 09 04 22.8 +0.1, ...

NEIC 08:07:35:40.5.0.8, 7.99S:74.34W, h155km, 7km, mb3.6/9, ...

ISC 08:08:04:19.8.0.8, 33.39N:138.21E, h316km, 13km, mb2.9/3, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Butuan, Surigao, Bislig, Musuan.

NEIC 08:07:35:41.1.0.6, 8.10S:74.30W, h156km, 8km, mb4.5/12, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISCJB 08:09:19:59.8.0.6, 32.21N:0.02:115.25W:0.03, h12km, 5km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

MEX 08:09:20:01.1.0.4, 32.32N:115.07W, h31km, 4km, MD3.9, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cerro Prieto, East Mesa, Ernie Place, Yuma Desert.

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

ISC 08:09:19:59.4.1.1, 32.18N:0.02:115.27W:0.02, h14.9km, 9km, ...

NEIC 08:07:35:39.7.0.5, 8.07S:0.05:74.36W:0.06, h151km, n73, ...

ISC 08:08:04:19.9.1.0, 33.38N:138.30E, h322km, 8km, n25, ...

MEX 08:07:47:10.5.0.5, 14.55N:92.88W, h15km, MD3.6, Near coast of Chiapas

ISC 08:08:53:13.7.1.2, 26.86N:143.80E, h0km, mb3.5/4, mb1.3/7.6, ...

CSEM 08:09:33:54.6, 42.95N:13.28E, h26km, ML2.7/25, ROM 08:09:33:54.6, 0.1, 42.95N:13.28E, h26km, 1km, ML2.7/25, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Norcia, Fjordimonte, Cesi, Serrava, San Martino, Campotosto, Gualdo di Mace.

MEX 08:07:47:10.5.0.5, 14.55N:92.88W, h15km, MD3.6, Near coast of Chiapas

ISC 08:08:53:13.7.1.2, 26.86N:143.80E, h0km, mb3.5/4, mb1.3/7.6, ...

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin, Chichi jima, Haha-jima-NKT, Ryo-gami san, Matsushiro Arr, Korea Array, Warramunga Arr, Alice Springs, Yellknife Arr, Kashi, Chichi jima, Haha-jima-NKT, Ryo-gami san, Matsushiro Arr, Korea Array, Warramunga Arr, Alice Springs, Yellknife Arr, Kashi.

8d 10h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUMA Gualdo di Mace, ATCC AVT- Casa Cast, AQU L'Aquila, etc.

CSEM 08 09:34:03.6:0.2, 42.98N, 13.43E, h2km, ML3.7/11, Error ellipse: s-maj=5.1km s-min=3.7km az=63.0 ROM 08 09:34:04.3:0.2, 42.94N, 13.27E, h22km, 2km, MI2.7/16, Error ellipse: s-maj=1.7km s-min=1.1km az=74.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NRCA Norcia, CESI Serrava, SMA1 SAN MARTINO, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FRON Frontone, MPAG Monte Paganucco, PIEI Pieia, etc.

ISK 08 09:44:15.1, 38.69N, 43.27E, h27km, ML2.5 IS/CJB 08 09:44:16.1, 38.72N, 43.04E, 19E, 0.08, h31km, 6km, Error ellipse: s-maj=10.8km s-min=6.0km az=15.0 CSEM 08 09:44:16.4, 0.3, 38.76N, 43.17E, h10km, ML2.5, Error ellipse: s-maj=6.7km s-min=4.5km az=90.0 DDA 08 09:44:16.2, 38.77N, 43.18E, h7km, MI2.8 IS 08 09:44:15.6:1.0, 38.73N, 43.03E, 43.22E, 0.04, h31km, 7km, n18, 0540/33, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VANB Van, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 08 09:45:05.9:44.0, 18.01S, 173.57W, h0km, mb4.2/3, mb1 4.4/3, mb1mx3.7/32, mbtmp4.2/3, Error ellipse: s-maj=835.3km s-min=174.1km az=81.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VANB Van, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

GUC 08 09:58:39.9:0.6, 38.59S, 75.02W, h18km, 4km, ML3.6, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PSCH Puerto Saavedr, VLCH Valdivia, TMU Temuco, etc.

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IDC 08 10:02:12.2:1.5, 26.96N, 143.86E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.4/37, mbtmp3.5/5, ML3.7/11, Error ellipse: s-maj=53.4km s-min=28.8km az=81.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Array, etc.

PGC 08 10:19:26.1:1.4, 48.52N, 129.01W, h10km, MLN3.0/12, Mw3.6/1.2, 237km Wsw of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, NC27 ODP1027, etc.

IDC 08 10:42:52.4:0.9, 38.43N, 70.66E, h0km, mb3.6/9, mb1 3.6/16, mb1mx3.6/43, mbtmp3.6/16, ML3.1/7, MS3.3/2, TOFB 11 3/2, mb1mx2.7/42, Error ellipse: s-maj=18.1km s-min=12.1km az=144.0

ISC/JB 08 10:42:54.7:0.7, 38.49N, 70.42E, 0.06, h23km, mb3.6/9, MS3.5/1, Error ellipse: s-maj=7.6km s-min=6.3km az=155.3

NINC 08 10:42:56.7:3.0, 38.65N, 70.58E, h7km, 15km, mb4.3, mpv4.0, Error ellipse: s-maj=18.6km s-min=15.2km az=2.0

ISC 08 10:42:56.2:0.9, 38.48N, 70.08E, 0.07, h23km, n34, 180/40, mb3.7/9, 7C-11D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, MNAS Manas, AML Almayasha, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and Time. Includes stations like Troy Canyon, Mys Shultsa, Boulder Array, Pinedale Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and Time. Includes stations like Saint Saulge, Signal de Mont, La Chapelle, Keskin Array B, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and Time. Includes stations like Malm Array Be, Port Moresby, Charters Tower, etc.

Table with columns: JHU, Hachioji jima 2, 4.92 200 P, Pn, 12 29 18.7 +1.4, etc.

IDC 08 12:38:17.4,2.2,183.355x168.20E,h0km,mb3.6/4, mb1 3.8/5,mb1mx3.5/30,mbtmp3.5/5,ML3.1/1,MS4.2/1, Ms1 4.2/1,ms1mx2.9/28,Error ellipse: s-maj=64.7km

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

NEIC 08 12:39:36.9,0.2,42.900N:110.79W,h5km,ML3.0, Error ellipse: s-maj=3.5km s-min=2.3km az=93.0

IDC 08 12:39:36.2,1.4,42.89N:110.54W,h0km,mb1 3.2/2, mb1mx2.9/42,mbtmp2.8/2,ML2.4/2, Error ellipse: s-maj=20.7km s-min=7.3km az=177.0

ISC 08 12:39:36.5,1.0,42.94N:0.01x110.90W,0.02,h7km2,9km, n101,113/128,Wyoming

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

Table with columns: NLU, North Lily Min, 3.11 197 ePh, Pn, 12 40 26.2 +0.1, etc.

MEX 08 12:42:04.2,0.4,16.21N:98.17W,h2km2,3km,MD3.9,Near coast of Guerrero

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

IDC 08 12:48:52.3,1.3,27.11N:143.90E,h0km,mb3.4/5, mb1 3.6/7,mb1mx3.3/45,mbtmp3.4/7,ML3.2/2, Error ellipse: s-maj=43.7km s-min=20.5km az=76.0

ISCJB 08 12:48:55.4,1.1,27.11N:143.95E,0.3,h33km,mb3.6/6, Error ellipse: s-maj=36.3km s-min=17.4km az=159.3

ISC 08 12:48:57.1,3.2,27.11N:143.9E,0.3,h35km,n8, 0.327/7,mb3.6,Bonin Islands region

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

IDC 08 12:56:05.0,1.6,22.75N:12.26W,h0km,mb3.6/3, mb1 3.8/7,mb1mx3.5/60,mbtmp3.7/7,ML3.6/4, Error ellipse: s-maj=46.3km s-min=22.0km az=67.0

ISC 08 12:56:04.4,1.3,22.39N:0.09x12.2W,0.2,h10km,n9, 0.214/10,mb3.7/3,Mauritania

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

NEIC 08 12:59:00,27.20N:143.60E,h32km,Mw4.2 Best double couple: Mo1.89000x10^19 NP1.3e297.00000, 342.00000, 1.8x10.00000, NP2.2e297.00000, 690.00000,

MOS 08 12:59:28.9,1.1,26.99N:143.70E,h12km,mb4.7/26, Error ellipse: s-maj=11.8km s-min=6.5km az=104.9

IDC 08 12:59:28.0,0.6,26.98N:143.79E,h0km,mb4.2/23, mb1 4.3/27,mb1mx4.2/57,mbtmp4.2/27,ML3.5/4,MS3.2/5, Ms1 3.3/5,ms1mx2.9/45, Error ellipse: s-maj=17.2km s-min=14.2km az=92.0

BUI 08 12:59:29.8,27.00N:143.60E,h10km,mb4.4/26,mb4.9/23, Ms4.3/11,Ms7.3/9/11

NEIC 08 12:59:30.8,0.2,27.03N:143.66E,h10km,mb4.9/54, Error ellipse: s-maj=4.4km s-min=4.3km az=172.0

JMA 08 12:59:32.2,27.17N:143.60E,h85km,M4.2

ISCJB 08 12:59:34.0,0.3,27.38N:0.03x143.55E,0.0,0.3,h33km, mb4.7/88,MS3.6/8, Error ellipse: s-maj=4.6km s-min=3.9km az=27.1

ISC 08 12:59:34.6,0.4,27.15N:0.05x143.65E,0.06,h35km,n182, 170/187,mb4.7/88,MS3.8/8,5C-3D,Bonin Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WOSS, GDR, OZB, etc.

IDD 08 13:08:43.5:1.0,26:99N:143:78E,h0km,mb3.6/8, mb1 3.8/10,mb1mx3.5/44,mbtmp3.6/10,ML3.4/2,MS3.0/1, MS1 3.0/1,ms1mx2.4/46,Error ellipse: s-maj=33.4km s-min=22.3km az=88.0

ISCJB 08 13:08:46.0:0.8,27:9N:0:1x143:8E:0.2,h33km,mb3.5/8, MS2.8/1, Error ellipse: s-maj=23.6km s-min=17.2km az=164.0

ISC 08 13:08:48.9:1.0,27:1N:0:1x143:6E:0.2,h35km,n11, az=113/10,mb3.6/8,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR, KSRK, WPK, etc.

ISCJB 08 13:09:00.0:0.8,27:0N:0:1x143:9E:0.2,h10km,mb3.6/9, Error ellipse: s-maj=21.4km s-min=16.7km az=167.6

ISC 08 13:09:04.0:0.8,27:00N:143:30E,h0km,mb3.6/9, mb1 3.8/11,mb1mx3.6/47,mbtmp3.6/11,ML3.3/2,Error ellipse: s-maj=27.6km s-min=19.7km az=96.0

ISC 08 13:10:11.0:0.9,27:1N:0:1x143:8E:0.2,h10km,n11, az=105/11,mb3.5/9,Bonin Islands region

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

ISK 08 13:26:14.0,38:78N:43:36E,h5km,ML2.3

ISCJB 08 13:26:15.0:0.4,38:78N:0:02x43:39E:0.04,h13km,Error ellipse: s-maj=2.2km s-min=2.2km az=6.0

CSEM 08 13:26:15.4:0.2,38:80N:43:34E,h8km,ML2.3,Error

ellipse: s-maj=5.2km s-min=3.4km az=82.0 DDA 08 13:26:15.4:0.38:79N:43:33E,h7km,ML2.7

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

ISCJB 08 13:28:14.5:0.6,51:4N:0:1x96:17E:0.06,h10km,mb3.2/1, Error ellipse: s-maj=16.6km s-min=5.2km az=177.9

MOS 08 13:28:14.2:1.0,51:28N:96:20E,h10km,mb3.9/1, Error ellipse: s-maj=23.6km s-min=12.7km az=174.8

IDD 08 13:28:16.9:2.8,51:57N:96:18E,h0km,mb1 2.8/3, mb1mx2.6/49,mbtmp2.8/3,ML2.4/3,Error ellipse: s-maj=57.1km s-min=20.5km az=18.0

ISC 08 13:28:14.8:0.8,51:3N:0:1x96:22E:0.05,h10km,n19, az=29/19,2C,Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HVS, ORL, MOY, etc.

ISCJB 08 13:28:14.8:0.8,51:3N:0:1x96:22E:0.05,h10km,n19, az=29/19,2C,Southeastern Siberia

ISC 08 13:28:14.8:0.8,51:3N:0:1x96:22E:0.05,h10km,n19, az=29/19,2C,Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HVS, ORL, MOY, etc.

ISC 08 13:33:13.2:0.8,27:00N:143:78E,h0km,mb3.8/10, mb1 4.0/12,mb1mx3.7/61,mbtmp3.8/12,ML3.6/2,Error ellipse: s-maj=26.0km s-min=18.4km az=82.0

NEIC 08 13:33:14.8:0.5,27:03N:143:70E,h10km,mb4.6/1, Error ellipse: s-maj=13.4km s-min=9.5km az=72.0

ISCJB 08 13:33:16.1:0.6,27:08N:0:07x143:73E:0.07,h33km, mb3.9/13,Error ellipse: s-maj=10.2km s-min=9.0km az=159.1

JMA 08 13:33:16.7:0.2,26:76N:143:18E,h131km,M3.5

ISC 08 13:33:16.8:0.8,27:1N:0:1x143:60E:0.10,h35km,n25, az=121/26,mb4.0/13,Bonin Islands region

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

ISC 08 13:33:16.8:0.8,27:1N:0:1x143:60E:0.10,h35km,n25, az=121/26,mb4.0/13,Bonin Islands region

ISC 08 13:33:16.8:0.8,27:1N:0:1x143:60E:0.10,h35km,n25, az=121/26,mb4.0/13,Bonin Islands region

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

IDD 08 13:33:43.5:1.0,29:61N:102:03E,h0km,mb3.6/6, mb1 3.7/7,mb1mx3.4/62,mbtmp3.6/7,ML3.6/1,MS2.9/2, MS1 2.9/2,ms1mx2.6/36,Error ellipse: s-maj=39.5km s-min=17.5km az=59.0

ISCJB 08 13:33:46.3:1.0,29:6N:0:1x102:0E:0.2,h33km,mb3.5/6, MS2.9/1, Error ellipse: s-maj=28.0km s-min=15.5km az=149.2

ISC 08 13:33:48.7:1.4,29:6N:0:2x102:1E:0.2,h35km,n9, az=86/7,mb3.5/6,Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRDH, SONM, KSRK, etc.

NIED 08 13:45:00.2:17:10N:143:50E,h44km,Mw4.1 Best double couple: M1:44000:1019:191,Ms104:00000:311:000000, P2:22:00000:NP2:265:00000:380:00000, 1-93:00000

ISC 08 13:45:08.6:0.8,27:00N:143:85E,h0km,mb3.7/9, mb1 4.0/11,mb1mx3.7/48,mbtmp3.7/11,ML3.7/2,Error ellipse: s-maj=26.3km s-min=18.7km az=88.0

JMA 08 13:45:11.6:27:08N:143:55E,h101km,5km,M3.7

ISCJB 08 13:45:12.4:0.8,27:30N:0:05x143:63E:0.07,h33km, mb3.6/10,Error ellipse: s-maj=9.7km s-min=6.7km az=35.2

ISC 08 13:45:14.0:0.8,27:13N:0:08x143:82E:0.08,h35km,n19, az=127/22,mb3.7/10,Bonin Islands region

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

ISCJB 08 14:05:20.2:1.3,32:60S:0:06x69:89W:0:08, h115km,10km,Error ellipse: s-maj=13.2km s-min=6.6km az=42.7

GUC 08 14:05:20.1:0.4,32:45S:69:86W,h96km,11km,ML2.6

SJA 08 14:05:20.9:0.6,32:57S:69:78W,h108km,4km,ML2.2, MW3.0

ISC 08 14:05:21.2:2.2,32:60S:0:06x69:90W:0:07, h107km,16km,n11,az=57/18,Mendoza Province

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

ISCJB 08 14:17:30.1:0.4,51:67N:0:08x96:14E:0:06,h10km, mb3.6/13,MS3.1/1,Error ellipse: s-maj=12.0km s-min=5.5km az=169.7

MOS 08 14:17:30.8:1.6,51:70N:96:07E,h13km,mb4.0/8, Error ellipse: s-maj=13.6km s-min=9.9km az=173.7

IDD 08 14:17:30.6:0.8,51:69N:96:21E,h0km,mb3.7/12,

8d 15h

mb1 3.7/16, mb1mx3.5/51, mbtmp3.6/16, ML2.9/4, MS3.1/1, Ms1 3.3/1, ms1mx2.5/48, Error ellipse: s-maj=19.4km s-min=12.9km az=174.0

ISC 08 14:17:31.8±0.5, 17C-10D, 09-96.09E, 0.04, h0km, n37, o1659/38, mb3.6/13, 1C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Khovu-Aksy, Arshan, Talaya, Zakamensk, Irkutsk, etc.

ISC 08 14:19:39.7±3.5, 4.03S:152.48E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.3/36, mbtmp3.5/3, Error ellipse: s-maj=128.0km s-min=48.1km az=122.0, New Britain region

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

ISC 08 14:34:37.1±1.3, 32.62N:70.23E, h0km, mb3.5/6, mb1 3.7/10, mb1mx3.4/51, mbtmp3.6/10, ML3.5/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/37, Error ellipse: s-maj=34.3km s-min=21.1km az=74.0

ISC/CB 08 14:34:39.3±0.7, 32.53N:0.05:70.33E:0.08, h33km, mb3.5/6, MS3.0/1, Error ellipse: s-maj=1.0km s-min=0.5km az=150.7

NCC 08 14:34:45.5±12.0, 32.95N:69.05E, h171km, 270km, mb3.2, mpv4.1, Error ellipse: s-maj=91.5km s-min=85.3km az=37.0

ISC 08 14:34:41.9±0.9, 32.54N:0.08:70.22E:0.08, h35km, n24, o240/30, mb3.5/5, 4C-4D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Thein Dam, Sufi-Kurgan, Manas, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Karatay Array, AAK, AAK, AAK, etc.

ISC 08 14:41:34.1±2.2, 36.63N:142.26E, h0km, mb3.3/4, mb1 3.4/6, mb1mx3.2/37, mbtmp3.4/6, ML3.4/2, MS3.0/2, Ms1 3.0/2, ms1mx2.6/19, Error ellipse: s-maj=56.0km s-min=23.4km az=64.0

JMA 08 14:41:39.1±0.1, 36.72N:141.90E, h53km, 2km, M3.1, ISC 08 14:41:36.1±2.1, 36.67N:142.00E:0.09, h11km, n11, o1940/24, mb3.3/4, Near east coast of eastern Honshu

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

ISC 08 15:05:22.4±2.0, 2.02S:128.01E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.2/29, mbtmp3.1/3, ML3.4/1, Error ellipse: s-maj=146.6km s-min=25.0km az=67.0, Ceram Sea

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

ISC 08 15:36:43.3±2.2, 6.55S:130.17E, h0km, mb4.3/1, mb1 4.1/3, mb1mx3.5/45, mbtmp3.9/3, ML4.1/2, Error ellipse: s-maj=142.0km s-min=30.4km az=70.0, Banda Sea

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

NIED 08 15:37:00.34±0.0N:135.50E, h59km, Mw4.8 Best double couple: M1:52000x1016 NP1:368.00000x840.00000x-162.00000. NP2:368.00000x840.00000x-162.00000. NP2:368.00000x840.00000x-162.00000.

MOS 08 15:37:25.0±0.9, 34.01N:135.47E, h46km, mb4.9/48, Error ellipse: s-maj=7.7km s-min=5.0km az=111.7

ISC/CB 08 15:37:27.0±2.0, 34.02N:0.02:135.48E:0.02, h58km, 2km, mb4.6/93, MS3.8/27, Error ellipse: s-maj=4.0km s-min=3.1km az=163.3

JMA 08 15:37:27.9, 34.00N:135.50E, h56km, 1km, M4.7 Broadband fault plane solution: P waves. NP1: 368.00000x840.00000x-162.00000. NP2: 368.00000x840.00000x-162.00000. Principal axes: Azm49.00000, Azm116.00000, Azm161.00000; P: P142.90000; S: S142.90000; T: T142.90000.

JMA Felt III J1, ISC 08 15:37:28.0±0.4, 33.93N:135.51E, h56km, 2km, mb4.1/26, mb1 4.3/1, mb1mx4.2/50, mbtmp4.4/31, MS3.7/24, Ms1 3.7/24, ms1mx3.5/51, Error ellipse: s-maj=9.8km s-min=7.0km az=2.0

NEIC 08 15:37:28.0±0.2, 33.98N:135.48E, mb4.8/30, Error ellipse: s-maj=4.9km s-min=3.5km az=156.0

NEIC Felt at Matsusaka, Nagoya, Nara, Ueno and Wakayama. Also felt at Kamojima and Tokushima, Shikoku. Recorded [3 JMA] in Nara and Wakayama, Honshu.

GCMT 08 15:37:28.0±0.4, 34.18N:135.41E, h65km, 4km, Mw4.8/66, Moment Tensor Solution. s17, t18, s66, e90; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.55:14;

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Mw=0.78±.11; Mw=0.22±.11; Mw=0.14±.07; Mw=1.3±.08; Mw=1.16±.06; Best double couple: M1:88600x1016 NP1:368.00000x840.00000x-162.00000. NP2: 368.00000x840.00000x-162.00000. Principal axes: Azm49.00000, Azm116.00000, Azm161.00000; P: P142.90000; S: S142.90000; T: T142.90000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 08 15:37:28.2±0.3, 34.01N:0.03:135.49E:0.03, h55km, 2km, h55km, pp-P, n306, o198/315, mb4.7/98, MS3.8/27, 16C-19D, Near south coast of western Honshu

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

ISC 08 15:37:28.2±0.3, 34.01N:0.03:135.49E:0.03, h55km, 2km, h55km, pp-P, n306, o198/315, mb4.7/98, MS3.8/27, 16C-19D, Near south coast of western Honshu

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

ISC 08 15:37:28.2±0.3, 34.01N:0.03:135.49E:0.03, h55km, 2km, h55km, pp-P, n306, o198/315, mb4.7/98, MS3.8/27, 16C-19D, Near south coast of western Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SANT Santorini, THRT Fira-Santorini, THR2 Thira Island, etc.

NIED 08 16:23:00, 36.70N, 140.90E, h50km, Mw3.5 Best double couple: Mb 1.88000x10^4, NP1=1.77, 0.0000, 0.33, 0.0000, 1.75, 0.0000, NP2=1.14, 0.0000, 0.59, 0.0000, 0.39, 0.0000, ISCJB 08 16:23:35.8, 0.7, 36.62N, 0.04, 141.07E, 0.07, h50km, 6km, mb3.4/1, MS3.1/1, Error ellipse: s-maj=10.0km s-min=6.1km az=18.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JHO Hitachi, JHO Onaj, ONAJ Iwakimizuishi, JFK Kawachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, MJAR Hitachi, ASAJ Asahikawa, etc.

IDC 08 16:28:07.9, 12.0, 52.80N, 171.45W, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.2/65, mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=24.7km s-min=5.2km az=85.0

ISCJB 08 16:28:33.6, 0.8, 53.1N, 0.1, 167.1W, 0.1, h69km, 9km, mb3.3/3, Error ellipse: s-maj=21.9km s-min=5.2km az=150.2

NEIC 08 16:28:34.2, 0.0, 53.11N, 167.09W, h53km, ML3.4(AEIC), After AEIC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OKFG Magazine Ridge, OKTK Okmok Mt, OKSO Okmok South, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KRSC 08 16:30:36.2, 1.4, 50.53N, 154.23E, h309km, 15km, ML3.7, Kurii Islands.

IDC 08 16:35:34.7, 8.3, 31.39S, 180.00W, h444km, 91km, mb2.7/1, mb1 3.0/3, mb1mx2.7/36, mbtmp3.7/3, Error ellipse: s-maj=100.0km s-min=42.8km az=18.0

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

ISCJB 08 16:41:53.9, 0.6, 6.66S, 0.08, 127.0E, 0.1, h400km, mb3.5/7, Error ellipse: s-maj=18.9km s-min=8.9km az=156.8

IDC 08 16:41:56.2, 2.6, 6.71S, 127.04E, h410km, 34km, mb3.3/8, mb1 3.2/11, mb1mx2.9/40, mbtmp4.0/11, Error ellipse: s-maj=20.4km s-min=10.8km az=62.0

ISC 08 16:41:55.2, 0.7, 6.71S, 127.0E, 0.1, h400km, m11, n=1943/13, mb3.6/7, Banda Sea

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

ISC 08 16:45:39.0, 3.0, 29.38S, 69.43W, h91km, 62km, ML3.0, ISCJB 08 16:45:40.2, 1.4, 29.35S, 0.06, 69.64W, 0.07, h126km, 15km, Error ellipse: s-maj=10.8km s-min=8.2km az=44.6

SJA 08 16:45:40.0, 0.4, 29.39S, 69.63W, h121km, 8km, ML2.9, MW3.1

ISC 08 16:45:41.0, 2.5, 29.35S, 0.06, 69.64W, 0.06, h120km, 24km, n11, 0939/17, Chile-Argentina border regio

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

NIED 08 16:52:00, 35.50N, 140.40E, h26km, Mw4.0 Best double couple: Mg 6.40000x10^4, NP1=26.0000, 0.81, 0.0000, 1.07, 0.0000, NP2=0.63, 0.0000, 0.77, 0.0000, 0.86, 0.0000

IDC 08 16:52:37.8, 0.7, 35.41N, 140.38E, h0km, mb3.8/11, mb1 3.9/14, mb1mx3.8/36, mbtmp3.8/14, ML3.7/3, MS2.7/2, Ms1 2.7/2, ms1mx2.5/45, Error ellipse: s-maj=22.9km s-min=15.6km az=86.0

NEIC 08 16:52:40.6, 2.0, 35.39N, 140.41E, h21km, 15km, mb4.8/2, Error ellipse: s-maj=11.1km s-min=6.3km az=74.0

ISCJB 08 16:52:41.3, 0.4, 35.40N, 0.03, 140.49E, 0.06, h45km, mb3.9/13, Error ellipse: s-maj=7.1km s-min=4.9km az=172.3

JMA 08 16:52:42.1, 35.49N, 140.38E, h25km, 1km, M3.6 Broadband flat plane solution: P waves. NP1: 0.60, 0.0000, 0.61, 0.0000, 0.88, 0.0000, NP2: 0.245, 0.0000, 0.29, 0.0000, 0.94, 0.0000, Principal axes: T P1g74.0000, Azm325.0000, N P1g2.0000, Azm61.0000, P P1g16.0000, Azm152.0000

JMA Felt III J1, ISC 08 16:52:43.0, 6.3, 35.42N, 0.05, 140.49E, 0.06, h45km, n37, n=1852/32, mb3.8/13, 2C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KTR Katsura, CHOU Chousu, BS04 Boso 4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JOD2 Odawara 2, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

NIED 08 17:03:00, 38.80N, 142.20E, h38km, Mw3.9 Best double couple: Mb 8.62000x10^4, NP1=262.0000, 0.27, 0.0000, 1.17, 0.0000, NP2=0.165, 0.0000, 0.86, 0.0000, 0.63, 0.0000

ISCJB 08 17:03:53.7, 0.9, 38.78N, 0.04, 142.26E, 0.08, h41km, 8km, mb3.8/14, MS3.1/2, Error ellipse: s-maj=10.8km s-min=6.0km az=18.1

JMA 08 17:03:54.3, 0.1, 38.77N, 142.23E, h38km, 1km, M4.0 JMA Felt I J1

IDC 08 17:03:56.1, 1.9, 38.84N, 142.19E, h42km, 17km, mb3.5/14, mb1 3.8/20, mb1mx3.6/67, mbtmp3.8/20, ML3.6/5, MS2.9/6, Ms1 2.9/6, ms1mx2.7/48, Error ellipse: s-maj=18.3km s-min=11.2km az=108.0

ISC 08 17:03:53.1, 1.8, 38.76N, 0.05, 142.31E, 0.07, h24km, 12km, n8, n=1837/39, mb3.8/14, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, JMK Ichinoseki, etc.

MJAR Matsushiro 2.29mm, 18.9s, baz=65, slow=4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MAT Matsushiro, ASAJ Asahikawa, ASAJ Hitachi, etc.

H1N2 WAKE ISLAND Hy 28.48 125 T

H1N1 WAKE ISLAND Hy 28.49 125 T

H1N3 WAKE ISLAND Hy 28.50 125 T

H1S1 WAKE ISLAND Hy 29.26 127 T

H1S3 WAKE ISLAND Hy 29.26 127 T

H1S2 WAKE ISLAND Hy 29.28 127 T

ZALV Zalesovo Beam 41.30 311 P

ILAR Eielson Array 47.66 33 P

INX Inuvik 52.53 28 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WSAD Wadai Sarti, AKAS Malin Array, etc.

BUI 08 17:05:43.8, 2.93Sx100.04E, h20km, mb4.7/49, mb5.0/37, MS4.5/20, Ms7 4.2/17
ISCJB 08 17:05:47.6, 0.3, 2.61S; 0.03; 99.84E; 0.04, h30km, mb4.6/52, MS4.0/5, Error ellipse: s-maj=5.9km s-min=3.9km az=137.3
KLM 08 17:05:48.9, 2.66S; 99.82E, h49km, mb4.6
IDC 08 17:05:49.1, 0.8, 2.63S; 99.81E, h28km, mb4.2/25, mb1.4/326, mb1mx4.1/61, mbtmp4.4/26, ML3.4/1, MS3.5/2, ms1.3/62, ms1mx2.9/46, Error ellipse: s-maj=22.1km s-min=11.0km az=50.0
NEIC 08 17:05:49.3, 0.3, 2.68S; 99.83E, h35km, mb4.7/21, Error ellipse: s-maj=8.9km s-min=5.2km az=56.0
DJA 08 17:05:50.3, 0.5, 3.5Sx10.0E, h10km, M4.5/12, mb4.6/12, mb4.8/3, MLV4.5/12, Mw(MB)4.1/3
ISC 08 17:05:48.5, 0.4, 2.72S; 0.05; 99.77E; 0.05, h30km, n134, s190/144, mb4.6/53, MS4.2/5, 7C-4D, Southern Sumatras

Code	Station Name	Δ°	AZ°	Op	Phase	ISC	Time	Res
							h m s	ISC
PPSI	Pulau Pagai	0.25	100	P	Pb		17 05 54.8	-0.5
SISI	Saibai	1.54	334	P	Pn		17 06 13.0	-1.0
SDSI	Sungai Dareh	2.43	43	P	Pn		17 06 26.2	0.0
BKNI	Bangkitang	3.28	23	P	Pb		17 06 40.3	+2.3
BKNI	Bangkitang	3.28	23	P	Pb		17 06 38.4	+0.4
BKNI	Bangkitang	3.28	23	eS	Sn		17 07 14.4	-1.6
RGRI	Rengat	3.48	47	P	Pb		17 06 49.2	-0.3
MNAI	Manna	3.58	116	eP	Pn		17 06 40.7	-1.3
MNAI	Manna	3.58	116	eS	Sn		17 07 25.7	+2.4
CSI	Gunungsitoli	4.56	331	P	Pb		17 07 01.7	-6.1
GSI	Gunungsitoli	4.56	331	eP	Pn		17 06 53.0	-2.4
GSI	Gunungsitoli	4.56	331	eS	Sn		17 07 47.1	-0.4
LWLI	Liwa	4.85	118	P	Pn		17 07 03.1	+3.4
KASI	Kota Agung	5.48	121	P	Pn		17 07 11.8	+3.6
PSI	Prapa	5.55	351	Pn	Pn		17 07 06.4	-2.8
PSI	Prapa	5.55	351	Pn	Pn		17 07 14.5	+0.6
KGM	Kluang	5.89	37	P	Pn		17 07 16.9	+0.8
MYKOM	Kota Tinggi	6.06	42	P	Pn		17 07 16.1	0.0
MYKOM	Kota Tinggi	6.06	42	eP	Pn		17 08 22.0	-2.6
MYKOM	Kota Tinggi	6.06	42	eS	Sn		17 07 18.4	+0.3
FRIM	Kepong	6.20	17	P	Pn		17 07 23.9	+2.0
TPTI	Kepong	6.48	336	P	Pn		17 07 35.7	-5.4
KCSI	Kotacane, Aceh	6.51	342	P	Pb		17 07 32.7	+0.1
IPoh	Ipo	7.26	10	P	Pn		17 07 32.8	+0.1
IPoh	Ipo	7.26	10	eP	Pn		17 07 50.2	-1.1
MLSI	Meulaboh, Aceh	7.71	334	P	Pb		17 07 42.9	0.0
KULM	Kulim	8.00	6	P	Pn		17 07 53.6	+1.5
KULM	Kulim	8.00	6	eP	Pn		17 07 59.1	-2.3
KTGM	Kuala Trengganu	8.67	23	P	Pn		17 09 40.0	-5.5
CISI	Cisompot, Garu	9.35	121	eP	Pn		17 09 18.1	-0.1
CISI	Cisompot, Garu	9.35	121	eS	Sn		17 09 19.4	-4.6
JAGI	Jajag, Banyuwana	15.41	112	eP	Pn		17 10 03.8	-0.2
KKM	Kota Kinabalu	18.59	62	P	Pn		17 10 11.3	+0.1
SDKM	Sandakan	19.29	64	P	Pn		17 10 12.7	+0.0
TSM	Tawau	20.39	69	P	Pn		17 10 14.2	+0.3
KDM	Kudat	19.54	61	P	Pn		17 10 21.4	-0.7
MYLDM	Lahad Datu	20.67	67	P	Pn		17 10 23.8	+1.0
MPSI	Mopang	20.35	82	P	Pn		17 10 28.2	-1.7
CM01	Chiang Mai Arr	21.02	358	eP	Pn		17 10 27.0	-3.4
CM31	Chiang Mai Arr	21.06	358	eP	Pn		17 10 28.9	-1.5
CMAR	Chiang Mai Arr	21.06	358	eP	Pn		17 18 60.0	
COCO	Chiang Mai Arr	8.5nm, 0.9s, baz=186, slow=10, SNR=41		LR	LR		17 10 33.9	-0.2
CMAR	Chiang Mai Arr	8.5nm, 0.9s, baz=186, slow=10, SNR=41		LR	LR		17 10 45.1	+0.3
MRSI	Marisa	22.39	82	P	Pn		17 10 48.7	-3.0
LWUI	Luwuk	23.05	86	eP	Pn		17 10 25.7	
H08S2	Diego Garcia H	27.59	259	T	T		17 40 29.4	
H08S3	Diego Garcia H	27.60	259	T	T		17 40 27.8	
H08S1	Diego Garcia H	27.61	259	T	T		17 11 39.7	+4.1
KMI	Kumming	27.83	6	P	Pn		17 43 32.3	
H08N1	Diego Garcia H	28.88	262	T	T		17 43 33.6	
H08N2	Diego Garcia H	28.89	262	T	T		17 43 27.6	
H08N3	Diego Garcia H	28.90	262	T	T		17 11 52.2	+0.8
FITZ	Fitzroy Cross	31.73	123	P	Pn		17 12 11.4	+1.1
ODAN	Odare	31.74	339	eP	Pn		17 12 14.5	+1.2
TAPN	Taplejung	32.08	340	eP	Pn		17 12 15.0	+1.3
RAMN	Ramite	32.12	338	eP	Pn		17 12 25.1	+1.0
JIRN	Jiri	32.91	337	eP	Pn		17 12 21.4	+0.6
PKI	Pulchoki	33.14	336	eP	Pn		17 12 24.7	+1.0
GUN	Gumba	33.26	337	eP	Pn		17 12 25.1	+1.0
LSA	Lhasa	33.27	346	eP	Pn		17 12 25.4	+1.4
DMN	Daman	33.30	336	eP	Pn		17 12 26.0	+1.3
KKN	Kanoni	33.39	336	eP	Pn		17 12 28.0	+1.2
LZH	Chengdu	33.66	6	eP	Pn		17 12 28.0	+1.2
CD2	Chengdu	comp=Z, 10.0nm, 0.5s		Pmax	Pmax		17 49 11.5	
CD2	Chengdu	comp=Z, 120nm, 5.2s		Pmax	Pmax		17 49 17.3	
H01W3	Cape Leeuwin H	34.68	159	T	T		17 49 15.8	
H01W2	Cape Leeuwin H	34.69	159	T	T		17 12 59.1	-1.3
H01W1	Cape Leeuwin H	34.70	159	T	T		17 13 06.8	-2.4
XAN	Xi'an	35.7	13	P	Pn		17 13 06.8	-2.4
XAN	Xi'an	comp=Z, 25nm, 0.7s		Pmax	Pmax		17 13 03.5	+0.6
WR1	Warramunga Arr	37.84	120	eP	Pn		17 13 03.5	+0.6
WRA	Warramunga Arr	37.84	120	P	Pn		17 13 00.8	-2.2
WRAB	Tennant Creek	37.84	119	eP	Pn		17 13 02.8	-0.2
WB2	Warramunga Arr	37.85	120	eP	Pn		17 13 11.2	+0.4
LZH	Lanzhou	38.79	5	eP	Pn		17 13 18.4	-1.3
LZH	Lanzhou	38.79	5	eP	Pn		17 13 21.0	-2.3
LZH	Lanzhou	38.79	5	eP	Pn		17 14 45.0	+2.5
LZH	Lanzhou	38.79	5	eS	Sn		17 19 08.1	-1.4
LZH	Lanzhou	38.79	5	eS	Sn		17 19 18.5	+1.6
LZH	Lanzhou	38.79	5	eS	Sn		17 21 50.5	-7.0
LZH	Lanzhou	comp=Z, 39nm, 1.4s		Pmax	Pmax		17 18 03.6	-0.5
LZH	Lanzhou	comp=Z, 130nm, 5.1s		Pmax	Pmax		17 18 03.6	-0.5
LZH	Lanzhou	comp=N, 1µm, 15.5s		LR	LR		17 18 03.6	-0.5
LZH	Lanzhou	comp=E, 1µm, 16.6s		LR	LR		17 18 03.6	-0.5
LZH	Lanzhou	comp=Z, 1µm, 18.5s		P	Pn		17 18 03.6	-0.5
AS31	Alice Springs	39.03	125	eP	Pn		17 17 13.2	+0.3
ASAR	Alice Springs	39.03	125	P	Pn		17 17 13.6	+0.7
ASAR	Alice Springs	39.03	125	P	Pn		17 19 10.8	+0.4
NJ2	Nanjing	39.04	26	eP	Pn		17 13 12.4	-0.3

NJ2	comp=Z, 12nm, 0.5s	41.92	0	eP	P	17 13 36.5	-0.1
GTA	Gaotai	41.92	0	eP	P	17 13 36.5	-0.1
GTA	Gaotai	41.92	0	eP	P	17 13 44.2	-1.4
GTA	Gaotai	41.92	0	eP	P	17 13 47.9	-1.3
GTA	Gaotai	41.92	0	eP	P	17 13 48.8	-4.4
GTA	Gaotai	comp=Z, 5.0nm, 1.1s		Pmax	Pmax		
GTA	Gaotai	comp=Z, 150nm, 6.9s		Pmax	Pmax		
GTA	Gaotai	comp=N, 120nm, 10.7s		LR	LR		
GTA	Gaotai	comp=E, 120nm, 9.7s		LR	LR		
GTA	Gaotai	comp=Z, 190nm, 12.8s		LR	LR		
HHC	Hu-ho-hao-te	44.68	13	eP	P	17 14 02.2	+3.3
HHC	Hu-ho-hao-te	44.68	13	eP	P	17 15 49.5	+5.9
HHC	Hu-ho-hao-te	44.68	13	eS	Sn	17 20 41.0	+7.4
HHC	Hu-ho-hao-te	44.68	13	eS	Sn	17 20 50.8	+2.4
HHC	Hu-ho-hao-te	comp=Z, 9.0nm, 0.8s		Pmax	Pmax		
HHC	Hu-ho-hao-te	comp=Z, 72nm, 8.0s		Pmax	Pmax		
HHC	Hu-ho-hao-te	comp=N, 160nm, 10.7s		LR	LR		
HHC	Hu-ho-hao-te	comp=E, 200nm, 12.4s		LR	LR		
HHC	Hu-ho-hao-te	comp=Z, 140nm, 13.7s		LR	LR		
BJI	Beijing	45.14	18	P	Pn	17 13 59.0	-3.3
BJU	Beijing	45.14	18	P	Pn	17 13 59.0	-3.3
NJ2	Nanjing	comp=Z, 24nm, 0.7s		Pmax	Pmax		
NJ2	Nanjing	46.21	37	P	Pn	17 14 10.9	-0.2
NJ2	Nanjing	46.21	37	P	Pn	17 14 10.9	-0.2
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		P	Pn	17 14 22.0	+1.8
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 14 32.8	0.0
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 15 52.4	+1.8
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 16 13.0	+1.2
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 19 46.1	+1.0
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 21 13.9	+1.4
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 24 11.2	-1.1
KSH	Kashi	46.9m, 0.9s, baz=196, slow=5.0, SNR=3.9		eP	Pn	17 24 34.9	-5.6
KSH	Kashi	comp=Z, 77nm, 4.7s		Pmax	Pmax		
KSH	Kashi	comp=N, 99nm, 5.3s		LR	LR		
KSH	Kashi	comp=E, 150nm, 5.2s		LR	LR		
KSH	Kashi	comp=Z, 140nm, 5.7s		LR	LR		
WMQ	Urumqi	47.58	348	P	Pn	17 14 23.4	+1.8
WMQ	Urumqi	47.58	348	P	Pn	17 14 29.1	-1.6
WMQ	Urumqi	47.58	348	P	Pn	17 14 33.1	-1.2
WMQ	Urumqi	comp=Z, 34nm, 0.9s		Pmax	Pmax		
WMQ	Urumqi	comp=Z, 96nm, 4.7s		Pmax	Pmax		
KS15	Wonju Array Si	47.73	30	eP	Pn	17 14 22.4	-0.3
KSAR	Wonju Array Be	47.73	30	P	Pn	17 14 23.0	+0.3
KSRS	Korea Array	47.75	30	P	Pn	17 14 23.0	+0.1
STKA	Stevens Creek	47.75	30	P	Pn	17 14 23.0	+0.1
STKA	Stevens Creek	6.7nm, 0.9s, baz=222, slow=8.1, SNR=15		P	Pn	17 14 33.5	+1.9
STKA	Stevens Creek	6.7nm, 0.9s, baz=222, slow=8.1, SNR=15		eP	Pn	17 14 33.2	+1.6
TKM2	Tokmak 2	50.40	337	P	Pn	17 14 44.6	+1.2
TKM2	Tokmak 2	50.40	337	P	Pn	17 14 45.3	+1.7
TKM2	Tokmak 2	50.40	337	P	Pn	17 14 45.3	+1.7
AML	Almayashu	50.51	335	P	Pn	17 14 45.9	+1.4
AAK	Ala-Archa	50.60	336	eP	Pn	17 14 43.6	-1.2
SONA	Songino Array	50.68	6	eP	Pn	17 14 46.1	+0.8
SONA	Songino Array	50.68	6	eP	Pn	17 14 46.1	+0.8
SONM	Songino Array	7.2nm, 0.5s, baz=188, slow=9.9, SNR=90		P	Pn	17 14 56.6	+0.1
ULN	Ulaanbaatar	50.78	6	eP	Pn	17 14 45.3	-0.8
ULN	Ulaanbaatar	50.78	6	eP	Pn	17 14 45.3	-0.8
EKS2	Erkin-Say	50.91	335	P	Pn	17 14 48.7	+1.5
USP	Ospenovka	51.12	336	P	Pn	17 14 49.6	+1.0
USP	Ospenovka	51.12	336	P	Pn	17 14 49.6	+1.0
MK01	Makanchi Array	51.63	345	eP	Pn	17 14 53.2	+0.9
MK31	Makanchi Array	51.66	345	eP	Pn	17 14 52.9	+0.3
MK32	Makanchi						

8d 19h

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like VILC, RREF, TOLC, SDV, ANIL, PRAC, SJAC, YOTC, YKA, ASAR, WRA.

ISC/JB 08 18:50:05.3-1.0, 23.95N, 0.03, 122.51E, 0.02, h6km, 8km, Error ellipse: s-maj=5.1km s-min=3.5km az=166.7

Main table of station data for the 8d 19h period, listing various stations and their coordinates and phases.

BUI 08 19:00:42.9, 43.05N, 77.79E, h5km, ML3.2/5 NNC 08 19:00:44.5-0.9, 42.96N, 78.03E, h0km, mb3.8, mpv3.4

Table of station data for the 19:00-19:05 period, including stations like SATY, ZHN, PRZ, KURS, KOTS, MDOK.

2012 JAN

Main table of station data for the 2012 JAN period, listing stations like MDOK, TNS, UZB, KNDC, SHLS, MTBS, PDGK, CHKK, ARXS, ULHL, KST, KUU, BOOM, DGS, BMNS, TKM2, KZM, DJR, NRN, KZA, KBK, CHMS, FRU1, USP, KAPS, AAK, YCHT.

358

Table of station data for the 358 period, including stations like UCH, EKS2, AML, MNAS, MAKZ, MK31, MKAR, KK31, KURBB, KURK, KURK, BVA0, BRVK, HIA, YAK, YAK.

DJA 08 19:15:21.7-0.3, 8.3, 8.3, 12.0E, h10km, M4, 0.7, mb4.4/3, MLV3.9/7

Table of station data for the 19:15-19:20 period, including stations like BSSI, WBSI, PLAI, MMRI, BASI, TTSI, SOEI, JAGI, KMMI, FITZ, FITZ, WRA, ASAR, MKAR.

ISC/JB 08 19:21:59.0-0.4, 24.72N, 0.03, 122.42E, 0.02, h1km, 4km, Error ellipse: s-maj=4.9km s-min=2.6km az=14.5

Table of station data for the 19:21-19:25 period, including stations like EOS1, TWB1, TWC, YJNG, NTC, ENAH, YOJ, YOJ, TIPB, ENA.

8d 20h

Table with columns: YKA, TXAR, PDAR, INK, and station details like Yellowknife Arr, Lajitas Array, Pinedale Array, Inuvik.

IDC 08 20:12:59.5, 1.1, 9.37N, 126.56E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/38, mbtmp3.6/6, MS3.8/4, Ms1 3.8/4, ms1mx3.1/42, Error ellipse: s-maj=93.1km s-min=21.1km az=7.0

MAN 08 20:13:01.0, 9.43N, 126.85E, h2km, mb4.8, ML3.7, MS3.8, ISCJB 08 20:13:03.1-0.8, 9.51N, 0.06, 126.93E, 0.07, h43km, mb3.7/6, MS3.9/4, Error ellipse: s-maj=10.9km s-min=8.1km az=25.5

ISC 08 20:13:05.9, 1.0, 9.55N, 0.07, 126.81E, 0.09, h43km, n17, az=250/17, mb3.7/6, MS3.9/4, 2C, Mindanao

Main table for 8d 20h section, listing station names, codes, and various parameters like time, resonance, and phase ID.

NIED 08 20:25:00.27, 27.20N, 143.70E, h8km, Mw4.3 Best double couple, M3.4/1000, 1015 NPI3, 333,0000, 822.00000, -1.81.00000, NP2, 144.00000, 868.00000, -1.93.00000

IDC 08 20:25:32.0, 2.5, 27.07N, 143.71E, h0km, mb4.3/25, mb1 4.4/30, mb1mx4.4/47, mbtmp4.3/30, ML3.8/5, Error ellipse: s-maj=15.8km s-min=13.3km az=74.0

MOS 08 20:25:33.8, 0.9, 27.07N, 143.63E, h22km, mb4.7/39, Error ellipse: s-maj=11.3km s-min=6.4km az=111.4

NEIC 08 20:25:33.5, 0.2, 27.07N, 143.60E, h10km, mb4.7/42, Error ellipse: s-maj=6.3km s-min=5.0km az=177.0

ISCJB 08 20:25:34.4, 1.1, 27.40N, 0.03, 143.60E, 0.04, h15km, 7km, mb4.5/87, Error ellipse: s-maj=5.8km s-min=5.0km

JMA 08 20:25:34.8, 27.21N, 143.68E, h74km, M4.6, BUJ 08 20:25:35.8, 27.21N, 143.06E, h10km, mb4.5/46, mb5.0/34, Ms4.6/12, Ms7.4/211

ISC 08 20:25:37.0, 3.0, 27.12N, 0.05, 143.72E, 0.06, h35km, n182, az=206/199, mb4.6/87, 8C-2D, Bonin Islands region

Main table for 8d 20h section, listing station names, codes, and various parameters like time, resonance, and phase ID.

2012 JAN

Main table for 2012 JAN section, listing station names, codes, and various parameters like time, resonance, and phase ID.

360

Main table for 360 section, listing station names, codes, and various parameters like time, resonance, and phase ID.

Azm311.0000°; N Plg6.0000°; Azm208.0000°; P Plg26.0000°; Azm115.0000°; JMA Felt III J1.
 GCMT 08:22:13:09.6:0.2,39.43N:142°14'E, h50km±1km, MW5.2/101, Moment Tensor Solution. s71,c11; s101,c181; Duration: 1s0 Moment tensor: Scale 1017 Nm; M₀:0.65±0.02; M₀₀:0.06±0.01; M₀₁:0.58±0.01; M₁₀:0.25±0.01; M₁₁:0.13±0.01; M₁₂:0.41±0.01; Best double couple: M₀:0.78900±0.017; NP1:0.24.00000°; δ264.00000°; 7.99.00000°; NP2:0.184.00000°; δ28.00000°; 7.73.00000°; Principal axes: T: 0.8140; P1g70.0000°; Azm312.0000°; N: -0.0300; P1g8.0000°; Azm208.0000°; P: -0.7640; P1g18.0000°; Azm107.0000°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.
 NEIC 08:22:13:09.6:0.3,39.36N:141.79E, h62km±3km, mb4.9/79 Error ellipse: s-maj=3.8km s-min=2.5km az=145.0
 NEIC Felt [I] at Misawa. Also felt at Ichinoseki. Recorded [3 JMA] in Iwate and Miyagi.
 IDC 08:22:13:09.3:1.6,39.37N:141.91E, h64km±14km, mb4.3/32, mb1.4/5/37, mb1mx4.4/49, mbmp4.6/37, MS4.3/28, MS1.4/4/28, ms1mx4.2/48, Error ellipse: s-maj=12.0km s-min=8.7km az=115.0
 ISC 08:22:13:07.6:0.4,39.34N:142°07'E, h54km±2km, m5=1969910, m5b=0204, MS4.7/54, 53C-37D, Near east coast of eastern Honshu

Code	Station Name	Δ ^x	Δ ^y	Δ ^z	Phase ID	Time	Res
MIYJ	Miyakonagasaki	0.30	321	↓P	Op	22 13 16.4	-0.7
MIYJ	Miyakonagasaki	0.30	321	↓P	S	22 13 22.4	-1.6
OFUJ	Ofunato	0.41	230	↓P	S	22 13 24.4	-1.2
OFUJ	Ofunato	0.41	230	↓P	S	22 13 19.9	-0.5
JOM	Ohasama	0.61	283	↓P	S	22 13 29.5	-0.3
JOM	Ohasama	0.61	283	↓P	S	22 13 19.9	-0.6
JTH	Tanohata	0.62	345	↓P	S	22 13 29.1	-0.7
JTH	Tanohata	0.62	345	↓P	S	22 13 29.1	-0.7
JMG	Ichinoseki	0.77	240	↓P	S	22 13 32.0	-1.1
JMG	Ichinoseki	0.77	240	↓P	S	22 13 23.6	0.0
JKZ	Kuzumaki	0.86	319	↓P	S	22 13 34.8	-0.5
JKZ	Kuzumaki	0.86	319	↓P	S	22 13 25.4	-0.6
JIO	Ouri	1.05	213	↓P	S	22 13 38.5	-1.4
JIO	Ouri	1.05	213	↓P	S	22 13 37.7	-0.6
JRG	Rokugo	1.11	273	↓P	S	22 13 26.8	-0.3
JRG	Rokugo	1.11	273	↓P	S	22 13 26.5	-0.5
JANG	Nango	1.11	338	↓P	S	22 13 40.8	-0.5
JANG	Nango	1.11	338	↓P	S	22 13 30.6	0.0
JAH	Hinai	1.39	308	↓P	S	22 13 37.9	0.0
JAH	Hinai	1.39	308	↓P	S	22 13 25.3	0.2
JYK	Kaneyama	1.39	253	↓P	S	22 13 31.7	+0.2
JYK	Kaneyama	1.39	253	↓P	S	22 13 31.7	+0.2
JOU	Okura	1.47	229	↓P	S	22 13 31.3	-0.4
JOU	Okura	1.47	229	↓P	S	22 13 35.0	-0.9
JMM	Marumori	1.78	215	↓P	S	22 13 35.5	-0.4
JMM	Marumori	1.78	215	↓P	S	22 13 38.2	+0.3
JOG2	Oga 2	1.85	289	↓P	S	22 13 55.5	-0.1
JYS	Shirataka	1.92	235	↓P	S	22 13 40.8	+0.7
JYS	Shirataka	1.92	235	↓P	S	22 13 48.1	+0.4
JTB	Tobi-shima	1.95	266	↓P	S	22 13 50.1	+0.3
JTB	Tobi-shima	1.95	266	↓P	S	22 14 23.1	+0.8
JFK	Kawauchi	2.18	206	↓P	S	22 13 56.2	+0.1
JFK	Kawauchi	2.18	206	↓P	S	22 14 01.3	+0.8
JNS	Sasagawa	2.64	236	↓P	S	22 14 10.5	+2.2
JNS	Sasagawa	2.64	236	↓P	S	22 14 07.2	-1.1
ERM	Erimo	2.80	17	eP	S	22 14 09.9	+1.6
ERM	Erimo	2.80	17	eP	S	22 15 02.6	+7.2
ERM	Erimo	2.80	17	eP	S	22 14 10.2	+1.9
ERM	Erimo	2.80	17	eP	S	22 14 10.8	+2.5
ERM	Erimo	2.80	17	eP	S	22 14 56.3	+1.0
JSD	Sado	3.25	248	↓P	S	22 14 10.0	+1.4
JSD	Sado	3.25	248	↓P	S	22 14 12.4	+1.9
JAG	Ashikaga	3.57	216	↓P	S	22 14 18.4	+1.7
JAG	Ashikaga	3.57	216	↓P	S	22 14 18.1	+1.0
MAJO	Matsushiro	4.14	229	eP	S	22 15 13.2	+1.9
MAJO	Matsushiro	4.14	229	eP	S	22 16 40.6	
MAJO	Matsushiro	4.14	229	eP	S	22 14 17.9	+0.8
MAJO	Matsushiro	4.14	229	eP	S	22 15 08.4	-2.8
MAJO	Matsushiro	4.14	229	eP	S	22 14 20.4	-1.0
MAT	Matsushiro	4.14	229	eP	S	22 14 24.3	-1.4
MAT	Matsushiro	4.14	229	eP	S	22 15 22.8	-3.8
MAT	Matsushiro	4.14	229	eP	S	22 14 26.0	-0.6
MAT	Matsushiro	4.14	229	eP	S	22 15 25.9	-2.4
MJAR	Matsushiro Arr	4.14	229	P	LR	22 15 55.5	
MJB9	Matsu-Tunnel	4.14	229	eP	S	22 14 10.8	+2.5
MJB9	Matsu-Tunnel	4.14	229	eP	S	22 14 56.3	+1.0
JRY	Ryogami san	4.16	218	↓P	S	22 14 10.0	+1.4
JRY	Ryogami san	4.16	218	↓P	S	22 14 12.4	+1.9
JNG	Nisaka	4.29	228	↓P	S	22 14 18.4	+1.7
JNG	Nisaka	4.29	228	↓P	S	22 14 18.1	+1.0
ASAJ	Asahikawa	4.79	5	P	S	22 15 13.2	+1.9
ASAJ	Asahikawa	4.79	5	P	S	22 16 40.6	
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79	5	eP	S	22 14 17.9	+0.8
ASAJ	Asahikawa	4.79	5	eP	S	22 15 08.4	-2.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 20.4	-1.0
ASAJ	Asahikawa	4.79	5	eP	S	22 14 24.3	-1.4
ASAJ	Asahikawa	4.79	5	eP	S	22 15 22.8	-3.8
ASAJ	Asahikawa	4.79	5	eP	S	22 14 26.0	-0.6
ASAJ	Asahikawa	4.79	5	eP	S	22 15 25.9	-2.4
ASAJ	Asahikawa	4.79</					

2012 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like G08A Pilot Rock, MNGR Mingechevir, A, GOF Gofitskyo, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like WAKR Walker, ALNE Al Ain, BMN Battle Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like TIRR Tirusor, K22A Casper, UZH Uzhgorod, etc.

GOPC	comp-Z,700nm,21.1s	MLR	MLR		
GOPC	GO Pecny, Ondr	79.74 328	eP	P	22 25 11.6 +2.0
GOPC			eP	pP	22 25 28.4 +3.5
GOPC			AMS	AMS	23 02 40.0
PRU	comp-Z,700nm,21.1s				
PRU	Pruhonice	79.78 329	eP	P	22 25 10.5 +0.7
PRU			eP	MLR	22 25 28.9
PRU	comp-Z,800nm,21.9s				
PRU	Pruhonice	79.78 329	eP	pP	22 25 10.5 +0.7
PRU			eP	AMS	22 25 28.9 +3.8
PRU			AMS	AMS	23 02 40.0
ISCO	comp-Z,800nm,21.9s				
ISCO	Idaho Springs	79.88 46	P	P	22 25 12.4 +1.5
ISCO			P	P	22 25 12.9 +2.0
ISCO	comp-Z,39nm,1.5s				
ISCO	Idaho Springs	79.88 46	eP	P	22 25 12.9 +2.0
TREC	comp-Z,600nm,19.2s				
D3A4	Trest	79.94 328	AMS	AMS	23 03 00.0
D3A4	Park Rapids	79.96 36	P	P	22 25 11.3 +0.5
MVCO	comp-Z,312				
MVCO	Mesa Verde	79.97 50	P	P	22 25 12.9 +1.5
MVCO			P	P	22 25 13.4 +2.1
EZS	Buzias	79.98 322	iP	P	22 25 13.0 +0.0
E33A	Westby DABS, E	80.02 37	P	P	22 25 12.3 +1.2
X16A	Lo Mia Camp, P	80.02 54	eP	P	22 25 14.1 +2.5
C35A	comp-Z,22nm,1.1s				
C35A	Jirik Farms, M	80.04 35	P	P	22 25 11.9 +0.7
G32A	Webster	80.24 38	P	P	22 25 13.8 +1.5
RAYN	Ar Rayn	80.26 292	eP	P	22 25 12.7 -0.1
F33A	comp-Z,18nm,1.3s				
F33A	5 Mile Ranch,	80.38 37	P	P	22 25 13.7 +0.6
MOX	Moxa	80.41 331	P	P	22 25 14.7 +1.5
MOX			P	P	22 25 14.7 +1.5
NKC	comp-Z,23nm,1.5s				
NKC	Novy Kostel	80.42 330	eP	P	22 25 13.8 +0.6
NKC			eP	MLR	22 25 13.8 +0.6
NKC	Novy Kostel	80.42 330	eP	AMS	22 25 13.8 +0.6
NKC			AMS	AMS	23 03 40.0
D35A	comp-Z,600nm,20.6s				
D35A	Remer	80.47 35	P	P	22 25 14.2 +0.6
C36A	comp-Z,320				
C36A	Pine Crest Far	80.49 34	P	P	22 25 14.2 +0.5
MDVR	Moldovita	80.55 321	iP	P	22 25 14.2 +0.1
S22A	4UR Ranch, Cre	80.59 49	eP	P	22 25 16.4 +1.7
S22A			eP	P	22 25 17.1 +2.4
SOP	Sopron	80.73 326	P	P	22 25 17.3 +2.4
SOP			P	P	22 25 17.3 +2.4
SOP	comp-Z,23nm,1.3s				
SOP	Sopron	80.73 326	eP	P	22 25 16.0 +1.1
G33A	Ortonville	80.79 38	P	P	22 25 16.1 +0.8
D36A	Goodland	80.79 35	P	P	22 25 15.8 +0.5
C37A	Embarrass	80.80 34	P	P	22 25 15.6 +0.3
CONA	Conrad Observa	80.84 327	eP	P	22 25 16.9 +1.3
KHC	comp-Z,17nm,1.2s,SNR=7.8				
KHC	Kasperske Hory	80.85 329	eP	P	22 25 16.3 +0.7
KHC			eP	P	22 25 16.2 +0.7
KHC	Kasperske Hory	80.85 329	eP	pP	22 25 34.7 +3.8
KHC			eP	AMS	23 03 30.0
KHC	comp-Z,800nm,22.0s				
KHC	Kasperske Hory	80.85 329	eP	P	22 25 16.2 +0.7
GE2C	comp-Z,5.0nm,0.9s				
GE2C	GERESS Array S	81.02 328	eP	P	22 25 16.9 +0.3
GE2C			eP	P	22 25 16.9 +0.3
GE2C	comp-Z,18nm,1.6s				
GE2C	GERESS Array S	81.02 328	eP	P	22 25 16.9 +0.3
GERES	comp-Z,1.8nm,0.7s,baz=32,slow=5.3,SNR=18				
GERES	GERESS Array B	81.02 328	P	P	22 25 16.7 +0.2
GERES			LR	LR	23 04 18.5
GERES	comp-Z,670nm,18.7s,baz=42,slow=38				
GERES	Prehn Over Nor	81.03 38	P	P	22 25 17.3 +0.7
H3A0	GERESS Array S	81.03 328	eP	P	22 25 16.2 -0.4
WET	Wetzell	81.12 329	P	P	22 25 18.4 +1.4
WET			P	P	22 25 18.4 +1.4
C38A	comp-Z,10.0nm,1.5s				
C38A	Sawbill Land,	81.20 33	P	P	22 25 17.8 +0.4
E36A	McGregor	81.26 35	P	P	22 25 18.3 +0.6
GRF	comp-Z,320				
GRF	Grafenberg Arr	81.33 330	P	P	22 25 19.5 +1.4
GRF			P	P	22 25 19.1 +1.0
GRF	Grafenberg Arr	81.35 48	P	P	22 25 20.4 +1.6
SDCO	comp-Z,314,SNR=5.3				
SDCO	Great Sand Dun	81.35 48	eP	P	22 25 20.7 +1.9
VTS	comp-Z,23nm,1.4s				
VTS	Vitoshia	81.41 319	iP	P	22 25 19.6 +0.8
VTS			P	P	22 25 19.7 +0.8
VTS	comp-Z,26nm,1.3s				
VTS	Vitoshia	81.41 319	eP	P	22 25 19.6 +0.8
ARSA	comp-Z,16nm,1.3s				
ARSA	Arzberg	81.51 326	eP	P	22 25 19.9 +0.8
MOA	Molin	81.57 327	eP	P	22 25 20.6 +1.2
ECSD	comp-Z,17nm,1.5s,SNR=5.5				
ECSD	EROS Data Cent	81.79 39	P	P	22 25 21.3 +0.6
ECSD			P	P	22 25 21.2 +0.6
TUC	comp-Z,24nm,1.1s				
TUC	Tuosco	81.82 55	P	P	22 25 21.9 +0.8
DIVS	Divibare	81.89 322	eP	P	22 25 21.0 -0.2
H35A	comp-Z,30nm,1.6s				
H35A	Sunnydale Ranc	81.92 37	P	P	22 25 22.0 +0.8
E38A	The Farm, Brul	81.94 34	P	P	22 25 21.8 +0.5
GROS	Grobnik	82.13 326	iP	P	22 25 22.6 +0.6
SOKA	comp-Z,39nm,1.4s,SNR=14				
SOKA	State Highway	82.25 48	eP	P	22 25 23.1 -0.3
MHTCO	Pierce - Schro	82.30 35	P	P	22 25 24.2 +1.0
F38A	comp-Z,31,SNR=6.3				
T25A	Trinidad	82.40 48	P	P	22 25 24.9 +0.7
T25A			P	P	22 25 25.7 +1.5
MEM	Membach	82.48 334	P	P	22 25 23.9 -0.2
OBKA	Obir	82.51 326	eP	P	22 25 26.9 -2.5
E39A	Mellen	82.55 34	P	P	22 25 24.9 +0.3
CRES	Cresnev	82.65 326	iP	P	22 25 25.0 -0.1
VAY	Vatandergov	82.66 319	P	P	22 25 25.5 +0.4
ANMO	Albuquerque	82.72 50	P	P	22 25 27.2 +1.4
ANMO	Albuquerque	82.72 50	eP	P	22 25 28.1 +2.3
SKO	Skojpe	82.76 320	P	P	22 25 27.6 +1.9
E40A	Skojpe	82.78 320	iP	P	22 25 26.7 +1.0
E40A	Wakefield	82.78 320	P	P	22 25 26.4 +0.7
MYKA	Terra Mystica	82.80 327	eP	P	22 25 25.7 -0.2
H37A	comp-Z,1.0s,SNR=7.5				
H37A	Dierke Farm, C	82.89 36	P	P	22 25 27.0 +0.7
SRG	Schefferville	82.98 16	P	P	22 25 27.4 +0.8
CHGO	comp-Z,4.3nm,0.7s,baz=34,slow=6.0,SNR=6.5				
CHGO	Griva	83.02 318	P	P	22 25 28.5 +1.4
WATA	Walderalm	83.09 329	eP	P	22 25 29.2 +1.7
I37A	comp-Z,9.2nm,0.9s,SNR=6.1				
I37A	Lemond, Waseca	83.11 37	P	P	22 25 28.3 +0.8
E41A	Kenton	83.16 33	P	P	22 25 28.4 +0.7

baz=323					
BNM	Barren Site	83.16 51	eP	P	22 25 29.9 +1.7
ABTA	Abfaltersbach	83.17 328	eP	P	22 25 27.3 -0.6
WLF	comp-Z,12nm,1.3s				
WLF	Waldrange	83.22 333	P	P	22 25 28.6 +0.6
MOTA	Moosalm	83.27 329	eP	P	22 25 29.0 +0.6
RETA	comp-Z,14nm,0.9s,SNR=10.0				
RETA	Reutte	83.29 329	eP	P	22 25 29.1 +0.6
KRUS	comp-Z,24nm,1.5s,SNR=12				
KRUS	Krusvo	83.30 319	iP	P	22 25 28.6 0.0
TRI	Trieste	83.47 326	eP	P	22 25 28.8 -0.5
TRI			P	P	22 25 28.8 -0.5
TRI	comp-Z,11nm,1.0s				
TRI	Trieste	83.47 326	eP	P	22 25 29.9 +0.5
PDG	comp-Z,11nm,1.0s				
PDG	Podgorica	83.49 321	iP	P	22 25 29.7 +0.2
TTG	Podgorica	83.49 321	eP	P	22 25 29.7 +0.2
TTG	Podgorica	83.49 321	eP	P	22 25 29.7 +0.2
BFA	Bitola	83.52 319	eP	P	22 25 22.6 -7.1
BFO	Black Forest	83.54 331	eP	P	22 25 30.4 +0.7
BFO	Black Forest	83.54 331	eP	P	22 25 29.6 0.0
J37A	comp-Z,16nm,1.1s				
J37A	Redenius Farm,	83.57 37	P	P	22 25 30.9 +1.0
I38A	comp-Z,320				
I38A	Scanan Farm,	83.58 36	P	P	22 25 30.5 +0.6
E42A	Champion	83.62 32	P	P	22 25 30.5 +0.4
K36A	comp-Z,324				
K36A	Gilmore City	83.66 38	P	P	22 25 30.3 -0.1
FETA	Feichten	83.68 329	eP	P	22 25 30.8 +0.2
OHR	comp-Z,13nm,1.2s				
OHR	Ohrid	83.72 319	eP	P	22 25 30.7 -0.1
DAVA	comp-Z,37nm,1.6s,SNR=7.0				
DAVA	Danels	83.90 40	P	P	22 25 31.7 +0.5
M35A	Neola	83.94 30	P	P	22 25 32.6 +0.8
K37A	Belmond	83.95 38	P	P	22 25 32.4 +0.6
SLE	comp-Z,320,SNR=7.4				
SLE	Schleitheim	83.95 331	P	P	22 25 33.8 +2.0
H40A	Chili	84.00 35	P	P	22 25 32.8 +0.7
E43A	comp-Z,322				
E43A	Lonan Free Farm	84.04 32	P	P	22 25 32.9 +0.7
J38A	Wedel Dairy, R	84.07 37	P	P	22 25 32.4 0.0
ECH	Echery	84.07 332	eP	P	22 25 32.7 +0.3
ECH			P	P	22 25 32.7 +0.3
ECH	comp-Z,30nm,1.6s				
ECH	Echery	84.07 332	eP	P	22 25 32.7 +0.3
I39A	comp-Z,30nm,1.6s				
I39A	Houston	84.09 36	P	P	22 25 32.4 -0.1
FUORN	comp-Z,321				
FUORN	Ofenpass-Fuorn	84.19 329	eP	P	22 25 34.0 +0.6
DAVOX	Davos/Dischmat	84.22 329	LR	LR	23 05 57.3
J39A	comp-Z,197nm,18.7s,baz=13,slow=38				
J39A	Decorah	84.41 36	P	P	22 25 34.4 +0.3
N35A	Tabor	84.42 40	P	P	22 25 35.5 +1.3
I40A	comp-Z,319				
I40A	Norwalk	84.47 35	P	P	22 25 34.8 +0.4
HAU	Haudompre	84.55 332	eP	P	22 25 35.5 +0.7
HAU			P	P	22 25 35.5 +0.7
PMOR	comp-Z,6.0nm,0.9s				
PMOR	Pomario Rree	84.64 114	eT	T	23 58 56.5
L38A	comp-Z,96nm,0.2s				
L38A	Oak Wood Farm,	84.75 38	P	P	22 25 36.5 +0.6
M37A	Trindle Farm,	84.79 39	P	P	22 25 37.4 +1.3
P34A	Walnut Farm, R	84.80 42	P	P	22 25 36.4 +0.2
SCIA					

9d 0h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Beijing, Lanzhou, WAKE ISLAND, etc.

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

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

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

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shirataka, Yanaizu, etc.

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

Table with columns: BRTR, Keskin Array B, 145.5321, PKPbc, PKPbc, 00 26 32.6 -1.0, etc.

IDC 09 00:07:43.9:1.4, 8.47N:91.45E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.5/59, mbmp3.7/9, ML3.8/2, MS3.0/1, Ms1 3.0/1, ms1mx2.5/34, Error ellipse: s-maj=34.3km s-min=24.7km az=54.0

ISCJB 09 00:07:44.9:1.1, 8.4N:0.1:91.4E:0.1, h23km, mb3.5/7, Error ellipse: s-maj=21.4km s-min=17.5km az=161.1

ISC 09 00:07:47.1:1.2, 8.5N:0.2:91.4E:0.1, h23km, n12, c058/9, mb3.6/7, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 09 00:24:35.5:1.4, 0.3871S:93.86W, h0km, mb3.9/4, mb1 4.3/4, mb1mx3.2/20, mbmp3.9/5, MS3.3/5, Ms1 3.3/5, ms1mx3.2/20, Error ellipse: s-maj=39.0, 5km s-min=49.7km az=0.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 09 00:32:22.8:0.9, 49.1S:0.1:124.9E:0.4, h10km, mb3.8/6, MS3.8/5, Error ellipse: s-maj=39.8km s-min=15.7km az=12.4

IDC 09 00:32:23.4:0.9, 49.14S:124.91E, h0km, mb3.9/6, mb1 4.2/6, mb1mx4.0/23, mbmp4.0/6, MS3.8/5, Ms1 3.8/5, ms1mx3.5/17, Error ellipse: s-maj=46.8km s-min=19.3km az=100.0

ISC 09 00:32:24.8:1.0, 49.1S:0.1:124.9E:0.3, h10km, n15, c081/8, mb3.9/6, MS3.8/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 09 00:32:58.2:1.4, 11.97N:86.19W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.6/35, mbmp3.7/6, ML3.7/1, MS3.7/2, Ms1 3.7/2, ms1mx2.8/34, Error ellipse: s-maj=75.0km s-min=22.7km az=52.0

ISCJB 09 00:33:00.9:1.2, 11.8N:0.3:86.4W:0.3, h33km, mb3.6/5, MS3.7/2, Error ellipse: s-maj=47.8km s-min=17.4km az=44.4

ISC 09 00:33:03.2:1.2, 11.9N:0.3:86.3W:0.3, h35km, n9, c0843/3, az=44.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 09 00:33:36.6:5.4, 6.45S:129.96E, h177km, 49km, mb3.3/1, mb1 3.1/3, mb1mx2.9/26, mbmp3.6/3, MS3.6/1, Ms1 3.6/1, ms1mx3.0/11, Error ellipse: s-maj=70.3km s-min=20.3km az=72.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 09 00:39:04.4:1.6, 15.3S:0.3:72.4W:0.1, h108km, mb3.1/2, Error ellipse: s-maj=43.9km s-min=7.6km az=24.6

IDC 09 00:39:04.6:2.7, 15.56S:72.47W, h120km, 16km, mb2.9/2, mb1 3.3/6, mb1mx3.1/34, mbmp3.7/6, Error ellipse: s-maj=82.0km s-min=11.8km az=24.0

ISC 09 00:39:05.1:2.0, 15.4S:0.4:72.4W:0.2, h108km, n6, c169/9, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 09 00:55:56.2:0.8, 32.04N:0.07:104.83E:0.06, h14km, mb3.8/9, Error ellipse: s-maj=9.8km s-min=7.8km az=171.2

BUI 09 00:55:59.9:3.2:22N:104.77E, h22km, mb3.8/4, MB3.9/1, ML3.8/19, MS3.5/6, Ms1 3.4/5

IDC 09 00:56:04.2:7.3, 32.15N:104.75E, h63km, 69km, mb3.5/8, mb1 3.6/9, mb1mx3.4/44, mbmp3.7/9, Error ellipse: s-maj=56.5km s-min=18.2km az=60.0

ISC 09 00:55:58.9:0.8, 32.11N:0.07:104.81E:0.07, h14km, n14, c145/19, mb4.0/9, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

CMAR Chiang Mai Arr 14 59 203 P 00 59 32.5 +1.1

SOMN Songoing Array 17.6 4 P Pn 00 59 41.6 +1.2

WMQ Urumqi 17.82 316 eP 01 00 04.2 -2.3

MKAR Makanchi Array 22.64 317 P 01 00 59.2 -0.3

KSH Kashi 24.46 296 pP 01 01 21.1 +3.5

Zalepovo Beam 26.10 333 P 01 01 31.4 -0.6

KURBS Kurchatov Arra 26.82 321 P 01 01 38.0 -0.6

ARCES ARCCESS Array B 56.59 336 P 01 05 39.3 -1.6

FINES FINESS Array B 57.07 326 P 01 05 43.1 -1.2

WRA Waramungua Arr 58.14 342 P 01 05 58.0 -0.1

ASAR Alice Springs 62.04 316 P 01 06 18.4 -0.7

YKA Yellowknife Arr 80.56 17 P 01 08 09.4 -1.1

DDA 09 01:03:10.8, 39.55N:28.89E, h7km, Md2.6

ISK 09 01:03:10.1, 39.52N:28.87E, h13km, MD2.5, ML2.5

ISCJB 09 01:03:11.1, 0.5, 32.55N:0.03:28.86E:0.03, h3km, 7km, Error ellipse: s-maj=5.5km s-min=2.2km az=10.1

CSEM 09 01:03:11.0, 0.1, 39.53N:28.88E, h10km, MD2.5, Error ellipse: s-maj=2.6km s-min=2.3km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 09 01:14:05.0:0.6, 20.50S:0.03:69.0W:0.1, h118km, 5km, mb3.5/5, Error ellipse: s-maj=18.6km s-min=5.7km az=179.2

GUC 09 01:14:05.8:0.6, 20.46S:68.99W, h104km, 4km, ML4.0

IDC 09 01:14:06.4:1.1, 20.51S:68.66W, h120km, 8km, mb3.4/6, mb1 3.5/8, mb1mx3.2/29, mbmp3.8/8, MS2.4/1, Ms1 2.5/1, ms1mx2.3/12, Error ellipse: s-maj=26.3km s-min=23.0km az=59.0

ISC 09 01:14:05.0:0.7, 20.48S:0.04:68.93W:0.09, h113km, 6km, n18, c117/29, mb3.6/5, 8C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISCJB 09 01:21:05.1:6.3, 20.92S:112.68W, h0km, mb3.5/4, mb1 4.0/4, mb1mx3.7/26, mbmp3.5/4, MS3.8/3, Ms1 3.8/3, ms1mx3.4/12, Error ellipse: s-maj=224.7km s-min=52.5km az=107.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

GUC 09 01:42:19.6:0.6, 21.75S:68.73W, h119km, 4km, ML3.4

IDC 09 01:42:33.9:1.9, 18.38S:64.01W, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.4/21, mbmp3.8/2, ML3.0/2, Error ellipse: s-maj=68.8km s-min=30.3km az=32.0

ISC 09 01:42:19.6:1.0, 21.75S:0.05:68.8W:0.1, h132km, 11km, n14, c071/23, 8C-4D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, PB11 IPOC Station P, PSGC Pisagua, etc.

Table with columns: PDG, Podgorica, 1.94 343, ePn, Pb, 01 48 10.3 -0.7, etc.

Table with columns: NVAR, Mina Array Bea, 74.56 43, P, P, 02 44 45.6 -0.6, etc.

ATH 09 01:47:34.4, 40°6'22N, 20°01'E, h8km, 4km, ML1.8/1, Error ellipse: s-maj=4.4km s-min=1.4km az=9.0

PDG Podgorica 1.94 343 ePn Pb 01 48 10.3 -0.7

ICD 09 02:38:01.1, 0.6, 29.55Sx176.04W, h0km, mb4.4/13, mb1 4.7/16, mb1mx4.5/35, mbtmp4.5/16, ML4.1/3, MS4.0/8, Error ellipse: s-maj=22.7km s-min=14.2km az=175.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VLO Vloro, KBN Korca, KBN Korca, etc.

Table with columns: PDG, Podgorica, 1.94 343, ePn, Pb, 01 48 10.3 -0.7, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, WMGZ Waionatini S, etc.

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

Table with columns: PDG, Podgorica, 1.94 343, ePn, Pb, 01 48 10.3 -0.7, etc.

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

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

Table with columns: PDG, Podgorica, 1.94 343, ePn, Pb, 01 48 10.3 -0.7, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMOK Wichita Mounta, WMOK Wichita Mounta, WMOK McClaskey Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, AFI Amatala, URZ Urewera, etc.

DDA 09 03:16:52.7,38.64N,43.24E,h5km,ML2.7
ISK 09 03:16:52.0,38.64N,43.24E,h5km,ML2.3
ISCJB 09 03:16:53.6,0.5,38.66N,0.02,43.21E,0.05,h5km,6km,
Error ellipse: s-maj=6.8km s-min=4.0km az=1.1

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

NEIC 09 03:19:55.1±0.0,43.52S,172.80E,h8km,ML3.8(WEL),
After WEL.
NEIC 09 13:19:53.8,44.2S,173.3E,h14km,2km,ML3.6/3,1C-1D,
South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRZ Mangatoinaka R, MLZ Mavora Lakes, BFZ Birch Farm, etc.

IDC 09 03:20:56.0±1.1,0,11.78S,165.05E,h215km,130km,
mb3.3/mj 3.3/8,mb1mx3.2/37,mbtmp3.8/8, Error
ellipse: s-maj=101.9km s-min=26.6km az=160.0, Santa
Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, H11S2 WAKE ISLAND Hy 30.12, etc.

CSEM 09 03:32:18.5,46.06N,7.88E,h7km
ZUR 09 03:32:18.5,46.06N,7.88E,h7km,2km,4C,Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMK Matmark, MMK Matmark, EMBD Embd, Matterra, etc.

CSEM 09 03:32:28.6,0.1,47.08N,7.25E,h5km,ML2.1/12, Error
ellipse: s-maj=2.9km s-min=2.2km az=80.0
ZUR 09 03:32:28.1,47.09N,7.30E,h0km,4km,ML1.6/5
STR 09 03:32:30.1±0.6,47.1N,7.3E,h10km,ML2.6/MLV2.2/6,
Switzerland

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

NEIC 09 03:19:55.1±0.0,43.52S,172.80E,h8km,ML3.8(WEL),
After WEL.
NEIC 09 13:19:53.8,44.2S,173.3E,h14km,2km,ML3.6/3,1C-1D,
South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRANT Les Verrieres, MOF Molkenrain, MOF Molkenrain, etc.

ISCJB 09 03:11:40.3,0.7,25.0S,0.2,179.9E,0.1,h501km,mb3.9/7,
Error ellipse: s-maj=22.1km s-min=12.5km az=150.5
IDC 09 03:11:42.0,0.2,24.88S,179.83E,h516km,21km,mb3.4/7,
mb1 3.7/10,mb1mx3.4/33,mbtmp4.4/10, Error ellipse:
s-maj=27.1km s-min=15.9km az=157.0
ISC 09 03:11:41.0,0.7,24.8S,0.1,179.9E,0.1,h501km,n16,

NEIC 09:03:44.44.1.1.0.25:155:17W, h348km, 10km, mb4.8/24, Error ellipse: s-maj=9.7km s-min=7.9km az=110.0

ISCJB 09:03:44.46.9.0.3.25:225:0103:179:20W:0.07, h388km, mb4.3/30, Error ellipse: s-maj=8.6km s-min=3.5km az=2.2

IDC 09:03:44.49.5.2.0.25:245:179:27W, h393km, 20km, mb3.8/18, mb1.4/0.19, mb1mx3.9/27, mbtmp4.6/19, Error ellipse: s-maj=16.2km s-min=13.5km az=5.0

WEL 09:03:44.50.3.1.0.26:26:3:17:7W:3.3, h468km, 9km

ISC 09:03:44.48.2.0.4.1.25:145:005:179:17W:0.08, h388km, n151, n199/162, mb4.4/31, 50-1D, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RIZ	Raoul Island	4.24 165	S	Pn		03 47 05.8	+4.3
RAO	Raoul Island	4.24 165	P	Pn		03 47 05.2	+0.7
RAO	362nm, 0.3s, baz=53, slow=22, SNR=3.9					03 47 07.2	+5.5
RAO	Raoul Island	4.26 165	Pn	Pn		03 45 54.0	-7.9
RAO	Green Lake	4.26 165	P	Pn		03 47 07.2	+5.5
GLZK	Green Lake	4.26 165	S	Pn		03 46 05.9	+4.0
OUZ	Omahuta	11.83 210	ePn	Pn		03 47 30.1	+2.7
OUZ	Omahuta	11.83 210	P	Pn		03 47 29.3	+1.9
OUZ	Waipu Caves	12.12 206	P	Pn		03 47 33.9	+3.1
KUZ	Kuatoa	12.19 193	P	Pn		03 47 31.4	+4.4
MXZ	Matakoaka Point	12.57 189	ePn	Pn		03 47 32.4	-2.1
MXZ	Matakoaka Point	12.57 189	S	P		03 49 50.9	-1.1
MXZ	Matakoaka Point	12.57 189	P	Pn		03 47 34.5	+0.0
MXZ	Matakoaka Point	12.57 189	S	P		03 47 35.4	-1.7
HAZ	Te Kaha	12.85 191	S	P		03 47 34.5	-2.9
HAZ	Te Kaha	12.85 191	S	P		03 49 55.1	-2.4
PKGZ	Pakihoroa	12.93 190	P	Pn		03 47 36.9	-1.5
PKGZ	Pakihoroa	12.93 190	P	Pn		03 47 35.5	-1.1
RUGZ	Raukumara Rang	13.07 191	P	Pn		03 47 37.9	-2.1
RUGZ	Raukumara Rang	13.07 191	S	P		03 49 57.4	-4.8
PUZ	Puketiti	13.08 189	P	Pn		03 47 38.8	-1.3
PUZ	Puketiti	13.08 189	S	P		03 49 57.1	-5.2
TGRZ	Tauranga	13.14 196	P	Pn		03 47 43.3	+0.8
AFI	Afiamau	11.1m, 0.3s, baz=223, slow=4.3, SNR=6.9				03 47 39.8	-1.5
AFI	Afiamau	11.1m, 0.3s, baz=71, slow=23, SNR=3.9				03 50 02.7	-1.8
AFI	Afiamau	13.16 33	eP	Pn		03 47 38.9	-2.4
OPRZ	Ohinepanea	13.18 195	P	Pn		03 50 02.7	-1.8
TWGW	Tauwhareparea	13.22 190	P	Pn		03 47 43.1	-0.1
TWGW	Tauwhareparea	13.22 190	S	Pn		03 47 40.1	-1.5
KARZ	Kaharoa	13.22 196	P	Pn		03 50 04.0	-0.4
MAWZ	Matawai	13.45 191	S	P		03 47 46.4	+0.5
MWZ	Matawai	13.45 191	S	P		03 45 11.3	-2.9
URZ	Urewera	13.46 193	P	Pn		03 50 05.9	-3.8
URZ	24nm, 0.3s, baz=260, slow=3.0, SNR=6.4					03 50 41.3	-2.8
URZ	Urewera	13.46 193	eP	Pn		03 50 06.6	-3.2
URZ	Urewera	13.46 193	S	P		03 47 41.1	-3.1
URZ	Urewera	13.46 193	S	P		03 50 08.8	-1.0
URZ	Urewera	13.46 193	S	P		03 47 41.5	-2.7
OMRZ	Omania	13.47 189	P	Pn		03 47 46.1	-0.4
CNGZ	Carnagh Station	13.49 189	P	Pn		03 47 43.8	-0.7
TKGZ	Te Karaka	13.50 190	P	Pn		03 47 46.8	+0.1
TKGZ	Te Karaka	13.50 190	S	P		03 47 46.8	-0.5
DZM	Mont Dzumac	13.54 280	Pn	Pn		03 50 15.5	+0.0
DZM	14nm, 0.3s, baz=91, slow=3.0, SNR=6.2					03 47 49.6	+2.1
DZM	Mont Dzumac	13.54 280	eP	Pn		03 47 48.6	+0.0
TARZ	Tarant Tarawera	13.56 195	P	Pn		03 47 46.5	+1.1
UTU	Utuhina	13.63 191	P	Pn		03 47 46.5	+1.4
RAGZ	Rawiri	13.63 191	S	P		03 47 45.4	-0.5
RAGZ	Rawiri	13.63 191	S	P		03 50 12.6	-0.8
RRRZ	Republican Roa	13.66 195	P	Pn		03 47 48.8	+0.1
MUGZ	Murupara	13.74 194	P	Pn		03 47 46.8	-0.5
MUGZ	Murupara	13.74 194	P	Pn		03 50 15.5	+0.0
MLRZ	Manukau Road	13.77 196	P	Pn		03 47 49.8	-0.2
RIGZ	Rimuhau	13.78 190	P	Pn		03 47 44.6	-3.1
RIGZ	Rimuhau	13.78 190	S	P		03 50 13.3	-3.0
RTZ	Rautahuna	13.83 193	P	Pn		03 47 48.8	+0.5
PRRZ	Plateau Road	13.84 195	P	Pn		03 47 49.2	+0.0
TLZ	Tolley Road	13.91 192	P	Pn		03 47 49.1	-0.2
ALRZ	Allen Road	13.92 195	P	Pn		03 47 49.0	-0.2
WPRZ	Whakapapatarin	13.92 195	P	Pn		03 47 51.3	-0.4
SNGZ	Shannon Station	13.92 191	P	Pn		03 47 47.7	-1.6
PRGZ	Paritutu Road	13.97 190	P	Pn		03 50 18.1	-1.0
PRGZ	Paritutu Road	13.97 190	S	P		03 47 51.0	+0.5
PRGZ	Paritutu Road	13.97 190	S	P		03 50 18.3	-0.3
MTHZ	Maungataniwha	14.08 193	P	Pn		03 47 50.7	-0.4
KNZ	Kokohu	14.10 190	P	Pn		03 47 48.0	-3.2
RAHZ	Arahi	14.10 192	P	Pn		03 47 49.7	-1.5
WRHZ	Watea Rd	14.16 194	P	Pn		03 47 49.8	-2.1
MHGZ	Mahia Peninsula	14.19 192	P	Pn		03 47 52.2	+0.0
WHHZ	Whaihua	14.23 191	P	Pn		03 47 51.3	-1.2
HIZ	Hauti	14.26 199	eP	Pn		03 47 54.7	-0.6
NMHZ	Nauai	14.33 193	P	Pn		03 47 53.4	-0.3
ARHZ	Arapoanui	14.33 193	P	Pn		03 47 52.4	-2.8
BKZ	Black Stump Fm	14.46 194	eP	Pn		03 50 26.9	-3.0
BKZ	Black Stump Fm	14.46 194	S	P		03 50 26.3	-1.6
AKZ	Black Stump Fm	14.46 194	P	Pn		03 47 56.0	-2.0
KWHZ	Kaweka Forest	14.72 194	P	Pn		03 47 57.5	-1.1
TUNZ	Tukino	14.75 196	P	Pn		03 47 57.2	-2.8
KRHZ	Kereri	14.94 192	P	Pn		03 47 57.8	-2.4
KAHZ	Kahuranaki	14.99 192	P	Pn		03 48 08.2	-3.3
BFZ	Birch Farm	15.97 193	eP	Pn		03 48 20.2	-1.3
SNZO	South Karori	16.91 196	eP	Pn		03 51 10.0	-8.2
SNZO	123nm, 0.9s					03 48 30.9	-0.5
THZ	Tophouse	17.84 200	eP	Pn		03 51 34.3	-2.0
THZ	31nm, 1.0s					03 48 34.4	-1.4
KHZ	Kahutara	18.25 197	eP	Pn		03 48 41.4	-1.9
LTZ	Lake Taylor	18.96 200	eP	Pn		03 48 46.0	-2.8
OXZ	Oxford	19.52 199	eP	Pn		03 48 48.8	-1.6
MOZ	McQueen's Vall	19.69 198	eP	Pn		03 48 53.3	-1.7
RPZ	Rata Peaks	20.18 201	eP	Pn		03 48 54.2	-0.8
RPZ	15nm, 0.4s, baz=40, slow=2.0, SNR=15					03 48 56.3	-1.1
FOZ	Fox Glacier	20.45 203	eP	Pn		03 49 10.0	-0.2
LBZ	Lake Benmore	21.07 202	eP	Pn		03 49 05.7	-1.3
ODZ	Otauhu Downs	21.50 200	eP	Pn		03 49 16.1	-1.3
WAZ	Wanaka	21.85 203	eP	Pn		03 49 21.8	-0.2
MLZ	Mavora Lakes	22.64 204	eP	Pn		03 49 21.6	+0.3
DCZ	Deep Cove	23.09 205	eP	Pn		03 49 21.8	-0.2
WHZ	Wether Hill Ro	23.16 203	eP	Pn		03 50 43.3	+0.8
CTA	Charters Tower	32.25 272	P	Pn		03 50 43.1	+0.5
CTA	18nm, 0.5s, baz=37, slow=13, SNR=39					03 51 05.6	-0.1
CTA	Charters Tower	32.25 272	eP	Pn		03 51 23.8	+0.5
STKA	Stevens Creek	34.98 250	P	Pn		03 52 08.0	-0.2
PMG	Port Moresby	35.62 290	P	Pn		03 52 08.1	-0.1
PMG	3.6nm, 0.3s, baz=87, slow=6.2, SNR=5.3					03 51 23.0	+0.5
COEN	Coen	37.07 280	eP	Pn		03 52 07.1	-0.7
AS31	Alice Springs	42.55 262	eP	Pn		03 52 08.1	-0.1
AS31	Alice Springs	42.59 262	eP	Pn		03 52 08.0	-0.2
ASAR	Alice Springs	42.59 262	P	Pn		03 52 11.0	-0.9
WC3	Warramunga Arr	43.05 267	eP	Pn		03 52 11.0	-0.9
WRAB	Tennant Creek	43.08 267	eP	Pn		03 52 11.3	-0.8

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	43.09 267	P	Pn		03 52 11.3	-0.9
FOR	Forrest	46.60 251	eP	Pn		03 52 38.2	-1.1
FITZ	Fitzroy Crossi	51.49 266	P	Pn		03 53 15.1	-1.0
MBWA	Marble Bar	55.91 261	eP	Pn		03 53 46.5	-1.2
QSPA	South Pole Qui	64.95 180	P	Pn		03 54 49.1	+1.5
MSJA	Matsuhiro Arr	73.34 325	P	Pn		03 55 38.0	-0.7
MAW	Mawson	76.86 200	P	Pn		03 55 57.7	-0.4
KSRS	Korea Array	79.67 320	P	Pn		03 56 14.8	+1.0
KSAR	Wonju Array Be	79.69 320	P	Pn		03 56 14.8	+0.9
PETK	Petrovlovskoy	80.47 346	P	Pn		03 56 18.2	+0.5
SYR	Syowa Base	81.99 193f	eP	Pn		03 56 24.4	-1.0
USRO	Ursurskiy Arr	82.12 327	P	Pn		03 56 27.6	+0.7
SNA	Snares	83.42 179	P	Pn		03 56 32.6	-0.3
SNA	Snares	83.62 179	P	Pn		03 56 32.3	-0.5
VNA3	Neumayer Olymp	83.67 177	P	Pn		03 56 33.4	-0.3
VNA2	Neumayer-Watz	84.03 177	P	Pn		03 56 35.6	-0.2
NVAR	Mina Array Be	85.12 44	P	Pn		03 56 43.5	+1.6
PLCA	Poa Flores	86.87 134	P	Pn		03 56 52.1	+1.7
TXAR	Lajitas Array	90.45 58	P	Pn		03 57 09.0	+1.8
CMAR	Chiang Mai Arr	90.66 290	P	Pn		03 57 09.6	+1.4
ILAR	Eielsars Array	93.05 13	P	Pn		03 57 18.1	-0.1
PDAR	Pinedale Array	97.36 142	P	Pn		03 57 19.9	+0.9
LZH	Lanzhou	94.73 308	eP	Pn		03 57 26.8	0.0
LZH	Lanzhou	94.73 308	eP	Pn		03 58 49.6	7.3
LZH	Lanzhou	94.73 308	eP	Pn		03 59 24.2	-1.3
MLK	Makanchi Array	113.54 312	PKPKP			04 02 39.4	-1.4
KKAR	Kararay Array	121.21 307	PKPKP			04 02 54.7	-1.0
FRBS	Frisher Bay	121.36 29	PKPKP			04 02 54.3	-0.9
SPB	Spitsbergen Arr	126.40 356	PKP			04 03 04.4	-0.2
ARCES	ARCESS Array B	133.25 348	PKPKP			04 03 09.4	
ARCES	1.1m, 0.1s, baz=72, slow=2.0, SNR=9.6					04 03 17.1	-0.6
ARCES	1.7m, 0.6s, baz=88, slow=3.0, SNR=19					04 03 21.6	
FINES	FINESS Array B	139.85 341	PKPKP			04 06 27.8	-0.8
FINES	1.5m, 0.6s, baz=90, slow=3.0, SNR=7.7					04 03 33.8	-0.4
NB2	NORSAR Subarray	143.41 352	PKP			04 03 34.0	
NOA	NORAS Array B	143.41 352	PKPKP			04 03 34.9	
HFS	Hagfors	143.90 349	PKPKP			04 03 42.8	+0.8
AKAS	Malin Array Be	146.41 327	PKPKP			04 03 43.0	+1.0
KIEV	Kiev	146.43 327	PKPKP			04 03 45.2	-0.8
BRTR	Keskin Array B	148.92 306	PKPKP			04 03 50.5	-0.7
BEL	Belsk	149.31 335	PKPKP			04 03 51.8	+0.3
KWP	Kawliara Palt	150.21 331	PKPKP			04 03 53.9	+0.1
CSS	Mathiatis	150.32 297	PKPKP			04 03 53.3	-1.2
CSS	Ojow	150.97 335	PKPKP			04 04 01.2	-1.2
MLR	Muntele Ros	151.35 321	PKPKP			04 03 55.1	-0.6
NIE	Niedzica	151.40 333	PKPKP			04 03 57.4	+0.2
KSP	Ksiaz	151.71 339	PKPKP			04 03 58.5	+0.3

9d 4h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like AFI Afiamalu, ARMA Armadale, KNTN Kanton, etc.

2012 JAN

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like THZ, KDU Kakuu, TOO Toolangi, etc.

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Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like DAV Davao City (W), DAV Davao City (W), LUWI Luwuk, etc.

LSA	comp=Z,677nm,1.7s	81.75	302	eP	P	04 19 32.8 +1.4
LSA	comp=Z,677nm,1.7s			eS	S	04 29 46.5 +3.7
MCK	McKinley	81.85	19	eP	P	04 19 31.0 +0.4
MCK	McKinley	81.85	19	eP	P	04 19 31.0 +0.4
MCK	comp=Z,2um,1.7s			LR	LR	
DHY	Denali Highway	81.90	20	eP	P	04 19 32.2 +1.1
DHY	comp=Z,798nm,1.6s			LR	LR	
IMAR	Indian Mountain	82.10	16	eP	P	04 19 31.9 0.0
HARP	HAARP	82.21	21	eP	P	04 19 34.2 +1.7
HARP	comp=Z,3um,1.9s			LR	LR	
HARP	comp=Z,8um,21.0s			LR	LR	
MLY	Manley	82.23	17	eP	P	04 19 33.3 +0.7
MLY	comp=Z,1um,1.7s			ePP	PP	04 22 42.5 +1.0
PAX	comp=Z,28um,22.0s	82.47	20	eP	P	04 19 34.9 +0.9
PAX	Paxson			pmax	pmax	
PAX	comp=Z,750nm,1.8s			MLR	MLR	
PAX	comp=Z,13um,19.0s	82.47	20	eP	P	04 19 34.9 +0.9
PAX	comp=Z,750nm,1.8s			LR	LR	
YKU2	Yakutat	82.51	25	PFAKE	LR	04 19 50.0 +1.6
YKU2	comp=Z,32um,20.0s					
DIB	Dawson Inlet	82.54	32	eP	P	04 19 35.0 +0.7
MCCM	Marconi Confer	82.55	49	eP	P	04 19 36.1 +1.3
MCCM	comp=Z,475nm,1.3s			LR	LR	
MCCM	comp=Z,16um,19.0s			LR	LR	
KCPM	Caito Peak	82.56	47	eP	P	04 19 36.6 +1.7
KCPM	comp=Z,2um,1.9s			LR	LR	
JCC	Jacoby Creek	82.63	46	eP	P	04 19 37.3 +2.1
JCC	comp=Z,2um,1.6s			LR	LR	
KMRM	Mali Ridge	82.65	47	eP	P	04 19 37.5 +2.1
KMRM	comp=Z,2um,1.7s			ePP	PP	04 22 41.0 -4.5
KMRM	comp=Z,25um,20.0s			LR	LR	
HOPS	Hopland Field	82.69	48	eP	P	04 19 37.2 +1.7
HOPS	comp=Z,1um,1.6s			LR	LR	
GDXM	Geysers	82.83	48	eP	P	04 19 38.4 +2.0
GDXM	comp=Z,22um,18.0s			LR	LR	
CCB	Clear Creek Bu	82.85	18	eP	P	04 19 35.8 +0.1
CCB	comp=Z,586nm,1.7s			ePP	PP	04 22 43.7 -2.7
CCB	comp=Z,24um,21.0s			LR	LR	
KHMM	Horse Mountain	82.87	46	eP	P	04 19 38.7 +2.1
KHMM	comp=Z,1um,1.5s			LR	LR	
MDM	Murphy Dome	82.93	18	eP	P	04 19 36.4 +0.2
MDM	comp=Z,20um,21.0s			ePP	PP	04 22 44.7 -2.5
MDM	comp=Z,1um,1.6s			LR	LR	
HDA	Harding Lake	82.95	19	eP	P	04 19 37.1 +0.8
HDA	comp=Z,16um,22.0s			LR	LR	
MOY	Mondy	82.96	326	eP	pmax	04 19 36.7 -0.1
MOY	comp=Z,27um,22.0s			pmax	pmax	
KRMB	Red Mountain	82.97	46	eP	P	04 19 39.1 +2.0
KRMB	comp=Z,1um,1.8s			ePP	PP	04 22 48.0 -0.2
COLA	College	82.99	18	eP	P	04 19 36.9 +0.4
COLA	College	82.99	18	eP	P	04 19 36.9 +0.4
COLA	comp=Z,722nm,1.5s			LR	LR	
KBO	Bosley Butte	82.99	45	eP	P	04 19 39.5 +2.4
KBO	comp=Z,2um,1.9s			LR	LR	
MENT	Mentasta	83.06	21	eP	P	04 19 38.6 +1.7
MENT	comp=Z,4um,2.0s			LR	LR	
SIT	Sitka	83.06	28	eP	P	04 19 38.4 +1.4
SIT	Sitka	83.06	28	eP	P	04 19 38.4 +1.4
SIT	comp=Z,511nm,1.5s			LR	LR	
KEBM	Edson Butte	83.15	44	eP	P	04 19 39.7 +1.8
KEBM	comp=Z,498nm,1.3s			LR	LR	
RDG13	Poverty Ridge	83.17	50	eP	P	04 19 39.7 +1.6
RDG13	comp=Z,2um,1.9s			ePP	PP	04 22 51.0 +1.2
RDG13	comp=Z,35um,20.0s			LR	LR	
SAO	San Andreas Ge	83.18	51	eP	P	04 19 39.6 +1.5
SAO	San Andreas Ge	83.18	51	eP	P	04 19 39.6 +1.5
SAO	comp=Z,438nm,1.4s			ePP	PP	04 22 50.1 +0.2
IL1	Eielson Array	83.22	19	eP	PP	04 19 37.5 -0.2
IL1	Eielson Array	83.22	19	eP	PP	04 22 47.6 -1.9
ILAR	Eielson Array	83.22	19	eP	PP	04 19 38.2 +0.5
ILAR	comp=Z,52nm,0.9s,baz=243,slow=1.9,SNR=200			P'P'df	P'P'df	04 45 59.1 -2.3
ILAR	comp=Z,0.9nm,1.0s,baz=359,slow=2.4,SNR=4.7			LR	LR	04 51 04.8
ILB	Eielson Array	83.22	19	eP	P	04 19 37.9 +0.2
CRAG	Craig	83.31	30	eP	P	04 19 39.1 +0.8
CRAG	comp=Z,796nm,1.7s			LR	LR	
BVL	Bear Valley	83.31	51	eP	P	04 19 40.5 +1.7
DOT	Dot Lake	83.40	20	eP	P	04 19 40.1 +1.4
DOT	comp=Z,7um,1.8s			LR	LR	
L02D	Cave Junction,	83.41	45	eP	P	04 19 41.1 +2.0
PMPB	Monarch Peak	83.50	51	eP	P	04 19 41.7 +1.8
PMPB	comp=Z,2um,2.0s			ePP	PP	04 22 49.3 -3.3
SNCC	San Nicolas Is	83.61	55	eP	P	04 19 42.2 +1.8
SNCC	San Nicolas Is	83.61	55	eP	P	04 19 42.2 +1.8
SNCC	comp=Z,513nm,1.2s			LR	LR	
WDC	Whiskeytown Da	83.61	47	eP	P	04 19 41.7 +1.4
WDC	Whiskeytown Da	83.61	47	eP	P	04 19 41.7 +1.4
WDC	comp=Z,850nm,1.5s			ePP	PP	04 22 48.4 -4.9
N02D	Trinity Center	83.63	46	eP	P	04 19 42.6 +2.1
M02C	Callahan	83.67	46	eP	P	04 19 42.8 +2.1
SCZ2	Santa Cruz Isl	83.74	54	eP	P	04 19 42.6 +1.5
PAGB	Antelope Grade	83.78	52	eP	P	04 19 43.0 +1.8
PAGB	comp=Z,1um,2.0s			LR	LR	

SBC	Santa Barbara	83.81	53	P	P	04 19 43.1 +1.8
SMCM	Simmer	83.85	53	P	P	04 19 43.4 +1.8
PKM	McPherson Peak	83.86	53	P	P	04 19 43.7 +1.7
YBH	Yreka Blue Hor	83.88	46	P	P	04 19 43.5 +1.7
YBH	comp=Z,209nm,1.1s,baz=253,slow=1.0,SNR=216			PP	PP	04 22 57.4 +1.8
YBH	Yreka Blue Hor	83.88	46	eP	P	04 19 43.3 +1.5
YBH	comp=Z,716nm,1.4s			eP	PP	04 22 57.4 +1.8
BWNR	Rhubaneshwar	83.96	292	eX	P	04 19 37.0 -5.4
COLD	Coldfoot	83.98	16	eP	P	04 19 43.5 +2.0
COLD	comp=Z,1um,1.9s			LR	LR	
TAPN	Taplejung	84.01	299	eP	P	04 19 43.6 +0.6
HUMO	Hull Mountain	84.01	45	eP	P	04 19 44.1 +1.8
HUMO	comp=Z,448nm,1.3s			ePP	PP	04 22 57.2 +0.7
HUMO	comp=Z,31um,22.0s			LR	LR	
ORV	Oroville	84.03	48	eP	P	04 19 43.5 +1.1
ORV	Oroville	84.03	48	eP	P	04 19 43.5 +1.1
ORV	comp=Z,696nm,1.6s			ePP	PP	04 22 57.9 +1.1
ORV	comp=Z,13um,21.0s			LR	LR	
O03D	Paynes Creek	84.05	47	P	P	04 19 43.9 +1.3
O03D	San Clemente I	84.05	47	eP	P	04 19 43.9 +1.3
BESE	Bessie Mountai	84.07	27	eP	P	04 19 43.4 +1.2
BESE	comp=Z,2um,1.8s			LR	LR	
LGBM	Grain Butte	84.12	46	eP	P	04 19 44.8 +1.6
I03D	Drain, OR	84.12	44	P	P	04 19 44.4 +1.7
HYT	Haines Junctio	84.15	24	eP	P	04 19 44.3 +1.6
HYT	comp=Z,858nm,1.7s			ePP	PP	04 22 54.4 -3.0
WRAK	Wrangell Island	84.16	30	PFAKE	LR	04 20 00.0 +1.7
WRAK	comp=Z,25um,19.0s			LR	LR	
ODAN	Odare	84.16	299	eP	P	04 19 44.3 +0.6
AFDM	Forest Hills D	84.22	49	eP	P	04 19 44.6 +1.2
AFDM	comp=Z,773nm,1.5s			LR	LR	
BLG	Laguna Peak, P	84.23	54	P	P	04 19 44.5 +0.9
SCI2	San Clemente I	84.32	55	P	P	04 19 45.3 +1.3
SKAG	Skagway	84.33	26	eP	P	04 19 44.4 +1.0
SKAG	comp=Z,2um,1.6s			LR	LR	
CMB	Columbia Colle	84.38	50	eP	P	04 19 45.4 +1.1
CMB	Columbia Colle	84.38	50	eP	P	04 19 45.4 +1.1
CMB	comp=Z,329nm,1.3s			ePP	PP	04 23 00.1 +0.4
BBB	Bella Bella	84.45	35	P	P	04 19 45.8 +1.6
LGMM	Garner Mountai	84.46	46	eP	P	04 19 46.5 +1.7
COR	Corvallis	84.46	43	eP	P	04 19 46.3 +1.9
COR	Corvallis	84.46	43	eP	P	04 19 46.3 +1.9
COR	comp=Z,1um,1.7s			LR	LR	
M04C	Macdoel	84.51	46	P	P	04 19 46.5 +1.5
CIS	Catalina Isan	84.54	55	P	P	04 19 46.2 +1.0
LBCM	Butte Creek Ri	84.55	47	eP	P	04 19 46.6 +1.3
OSI	Osito Audit: C	84.64	53	P	P	04 19 47.1 +1.4
OSI	Osito Audit: C	84.64	53	P	P	04 19 46.7 +1.0
OSI	comp=Z,1um,1.8s			LR	LR	
ARVC	Arvin	84.70	53	P	P	04 19 47.5 +1.5
G03D	McMinnville, O	84.71	42	P	P	04 19 47.5 +1.8
KMOR	Kings Mountain	84.71	42	eP	P	04 19 47.2 +1.4
VES	Vestal, Richgr	84.71	52	P	P	04 19 46.9 +1.0
BOK	Bokaro	84.72	295	eP	P	04 19 46.0 -0.3
RCTC	Rector, Farmer	84.73	52	P	P	04 19 47.0 +1.0
FMP	Fort Macarthur	84.73	54	P	P	04 19 47.3 +1.3
F03A	Seaside	84.77	42	eP	P	04 19 47.8 +1.8
I04A	Tendick Farm,	84.79	44	eP	P	04 19 47.4 +1.2
J04D	Umpqua Nationa	84.81	44	P	P	04 19 48.2 +1.6
DECC	Green Verdugo	84.85	54	P	P	04 19 47.7 +1.0
K04D	Chiloquin, OR	84.85	45	P	P	04 19 48.3 +1.6
RAMN	Ramite	84.86	298	eP	P	04 19 47.6 +0.4
FYU	Fort Yukon	84.94	18	eP	P	04 19 47.7 +1.4
FYU	comp=Z,1um,1.6s			LR	LR	
FYU	comp=Z,2um,2.0s			LR	LR	
PASC	Pasadena Art C	84.94	54	eP	P	04 19 47.8 +0.6
PASC	comp=Z,336nm,1.4s			LR	LR	
BEKR	Beckworth	84.96	48	eP	P	04 19 48.6 +1.2
BEKR	comp=Z,1um,1.9s			ePP	PP	04 23 03.5 -1.0
BEKR	comp=Z,19um,22.0s			LR	LR	
IRO	Indian Ridge	84.97	44	eP	P	04 19 48.4 +1.1
MAW	Mawson	84.98	202	P	P	04 19 47.5 +0.8
MAW	comp=Z,167nm,1.2s,baz=96,slow=5.9,SNR=24			LR	LR	04 53 14.3
MAW	comp=Z,12um,20.6s,baz=96,slow=32			P	P	04 19 48.1 +1.5
MWC	Mount Wilson	85.06	54	eP	P	04 19 49.0 +1.0
MWC	Mount Wilson	85.06	54	eP	P	04 19 49.0 +1.0
MWC	comp=Z,1um,1.7s			LR	LR	
EGAK	Eagle	85.10	20	eP	P	04 19 48.8 +1.6
EGAK	comp=Z,18um,22.0s			LR	LR	
ISA	Isabella, Lake	85.14	53	P	P	04 19 49.7 +1.5
ISA	Isabella, Lake	85.14	53	eP	P	04 19 49.5 +1.3
ISA	Isabella, Lake	85.14	53	eP	P	04 19 49.5 +1.3
ISA	comp=Z,369nm,1.3s			ePP	PP	04 23 06.9 +0.9
WHY	Whitehorse	85.15	25	eP	P	04 19 48.6 +0.9
WHY	comp=Z,897nm,1.9s			LR	LR	
CHLP	Challavanipeta	85.16	290	eP	P	04 19 48.9 +0.3
CHLP	comp=Z,2um,1.9s			iAmb	iAmb	04 20 01.1
CHLP	comp=Z,2um,1.9s			eSKSac	SKSac	04 30 08.0 -3.4
CHLP	comp=Z,2um,25.3s			IVMS_BB	IVMS_BB	04 54 36.0
F04D	Rainier, OR	85.18	42	P	P	04 19 50.0 +2.0
WAKR	Walker	85.23	50	eP	P	04 19 50.3 +1.5
WAKR	comp=Z,982nm,1.5s			ePP	PP	04 23 07.3 +0.5

MDPB	Devils Postpil	85.24	51	eP	P	04 19 50.2 +1.2
MDPB	comp=Z,574nm,1.4s			ePP	PP	04 23 05.0 -2.0
H04A	Detroit Lake	85.25	43	eP	P	04 19 49.3 +0.8
PNTR	Pine Nut	85.28	48	eP	P	04 19 50.6 +1.5
PNTR	comp=Z,909nm,1.6s			ePP	PP	04 23 05.7 -1.6
DAWY	Dawson	85.29	21	eP		

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like FURC, BELC, 107A, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like C09A, WUAZ, Y14A, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like BGU, WUAZ, MSU, etc.

FXWY	comp=Z,13um,21.0s	LR	LR						
MCID	Moose Creek	92.69	46	eP	P	04 20 25.9 +1.8			
TPAW	Teton Pass	92.70	46	eP	P	04 20 25.7 +1.5			
TPAW	comp=Z,136nm,1.3s								
REDW	Red Top Meadow	92.75	47	eP	P	04 20 25.7 +1.2			
REDW	comp=Z,729nm,1.9s								
REDW				ePP	PP	04 24 04.3 -2.5			
REDW				LR	LR				
HRY	comp=Z,16um,19.0s								
YHB	Holter Researc	92.77	43	eP	P	04 20 25.6 +1.3			
YHB	Horse Butte	92.80	45	eP	P	04 20 26.5 +1.9			
YHB	comp=Z,419nm,1.5s								
YHB				LR	LR				
SNOW	comp=Z,34um,22.0s	92.84	46	eP	P	04 20 26.3 +1.4			
SNOW	comp=Z,167nm,1.3s								
SNOW				ePP	PP	04 24 03.3 -4.3			
SNOW				LR	LR				
MK01	comp=Z,14um,19.0s								
MK31	Makanchi Array	92.89	317	iP	P	04 20 24.9 +0.2			
MK31	Makanchi Array	92.90	317	iP	P	04 20 25.2 +0.5			
MK31	comp=Z,388nm,1.3s								
MK31	Makanchi Array	92.90	317	eP	P	04 20 25.1 +0.3			
MKAR	Makanchi Array	92.90	317	eP	P	04 20 25.3 +0.5			
MKAR	comp=Z,108nm,1.0s,baz=101,slo=5.4,SNR=462								
MKAR	comp=Z,4.0nm,1.0s,baz=88,slo=1.5,SNR=2.8			PKIKP	PKIKP	04 25 09.9 -2.4			
MKAR	comp=Z,19nm,1.0s,baz=291,slo=2.2,SNR=42			PKKPbc	PKKPbc	04 37 34.5 -0.7			
MKAR	comp=Z,2.1nm,1.0s,baz=284,slo=1.3,SNR=4.7			LR	LR	04 05 45.7 +0.4			
MKAR	comp=Z,6um,21.7s,baz=98,slo=35								
MKAR	Makanchi Array	92.90	317	eP	P	04 20 25.1 +0.3			
MKAR	comp=Z,109nm,1.0s								
MKAR	Makanchi Array	92.90	317	eP	P	04 20 25.1 +0.3			
MKAR	comp=Z,11um,1.2s								
MKAR				PKIKP	PKIKP	04 25 09.9 -2.4			
MKAR				PKKPbc	PKKPbc	04 37 34.5 -0.7			
MOOV	Moose Ponds	92.90	46	eP	P	04 20 26.3 +1.2			
MOOV	comp=Z,149nm,1.4s								
MOOV				LR	LR				
DDI	Dehra Dun	92.92	300	eP	P	04 20 23.9 -1.3			
DDI	comp=Z,429nm,2.1s			AMB	AMB	04 20 37.8			
ZAAO	Zalesovo Array	92.94	324	eP	P	04 20 23.5 -1.2			
ZAAO	comp=Z,335nm,1.3s								
ZAAO				LR	LR				
ZALV	Zalesovo Beam	92.94	324	P	P	04 20 24.2 -0.5			
ZALV	comp=Z,127nm,1.1s,baz=108,slo=4.8,SNR=231								
ZALV	comp=Z,0.9nm,0.4s,baz=298,slo=3.1,SNR=5.8			PKKPbc	PKKPbc	04 37 34.3 -1.0			
ZALV	comp=Z,2.5nm,1.0s,baz=279,slo=3.8,SNR=6.8			PKIKP	PKIKP	04 45 41.4 -3.1			
ZALV	comp=Z,6um,18.2s,baz=112,slo=37			LR	LR	05 04 33.7			
ZALV	Zalesovo Beam	92.94	324	eP	P	04 20 23.1 -1.6			
ZALV	comp=Z,127nm,1.1s,baz=108,slo=4.8,SNR=231			PKKPbc	PKKPbc	04 37 34.3 -1.0			
ZALV	comp=Z,2.5nm,1.0s,baz=279,slo=3.8,SNR=6.8			P'P'	P'P'	04 45 41.4 -3.1			
ZALV	comp=Z,6um,18.2s,baz=112,slo=37			LR	LR	05 04 33.7			
YMR	Madison River	92.94	45	eP	P	04 20 27.3 +2.1			
YMR	comp=Z,685nm,1.7s								
YMR				LR	LR				
LOHW	Long Hollow	92.98	46	eP	P	04 20 27.5 +2.0			
LOHW	comp=Z,135nm,1.3s								
PV05	Paradox Valley	93.01	52	eP	P	04 20 27.3 +1.5			
121A	Cookes Peak, D	93.03	58	P	P	04 20 27.5 +1.6			
121A	comp=Z,259nm								
YHH	Holmes Hill	93.04	45	eP	P	04 20 27.6 +1.8			
YHH	comp=Z,260nm,1.6s								
YHH				LR	LR				
PV09	Paradox Valley	93.06	52	eP	P	04 20 27.3 +1.2			
PV09	comp=Z,29um,20.0s			ePP	PP	04 24 03.4 -6.1			
MAKZ	Makanchi	93.11	317	iP	P	04 20 25.5 -0.2			
MAKZ	comp=Z,376nm,1.4s								
MAKZ	Makanchi	93.11	317	eP	P	04 20 25.9 +0.2			
MAKZ	comp=Z,508nm,1.4s								
MAKZ				LR	LR				
PV10	Paradox Valley	93.11	52	eP	P	04 20 27.3 +1.1			
YNR	Norris Junctio	93.15	45	eP	P	04 20 28.6 +2.4			
YNR	comp=Z,541nm,1.9s								
YNR				LR	LR				
H17A	Grant Village	93.16	46	P	P	04 20 28.8 +2.5			
H17A	comp=Z,258nm								
H17A	Grant Village	93.16	46	eP	P	04 20 28.6 +2.3			
H17A	comp=Z,136nm,1.3s								
H17A				LR	LR				
LKWY	Lake	93.31	45	eP	P	04 20 28.6 +1.6			
LKWY	comp=Z,48um,22.0s								
LKWY				ePP	PP	04 20 28.6 +1.6			
LKWY	comp=Z,117nm,1.3s								
LKWY				MLR	MLR				
LKWY	comp=Z,38um,19.0s								
LKWY	Lake	93.31	45	eP	P	04 20 28.6 +1.6			
LKWY	comp=Z,116nm,1.3s								
LKWY				LR	LR				
MVCO	Mesa Verde	93.31	53	P	P	04 20 28.6 +1.4			
MVCO	comp=Z,38um,19.0s								
MVCO	Mesa Verde	93.31	53	eP	P	04 20 28.3 +1.1			
MVCO	comp=Z,193nm,1.6s								
MVCO				ePP	PP	04 24 08.9 -2.6			
MVCO				LR	LR				
PV01	Paradox Valley	93.43	52	eP	P	04 20 28.6 +0.9			
BW06	Boulder Array	93.56	47	eP	P	04 20 28.9 +0.7			
BW06	comp=Z,259nm								
BW06	Boulder Array	93.56	47	eP	P	04 20 28.6 +0.4			
BW06	comp=Z,152nm,1.4s								
BW06				ePP	PP	04 24 11.0 -2.3			
BW06				LR	LR				
PD31	Pinedale Array	93.56	47	eP	P	04 20 28.7 +0.5			
PDAR	Pinedale Array	93.56	47	eP	P	04 20 28.9 +0.8			
PDAR	comp=Z,49nm,1.0s,baz=247,slo=3.1,SNR=176								
PDAR	comp=Z,1.3nm,1.1s,baz=256,slo=5.6,SNR=4.2								
PDAR				PKKPbc	PKKPbc	04 37 33.1 -1.1			
PDAR	comp=Z,1.1nm,0.8s,baz=93,slo=3.9,SNR=5.3								
PDAR	comp=Z,0.6nm,0.9s,baz=79,slo=4.7,SNR=5.3								
PDAR				LR	LR	04 55 48.8			
PDAR	Pinedale Array	93.56	47	eP	P	04 20 28.5 +0.4			
PDAR	comp=Z,49nm,1.0s,baz=247,slo=3.1,SNR=176								
PDAR				PP	PP	04 24 11.7 -1.5			
PDAR	comp=Z,1.3nm,1.1s,baz=256,slo=5.6,SNR=4.2								
PDAR				PKKPbc	PKKPbc	04 37 33.1 -1.1			
PDAR				P'P'	P'P'	04 45 45.1 -0.4			
SMLA	Simla	93.82	301	eP	P	04 20 28.0 -1.3			
SMLA	comp=Z,278nm,0.6s			AMB	AMB	04 20 41.1			
HPIG	HPIG	93.86	63	eP	P	04 20 30.2 +0.3			
HPIG	comp=Z,117nm,1.5s								
HPIG				ePP	PP	04 24 11.2 -4.8			
HPIG				LR	LR				
LAD	Ladron	93.90	56	eP	P	04 20 31.1 +1.3			
EPT	Ei Paso	93.97	59	eP	P	04 20 31.2 +1.1			
EPT	comp=Z,144nm,1.4s								
EPT				LR	LR				
Y22D	IRIS PASSCAL I	94.02	56	P	P	04 20 31.6 +1.3			
Y22D	comp=Z,22um,20.0s								
Y22D	IRIS PASSCAL I	94.02	56	eP	P	04 20 32.1 +1.8			
Y22D	comp=Z,144nm,1.4s								
Y22D				ePP	PP	04 24 13.6 -3.3			
Y22D				LR	LR				
Y22E	IRIS PASSCAL I	94.02	56	P	P	04 20 31.9 +1.5			
Y22E	comp=Z,17um,22.0s								
NVS	Novosibirsk	94.04	325	iP	P	04 20 29.0 -0.7			
NVS	comp=Z,260nm								
NVS				eS	SKS	04 31 00.9 -1.1			
NVS	comp=N,70nm,1.7s								

NVS	comp=E,153nm,1.7s								
NVS	comp=Z,3325nm,1.7s								
NVS	comp=N,38nm,2.3s								
NVS									
O20A	White River Ci	94.05	50	P	P	04 20 31.7 +1.3			
O20A	White River Ci	94.05	50	eP	P	04 20 31.5 +1.1			
O20A	comp=E,277nm,1.6s								
O20A				LR	LR				
SDNR	Sundargarh	94.05	301	eP	P	04 20 30.0 -0.4			
SDNR	comp=Z,23um,20.0s								
SDNR				eP	P	04 20 40.0			
SDNR				x	x	04 20 32.8 +2.5			
SHLS	Shalkode	94.15	313	iP	P	04 20 27.5 -3.3			
SHLS	comp=Z,1um,2.1s								
SHLS				S	SKS	04 30 58.9 -4.6			
SHLS				iP	SKS	04 20 30.1 -0.7			
SHLS				PMAX	PMAX				
SHLS				LR	LR				
GOA	Goa	94.19	285	eP	P	04 20 30.1 -1.2			
RLMT	Red Lodge	94.21	45	P	P	04 20 32.9 +1.8			
RLMT	comp=Z,41nm,1.2s								
RLMT	Red Lodge	94.21	45	PFAKE	LR	04 20 40.0 +8.9			
RLMT				LR	LR				
ANMO	Barren Site	94.27	56	eP	P	04 20 32.7 +1.1			
ANMO	comp=Z,25um,20.0s								
ANMO				ePP	PP	04 24 12.3 -6.7			
ANMO	LPM	94.30	56	eP	P	04 20 32.7 +1.0			
ANMO	Eagleton	94.42	42	P	P	04 20 33.0 +1.2			
ANMO	comp=Z,259nm								
EGMT	Eagleton	94.42	42	eP	P	04 20 33.2 +1.4			
EGMT	comp=Z,294nm,1.3s								
EGMT				LR	LR				
EGMT				LR	LR				
UZB	Uzymbulak	94.46	313	iP	P	04 20 29.9 -2.3			
UZB	comp=Z,12um,20.0s								
UZB	comp=Z,457nm,1.4s								
UZB				eS	SKS	04 31 01.9 -3.4			
UZB									

538A	baz=269 Stockton	104.90	54	Pdiff	Pdif	04 21 19.9 +1.0	L39A	baz=270 Vinton	106.42	49	Pdiff	Pdif	04 21 26.1 +0.5	GNAR		LR	LR				
W39A	Magazine	104.90	56	Pdiff	Pdif	04 21 19.9 +0.9	F31A	Pierce - Schro	106.44	45	Pdiff	Pdif	04 21 25.7 +0.1	ARU	Arti	comp=Z,14µm,22.0s	108.01 326	PKKPbc	PKKPbc	04 36 52.6 -1.1	
D35A	Remer	104.91	44	Pdiff	Pdif	04 21 18.8 0.0	U48A	Violet	106.45	55	Pdiff	Pdif	04 21 26.2 +0.3	ARU		comp=Z,2.6nm,0.5s, baz=262,slow=5.9,SNR=2.5		PKKPab	PKKPab	04 37 05.1 +0.1	
R38A	Fenwick Farm,	104.92	53	Pdiff	Pdif	04 21 19.7 +0.7	G38A	Ridgeland	106.47	46	Pdiff	Pdif	04 21 26.5 +0.8	ARU		comp=Z,0.8nm,0.3s, baz=218,slow=2.1,SNR=3.7	108.01 326 P	P'P'df	P'P'df	04 45 14.6 -1.4	
I36A	Fitzsimmons Fa	104.94	47	Pdiff	Pdif	04 21 19.1 +0.1	Y42A	Garnett, Star	106.50	58	Pdiff	Pdif	04 21 27.4 +1.3	ARU	ARU			PPP	PPP	04 21 30.8 -1.5	
140A	Cam and Jess,	104.95	59	Pdiff	Pdif	04 21 20.4 +1.2	K39A	Oelwein	106.50	49	Pdiff	Pdif	04 21 25.8 -0.1	ARU	ARU			SP	SP	04 28 25.1	
C35A	Jirik Farms, M	104.96	43	Pdiff	Pdif	04 21 19.3 +0.3	CCAR	Cane Creek	106.51	58	PFAKE	LR	04 25 50.0	ARU	ARU			SSS	SSS	04 35 24.9 +3.7	
H36A	Jessenland, He	105.01	47	Pdiff	Pdif	04 21 20.0 +0.8	O40A	La Belle	106.53	51	Pdiff	Pdif	04 21 26.6 +0.6	ARU	ARU	comp=Z,10µm,20.0s		MLR	MLR	04 45 17.9	
V39A	Pettigrew	105.04	56	Pdiff	Pdif	04 21 20.1 +0.5	343A	Vidalia	106.55	60	Pdiff	Pdif	04 21 28.0 +1.7	ARU	ARU						
MIAR	Mount Ida	105.04	57	Pdiff	Pdif	04 21 20.2 +0.6	T41A	Mountain View	106.59	54	Pdiff	Pdif	04 21 26.9 +0.4	ARU	ARU						
MIAR	Mount Ida	105.04	57	eP	Pdif	04 21 19.6 0.0	S41A	Jillico Farms,	106.61	54	Pdiff	Pdif	04 21 27.0 +0.5	ARU	ARU						
MIAR	Mount Ida	105.04	57	ePdif	LR	04 21 19.6 0.0	EYMN	Ely	106.62	43	Pdiff	Pdif	04 21 26.7 +0.3	ARU	ARU						
B35A	Bob, Littlefor	105.12	43	Pdiff	Pdif	04 21 19.8 +0.2	EYMN	Ely	106.62	43	ePdif	LR	04 21 27.3 +0.9	ARU	ARU						
L37A	Phoenix Point,	105.12	49	Pdiff	Pdif	04 21 20.3 +0.5	J39A	Decorah	106.62	48	Pdiff	Pdif	04 21 26.4 -0.1	ARU	ARU						
240A	Long Farm, Mag	105.13	58	Pdiff	Pdif	04 21 20.8 +0.8	E38A	The Farm, Brul	106.64	44	Pdiff	Pdif	04 21 26.7 +0.3	ARU	ARU						
511A	Lake Charles	105.13	62	Pdiff	Pdif	04 21 20.7 +0.7	X42A	Stuttgart	106.65	57	Pdiff	Pdif	04 21 27.9 +1.1	ARU	ARU						
G36A	St. Michael	105.13	46	Pdiff	Pdif	04 21 20.1 +0.3	243A	Waterproof	106.68	60	Pdiff	Pdif	04 21 28.2 +1.2	ARU	ARU						
Q38A	Cooks Store, C	105.16	52	Pdiff	Pdif	04 21 20.0 0.0	I39A	Houston	106.74	47	Pdiff	Pdif	04 21 27.3 +0.3	ARU	ARU						
441A	DeRidder	105.17	61	Pdiff	Pdif	04 21 21.7 +1.4	N40A	Mertquake, Sal	106.74	50	Pdiff	Pdif	04 21 27.4 +0.3	ARU	ARU						
U39A	Green Forest	105.19	55	Pdiff	Pdif	04 21 20.4 +0.1	W42A	Bald Knob	106.75	56	Pdiff	Pdif	04 21 27.8 +0.7	ARU	ARU						
K37A	Belmond	105.21	48	Pdiff	Pdif	04 21 20.6 +0.5	143A	Socs Landing,	106.78	59	Pdiff	Pdif	04 21 28.6 +1.2	ARU	ARU						
341A	Kurthwood	105.22	60	Pdiff	Pdif	04 21 21.6 +1.1	C38A	Sawbill Land.	106.78	43	Pdiff	Pdif	04 21 27.5 +0.4	ARU	ARU						
P38A	Dawn	105.25	52	Pdiff	Pdif	04 21 20.8 +0.4	M40A	Post Highland	106.79	50	Pdiff	Pdif	04 21 27.4 +0.1	ARU	ARU						
Y40A	Okolona	105.26	58	Pdiff	Pdif	04 21 21.0 +0.4	SVE	Sverdlovsk	106.82 326 eP	Pdif	04 21 26.8 -0.2	ARU	ARU								
J37A	Redenys Farm,	105.27	48	Pdiff	Pdif	04 21 20.8 +0.3	H39A	Augusta	106.89	46	Pdiff	Pdif	04 21 28.3 +0.7	ARU	ARU						
F36A	Milaca	105.29	45	Pdiff	Pdif	04 21 21.0 +0.5	Z43A	Armstrong Fami	106.93	58	Pdiff	Pdif	04 21 29.2 +1.1	ARU	ARU						
T39A	Clever	105.30	54	Pdiff	Pdif	04 21 21.6 +0.8	G39A	Holcombe	106.95	46	Pdiff	Pdif	04 21 28.7 +0.8	ARU	ARU						
Q38A	Galt	105.30	51	Pdiff	Pdif	04 21 21.1 +0.5	L40A	Anamosa	107.00	49	Pdiff	Pdif	04 21 28.8 +0.7	ARU	ARU						
S39A	Bolivar	105.36	54	Pdiff	Pdif	04 21 21.7 +0.7	CCM	Cathedral Cave	107.01	53	Pdiff	Pdif	04 21 28.4 +0.1	ARU	ARU						
I37A	Lemond, Waseca	105.39	47	Pdiff	Pdif	04 21 21.6 +0.7	CCM	Cathedral Cave	107.01	53	eP	Pdif	04 21 28.1 -0.2	ARU	ARU						
WLAR	White Oak Lake	105.39	58	ePdif	LR	04 21 22.4 +1.2	CCM	Cathedral Cave	107.01	53	ePdif	LR	04 21 28.1 -0.2	ARU	ARU						
241A	Mo Tay, Golden	105.47	60	Pdiff	Pdif	04 21 23.0 +1.4	Q41A	Truxton	107.02	52	Pdiff	Pdif	04 21 29.3 +1.0	ARU	ARU						
W40A	Ferguson Farm,	105.48	56	Pdiff	Pdif	04 21 21.9 +0.4	K40A	Colburn	107.05	49	Pdiff	Pdif	04 21 28.6 +0.2	ARU	ARU						
W40A	Ferguson Farm,	105.48	56	PFAKE	LR	04 25 50.0	F39A	Loretta	107.11	45	Pdiff	Pdif	04 21 28.7 +0.1	ARU	ARU						
N38A	Joess South For	105.49	51	Pdiff	Pdif	04 21 21.6 +0.1	T42A	Van Buren	107.13	54	Pdiff	Pdif	04 21 28.4 -0.4	ARU	ARU						
141A	Papa Simpson,	105.51	59	Pdiff	Pdif	04 21 23.3 +1.5	P41A	Barry, Barry	107.15	52	Pdiff	Pdif	04 21 30.0 +1.1	ARU	ARU						
SCIA	State Center	105.52	49	Pdiff	Pdif	04 21 22.4 +0.8	Y43A	Makayla and Ka	107.21	58	Pdiff	Pdif	04 21 30.9 +1.6	ARU	ARU						
SCIA	State Center	105.52	49	PFAKE	LR	04 25 50.0	X43A	Marvell	107.26	57	Pdiff	Pdif	04 21 30.9 +1.4	ARU	ARU						
D36A	Goodland	105.52	44	Pdiff	Pdif	04 21 21.6 +0.2	444A	Pine Grove	107.27	61	Pdiff	Pdif	04 21 31.3 +1.7	ARU	ARU						
M38A	Pleasantville	105.53	50	Pdiff	Pdif	04 21 22.5 +0.9	O41A	Pasleys Farm,	107.29	51	Pdiff	Pdif	04 21 30.2 +0.8	ARU	ARU						
R39A	Chumby, Stover	105.60	53	Pdiff	Pdif	04 21 22.7 +0.6	344A	Westbrook Farm	107.31	60	Pdiff	Pdif	04 21 31.6 +1.8	ARU	ARU						
Z41A	Richland Creek	105.63	58	Pdiff	Pdif	04 21 23.5 +1.3	E39A	Melvin	107.34	45	Pdiff	Pdif	04 21 30.4 +0.8	ARU	ARU						
X40A	Basin Creek Fa	105.65	57	Pdiff	Pdif	04 21 23.4 +1.1	244A	Avery, Jackson	107.37	60	Pdiff	Pdif	04 21 31.2 +1.2	ARU	ARU						
Q39A	Willow Grove F	105.67	52	Pdiff	Pdif	04 21 23.2 +0.9	S42A	Catonina	107.37	54	Pdiff	Pdif	04 21 30.1 +0.2	ARU	ARU						
542A	Morse	105.68	62	Pdiff	Pdif	04 21 24.9 +2.4	H40A	Norwalk	107.40	47	Pdiff	Pdif	04 21 30.4 +0.5	ARU	ARU						
U40A	Yellville	105.70	55	Pdiff	Pdif	04 21 22.9 +0.3	HBAR	Harrisburg	107.46	56	PFAKE	LR	04 25 50.0	ARU	ARU						
V40A	Witts Springs	105.71	56	Pdiff	Pdif	04 21 22.9 +0.3	PLCA	comp=Z,23µm,21.0s	107.50 139	Pdiff	Pdif	04 21 29.9 -0.7	ARU	ARU							
L38A	Oak Wood Farm,	105.71	49	Pdiff	Pdif	04 21 22.4 0.0	PLCA	comp=Z,1.8nm,1.1s, baz=203,slow=3.5,SNR=1.9		Pdiff	Pdif	04 25 38.5 -0.4	ARU	ARU							
C36A	Pine Crest Far	105.72	43	Pdiff	Pdif	04 21 22.4 +0.1	PLCA	comp=Z,4.6nm,0.9s, baz=214,slow=3.3,SNR=4.2		PP	Pdif	04 25 57.8 -0.2	ARU	ARU							
SPMN	Marine on St.	105.80	46	Pdiff	Pdif	04 21 23.3 +0.6	VBMS	Vicksburg	107.51	60	Pdiff	Pdif	04 21 32.1 +1.4	ARU	ARU						
SPMN	Marine on St.	105.80	46	ePdif	LR	04 21 23.6 +0.9	VBMS	Vicksburg	107.51	60	ePdif	LR	04 21 29.4 -1.3	ARU	ARU						
Y41A	Eaglette Beard	105.81	58	Pdiff	Pdif	04 21 23.8 +0.8	M41A	Milan	107.52	50	Pdiff	Pdif	04 21 31.3 +0.8	ARU	ARU						
442A	Mamou	105.82	61	Pdiff	Pdif	04 21 24.6 +1.5	H40A	Chili	107.53	47	Pdiff	Pdif	04 21 30.8 +0.3	ARU	ARU						
P39B	Salisbury	105.84	52	Pdiff	Pdif	04 21 23.3 +0.3	MYIG	Mörida	107.58	71	PFAKE	LR	04 25 50.0	ARU	ARU						
K38A	Parkersburg	105.85	49	Pdiff	Pdif	04 21 23.1 +0.1	EFI	East Falkland	107.59	153	PFAKE	LR	04 25 50.0	ARU	ARU						
X41A	Kaden, Bauxite	105.92	57	Pdiff	Pdif	04 21 24.7 +1.2	144A	Alexander Plac	107.61	59	Pdiff	Pdif	04 21 32.0 +1.0	ARU	ARU						
F37A	Hinrichs Farm,	105.92	45	Pdiff	Pdif	04 21 24.2 +0.9	Z44A	Pea Ridge, Bel	107.61	58	Pdiff	Pdif	04 21 32.3 +1.2	ARU	ARU						
342A	Flagon Creek P	105.94	60	Pdiff	Pdif	04 21 25.3 +1.6	445A	Amite	107.62	61	Pdiff	Pdif	04 21 32.5 +1.3	ARU	ARU						
40A	Lebanon	106.01	54	Pdiff	Pdif	04 21 24.7 +0.8	G40A	Rib Lake	107.64	46	Pdiff	Pdif	04 21 31.5 +0.6	ARU	ARU						
Q39A	Kirksville	106.01	51	Pdiff	Pdif	04 21 24.5 +0.7	PBMO	Poplar Bluff	107.66	55	ePdif	LR	04 21 29.3 -1.9	ARU	ARU						
D37A	Cotton	106.02	44	Pdiff	Pdif	04 21 24.4 +0.7	PBMO	Poplar Bluff	107.66	55	ePdif	LR	04 21 29.3 -1.9	ARU	ARU						
X301	Greenbrier Sit	106.03	56	PFAKE	LR	04 25 50.0	FVM	French Village	107.66	53	eP	Pdif	04 21 29.3 -1.9	ARU	ARU						
X301	Greenbrier Sit	106.03	56	PFAKE	LR	04 25 50.0	FVM	French Village	107.66	53	ePdif	LR	04 21 29.3 -1.9	ARU	ARU						
SCIG	Sabancuy	106.04	73	PFAKE	LR	04 25 50.0	FVM	French Village	107.66	53	ePdif	LR	04 21 29.3 -1.9	ARU	ARU						
N39A	Derby Farms, D	106.05	50	Pdiff	Pdif	04 21 24.0 +0.1	K41A	Shullsburg	107.67	49	Pdiff	Pdif	04 21 31.7 +0.6	ARU	ARU						
E37A	Wrenshall	106.06	45	Pdiff	Pdif	04 21 24.2 +0.4	U43A	Rector	107.67	55	Pdiff	Pdif	04 21 31.4 +0.1	ARU	ARU						
J38A	Wedel Dairy, R	106.06	48	Pdiff	Pdif	04 21 23.9 0.0	JFWS	Jewell Farm	107.70	48	PFAKE	LR	04 25 50.0	ARU	ARU						
UALR	University of	106.07	57	ePdif	LR	04 21 22.7 -1.5	T43A	Greenville	107.77	54	Pdiff	Pdif	04 21 31.9 +0.2	ARU	ARU						
WHAR	Woolly Hollow	106.13	56	PFAKE	LR	04 25 50.0	E40A	Wakefield	107.79	45	Pdiff	Pdif	04 21 32.2 +0.6	ARU	ARU						
WHAR																					

GEYT	comp=Z,1.0nm,0.4s,baz=103,slow=3.1,SNR=3.1	PKIKP	04 25 43.7 +0.2
GEYT	comp=Z,7.2nm,1.1s,baz=90,slow=1.5,SNR=6.1	PP	04 26 17.1 +0.4
GEYT	comp=Z,30nm,1.3s,baz=57,slow=5.5,SNR=3.8	PKKbpc	04 36 47.7 +0.9
M45A	comp=Z,1.2nm,0.4s,baz=100,slow=1.0,SNR=5.8	Pdifi	04 21 43.3 +1.8
P46A	comp=Z,277	Pdifi	04 21 43.0 +0.9
SFIN	comp=Z,42um,22.0s	PFAKE	04 26 00.0
KBS	comp=Z,6um,20.0s	PFAKE	04 26 00.0
BRAL	comp=Z,14um,21.0s	PFAKE	04 26 00.0
LRLAL	comp=Z,23um,20.0s	PFAKE	04 26 00.0
BLO	comp=Z,27um,19.0s	PFAKE	04 26 00.0
WCI	comp=Z,30um,21.0s	PFAKE	04 26 00.0
Y49A	comp=Z,27um,21.0s	Pdifi	04 21 47.3 +1.3
E45A	comp=Z,27um,21.0s	Pdifi	04 21 46.1 +0.1
PEL	comp=Z,8um,19.0s	PFAKE	04 26 00.0
SWET	comp=Z,20um,21.0s	PFAKE	04 26 00.0
X50A	comp=Z,27um,21.0s	Pdifi	04 21 49.0 +0.3
GLMI	comp=Z,27um,21.0s	PFAKE	04 26 00.0
UOSS	comp=Z,27um,21.0s	PFAKE	04 26 00.0
HDC	comp=Z,16um,22.0s	PFAKE	04 26 00.0
ABPO	comp=Z,9um,19.0s	PFAKE	04 26 00.0
CPCT	comp=Z,16um,20.0s	PFAKE	04 26 00.0
AAM	comp=Z,18um,20.0s	PFAKE	04 26 00.0
HOPE	comp=Z,8um,20.0s	PFAKE	04 26 00.0
TKL	comp=Z,20um,22.0s	PFAKE	04 26 00.0
LCO	comp=Z,9um,20.0s	PFAKE	04 26 00.0
TIGA	comp=Z,8um,21.0s	PFAKE	04 26 00.0
GOGA	comp=Z,23um,22.0s	PFAKE	04 26 00.0
BG3	comp=Z,17um,21.0s	PFAKE	04 26 00.0
DAG	comp=Z,113.80 1 / PKIKP	PKIKP	04 25 49.1 -0.5
DAG	comp=Z,113.80 1 / P	PKKbpc	04 36 39.4 +0.5
ATAH	comp=Z,19nm,0.9s,baz=263,slow=3.2,SNR=14	PKP	04 25 54.0 +1.3
ATAH	comp=Z,10nm,0.7s,baz=246,slow=6.4,SNR=16	PP	04 26 49.8 +1.9
LVZ	comp=Z,114.29 342 / PKIKP	PKP	04 25 51.3 +0.5
NNA	comp=Z,114.31 108 / PKP	PKP	04 25 52.9 +0.5
NNA	comp=Z,114.31 108 / PKIKP	PKP	04 25 53.5 +1.1
NNA	comp=Z,114.31 108 / PKP	PKP	04 25 52.9 +0.5
HODGE	comp=Z,9um,22.0s	PFAKE	04 26 00.0 +8.1
TRQA	comp=Z,20um,20.0s	PFAKE	04 26 00.0 +7.9
APA	comp=Z,7um,18.0s	PFAKE	04 25 50.1 -1.7
APA	comp=Z,7um,18.0s	PFAKE	04 26 48.0
APA	comp=Z,7um,18.0s	PFAKE	04 37 28.0 -1.9
APA	comp=Z,7um,18.0s	PFAKE	04 42 38.0 -4.9
KMSC	comp=Z,24um,21.0s	PFAKE	04 26 10.0 +1.7
TMR	comp=Z,28nm,1.5s	PFAKE	04 25 53.4 -0.1
JSC	comp=Z,20um,20.0s	PFAKE	04 25 53.4 -0.1
JSC	comp=Z,20um,20.0s	PFAKE	04 25 53.4 -0.1
KEV	comp=Z,12um,21.0s	PFAKE	04 26 00.0 +7.5
ALLY	comp=Z,26um,21.0s	PFAKE	04 25 53.2 -0.2
ERPA	comp=Z,26um,21.0s	PFAKE	04 26 50.6 -3.7
DWPF	comp=Z,14um,20.0s	PFAKE	04 25 53.7 -0.3
SADO	comp=Z,8um,20.0s	PFAKE	04 26 50.9 -4.6
N54A	comp=Z,25um,21.0s	PFAKE	04 25 53.3 -0.4
BLA	comp=Z,31um,21.0s	PFAKE	04 25 53.4 -0.5
BLA	comp=Z,18um,22.0s	PFAKE	04 26 49.8 -4.9
BLA	comp=Z,18um,22.0s	PFAKE	04 25 52.7 -1.6
M54A	comp=Z,18um,22.0s	PFAKE	04 25 52.7 -1.6
M54A	comp=Z,18um,22.0s	PFAKE	04 26 50.8 -6.2
M54A	comp=Z,18um,22.0s	PFAKE	04 25 53.2 -1.0
M54A	comp=Z,18um,22.0s	PFAKE	04 26 52.3 -4.7
M54A	comp=Z,31um,21.0s	PFAKE	04 25 53.0 -1.5
M54A	comp=Z,31um,21.0s	PFAKE	04 26 54.0 -3.9
ARCES	comp=Z,15nm,0.8s,baz=77,slow=1.5,SNR=50	PKP	04 25 53.6 0.0
ARCES	comp=Z,12nm,1.0s,baz=225,slow=1.5,SNR=14	PKKbpc	04 36 25.9 -2.3
ARCES	comp=Z,12nm,1.0s,baz=225,slow=1.5,SNR=14	PKKbpc	04 25 52.0 -1.7
ARCES	comp=Z,12nm,1.0s,baz=225,slow=1.5,SNR=14	PKKbpc	04 36 25.9 -2.3
ARCES	comp=Z,12nm,1.0s,baz=225,slow=1.5,SNR=14	PKKbpc	04 26 10.0 +1.6
OTAV	comp=Z,12um,19.0s	PFAKE	04 25 55.8 -0.1

OTAV	comp=Z,12um,19.0s	LR	04 25 54.9 -1.0
OTAV	comp=Z,12um,19.0s	LR	04 26 10.0 +1.5
BCIP	comp=Z,7um,20.0s	PFAKE	04 26 10.0 +1.5
VLDQ	comp=Z,10um,21.0s	PFAKE	04 25 52.1 -2.3
KLMR	comp=Z,12um,22.0s	PFAKE	04 25 51.3 -3.2
KLMR	comp=Z,62nm,1.4s	MLR	04 43 00.1 +0.2
KLMR	comp=Z,2um,20.0s	MLR	04 25 51.3 -3.2
KLMR	comp=Z,62nm,1.4s	MLR	04 25 55.3
KLMR	comp=Z,2um,20.0s	MLR	04 36 22.7 -4.0
KLMR	comp=Z,2um,20.0s	MLR	04 40 10.8
KLMR	comp=Z,2um,20.0s	MLR	04 43 00.1 +0.2
KLMR	comp=Z,2um,20.0s	MLR	04 05 09.0 0.3
KLMR	comp=Z,2um,20.0s	MLR	04 05 09.0 0.3
KLMR	comp=Z,2um,20.0s	MLR	05 15 41.6
KLMR	comp=Z,2um,20.0s	MLR	05 17 54.8
NHSC	comp=Z,2um,20.0s	MLR	04 25 55.3 -0.2
RGRS	comp=Z,18um,21.0s	PFAKE	04 25 55.8 +0.3
CSU	comp=Z,18um,21.0s	PFAKE	04 26 57.0 -4.8
SUMG	comp=Z,18um,21.0s	PFAKE	04 25 55.4 +0.1
SUMG	comp=Z,18um,21.0s	PFAKE	04 25 55.4 +0.1
SUMG	comp=Z,18um,21.0s	PFAKE	04 27 00.1
SUMG	comp=Z,18um,21.0s	PFAKE	04 25 55.2 +7.3
SUMG	comp=Z,18um,21.0s	PFAKE	04 25 55.7 +0.5
PB04	comp=Z,7um,20.0s	PFAKE	04 26 10.0 +1.3
MMNY	comp=Z,7um,20.0s	PFAKE	04 25 55.8 -0.4
PLVO	comp=Z,26um,20.0s	PFAKE	04 25 55.8 -0.6
ILULI	comp=Z,11um,21.0s	PFAKE	04 25 55.1 -0.7
ILULI	comp=Z,10um,19.0s	PFAKE	04 25 55.1 -0.7
ILULI	comp=Z,10um,19.0s	PFAKE	04 27 01.5 -3.3
ILULI	comp=Z,10um,19.0s	PFAKE	04 25 57.5 -0.8
SSPA	comp=Z,23um,22.0s	PFAKE	04 26 10.0 +1.3
IP04	comp=Z,23um,22.0s	PFAKE	04 25 57.5 0.0
IP04	comp=Z,23um,22.0s	PFAKE	04 27 03.4 -5.6
IP03	comp=Z,30um,21.0s	PFAKE	04 25 57.5 -0.2
IP03	comp=Z,30um,21.0s	PFAKE	04 27 04.5 -5.0
MAK	comp=Z,30um,21.0s	PFAKE	04 22 08.4 -6.1
MAK	comp=Z,30um,21.0s	PFAKE	04 25 56.8
MAK	comp=Z,30um,21.0s	PFAKE	04 27 06.7 0.2
MAK	comp=Z,30um,21.0s	PFAKE	04 29 39.3
MAK	comp=Z,30um,21.0s	PFAKE	04 32 45.1
MAK	comp=Z,30um,21.0s	PFAKE	04 43 18.3 +0.4
IP07	comp=Z,30um,21.0s	PFAKE	04 25 57.6 0.0
IP07	comp=Z,30um,21.0s	PFAKE	04 27 00.1 -9.4
IP06	comp=Z,30um,21.0s	PFAKE	04 25 57.6 -0.1
IP06	comp=Z,30um,21.0s	PFAKE	04 27 02.6 -7.1
IP01	comp=Z,28um,20.0s	PFAKE	04 25 57.3 -0.5
IP01	comp=Z,28um,20.0s	PFAKE	04 27 04.2 -5.9
SPRD	comp=Z,28um,20.0s	PFAKE	04 25 57.2 -0.7
SPRD	comp=Z,28um,20.0s	PFAKE	04 27 03.2 -7.0
JSRW	comp=Z,28um,20.0s	PFAKE	04 25 58.0 +0.1
CVRD	comp=Z,28um,20.0s	PFAKE	04 27 04.8 -5.7
CVRD	comp=Z,28um,20.0s	PFAKE	04 27 05.8 -4.8
CVRD	comp=Z,28um,20.0s	PFAKE	04 25 57.8 -0.3
IP05	comp=Z,27um,20.0s	PFAKE	04 27 05.4 -5.7
IP05	comp=Z,27um,20.0s	PFAKE	04 25 59.3 +0.5
PTRD	comp=Z,16um,22.0s	PFAKE	04 25 56.7 -1.5
SPFD	comp=Z,28um,20.0s	PFAKE	04 25 57.6 -0.8
SPFD	comp=Z,28um,20.0s	PFAKE	04 25 57.6 -0.8
CNCC	comp=Z,19um,22.0s	PFAKE	04 25 59.1 +0.5
CNCC	comp=Z,19um,22.0s	PFAKE	04 27 09.3 -3.5
CNCC	comp=Z,19um,22.0s	PFAKE	04 25 57.8 -0.8
CNCC	comp=Z,19um,22.0s	PFAKE	04 27 09.8 -3.0
SOTA	comp=Z,28um,21.0s	PFAKE	04 25 58.9 -1.2
PB11	comp=Z,28um,21.0s	PFAKE	04 25 58.9 +0.2
PAGS	comp=Z,31um,21.0s	PFAKE	04 25 58.7 -0.1
SDMD	comp=Z,8um,19.0s	PFAKE	04 25 58.7 -0.2
HORO	comp=Z,18um,19.0s	PFAKE	04 26 00.2 -0.1
PCON	comp=Z,18um,19.0s	PFAKE	04 25 58.2 -2.4
BINY	comp=Z,34um,21.0s	PFAKE	04 25 58.9 -0.2
BINY	comp=Z,34um,21.0s	PFAKE	04 25 58.9 -0.2
TRQ	comp=Z,23um,21.0s	PFAKE	04 25 58.5 -0.7
MNMC	comp=Z,23um,21.0s	PFAKE	04 26 01.1 +0.8
MNMC	comp=Z,23um,21.0s	PFAKE	04 27 14.6 -1.9
MNMC	comp=Z,23um,21.0s	PFAKE	04 25 59.8 +0.4
YOTO	comp=Z,27um,21.0s	PFAKE	04 25 57.5 -3.2
N59A	comp=Z,27um,21.0s	PFAKE	04 25 59.1 0.1
N59A	comp=Z,27um,21.0s	PFAKE	04 27 11.2 -6.7
N59A	comp=Z,27um,21.0s	PFAKE	04 25 59.9 -0.1
LONY	comp=Z,13um,20.0s	PFAKE	04 25 58.3 -1.0
SFJD	comp=Z,12um,20.0s	PFAKE	04 25 58.1 -1.2
SFJD	comp=Z,12um,20.0s	PFAKE	04 27 16.7
SFJD	comp=Z,12um,20.0s	PFAKE	04 25 58.3 -1.0
SFJD	comp=Z,12um,20.0s	PFAKE	04 25 58.2 -3.1
PLMC	comp=Z,12um,20.0s	PFAKE	04 25 59.5 -1.6
FLOC	comp=Z,12um,20.0s	PFAKE	04 25 57.5 -3.6

MTDJ	comp=Z,10um,21.0s	PFAKE	04 26 10.0 +8.8
MTDJ	comp=Z,10um,21.0s	PFAKE	04 25 59.8 -0.4
VRH	comp=Z,60nm,1.0s	PFAKE	04 27 26.7
VRH	comp=Z,60nm,1.0s	PFAKE	04 43 39.5 +2.5
VRH	comp=Z,60nm,1.0s	PFAKE	04 26 00.9 +0.2
NCB	comp=Z,14um,21.0s	PFAKE	04 26 00.8 -0.2
FRNY	comp=Z,13um,21.0s	PFAKE	04 25 56.7 -4.1
MOS	comp=Z,78nm,1.4s	PFAKE	04 33 07.0
MOS	comp=Z,200nm,1.9s	PFAKE	04 36 59.1 -12
ODNJ	comp=Z,20um,20.0s	PFAKE	04 26 02.0 +0.5
ODNJ	comp=Z,20um,20.0s	PFAKE	04 26 01.9 +0.2
BRNJ	comp=Z,20um,20.0s	PFAKE	04 26 00.1 -1.6
ACCN	comp=Z,18um,20.0s	PFAKE	04 25 58.9 -4.3
ACCN	comp=Z,18um,20.0s	PFAKE	04 26 03.5 0.0
TOLC	comp=Z,18um,20.0s	PFAKE	04 26 03.5 -1.8
RREF	comp=Z,18um,20.0s	PFAKE	04 26 03.1 -0.1
GUYC	comp=Z,18um,20.0s	PFAKE	04 27 25.4 -1.2
HELK	comp=Z,11um,22.0s	PFAKE	04 26 01.5 -1.7
HELK	comp=Z,11um,22.0s	PFAKE	04 26 01.2 -0.9
TR Y	comp=Z,20um,20.0s	PFAKE	04 26 01.6 -0.3
SCHO	comp=Z,9.1nm,1.1s,baz=122,slow=1.5,SNR=6.9	PKKbpc	04 36 13.3 +0.1
SCHO	comp=Z,9.1nm,1.1s,baz=122,slow=1.5,SNR=6.9	PKKbpc	04 26 02.1 +0.2
SCHO	comp=Z,9.1nm,1.1s,baz=122,slow=1.5,SNR=6.9	PKKbpc	04 27 18.4 -7.3
SCHO	comp=Z,9.1nm,1.1s,baz=122,slow=1.5,SNR=6.9	PKKbpc	04 36 13.3 +0.1
MOTC	comp=Z,8um,18.0s	PFAKE	04 26 00.8 -2.3
PRAC	comp=Z,8um,18.0s	PFAKE	04 26 02.8 -0.5
PRAC	comp=Z,8um,18.0s	PFAKE	04 27 25.4 -2.4
PAL	comp=Z,20um,19.0s	PFAKE	04 26 03.5 +0.2
PAL	comp=Z,20um,19.0s	PFAKE	04 26 00.6 -1.9
PAL	comp=Z,20um,19.0s	PFAKE	04 26 00.6 -1.9
CPNY	comp=Z,15um,20.0s	PFAKE	04 26 02.4 +0.2
LPSR	comp=Z,100nm,1.0s	PFAKE	04 27 33.3
VT1	comp=Z,19um,22.0s	PFAKE	04 26 00.9 -1.6
GNI	comp=Z,292nm,1.7s	PFAKE	04 26 03.5 +0.7
GNI	comp=Z,292nm,1.7s	PFAKE	04 26 03.9 +1.1
GNI	comp=Z,5um,20.0s	PFAKE	04 25 59.4 -3.4
ZEI	comp=Z,63nm,1.1s	PFAKE	04 26 02.5 0.0
GOF	comp=Z,40nm,0.9s	PFAKE	04 26 02.0 -0.4
OBN	comp=Z,98nm,1.3s	PFAKE	04 27 24.5
OBN	comp=Z,98nm,1.3s	PFAKE	04 43 56.0 +3.4
OBN	comp=Z,98nm,1.3s	PFAKE	04 26 02.2 -0.2
VORR	comp=Z,7um,20.0s	PFAKE	04 26 01.0 -1.6
NORC	comp=Z,250nm,1.0s	PFAKE	04 26 02.2 -1.7
VSR	comp=Z,80nm,1.3s	PFAKE	04 26 02.1 -0.9
VSR	comp=Z,80nm,1.3s	PFAKE	04 27 28.8
VSR	comp=Z,80nm,1.3s	PFAKE	04 43 59.4 +3.3
KBZ	comp=Z,11nm,1.0s,baz=100,slow=3.9,SNR=10	PKP	04 26 03.4 0.0
KBZ	comp=Z,11nm,1.0s,baz=100,slow=3.9,SNR=10	PKP	04 27 32.1 +1.6
KBZ	comp=Z,11nm,1.0s,baz=100,slow=3.9,SNR=10	PKKbpc	04 36 12.6 +2.2
HNN	comp=Z,12nm,1.0s,baz=255,slow=3.6,SNR=11	PFAKE	04 26 02.8 -0.6
ZARC	comp=Z,15um,19.0s	PFAKE	04 26 01.5 -2.9
KIV	comp=Z,48nm,1.2s	PFAKE	04 26 03.7 0.0
KIV	comp=Z,8um,20.0s	PFAKE	04 26 04.2 +0.5
KIV	comp=Z,8um,19.0s	PFAKE	04 26 03.8 +0.7
PUL	comp=Z,87nm,0.6s	PFAKE	04 26 04.2 +0.6
LBNH	comp=Z,21um,21.0s	PFAKE	04 26 04.2 +0.6
YLE	comp=Z,21um,21.0s	PFAKE	04 26 20.0 +1.6
AKH	comp=Z,14um,22.0s	PFAKE	04 26 05.2 +1.1
EAK	comp=Z,14um,22.0s	PFAKE	04 26 05.1 +0.9
NEY	comp=Z,3um,20.0s	PFAKE	04 26 06.1 +0.6
NEY	comp=Z,3um,20.0s	PFAKE	04 26 06.3 +0.8
LPAZ	comp=Z,54nm,1.1s,baz=273,slow=3.3,SNR=51	PKP	04 26 02.9 -2.2</

Table with columns for name, score, and other metrics. Includes entries like HRV, TVAN, CUKT, WES, BRRC, etc.

Table with columns for name, score, and other metrics. Includes entries like ISAL, BOSA, CUZAR, PUCM, SURC, etc.

Table with columns for name, score, and other metrics. Includes entries like KIS, BTIN, AKSY, etc.

Table with columns: PmoZ, Porto Moniz, M, 157.75, 6 eLR, LR, 05 22 23.0, PMAR, Madeira, 157.88, 5 ePKPdf, PKPdf, 04 27 10.2 +1.1, etc.

ISK 09 04:15:33.1, 39°10N-29°15E, h6km, MD2.4
CSEM 09 04:15:34.9, 0.2, 39°15N-29°06E, h5km, MD2.5, Error
ellipse: s-maj=4.4km s-min=3.8km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, DEMI, Demirci, 0.30 253, i, P, Sg, 04 15 40.8 -0.1, etc.

IDC 09 04:20:31.7, 1.3, 36°87N-140°86E, h0km, mb3.7/3,
mb1.4/0.4, mb1mx3.6/60, mbmtpp3.6/4, ML3.3/1, Error
ellipse: s-maj=32.7km s-min=24.4km az=139.0

ISC/JB 09 04:20:32.9, 0.7, 36°98N-140°81E, h0.06, h17km, 5km,
mb3.9/3, Error ellipse: s-maj=7.8km s-min=4.6km az=21.1
JMA 09 04:20:33.7, 0.00N-140°167E, h9km, 1km, M3.4
Broadband fault plane solution: P waves: NP1:
q=100.00000°, b54.00000°, lambda=80.00000° NP2:
q=264.00000°, b37.00000°, lambda=180.00000°. Principal axes:
T Plg9.0000°, Azm183.0000°, P Plg8.0000°,
Azm274.0000°, P Plg78.0000°, Azm45.0000°

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, ONAJ, Iwakimizuishiy, 0.14 23, up, P, Sg, 04 20 37.0 +0.5, etc.

NEIC 09 04:22:48.2, 0.0, 16°22N-94°46W, h36km, MD4.0(MEX),
After MEX.
MEX 09 04:22:48.2, 0.0, 16°22N-94°46W, h36km, 106km, MD4.0,
Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, PCIG, 1.30 113, e, S, Pn, 04 23 08.5 -1.3, etc.

Table with columns: VHO, Vista Hermosa, 2.34 292, i, P, Sn, 04 23 27.2 +2.9, etc.

ISC/JB 09 04:26:47.1, 0.4, 23°95N-121°121'73E, 0'02, h2km, 2km,
mb3.6/10, Error ellipse: s-maj=3.0km s-min=1.9km
az=30.8
NEIC 09 04:26:47.2, 0.0, 24°01N-121°161E, h1km, mb4.1/1,
ML4.4(TAP), After TAP.
NEIC Recorded [4 TAP] in Hualien and [2 TAP] in Nantou and
Yilan.
JMA 09 04:26:47.0, 0.2, 23°99N-121°66E, h0km, M3.5
TAP 09 04:26:48.0, 23°99N-121°63E, h8km, ML4.2, B
IDC 09 04:26:59.3, 6.5, 23°99N-121°61E, h108km, 61km,
mb1.3/5/10, mb1mx3.4/57, mbmtpp3.7/10, Error ellipse:
s-maj=31.2km s-min=17.2km az=74.0

ISC 09 04:26:47.9, 0.3, 23°96N-122°12'58E, 0'02, h10km, 4km,
h90, c081/129, mb3.8/10, 2C-10, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, HWA, Hualien, 0.07 281, i, P, P, 04 26 50.0 -0.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, ONAJ, Iwakimizuishiy, 0.14 23, up, P, Sg, 04 20 37.0 +0.5, etc.

NEIC 09 04:35:18.6, 7.4, 24°88S-179°77W, h491km, 54km, mb3.8/5,
mb1.3/9.7, mb1mx3.4/41, mbmtpp4.7/7, Error ellipse:
s-maj=98.6km s-min=30.4km az=44.0
ISC 09 04:35:20.4, 4.5, 25°25S-179°9W, 0.5, h496km, n8,
c063/8, mb4.3/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, TATO, Taipei, 1.02 350, e, P, Pn, 04 27 08.0 -0.4, etc.

Table with columns: NCUH, Zhongli, 1.10 336, e, P, Pn, 04 27 10.1 +0.7, etc.

WEL 09 04:28:41.2, 40'S, 1°17'E, h27km, 4km, ML4.2, 9, North

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, KAHZ, Kahuranaki, 0.09 333, P, P, 04 28 45.8 -0.3, etc.

IDC 09 04:35:18.6, 7.4, 24°88S-179°77W, h491km, 54km, mb3.8/5,
mb1.3/9.7, mb1mx3.4/41, mbmtpp4.7/7, Error ellipse:
s-maj=98.6km s-min=30.4km az=44.0
ISC 09 04:35:20.4, 4.5, 25°25S-179°9W, 0.5, h496km, n8,
c063/8, mb4.3/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, DMZ, Dumzang, 12.88 281, P, P, 04 38 09.0 +0.5, etc.

Table with columns: FITZ, FIZZY Crossi, 50.82 267 P, P, 04 43 33.9 -0.9

Table with columns: TORD, Torodi Ar. Bea, 167.94 188 PKPab, PKPab, 04 55 41.0 +0.3

IDC 09 04:41:19.8z.2.9, 35:47N; 140:81E, h0km, mb3.4/3, mb1 3.5/4, mb1mx3.3/47, mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=93.5km s-min=25.1km az=54.0

ISCBJ 09 04:41:20.6z.1.0, 35:68N; 140:05:14.0E; 0.1, h20km, 5.0, mb3.4/3, Error ellipse: s-maj=16.1km s-min=7.2km az=156.6

JMA 09 04:41:21.5z.0.1, 35:65N; 140:85E, h15km; 1km, M3.6 Broadband fault plane solution: P waves. NP1: 0.23, 0.00000, 0.849, 0.00000, -1.96, 0.00000, -NP2: 0.212, 0.00000, 0.471, 0.00000, -1.83, 0.00000 Principal axes: T P1g4.00000, Azm117.00000, N P1g5.00000, Azm27.00000; P P1g4.00000, Azm246.00000;

JMA Felt II J1. ISC 09 04:41:21.2z.1.2, 35:68N; 140:92E; 0.10, h16km, 5km, n12, c1512/16, mb3.6/3, 4C-3D, Near east coast of eastern Honshu

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

NEIC 09 04:48:06.4z.0.0, 37:52S; 179:99E, h33km, ML4.0(WEL), After WEL

WEL 09 04:48:06.8z.38'S; 180E; h33km, ML3.9/20, Off east coast of North Island

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

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

IDC 09 05:08:01.2z.3.2, 53:69N; 88:10E, h0km, mb1 2.8/2, mb1mx2.6/49, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=27.2km s-min=16.3km az=60.0, Southwestern Siberia

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

ISCJBJ 09 05:13:53.0z.4.1, 56S; 0:04; 120:55E; 0:05, h23km, mb4.0/14, MS4.8/2, Error ellipse: s-maj=6.8km s-min=5.9km az=177.1

DJA 09 05:13:53.1z.0.3, 1:54; 120E; h10km, M4.7/7, ML4.7/7 NEIC 09 05:13:58.2z.1.4, 1:60S; 120E; h47km, 15km, mb4.4/2, Error ellipse: s-maj=15.6km s-min=9.5km az=84.0

NEIC Felt III at Poso. IDC 09 05:13:58.0z.5.5, 1:51S; 120:91E, h47km, 58km, mb3.8/11, mb1 3.9/12, mb1mx3.6/40, mbtmp4.0/12, ML3.1/1, MS4.7/2, Ms 1.4/2, ms1mx3.9/42, Error ellipse: s-maj=41.4km s-min=15.7km az=63.0

ISC 09 05:13:55.2z.0.6, 1:60S; 0:05; 120:55E; 0:06, h23km, n13, c1512/31, mb4.2/14, Sulawesi

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

Table with columns: JFY, Yanaizu, 1.29 298 P, P, 04 51 37.5 -0.5

Table with columns: JAG, Ashikaga, 1.41 254 P, P, 04 51 57.4 +1.3

Table with columns: MJAR, Matsushiro Arr, 2.37 264 P, P, 04 51 52.5 +1.0

Table with columns: MAT, Matsushiro, 2.37 264 P, P, 04 51 52.9 +1.4

Table with columns: JHJ, Hachijo jima 2, 3.85 197 P, P, 04 52 12.6 +0.8

Table with columns: KSRs, Korea Array, 10.57 277 P, P, 04 53 44.3 +0.3

Table with columns: SONM, Songoing Array, 17.27 304 P, P, 04 57 00.2 -0.3

Table with columns: H1N2, WAKE ISLAND Hy 28.23 120 T, T, 05 26 26.5

Table with columns: H1N1, WAKE ISLAND Hy 28.24 120 T, T, 05 26 26.6

Table with columns: H1N3, WAKE ISLAND Hy 28.25 120 T, T, 05 26 27.4

Table with columns: H1S1, WAKE ISLAND Hy 28.93 122 T, T, 05 27 19.3

Table with columns: H1S3, WAKE ISLAND Hy 28.93 122 T, T, 05 27 18.6

Table with columns: H1S2, WAKE ISLAND Hy 28.95 122 T, T, 05 27 20.5

Table with columns: MKAR, Makanchi Array, 44.05 302 P, P, 04 59 20.2 +0.5

Table with columns: KURBB, Kurchatov Arra, 45.96 308 P, P, 04 59 34.6 -0.2

Table with columns: ILAR, Eielson Array, 49.80 32 P, P, 05 00 04.6 +0.3

Table with columns: WRA, Warramunga Arr, 56.81 188 P, P, 05 00 55.4 -1.0

Table with columns: ASAR, Alice Springs, 60.54 188 P, P, 05 01 21.8 -0.5

Table with columns: YKA, Yellowknife Arr, 64.11 30 P, P, 05 01 45.2 -0.5

Table with columns: AKASA, Malin Array, 74.93 322 P, P, 05 02 49.0 -0.2

Table with columns: NVAR, Mina Array Bea, 75.30 53 P, P, 05 02 56.6 +1.2

ISK 09 04:52:40.1z.40:44N; 42:38E, h5km, MD2.5, ML2.4 ISCBJ 09 04:52:41.6z.0.5, 40:47N; 0:03; 42:39E; 0:03, h10km, 4km, Error ellipse: s-maj=4.8km s-min=4.3km az=12.9

CSEEM 09 04:52:41.3z.0.1, 40:47N; 42:39E, h10km, MD2.5, Error ellipse: s-maj=3.3km s-min=2.7km az=22.0

DDA 09 04:52:41.3z.40:47N; 42:39E, h7km, ML2.8 ISC 09 04:52:41.6z.1.0, 40:47N; 0:03; 42:39E; 0:02, h9km, 7km, n26, c0414/0, Turkey

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

IDC 09 05:08:01.2z.3.2, 53:69N; 88:10E, h0km, mb1 2.8/2, mb1mx2.6/49, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=27.2km s-min=16.3km az=60.0, Southwestern Siberia

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

Table with columns: ASAR, Alice Springs, 25.47 150 P, P, 05 19 20.8 -1.0

Table with columns: CMAR, Chang Mai Arr, 29.14 314 P, P, 05 19 57.6 +2.8

Table with columns: STKA, Stephens Creek, 36.07 149 P, P, 05 20 55.0 -0.2

Table with columns: KSAR, Koyak Koyak, 39.44 9 P, P, 05 21 25.4 +1.7

Table with columns: KSRs, Korea Array, 38.46 9 P, P, 05 21 25.4 +1.6

Table with columns: PALK, Palkelele, 40.72 283 LR, LR, 05 40 22.4

Table with columns: MJAR, Matsushiro Arr, 41.36 32 P, P, 05 21 38.3 -1.3

Table with columns: ULN, Ulanbaatar, 50.66 348 eP, P, 05 22 53.0 +0.1

Table with columns: SONM, Songoing Array, 50.77 348 P, P, 05 22 54.2 +0.5

Table with columns: MKAR, Makanchi Array, 58.73 330 P, P, 05 23 51.0 -0.4

Table with columns: AAK, Ala-Archa, 60.45 322 P, P, 05 24 05.0 +1.5

Table with columns: ZALV, Zalesovo Beam, 62.79 337 P, P, 05 24 17.1 -1.7

Table with columns: KURBB, Kurchatov Arra, 63.15 331 P, P, 05 24 21.6 +0.4

Table with columns: KURKB, Kurchatov, 63.17 332 P, P, 05 24 22.4 +1.0

Table with columns: BRTR, Keskin Array B, 86.63 310 P, P, 05 26 47.7 +0.7

Table with columns: KDAK, Kodiak Island, 89.67 32 LR, LR, 06 01 35.6

KRSC 09 05:17:18.9z.1.1, 51:28N; 159:34E, h60km; 15km, ML3.7, Off east coast of Kamchatka Peninsula

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

IDC 09 05:23:51.2z.1.6, 50:23N; 129:73W, h0km, mb3.7/4, mb1 3.7/11, mb1mx3.5/44, mbtmp3.5/11, ML3.3/6, Error ellipse: s-maj=25.8km s-min=13.3km az=77.0

PGC 09 05:24:02.7z.5.9, 50:77N; 128:76W, h10km, MLsn2.8/8, Mw3.4/8, 95km west of Pt. Hardy, Bc Vancouver Island, Canada Region

ISC 09 05:23:57.2z.2.0, 50:51N; 0:07; 129:30W; 0:09, h32km; 13km, n23, c2923/25, mb3.7/4, Vancouver Island region

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

IDC 09 05:32:01.0z.0.9, 4:48S; 126:67E, h0km, mb4.0/7, mb1 4.2/8, mb1mx3.9/34, mbtmp4.0/8, ML3.4/1, Error ellipse: s-maj=62.1km s-min=16.8km az=61.0

NEIC 09 05:32:03.0z.0.5, 4:55S; 126:70E, h10km, mb4.3/8, Error ellipse: s-maj=14.7km s-min=7.3km az=52.0

ISCJBJ 09 05:32:04.1z.0.4, 4:51S; 126:80E; 0:06, h33km, mb4.9/12, Error ellipse: s-maj=8.4km s-min=5.3km az=156.4

DJA 09 05:32:06.1z.2.0, 4:5S; 15:12E; 1:5, h10km, M4.3/3, ML4.3/3

ISC 09 05:32:06.3z.0.6, 4:52S; 0:06; 126:77E; 0:07, h35km, n35, c190/35, mb4.4/12, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, ILAR, YKA, PDAR, NVAR, WRA.

ATH 09 06:10:56.7, 37.45N, 26.95E, h26km, 1km, ML3.3/4, Error ellipse: s-maj=2.0km s-min=0.9km az=82.0

ISCJB 09 06:10:57.8, 0.5, 37.47N, 0.02, 26.92E, 0.02, h2km, 4km, Error ellipse: s-maj=3.1km s-min=2.7km az=166.6

DDA 09 06:10:57.9, 37.47N, 26.98E, h2km, ML3.3, Error ellipse: s-maj=1.0km s-min=0.5km az=71.0

CSEM 09 06:10:58.2, 0.1, 37.47N, 26.93E, h10km, ML3.3, Error ellipse: s-maj=2.4km s-min=2.9km az=89.0

ISC 09 06:10:58.8, 1.1, 37.44N, 0.01, 26.96E, 0.02, h9km, 9km, 1166, 1501/207, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Dodecanese Islands region.

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

CHOS Chios island 1.19 323 S S 06 11 39.3 +0.4

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across the Aegean and Ionian Seas.

ISCJB 09 06:19:21.9, 0.5, 40.00N, 0.03, 143.73E, 0.05, h6km, az=38.4

ISC 09 06:19:22.0, 2.0, 39.94N, 143.67E, h0km, mb3.6/13, mb1.3, 8/15, mb1mx3.7/42, mbtmp3.6/15, ML3.3/2, Error ellipse: s-maj=20.6km s-min=16.5km az=107.0

JMA 09 06:19:24.0, 0.7, 40.01N, 143.09E, h3km, 10.8, 8, ISC 09 06:19:23.3, 0.7, 40.01N, 0.05, 143.70E, 0.06, h6km, n35, c114/40, mb3.7/13, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Japan region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Yellowknife region.

YKA Yellowknife Ar 60.34 32 P P 06 29 32.9 +0.3

ASAR Alice Springs 64.00 190 P P 06 29 56.9 -0.7

FINES Finess Array B 67.02 332 P P 06 30 16.5 -0.2

NVAR Mina Array Bea 71.80 55 P P 06 30 48.1 +1.1

NOA NORSAR Array B 72.13 338 P P 06 30 48.3 -0.1

KAGS Malin Array Be 73.03 323 P P 06 30 53.8 -0.1

PDAR Pinedale Array 74.32 47 P P 06 31 01.9 0.0

ISC 09 06:28:45.7, 1.1, 39.04N, 106.10E, h0km, mb3.3/4, mb1.3, 4/6, mb1mx3.2/44, mbtmp3.2/6, ML2.8/2, Error ellipse: s-maj=43.8km s-min=18.3km az=73.0

ISCJB 09 06:28:48.3, 1.0, 39.06N, 108.06E, 0.2, h33km, mb3.3/3, Error ellipse: s-maj=25.2km s-min=11.3km az=173.4

ISC 09 06:28:50.7, 1.2, 39.00N, 105.9E, 0.2, h35km, n6, c112/17, mb3.3/3, Western Nile Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Western Nile Mongol region.

AFI Afiamalu 2.41 42 Op ISC 06 33 29.1 -1.7

ASAR Alice Springs 49.97 252 P P 06 41 45.5 -0.9

NVAR Mina Array Bea 74.58 42 P P 06 44 32.9 +0.5

PDAR Pinedale Array 82.52 42 P P 06 45 14.2 -0.9

YKA Yellowknife Ar 90.39 23 P P 06 45 52.4 -0.5

BRTR Keskin Array B 146.36 321 PKPbc PKPab 06 52 34.2 0.0

ISCJB 09 06:32:54.5, 0.4, 30.03S, 0.03, 176.21W, 0.07, h10km, mb4.5/21, Error ellipse: s-maj=8.9km s-min=3.4km az=20.4

ISC 09 06:32:54.7, 0.7, 29.62S, 176.21W, h0km, mb4.4/12, mb1.4, 0/1, mb1mx4.5/31, mb1mx3.7/45, ML3.8/3, MS4.8/1, Ms1.4, 8/1, ms1mx3.4/34, Error ellipse: s-maj=27.2km s-min=16.6km az=160.0

NEIC 09 06:32:56.3, 0.4, 29.60S, 176.21W, h10km, mb4.8/14, Error ellipse: s-maj=9.6km s-min=7.1km az=119.0

WEL 09 06:33:03.1, 1.7, 30.5S, 17.6W, 1.8, h33km, ML5.0/2, ISC 09 06:33:04.5, 0.5, 29.87S, 0.06, 176.30W, 0.06, h21km, n94, c232/104, mb4.7/21, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Kermadec Islands region.

9d 9h

Table of station data for 9d 9h, including call signs like DZM, GEY, and YKB, frequencies, and coordinates.

2012 JAN

Main table of station data for 2012 JAN, listing call signs, frequencies, and coordinates for stations like BOZ, NV01, and YHB.

396

Table of station data for 396, including call signs like MKAR, MAKZ, and BVAR, and their respective frequencies.

ISCJB 09 08:56:18.8-0.5, 37.42N-0.03-27.67E-0.04, h10km, 5km, Error ellipse: s-maj=5.1km s-min=4.7km az=146.0

Table of station data for 396, including call signs like AYDN, BDRM, and GCMAM, and their respective frequencies.

ISCJB 09 09:03:30.7-0.3, 37.22N-0.03-31.09E-0.03, h123km, 3km, mb3.8/8, Error ellipse: s-maj=4.4km s-min=3.6km az=3.2

Table of station data for 396, including call signs like SUTC, ANTB, and BCK, and their respective frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEKE, TEVE, ILAR, INK, YKA, ULM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNPM, ILAR, INK, YKA, ULM, NIED, JMA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWG, MASBT, FULB, TWM1, WSSB, ELDTW, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDA, ISK, ATH, ISCJB, etc.

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

IDC 09:09:07:38.92.1, 54.262N, 86.16E, h0km, mb1 3.4/3,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 146RU, ZALV, ZALV, etc.

IDC 09:19:55.5.5, 9.85S, 125.81E, h89km, mb3.3/1,

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

ISCJB 09:23:03.0.1, 57.22N, 0.1x155.3W, 0.1, h57km, mb4.1/1,

NEIC 09:23:04.1.0, 57.11N, 155.32W, h35km, ML2.8(AEIC),

IDC 09:23:05.5.3, 56.85N, 154.00W, h0km, mb3.2/2,

ISC 09:23:04.6.1, 3.5717N, 0.0915536W, 0.06, h57km, n12,

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

TAP 09:09:34:02.2, 22:05N, 121.36E, h16km, mb1.3, ML3.5, 1D, C,

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

Taiwan region

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

MAN 09:09:35:32, 11:11N, 124.67E, h32km, mb2.4, ML3.1, MS2.8,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THR3, THR3, THR3, etc.

CMBO

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

9d 10h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MHLA, SERI, IACM, NPS, ANOYIA, LASITHI, VAMOS, etc.

2012 JAN

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CHOS, DID, ATH, URLA, ARG, etc.

398

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GADA, ALN, STEP, BALIKESIR, SAVA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erkin-Say, UCH, AAK, KZA.

BUIJ 09 10:35:41.5, 0.235S, 123.70E, h144km, mb4.7/30, mB4.9/23
ISCJB 09 10:35:44.6, 0.3, 0.05S, 123.21E, 0.03, h157km, 3km,
mb4.4/53, Error ellipse: s-maj=5.4km s-min=3.9km
az=26.8

NEIC 09 10:35:46.1, 0.6, 0.05S, 123.17E, h156km, 6km, mb4.6/21,
Error ellipse: s-maj=8.5km s-min=4.4km az=63.0

DJA 09 10:35:47.3, 0.3, 0.0, S, 12.3E, h134km, 5km, M4.6/13,
mB4.8/2, mb4.6/5, MLV4.7/13, Mw(mB4.1/2

IDC 09 10:35:47.4, 2.3, 0.03S, 123.18E, h169km, 21km, mb3.9/24,
mb1.4/2, 0.25, mb1mx3.9/47, mbtmp4.3/25, MS2.8/2,
Ms1.2/9.2, ms1mx2.6/40, Error ellipse: s-maj=16.3km
s-min=7.5km az=69.0

ISC 09 10:35:45.9, 0.5, 0.14S, 0.04, 123.23E, 0.03, h153km, 4km,
m06, 0.1556/140, mb4.5/53, Minahasa Peninsula,
Sulawesi

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUWI, MRSI, AAPI, SPSI, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LZH, HHC, CAN, LSA, etc.

ISCJB 09 10:41:10.8, 0.8, 0.30, 19N, 0.04, 80.24E, 0.06, h23km,
mb3.3/2, MS3.5/1, Error ellipse: s-maj=8.1km s-min=6.1km
az=166.2
NDI 09 10:41:11.4, 1.9, 30.22N, 80.23E, h10km, ML3.1
IDC 09 10:41:22.3, 9.4, 30.46N, 79.97E, h150km, 80km, mb3.0/3,
mb1.3/1.5, mb1mx2.8/47, mbtmp3.5/5, MS3.5/1, Ms1.3/6.1,
ms1mx2.5/35, Error ellipse: s-maj=129.7km s-min=27.6km
az=58.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTH, JOSI, SMLA, etc.

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

IDC 09 10:45:47.2, 0.7, 38.21S, 74.62W, h0km, mb4.2/11,
mb1.4/4.14, mb1mx4.2/35, mbtmp4.2/14, ML4.4/3, MS3.7/5,
Ms1.3/7.5, ms1mx3.4/19, Error ellipse: s-maj=26.4km
s-min=17.5km az=54.0

ISCJB 09 10:45:49.3, 2.1, 38.03S, 0.03, 74.42W, 0.07, h16km, 14km,
mb4.6/39, MS3.7/3, Error ellipse: s-maj=9.2km
s-min=5.3km az=161.8

GUC 09 10:45:51.8, 0.8, 37.98S, 74.35W, h33km, 4km, ML3.9
NEIC 09 10:45:52.7, 0.6, 38.12S, 74.42W, h34km, 4km, mb4.6/29,
Error ellipse: s-maj=6.8km s-min=4.9km az=69.0

ISC 09 10:45:52.1, 0.5, 38.05S, 0.04, 74.41W, 0.07, h29km, 2km,
h23km, pP, n97, r095/123, mb4.7/39, MS3.5/3, 1C-2D,

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMU, CCSP, etc.

2012 JAN

9d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Paradox Valley, Snowmass, Cedar City, San Rafael Swe, EROS Data Cent, etc.

MOS 09 10:47:30.8-2.48:18N:155.77E, h16km, mb4.2/1, Error ellipse: s-maj=99.9km s-min=7.1km az=79.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Dzerhino, Sufi-Kurgan, Ugljovaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MNAS, AAK, MKAR, BVAR, ZALV, ATD, YKA, etc.

IDC 09 10:53:49.6-4.0, 14:72N:92:32W, h0km, mb3.7/5, mb1 4.2/7, mb1mx3.8/42, mbtmpp3.8/7, ML4.1/2, MS2.3/1, Ms1 2.3/1, ms1mx2.2/32, Error ellipse: s-maj=119.0km, s-min=51.9km az=33.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNET, VHO, VHO, VHO, LFRS, SCIG, PNIG, PNIG, PNIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LTX, TXAR, TX31, CLNB, MNTX, MSTX, AMTX, BNN, BNN, ANMO, T25A, X18A, SDCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PV01, IMU, IMU, PD31, PDAR, REDW, SNOW, NV01, NVAR, TPAW, MCMT, V10A, YKA, YKA, INK, INK, ILAR, ILB, CMAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PHP, PUK, PUK, PUK, PUK, BCI, BCI, BCI, SKO, KRUS, OHR, OHR, OHR, STON, STON, STON, etc.

ISCB 09 11:02:02.8-0.4, 9:70S:0:08:66:80E:0:06, h10km, mb4.3/27, MS4.0/23, Error ellipse: s-maj=11.3km s-min=8.7km az=161.7

IDC 09 11:02:03.0-0.6, 9:77S:66:78E, h0km, mb4.2/17, mb1 4.3/17, mb1mx1.4/45, mbtmpp4.1/7, MS4.0/23, Ms1 4.0/23, ms1mx3.9/41, Error ellipse: s-maj=20.4km s-min=14.6km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08N3, H08N2, H08N1, H08S1, H08S3, H08S2, OPO, ALPO, ALPO, KMBO, LSZ, LSZ, LSZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CM01, CM01, CMAR, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSA, GEYT, H01W, H01W2, H01W1, AAK, KBZ, GTA, GTA, GTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAKZ, MK01, MK31, MK32, MKAR, MKAR, MKAR, BR101, BRTR, BRTR, KURK, BVAR, HHC, ZAAO, ZALV, ZALV, ZALV, AS01, AS01, AS01, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TORI, TOA1, KEST, STKA, DBIC, etc.

CRAAG 09 11:02:35.8, 36.61N, 5.42E, M13.9
ISC/JB 09 11:02:37.0, 36.68N, 0.07, 5.43E, 0.09, h19km, Error
MDD 09 11:02:38.0, 36.36N, 5.41E, h0km, mb4.1/7, Error
CSEM 09 11:02:38.1, 0.3, 36.67N, 5.51E, h2km, mb3.1, Error
ISC 09 11:02:37.8, 0.9, 36.64N, 0.07, 5.45E, 0.06, h19km, m26,
z=205/36, Northern Algeria

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

IDC 09 11:02:36.3, 9.3, 32.11N, 179.01W, h48km, g9km, mb3.1/2,
mb1.3/4.3, mb1mx3.3/25, mbmp3.4/3, ML3.4/1, Error
elliptic: s-maj=7.9, 2km s-min=6.0, 9km az=164.0, South
of Kermadec Islands

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

ISK 09 11:10:25.1, 38.71N, 43.15E, h9km, MD2.2
CSEM 09 11:10:26.3, 0.2, 38.71N, 43.14E, h10km, MD2.2, Error
elliptic: s-maj=4.9, 2km s-min=3.2, km az=79.0
DDA 09 11:10:26.4, 38.72N, 43.14E, h7km, M12.5
ISC 09 11:10:26.7, 1.1, 38.72N, 0.02, 43.13E, 0.04, h9km, g9km,
n20, c083/40, Turkey

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

JMA 09 11:16:39.0, 3.0, 27.77N, 142.00E, h36km, 3km, M1.6,
Near east coast of eastern Honshu

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

JMA 09 11:17:15.0, 36.33N, 138.58E, h9km, 1km, M0.6, Eastern
Honshu

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

ISC/JB 09 11:18:04.7, 0.5, 39.62N, 102.38, 71E, 0.03, h6km, 4km,
Error elliptic: s-maj=4.4, 4km s-min=3.8, km az=28.6
CSEM 09 11:18:04.8, 0.2, 39.60N, 38.70E, h10km, ML2.6, Error
elliptic: s-maj=4.0, 4km s-min=3.3, km az=98.0
ISK 09 11:18:04.1, 39.58N, 38.71E, h11km, ML2.6
DDA 09 11:18:04.5, 39.60N, 38.70E, h7km, M12.7
ISC 09 11:18:05.1, 0.9, 39.61N, 0.02, 38.69E, 0.02, h16km, 6km,
n38, c082/57, Turkey

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

IDC 09 11:42:06.7, 5.5, 15.57S, 173.63W, h0km, mb4.1/3,
mb1.4/3.4, mb1mx3.8/24, mbmp4.0/4, ML3.3/1, MS3.5/7,
Ms1.5/7, ms1mx3.3/25, Error elliptic: s-maj=388.0km
s-min=23.6km az=148.0, Tonga Islands

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

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

SOME 09 11:46:53.9, 44.60N, 82.12E, h20km
NNC 09 11:46:54.5, 5.2, 3.44, 74N, 81.76E, h0km, mb3.6, mpv3.2,
Error elliptic: s-maj=45.3, 3km s-min=8.4, km az=119.0
ISC 09 11:46:53.1, 1.1, 44.56N, 0.05, 82.03E, 0.06, h10km, n18,
c201/33, 3C-4D, Northern Xinjiang

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

KURS Kuram 3.3km, 0.6s

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

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

NIED 09 12:04:00, 39.90N, 142.20E, h44km, Mw3.6 Best double
couple: M3.06000x1014 NP1:165.00000, 818.00000,
7.54.00000, NP2:22.00000, 876.00000, 1.101.00000,
ISC/JB 09 12:04:25.4, 0.8, 39.89N, 142.19E, 0.09, h55km, 5km,
mb3.5/5, Error elliptic: s-maj=11.5, 5km s-min=5.5, km az=3.4
JMA 09 12:04:26.3, 0.1, 39.88N, 142.17E, h47km, 1km, M3.6
JMA Feil J1

IDC 09 12:04:27.4, 2.4, 39.89N, 142.33E, h67km, 23km, mb3.3/4,
mb1.3/3.6, mb1mx3.1/44, mbmp3.5/6, Error elliptic:
s-maj=39.8km s-min=15.6km az=93.0
ISC 09 12:04:26.3, 1.1, 39.90N, 142.16E, 0.08, h45km, 9km,
n19, c141/29, mb3.6/5, Near east coast of eastern
Honshu

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

VIE 09 12:17:28.4, 0.5, 47.82N, 14.20E, h4km, mb1.3/3, ML2.1/4,
Error elliptic: s-maj=3.9, 3km s-min=1.8, km az=29.0
CSEM 09 12:17:29.1, 0.4, 47.87N, 14.25E, h2km, ML2.5/7, Error
elliptic: s-maj=7.9, 2km s-min=4.2, km az=62.0
PRU 09 12:17:30.6, 47.89N, 14.25E, h0km
ISC 09 12:17:29.3, 1.1, 47.86N, 0.05, 14.25E, 0.06, h3km, 7km,
n16, c055/24, 2D, Austria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KZV, Kizimen, 1.41 279, P, Pn, 12.44 00.9+0.5, DAVOX Davos/Dischmat, 10.39 7 LR, LR, 12.52 20.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KZV, Kizimen, 1.41 279, P, Pn, 12.44 00.9+0.5, DAVOX Davos/Dischmat, 10.39 7 LR, LR, 12.52 20.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KZV, Kizimen, 1.41 279, P, Pn, 12.44 00.9+0.5, DAVOX Davos/Dischmat, 10.39 7 LR, LR, 12.52 20.3

MEX 09 12:23:27.2±0.7, 16.59N×100.03W, h5km, MD3.6, Near coast of Guerrero

MEX 09 12:45:47.3±0.8, 36.58N, 0°03'8".14E, h10km, gm, mb3.9/9, MS3.3/5, Error ellipse: s-maj=4.6km s-min=4.0km

MEX 09 12:45:47.3±0.8, 36.58N, 0°03'8".14E, h10km, gm, mb3.9/9, MS3.3/5, Error ellipse: s-maj=4.6km s-min=4.0km

MEX 09 12:24:32.9±0.8, 16.59N×100.05W, h3km, MD3.5, Near coast of Guerrero

MEX 09 12:45:48.0±0.6, 36.58N, 0°03'8".15E, M4.0, ISC 09 12:45:48.0±1.1, 36.46N, 0°03'8".16E, h5km, gm, n118, 1°14'11.5, mb4.2/9, MS3.4/5, 10C, Tunisia

MEX 09 12:45:48.0±0.6, 36.58N, 0°03'8".15E, M4.0, ISC 09 12:45:48.0±1.1, 36.46N, 0°03'8".16E, h5km, gm, n118, 1°14'11.5, mb4.2/9, MS3.4/5, 10C, Tunisia

ISC 09 12:30:28.7±6.0, 27.07N, 143.98E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.3/42, mbtmp3.5/5, ML3.5/2, MS3.6/1, Ms1 3.8/1, ms1mx2.5/42, Error ellipse: s-maj=219.2km s-min=21.9km az=72.0

ISC 09 12:30:29.4±3.0, 27.3N, 0°2'144".4E, 0.7, h33km, mb3.9/4, MS3.7/1, Error ellipse: s-maj=10.02km s-min=15.7km az=161.2

ISC 09 12:30:29.4±3.0, 27.3N, 0°2'144".4E, 0.7, h33km, mb3.9/4, MS3.7/1, Error ellipse: s-maj=10.02km s-min=15.7km az=161.2

WEL 09 12:39:41.0, 43.55°S, 173°E, h11km, km, ML3.7/3, South Island

WEL 09 12:55:49.2±0.8, 26.99N, 143.63E, h0km, mb3.8/13, mb1 4.1/16, mb1mx3.9/56, mbtmp3.8/16, ML3.6/3, MS2.5/1, Ms1 2.5/1, ms1mx2.2/39, Error ellipse: s-maj=21.0km s-min=17.2km az=91.0

WEL 09 12:55:49.2±0.8, 26.99N, 143.63E, h0km, mb3.8/13, mb1 4.1/16, mb1mx3.9/56, mbtmp3.8/16, ML3.6/3, MS2.5/1, Ms1 2.5/1, ms1mx2.2/39, Error ellipse: s-maj=21.0km s-min=17.2km az=91.0

KRSC 09 12:37:30.0±0.8, 54.91N, 162.71E, h48km, 23km, ML3.6, Near east coast of Kamchatka Peninsula

KRSC 09 12:37:30.0±0.8, 54.91N, 162.71E, h48km, 23km, ML3.6, Near east coast of Kamchatka Peninsula

KRSC 09 12:37:30.0±0.8, 54.91N, 162.71E, h48km, 23km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRR1 Warramunga Arr, WRA Warramunga Arr, ZAA1 Zalesovo Array, etc.

WEL 09 13:04:10.1, 40°S, 117°E, h2km, 2km, ML4.0/12, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAHZ Kahuranaki, PXZ Pawanui, CKZH Cape Kidnapper, etc.

ISK 09 13:11:22.1, 41°73'N, 41°63'E, h11km, ML2.3

ISCBJ 09 13:11:26.3, 1.2, 41°55'N, 05°41'6"E, 0.1, h21km, 7km, Error ellipse: s-maj=17.4km s-min=8.9km az=178.5

DDA 09 13:11:26.8, 41°57'N, 41°76'E, h11km, ML2.6

ISC 09 13:11:26.3, 1.1, 41°58'N, 04°41'72"E, 0.06, h16km, 8km, n18, -0°68'29, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCA Borcka, DBOC Borcka, ARTV Artvin, etc.

ISC 09 13:15:48.8, 2.1, 6.34N, 123.54E, h604km, 2.1km, mb3.8/6, mb1 3.0/6, mb1mx2.6/47, mbtmpp3.9/6, Error ellipse: s-maj=61.5km s-min=10.5km az=61.0, Mindanao

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

ISCJB 09 13:26:55.9, 1.0, 13°18'N, 0°04'120'24"E, 0.04, h6km, 7km, mb3.6/6, MS2.9/3, Error ellipse: s-maj=6.8km s-min=6.0km

az=2.4

IDC 09 13:26:55.3, 0.9, 13°06'N, 120°25'E, h0km, mb3.5/6, mb1 3.8/6, mb1mx3.5/36, mbtmpp3.6/6, MS3.0/3, Ms1 3.0/3, ms1mx2.6/35, Error ellipse: s-maj=20.8km s-min=12.9km az=108.0

MAN 09 13:26:56.1, 13°13'N, 120°33'E, h0km, mb4.4, ML3.2, MS3.0

ISC 09 13:26:55.6, 1.5, 13°11'N, 0°04'120'25"E, 0.04, h2km, 10km, n21, -1°06'25, mb3.6/6, MS3.0/3, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUBP Lubang, PGP Puerto Galera, SJMP San Jose, etc.

IDC 09 13:49:43.5, 5.9, 27°00'N, 143°50'E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.2/43, mbtmpp3.4/4, ML3.5/1, Error ellipse: s-maj=231.6km s-min=27.1km az=74.0, Bonin Islands region

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

ISCJB 09 13:53:51.4, 0.7, 20°25'N, 1°66'30"E, 0.1, h10km, mb4.2/15, MS3.7/10, Error ellipse: s-maj=24.0km s-min=12.4km az=34.6

IDC 09 13:53:52.1, 1.1, 20°20'S, 66°24'E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.7/45, mbtmpp3.9/9, MS3.7/10, Ms1 3.7/10, ms1mx3.4/38, Error ellipse: s-maj=38.4km s-min=21.8km az=28.0

NEIC 09 13:53:53.0, 0.5, 20°24'S, 66°25'E, h10km, mb4.8/7, Error ellipse: s-maj=17.2km s-min=9.2km az=213.0

ISC 09 13:53:53.2, 1.2, 20°33'N, 66°25'E, 0.2, h10km, n47, -0°80'13, mb3.4/215, MS3.7/10, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISCJB 09 14:04:01.2, 0.7, 26°16'N, 1°143'6E, 0.2, h10km, mb3.6/11, Error ellipse: s-maj=24.8km s-min=16.7km az=178.1

IDC 09 14:04:01.4, 0.8, 26°16'N, 143°6'E, h0km, mb3.6/11, mb1 3.8/11, mb1mx3.7/34, mbtmpp3.6/11, Error ellipse: s-maj=27.9km s-min=19.5km az=90.0

ISC 09 14:04:02.7, 0.9, 26°8'N, 01°143'6E, 0.2, h10km, n13, -0°17'21/13, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KLR Kulderud, SONM Songo Array, etc.

NVAR Mina Array Bea 161.49 11 PKPab PKPab 14 14 40.0 +0.8

TXAR Lajitas Array 167.14 1.2 PKPab PKPab 14 15 04.0 -0.2

IDC 09 13:55:13.5, 60.5, 0.5336N, 91°14E, h0km, Error ellipse: s-maj=265.9km s-min=53.11km az=137.0, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I26RU FREYUNG INFRAS, I43RU DUBNA INFRASOM, I31KZ AKTYUBINSK INFR.

IDC 09 13:55:54.5, 2.4, 20°31'S, 66°21'E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/44, mbtmpp3.8/7, Error ellipse: s-maj=71.1km s-min=28.4km az=45.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

NIED 09 14:01:00, 38°30'N, 142°20'E, h38km, Mw3.4 Best double couple: Mb1.53000x1014, Mb1.531x10000, s82.00000, s1.173.00000, N12.062.00000, s83.00000, s8.00000

JMA 09 14:01:19.8, 0.1, 38°58'N, 142°20'E, h37km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, OFUJ Ouri, JMK Ichinoseki, etc.

ISCJB 09 14:04:01.2, 0.7, 26°16'N, 1°143'6E, 0.2, h10km, mb3.6/11, Error ellipse: s-maj=24.8km s-min=16.7km az=178.1

IDC 09 14:04:01.4, 0.8, 26°16'N, 143°6'E, h0km, mb3.6/11, mb1 3.8/11, mb1mx3.7/34, mbtmpp3.6/11, Error ellipse: s-maj=27.9km s-min=19.5km az=90.0

ISC 09 14:04:02.7, 0.9, 26°8'N, 01°143'6E, 0.2, h10km, n13, -0°17'21/13, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KLR Kulderud, SONM Songo Array, etc.

IDC 09 14:09:45.0, 13.0, 23°49'S, 68°58'E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.4/52, mbtmpp3.8/5, Error ellipse: s-maj=451.0km s-min=28.7km az=51.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

CSEM 09 14:30:11.6, 0.2, 58°08'N, 11°92'E, h1km, ML1.5, Error ellipse: s-maj=4.2km s-min=3.4km az=72.0, Mining explosion

UPP 09 14:30:11.8, 58°08'N, 11°89'E, h0km, ML1.5, Mining explosion, Sweden

2012 JAN

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation. Includes stations like VANO Vaenersborg, BORU Boraas, FKPU Falk, etc.

IDC 09 14:32:33.8; 2.1, 201:95:66.24E, h0km, mb3.7/0, mb1 3.9/9, mb1mx3.6/29, mbtmp3.7/9, MS3.7/10, Ms1 3.7/10, ms1mx3.4/40, Error ellipse: s-maj=42.4km s-min=23.1km az=30.0, Mauritius-Reunion region

Main table of station data for the first section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISCJB 09 14:38:13.7; 0.7, 43:55S; 0:04; 172:98E; 0:05, h19km, 6km, mb3.5/2, Error ellipse: s-maj=7.7km s-min=3.4km az=44.6 WEL 09 14:38:14.4, 43 S; 1:17 E; 173E, h12km, 1km, ML4, 1/4 NEIC 09 14:38:15.0; 0.0, 43:49S; 172:84E, h10km, ML4, 1/4

NEIC Felt in Canterbury. IDC 09 14:38:16.4; 1.6, 43:06S; 172:57E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/29, mbtmp3.7/3, ML3.7/1, MS3.7/1, Ms1 3.7/1, ms1mx3.0/13, Error ellipse: s-maj=43.5km s-min=15.3km az=142.0

ISC 09 14:38:14.7; 1.0, 43:50S; 0:04; 172:92E; 0:04, h14km, 7km, n94, r1902/97, 3C-2D, South Island

Main table of station data for the second section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CRLZ Canterbury Las, MOZ McQueen's Vall, MOZ McQueen's Vall, etc.

Table of station data for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DREZ Durham Road, MTVZ Mangateite, MHEZ Mangateite, etc.

IDC 09 14:42:55.6; 4.3, 31:26N; 141:49E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/32, mbtmp3.2/4, ML3.1/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/12, Error ellipse: s-maj=166.0km s-min=25.3km az=70.0

JMA 09 14:42:58.2; 0.1, 32:02N; 142:37E, h19km, M3.8 ISC 09 14:42:57.1; 1.4, 31:77N; 0:08; 142:5E; 0:1, h35km, n14, r16120, mb3.3/3, Southeast of Honshu

Main table of station data for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JHJC Hachiojimakas, JHJ2 Mitsue, BSO1 Boso, etc.

ISC 09 14:48:00.27; 10N; 143:70E, h17km, Mw3.7 Best double couple: M=4.16000; 1014 NPI: 301.00000; 844.00000; 1; 72.00000. NPZ: 205.00000; 884.00000; 0; 46.00000

IDC 09 14:48:36.0; 8.0, 27:07N; 143:79E, h0km, mb3.7/9, mb1 4.0/11, mb1mx3.8/30, mbtmp3.7/11, ML3.7/2, Error ellipse: s-maj=25.7km s-min=19.1km az=83.0

JMA 09 14:48:39.0; 2.7; 15N; 143:72E, h42km, M3.8 ISCJB 09 14:48:40.5; 0.7, 27:37N; 0:05; 143:61E; 0:07, h33km, mb3.5/10, Error ellipse: s-maj=9.2km s-min=6.4km az=22.6

ISC 09 14:48:42.3; 0.9, 27:15N; 143:63E; 0:09, h35km, n17, r1958/20, mb3.7/10, Bonin Islands region

Main table of station data for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CBJJ Chichi jima, CBJH Haha-jima-NKT, JHJ1 Yaso, etc.

IDC 09 14:54:50.9; 0.9, 27:00N; 143:77E, h0km, mb3.4/8, mb1 3.8/10, mb1mx3.6/30, mbtmp3.5/10, ML3.7/2, MS3.6/1, Ms1 3.6/1, ms1mx2.5/26, Error ellipse: s-maj=25.2km s-min=20.8km az=97.0

ISCJB 09 14:54:54.0; 0.8, 26:9N; 0:1; 143:8E; 0:2, h33km, mb3.4/8, MS3.5/1, Error ellipse: s-maj=20.5km s-min=17.1km az=164.1

ISC 09 14:54:56.2; 0.9, 27:11N; 143:7E; 0:2, h35km, n11, r1907/10, mb3.4/8, Bonin Islands region

Main table of station data for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MJAR Matushiro Arr, KSRN Korea Array, SONM Songoing Array, etc.

CSEM 09 14:56:36.0; 4.5, 58:39N; 12:94E, h2km, ML1.0, Error ellipse: s-maj=9.2km s-min=7.5km az=61.0, Mining explosion.

NAO 09 14:56:37.0; 3.4, 58:34N; 12:89E, h0km, 17km, ML1.8 UPP 09 14:56:36.6, 58:39N; 12:92E, h7km, ML1.0, Mining explosion., Sweden

Table of station data for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VANO Vaenersborg, VANO Vaenersborg, FKPU Falk, etc.

HFS 09 14:57:11.0; 0.1, 19:19S; 166:16E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/32, mbtmp3.2/4, ML3.1/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/12, Error ellipse: s-maj=166.0km s-min=25.3km az=70.0

JMA 09 14:57:11.0; 0.1, 32:02N; 142:37E, h19km, M3.8 ISC 09 14:57:11.0; 1.4, 31:77N; 0:08; 142:5E; 0:1, h35km, n14, r16120, mb3.3/3, Southeast of Honshu

Main table of station data for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HJJC Hachiojimakas, JHJ2 Mitsue, BSO1 Boso, etc.

ISC 09 15:12:24.1; 37:26N; 42:51E, h5km, ML2.7 CSEM 09 15:12:26.5; 0.5, 37:31N; 42:56E, h10km, ML2.7, Error ellipse: s-maj=12.1km s-min=5.3km az=14.0

DDA 09 15:12:26.7; 37:28N; 42:58E, h11km, M2.6 ISC 09 15:12:26.9; 1.1, 37:31N; 0:05; 42:59E; 0:02, h11km, 8km, n23, r1907/39, Turkey

Main table of station data for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SIRT Sirkak, SIRT Sirkak, SIRT S-rnak, etc.

IDC 09 15:30:58.6; 966.0, 53:75N; 4:35E, h0km, Error ellipse: s-maj=408.4km s-min=151.5km az=116.0, North Sea

ISCJB 09 15:30:58.6; 966.0, 53:75N; 4:35E, h0km, Error ellipse: s-maj=408.4km s-min=151.5km az=116.0, North Sea

TAP 09 15:38:13.3; 23:98N; 121:74E, h13km, 1km, ML1.5, D, Taiwan

Main table of station data for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HWA Hwalien, HWA Hwalien, ENLB shoufuo, etc.

ISK 09 15:38:13.1, 40.01N:39.76E, h5km, MD2.7
ISCJB 09 15:38:15.2, 0.5, 40.02N:0.03:39.79E:0.04, h9km, 5km,
Error ellipse: s-maj=5.0km s-min=4.5km az=136.5

CSEM 09 15:38:15.2, 0.2, 40.00N:39.78E, h10km, ML2.7, Error
ellipse: s-maj=3.8km s-min=3.4km az=147.0
DDA 09 15:38:15.3, 40.00N:39.77E, h7km, ML2.7
ISC 09 15:38:13.6, 1.1, 40.02N:0.03:39.87E:0.03, h17km, 9km,
n29, r136/44, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like EUZM Uzumlu, BAYT Ayd-ntepe-Bay, ERZN Erzinca, etc.

ISCJB 09 15:38:21.7, 0.6, 5.32N:0.04:73.76W:0.04, h158km, 5km,
mb3.1/2, Error ellipse: s-maj=7.2km s-min=5.1km
az=138.1

RSNC 09 15:38:23.5, 1.2, 5.31N:73.77W, h147km, 9km, ML3.2
ISC 09 15:38:25.3, 9.9, 5.29N:73.29W, h191km, 98km, mb2.9/2,
s-maj=3.2/3, mb1mx2.9/29, mbtmp3.4/3, Error ellipse:
s-maj=150.7km s-min=40.3km az=87.0

ISC 09 15:38:22.2, 0.9, 5.31N:0.04:73.76W:0.04, h155km, 7km,
n19, r0571/33, 2C-2D, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like RUSC La Rusia, NORC Norcasia, VILL Villavicencio, etc.

ISC 09 16:04:54.1, 12.0, 7.50S:127.19E, h323km, 144km,
mb3.0/2, mb1 2.7/4, mb1mx2.4/43, mbtmp3.4/4, Error
ellipse: s-maj=157.7km s-min=46.9km az=59.0, Banda
Sea

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

Table with columns: PCJL Pacitan, PWJI Pagerwojo, KASI Kota Agung, GMIJ Gumukmas, JAGI Jajag, Banyuwa. Includes time and phase data.

IDC 09 16:08:48.3, 0.9, 23.80N:95.13E, h0km, mb3.7/7,
mb1 3.9/8, mb1mx3.4/53, mbtmp3.8/8, ML4.0/1, Error
ellipse: s-maj=40.4km s-min=14.2km az=56.0

ISCJB 09 16:08:57.5, 0.8, 23.58N:0.09:94.6E:0.09, h100km,
mb3.0/7, Error ellipse: s-maj=13.3km s-min=10.8km
az=154.6

ISC 09 16:08:59.7, 1.1, 23.75N:0.09:94.6E:0.1, h100km, n11,
r2514/12, mb3.7/7, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like IMP Imphal, BRDH Brihadhala, SHL Shillong, etc.

JMA 09 16:11:04.8, 37.80N:140.02E, h8km, 1km, M2.4, Eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like JFT Otama, JYS Shirataka, JFY Yanaizu, etc.

JMA 09 16:11:24.4, 0.1, 36.83N:138.58E, h14km, 2km, M0.8,
Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like MAT Matsushiro, JNG Nsakai.

ISK 09 16:16:40.1, 38.67N:43.20E, h11km, MD2.5
ISCJB 09 16:16:41.8, 0.5, 38.69N:0.03:43.20E:0.05, h8km, 6km,
Error ellipse: s-maj=6.9km s-min=4.2km az=23.3

CSEM 09 16:16:41.2, 0.2, 38.68N:43.19E, h10km, MD2.5, Error
ellipse: s-maj=5.5km s-min=3.8km az=115.0

DDA 09 16:16:41.7, 38.67N:43.23E, h7km, ML2.6
ISC 09 16:16:41.8, 0.9, 38.68N:0.03:43.22E:0.04, h14km, 7km,
n20, r0983/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like VANB Van, GEVA Gevas, VMUR Van-Muradiye, etc.

IDC 09 16:18:20.3, 4.5, 15.27S:173.75W, h0km, mb3.7/4,
mb1 4.0/5, mb1mx3.7/23, mbtmp3.7/5, ML3.2/1, Error
ellipse: s-maj=372.1km s-min=22.2km az=151.0, Tonga
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like AFI Afiamalu, H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

IDC 09 16:21:50.0, 10.0, 25.85N:142.89E, h0km, mb3.5/3,
mb1 3.7/3, mb1mx3.3/41, mbtmp3.5/3, Error ellipse:

s-maj=383.0km s-min=34.3km az=71.0, Volcano Islands
region

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

IDC 09 16:22:48.5, 9.5, 14.27S:174.46W, h0km, mb3.7/3,
mb1 4.0/5, mb1mx3.6/25, mbtmp3.7/3, Error ellipse:
s-maj=437.5km s-min=28.9km az=170.0, Samoa Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like AFI Afiamalu, H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

IDC 09 16:22:56.9, 2.6, 15.22S:174.04W, h0km, mb3.9/6,
mb1 4.3/6, mb1mx3.9/25, mbtmp3.9/6, Error ellipse:
s-maj=154.2km s-min=22.6km az=148.0, Tonga Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like AFI Afiamalu, DZM Mont Duamuc, PAE Pea, etc.

JMA 09 16:30:12.9, 36.76N:140.55E, h10km, 1km, M2.7, Near
east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like JHO Hitachi, ONAU Inakimizuishiy, JYT Yasato, etc.

ISC 09 16:41:24.0, 38.83N:43.23E, h5km, MD2.7, ML2.7
ISCJB 09 16:41:25.9, 0.5, 38.86N:0.03:43.21E:0.05, h9km, 5km,
Error ellipse: s-maj=6.8km s-min=4.0km az=15.2

CSEM 09 16:41:25.6, 0.2, 38.84N:43.24E, h8km, MD2.7, Error
ellipse: s-maj=5.3km s-min=3.4km az=98.0

DDA 09 16:41:25.8, 38.83N:43.24E, h7km, ML2.8
ISC 09 16:41:25.0, 1.1, 38.86N:0.03:43.25E:0.03, h17km, 8km,
n26, r069/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like ERCV ERCIS-VAN, GEVA Gevas, CLDR Caldiran, etc.

MAN 09 16:43:05, 12.06N:125.98E, h1km, mb4.6, ML3.5, MS3.5
IDC 09 16:43:06.9, 1.9, 11.92N:125.92E, h0km, mb3.6/5,
mb1 3.7/5, mb1mx3.4/2, mbtmp3.6/5, Error ellipse:
s-maj=90.6km s-min=21.2km az=59.0

ISC 09 16:43:11.0, 2.1, 11.96N:125.81E:0.09, h28km, n12,
r2533/16, mb3.5/5, 2C-1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like AFI Afiamalu, H11S2 WAKE ISLAND, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like BESE Borongan, PLP Palo, CNEP Catarman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like JHO Marumori, JMT Otama, JFT Ouri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like POLC 1um,0.7s, POLC Polcenigo, FSSB Fossombrone, etc.

ISK 09 16:43:20.1, 38°53'N;40°79'E, h5km, ML2.4
CSEM 09 16:43:22.6, 0.4, 38°54'N;40°63'E, h5km, ML2.4, Error ellipse: s-maj=9.2km s-min=7.8km az=76.0

H112 WAKE ISLAND Hy 28.12 121 T T 17 27 21.1
H111 WAKE ISLAND Hy 28.11 121 T T 17 27 25.1
H113 WAKE ISLAND Hy 28.12 121 T T 17 27 25.8

MPAG Monte Paganucco 1.25 169 Pg Pg 17 01 32.7 -1.7
MPAG 447nm,0.5s Pg Pg 17 01 50.3 +1.1
MPAG Monte Paganucco 1.25 169 Pg Pg 17 01 32.7 -1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like BNGL BINGOL, DYBB Diyarbakir, DIYA Diyarbakir, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like CRE Caprese Michel, TRI Trieste, TRI Trieste, etc.

ISC 09 16:45:41.6, 0.7, 9°58'N;138°38'E, h0km, mb3.7/10, mb1 3.9/10, mb1mx3.7/42, mbtmp3.6/10, Error ellipse: s-maj=30.3km s-min=17.5km az=92.0

Code Station Name Az Az' Phase ID Time Res Res ISC
MJAR Matsushiro Arr 5.94 333 Op Pn 17 02 10.4 -0.6
KSRs Kora Array 12.81 302 Pn Pn 17 03 42.9 +0.3

ATPC Poggio Castell 1.37 179 Pg Pn 17 01 34.5 -0.3
ATPC Poggio Castell 1.37 179 Pg Pn 17 01 34.5 -0.3
SABO M.te Sabotino 1.40 36 Pg Sb 17 01 34.9 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like ADRI Adria, Italy, ADRI Adria, Italy, JESOLO Jesolo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like BALD Monte Baldo, BALD Monte Baldo, ATMC Monte Cedrone, etc.

ISC 09 16:47:56.5, 1.7, 6°25'S;146°4E;0.2, h10km, mb3.1/4, MS3.9/1, Error ellipse: s-maj=33.0km s-min=11.1km az=156.0

Code Station Name Az Az' Phase ID Time Res Res ISC
GAZZ Gazzo Veronese 0.98 286 Esg Pg 17 01 42.6 +0.4
GAZZ Gazzo Veronese 0.98 286 Esg Pg 17 01 42.6 +0.4

ATV AVT- Monte Val 1.47 180 Pg Pn 17 01 36.4 +0.3
ATV AVT- Monte Val 1.47 180 Pg Pn 17 01 36.4 +0.3
BAD Benadria 1.50 222 Esg Pg 17 01 35.9 -0.7

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like GAZZ Gazzo Veronese, MTLO Montello, MTLO Montello, etc.

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

ISC 09 16:52:06.1, 1.9, 37°01'N;104°141'56E;0.05, h19km, mb3.4/4, Error ellipse: s-maj=7.6km s-min=6.3km az=236.2

Code Station Name Az Az' Phase ID Time Res Res ISC
CPGN Carpegna, Ital 1.05 184 Pg Pg 17 01 30.3 -0.5
CPGN Carpegna, Ital 1.05 184 Pg Pg 17 01 30.3 -0.5

ATCC AVT- Casa Cast 1.67 175 Pg Pn 17 01 39.3 +0.4
ATCC AVT- Casa Cast 1.67 175 Pg Pn 17 01 39.3 +0.4
PTCC Patocco-Chiusa 1.69 22 Pg Pn 17 01 38.7 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JFH Hitachi, etc.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NANO, NSY, NSY, TWKBT, etc.

ISCJB 09 17:07:29.5:0.6,50.26N:18.79E:0.03,h0km, Error ellipse: s-maj=5.7km s-min=2.9km az=16.1

CSEM 09 17:07:30.6:0.4,50.25N:18.82E:h1km,ML2.5/4, Error ellipse: s-maj=8.1km s-min=4.1km az=14.0

WAR 09 17:07:31.7:50.25N:18.84E:h1km,Mw2.2 PRU 09 17:07:31.3:50.24N:18.78E:h0km

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

IDC 09 17:13:54.0:2.4,30.26N:140.14E,h0km,mb3.5/5, mb1 3.6/5, mb1mx3.3/39,mbtpp3.5/5, Error ellipse: s-maj=122.1km s-min=24.1km az=76.0

ISCJB 09 17:14:35.3:0.6,29.97N:0.05:139.9E:0.1,h400km, mb2.9/5, Error ellipse: s-maj=16.1km s-min=6.0km az=174.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CBIJ, CBIJ, BSO1, etc.

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

NIED 09 17:19:00,37.60N:141.40E,h5km,Mw3.3 Best double couple: M=9.77000e+10 J3 NP1: s261.000000, b60.000000, 1.23.000000, NP2: s159.000000, b70.000000, 1.48.000000

JMA 09 17:19:17.5:37.56N:141.41E,h16km,ML3.7, Near east coast of eastern Honshu

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

GUC 09 17:42:28.9:0.5,20.87S:69.24W,h109km,3km,ML3.6, 6C-10,Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB01, PB01, PB01, etc.

BJJ 09 17:45:28.5,11.19S:165.52E,h47km,mb4.8/38,mb5.1/27, Ms4.9/11,Ms7.4/6/1

MOS 09 17:45:30.5:1.1,10.55S:165.08E,h33km,mb5.0/19, Error ellipse: s-maj=11.1km s-min=3.0km az=9.8

GCMT 09 17:45:32.4:0.3,10.59S:164.94E,h32km,1km,MW5.1/77, Moment Tensor Solution, s30,c36; s77,c103; Duration: 0. Moment tensor: Scale 10^10Nm; M=1.71:20; M=1.81:14; M=3.53:14; M=2.45:22; M=0.163:12; M=2.28:20; Best double couple: M=4.79900x10^16 NP1: s312.000000, b77.000000, -1.25.000000, NP2: s204.000000, b37.000000, -1.22.000000. Principal axes: T 5.2370, Plg23.0000, Azm69.0000; N -0.9860, Plg34.0000, Azm321.0000; P -4.2400, Plg47.0000, Azm186.0000; nstae refers to surface waves, cutoff=50s.

ISCJB 09 17:45:32.3:0.2,10.60S:165.04E:0.04,h46km, mb4.7/70,MS4.2/22 Error ellipse: s-maj=6.2km s-min=5.9km az=9.0

NEIC 09 17:45:32.4:0.2,10.52S:165.11E,h35km,mb5.0/34, Error ellipse: s-maj=7.5km s-min=6.1km az=145.0

IDC 09 17:45:34.9:2.8,10.59S:165.03E,h58km,24km,mb4.2/21, mb1 4.3/23,mb1mx4.2/40,mbtpp4.4/23,ML2.0/1,MS4.2/25, Ms1 4.2/25,ms1mx4.0/40, Error ellipse: s-maj=17.6km s-min=12.1km az=65.0

ISC 09 17:45:33.7:0.4,10.61S:165.11E:0.07,h46km,n172, r=128/163,mb4.8/70,MS4.3/23,6C,Santa Cruz Islands

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

RABL Rabaul 14.33 295 ePn Pn 17 48 54.5 +0.5

PMG Port Moresby 17.72 272 ePn Pn 17 49 37.0 -0.3

PMG Port Moresby 17.72 272 ePn Pn 17 49 37.0 -0.3

MANU Manus Island 19.57 295 eP P 17 49 57.5 -0.5

EIDS Eidsvold 19.81 220 eP Pn 17 50 02.7 +0.3

CTA Charters Tower 20.46 240 P P 17 50 09.1 -1.1

CTA Charters Tower 20.46 240 P P 17 50 09.1 -1.1

CTA Charters Tower 20.46 240 eP P 17 50 08.8 +1.1

CTA Charters Tower 20.46 240 eP P 17 50 08.8 +1.1

COEN Coen 21.69 259 eP P 17 50 21.0 +0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H11S3, H11S3, H11S1, etc.

WAKE ISLAND HY 28.96 3 T T 18 21 54.8

WAKE ISLAND HY 28.97 3 T T 18 21 55.0

Urewera 29.56 161 P P 17 51 34.5 +0.4

WAKE ISLAND HY 30.18 3 T T 18 23 15.7

WAKE ISLAND HY 30.19 3 T T 18 23 12.2

Black Stump Fm 30.162 eP P 17 51 41.1 +1.3

WAKE ISLAND HY 30.20 3 T T 18 23 02.4

Stevens Creek 30.34 222 P P 17 51 41.4 +0.2

Stevens Creek 30.34 222 eP P 17 51 41.4 +0.2

Tennant Creek 31.04 249f eP P 17 51 47.7 +0.2

Warramunga Arr 31.04 249 eP P 17 51 45.0 -2.5

Warramunga Arr 31.05 249 eP P 17 51 45.2 -2.4

Warramunga Arr 31.06 249 P P 17 51 45.2 -2.4

Warramunga Arr 31.06 249 i P P 17 51 45.7 -1.9

Alice Springs 32.44 242 eP P 17 51 57.1 -2.7

Alice Springs 32.44 242 P P 17 51 57.4 -2.4

Alice Springs 32.44 242 eP P 17 51 57.4 -2.4

Alice Springs 32.44 242 eP P 17 51 57.4 -2.4

Fitzroy Crossi 38.90 254 LR LR 18 08 26.9

Papeete2 44.40 104 LR LR 18 07 59.3

Papeete2 44.40 104 eLR LR 18 06 32.9

Tabua 45.07 278 eLR LR 18 06 53.1

Lahad Datu 49.99 286 eP P 17 54 17.4 +1.1

Narrogin (SRO) 49.20 236 LR LR 18 15 07.8

Narrogin (SRO) 49.20 236 LR LR 18 15 07.8

Kota Kinabalu 51.42 287 eP P 17 54 35.0 +3.0

Matsushiro Arr 53.30 333 P P 17 54 45.8 -2.4

Matsushiro Arr 53.30 333 P P 17 54 45.8 -2.4

Korea Array 59.17 326 P P 17 55 28.0 -2.0

Wonju Array Be 59.18 326 P P 17 55 28.0 -2.1

Wonju Array Si 59.20 326 eP P 17 55 29.1 -1.2

Nanjing 61.27 316 eP P 17 55 45.1 +0.6

Ussuriysk Arr 62.28 334 P P 17 55 51.5 +0.5

Petrovavlovsk 63.78 355 LR LR 18 18 45.2

Iloh 65.53 280 eP P 17 56 12.9 -0.3

Gorny 66.02 341 eP P 17 56 14.8 -0.7

Kul dur 66.92 181 P P 17 56 19.3 +1.3

Vanda 66.92 181 P P 17 56 19.3 +1.3

Vanda 66.92 181 eP P 17 56 22.1 +1.2

Vanda 66.92 181 eP P 17 56 22.1 +1.2

Vanda 66.92 181 eP P 17 56 22.1 +1.2

Enshi 67.14 309 eP P 17 56 21.7 -1.4

Prapat 67.20 278 eP P 17 56 22.3 -1.6

Prapat 67.20 278 eP P 17 56 22.3 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Pawnee, Mountain View, Amarillo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Circle Bar, Beach Ranch, Frenchman Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BUJ 09, ISCBJ 09, ASRS 09, etc.

9d 19h

Table of astronomical observations for 9d 19h, listing stations like KURK, KURBB, KURBB, BOD, BOD, BOD, etc., with columns for station name, time, magnitude, and other parameters.

2012 JAN

Main table of astronomical observations for 2012 JAN, listing stations like VSR, VSR, VSR, OBN, OBN, OBN, etc., with columns for station name, time, magnitude, and other parameters.

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Table of astronomical observations for 412, listing stations like GEC2, GEC2, GEC2, GEC2, GEC2, etc., with columns for station name, time, magnitude, and other parameters.

Additional information and notes at the bottom right, including coordinates and observation details: IDC 09 19:03:29.61, 0.1, 39.08S; 174.94E, h602km, 10km, mb3.4/7, mb1 3.5/9, mb1mx3.2/35, mbtmp4.4/9, Error ellipse: s-maj=19.4km s-min=16.6km az=35.0, etc.

HIZ		0.50	8	P	P	19 05 37.0 -0.9
HIZ	Hauti	0.40	8	P	P	19 04 40.9 +0.1
DREZ	Durham Road	0.53 238	P	P	P	19 04 41.2 +0.5
TWVZ	Taurewa	0.54 108	eP	P	P	19 04 40.8 0.0
TWVZ	Taurewa	0.54 108	eP	P	P	19 04 40.8 0.0
PKVZ	Pokaka	0.58 31	eP	P	P	19 04 41.0 +0.2
PKVZ	Pokaka	0.58 31	eP	P	P	19 04 41.0 +0.2
LREZ	Lake Rotokare	0.62 208	P	P	P	19 04 41.4 +0.7
NEZ	North Egmont	0.64 236	P	P	P	19 04 41.4 +0.5
PREZ	Palmer Road	0.65 228	Ph	P	P	19 04 41.2 +0.4
PREZ	Palmer Road	0.65 228	Ph	P	P	19 04 41.4 +0.5
COVZ	Chateau Obsery	0.66 161	P	P	P	19 04 41.9 +0.2
WTVZ	West Tongariro	0.66 108	eS	S	P	19 04 41.1 +0.1
WTVZ	West Tongariro	0.66 108	eS	S	P	19 05 36.0 -2.8
WTVZ	West Tongariro	0.66 108	eS	S	P	19 04 41.2 +0.2
WTVZ	West Tongariro	0.66 108	eS	S	P	19 05 36.9 -1.9
PKE	Pukeiti	0.69 245	P	P	P	19 04 41.6 +0.7
NGZ	Ngauruhoe	0.69 113	eP	P	P	19 04 41.0 +0.3
NGZ	Ngauruhoe	0.69 113	eP	P	P	19 04 41.4 +0.3
FWVZ	Far West T-bar	0.69 120	eP	P	P	19 04 41.2 0.0
FWVZ	Far West T-bar	0.69 120	eP	P	P	19 04 41.3 +0.2
FWVZ	Far West T-bar	0.69 120	eP	P	P	19 05 37.4 -1.8
KRVZ	Karewarewa	0.69 106	eP	P	P	19 04 41.9 +0.2
KRVZ	Karewarewa	0.69 106	eP	P	P	19 04 41.3 +0.2
DRZ	Dome Shelter	0.71 121	P	P	P	19 04 41.7 +0.4
KHEZ	Kahui Hut	0.71 123	Ph	P	P	19 04 41.7 +0.8
TRVZ	Turoa	0.71 123	eP	P	P	19 04 41.2 0.0
TRVZ	Turoa	0.71 123	eP	P	P	19 04 41.6 +0.4
KATZ	Kakarama	0.71 123	eP	P	P	19 04 41.0 +0.3
MTVZ	Mangateitei	0.71 132	eP	P	P	19 04 41.2 +0.2
MTVZ	Mangateitei	0.71 132	eP	P	P	19 04 41.3 +0.3
MTVZ	Mangateitei	0.71 132	eP	P	P	19 05 36.6 -2.2
WHVZ	Whangaehu Hut	0.73 121	Ph	P	P	19 04 41.5 +0.2
WHVZ	Whangaehu Hut	0.73 121	Ph	P	P	19 04 41.9 +0.5
OTVZ	Otureare	0.73 110	eP	P	P	19 04 41.2 +0.1
OTVZ	Otureare	0.73 110	eP	P	P	19 05 38.1 -1.0
WNVZ	Whanihoa	0.76 123	eP	P	P	19 04 41.4 +0.2
WNVZ	Whanihoa	0.76 123	eP	P	P	19 05 36.0 -3.2
TUVZ	Tukino	0.77 118	eP	P	P	19 04 41.5 +0.3
TUVZ	Tukino	0.77 118	eP	P	P	19 04 41.9 +0.7
WATZ	Wairara	0.77 75	eP	P	P	19 04 41.2 +0.1
WATZ	Wairara	0.77 75	eP	P	P	19 04 41.3 +0.2
RAZ	Rangitukia	0.78 87	eP	P	P	19 04 41.1 0.0
TLZ	Tolley Road	0.83 46	Ph	P	P	19 04 41.1 -0.3
TLZ	Tolley Road	0.83 46	Ph	P	P	19 04 41.6 +0.2
RITZ	Rihia Road	0.84 95	eP	P	P	19 04 41.0 +0.4
RITZ	Rihia Road	0.84 95	eP	P	P	19 04 41.7 +0.5
WAZ	Wanganui	0.86 169	eP	P	P	19 04 41.7 +0.6
WAZ	Wanganui	0.86 169	eP	P	P	19 04 41.8 +0.7
WAZ	Wanganui	0.86 169	eP	P	P	19 05 38.2 -1.1
NMEZ	Namu Road	0.90 124	P	P	P	19 04 41.6 +0.5
MOVZ	Moawhango	0.90 124	P	P	P	19 04 41.3 0.0
MOVZ	Moawhango	0.90 124	P	P	P	19 04 41.5 +0.1
MOVZ	Moawhango	0.90 124	P	P	P	19 05 35.9 -3.6
KUTZ	Kaahu Road	0.92 63	P	P	P	19 04 41.8 +0.3
HATZ	Hinemiata	1.02 89	P	P	P	19 04 41.5 -0.1
WRPZ	Whakapapatarin	1.15 121	Ph	P	P	19 04 41.9 0.0
WRPZ	Whakapapatarin	1.15 121	Ph	P	P	19 04 42.2 +0.3
BHZ	Black Hill Sta	1.15 121	eP	P	P	19 05 35.7 -4.7
BHZ	Black Hill Sta	1.15 121	eP	P	P	19 04 42.2 +0.4
GRZ	Galatos Road	1.18 92	P	P	P	19 04 42.2 +0.2
ALRZ	Allen Rd	1.28 87	P	P	P	19 04 42.1 -0.1
MRZ	Matea Rd	1.29 67	P	P	P	19 04 42.2 -0.1
HRZ	Handcock Road	1.29 67	eP	P	P	19 04 42.2 +0.1
HRZ	Handcock Road	1.29 67	eP	P	P	19 04 42.4 +0.1
HSRZ	Hossack Road	1.29 63	P	P	P	19 04 42.4 +0.1
TOZ	Tauroa	1.33 72	P	P	P	19 04 42.4 +0.1
PRZ	Plateau Road	1.33 72	P	P	P	19 04 42.4 +0.1
UTU	Utuhina	1.33 57	eP	P	P	19 04 42.7 +0.3
BKZ	Black Stump Fm	1.36 101	eP	P	P	19 04 42.5 +0.1
BKZ	Black Stump Fm	1.36 101	eP	P	P	19 05 38.2 -3.2
BKZ	Black Stump Fm	1.36 101	eP	P	P	19 04 42.7 +0.3
BNWZ	Benmore	1.36 102	P	P	P	19 04 43.1 +0.2
KWVZ	Kaweka Forest	1.38 112	P	P	P	19 04 43.1 +0.7
HLRZ	Highlands Sta	1.40 62	P	P	P	19 04 43.1 +0.5
KMRZ	Kaimai	1.40 41	P	P	P	19 04 43.3 +0.7
KRRZ	Kereru	1.43 121	P	P	P	19 04 43.3 +0.8
KARZ	Kakarapa	1.45 53	P	P	P	19 04 42.6 -0.1
KAPZ	Kakapara Road	1.47 142	P	P	P	19 04 43.5 +0.5
TSZ	Takapari Road	1.47 142	P	P	P	19 04 43.4 +0.8
RRRZ	Republican Roa	1.47 68	eP	P	P	19 04 42.5 -0.3
RRRZ	Republican Roa	1.47 68	eP	P	P	19 04 42.7 -0.1
OMRZ	Omania	1.48 58	P	P	P	19 04 42.9 0.0
PNHZ	Pukenui	1.49 133	P	P	P	19 04 43.6 +0.9
PNHZ	Pukenui	1.49 133	P	P	P	19 04 43.0 0.0
TARZ	Mount Tarawera	1.51 64	P	P	P	19 04 43.0 -0.1
TARZ	Mount Tarawera	1.51 64	P	P	P	19 04 43.7 +0.7
MKRZ	Makatiti	1.53 60	P	P	P	19 04 43.3 +0.2
LIFZ	Lichensteins R	1.55 55	P	P	P	19 04 43.4 +0.2
MCHZ	McNeill Hill	1.58 110	P	P	P	19 04 44.1 +0.3
MCHZ	McNeill Hill	1.58 110	P	P	P	19 04 44.4 +1.4
NMHZ	Naumai	1.59 97	eP	P	P	19 04 44.0 +0.8
NMHZ	Naumai	1.59 97	eP	P	P	19 04 44.1 +1.0
MTVZ	Mangatainiwha	1.61 89	P	P	P	19 04 43.4 +0.2
MURZ	Murupara	1.62 75	S	S	P	19 04 43.4 +0.3
MURZ	Murupara	1.62 75	S	S	P	19 05 39.6 -3.1
POWZ	Post Office Ro	1.66 153	eP	P	P	19 04 44.1 +0.9
POWZ	Post Office Ro	1.66 153	eP	P	P	19 04 44.1 +0.9
POWZ	Post Office Ro	1.66 153	eP	P	P	19 05 41.8 -1.2
WPHZ	Waipukurau	1.73 132	eP	P	P	19 04 44.6 +1.2
WPHZ	Waipukurau	1.73 132	eP	P	P	19 04 43.7 +0.7
RTZ	Ruatuhia	1.74 81	P	P	P	19 04 44.3 -0.1
DVHZ	Dannevirke	1.75 143	eP	P	P	19 04 44.5 +0.9
DVHZ	Dannevirke	1.75 143	eP	P	P	19 04 44.5 +1.0
QPRZ	Ohinepaua	1.75 53	P	P	P	19 04 43.3 -0.4
ARHZ	Aropanuanui	1.76 102	P	P	P	19 04 44.6 +1.0
RAHZ	Rahi	1.80 44	P	P	P	19 04 45.0 +0.7
KBAZ	Karaka Road Bo	1.81 3	P	P	P	19 04 45.5 +1.5
AWAZ	Awhitu Peninsula	1.85 357	P	P	P	19 04 45.5 +1.5
KAHZ	Kahuranaki	1.85 119	eP	P	P	19 04 45.5 +1.6
KAHZ	Kahuranaki	1.85 119	eP	P	P	19 04 44.5 +0.9
MRZ	Mangatainokia R	1.88 151	Ph	P	P	19 04 45.4 +1.4
PRWZ	Porirua Road	1.88 151	Ph	P	P	19 04 45.4 +1.4
PRWZ	Porirua Road	1.88 151	Ph	P	P	19 04 45.2 +1.0
OGWZ	Otagi Gorge	1.93 171	eP	P	P	19 04 45.0 +0.9
OGWZ	Otagi Gorge	1.93 171	eP	P	P	19 04 45.1 +1.1
CKHZ	Cape Kidnapper	1.93 113	P	P	P	19 04 45.6 +1.4
CKHZ	Cape Kidnapper	1.93 113	P	P	P	19 04 45.6 +1.4
URZ	Urewera	1.94 71	P	P	P	19 04 43.7 -0.6
URZ	Urewera	1.94 71	P	P	P	19 05 38.4 -6.3
URZ	Urewera	1.94 71	eP	P	P	19 04 43.5 -0.8
URZ	Urewera	1.94 71	eP	P	P	19 05 38.0
URZ	Urewera	1.94 71	eP	P	P	19 05 43.1 -1.5
URZ	Urewera	1.94 71	eP	P	P	19 04 43.7 -0.7
KIW	Kapiti Island	1.95 177	eP	P	P	19 04 46.1 +1.9
KIW	Kapiti Island	1.95 177	eP	P	P	19 05 44.7 -0.2
KIW	Kapiti Island	1.95 177	eP	P	P	19 04 45.0 +0.7
ETAZ	East Tamaki Re	1.96 3	P	P	P	19 04 45.7 +1.1
PXZ	Pawani	1.96 125	eP	P	P	19 04 45.5 +1.1
PXZ	Pawani	1.96 125	eP	P	P	19 04 45.9 +1.2
PRHZ	Porangahau	1.97 134	eP	P	P	19 04 45.7 +1.4
PRHZ	Porangahau	1.97 134	eP	P	P	19 04 45.7 +1.3
PRHZ	Porangahau	1.97 134	eP	P	P	19 04 45.7 +1.4
WTAZ	Waatarua	1.98 355	P	P	P	19 04 46.4 +1.7
DUVZ	D'Urville Isla	2.00 199	eP	P	P	19 04 44.5 0.0
SNMZ	Shannon Statio	2.00 87	Ph	P	P	19 05 43.9 +3.7
SNMZ	Shannon Statio	2.00 87	Ph	P	P	19 05 43.5 -1.8
SNMZ	Shannon Statio	2.00 87	Ph	P	P	19 04 45.1 +0.5
ANWZ	Angora Road	2.02 140	P	P	P	19 04 46.1 +1.5
TIWZ	Tintock	2.05 156	eP	P	P	19 04 45.9 +1.2
TIWZ	Tintock	2.05 156	eP	P	P	19 04 45.9 +1.2
TIWZ	Tintock	2.05 156	eP	P	P	19 04 45.9 +1.3
HOWZ	Holdsword Sta	2.06 164	P	P	P	19 04 45.7 +1.0
HOWZ	Holdsword Sta	2.06 164	P	P	P	19 04 45.7 +1.0
BFZ	Birch Farm	2.10 148	P	P	P	19 04 45.7 +0.9
BFZ	Birch Farm	2.10 148	P	P	P	19 04 46.1 +1.2
RAWZ	Rawiri	2.10 148	Ph	P	P	19 04 45.7 +0.7
RAWZ	Rawiri	2.10 148	Ph	P	P	19 04 45.3 +0.1
WIAZ	Waiheke Island	2.13 8	P	P	P	19 04 46.3 +1.0
RVAZ	Riverhead Bore	2.14 356	P	P	P	19 04 46.2 +1.6
CAW	Cannon Point	2.21 174	eP	P	P	19 04 46.9 +0.9
CAW	Cannon Point	2.21 174	eP	P	P	19 05 48.7 +1.5
CAW	Cannon Point	2.21 174	eP	P	P	19 04 46.1 +1.0
MWZ	Matawai	2.23 76	P	P	P	19 04 45.5 -0.1

MMWZ		2.23	76	P	P	19 05 47.3 +0.2
MMWZ	Matawai	2.23	76	P	P	19 04 45.5 -0.1
KNZ	Kokohu	2.26	94	eP	P	19 04 46.1 +0.5
KNZ	Kokohu	2.26	94	eP	P	19 04 46.4 +0.8
CPWZ	Castlepoint	2.28 152	Ph	P	P	19 04 47.4 +1.8
CPWZ	Castlepoint	2.28 152	Ph	P	P	19 04 47.5 +1.9
KUZ	Kuautunu	2.29 19	P	P	P	19 04 46.1 +0.2
MTW	Mount Morrison	2.31 166	eP	P	P	19 04 47.9 +2.1
MTW	Mount Morrison	2.31 166	eP	P	P	19 04 46.8 +1.0
TCW	Tory Channel	2.33 189	eP	P	P	19 04 46.6 +0.8
TCW	Tory Channel	2.33 189	eP	P	P	19 05 47.6 -0.2
RIGZ	Rimuhau	2.34 86	P	P	P	19 04 46.8 +0.7
TMWZ	Te Maipa	2.35 159	eP	P	P	19 04 47.3 +1.3
TMWZ	Te Maipa	2.35 159	eP	P	P	19 04 47.3 +1.3
WEL	Wellington	2.37 180	eP	P	P	19 04 47.0 +1.0
SNZ	South Karori	2.40 181	eP	P	P	19 04 47.5 +1.9
PRGZ	Paritua Road	2.42 91	P	P	P	19 04 47.4 +0.9
PRGZ	Paritua Road	2.42 91	P	P	P	19 04 47.4 +1.0
MHGZ	Mahia Peninsula	2.45 97	eP	P	P	19 04 47.6 +1.1
MHGZ	Mahia Peninsula	2.45 97	eP	P	P	19 04 47.7 +1.2
TKGZ	Te Karaka	2.45 80	Ph	P	P	19 04 47.0 +0.4
RUGZ	Raukumara Rang	2.46 68	P	P	P	19 04 45.8 -1.0
BHWZ	Baring Head	2.50 178	eP	P	P	19 04 46.8 +2.0
BHWZ	Baring Head	2.50 178	eP	P	P	19 04 47.5 +0.9
PAWZ	Paruawai Farm	2.52 169	eP	P	P	19 04 47.9 +1.1
PAWZ	Paruawai Farm	2.52 169	eP	P	P	19 05 53.2 +3.7
MSWZ	Moikau Station	2.53 172				

NEIC 09 19:33:08.3.0.2.51.63N.95.95E,h10km,mb4.6/22, Error ellipse: s-maj=5.4km s-min=3.5km az=183.0 ASRS 09 19:33:09.0.8.51.78N.95.71E,h15km,Ms3.7/1 ISC 09 19:33:08.1.0.3.51.69N.100.95.95S,0.03,h10km,n263, c1563/283,mb4.5/75,MS3.4/15,38E, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like KZLR Kyzyl, HVS Khovu-Aksy, ORL, ARS Arshan, ZAK Zakamensk, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like GTA, PDGG Podgornoye, BVAR Borovoye Array, BRVK Borovoye, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like KBZ Khabaz, KIV Kislovodsk, NEY Neytrino, ARAO ARCES Array S, etc.

Table with columns: BRG, comp-Z, 11nm, 1.5s, pmax, pmax, TREC, Trest, 48.79 301 eP, P, 19 41 54.2 +1.2, etc.

ISN 09 19:53:23.2:13.0, 27:86N:54:76E, h0km, g99km, ML4.9
BUJ 09 19:53:29.5:27:19N:54:94E, h6km, mb4.7/59, mB5.0/43, Ms4.7/38, Ms7.4/438
TEH 09 19:53:34.9:26:94N:55:69E, h20km, ML5.1
ISCJB 09 19:53:35.0:0.1, 27:12N:0.01:55:61E:0.01, h10km, mb5.1/234, MS4.3/37, Error ellipse: s-maj=2.2km s-min=1.5km az=17.7

Table with columns: SHME, BANOM, Banah, SNR=1000, 1.32 156 S Pn, 19 54 14.5 -0.1, etc.

Table with columns: JMDO, Jabal Madar, SNR=50, 5.23 155 S Pn, 19 55 55.1 0.0, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, BNDS, Bandar-Abbas, 0.50 58 Op, ISC, h m s, etc.

9d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DRWC Darouich, ARNB Al Arnab, NCK Naichik, etc.

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, KURK Kurchatov, SGRR Singureni, etc.

Table with columns: CD2, comp, LR, LR, and various numerical values. Includes entries like 'SAOF Saorge', 'KMI Kunming', 'COP Copenhagen', etc.

Table with columns: NB201, NORARS, 45.08, 331, eP, P, P, and various numerical values. Includes entries like 'NORARS Array S', 'NORARS Subarra', 'NORARS Subarra', etc.

Table with columns: BOD, Bodaibo, 50.67, 36, i/P, pmax, P, pmax, and various numerical values. Includes entries like 'Bodaibo', 'Penmaenmawr San Pablo', 'Myrdell Eilian', etc.

KS01	Wanju Array Si	60.56	60 eP	P	20 03 46.6	-0.6
KS01	Wanju Array Si	60.56	60 eP	P	20 03 46.6	-0.6
KS15	Wanju Array Si	60.56	60 eP	P	20 03 46.9	-0.3
KS15	Wanju Array Si	60.56	60 eP	P	20 03 46.9	-0.3
KSAR	Wanju Array Be	60.56	60 P	P	20 03 46.9	-0.3
KSAR	Wanju Array Be	60.56	60 P	P	20 03 46.9	-0.3
KSRS	Korea Array	60.59	60 P	P	20 03 46.9	-0.4
DBIC	Dimbokro	60.81 262	P	P	20 03 48.6	-0.6
DBIC	Dimbokro	60.81 262	P	P	20 03 48.6	-0.6
DBIC	Dimbokro	60.81 262	P	P	20 03 48.6	-0.6
DBIC	Dimbokro	60.81 262	P	P	20 03 48.6	-0.6
KIC	Kosan Boka	60.85 262	eP	P	20 03 47.3	-2.2
Toumodi	60.97 262	eP	P	20 03 49.5	-0.8	
TKL	Kul'dur	61.10 47d	iP	P	20 03 50.5	-0.1
LIC	Lamto	61.17 262	eP	P	20 03 50.8	-0.9
USRK	Ussuriysk Ar.	62.16 52	P	P	20 03 57.7	-0.2
USRK	Ussuriysk Ar.	62.16 52	P	P	20 03 57.7	-0.2
BOSA	Boshof	62.65 210	eP	P	20 04 00.7	-0.7
BOSA	Boshof	62.65 210	eP	P	20 04 00.5	-0.9
GRNR	Gornyy	63.79 44	eP	P	20 04 08.8	+0.1
SUMG	Summit	65.59 341	eP	P	20 04 20.5	0.0
SUMG	Summit	65.59 341	eP	P	20 04 20.5	0.0
SUMG	Summit	65.59 341	eP	P	20 04 20.5	0.0
SUMG	Summit	65.59 341	eP	P	20 04 20.5	0.0
MAJO	Matsushiro	68.75 591	eP	P	20 04 40.1	-0.6
MAJO	Matsushiro	68.75 591	eP	P	20 04 40.1	-0.6
YSS	Yuzh-Sakhalins	68.79 47	eP	P	20 04 39.9	-0.8
YSS	Yuzh-Sakhalins	68.79 47	eP	P	20 04 39.9	-0.8
SEY	Seymchan	69.15 29j	eP	P	20 04 43.6	+0.9
MA2	Magadan	69.49 33j	eP	P	20 04 45.0	+0.1
KULLO	Kullorsuaq	69.86 345	iP	P	20 04 47.3	+0.4
KULLO	Kullorsuaq	69.86 345	iP	P	20 04 47.3	+0.4
TULEG	Thule	71.17 348	eP	P	20 04 54.7	-0.1
BILL	Bilbino	72.39 22d	eP	P	20 05 02.4	0.0
BILL	Bilbino	72.39 22d	eP	P	20 05 02.4	0.0
PEA1	Petropavlovsk-	75.51 38	eP	P	20 05 20.9	0.0
PETK	Petropavlovsk-	75.51 38	eP	P	20 05 20.9	0.0
PETK	Petropavlovsk-	75.51 38	eP	P	20 05 20.9	0.0
PETK	Petropavlovsk-	75.51 38	eP	P	20 05 20.9	0.0
GAMB	Gambell	82.04 19	eP	P	20 05 56.9	+0.4
COLD	Coldfoot	83.93 10	eP	P	20 06 07.0	+0.7
IM3	Indian Mountai	84.47 12	eP	P	20 06 09.0	-0.1
INK	Inuvik	84.60 3	eP	P	20 06 10.0	+0.4
INK	Inuvik	84.60 3	eP	P	20 06 10.0	+0.4
SCHO	Schefferville	84.67 331	eP	P	20 06 10.0	-0.4
SCHO	Schefferville	84.67 331	eP	P	20 06 10.0	-0.4
FYU	Fort Yukon	85.25 8	eP	P	20 06 13.8	+0.8
MLY	Mantyselva	85.87 11	eP	P	20 06 16.6	+0.4
MDM	Murphy Dome	86.34 10	eP	P	20 06 18.6	+0.2
BPAW	Bear Paw Mtn.	86.68 11	eP	P	20 06 20.6	+0.4
CCB	Clear Creek Bu	86.70 10	eP	P	20 06 19.3	-0.9
IL1	Eielson Array	86.72 9	eP	P	20 06 19.3	-1.0
ILAR	Eielson Array	86.72 9	eP	P	20 06 19.6	-0.8
ILAR	Eielson Array	86.72 9	eP	P	20 06 19.6	-0.8
ILB	Eielson Array	86.72 9	eP	P	20 06 19.8	-0.5
KTH	Kantishna Hill	87.20 12	eP	P	20 06 22.7	-0.1
MCK	McKinley	87.37 11	eP	P	20 06 23.4	-0.1
MCK	McKinley	87.37 11	eP	P	20 06 23.4	-0.1
TRF	Thorfare Moun	87.41 11	eP	P	20 06 23.9	0.0
EAGK	Eagle	87.45 7	eP	P	20 06 24.4	+0.5
PPLA	Purkeypile	87.56 12	eP	P	20 06 24.5	-0.1
RND	Reindeer	87.69 11	eP	P	20 06 24.4	-0.7
RND	Reindeer	87.69 11	eP	P	20 06 24.4	-0.7
RND	Reindeer	87.69 11	eP	P	20 06 24.4	-0.7
DOT	Dot Lake	88.18 9	eP	P	20 06 27.5	0.0
DAWY	Dawson	88.33 7	eP	P	20 06 28.6	+0.5
WRA	Warramunga Arr	89.36 113	P	P	20 06 33.0	-0.6
WRA	Warramunga Arr	89.36 113	P	P	20 06 33.0	-0.6
WRA	Warramunga Arr	89.36 113	P	P	20 06 33.0	-0.6
RC01	Rabbit Creek A	89.69 12	eP	P	20 06 34.6	+0.1
YKW3	Yellowknife Ar	90.28 356	eP	P	20 06 37.6	+0.4
YKA	Yellowknife Ar	90.35 356	eP	P	20 06 37.6	+0.1
YKA	Yellowknife Ar	90.35 356	eP	P	20 06 37.5	0.0
AS31	Alice Springs	90.81 116	eP	P	20 06 39.5	-0.8
ASAR	Alice Springs	90.81 116	eP	P	20 06 39.6	-0.8
KDAK	Kodiak Island	92.14 15	iP	P	20 06 46.7	+0.8
MAW	Mawson	94.60 177	LR	LR	20 04 52.3	0.0
SAO	Syowa Base	96.58 186j	eP	P	20 07 05.0	-0.7
ULM	Lac du Bonnet	98.93 342	LR	LR	20 05 13.4	0.0
NVAR	Minna Array Be	114.54 355	PKP	PKP	20 12 16.4	-1.0
LTX	Lajitas	120.47 339	ePKP	PKP	20 12 28.3	-0.5
LTX	Lajitas	120.47 339	ePKP	PKP	20 12 28.3	-0.5
LTX	Lajitas	120.47 339	ePKP	PKP	20 12 28.3	-0.5
LPZA	La Paz	127.07 270	PKP	PKP	20 12 41.9	-0.4
CMIG	Matias Romero	127.58 324	PKP	PKP	20 12 41.7	-0.9

Islands		Code		Station Name		Az		Phase ID		Time Res	
		Code		Station Name		Az		Phase ID		Time Res	
GCAM	G?zelcaml?	0.51	38	iP	P					19 55 20.8	+0.4
GCAM	GCAM	0.51	38	iP	P					19 55 20.8	+0.4
BDRM	Kayabasi	0.54	115	iP	P					19 55 29.2	+0.6
BDRM	Kayabasi	0.54	115	iP	P					19 55 29.2	+0.6
AYDN	Tasoluk	0.90	61	iP	P					19 55 27.1	-0.8
AYDN	Tasoluk	0.90	61	iP	P					19 55 27.1	-0.8
AYDN	Tasoluk	0.90	61	iP	P					19 55 40.9	+0.1
AYDN	Tasoluk	0.90	61	iP	P					19 55 40.9	+0.1
BUC 09 19:56:24.7:0.4,45:76N:21:68E,h12km,5km,MD3.8/3, Error ellipse: s-maj=6.1km s-min=3.2km az=102.0, SIGU 09 19:56:24.1:0.8,45:76N:0:9:21.7E:0:9,h5km,mb3.2/5 GEO 09 19:56:25.6:0.7,45:76N:0:1:64E,h14km,4km,MS.3/1 ISCJB 09 19:56:25.3:0.3,45:76N:0:01:21:55E:0:02:h25km,3km, Error ellipse: s-maj=2.4km s-min=2.2km az=32.4, CSEM 09 19:56:25.3:0.1,45:73N:21:60E,h15km,ML3.1,Error ellipse: s-maj=2.7km s-min=2.4km az=94.0, PRU 09 19:56:27.9:45:67N:21:55E,h28km ISC 09 19:56:25.0:0.8,45:74N:0:01:21:62E:0:02,h15km,5km, n165,r136/247,73C-19D,Romania											
		Code		Station Name		Az		Phase ID		Time Res	
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP	P					19 56 30.9	-0.1
BZS	Buzias	0.12	181	iP	P					19 56 28.5	-0.2
BZS	Buzias	0.12	181	iP							

Table with columns: SVE, comp-Z, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ARU Manley, ARU Reindeer, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like UCR 09:20:14:21.0-0.5, 13:14N:89:39W, etc.

ISC 09:20:14:46.4-3.6, 13:63N:90:33W, h0km, mb3.9/5, mb1.4/7, mb1mx3.8/9, mbtmp3.9/7, ML3.9/2, MS3.5/3, Ms1.3/4, ms1mx2.9/4, Error ellipse: s-maj=7.5km s-min=4.0km az=0

NEIC 09:20:15:00.5-1.9, 13:95N:90:44W, h100km, 14km, mb4.4/4, Error ellipse: s-maj=33.4km s-min=12.6km az=207.0

ISC 09:20:14:58.2-2.0, 14:00N:0:3:90W, 0:1, h73km, n20, s150/19, mb4.2/11, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TGUH Tegucigalpa, CMIG Matias Romero, etc.

ISCJB 09:20:16:11.3-0.6, 11:36S:0:09:73:88W, 0:06, h150km, mb3.4, Error ellipse: s-maj=13.1km s-min=7.3km az=16.9

ISC 09:20:16:11.5-1.6, 11:31S:73:82W, h129km, 20km, mb3.3/4, mb1.3/5, mb1mx3.3/7, mbtmp3.8/9, MS3.1/1, Ms1.3/1, ms1mx2.5/4, Error ellipse: s-maj=25.6km s-min=14.3km az=26.0

ISC 09:20:16:12.8-0.8, 11:35S:0:10:73:93W, 0:07, h150km, n11, s150/19, mb4.2/11, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, NNA Atahuapa, ATAH Atahuapa, etc.

IDC 09:20:31:26.5-5.9, 23:34S:179:82W, h576km, 49km, mb3.0/4, mb1.3/2.5, mb1mx2.9/24, mbmp4.1/6, Error ellipse: s-maj=139.7km s-min=53.4km az=47.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, DZM Mont Dzumze, CTA Charters Tower, etc.

KRSC 09:20:52:44.9-1.1, 52:72N:159:40E, h83km, 10km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NLC Nalytchevo, NLC Dalny, SPN Mys Shipunski, etc.

ISCJB 09:20:53:43.0-1.2, 43:12N:0:07:126:34W, 0:09, h14km, mb2.9/1, Error ellipse: s-maj=11.0km s-min=8.1km az=139.7

IDC 09:20:53:43.7-2.3, 43:31N:126:04W, h0km, mb2.8/2, mb1.3/3.5, mb1mx3.1/46, mbtmp2.9/5, ML3.1/3, MS3.2/1, Ms1.3/2, ms1mx2.6/11, Error ellipse: s-maj=47.0km s-min=15.5km az=50.0

ISC 09:20:53:45.4-1.8, 43:18N:0:08:126:33W, 0:1, h14km, n18, s150/19, mb4.2/11, Near coast of Oregon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I03D Drain, I03D Cave Junction, I04A Tendick Farm, etc.

IDC 09:21:09:49.4-0.9, 39:29N:73:71E, h0km, mb3.4/8, mb1.3/5.14, mb1mx3.4/54, mbtmp3.4/14, ML2.9/6, MS1.7/1, Ms1.1/7, ms1mx1.7/38, Error ellipse: s-maj=18.6km s-min=14.1km az=90.0

NNC 09:21:09:51.9-1.4, 39:55N:73:70E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=17.7km s-min=6.9km az=65.0

KRNET 09:21:09:51.5-0.1, 39:54N:73:66E, mb3.7, SOME 09:21:09:53.4, 39:93N:74:17E, h10km

ISC 09:21:09:51.9-1.1, 63.950N:0:05:73:80E, 0:04, h9km, g9km, n52, c214/75, mb3.5/10, 27C-20D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, ARS Arslanbob, ARSB Arslanbob, etc.

244A	Avery, Jackson	66.87 343	P	P	21 41 41.8 +0.7
341A	Kurthwood	66.87 340	P	P	21 41 42.1 +0.9
147A	Livingston	66.90 345	P	P	21 41 41.1 -0.2
243A	Waterproof	66.92 342	P	P	21 41 41.9 +0.4
SYO	Syowa Base	66.95 159J	eP	P	21 41 40.2 -1.1
SYO	Syowa Base	66.95 159J/X	eP	P	21 41 43.4 +2.1
LRAL	Lakeview Retre	66.98 346	P	P	21 41 41.5 -0.3
LRAL	Lakeview Retre	66.98 346	eP	P	21 41 41.8 0.0
VBMS	Vicksburg	66.99 343	P	P	21 41 42.7 +0.7
Z49A	Columbiana	67.04 347	P	P	21 41 41.7 -0.6
146A	Union	67.04 344	P	P	21 41 42.8 +0.5
TAOE	Nuku Hiva Isla	67.14 274	eLR	LR	22 02 10.8
145A	Houston Renfro	67.22 343	P	P	21 41 44.3 +0.9
242A	Grayson	67.27 341	P	P	21 41 44.6 +0.9
HODGE	Hodge	67.34 351	eP	P	21 41 44.2 +0.1
144A	Alexander Plac	67.36 343	P	P	21 41 44.7 +0.4
Z47A	Carrollton	67.36 345	P	P	21 41 44.3 0.0
Z48A	Northport	67.42 346	P	P	21 41 44.2 -0.5
241A	Mo Tay, Golden	67.44 341	P	P	21 41 45.8 +0.9
Z46A	Louisville	67.55 344	P	P	21 41 45.9 +0.4
HPIG	HPIG	67.55 327	eP	P	21 41 47.2 +1.3
Y49A	Blount Mountain	67.66 347	P	P	21 41 45.6 -0.6
143A	Socs Landing,	67.68 342	P	P	21 41 47.0 +0.7
240A	Hunter Patters	67.70 340	P	P	21 41 47.0 +0.6
NATX	Nacogdoches	67.70 339	P	P	21 41 46.9 +0.4
NATX	Nacogdoches	67.70 339	eP	P	21 41 47.9 +1.4
435B	Jarrell	67.75 336	P	P	21 41 47.2 +0.5
Y48A	Jasper	67.86 346	P	P	21 41 46.8 -0.7
TBI	Tubuai	67.88 256	eS	S	21 50 54.9 +12
TBI	Tubuai	67.88 256	eLR	LR	22 02 40.4
TBI	Tubuai	67.88 256	eT	T	22 55 54.8
Z45A	Winona	67.89 344	P	P	21 41 47.8 +0.2
Z44A	Pea Ridge, Bel	67.98 343	P	P	21 41 48.4 +0.2
Y47A	UCPARC, Winfie	67.99 346	P	P	21 41 48.1 -0.1
X50A	Fort Payne	68.10 348	P	P	21 41 48.3 -0.7
KMSC	Kings Mountain	68.11 352	P	P	21 41 48.4 -0.6
KMSC	Kings Mountain	68.11 352	eP	P	21 41 48.5 -0.6
BG3	Lake Jocassee	68.18 350	eP	P	21 41 49.7 +0.2
Y46A	Houston	68.21 345	P	P	21 41 49.4 -0.1
140A	Cam and Jess,	68.21 340	P	P	21 41 50.2 +0.6
JCT	Junction City	68.26 334	P	P	21 41 50.4 +0.3
JCT	Junction City	68.26 334	eP	P	21 41 50.7 +0.6
JCT	Junction City	68.26 334	eP	P	21 41 50.7 +0.6
JCT	Junction City	68.26 334	eP	P	21 41 50.7 +0.6
X49A	Woodville	68.28 347	P	P	21 41 49.7 -0.3
237A	Washetta, Mont	68.28 338	P	P	21 41 50.7 +0.6
Y45A	Yeager Farm, C	68.33 344	P	P	21 41 50.9 +0.5
X48A	Hartselle	68.36 346	P	P	21 41 50.4 -0.1
236A	Katherine and	68.51 337	P	P	21 41 51.6 +0.1
Z41A	Richland Creek	68.58 341	P	P	21 41 52.3 +0.4
X47A	Russelville	68.59 346	P	P	21 41 51.5 -0.5
138A	Matatal Enter	68.67 339	P	P	21 41 52.9 +0.4
Y43A	Makayia and Ka	68.71 343	P	P	21 41 53.1 +0.4
TXAR	Lajitas Array	68.76 330	P	P	21 41 54.1 +0.8
TXAR	Lajitas Array	68.76 330	eP	P	22 07 32.6
TX31	Lajitas A Si	68.76 330	eP	P	21 41 53.8 +0.5
WHTX	Lake Whitney,	68.81 337	P	P	21 41 53.6 +0.2
137A	Huron Place, G	68.82 338	P	P	21 41 53.9 +0.5
X45A	JM Field Stati	68.83 344	P	P	21 41 53.0 -0.5
Y42A	Garnett, Star	68.85 342	P	P	21 41 53.7 +0.1
CPCT	Cooper Cave	68.88 349	eP	P	21 41 53.6 -0.1
OXF	Oxford	68.92 344	P	P	21 41 53.4 -0.6
OXF	Oxford	68.92 344	eP	P	21 41 53.3 -0.7
OXF	Oxford	68.92 344	eP	P	21 41 53.3 -0.7
OXF	Oxford	68.92 344	eP	P	21 41 53.3 -0.7
136A	Ennis	68.95 338	P	P	21 41 54.2 -0.1
TKL	Tuckaleechee C	68.96 350	eP	P	21 41 53.7 -0.6
TKL	Tuckaleechee C	68.96 350	eP	P	21 41 53.7 -0.6
X44A	Crenshaw	69.08 344	P	P	21 41 54.6 -0.5
PLAL	Pickwick Lake	69.08 346	eP	P	21 41 55.0 0.0
Y41A	Eaglette Beard	69.11 341	P	P	21 41 55.9 +0.6
Z38A	Mt. Pleasant	69.20 339	P	P	21 41 56.0 +0.2
X43A	Marvell	69.27 343	P	P	21 41 56.2 0.0
Z37A	Pogue Cattle C	69.34 339	P	P	21 41 56.9 +0.2
Y40A	Okolona	69.42 341	P	P	21 41 57.1 0.0
W45A	Hickory Valley	69.49 345	P	P	21 41 57.4 -0.2
X42A	Stuttger	69.49 343	P	P	21 41 57.5 0.0
V48A	Smith Brothers	69.57 347	P	P	21 41 57.8 -0.2
Z36A	Blue Ridge	69.66 338	P	P	21 41 59.1 +0.5
X40A	Basin Creek Fa	69.74 342	P	P	21 41 59.5 +0.4
MIAR	Mount Ida	70.00 341	P	P	21 42 00.5 -0.2
MIAR	Mount Ida	70.00 341	eP	P	21 42 00.5 -0.2
MIAR	Mount Ida	70.00 341	eP	P	21 42 00.5 -0.2
MIAR	Mount Ida	70.00 341	eP	P	21 42 00.5 -0.2
Y45A	Humboldt	70.00 345	P	P	21 42 00.1 -0.6
X39A	Fountain Ranch	70.12 340	P	P	21 42 01.8 +0.3

ABTX	Abilene, Hawle	70.14 335	P	P	21 42 02.0 +0.3
ABTX	Abilene, Hawle	70.14 335	eP	P	21 42 01.7 +0.1
WVT	Waverly	70.14 346	P	P	21 42 01.2 -0.4
WVT	Waverly	70.14 346	eP	P	21 42 01.3 -0.2
WVT	Waverly	70.14 346	eP	P	21 42 01.3 -0.2
Y36A	Durant	70.19 338	P	P	21 42 02.0 +0.1
W41B	Garrett, Mevity, V	70.24 342	P	P	21 42 02.0 -0.2
U48A	Cassie Pea, Po	70.26 347	P	P	21 42 01.6 -0.6
JSRW	J. Sargeant Re	70.30 355	eP	P	21 42 02.9 +0.5
U47A	Clarksville	70.33 347	P	P	21 42 02.3 -0.4
X301	Greenbrier Sit	70.34 342	eP	P	21 42 03.3 +0.5
WHAR	Woolly Hollow	70.36 342	eP	P	21 42 03.2 +0.4
Y35A	Marietta	70.43 338	P	P	21 42 03.8 +0.4
U46A	Springville	70.43 346	P	P	21 42 03.0 -0.3
X38A	Whitesboro	70.47 340	P	P	21 42 04.1 +0.5
W40A	Ferguson Farm,	70.47 342	P	P	21 42 04.0 +0.4
W40A	Ferguson Farm,	70.47 342	eP	P	21 42 04.5 +0.9
IP06	Yanceyville	70.54 355	eP	P	21 42 04.6 +0.7
U45A	Rocky P Farm,	70.54 345	P	P	21 42 03.8 -0.2
X37A	Clayton	70.55 339	P	P	21 42 04.2 +0.1
IP01	Cuckoo	70.56 355	eP	P	21 42 05.0 +0.9
SPRD	Spring Road, M	70.62 355	eP	P	21 42 04.8 +0.4
Y42A	Cord	70.62 343	P	P	21 42 04.1 -0.4
IP03	Louisa	70.63 355	eP	P	21 42 05.1 +0.6
U44B	Burton Farm, H	70.66 345	P	P	21 42 04.7 0.0
CVRD	Centerville Ro	70.66 355	eP	P	21 42 05.2 +0.5
W39A	Magazine	70.67 341	P	P	21 42 05.2 +0.4
PPT2	Papeete	70.69 261	eS	S	21 51 28.5 +12
PPT2	Papeete2	70.69 261	eLR	LR	22 03 35.0
IP04	Greensprings	70.71 355	eP	P	21 42 05.9 +0.9
W38A	Poteau	70.76 340	P	P	21 42 05.7 +0.4
V41A	Mountainview	70.80 343	P	P	21 42 05.3 -0.3
T48A	Bowling Green	70.82 348	P	P	21 42 05.0 -0.6
T47A	Sharon Grove	70.83 347	P	P	21 42 05.2 -0.5
X36A	Centrahoma	70.83 339	P	P	21 42 05.2 -0.6
X35A	Drake	70.87 338	P	P	21 42 05.7 -0.3
V40A	Whites Springs	70.98 342	P	P	21 42 06.3 -0.5
T46A	Princeton	71.03 346	P	P	21 42 06.5 -0.4
W37B	Quinton	71.08 340	P	P	21 42 07.3 0.0
W37B	Quinton	71.08 340	eP	P	21 42 07.0 -0.3
U42A	Reviden	71.11 343	P	P	21 42 07.2 -0.2
V39A	Pettigrew	71.23 341	P	P	21 42 08.2 -0.1
U41A	Viola	71.27 343	P	P	21 42 08.1 -0.3
S48A	Wiedeman Farm,	71.29 348	P	P	21 42 07.3 -1.2
PBMO	Poplar Bluff	71.33 344	eP	P	21 42 08.8 +0.1
T44A	Ben	71.43 345	P	P	21 42 08.7 -0.6
V38A	Canehill	71.47 341	P	P	21 42 09.1 -0.5
U40A	Yellow	71.51 342	P	P	21 42 09.7 -0.2
W35A	Tecumseh	71.53 338	P	P	21 42 09.3 -0.8
MNXT	Cornudas Mount	71.54 330	P	P	21 42 09.7 -0.5
MNXT	Cornudas Mount	71.54 330	eP	P	21 42 09.6 -0.6
T43A	Greenville	71.58 344	P	P	21 42 09.9 -0.4
S46A	Don Dixon Farm	71.62 347	P	P	21 42 09.5 -0.9
V37A	Hulbert	71.69 340	P	P	21 42 10.6 -0.4
U39A	Greene Forest	71.70 342	P	P	21 42 10.7 -0.3
T42A	Van Buren	71.72 344	P	P	21 42 10.2 -0.9
HHAR	Hobbs	71.73 341	eP	P	21 42 11.2 0.0
WMOK	Wichita Mounta	71.76 337	P	P	21 42 11.0 -0.5
WMOK	Wichita Mounta	71.76 337	eP	P	21 42 11.5 0.0
WMOK	Wichita Mounta	71.76 337	eP	P	21 42 11.5 0.0
S45A	Carrier Mills	71.79 346	P	P	21 42 10.6 -0.8
V36A	Jenks	71.84 339	P	P	21 42 11.6 -0.3
V36A	Jenks	71.84 339	eP	P	21 42 12.1 +0.2
USIN	University of	71.88 347	eP	P	21 42 11.6 -0.4
WCI	Wyandotte Cave	71.89 348	P	P	21 42 11.1 -1.0
WCI	Wyandotte Cave	71.89 348	eP	P	21 42 11.5 -0.6
WCI	Wyandotte Cave	71.89 348	eP	P	21 42 11.5 -0.6
T41A	Mountain View	71.89 343	P	P	21 42 11.8 -0.3
TUL1	Leonard	71.91 340	P	P	21 42 11.8 -0.5
TUL1	Leonard	71.91 340	eP	P	21 42 11.9 -0.3
SDMD	Soldier's Deli	71.93 356	eP	P	21 42 13.2 +0.9
S44A	Catandale	71.94 345	P	P	21 42 11.8 -0.6
SIUC	Southern Illin	71.96 345	eP	P	21 42 12.5 0.0
R48A	Northridge Ran	71.98 348	P	P	21 42 11.8 -0.8
R47A	Wooly Knot Far	71.99 348	P	P	21 42 11.4 -1.3
U38A	Gravette	72.00 341	P	P	21 42 12.3 -0.5
S43A	Fulton Ridge,	72.00 345	P	P	21 42 12.3 -0.5
V35A	Meyer Ranch, C	72.08 339	P	P	21 42 12.7 -0.6
V35A	Meyer Ranch, C	72.08 339	eP	P	21 42 13.4 +0.1
R46A	Gibson Southern	72.09 347	P	P	21 42 12.2 -1.1
U37A	Saline	72.17 340	P	P	21 42 13.4 -0.5
T40A	Mansfield	72.18 343	P	P	21 42 13.5 -0.4
T39A	Clever	72.28 342	P	P	21 42 14.2 -0.3

R45A	Skylar, Fairri	72.32 346	P	P	21 42 13.7 -1.0
S42A	Caledonia	72.36 344	P	P	21 42 14.1 -0.8
S41A	Jilloe	72.41 343	P	P	21 42 14.9 -0.3
R44A	Waltonville	72.44 346	P	P	21 42 14.6 -0.8
FVM	French Village	72.48 345	eP	P	21 42 15.8 +0.2
FVM	French Village	72.48 345	eP	P	21 42 15.8 +0.2
MVL	Genelle	72.49 356	eP	P	21 42 16.5 +0.9
MSTX	Muleshoe	72.49 333	P	P	21 42 15.7 -0.2
MSTX	Muleshoe	72.49 333	eP	P	21 42 16.1 +0.2
S40A	Lebanon	72.60 343	P	P	21 42 16.2 -0.2
R43A	Red Bud	72.65 345	P	P	21 42 16.1 -0.5
CCM	Cathedral Cave	72.73 344	P	P	21 42 17.0 -0.1
CCM	Cathedral Cave	72.73 344	eP	P	21 42 16.6 -0.5
CCM	Cathedral Cave	72.73 344	eP	P	21 42 16.6 -0.5
PAGS	Pennsylvania G	72.74 356	eP	P	21 42 17.7 +0.6
T37A	Cheneyville 18	72.79 341	P	P	21 42 17.1 -0.4
R42A	Luebbering	72.84 344	P	P	21 42 17.3 -0.5
BLO	Bloomington	72.84 348	eP	P	21 42 17.2 -0.5
BLO	Bloomington	72.84 348	eP	P	21 42 17.2 -0.5
Q46A	CEJHS Indians,	72.85 347	P	P	21 42 16.5 -1.3
Q45A	Warren Harvey,	72.88 347	P	P	21 42 16.9 -1.0

O42A	Bath	74.52 346	P	P	21 42 26.7	-0.8
R34A	Isabella, Hill	74.55 339	P	P	21 42 27.8	0.0
N46A	Monticello	74.56 348	P	P	21 42 26.6	-1.1
LAZ	Ladron	74.61 330	eP	P	21 42 30.3	+1.8
O41A	Passleys Farm,	74.62 345	P	P	21 42 27.4	-0.8
QUA2	Belchertown	74.64 360	eP	P	21 42 29.0	+0.8
N45A	Kentland	74.65 348	P	P	21 42 27.1	-1.2
HDIL	Hopedale	74.71 346	P	P	21 42 28.0	-0.6
N44A	Piper City	74.71 347	P	P	21 42 27.8	-0.9
O35A	Mercer Eighty,	74.72 341	P	P	21 42 28.4	-0.4
WES	Weston	74.75 0	eP	Pmax	21 42 29.6	+0.8
WES	Weston	74.75 0	eP	Pmax	21 42 29.6	+0.8
P38A	Dawn	74.78 343	P	P	21 42 28.5	-0.5
ANMO	Albuquerque	74.80 331	P	P	21 42 30.3	+0.8
ANMO	Albuquerque	74.80 331	dIP	Pmax	21 42 31.2	+1.6
ANMO	Albuquerque	74.80 331	eP	Pmax	21 42 30.3	+0.8
O40A	La Belle	74.85 344	P	P	21 42 29.1	-0.4
HRV	Adam Dzewiosk	74.87 0	eP	Pmax	21 42 30.6	+1.1
HRV	Adam Dzewiosk	74.87 0	eP	Pmax	21 42 30.6	+1.1
HRV	Adam Dzewiosk	74.87 0	eP	Pmax	21 42 30.6	+1.1
P37A	Lathrop	74.95 342	P	P	21 42 29.4	-0.6
Q34A	Chapman	75.04 340	P	P	21 42 30.4	-0.2
N43A	Stutzman Famil	75.05 346	P	P	21 42 30.1	-0.6
KSU1	Kansas State U	75.11 340	P	P	21 42 30.3	-0.7
TRY	Troy	75.11 359	eP	P	21 42 32.0	+1.1
N42A	Yates City	75.12 346	P	P	21 42 30.3	-0.8
O39A	Kirkville	75.13 344	P	P	21 42 30.7	-0.4
N41A	Harden Midland	75.18 345	P	P	21 42 30.7	-0.7
P36A	Good Intent, A	75.21 341	P	P	21 42 30.9	-0.7
SUR	Sutherland	75.21 119	eP	P	21 42 33.2	+1.0
M44A	Midewin, Midew	75.27 347	P	P	21 42 31.0	-0.9
MMNV	Mt. Morris Dam	75.31 355	eP	P	21 42 32.4	+0.3
P35A	Duane Minner,	75.34 341	P	P	21 42 31.7	-0.6
O37A	Wolven Farm, M	75.44 342	P	P	21 42 32.4	-0.5
M43A	Waltham Townsh	75.49 347	P	P	21 42 32.5	-0.6
N40A	Mertquake, Sal	75.51 345	P	P	21 42 32.6	-0.7
P34A	Walnut Farm, R	75.59 340	P	P	21 42 33.7	0.0
M42A	Sheffield	75.67 346	P	P	21 42 33.1	-1.0
N39A	Derby Farms, D	75.71 344	P	P	21 42 34.0	-0.4
M41A	Milan	75.75 345	P	P	21 42 33.8	-0.8
ACCN	Adirock Com	75.77 359	eP	P	21 42 35.3	+0.7
CBK5	Cedar Bluff	75.79 338	P	P	21 42 35.4	+0.5
CBK5	Cedar Bluff	75.79 338	eP	Pmax	21 42 35.5	+0.5
CBK5	Cedar Bluff	75.79 338	eP	Pmax	21 42 35.5	+0.5
N38A	Joel South Fork	75.81 343	P	P	21 42 34.6	-0.3
T25A	Trinidad	75.91 334	P	P	21 42 37.1	+1.2
T25A	Trinidad	75.91 334	eP	P	21 42 37.3	+1.4
M40A	Post Highland	75.99 345	P	P	21 42 35.2	-0.8
O35A	Humboldt	76.00 341	P	P	21 42 34.9	-1.1
MHTCO	State Highway	76.01 333	eP	P	21 42 38.3	+1.8
N37A	Lee Farris, Mou	76.02 343	P	P	21 42 35.4	-0.7
HNH	Hanover	76.07 360	eP	P	21 42 37.6	+1.3
O34A	Beatrice	76.14 341	P	P	21 42 36.3	-0.5
L43A	Garden Prairie	76.17 347	P	P	21 42 36.5	-0.5
L42A	Oliver, Polo	76.18 346	P	P	21 42 36.3	-0.8
M39A	Webster	76.21 344	P	P	21 42 36.4	-0.8
N36A	Muff Farm, Cla	76.26 342	P	P	21 42 37.2	-0.4
O33A	Hebron	76.29 340	P	P	21 42 37.7	-0.1
M38A	Pleasantville	76.39 344	P	P	21 42 37.8	-0.4
L41A	Preston	76.41 346	P	P	21 42 37.8	-0.6
N35A	Tabor	76.48 342	P	P	21 42 38.4	-0.4
X16A	Lo Mia Camp, P	76.51 327	eP	P	21 42 41.2	+1.9
L40A	Anamosa	76.56 345	P	P	21 42 38.5	-0.7
M37A	Trindle Farm,	76.58 343	P	P	21 42 39.3	0.0
LBNH	Lisbon	76.60 360	eP	Pmax	21 42 40.4	+1.0
LBNH	Lisbon	76.60 360	eP	Pmax	21 42 40.4	+1.0
N34A	Lincoln	76.69 341	P	P	21 42 39.6	-0.4
L39A	Vinton	76.78 345	P	P	21 42 40.0	-0.4
M36A	Felix, Anita	76.82 342	P	P	21 42 40.5	-0.2
Y14A	Wickenburg	76.85 326	eP	P	21 42 42.7	+1.6
SCIA	State Center	76.86 344	P	P	21 42 40.4	-0.5
SDCO	Great Sand Dun	76.86 333	P	P	21 42 42.2	+0.9
K42A	Prairie Point,	76.86 347	P	P	21 42 40.5	-0.9
K41A	Shullsburg	76.89 346	P	P	21 42 40.6	-0.4
KSCO	Kaye Shedlock	76.93 336	P	P	21 42 42.3	+0.8
L38A	Oak Wood Farm,	77.02 344	P	P	21 42 41.3	-0.5
LONY	Lake Ozonia	77.03 358	eP	P	21 42 41.6	-0.2
M35A	Neola	77.06 342	P	P	21 42 41.8	-0.3
K40A	Colesburg	77.15 345	P	P	21 42 42.0	-0.5
EMMW	East Machias	77.17 3	eP	P	21 42 43.6	+1.1
JFWS	Jewell Farm	77.17 346	eP	P	21 42 42.1	-0.5
JFWS	Jewell Farm	77.17 346	eP	Pmax	21 42 42.1	-0.5
JFWS	Jewell Farm	77.17 346	eP	Pmax	21 42 42.1	-0.5

L37A	Phenix Point,	77.19 343	P	P	21 42 42.0	-0.7
WIN	Windhoek	77.21 109	P	Pmax	21 42 44.3	+0.5
FRNY	Flat Rock	77.22 359	eP	P	21 42 43.4	+0.6
J43A	Natural Harves	77.27 348	P	P	21 42 42.6	-0.6
K39A	Uelwein	77.31 345	P	P	21 42 43.0	-0.4
IKP	In-Ko-Pah, Jac	77.34 323	P	P	21 42 45.4	+1.5
J42A	Columbus	77.34 347	P	P	21 42 43.2	-0.3
S22A	4UR Ranch, Cre	77.37 332	eP	P	21 42 45.2	+0.9
S22A	4UR Ranch, Cre	77.37 332	eP	P	21 42 45.7	+1.4
L36A	Harm Buss Farm	77.39 343	P	P	21 42 43.6	-0.3
WUAZ	Wupaki	77.40 328	P	P	21 42 45.7	+1.4
Y12C	Blythe	77.42 325	P	P	21 42 45.6	+1.3
K38A	Parkersburg	77.46 344	P	P	21 42 43.6	-0.7
J41A	Loganville	77.56 346	P	P	21 42 44.2	-0.6
MVCO	Mesa Verde	77.58 331	P	P	21 42 46.3	+0.9
MVCO	Mesa Verde	77.58 331	eP	P	21 42 46.1	+0.7
GGN	Saint George	77.61 4	eP	P	21 42 46.1	+1.2
L35A	Bielow Farm, R	77.63 342	P	P	21 42 45.0	-0.2
BAR	Barrett	77.65 322	eP	P	21 42 47.4	+1.8
PKME	Peas-Kenny Pk	77.66 2	eP	P	21 42 46.2	+1.0
BGNE	Belgrade	77.69 340	P	P	21 42 45.6	0.0
I43A	Langenfeld Bro	77.71 348	P	P	21 42 45.2	-0.4
L34A	Svendsen Farm,	77.71 341	P	P	21 42 45.2	-0.5
J40A	Soldiers Grove	77.73 346	P	P	21 42 45.2	-0.5
K37A	Beimond	77.77 344	P	P	21 42 45.6	-0.4
Q24A	Divide	77.79 334	P	P	21 42 47.5	+0.9
Q24A	Divide	77.79 334	eP	P	21 42 48.1	+1.5
BC3	Big Chuckawall	77.81 324	P	P	21 42 47.9	+1.3
K36A	Glenn City	77.85 343	P	P	21 42 46.1	-0.3
I42A	Draeger Farm,	77.85 347	P	P	21 42 46.0	-0.4
J39A	Decorah	77.88 345	P	P	21 42 45.8	-0.8
J38A	Wedel Dairy, R	78.03 345	P	P	21 42 46.8	-0.6
IRM	Iron Mountain	78.06 324	P	P	21 42 49.2	+1.3
K35A	Storm Lake	78.12 343	P	P	21 42 47.9	-0.1
L33A	Hoskins	78.14 341	P	P	21 42 47.8	-0.3
I40A	Norwalk	78.18 346	P	P	21 42 47.8	-0.4
I41A	Arkdale	78.20 347	P	P	21 42 47.8	-0.5
L32A	Elgin	78.20 340	P	P	21 42 48.3	-0.1
H43A	Windswept, Lux	78.21 348	P	P	21 42 47.7	-0.7
W13A	Hualapai Mount	78.21 326	eP	P	21 42 50.8	+1.8
XPFO	Pleion Flat	78.27 323	eP	P	21 42 51.2	+2.0
PFO	Pinyon Flats O	78.28 323	P	P	21 42 50.9	+1.7
PFO	Pinyon Flats O	78.28 323	eP	Pmax	21 42 50.2	+1.0
PFO	Pinyon Flats O	78.28 323	eP	Pmax	21 42 50.2	+1.0
K34A	Le Mars	78.31 342	P	P	21 42 48.6	-0.4
I39A	Houston	78.33 346	P	P	21 42 48.5	-0.6
BELC	Belle Mtn. Jos	78.36 324	P	P	21 42 51.3	+1.6
H42A	Shiocton	78.38 348	P	P	21 42 49.1	-0.2
PV01	Parox Valley	78.40 331	eP	P	21 42 50.0	0.0
LMN	Caledonia Moun	78.46 5	eP	P	21 42 50.5	+0.7
J36A	Seneca 1, Swea	78.47 343	P	P	21 42 49.5	-0.4
K33A	Hardington	78.48 341	P	P	21 42 50.0	+0.1
U15A	North Rim	78.56 328	eP	P	21 42 52.8	+1.9
PV05	Paradox Valley	78.57 331	eP	P	21 42 50.1	+1.2
TRQ	Tremblay	78.62 359	eP	P	21 42 50.9	+0.1
SMCO	Snowmass	78.67 333	eP	P	21 42 53.3	+1.7
I38A	Scanlan Farm,	78.68 345	P	P	21 42 50.4	-0.6
H41A	Junco City	78.69 347	P	P	21 42 50.2	-0.8
ISCO	Idaho Springs	78.70 334	P	P	21 42 52.3	+0.7
ISCO	Idaho Springs	78.70 334	eP	Pmax	21 42 52.3	+0.7
ISCO	Idaho Springs	78.70 334	eP	Pmax	21 42 52.3	+0.7
PV10	Parox Valley	78.80 331	eP	P	21 42 52.8	+0.7
JMRC	Granite Moun	78.81 324	P	P	21 42 53.2	+1.0
J34A	George	78.83 342	P	P	21 42 51.5	-0.4
H40A	Chili	78.84 347	P	P	21 42 51.2	-0.6
I37A	Lemond, Waseca	78.90 344	P	P	21 42 51.7	-0.4
PV09	Paradox Valley	78.94 331	eP	P	21 42 54.4	+1.4
G43A	Wallace	78.96 349	P	P	21 42 52.2	-0.3
K31A	O'Neill	78.98 340	P	P	21 42 53.1	+0.3
I36A	Fitzsimmons Fa	79.05 344	P	P	21 42 52.5	-0.5
G42A	Mountain	79.07 348	P	P	21 42 52.7	-0.4
H39A	Augusta	79.07 346	P	P	21 42 52.8	-0.3
PQI	Presque Isle	79.10 3	eP	P	21 42 54.1	+0.9
CIS	Catalina Islan	79.12 322	P	P	21 42 54.8	+1.1
I35A	Creekview Farm	79.12 343	P	P	21 42 53.1	-0.3
J33A	Davis	79.13 342	P			

F31A	Hecla	81.83	342	P	P	21 43 08.1	+0.2
D36A	Goodland	81.85	345	P	P	21 43 08.0	0.0
E33A	Westby DABS, E	81.86	343	P	P	21 43 07.7	-0.3
C39A	Grand Marais	81.86	348	P	P	21 43 08.0	0.0
PAGB	Antelope Grade	81.88	322	eP	P	21 43 10.5	+2.1
CTU	Camp Tracy	81.88	330	eP	P	21 43 08.4	-0.1
DUG	Dugway, Tooele	81.91	329	P	P	21 43 09.6	+1.0
DUG	Dugway, Tooele	81.91	329	eP	P	21 43 08.5	-0.2
DUG	Dugway, Tooele	81.91	329	eP	P	21 43 08.5	-0.2
D35A	Remer	81.95	345	P	P	21 43 08.1	-0.4
RSSD	Black Hills	81.97	337	P	P	21 43 09.4	+0.4
RSSD	Black Hills	81.97	337	eP	P	21 43 09.3	+0.4
RSSD	Black Hills	81.97	337	eP	P	21 43 09.3	+0.3
C38A	Sawbill Land	81.98	347	P	P	21 43 08.3	-0.4
C37A	Embarrass	82.17	346	P	P	21 43 09.3	-0.4
EYMN	Ely	82.25	347	P	P	21 43 09.3	-0.7
C36A	Pine Crest Far	82.33	346	P	P	21 43 10.3	-0.1
E31A	Nome	82.38	342	P	P	21 43 10.6	-0.2
D33A	AnnSam, Waubun	82.42	344	P	P	21 43 10.6	-0.4
C35A	Jirik Farms, M	82.52	345	P	P	21 43 10.9	-0.6
LBTB	Loblatse	82.60	115	eP	P	21 43 12.9	+0.1
LBTB	Loblatse	82.60	115	eP	P	21 43 12.9	+0.1
BGU	Big Grassy Mow	82.61	330	eP	P	21 43 12.9	+0.6
C34A	RK Ranch, Bem	82.68	344	P	P	21 43 11.8	-0.5
D32A	Dogwood Acres	82.70	343	P	P	21 43 12.4	0.0
PDAR	Pinedale Array	82.75	333	P	P	21 43 12.6	-0.5
PDAR	Pinedale Array	82.75	333	P	P	21 43 12.6	-0.5
D31A	Mcclellan, Tow	82.79	342	P	P	21 43 13.1	+0.2
NV11	Mina Array Sit	82.93	325	eP	P	21 43 15.3	+0.1
C33A	Trail	82.98	344	P	P	21 43 13.2	-0.6
NV01	Mina Array	83.00	325	eP	P	21 43 15.4	+0.9
NVAR	Mina Array Bea	83.00	325	eP	P	21 43 15.6	+1.2
B35A	Bob, Littlefor	83.09	345	P	P	21 43 13.8	-0.6
C32A	Crookston	83.22	343	P	P	21 43 15.3	+0.2
KVN	Kaiserville	83.39	325	eP	P	21 43 17.6	+1.2
KVN	Kaiserville	83.39	325	eP	P	21 43 17.6	+1.2
B34A	Aery, Baudette	83.41	345	P	P	21 43 15.4	-0.7
B33A	Robert and Kas	83.42	344	P	P	21 43 15.6	-0.5
C31A	Landman Farms	83.49	343	P	P	21 43 16.1	-0.3
AGMN	Agassiz Nation	83.51	344	P	P	21 43 16.1	-0.5
AGMN	Agassiz Nation	83.51	344	P	P	21 43 16.4	-0.2
TOAD	Torodi Ar. Sit	83.53	70	P	P	21 43 16.8	-0.6
TORD	Torodi Ar. Bea	83.53	70	P	P	21 43 16.9	-0.5
TORD	Torodi Ar. Bea	83.53	70	P	P	21 43 16.9	-0.5
WAKR	Walker	83.61	324	eP	P	21 43 19.6	+2.0
CMB	Columbia Colle	83.72	323	eP	P	21 43 19.2	+1.3
CMB	Columbia Colle	83.72	323	eP	P	21 43 19.2	+1.3
CMB	Columbia Colle	83.72	323	eP	P	21 43 19.2	+1.3
B32A	Ashes, Strandq	83.76	344	P	P	21 43 17.5	-0.4
YERR	Yerrington	83.89	325	eP	P	21 43 20.7	+1.7
A33A	Warroad	84.00	345	P	P	21 43 18.8	-0.3
MDND	Madcock	84.02	342	P	P	21 43 19.3	+0.1
MDND	Madcock	84.02	342	eP	P	21 43 19.1	-0.2
B31A	Greenbush Farm	84.05	343	P	P	21 43 19.2	-0.1
PNTR	Pine Nut	84.14	325	eP	P	21 43 22.2	+1.9
A32A	Rocking H Ranc	84.23	344	P	P	21 43 19.8	-0.4
A31A	Linda, St. Vin	84.41	343	P	P	21 43 20.8	-0.3
PAHR	Pah Rang Range	84.52	325	eP	P	21 43 23.8	+1.7
RLMT	Red Lodge	84.66	334	P	P	21 43 22.9	+0.1
RLMT	Red Lodge	84.66	334	P	P	21 43 23.4	+0.7
AFDM	Forest Hills D	84.71	324	eP	P	21 43 24.0	+1.1
YMR	Madison River	84.91	333	eP	P	21 43 25.5	+1.5
YHR	Holmes Hill	84.96	333	eP	P	21 43 25.6	+1.2
YHB	Horse Butte	85.06	333	eP	P	21 43 27.2	+2.4
BEKR	Beckworth	85.12	325	eP	P	21 43 26.8	+1.6
ULM	Lac du Bonnet	85.34	345	P	P	21 43 24.8	-1.0
ORV	Oroville	85.44	324	eP	P	21 43 28.1	+1.6
ORV	Oroville	85.44	324	eP	P	21 43 28.1	+1.6
ORV	Oroville	85.44	324	eP	P	21 43 28.1	+1.6
MCMT	McKenzie Canyo	85.77	332	eP	P	21 43 29.3	+0.9
SORM	Canas Ranch	85.84	329	eP	P	21 43 29.0	+0.4
DGMT	Dagmar	85.89	339	eP	P	21 43 29.1	+0.5
DGMT	Dagmar	85.89	339	eP	P	21 43 28.7	+0.1
BOZ	Bozeman (W)	85.94	333	P	P	21 43 29.6	+0.6
BOZ	Bozeman (W)	85.94	333	eP	P	21 43 29.7	+0.6
BOZ	Bozeman (W)	85.94	333	eP	P	21 43 29.6	+0.6
O03D	Paynes Creek	86.15	324	P	P	21 43 30.3	+0.1
WVOR	Wild Horse Val	86.30	327	eP	P	21 43 32.1	+1.2
WVOR	Wild Horse Val	86.30	327	eP	P	21 43 32.0	+1.2
MOD	Modoc Plateau	86.66	326	eP	P	21 43 33.2	+0.5
WDC	Whiskeytown Da	86.74	324	eP	P	21 43 33.0	+0.1
WDC	Whiskeytown Da	86.74	324	eP	P	21 43 33.0	+0.1
WDC	Whiskeytown Da	86.74	324	eP	P	21 43 33.0	+0.1
RAO	Raoul Island	86.78	237	SKKp	SKKp	22 04 52.9	+3.7
J08A	Circle Bar Ran	86.96	328	eP	P	21 43 35.2	+1.1

KMRM	Mail Ridge	87.06	323	eP	P	21 43 36.8	+2.2
N02D	Trinity Center	87.12	324	P	P	21 43 35.3	+0.4
M04C	Maccdoel	87.30	325	P	P	21 43 36.4	+0.5
SCHO	Schefferville	87.31	3	P	P	21 43 34.6	-0.7
SCHO	Schefferville	87.31	3	P	P	21 43 34.6	-0.7
M02C	Callahan	87.50	324	P	P	21 43 37.4	+0.7
K05A	Summer Lake	87.58	326	eP	P	21 43 38.9	+1.7
BMO	Blue Mountains	87.63	329	eP	P	21 43 37.3	0.0
BMO	Blue Mountains	87.63	329	eP	P	21 43 37.3	0.0
YBH	Yreka Blue Hor	87.69	324	eP	P	21 43 37.9	+0.3
YBH	Yreka Blue Hor	87.69	324	eP	P	21 43 37.9	+0.3
I07A	Izeze	87.89	328	eP	P	21 43 40.4	+1.4
L02D	Cave Junction	88.45	324	P	P	21 43 42.7	+1.6
F10A	Beach Ranch, E	88.49	330	eP	P	21 43 41.8	+0.5
J04D	Umpqua Nationa	88.54	326	P	P	21 43 42.9	+1.1
G08A	Pilot Rock	88.69	329	eP	P	21 43 43.2	+0.9
JTMT	Jette	88.74	333	eP	P	21 43 43.2	+0.7
I05D	Terrebonne, OR	89.02	327	P	P	21 43 45.0	+1.2
I04A	Tendick Farm,	89.11	326	P	P	21 43 45.2	+1.0
E09A	Wood Farm, Sta	89.31	330	eP	P	21 43 45.0	0.0
LSZ	Lusaka	89.59	108	eP	P	21 43 50.1	+1.1
LSZ	Lusaka	89.59	108	eP	P	21 43 50.1	+1.1
D08A	Wollman Farm,	90.06	330	eP	P	21 43 49.3	+0.8
C09A	Chrisman Ranch	90.38	331	eP	P	21 43 50.7	+0.7
FFC	Flin Flon	90.91	343	eP	P	21 43 51.9	-0.4
FFC	Flin Flon	90.91	343	eP	P	21 43 51.9	-0.4
PTEO	Sao Teotonia	91.28	45	eP	P	21 43 54.9	+0.5
PNCL	Nicolaou / Gran	91.77	45	eP	P	21 43 56.9	+0.2
PVAQ	Vaqueiros	91.79	46	eLR	LR	22 16 50.5	
TAM	Tamanrasset	92.03	64	eP	P	21 43 58.5	0.0
TAM	Tamanrasset	92.03	64	eP	P	21 43 58.5	0.0
PMTG	Montargil	92.58	44	eP	P	21 44 00.3	-0.1
PBAR	Barrancos	92.70	45	eP	P	21 44 00.7	-0.3
PMRV	Marv???	93.30	44	eP	P	21 44 02.8	-1.0
PMRV	Marv???	93.30	44	eLR	LR	22 16 12.2	
PCBR	Castelo Branco	93.52	44	eP	P	21 44 04.2	-0.5
MTE	Mateigas	93.84	44	eP	P	21 44 05.9	-0.4
MTE	Mateigas	93.84	44	eLR	LR	22 18 19.6	
PVRL	Vila Real	94.31	43	eP	P	21 44 08.0	-0.4
PGAV	Gaivreira, Arco	94.44	42	eLR	LR	22 18 11.9	
MVO	Moncorvo	94.63	43	eP	P	21 44 09.6	-0.3
MVO	Moncorvo	94.63	43	eLR	LR	22 18 44.7	
PBRG	Braganca	95.21	43	eP	P	21 44 12.0	-0.5
ESDC	Sonsecra Array	95.40	56	P	P	21 44 13.3	-0.6
ESDC	Sonsecra Array	95.40	56	P	P	21 44 13.3	-0.6
ES19	SONSECA Array	95.56	46	P	P	21 44 13.3	-0.8
YKA	Yellowknife Ar	100.94	341	P	P	21 44 37.1	-0.6
YKA	Yellowknife Ar	100.94	341	P	P	21 48 49.2	+2.4
YKA	Yellowknife Ar	100.94	341	P	P	21 48 49.2	+2.4
DZM	Mont Dzumac	102.20	234	eLR	LR	22 18 26.6	
INK	Inuvik	110.57	340	PKKp	PKKp	22 00 21.8	0.0
GERES	GERESS Array B	111.07	45	PKIKP	PKIKP	21 49 22.0	-0.1
GERES	GERESS Array B	111.07	45	PKIKP	PKIKP	21 49 22.0	-0.1
ILAR	Eielson Array	113.18	333	PKIKP	PKIKP	21 49 25.1	-0.3
ILAR	Eielson Array	113.18	333	PKIKP	PKIKP	22 00 10.4	-2.6
MORC	Moravsky Berou	113.75	45	PKIKP	PKIKP	21 49 27.5	+0.4
MORC	Moravsky Berou	113.75	45	PKIKP	PKIKP	21 49 27.5	+0.4
VTS	Vitoshka	114.60	54	PKIKP	PKIKP	21 49 29.3	+0.2
BZS	Buzias	114.69	50	PKIKP	PKIKP	21 49 29.2	+0.2
BZS	Buzias	114.69	50	PKIKP	PKIKP	21 49 29.2	+0.2
NOA	NORSAR Array B	114.81	32	PKIKP	PKIKP	21 50 37.9	+1.0
DRGR	DRGR	115.83	50	PKIKP	PKIKP	21 49 30.6	-0.6
DRGR	DRGR	115.83	50	PKIKP	PKIKP	21 49 30.7	-0.5
HUMR	Humele	116.51	53	PKIKP	PKIKP	21 49 32.5	0.0
MLR	Muntele Rosu	117.49	52	PKIKP	PKIKP	21 49 35.0	+0.5
MLR	Muntele Rosu	117.49	52	PKIKP	PKIKP	21 49 35.0	+0.5
BURAR	Bucovina Array	117.72	49	PKIKP	PKIKP	21 49 35.2	+0.3
VRI	Vrincioia	118.13	52	PKIKP	PKIKP	21 49 34.9	-0.7
VRI	Vrincioia	118.13	52	PKIKP	PKIKP	21 49 34.9	-0.7
TESR	Tescani	118.29	51	PKIKP	PKIKP	21 49 35.6	-0.3
ASAR	Asar Springs	118.82	207	PKIKP	PKIKP	21 49 37.0	-0.7
ASAR	Asar Springs	118.82	207	PKIKP	PKIKP	21 59 52.6	+0.1
CFR	Carcalui	118.85	53	PKIKP	PKIKP	21 49 36.8	-0.1
CFR	Carcalui	118.85	53	PKIKP	PKIKP	21 49 36.8	-0.1
SORM	Soroca	119.89	50	PKIKP	PKIKP	21 49 38.0	-0.8
SORM	Soroca	119.89	50	PKIKP	PKIKP	21 49 38.0	-0.8
BRTR	Keskin Array B	120.98	60	PKIKP	PKIKP	21 49 41.3	-0.2
BRTR	Keskin Array B	120.98	60	PKIKP	PKIKP	21 50 58.0	-1.4
KIEV	Kiev	121.12	47	PKIKP	PKIKP	21 49 40.2	-0.9
KIEV	Kiev	121.12	47	PKIKP	PKIKP	21 49 40.2	-0.9
AKASO	Malin Array B	121.14	47	PKIKP	PKIKP	21 49 40.1	-1.1
VSU	Vasula	121.53	38	PKIKP	PKIKP	21 49 41.5	-0.2
VSU	Vasula	121.53	38	PKIKP	PKIKP	21 49 41.5	-0.2
FINES							

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LJU, WOL, PDG, TTG, etc.

DDA 10 02:03:14.7, 37.41N:30.81E, h20km, Md2.8

CSEM 10 02:03:15.1, 37.44N:30.76E, h5km, MD2.8, Error ellipse: s-maj=4.4km s-min=3.0km az=143.0

ISK 10 02:03:14.0, 37.44N:30.76E, h4km, MD2.8, ML2.5, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BCK, BUC, SUTC, etc.

CSEM 10 02:03:29.0, 2.1, 37.46N:26.88E, h10km, ML2.7, Error ellipse: s-maj=2.2km s-min=1.7km az=54.0

DDA 10 02:03:30.4, 37.45N:26.98E, h7km, ML2.7

ISK 10 02:03:28.1, 37.46N:26.91E, h10km, MD2.5, ML2.7, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcami?, GCAM G?zelcami?, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcami?, YKAV, etc.

CSEM 10 02:03:46.5, 1.6, 50.34N:18.90E, h1km, Error ellipse: s-maj=30.2km s-min=14.6km az=98.0

PRU 10 02:03:48.7, 50.31N:18.78E, h0km, Poland

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

NNC 10 02:08:23.2, 3.0, 37.80N:71.51E, h0km, mb3.6, mpv3.3, 5C-3D, Error ellipse: s-maj=23.6km s-min=19.1km

az=164.0, Afghanistan-Tajikistan border region

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

ISK 10 02:11:12.1, 36.87N:30.41E, h23km, MD2.4, ML2.3

ISCJB 10 02:11:13.5, 1.4, 36.77N:0.08, 30.42E, 0.07, h4km, 11km, Error ellipse: s-maj=14.2km s-min=9.4km az=174.2

CSEM 10 02:11:13.9, 0.4, 36.84N:30.41E, h12km, MD2.4, Error ellipse: s-maj=12.0km s-min=5.9km az=170.0

DDA 10 02:11:17.2, 36.95N:30.24E, h4km, Md2.5

ISK 10 02:11:14.3, 1.2, 36.86N:0.06, 30.42E, 0.04, h16km, 6km, n13, c080/20, Turkey

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

CSEM 10 02:23:43.4, 0.2, 38.84N:43.48E, h15km, ML2.6, Error ellipse: s-maj=8.1km s-min=4.3km az=101.0

ISK 10 02:23:43.0, 38.82N:43.50E, h13km, MD2.6

DDA 10 02:23:43.8, 38.81N:43.66E, h8km, MD2.6

ISCJB 10 02:23:44.2, 0.6, 38.85N:0.03, 43.51E, 0.07, h20km, 7km, Error ellipse: s-maj=9.7km s-min=4.8km az=12.9

ISK 10 02:23:43.7, 1.0, 38.83N:0.03, 43.51E, 0.04, h15km, 8km, n21, c063/34, Turkey

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

ISCJB 10 02:25:16.9, 0.5, 38.18N:0.04, 26.69E, 0.05, h2km, 7km, Error ellipse: s-maj=7.9km s-min=4.0km az=40.2

ISK 10 02:25:16.1, 38.24N:26.70E, h7km, MD2.5, ML2.5

DDA 10 02:25:16.2, 38.12N:26.61E, h6km, ML2.8

CSEM 10 02:25:17.0, 0.2, 38.20N:26.69E, h2km, MD2.5, Error ellipse: s-maj=7.7km s-min=4.3km az=46.0

ISC 10 02:25:16.8, 0.9, 38.20N:0.03, 26.67E, 0.03, h14km, 6km, n26, c079/38, Aegean Sea

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

KRSC 10 02:28:14.2, 1.9, 50.29N:157.10E, h76km, 24km, ML3.7, Kuril Islands

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

IDC 10 02:32:32.3, 1.7, 34.35S:179.09W, h0km, mb4.1/2, mb1.4/3, mb1mx3/9/37, mbtmp4/2/3, ML4.2, 1.1, Error ellipse: s-maj=42.1km s-min=34.9km az=120.0, South of Kermadec Islands

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

ISCJB 10 02:32:44.8, 0.5, 37.75N:0.05, 68.12E, 0.05, h2km, mb3.5/3, Error ellipse: s-maj=6.8km s-min=5.5km az=159.4

IDC 10 02:32:44.1, 1.2, 37.45N:68.27E, h0km, mb3.6/4, mb1.3/7/10, mb1mx3.4/5/4, mbtmp3.6/10, ML2.8/6, Error ellipse: s-maj=27.5km s-min=14.7km az=145.0

NNC 10 02:32:56.7, 1.7, 38.09N:68.47E, h21km, 7km, mb3.8, mpv3.4, Error ellipse: s-maj=11.4km s-min=10.0km az=29.0

ISC 10 02:32:47.0, 0.8, 37.63N:0.08, 68.19E, 0.06, h22km, n22, c1861/25, mb4/3, 10C-4D, Afghanistan-Tajikistan border region

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

10d 4h

RREF	El Recreo	28.09 343	eP	P	04 11 56.3 +2.2
RUSC	La Rusia	28.52 348	eP	P	04 11 57.9 +0.1
RUSC	La Rusia	28.52 348	eP	P	04 11 57.0 -0.8
GO09	Cerro Castillo	29.22 186	eP	P	04 12 01.5 -1.6
HELX	Santa Helena	29.37 343	eP	P	04 12 03.9 -1.3
HELX	Santa Helena	29.37 343	eP	P	04 12 03.2 -2.0
PTBC	PUERTO BERRIO,	29.48 346	eP	P	04 12 02.9 -3.1
EFLI	East Falkland	30.25 168	eP	P	04 12 12.3 +0.2
SDV	Santo Domingo	31.11 354	eP	P	04 12 18.9 -1.4
RCBR	Riachuelo	34.52 67	eP	P	04 12 49.2 -0.6
GRGR	Grenville	34.63 10	eP	P	04 12 51.3 +0.6
SVB	Belmont	35.81 10	eP	P	04 12 59.8 -0.9
MCLT	Moule a Chique	36.30 11	eP	P	04 13 05.4 +0.6
TRMF	Trois llets	37.09 10	eP	P	04 13 11.6 +0.1
ZAM	Aeronautique	37.13 10	eP	P	04 13 11.2 -0.6
WVM	Montagne Vaucif	37.13 10	eP	P	04 13 11.3 -0.6
FDV	Fort de France	37.26 10	eP	P	04 13 11.8 -1.2
FDF	Fort de France	37.26 10	eP	P	04 13 11.9 -1.1
PML	Morne Leonard	37.30 10	eP	P	04 13 13.2 -0.1
PCM	Palee Case Pet	37.34 10	eP	P	04 13 13.5 0.0
CXM	Morne La Croix	37.34 10	eP	P	04 13 14.2 +0.4
BAMF	Morne Balai	37.34 10	eP	P	04 13 13.6 -0.1
GDHS	Morne Mazeau,	38.68 9	eP	P	04 13 24.7 -0.2
ANWB	Willy Bob	40.05 8	eP	P	04 13 34.2 -2.0
SJG	San Juan	40.13 2	eP	P	04 13 34.8 -2.0
MTP	Monte Pirata	40.14 3	eP	P	04 13 35.6 -1.3
HUMP	Col San Antoni	40.18 2	eP	P	04 13 35.7 -1.4
MPRT	Mayaguez	40.22 0	eP	P	04 13 35.4 -2.1
SMRT	St. Maarten	40.28 6	eP	P	04 13 36.2 -1.9
CBYP	Canovanas	40.30 2	eP	P	04 13 35.8 -2.5
STVI	St. Vincent	40.43 4	eP	P	04 13 37.5 -1.7
TGUH	Tegucigalpa,Un	41.01 330	eP	P	04 13 44.5 +0.4
ZAIG	Zacatecas	56.35 320	eP	P	04 15 42.8 +1.4
Z47A	Carrollton	58.56 340	P	P	04 15 56.7 +0.0
Z48A	Northport	58.56 340	P	P	04 15 56.4 +0.1
KMSC	Kings Mountain	58.59 347	P	P	04 15 56.3 -0.1
VNA3	Neumayer Olymp	58.92 161	P	P	04 15 58.9 +0.7
Y48A	Jasper	58.94 341	P	P	04 15 59.1 +0.2
833A	Chaparral WMA,	59.01 327	P	P	04 15 59.1 -0.4
Y47A	UCPARC, Winfie	59.14 340	P	P	04 16 00.4 +0.1
X49A	Woodville	59.25 342	P	P	04 16 01.1 +0.1
X48A	Hartselle	59.41 341	P	P	04 16 01.8 -0.3
VNA2	Neumayer-Watz	59.48 161	P	P	04 16 03.3 +1.1
Y45A	Yeager Farm, C	59.66 339	P	P	04 16 03.8 0.0
X47A	Russelville	59.72 340	P	P	04 16 04.1 -0.1
OXF	Oxford	60.21 339	P	P	04 16 07.7 +0.2
Z37A	Washetta, Mont	60.41 332	P	P	04 16 09.5 +0.5
V48A	Smith Brothers	60.54 342	P	P	04 16 09.5 -0.3
Y41A	Egglette Beard	60.77 336	P	P	04 16 12.1 +0.8
JCT	Junction City	60.98 328	eP	P	04 16 13.0 +0.1
JCT	Junction City	60.98 328	eP	P	04 16 13.4 +0.5
SNA4	Sanae	61.11 161	eP	P	04 16 14.2 +0.9
SNA4	Sanae	61.11 161	eP	P	04 16 14.0 +0.7
WVT	Waverly	61.20 341	P	P	04 16 13.9 -0.3
WVT	Waverly	61.20 341	eP	P	04 16 13.9 -0.3
U47A	Clarksville	61.33 342	P	P	04 16 15.2 +0.2
Y39A	Lockesburg	61.39 335	P	P	04 16 15.8 +0.3
MIAR	Mount Ida	61.72 336	P	P	04 16 17.7 0.0
T47A	Sharon Grove	61.79 342	P	P	04 16 18.2 +0.1
W41B	Gary Mavity, V	61.79 337	P	P	04 16 18.2 +0.1
X39A	Fountain Ranch	61.90 335	P	P	04 16 19.8 +0.8
Y37A	Hugo	62.04 334	P	P	04 16 20.9 +1.0
LTX	Lajitas	62.05 324	eP	P	04 16 20.4 +0.2
TX31	Lajitas Ar. Si	62.05 324	eP	P	04 16 20.4 +0.2
TXAR	Lajitas Arroyo	62.05 324	eP	P	04 16 20.4 +0.2
T46A	Princeton	62.06 342	P	P	04 16 20.9 +0.9
W39A	Magazine	62.38 336	P	P	04 16 22.3 +0.2
X37A	Clayton	62.47 334	P	P	04 16 23.1 +0.4
W38A	Poteau	62.55 335	P	P	04 16 23.7 +0.4
Y35A	Marietta	62.58 332	P	P	04 16 24.0 +0.5
R47A	Wooly Knot Far	62.85 343	P	P	04 16 26.1 +1.0
X36A	Centrahoma	62.85 333	P	P	04 16 25.2 -0.1
Y39A	Pettigrew	62.90 336	P	P	04 16 25.3 -0.3
X35A	Drake	62.97 333	P	P	04 16 25.7 -0.3
S44A	Carbondale	63.08 341	P	P	04 16 26.8 +0.2
V38A	Canehill	63.20 336	P	P	04 16 27.5 -0.1
S43A	Fulton Ridge,	63.22 340	P	P	04 16 27.3 -0.3
W36A	Wetumka	63.29 334	P	P	04 16 27.4 -0.8
T41A	Mountain View	63.30 338	P	P	04 16 26.8 -1.4
U39A	Green Forest	63.32 337	P	P	04 16 27.6 -0.7
N59A	State Game Lan	63.33 353	P	P	04 16 28.0 -0.3
R45A	Skyilar, Fairif	63.34 342	P	P	04 16 28.0 -0.3
V37A	Hulbert	63.51 335	P	P	04 16 29.4 -0.1
V36A	Jenks	63.74 334	P	P	04 16 30.8 -0.2
Q45A	Warren Harvey,	63.86 342	P	P	04 16 31.6 -0.2
U37A	Salina	63.95 335	P	P	04 16 32.6 +0.1
CCM	Cathedral Cave	64.04 339	P	P	04 16 32.8 -0.2
CCM	Cathedral Cave	64.04 339	eP	P	04 16 32.7 -0.2
S40A	Lebanon	64.05 338	P	P	04 16 32.8 -0.2
R35A	Meyer Ranch, C	64.06 334	P	P	04 16 32.8 -0.5
V42A	Luebbering	64.10 340	P	P	04 16 33.2 -0.2
Q44A	Meyer Farm, Va	64.12 341	P	P	04 16 32.9 -0.5

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T38A	Diamond	64.19 336	P	P	04 16 33.7 -0.3
R41A	Rosebud	64.30 339	P	P	04 16 34.8 +0.1
Q43A	New Douglas	64.36 341	P	P	04 16 35.5 +0.5
S39A	Bolivar	64.42 337	P	P	04 16 35.4 0.0
T37A	Cheneyville 18	64.51 336	P	P	04 16 36.1 0.0
U35A	Pawnee	64.56 334	P	P	04 16 36.3 -0.1
S38A	Stockton	64.58 337	P	P	04 16 36.2 -0.3
R40A	Maddies Statio	64.59 339	P	P	04 16 36.6 0.0
MNTX	Cornudas Mount	64.82 325	P	P	04 16 38.4 +0.2
MNTX	Cornudas Mount	64.82 325	eP	P	04 16 37.8 -0.4
T36A	Boggs Farm,	64.82 335	P	P	04 16 38.1 0.0
T35A	Sooner Cattle	64.95 335	P	P	04 16 39.2 +0.3
S37A	Fort Scott	65.03 336	P	P	04 16 39.4 -0.1
MSTX	Muleshoe	65.27 328	P	P	04 16 41.0 -0.2
MSTX	Muleshoe	65.27 328	eP	P	04 16 41.5 +0.3
S36A	Lake Cedric, C	65.29 336	P	P	04 16 41.1 0.0
S35A	Otter Creek Ra	65.53 335	P	P	04 16 42.5 -0.2
P40A	Paris	65.64 339	P	P	04 16 43.2 -0.1
Q38A	Cooks Store, C	65.66 338	P	P	04 16 43.3 -0.1
R36A	Gordon, Harris	65.78 336	P	P	04 16 44.1 -0.2
Q37A	Lowview Farm,	65.88 337	P	P	04 16 44.9 +0.1
N43A	Stutzman Famil	66.05 342	P	P	04 16 46.4 +0.5
O40A	La Belle	66.12 340	P	P	04 16 46.7 +0.4
319A	Douglas	66.74 322	eP	P	04 16 52.4 +1.7
121A	Cookes Peak, D	66.76 323	eP	P	04 16 44.3 -6.5
LIC	Lamto	67.26 73	eP	P	04 16 52.9 -1.2
BNM	Barren Site	67.37 325	eP	P	04 16 56.2 +1.5
TIC	Toumouli	67.45 72	eP	P	04 16 54.4 -1.0
LPIM	Los Pinos Moun	67.50 325	eP	P	04 16 57.0 +1.6
KIC	Kosan Boka	67.57 73	eP	P	04 16 54.6 -1.5
DBIC	Dimbokro	67.61 72	P	P	04 16 55.7 -0.6
DBIC	Dimbokro	67.61 72	eP	P	04 16 56.2 -0.2
M38A	Pleasantville	67.72 339	P	P	04 16 56.1 -0.3
LAZ	Ladron	67.84 325	eP	P	04 16 58.1 +0.6
CBKS	Cedar Bluff	67.89 333	P	P	04 16 58.1 +0.5
CBKS	Cedar Bluff	67.89 333	eP	P	04 16 58.6 +1.0
ANMO	Albuquerque	67.90 326	P	P	04 16 58.9 +0.9
ANMO	Albuquerque	67.90 326	eP	P	04 16 59.2 +1.2
QSPA	South Pole Qui	67.94 180	eP	P	04 16 59.0 +1.3
M37A	Trindle Farm,	67.99 339	P	P	04 16 58.3 +0.2
TUC	Tucson	68.30 321	P	P	04 17 00.9 +0.6
TUC	Tucson	68.30 321	eP	P	04 17 02.0 +1.6
N34A	Lincoln	68.35 337	P	P	04 17 00.0 -0.4
K39A	Olwein	68.47 341	P	P	04 16 60.0 -1.1
T25A	Trinidad	68.61 329	P	P	04 17 02.3 -0.1
MHTCO	State Highway	68.73 329	eP	P	04 17 04.7 +1.6
J39A	Decorah	68.99 341	P	P	04 17 04.4 +0.2
K37A	Belmond	69.08 340	P	P	04 17 04.7 -0.1
L35A	Bielow Farm, R	69.13 338	P	P	04 17 05.4 -0.2
214A	Organ Pipe Nat	69.24 320	P	P	04 17 06.8 +0.7
K3CO	Kaye Shedlock	69.30 331	P	P	04 17 06.6 +0.1
BGNE	Belgrade	69.47 336	P	P	04 17 07.4 +0.1
SDCO	Great Sand Dun	69.61 329	P	P	04 17 09.7 +1.1
SDCO	Great Sand Dun	69.61 329	eP	P	04 17 09.9 +1.3
W18A	Petried Ford	69.77 324	P	P	04 17 10.0 +0.5
I37A	Lemond, Waseca	70.12 340	P	P	04 17 11.6 +0.4
X16A	Lo La Camp, P	70.20 322	eP	P	04 17 13.9 +1.8
S22A	4UR Ranch, Cre	70.26 328	P	P	04 17 12.9 +0.3
S22A	4UR Ranch, Cre	70.26 328	eP	P	04 17 14.0 +1.4
Q24A	Divide	70.41 330	P	P	04 17 14.6 +1.2
Q24A	Divide	70.41 330	eP	P	04 17 14.9 +1.5
Q24A	Ogallala	70.46 333	P	P	04 17 15.1 +0.7
MVCO	Mesa Verde	70.69 326	P	P	04 17 16.4 +1.3
MVCO	Mesa Verde	70.69 326	eP	P	04 17 16.5 +1.3
Y14A	Wickenburg	70.76 321	eP	P	04 17 16.9 +1.6
WU4Z	Wupatki	70.97 323	P	P	04 17 18.5 +1.8
WU4Z	Wupatki	70.97 323	eP	P	04 17 18.5 +1.8
J32A	Parkston	71.05 337	P	P	04 17 16.6 -0.3
H35A	Sunnyside Ranc	71.19 340	P	P	04 17 17.5 -0.1
ISCO	Idaho Springs	71.30 330	P	P	04 17 19.5 +0.7
ISCO	Idaho Springs	71.30 330	eP	P	04 17 20.0 +1.2
E40A	Wakefield	71.35 344	P	P	04 17 19.2 +0.6
PV01	Paradox Valley	71.44 327	eP	P	04 17 21.4 +1.8
SMCO	Snowmass	71.45 329	eP	P	04 17 21.6 +1.7
E39A	Mellen	71.46 343	P	P	04 17 20.0 +0.8
Y12C	Blythe	71.52 320	P	P	04 17 21.5 +1.6
IKP	In-Ko-Pah, Jac	71.73 318	P	P	04 17 22.1 +0.8
SWSC	Sam W. Stewart	71.74 319	P	P	04 17 22.1 +0.9
H33A	Prehn Over Nor				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLID Hailey, PAHR Pat Rah Range, MCMT McKenzie Canyo, etc.

WEL 10 04:13:2.4, 44'S:27.13'E, h15km2km, ML3,6/2.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

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

Table with columns: AFI Afiamalu, CTA Charters Tower, COEN Coen, etc. Includes station codes and coordinates.

ISCJB 10 04:21:50.1-0.5, 6.84N:0.03:73.07W:0.04, h153km2, 4km, mb3.6/9, Error ellipse: s-maj=7.0km s-min=4.7km az=30.7

RSNC 10 04:21:52.1-0.7, 6.80N:73.08W, h148km, 4km, ML3.4

IDC 10 04:21:53.1-6.6, 7.04N:73.00W, h166km, 5.2km, mb3.4/3, mb1.3/5, mb1mx3.1/30, mbtmp3.9/5, Error ellipse: s-maj=71.0km s-min=69.8km az=15.0

ISC 10 04:21:50.8-0.9, 6.83N:0.04:73.07W:0.04, h153km2, 6km, n23, 0.955/40, msb3.8/10, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC Barichara, MTN Manton Dam, etc.

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

ISCJB 10 04:50:10.5-0.6, 18.0'S:0.2:178.0W:0.2, h590km, mb3.6/9, Error ellipse: s-maj=23.4km s-min=17.3km az=40.9

IDC 10 04:50:15.4-6.3, 17.93'S:178.01W, h632km, 7.7km, mb3.2/9, mb1.3/5.9, mb1mx3.2/32, mbtmp4.1/9, Error ellipse: s-maj=22.3km s-min=17.0km az=17.0

ISC 10 04:50:14.0-8.8, 18.0'S:0.2:177.9W:0.2, h590km, n15, 0.872/15, mb3.7/9, Fiji Islands region

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

WRA Warramunga Arr 45.09 260 P 0.1nm, 0.5s, baz=95, slow=7.1, SNR=40

ASAR Alice Springs 45.22 254 P 2.6nm, 0.6s, baz=90, slow=7.7, SNR=30

MJAR Matsushiro Arr 68.28 323 P 0.8nm, 0.3s, baz=152, slow=5.9, SNR=9

PETK Petropavlovsk 73.91 345 P 9.5nm, 0.9s, baz=114, slow=8.2, SNR=5.2

WRA Warramunga Arr 45.09 260 P 0.1nm, 0.5s, baz=95, slow=7.1, SNR=40

TXAR Lajitas Array 85.65 57 P 0.7nm, 0.7s, baz=226, slow=8.4, SNR=5.5

ILAR Eielson Array 85.89 13 P 0.7nm, 0.4s, baz=219, slow=4.9, SNR=22

PDAR Pinedale Array 87.10 43 P 0.4nm, 0.7s, baz=253, slow=1.5, SNR=3.9

SNAW Sanae 90.47 178 P 0.2nm, 0.6s, baz=242, slow=6.7, SNR=8.2

VNA2 Neumayer Olymp 90.60 176 P 0.2nm, 0.5s, baz=174, slow=7.1, SNR=10.8

VNA3 Neumayer-Watz 91.04 177 P 0.2nm, 0.6s, baz=242, slow=6.7, SNR=8.2

YKA Yellowknife Ar 94.23 25 P 0.2nm, 0.6s, baz=242, slow=6.7, SNR=8.2

BRTR Keskin Array B 145.20 315 PKPbc PKPbc 05 08 44.0 -0.3

GERES GERES Array B 147.84 346 PKPbc PKPbc 05 08 49.9 -1.1

TORD Torodi Ar. Bea 175.14 175 PKPbc PKPbc 05 05 55.0 -1.0

TORD Torodi Ar. Sit 165.31 239 ePKPdf PKPdf 05 02 35.4 +0.9

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

IDC 10 04:54:19.7-0.6, 9.04'S:123.64E, h0km, mb4.2/9, Yellowknife Ar 94.23 25 P 0.2nm, 0.6s, baz=242, slow=6.7, SNR=8.2

ISCJB 10 04:54:28.5-0.3, 9.32'S:0.04:123.81E:0.04, h100km, mb4.3/12, Error ellipse: s-maj=7.0km s-min=3.9km az=138.5

NEIC 10 04:54:30.3-0.8, 9.13'S:123.72E, h89km, 7km, mb4.3/6, Error ellipse: s-maj=17.2km s-min=6.9km az=56.0

DJA 10 04:54:31.4-0.4, 9.14'S:124.4E, h62km, 9km, M4, 7/12, mb4.8/8, mb5.2/5, MLV4, 7/12, Mw(mB)4.7/5

ISC 10 04:54:30.9-0.5, 9.26'S:0.06:123.74E:0.05, h100km, n60, 0.280/64, mb4.2/12, Timor region

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

SOEI Soe 0.71 134 P 0.1nm, 0.5s, baz=95, slow=7.1, SNR=40

SOEI Soe 0.71 134 ePn Pn 04 54 48.6 -0.2

SOEI Soe 0.71 134 ePn Pn 04 54 48.6 -0.2

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

MMRI Maumere 1.61 293 ePn Pn 04 54 57.5 -1.1

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. Includes stations like NBNS Bani Suef, SUZ Suez, RSH RSH, AMAZ Amataz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGHG Ghaleghazi, IVIS Veis, ILIN Lien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGHG Ghaleghazi, IVIS Veis, ILIN Lien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGHG Ghaleghazi, IVIS Veis, ILIN Lien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGHG Ghaleghazi, IVIS Veis, ILIN Lien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGHG Ghaleghazi, IVIS Veis, ILIN Lien, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MCAD Moucha, OBO Obock, ATD Arta Tunnel, etc.

ISK 10 07:09:54.1, 38.70N:43.42E, h16km, ML2.6
ISCJB 10 07:09:56.0, 0.5, 38.72N:0.02:43.51E:0.05, h5km, 4km,
Error ellipse: s-maj=7.0km s-min=3.4km az=11.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VAN Van, TVAN Van, VMUR Van-Muradiye, etc.

ISCJB 10 07:13:43.4, 1.2, 20.6S:0.6:178.6W:0.4, h579km, mb3.4/7,
Error ellipse: s-maj=9.7km s-min=16.9km az=152.0

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

ISCJB 10 07:36:42.0, 1.3, 37.21N:0.04:141.63E:0.06, h8km, 6km,
mb3.5/4, Error ellipse: s-maj=3.4km s-min=6.2km az=16.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JM Marumori, etc.

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

ISCJB 10 07:41:06.0, 0.2, 24.58N:0.02:122.77E:0.01,
h100km, 2km, mb3.6/10, Error ellipse: s-maj=3.7km,
s-min=1.9km az=166.7

ISC 10 07:41:06.6, 0.7, 24.54N:0.04:122.77E:0.02, h94km, 5km,
n116, s1814/178, mb3.7/11, 31C-2D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, EOI EOI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, VRI Vrincoiaia, PLOH Plostina, etc.

IDA 10 08:35:04.2, 0.8, 29.97N, 142.35E, h0km, mb3.5/8, mb1 3.8/10, mb1mx3.6/50, mbtmp3.5/10, ML3.3/2, Error ellipse: s-maj=27.2km s-min=18.3km az=82.0

JMA 10 08:35:06.6, 0.1, 29.97N, 142.28E, h50km, M3.9, ISCJB 10 08:35:07.3, 0.5, 29.98N, 142.14E, 0.1, h35km, mb3.5/8, Error ellipse: s-maj=16.7km s-min=4.5km az=164.6

ISC 10 08:55:09.3, 0.7, 29.936N, 0.06E, 142.2E, 0.1, h35km, n21, n1508/27, mb3.5/8, Southeast of Henshu

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

JMA 10 08:38:31.7, 0.2, 24.76N, 121.80E, h81km, 2km, M2.5, ISCJB 10 08:38:32.3, 0.5, 24.84N, 121.86E, 0.02, h78km, 4km, Error ellipse: s-maj=5.0km s-min=3.3km az=152.6

TAP 10 08:38:32.4, 24.85N, 121.84E, h77km, ML3.7, A, ISC 10 08:38:32.7, 1.5, 24.84N, 121.86E, 0.03, h77km, 7km, n46, n056/83, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NTC Toucheng, EGS Ilan, TIPB Shuangxi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YM03 baz=320, TWS1 Kuangyinshan, NTST Danshui, etc.

CSEM 10 08:47:55.5, 0.3, 67.80N, 20.16E, h2km, ML2.0, Error ellipse: s-maj=6.3km s-min=5.4km az=76.0, Mining explosion.

UPP 10 08:47:56.2, 67.85N, 20.10E, h0km, ML2.0, Suspected Mining explosion.

HEL 10 08:47:56.3, 0.1, 67.82N, 20.15E, h0km, ML1.7, ML2.0(UPP), Explosion, Sweden

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

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

NEIC 10 09:15:34.0, 0.0, 16.08N, 94.35W, h78km, MD4.0(MEX), After MEX. MEX 10 09:15:34.0, 0.5, 16.08N, 94.35W, h78km, 10km, MD4.0, Oaxaca

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

NNC 10 09:20:27.3, 3.4, 53.33N, 90.21E, h10km, 16km, mb3.7, mp3.5, 6C-4D, Error ellipse: s-maj=20.2km s-min=17.8km az=131.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO, KURK Kurchatov, etc.

ISCJB 10 09:21:00.4, 0.8, 34.73S, 0.04E, 71.95W, 0.08, h51km, 6km, mb3.7/2, Error ellipse: s-maj=11.2km s-min=6.6km az=17.0

GUC 10 09:21:01.0, 0.6, 34.70S, 71.82W, h46km, 3km, ML3.4, IDC 10 09:21:04.3, 4.0, 34.63S, 71.14W, h48km, 62km, mb3.4/2, mb 3.4/4, mb1mx3.3/20, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=215.5km s-min=32.8km az=91.0

ISC 10 09:21:01.0, 1.2, 34.79S, 0.06E, 71.90W, 0.08, h45km, 11km, n15, n207/24, 7C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G005 Hualaeo, CHPI Pichilemu, NICH Los Niches, etc.

JMA 10 09:34:23.5, 0.3, 23.97N, 121.62E, h0km, ISCJB 10 09:34:24.7, 0.4, 23.98N, 121.65E, 0.02, h2km, 3km, Error ellipse: s-maj=4.2km s-min=2.3km az=31.2

TAP 10 09:34:24.4, 23.99N, 121.60E, h8km, ML3.4, B, ISC 10 09:34:24.6, 0.8, 23.98N, 121.62E, 0.03, h11km, 4km, n49, n077/70, 2C-8D, Taiwan

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

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like KLBK Kellerberrin, EDFI Ende, Flores, BLU Balidu, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like GMR Granite Mounta, IRM Iron Mountain, YERR Yerrinton, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other technical details. Includes stations like E08A Dider Farm, DUG Dugway, DUG Dugway, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BRVK Borovoye, KBL Kabul, ARU Arti, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JFT Otama, JFT Yasato, JST Shioha, etc.

SJA 10 13:15:18.8:0.5,24:02S:66:86W,h219km,7km,ML3.0, MW3.8

ISCJB 10 13:15:19.8:1.3,24:06S:0:10:67:0W:0.1,h200km, mb3.1/2, Error ellipse: s-maj=20.1km s-min=11.7km

IDC 10 13:15:30.1:9.7,23:07S:66:15W,h244km,66km,mb3.1/2, mb1 3.3/3, mb1mx3.0/28, mbtmpp3.6/3, Error ellipse: s-maj=115.5km s-min=48.2km az=28.0

ISC 10 13:15:20.4:1.4,23:39S:0:1:66:9W:0.1,h200km,n9, e180:12,Jujuy Province

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

NIED 10 13:15:00,36:80N:141:30E,h8km,Mw4.1 Best double

ISCJB 10 13:15:33.0:2.0,36:85N:0:03:141:30E:0:05,h25km,5km, mb4.1/2,MS3.4/1, Error ellipse: s-maj=7.7km s-min=4.9km az=21.9

NEIC 10 13:15:34.3:0.3,36:91N:141:21E,h21km,21km,mb4.5/3, Error ellipse: s-maj=12.9km s-min=9.5km az=128.0

NEIC Recorded [2 JMA] in Fukushima. JMA 10 13:15:34.2:0.1,36:85N:141:21E,h37km,1km,M4.2

IDC 10 13:15:35.7:0.5,36:83N:141:13E,h25km,2km,mb3.9/18, mb1 4.0/20, mb1mx3.6/62, mbtmpp4.0/20,ML3.6/2,MS3.2/4, Mb1 3.7/4,ms1mx3.0/49, Error ellipse: s-maj=14.2km s-min=12.0km az=70.0

ISC 10 13:15:35.2:0.5,36:86N:0:04:141:23E:0:05,h23km,3km, h23km:pp-P,n60,e180:77,mb4.3/21,Near east coast of eastern Honshu

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

IDC 10 13:19:00.3:0.9,17:36S:172:67W,h0km,mb3.9/6, mb1 4.2/6, mb1mx3.9/31, mbtmpp3.9/31,MS3.8/2,ms1 3.8/2, ms1mx3.1/34, Error ellipse: s-maj=41.9km s-min=21.9km az=140.0

ISC 10 13:19:04.0:0.9,17:45S:0:2:172:7W:0:3,h21km,n18, e126:9/3,mb3.8/7,Tonga Islands region

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, H11S2E WAKE ISLAND, H11S3 WAKE ISLAND, etc.

ISCJB 10 13:22:58.6,0.4, 45.25N,0.02,18.21E,0.02,h1km,3km, Error ellipse: s-maj=3.6km s-min=2.3km az=35.0 CSEM 10 13:22:59.4,0.1, 45.25N,18.23E,h2km,ML2.9/4, Error ellipse: s-maj=3.3km s-min=2.1km az=36.0

PRU 10 13:23:00.3, 45.24N,18.18E,h5km BEO 10 13:23:00.5,0.3, 45.23N,18.18E,h8km,2km,ML2.7/2 ISC 10 13:22:59.8,1.1, 45.23N,0.02,18.20E,0.1,h7km,9km,n94, n87, n95,136,18C-3D, Northwest-Tern Balkan Peninsula

Main table of station data for the left column, including stations like DOB Doboj, BLY Banja Luka, MRKAK Mrakovica, etc.

Table of station data for the middle column, including stations like DRME, CONA, ZAGS, VYHS, etc.

UCR 10 13:41:42.8,2.1, 4.29N,82.81W,h1km,57km,MD4.3, mb4.5/NEIC, IDC 10 13:41:42.6,0.8, 4.17N,82.63W,h0km,mb4.0/14, mb1.4/2.6,mb1mx4.2/34,mbtmp4.1/16,ML2.92,MS3.8/11, Ms1.3/8/11,ms1mx3.6/30, Error ellipse: s-maj=29.1km s-min=14.6km az=45.0

ISCJB 10 13:41:43.0,0.3, 4.25N,82.54W,0.03,h14km, mb4.3/40,MS3.8/8, Error ellipse: s-maj=6.1km s-min=3.2km az=135.3

NEIC 10 13:41:44.5,0.3, 4.23N,82.62W,h10km,mb4.5/26, Error ellipse: s-maj=8.6km s-min=4.8km az=38.0

RSNC 10 13:41:45.0,0.4, 4.10N,82.41W,h0km,14km,ML4.1, ISC 10 13:41:44.9,0.5, 4.20N,0.06,82.55W,0.06,h14km,n94, n154,n93,mb4.5/40,MS3.7/8, 2C, South of Panama

Main table of station data for the middle column, including stations like MAPC Malpeolo, TBS2, BRUZ, etc.

Main table of station data for the right column, including stations like ECSD, O20A, SRU, RSSD, etc.

ISCJB 10 13:56:10.0,0.4, 48.77N,0.05,155.09E,0.09,h36km, mb3.7/17,MS3.2/1, Error ellipse: s-maj=11.1km s-min=4.5km az=42.3

SKHL 10 13:56:10.4, 1.1, 48.85N,155.27E,h45km,4km,mb4.8/7, MOS 10 13:56:10.4, 0.4, 48.75N,155.04E,h49km,mb4.3/7, Error ellipse: s-maj=13.2km s-min=4.0km az=68.2

KRSC 10 13:56:11.6,2.1, 48.73N,156.44E,h29km,33km,ML4.8, IDC 10 13:56:11.8,0.8, 48.91N,154.37E,h50km,6km,mb3.4/15, mb1.3/6/16,mb1mx3.5/33,mbtmp4.3/7/16,MS2.7/2, Ms1.2/7.2,ms1mx2.6/32, Error ellipse: s-maj=19.2km s-min=14.0km az=136.0

ISC 10 13:56:11.0,0.6, 48.68N,0.07,155.29E,0.07,h36km,n109, n2911/127,mb3.8/17,1C-1D,Kuril Islands

Main table of station data for the right column, including stations like SKR Severo-Kuril's, SKR, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like CMAR, ARCES, PDAR, FINES, etc.

NNC 10 13:57:33.9; 1.1, 42.76N; 0.76E, h2km; 13km, mb3.0, mpv2.8, Error ellipse: s-maj=24.8km s-min=2.1km az=167.0

ISCJB 10 13:57:34.8; 0.4, 42.81N; 0.02; 76.03E; 0.02; h7km; 3km, Error ellipse: s-maj=3.2km s-min=2.1km az=154.8

SOME 10 13:57:34.7; 42.80N; 70.0E; h15km, KRNET 10 13:57:35.0; 1.1, 42.78N; 75.99E; h22km, mb2.8

ISC 10 13:57:34.7; 0.9, 42.80N; 0.02; 76.03E; 0.02; h14km; 7km, n47, 080/87, 43C-12D, Lake Issyk-Kul region

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like KST, BOOM, TKM2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like NRN, NRN, EKSS, etc.

ISCJB 10 14:07:31.8; 0.8, 48.70N; 0.09; 155.4E; 0.2, h36km, mb3.2/3, Error ellipse: s-maj=20.8km s-min=5.0km az=34.3

SKHL 10 14:07:31.6; 0.9, 48.62N; 155.56E; h46km; 4km, mb3.8/1, MOS 10 14:07:31.2; 0.8, 48.56N; 155.46E; h44km, mb4.2/1, Error ellipse: s-maj=34.9km s-min=6.0km az=74.9

KRSC 10 14:07:32.8; 1.4, 48.87N; 156.21E; h8km; 26km, ML4.2, IDC 10 14:07:33.5; 3.3, 48.50N; 155.62E; h46km; 34km, mb3.0/3, mb1.3/5, mb1mx3.1/58, mbtmp3.5/5, ML3.5/2, Error ellipse: s-maj=43.6km s-min=32.3km az=105.0

ISC 10 14:07:33.1; 1.2, 48.77N; 0.1; 155.5E; 0.1, h36km, n44, 0151/149, mb3.3/3, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like SKR, SKR, SKR, etc.

ISCJB 10 14:17:21.5; 0.5, 58.33N; 0.03; 151.5E; 0.06, h0km, Error ellipse: s-maj=5.0km s-min=3.9km az=161.5

UPP 10 14:17:22.6; 58.32N; 151.50E; h0km, ML2.8, Mining explosion, CSEM 10 14:17:22.2; 0.1, 58.33N; 151.51E; h2km, ML2.8, Error ellipse: s-maj=2.0km s-min=1.6km az=79.0, Mining

s-maj=19.6km s-min=8.0km az=24.0
ISC 10 14:17:21.8,0.8,58.34N,0.003:15.49E,0.03,h0km,n28,
c070/38,Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like EKSU, EKSJ, EKSJ, etc.

ISK 10 14:28:42.0,38.80N,26.76E,h5km,ML2.9
DDA 10 14:28:42.5,38.82N,26.74E,h7km,ML2.8
ATH 10 14:28:42.5,38.81N,26.76E,h2km,8km,ML2.4/3,Error
ellipse: s-maj=8.8km s-min=1.0km az=269.0
CSEM 10 14:28:43.1,0.1,38.80N,26.75E,h8km,ML2.9,Error
ellipse: s-maj=4.3km s-min=2.4km az=100.0
ISC 10 14:28:42.7,0.3,38.81N,0.02:26.77E,0.02,h9km,6km,
n62,c071/92,Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like FOCM, FOCM, FOCM, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like KCTX, Karacabey (Bur), Karacabey (Bur), etc.

TAP 10 14:34:41.2,23.87N,121.95E,h26km,ML2.1,D,Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ENLB, Shoufeng, ENLB, etc.

JMA 10 14:40:53.5,36.42N,138.06E,h10km,1km,MO,9,1D,
Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like JNG, Nsakai, JNG, etc.

ISCJB 10 14:57:03.8,0.4,41.14N,0.03:35.92E,0.04,h0km,Error
ellipse: s-maj=5.2km s-min=2.8km az=38.5

CSEM 10 14:57:03.7,0.2,41.39N,35.92E,h1km,ML2.8,Error
ellipse: s-maj=6.2km s-min=3.3km az=38.0, Suspected
Mining explosion.

DDA 10 14:57:03.5,41.40N,35.88E,h7km,ML2.8,Suspected
Mining explosion.

ISC 10 14:57:03.0,0.1,41.42N,35.96E,h6km,ML2.6

ISC 10 14:57:03.9,0.8,41.36N,0.03:35.86E,0.02,h0km,n30,
c097/47,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like SAMS, Samsun-Alacam, SAMS, etc.

ISC 10 15:08:00.6,0.8,21.32S,174.29W,h0km,mb4.3/14,
mb1.4/14,mb1mx4.2/40,mbtmp4.3/14,MS3.6/6,
Ms1.3/6,ms1mx3.2/37,Error ellipse: s-maj=36.3km
s-min=16.8km az=156.0

ISCJB 10 15:08:03.7,1.0,21.45S,0.3:174.3W,0.2,h30km,mb4.3/17,
MS4.0/6,Error ellipse: s-maj=44.6km s-min=11.0km
az=155.5

NEIC 10 15:08:05.7,0.8,21.45S,174.21W,h35km,mb4.4/2,Error
ellipse: s-maj=37.8km s-min=10.4km az=156.0

ISC 10 15:08:05.8,0.8,21.35S,0.2:174.3W,0.1,h30km,n36,
c1949/30,mb4.4/17,MS3.7/6,Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like AFI, Afiamalu, AFI, etc.

PGC 10 15:18:38.2,2.0,50.30N,130.19W,h10km,MLSn2.9/8,
Mn3.5/5,201km west of Pt. Hardy, Bc Vancouver Island,
Canada Region

ISC 10 15:18:45.2,1.9,50.61N,129.48W,h0km,mb3.4/1,
mb1.3/6,mb1mx3.3/38,mbtmp3.3/4,ML2.7/3,MS3.0/1,
Ms1.3/0.1,ms1mx2.4/34,Error ellipse: s-maj=31.5km
s-min=12.8km az=104.0

ISC 10 15:18:41.5,2.6,50.38N,0.08:129.66W,0.09,h3km,14km,
n16,c208/19,Vancouver Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like HOLB, Holberg, HOLB, etc.

JMA 10 15:36:19.1,0.1,35.46N,140.45E,h49km,1km,ML2.7,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like JCN, Nagara, JCN, etc.

NEIC 10 15:48:35.4,0.0,43.54S,172.84E,h10km,ML3.9(WEL),
After WEL.

NEIC Felt at Christchurch.
WEL 10 15:48:35.0,44.5,1.173E,111km,ML4.0/3,1C-1D,
South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like CRZL, Canterbury Las, CRZL, etc.

10d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KHZ Kahutara, RPZ Rata Peaks, INZ Incchbonnie, etc.

WEL 10 15:49:14.5, 44'S:1°17'3"E, h11km, 1km, ML3.6/4, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRNZ Canterbury Las, etc.

IDC 10 15:58:07.5, 3.7, 10°25'S:110°01'E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/36, mbtmp3.3/4, MS3.6/1, Ms1 3.6/1, ms1mx2.7/16, Error ellipse: s-maj=154.9km s-min=23.6km az=50.0

ISCJB 10 15:58:08.8, 0.9, 10°50'S:0°06'109.71E, 0°05, h33km, mb3.3/4, MS3.6/1, Error ellipse: s-maj=9.8km s-min=6.4km az=27.4

DJA 10 15:58:10.8, 0.8, 10°5'18"11°0E", h163km, 27km, M4.2/12, mb5.5/1, mb4.3/4, ML4.2/12, Mw(mb)4.9/1

ISC 10 15:58:10.5, 1.3, 10°55'S:0°1'109.71E, 0°06, h35km, n19, s1946/21, mb3.4/4, South of Java

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCJJI Pacitan, CMJJI Cimerak, PWJJI Pagerwojo, etc.

NEIC 10 16:07:22.1±0.0, 43°46'S:172°86'E, h7km, ML3.9(WEL), After WEL

NEIC Felt in Canterbury, WEL 10 16:07:21.5, 43°55'N:172°86'E, 0.9, h13km, ML3.8/4, 1C, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRNZ Canterbury Las, etc.

2012 JAN

Table with columns: MSZ Milford Sound, BLF Birch Farm, MFZ Mavora Lakes, etc.

IDC 10 16:11:17.1±2.1, 5°10'N:126°47'E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/39, mbtmp3.4/3, MS3.2/1, Ms1 3.4/1, ms1mx2.5/6, mb1mx2.3/16, Error ellipse: s-maj=165.5km s-min=26.0km az=66.0, Miranau

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

THR 10 16:14:01.7±0.4, 37°31'N:54°47'E, h14km, 6km, ML3.6

ISCJB 10 16:14:02.0, 3.7, 54°N:0°03'54"E, 0°03, h30km, Error ellipse: s-maj=5.1km s-min=2.8km az=27.9

CSEM 10 16:14:04.3±0.2, 37°50'N:54°61'E, h15km, ML3.8, Error ellipse: s-maj=6.0km s-min=3.5km az=13.0

TEH 10 16:14:05.5, 37°39'N:54°58'E, h18km, ML3.8, Error ellipse: s-maj=29.6km s-min=9.6km az=44.0

ISC 10 16:14:05.2, 8.3, 37°46'N:0°04'54"E, 0°03, h30km, n58, s1866/73, 11C-15D, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IMND Minoodasht, SHRO Shahrood, ISHM Shahmirzad, etc.

KRSC 10 16:43:36.4±1.6, 49°39'N:157°03'E, h21km, 33km, ML3.6, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, KDR Koudutka, etc.

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Table with columns: AB31 Akbulak array, AB31 Akbulak array, AKTO Aktyubinsk, AKTO Aktyubinsk

ISCJB 10 16:19:58.4±1.2, 17°8'S:0°5'178°3W, 0°2, h550km, mb4.3/4, Error ellipse: s-maj=68.3km s-min=16.1km az=156.5

IDC 10 16:19:59.3±2.0, 17°82'S:178°27'W, h549km, 22km, mb3.6/4, mb1 3.6/6, mb1mx3.1/34, mbtmp4.6/6, Error ellipse: s-maj=55.6km s-min=18.7km az=151.0

ISC 10 16:19:59.0±1.2, 17°85'S:0°5'178°2W, 0°2, h550km, n10, s0965/12, mb4.4/4, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Momi Dzumac, PMG Port Moresby, etc.

ISK 10 16:26:53.1, 38°77'N:43°32'E, h5km, MD2.5, ML2.3

ISCJB 10 16:26:55.7, 0.5, 38°73'N:0°04'43"39E, 0°06, h12km, 6km, Error ellipse: s-maj=9.0km s-min=4.3km az=35.9

CSEM 10 16:26:55.0, 0.2, 38°75'N:43°38'E, h5km, MD2.7, Error ellipse: s-maj=6.0km s-min=4.3km az=119.0

DDA 10 16:26:55.6, 38°72'N:43°39'E, h7km, MD2.7

ISC 10 16:26:55.5±1.0, 38°73'N:0°02'43"38E, 0°03, h19km, 2km, n18, s092/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, etc.

ISC 10 16:53:04.8±1.8, 6°7'S:104°81'E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/47, mbtmp3.8/6, Error ellipse: s-maj=106.4km s-min=21.1km az=46.0

DJA 10 16:53:08.3±1.2, 7°5'S:10°5E", h19km, 11km, M3.9/6, ML3.9/6

ISC 10 16:53:07.3±3.6, 6°34'S:108°104'SE, 0°06, h16km, 23km, n22, s099/25, mb3.9/6, Sunda Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SBJI Serang, KASI Kota Agung, BLSI Bandar Lampung, etc.

IDC 10 16:58:33.71.3, 10.92S; 165.51E, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.8/4.1, mbtmp3.9/9, ML5.1/1, MS3.4/5, Ms1 3.4/5, ms1mx3.2/2.4, Error ellipse: s-maj=53.5km s-min=20.4km az=143.0

ISCJBJ 10 16:58:37.2.0.8, 10.9S; 0.1; 165.35E; 0.08, h30km, mb3.7/7, MS3.4/2, Error ellipse: s-maj=19.7km s-min=11.3km az=2.0

ISC 10 16:58:38.6.1.0, 10.9S; 0.2; 165.43E; 0.09, h30km, n18, r103/12, mb3.7/7, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, etc.

NNC 10 17:01:29.5.3.8, 37.76N; 71.52E, h0km, mb3.6, mpv3.2, 3C-3D, Error ellipse: s-maj=28.5km s-min=24.3km az=174.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like SFK Sufi-Kurgan, MNAS Manas, AAK Ala-Archa, etc.

IDC 10 17:38:58.8.6.6, 34.32S; 177.72E, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.6/16, mbtmp3.5/2, Error ellipse: s-maj=291.0km s-min=64.7km az=165.0

ISCJBJ 10 17:39:09.8.0.5, 37.13S; 0.04; 177.80E; 0.06, h166km, 4km, mb3.2/2, Error ellipse: s-maj=6.2km s-min=6.2km az=167.7

WEL 10 17:39:09.9.37.S; 5.17.8E, h142km, 4km

NEIC 10 17:39:10.6.0.0, 36.88S; 177.82E, h130km, ML4.0(WEL), After WEL

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like MXZ Matakaoa Point, HAZ Te Kaha, PKGZ Pakihiroa, etc.

Large table with columns: LFRS, GRZ, MKZ, NMHZ, etc. Lists various stations and their coordinates and parameters.

IDC 10 17:47:51.5.1.8, 24.68S; 66.89W, h0km, mb3.6/1, mb1 3.6/1, mb1mx3.3/19, mbtmp3.6/1, Error ellipse: s-maj=226.2km s-min=64.4km az=144.0, Salta Province

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like ASAR Alice Springs, WRA Warramunga, etc.

IDC 10 18:02:00.5.3.1, 14.24N; 91.34W, h0km, mb4.0/7, mb1 4.3/9, mb1mx3.9/43, mbtmp4.0/9, ML4.4/2, MS3.2/1, Ms1 3.2/1, ms1mx2.7/39, Error ellipse: s-maj=62.7km s-min=42.7km az=9.0

ISCJBJ 10 18:02:08.7.0.6, 14.31N; 0.09; 91.89W; 0.05, h59km, 6km, mb4.2/26, MS3.0/1, Error ellipse: s-maj=15.9km s-min=4.0km az=25.8

NEIC 10 18:02:09.1.1.1, 14.28N; 91.79W, h53km, 7km, mb4.1/28, MD4.4(MEX), Error ellipse: s-maj=18.7km s-min=9.0km az=19.0

MEX 10 18:02:09.7.0.7, 14.15N; 92.02W, h43km, 87km, MD4.4, UCR 10 18:02:10.7.1.4, 14.21N; 91.78W, h82km, 33km, ML4.1, mb4.1(NEIC)

ISC 10 18:02:09.1.1.2, 14.22N; 0.1; 91.59S; 0.06, h62km, 12km, n84, r167/90, mb4.2/27, C, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like IXG Ixpaco, PCIG Pucallpa, etc.

Table with columns: LFRS, SNI, SMI, SAN, etc. Lists various stations and their coordinates and parameters.

DDA 10 18:04:25.0.38.84N; 43.63E, h7km, MD2.7, ISCJBJ 10 18:04:26.0.0.6, 38.85N; 0.03; 43.61E; 0.05, h11km, 4km, Error ellipse: s-maj=6.9km s-min=4.5km az=20.3

CSEM 10 18:04:25.0.2.38.86N; 43.63E, h8km, MD2.7, Error ellipse: s-maj=4.9km s-min=3.4km az=111.0

ISK 10 18:04:25.0.38.85N; 43.63E, h8km, MD2.8, ISC 10 18:04:25.6.0.9, 38.84N; 0.03; 43.61E; 0.03, h11km, 7km, n28, r058/41, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like VMUR Van-Muradiye, ERVY Ercis-Van, etc.

10d 18h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LASA Array, Lac du Bonnet, Ryan, etc.

2012 JAN

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LDF, LFF, RJF, MTLF, etc.

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Table with columns: Station Name, Frequency, Power, Phase ID, Time, and Res. Includes stations like KKN, DMN, GUN, PKIN, etc.

SIGU 10 18:25:44.5:0.9,46°N:1°26.4E:0.9, h150km, 1km, mb3.0/9
ISCJB 10 18:25:44.6:0.1, 45.53N:0°01:26.33E:0.02, h146km, 1km, mb4.1/30, Error ellipse: s-maj=2.3km s-min=2.1km az=9.2
MOS 10 18:25:44.6:0.9, 45.52N:26.43E, h144km, mb4.5/8, Error ellipse: s-maj=5.0km s-min=4.0km az=117.5
MOS Felt (III-V) at Kishinev.
IDC 10 18:25:46.0:0.4, 45.51N:26°15'E, h138km, 3km, mb3.4/12, mb1.3/19, mb1mx3.4/0, mbtmp3.8/19, Error ellipse: s-maj=13.4km s-min=8.8km az=164.0
CSEM 10 18:25:45.4:0.1, 45.52N:26°31'E, h140km, mb4.2/17, Error ellipse: s-maj=2.5km s-min=2.1km az=3.0
BUC 10 18:25:45.3:0.5, 45.50N:26°29'E, h143km, 5km, MD4.6/8, Error ellipse: s-maj=3.0km s-min=3.2km az=34.0
NEIC 10 18:25:46.0:0.0, 45.50N:26°29'E, h140km, mb4.5/11, ML4.3(BUC), After BUC.
BEO 10 18:25:47.3:0.6, 45.42N:25°84E, h0km, M3.5/1
SOF 10 18:25:49.1, 45.13N:26°13'E, h5km, MD3.2
PRU 10 18:25:50.0, 45.53N:26°18'E, h88km, M4.4
ISC 10 18:25:45.4:0.4, 45.54N:0°02:26.26E:0.02, h144km, 3km, h143km: p-P, N491, e162/612, mb4.3/29, 91C-55D, Romania

SGRR Singureni	1.34 189	iP	Pn	18 26 12.9 +0.2	MDVR Moldovita	3.31 258	iP	Pn	18 26 36.7 +0.3	ALU Alushta	5.83 96	eP	Pn	18 27 07.9 -1.7
SGRR Singureni		iS	Sn	18 26 32.4 -1.2	MDVR Moldovita	3.31 258	iP	Pn	18 26 36.7 +0.3	ALU Alushta	5.83 96	eP	Pn	18 27 07.9 -1.7
HUMR Humele	1.36 222	iP	Sn	18 26 13.2 +0.2	ZAGS Zajecar	3.35 240	iP	Pn	18 26 35.9 -1.1	ALU Alushta		eP	Pm	18 27 08.4
HUMR Humele	1.36 222	iS	Sn	18 26 13.2 +0.2	ZAGS Zajecar	3.35 240	iP	Pn	18 26 35.9 -1.1	ALU Alushta		eS	Sm	18 28 12.6 -2.8
HUMR Humele	1.36 222	iP	Sn	18 26 33.5 +0.6	KORU Koroievo	3.36 322	iP	Pn	18 26 38.4 +1.1	ALU Alushta		eS	Sm	18 28 14.0
HUMR Humele	1.36 222	iS	Sn	18 26 33.5 +0.6	KORU Koroievo	3.36 322	iP	Pn	18 26 38.4 +1.1	ALU Alushta		eS	Sm	18 27 11.9 +1.8
HUMR Humele	1.36 222	iP	Sn	18 26 33.5 +0.6	KUBS Kucevo	3.45 252	eP	Sn	18 26 36.5 -1.9	LANS Liptovska Anna	5.86 310	eP	Pn	18 27 11.9 +1.8
HUMR Humele	1.36 222	iS	Sn	18 26 33.5 +0.6	KUBS Kucevo	3.45 252	eP	Sn	18 26 36.5 -1.9	LANS Liptovska Anna	5.86 310	eP	Pn	18 27 11.9 +1.8
GIUM Giurgiuilesti	1.37 92	P	Sn	18 26 13.5 +0.5	KUBS Kucevo	3.45 252	eP	Sn	18 27 14.6 +4.5	LANS Liptovska Anna	5.86 310	eP	Pn	18 27 11.9 +1.8
GIUM Giurgiuilesti	1.37 92	iS	Sn	18 26 34.0 -0.1	KUBS Kucevo	3.45 252	eP	Sn	18 26 36.3 -1.9	VYHS Vyhne	5.87 303	eP	Pn	18 27 11.3 +1.1
CFR Carcaliu	1.37 105	iP	Pn	18 26 12.9 -0.1	ZAPS Zavo	3.45 230	eS	Sn	18 27 16.2 -3.1	VYHS Vyhne	5.87 303	eP	Pn	18 27 11.3 +1.1
CFR Carcaliu	1.37 105	iS	Sn	18 26 12.9 -0.1	ZAPS Zavo	3.45 230	eS	Sn	18 27 16.2 -3.1	VYHS Vyhne	5.87 303	eP	Pn	18 27 11.3 +1.1
CFR Carcaliu	1.37 105	P	Sn	18 26 12.2 -0.8	MEZ Mezghor'ye	3.52 329	P	Sn	18 26 41.0 -0.4	TTG Podgorica	5.94 241	eP	Pn	18 27 12.4 +1.3
CFR Carcaliu	1.37 105	iP	Pn	18 26 12.9 -0.1	BRIU Brid	3.57 323	iP	Pn	18 26 40.5 +0.8	TTG Podgorica	5.94 241	eP	Pn	18 27 12.4 +1.3
CFR Carcaliu	1.37 105	iS	Sn	18 26 32.5 -1.7	PLD Plovidiv	3.62 199	P	Pn	18 26 39.8 -0.6	TTG Podgorica	5.94 241	eP	Pn	18 27 12.4 +1.3
HARR Harsova	1.46 125	iP	Pn	18 26 14.0 0.0	PLD Plovidiv	3.62 199	P	Pn	18 26 39.8 -0.6	TTG Podgorica	5.94 241	eP	Pn	18 27 12.4 +1.3
HARR Harsova	1.46 125	iS	Sn	18 26 14.0 0.0	TRPA Tarpa	3.64 317	eS	Sn	18 26 41.0 -0.4	TTG Podgorica	5.94 241	eP	Pn	18 27 12.4 +1.3
HARR Harsova	1.46 125	iP	Pn	18 26 14.0 0.0	BERU Bergovo	3.66 312	iP	Pn	18 26 41.0 -0.4	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
HARR Harsova	1.46 125	iS	Sn	18 26 14.0 0.0	HORU Horodok	3.67 2 1P	iP	Sn	18 26 42.1 +1.0	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LEOM Leova	1.67 55	P	Sn	18 26 16.9 +0.7	HORU Horodok	3.67 2 1P	iP	Sn	18 26 42.1 +1.0	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LEOM Leova	1.67 55	iS	Sn	18 26 39.3 -0.6	HORU Horodok	3.67 2 1P	iP	Sn	18 26 42.1 +1.0	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
CVDA Cernavoda	1.75 133	iP	Pn	18 26 17.1 0.0	VTS Vitosh	3.68 218	iP	Pn	18 26 41.7 +0.3	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
CVDA Cernavoda	1.75 133	iS	Sn	18 26 17.1 0.0	VTS Vitosh	3.68 218	iP	Pn	18 26 41.7 +0.3	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
CVDA Cernavoda	1.75 133	iP	Sn	18 26 17.1 0.0	VTS Vitosh	3.68 218	iP	Pn	18 26 41.0 -0.4	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
CVDA Cernavoda	1.75 133	iS	Sn	18 26 39.7 -1.8	VTS Vitosh	3.68 218	iP	Pn	18 26 41.0 -0.4	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LOT Lotru	1.76 268	iP	Pn	18 26 18.4 +1.0	VTS Vitosh	3.68 218	iP	Pn	18 26 41.0 -0.4	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LOT Lotru	1.76 268	iS	Sn	18 26 18.4 +1.0	VTS Vitosh	3.68 218	iP	Pn	18 26 41.0 -0.4	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LOT Lotru	1.76 268	iP	Sn	18 26 42.8 +0.9	VTS Vitosh	3.68 218	iP	Pn	18 26 41.7 +0.3	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
LOT Lotru	1.76 268	iS	Sn	18 26 42.8 +0.9	VTS Vitosh	3.68 218	iP	Pn	18 26 41.7 +0.3	SUDU Sudak	6.21 93	eP	Sn	18 27 13.6 -1.1
PRAR RASCA	1.82 359	iP	Pn	18 26 19.7 +1.7	VOVS Vitosh	3.68 218	iP	Pn	18 27 13.4 -1.1	OJC Ojcow	6.38 319	eP	Pn	18 27 17.7 +0.7
PRAR RASCA	1.82 359	iS	Sn	18 26 19.7 +1.7	VOVS Vitosh	3.68 218	iP	Pn	18 27 13.4 -1.1	OJC Ojcow	6.38 319	eP	Pn	18 27 17.7 +0.7
PRAR RASCA	1.82 359	iP	Pn	18 26 19.7 +1.7	BOVS Bovan	3.77 241	iP	Pn	18 26 42.4 0.0	OJC Ojcow	6.38 319	eP	Pn	18 27 17.7 +0.7
PRAR RASCA	1.82 359	iS	Sn	18 26 19.7 +1.7	BOVS Bovan	3.77 241	iP	Pn	18 26 42.4 0.0	OJC Ojcow	6.38 319	eP	Pn	18 27 17.7 +0.7
TLCR TLCR	1.83 100	iP	Pn	18 26 18.1 0.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 42.4 0.0	BLY Banja Luka	6.47 266	eP	Pn	18 27 20.1 +1.8
TLCR TLCR	1.83 100	iS	Sn	18 26 42.7 -0.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 42.4 0.0	BLY Banja Luka	6.47 266	eP	Pn	18 27 20.1 +1.8
TLCR TLCR	1.83 100	P	Sn	18 26 18.1 0.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TLCR TLCR	1.83 100	iP	Sn	18 26 42.7 -0.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iP	Pn	18 26 18.6 0.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iS	Sn	18 26 18.6 0.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iP	Pn	18 26 42.9 -1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iS	Sn	18 26 42.9 -1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	P	Sn	18 26 18.1 -0.4	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iP	Sn	18 26 41.5 -2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	iS	Sn	18 26 41.5 -2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
TIRR Tirusor	1.87 125	P	Sn	18 26 41.5 -2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
IAS Iasi	1.88 281	iP	Pn	18 26 19.4 +0.8	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
IAS Iasi	1.88 281	iS	Sn	18 26 19.4 +0.8	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
IAS Iasi	1.88 281	iP	Sn	18 26 19.4 +0.8	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
IAS Iasi	1.88 281	iS	Sn	18 26 43.5 -0.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
IAS Iasi	1.88 281	P	Sn	18 26 21.2 +0.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
ARCR ARCALIA	2.03 320	iP	Pn	18 26 21.2 +0.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
ARCR ARCALIA	2.03 320	iS	Sn	18 26 21.2 +0.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
ARCR ARCALIA	2.03 320	iP	Sn	18 26 21.2 +0.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
ARCR ARCALIA	2.03 320	iS	Sn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
CJR Cluj-Napoca	2.19 303	iP	Pn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
CJR Cluj-Napoca	2.19 303	iS	Sn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
CJR Cluj-Napoca	2.19 303	iP	Sn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
CJR Cluj-Napoca	2.19 303	iS	Sn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
CJR Cluj-Napoca	2.19 303	P	Sn	18 26 23.5 +1.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BURAR Bucovina Array	2.19 341	iP	Pn	18 26 25.0 +2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BURAR Bucovina Array	2.19 341	iS	Sn	18 26 25.0 +2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BURAR Bucovina Array	2.19 341	iP	Sn	18 26 25.0 +2.5	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BURAR Bucovina Array	2.19 341	iS	Sn	18 26 49.5 -1.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BURAR Bucovina Array	2.19 341	P	Sn	18 26 49.5 -1.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR04 Bucovina Ar. S	2.20 341	eP	Sn	18 26 24.4 +1.8	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR04 Bucovina Ar. S	2.20 341	iS	Sn	18 26 49.5 -1.7	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR08 Bucovina Ar. S	2.23 341	eP	Sn	18 26 24.9 +2.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR08 Bucovina Ar. S	2.23 341	iS	Sn	18 26 24.9 +2.0	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR08 Bucovina Ar. S	2.23 341	iP	Sn	18 26 23.0 +0.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR08 Bucovina Ar. S	2.23 341	iS	Sn	18 26 23.0 +0.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
BUR08 Bucovina Ar. S	2.23 341	P	Sn	18 26 49.5 -1.8	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
EFOR EFORIE	2.23 130	iP	Pn	18 26 23.0 +0.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28 44.5 -0.7
EFOR EFORIE	2.23 130	iS	Sn	18 26 23.0 +0.1	MUKU Mukachevo	3.80 321	iP	Pn	18 26 43.9 +1.1	ILGA Ilgaz	7.05 127	eS	Sn	18 28

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like HINF Hinteralfeld, LPGA La Plagne, BNI Bardonecchia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, MKK1 Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like WR1 Warramunga Arr, WRA Warramunga Arr, FORT Fort, etc.

NIED 10 18:35:00.43;20N,147.10E,h5km,Mw3.8 Best double couple: M4: 770000,1014 NP1: 156 00000, 859 00000, 130 00000, NP2: 50 00000, 865 00000, 145 00000, JMA 10 18:35:39.6;0.3,43.26N;147.13E,h5km,5km,M3.7 SKHL 10 18:35:39.6;0.7,43.26N;147.23E,h47km,3km,mb4.4/3 MOS 10 18:35:40.1;5.1,43.30N;147.20E,h49km,mb4.2/1,Error ellipse: s-maj=40.9km s-min=18.6km s-az=124.1, ISC 10 18:35:59.5;2.0,43.27N;107.147E;0.07,h32km,12km,n25,0717/43,Kuril Islands

WEL 10 18:27:52.4,44'S;2°17'3E, h15km, 1km, ML3.9/3, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

NEIC 10 18:27:54.2;2.0,30'04S;177.66W,h4km,12km,mb4.7/18, Error ellipse: s-maj=15.1km s-min=7.2km s-az=104.0, IDC 10 18:27:54.5;1.1,30'04S;177.77W,h0km,mb4.3/4, mb1 4.5/5, mb1mx4.0/24, mbtmpt4.3/5, ML3.5/1, Error ellipse: s-maj=32.7km s-min=21.6km s-az=121.0, ISCJB 10 18:27:58.1;0.6,30'36S;107.177W;0.1,h33km, mb4.8/17, Error ellipse: s-maj=13.8km s-min=5.8km s-az=12.7

ISC 10 18:27:59.1;0.7,30'38S;106.177W;0.1,h33km,n53, 0.171/53,mb4.8/16, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IDC 10 18:36:56.9;0.3,2'43N;93.16E,h0km,mb5.9/45, mb1 6.0/48, mb1mx0.4/9, mbtmpt5.9/48, ML5.7/3, MS6.8/37, Ms1 6.8/37, Ms1mx0.6/46, Error ellipse: s-maj=10.6km s-min=3.9km s-az=50.0

MOS 10 18:36:58.2;0.9,2'40N;93.16E,h22km,mb6.7/136, MS6.9/145, Error ellipse: s-maj=6.1km s-min=4.5km s-az=107.7 Broadband fault plane solution: P waves: M2: 276.00000, 889.00000, 168.00000, 1.1.00000, NP2: 276.00000, 889.00000, 168.00000, 1.1.00000, Azm90.00000; P: 167.00000; Azm32.00000; DJA 10 18:36:58.4;0.1,2'N;2.9'E;h10km,M7.0/83,mb6.6/83, mb7.1/81,MLV7.3/9,Mw(mb7).1/81,Mwp6.7/63, GCMT 10 18:36:59.1;0.1,2'59N;92.98E,h24km,M7.2/150, Moment Tensor Solution: s150,c358,s147,c672, Duration: 96 Moment tensor: Scalar: 1019N; M=0.51+0.3; Mw=2.96E; M2=3.47E;03; Mw=1.07E;11; Mw=6.8E;02; Mw=0.90E;12; Best double couple: M7: 555000x1019 NP1: 12.00000, 883.00000, 1.9.00000, NP2: 103.00000, 881.00000,

HMNX	Herstmonceux	89.95 321	IAMs_20	IAMs_20	19 25 52.6
LFF	La Frestale	90.05 315	eP	P	18 50 00.0 +1.4
ECHA	Ech Chief	90.07 306	P	P	18 50 03.3 +4.4
GAMB	Gambell	90.09 26	eP	P	18 49 58.3 -0.1
LRW	Lerwick	90.10 330	IAMs_20	IAMs_20	19 33 19.8
LRW	Lerwick	90.10 330	eP	P	18 50 01.8 +3.3
ETRT	Tiare	90.17 305	P	P	18 50 03.5 +3.9
LMK	Market Rasen	90.18 323	eP	IAMB	18 49 59.4 +0.4
LMK					19 18 27.6
RAO	Raoul Island	90.19 119	PFAKE	LR	18 50 10.0 +1.0
EANR	Ain N'Sour	90.30 306	P	P	18 50 04.2 +4.1
LDf	La Druitiere	90.40 318	eP	P	18 50 00.9 +0.7
OJGS	Djebel Guires	90.61 305	P	P	18 50 05.0 +3.4
FLN	La Foliniere	90.63 319	eP	P	18 50 01.9 +0.7
LCP	Cassop	90.74 325	eP	P	18 50 02.1 +0.4
CWF	Charnwood Fore	90.82 323	eP	P	18 50 01.4 -0.7
CWF					19 15 53.8
CWF					19 34 33.8
CWF	Charnwood Fore	90.82 323	eP	P	18 50 01.9 -0.2
WOL	Wolverton	90.90 321	eP	IAMB	18 50 03.1 +0.7
WOL					18 50 09.0
WOL					19 24 50.3
TOC2	Torodi Ar. Sit	90.90 283	PFAKE	LR	18 50 10.0 +6.8
HPK	Haverah Park	90.90 324	eP	IAMB	18 50 02.8 +0.4
HPK					18 50 09.8
HPK					19 19 06.0
HPK					19 27 51.3
TOC3	Torodi Ar. Sit	90.90 283	PFAKE	LR	18 50 10.0 +6.8
TOC3					18 50 10.0 +6.8
GRR	Gorron	90.91 318	eP	P	18 50 03.4 +0.9
TOB2	Torodi Ar. Sit	90.92 283	PFAKE	LR	18 50 10.0 +6.7
TOB3	Torodi Ar. Sit	90.92 283	PFAKE	LR	18 50 10.0 +6.7
TOC1	Torodi Ar. Sit	90.92 283	PFAKE	LR	18 50 10.0 +6.7
TOA2	Torodi Ar. Sit	90.92 283	PFAKE	LR	18 50 10.0 +6.7
TOA4	Torodi Ar. Sit	90.92 283	PFAKE	LR	18 50 10.0 +6.7
TOA0	Torodi Ar. Sit	90.93 283	eP	P	18 50 02.9 -0.4
TORD	Torodi Ar. Bea	90.93 283	P	P	18 50 04.1 +0.8
TORD					18 53 56.8 +1.7
TORD					19 07 30.5 +2.9
TORD					19 30 35.3
TOA3	Torodi Ar. Sit	90.93 283	PFAKE	LR	18 50 10.0 +6.7
TOA1	Torodi Ar. Sit	90.93 283	eP	P	18 50 04.1 +0.7
TOA1					18 53 56.8 +1.7
TOA1					19 07 30.5 +2.9
TOB4	Torodi Ar. Sit	90.94 283	PFAKE	LR	18 50 10.0 +6.6
TOB5	Torodi Ar. Sit	90.94 283	PFAKE	LR	18 50 10.0 +6.6
TOC7	Torodi Ar. Sit	90.94 283	PFAKE	LR	18 50 10.0 +6.6
TOC5	Torodi Ar. Sit	90.95 283	PFAKE	LR	18 50 10.0 +6.6
TOC6	Torodi Ar. Sit	90.96 283	PFAKE	LR	18 50 10.0 +6.5
LBWR	Ladybower, Pea	91.01 323	eP	IAMB	18 50 03.1 +0.2
LBWR					18 50 06.5
LBWR					19 34 03.0
EDMD	Edmundsbury	91.02 325	eP	P	18 50 02.2 -0.7
EDMD					19 29 55.3
LRO	Mains of Drumt	91.08 324	IAMS_20	IAMS_20	19 32 57.1
ETF	Etsaut	91.13 313	eP	P	18 50 05.2 +1.4
SSW	Stow on the Wo	91.23 322	eP	P	18 50 04.3 +0.3
SWN1	Swindon	91.24 321	eP	IAMB	18 50 05.0 +1.0
SWN1					18 50 10.3
SWN1					19 24 42.0
ESY	Stoneypath	91.28 326	eP	P	18 50 05.2 +1.1
STNC	Stoke	91.33 323	IAMS_20	IAMS_20	19 34 27.2
ODJA	Bouhaniffa	91.35 305	P	P	18 50 09.0 +4.0
EDU	Dundee	91.43 327	eP	P	18 50 07.0 +2.2
MCD	Coleburn Disti	91.44 328	eP	P	18 50 06.0 +1.2
STRD	Stroud	91.44 322	eP	IAMS_20	18 50 05.2 +0.3
JMIC	Jan Mayen	91.53 341	e	P	18 53 54.8
JMIC					19 00 57.5
SPIA	Saint Paul Isl	91.53 33	PFAKE	LR	18 50 20.0 +1.5
BATH	Bath	91.58 321	IAMS_20	IAMS_20	19 24 51.5
EDI	Edinburgh	91.59 326	IAMS_20	IAMS_20	19 28 59.2
EDI					18 50 05.9 +0.4
SJPF	Ste Jean	91.60 313	eP	P	18 50 07.4 +1.5
JOE	Queens East	91.61 319	eP	P	18 50 06.3 +0.5
USTO	Oran	91.65 306	P	P	18 50 12.0 +5.7
BIGH	Upper Bighouse	91.67 329	eP	P	18 50 07.2 +1.4
BIGH					19 15 55.9
BIGH					19 31 46.9
ESK	Eskdalemuir	91.67 325	IAMS_20	IAMS_20	19 33 22.4
ESK					18 50 06.3 +0.3
ESK					19 18 27.6
ESK					19 33 39.0
ESK					19 34 03.0
ESK					18 53 54.8
ESK					19 00 57.5
ESK					18 50 20.0 +1.5
ESK					19 24 51.5
ESK					19 28 59.2
ESK					18 50 05.9 +0.4
ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
ESK					18 50 12.0 +5.7
ESK					18 50 07.2 +1.4
ESK					19 15 55.9
ESK					19 31 46.9
ESK					19 33 22.4
ESK					18 50 06.3 +0.3
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ESK					19 33 39.0
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ESK					19 33 39.0
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ESK					18 50 20.0 +1.5
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ESK					18 53 54.8
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ESK					18 50 20.0 +1.5
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ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
ESK					18 50 12.0 +5.7
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ESK					19 18 27.6
ESK					19 33 39.0
ESK					19 34 03.0
ESK					18 53 54.8
ESK					19 00 57.5
ESK					18 50 20.0 +1.5
ESK					19 24 51.5
ESK					19 28 59.2
ESK					18 50 05.9 +0.4
ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
ESK					18 50 12.0 +5.7
ESK					18 50 07.2 +1.4
ESK					19 15 55.9
ESK					19 31 46.9
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ESK					19 18 27.6
ESK					19 33 39.0
ESK					19 34 03.0
ESK					18 53 54.8
ESK					19 00 57.5
ESK					18 50 20.0 +1.5
ESK					19 24 51.5
ESK					19 28 59.2
ESK					18 50 05.9 +0.4
ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
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ESK					19 33 39.0
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ESK					18 53 54.8
ESK					19 00 57.5
ESK					18 50 20.0 +1.5
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ESK					19 28 59.2
ESK					18 50 05.9 +0.4
ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
ESK					18 50 12.0 +5.7
ESK					18 50 07.2 +1.4
ESK					19 15 55.9
ESK					19 31 46.9
ESK					19 33 22.4
ESK					18 50 06.3 +0.3
ESK					19 18 27.6
ESK					19 33 39.0
ESK					19 34 03.0
ESK					18 53 54.8
ESK					19 00 57.5
ESK					18 50 20.0 +1.5
ESK					19 24 51.5
ESK					19 28 59.2
ESK					18 50 05.9 +0.4
ESK					18 50 07.4 +1.5
ESK					18 50 06.3 +0.5
ESK					18 50 12.0 +5.7
ESK					18 50 07.2 +1.4
ESK					19 15 55.9
ESK					19 31 46.9
ESK					

ULM ULM ULM	comp=Z.53nm,1.0s,baz=350,slow=6.3,SNR=4.3 Lac du Bonnet 126.95 7 ePKPdf PP LR	PKPdf PKPdf	18 56 01.7 -1.0 18 57 59.6 +0.2	SAO SAO	baz=348 San Andreas Ge 129.41 36 PFAKE LR LR	18 56 20.0 +1.2	CTU CTU	Camp Tracy 131.41 25 PFAKE LR LR		
HOPS HOPS	comp=Z.61um,22.0s Hopland Field 126.96 35 PFAKE LR LR		18 56 10.0 +6.9	LOHW LOHW	comp=Z.18um,20.0s Long Hollow 129.42 22 PFAKE LR LR	18 56 20.0 +1.2	F35A F35A	Swanville 131.43 7 PKIKP baz=350	PKPdf PKPdf	18 56 09.7 -1.7 18 56 09.6 -1.1
DGMT DGMT	comp=Z.19um,21.0s Dagmar 127.09 14 PKIKP baz=338e Canyon 127.09 14 PFAKE LR LR	PKPdf LR	18 56 02.0 -1.1 18 56 10.0 +6.9	SNOW SNOW	comp=Z.44um,21.0s Snow King Mtn 129.49 23 ePKPdf SNOW LR	18 56 05.6 -2.6	G31A G31A	Conde 131.47 11 PKIKP baz=343	PKPdf PKPdf	18 56 09.9 -1.7 18 56 10.8 -1.2
DLMT DLMT	comp=Z.52um,22.0s Dillon 127.18 23 ePKPdf LR LR	PKPdf PKPdf	18 56 03.6 0.0	REDW REDW	comp=Z.59um,19.0s Red Top Meadow 129.53 23 ePKPdf LR LR	18 56 07.2 -1.1	R11A R11A	Troy Canyon, C 131.48 30 PKIKP baz=320	PKPdf PKPdf	18 56 10.8 -1.2 18 56 07.8 -4.3
GDXM GDXM	comp=Z.26um,22.0s Geysers 127.24 35 PFAKE LR LR		18 56 10.0 +6.2	C34A C34A	comp=Z.60um,19.0s RKI Ranch, Bem 129.62 7 PKIKP baz=350	18 56 06.3 -1.6	FRNY FRNY	Flat Rock 131.49 347 PFAKE LR LR		18 56 20.0 +8.5
BOZ BOZ	comp=Z.32um,21.0s Bozeman (W) 127.34 22 PKIKP baz=328	PKPdf PKPdf	18 56 03.6 -0.3	KVN KVN	comp=Z.29um,22.0s Kaiserville 129.66 32 ePKPdf MLR LR	18 56 07.9 -0.6	F36A F36A	Milaca 131.55 6 PKIKP baz=347	PKPdf PKPdf	18 56 10.7 -1.0 18 56 09.6 -2.6
BOZ BOZ	comp=Z.45um,22.0s Bozeman (W) 127.34 22 ePKPdf MLR LR	PKPdf PKPdf	18 56 03.7 -0.2	EYMN EYMN	comp=Z.29um,22.0s Ely 129.66 4 PKIKP baz=354	18 56 06.7 -1.3	G32A G32A	Webster 131.57 10 PKIKP baz=346	PKPdf PKPdf	18 56 10.2 -1.6 18 56 20.0 +7.7
ORV ORV	comp=Z.45um,22.0s Camas Ranch 127.42 26 ePKPdf LR LR	PKPdf PKPdf	18 56 03.5 -0.5	EYMN EYMN	comp=Z.49um,19.0s Jirik Farms, M 129.68 6 PKIKP baz=351	18 56 06.8 -1.3	PKM PKM	Mpgherson Peak 131.66 37 PKIKP baz=313	PKPdf PKPdf	18 56 11.1 -1.4 18 56 20.0 +8.1
MCMT MCCM	comp=Z.23um,21.0s Oroville 127.46 34 PFAKE LR LR		18 56 10.0 +5.9	C36A C36A	comp=Z.29um,22.0s Pin Crest Far 129.74 5 PKIKP baz=352	18 56 07.4 -1.2	LBNH LBNH	Lisbon 131.67 346 PFAKE LR LR		18 56 10.5 -1.8 18 56 09.7 -2.6
BEKR BEKR	comp=Z.19um,22.0s Beckworth 127.87 23 ePKPdf LR LR	PKPdf PKPdf	18 56 03.5 -0.9 18 56 20.0 +1.6	RYN RYN	comp=Z.25um,22.0s McClaffin, Tow 129.80 10 PKIKP baz=346	18 56 07.0 -1.3	K22A K22A	Casper 131.71 19 PKIKP baz=333	PKPdf PKPdf	18 56 10.9 -1.8 18 56 09.5 -2.6
GCMT GLMD	comp=Z.14um,21.0s Greycliff 127.88 20 ePKPpre PKPpre	PKPpre PKPpre	18 55 55.2 18 56 04.8 -0.1	C37A C37A	comp=Z.29um,22.0s Embarrass 129.83 5 PKIKP baz=353	18 56 06.9 -1.5	F39A F40A	Loretta 131.72 4 PKIKP Park Falls 131.77 3 PKIKP baz=356	PKPdf PKPdf	18 56 10.1 -1.8 18 56 11.1 -1.0
HLLD HLLD	comp=Z.19um,20.0s Hailey 127.92 25 PKIKP baz=324	PKPdf PKPdf	18 56 05.5 +0.5	G009 G009	comp=Z.28um,21.0s Cerro Castillo 129.83 192 PFAKE LR LR	18 56 20.0 +1.2	F37A F44A	Hinrichs Farm, 131.77 5 PKIKP baz=351	PKPdf PKPdf	18 56 10.7 -1.4 18 56 10.8 -1.3
A31A A31A	comp=Z.34um,22.0s Linda, St. Vin 128.05 9 PKIKP baz=347	PKPdf PKPdf	18 56 03.4 -1.5	C39A C39A	comp=Z.45um,21.0s Grand Marais 129.88 3 PKIKP baz=356	18 56 07.1 -1.3	G33A G33A	Ortonville 131.81 9 PKIKP baz=340	PKPdf PKPdf	18 56 10.5 -1.7 18 56 10.4 -2.4
QLMT LMN	comp=Z.28um,21.0s Earthquake Lak 128.07 22 ePKPdf Caledonia Mtn 128.12 341 ePKPdf LR LR	PKPdf PKPdf	18 56 05.4 +0.1 18 56 04.3 +0.8	AHID AHID	comp=Z.50um,22.0s AnnSam, Waubunt 130.00 8 PKIKP baz=348	18 56 07.2 -1.5	G34A G34A	Benson 131.89 8 PKIKP Lake Ozonia 131.90 348 ePKPdf LR LR	PKPdf PKPdf	18 56 10.2 -2.1 18 56 11.2 -1.1
A32A LAO	comp=Z.38um,21.0s Rocking H Ranc 128.17 8 PKIKP baz=348	PKPdf PKPdf	18 56 02.8 -2.4	NVARI NVARI	comp=Z.11nm,0.8s,baz=329,slow=2.2,SNR=16 Peaks-Kenny Pk 130.02 344 PFAKE LR LR	18 56 20.0 +1.1	ISA ISA	Isabella, Lake 131.90 35 PKIKP baz=351	PKPdf PKPdf	18 56 11.4 -1.4 18 56 20.0 +7.3
LAO LAO	comp=Z.38um,21.0s LASA Array 128.17 17 PKIKP baz=335	PKPdf PKPdf	18 56 04.0 -1.3	HVU HVU	comp=Z.45um,21.0s Hansel Valley 130.07 25 ePKPdf MLR LR	18 56 08.2 -1.0	F43A PLVO	Flat Rock, Esc 131.94 9 PKIKP Plevna 131.95 351 ePKPdf LR LR	PKPdf PKPdf	18 56 11.0 -1.4 18 56 12.0 -0.4
AFDM AFDM	comp=Z.24um,22.0s Horse Butte 128.22 22 ePKPdf LR LR	PKPdf PKPdf	18 56 05.1 -0.6	NV11 NV11	comp=Z.23um,21.0s Mina Array Sit 130.09 32 ePKPdf LR LR	18 56 07.4 -1.9	DAC DAC	Darwin (Calif) 131.96 34 ePKHP e MLR	PKPpre MLR	18 56 00.3 18 56 11.6
YHB YHB	comp=Z.44um,21.0s Warrod 128.30 7 PKIKP baz=349	PKPdf PKPdf	18 56 04.0 -1.4	MDBP MDBP	comp=Z.2um,22.0s Devils Postpil 130.16 34 ePKPdf LR LR	18 56 07.7 -1.9	DAC DAC	Darwin (Calif) 131.96 34 ePKPpre ePKPdf	PKPpre PKPdf	18 56 00.3 18 56 11.6 -1.4
POI YMR	comp=Z.55um,20.0s Presque Isle 128.38 344 ePKPdf Madison River 128.38 22 ePKPdf LR LR	PKPdf PKPdf	18 56 04.8 -0.7 18 56 05.9 -0.1	PMPB PMPB	comp=Z.19um,21.0s Monarch Peak 130.16 36 PFAKE LR LR	18 56 20.0 +1.1	F46A F41A	Macinaw City C 131.97 358 PKIKP Three Lakes 132.00 2 PKIKP baz=27	PKPdf PKPdf	18 56 10.6 -1.8 18 56 10.6 -1.9
YNR YNR	comp=Z.46um,19.0s Norris Junctio 128.45 22 PFAKE LR LR		18 56 20.0 +1.4	D36A D36A	comp=Z.21um,22.0s Nome 130.25 10 PKIKP baz=345	18 56 07.7 -1.5	F42A MPU	Magle Grove Fa 132.00 1 PKIKP Maple Canyon 132.02 26 PFAKE LR LR	PKPdf LR	18 56 11.2 -1.3 18 56 20.0 +7.0
B31A PAHR	comp=Z.64um,19.0s Greenbush Farm 128.48 9 PKIKP baz=346	PKPdf PKPdf	18 56 03.9 -1.8	MLAC MLAC	comp=Z.21um,22.0s Mammoth, Mammt 130.30 34 PKIKP baz=316	18 56 08.3 -1.5	G35A F45A	Watkins 132.07 7 PKIKP CMU Biological 132.08 359 PKIKP Miller 132.08 12 PKIKP baz=344	PKPdf PKPdf	18 56 11.6 -1.0 18 56 10.8 -1.8 18 56 11.6 -1.2
RLMT RLMT	comp=Z.19um,21.0s Red Lodge 128.60 20 PKIKP baz=331	PKPdf PKPdf	18 56 04.8 -1.6	D37A D37A	comp=Z.35um,21.0s Goodland 130.28 6 PKIKP baz=352	18 56 08.0 -1.2	SUSD G36A	St. Michael 132.14 7 PKIKP Wolsey 132.14 11 PKIKP baz=344	PKPdf PKPdf	18 56 04.2 -2.2 18 56 20.0 +1.0 18 56 11.2 -1.6 18 56 11.7 -1.2
B32A LKWY	comp=Z.41um,20.0s Ashes, Strandq 128.67 8 PKIKP Lake 128.68 22 PFAKE LR LR	PKPdf LR	18 56 04.0 -2.1 18 56 20.0 +1.3	BW06 BW06	comp=Z.44um,20.0s Pinedale Array 130.53 22 ePKPdf Pinedale Array 130.53 22 PKIKP comp=Z.1.7nm,0.7s,baz=61,slow=2.2,SNR=4.4	18 56 06.5 -3.6 18 56 03.2	H31A MPMC	St. Michael 132.14 7 PKIKP Manual Prospec 132.18 34 PKIKP Pine Spring 132.19 29 PFAKE LR LR	PKPdf PKPdf	18 56 11.2 -1.6 18 56 11.7 -1.2 18 56 12.3 -1.1 18 56 20.0 +6.6
MDND MDND	comp=Z.62um,20.0s Maddock 128.69 11 PKIKP baz=344	PKPdf PKPdf	18 56 04.0 -2.1	E33A E33A	comp=Z.23um,20.0s Westby DABS, E 130.60 8 PKIKP baz=344	18 56 10.1 0.0 18 56 08.3 -1.5	TPNV TPNV	Topopah Spring 132.20 32 PKIKP Topopah Spring 132.20 32 ePKIKP MLR	PKPdf PKPdf	18 56 11.5 -1.9 18 56 09.2 -4.2
H17A H17A	comp=Z.66um,21.0s Grant Village 128.76 22 PKIKP baz=329	PKPdf PKPdf	18 56 04.0 -2.8	SPUT SPUT	comp=Z.23um,20.0s South Promonto 130.60 25 ePKPdf LR LR	18 56 08.4 -1.9	TPNV TPNV	Topopah Spring 132.20 32 ePKPdf Topopah Spring 132.20 32 ePKPdf LR LR	PKPdf PKPdf	18 56 11.5 -1.9 18 56 09.2 -4.2
YPP YPP	comp=Z.65um,19.0s Pitchstone Pla 128.78 22 PFAKE LR LR		18 56 20.0 +1.3	BGU BGU	comp=Z.23um,21.0s Big Grassy Mou 130.66 26 ePKPdf LR LR	18 56 09.4 -0.9	FURC SPMN	Furnace Creek, 132.23 33 PKIKP Marine on St. 132.25 6 PKIKP baz=318	PKPdf PKPdf	18 56 11.8 -1.3 18 56 11.6 -1.4
RDG13 RDG13	comp=Z.85um,20.0s Poverty Ridge 128.79 36 PFAKE LR LR		18 56 20.0 +1.3	D41A D41A	comp=Z.25um,19.0s Chassel 130.69 2 PKIKP baz=358	18 56 08.6 -1.3	SPMN SPMN	Marine on St. 132.25 6 ePKPdf LR LR	PKPdf PKPdf	18 56 10.1 -2.8 18 56 11.6 -1.4
B34A PNTR	comp=Z.16um,20.0s Aery, Baudette 128.83 7 PKIKP Pine Nut 128.83 33 ePKPdf LR LR	PKPdf PKPdf	18 56 04.6 -1.8 18 56 06.2 -0.8	WVL PAGB	comp=Z.23um,20.0s Hecla 130.85 11 PKIKP baz=345	18 56 09.0 -1.4	H33A H32A	Frehn Over Nor 132.26 10 PKIKP Carlson Farm, 132.31 10 PKIKP baz=346	PKPdf PKPdf	18 56 11.7 -1.3 18 56 12.5 -0.6
AGMN AGMN	comp=Z.55um,20.0s Robert and Kas 128.92 8 PKIKP baz=349	PKPdf PKPdf	18 56 05.6 -1.0	F31A E36A	comp=Z.23um,20.0s McGregor 130.93 6 PKIKP baz=353	18 56 09.5 -1.0 18 56 09.8 -0.7	RWVY RWVY	Rawlins 132.33 21 ePKPdf LR LR	PKPdf PKPdf	18 56 11.4 -2.2 18 56 11.4 -2.2
B33A VLDQ	comp=Z.53um,20.0s Val d'Or 129.01 352 ePKPdf LR LR	PKPdf PKPdf	18 56 06.1 -0.6	E37A E38A	comp=Z.23um,20.0s Wrenshall 130.96 5 PKIKP The Farm, Brul 130.99 4 PKIKP baz=354	18 56 09.8 -0.7 18 56 09.6 -0.9	G39A SCZ2	Holcombe 132.33 4 PKIKP Santa Cruz Isl 132.37 38 PKIKP baz=354	PKPdf PKPdf	18 56 11.8 -1.3 18 56 13.0 -0.6
RKT RKT	comp=Z.41um,20.0s Rikitea 129.03 118 eSS Rikitea 129.03 118 eLQ LR LR	SS LQ	19 15 37.9 +3.8 19 30 42.6	R3CT R3CT	comp=Z.23um,20.0s Rector, Farmer 131.01 35 PKIKP baz=313	18 56 09.1 -1.8 18 56 09.6 -1.1	G40A H34A	Ridgeland 132.39 5 PKIKP Rib Lake 132.41 3 PKIKP Spellman Lake, 132.43 9 PKIKP baz=348	PKPdf PKPdf	18 56 11.8 -1.4 18 56 12.0 -1.3 18 56 12.5 -0.9
IMW IMW	comp=Z.26um,42.8s Indian Meadow 129.05 22 PFAKE LR LR		19 37 00.2	RSSD RSSD	comp=Z.67um,21.0s Black Hills 131.15 16 PKIKP baz=337	18 56 09.5 -1.6 18 56 07.9 -3.3	NCB NCB	Newcomb 132.45 348 ePKPdf LR LR	PKPdf PKPdf	18 56 20.0 +1.3 18 56 11.0 -2.5
B35A C31A	comp=Z.48um,19.0s Bob, Littlefor 129.06 6 PKIKP Landman Farms, 129.07 9 PKIKP baz=346	PKPdf PKPdf	18 56 05.3 -1.6	RSSD RSSD	comp=Z.27um,22.0s Black Hills 131.15 16 ePKPdf LR LR	18 56 07.9 -3.3	OSI OSI	Osito Audit: C 132.50 36 PKIKP baz=314	PKPdf PKPdf	18 56 12.8 -1.1 18 56 20.0 +6.2
BMN BMN	comp=Z.20um,22.0s Battle Mountai 129.08 30 PFAKE LR LR		18 56 20.0 +1.3	E44A E44A	comp=Z.67um,21.0s Grand Marais A 131.15 359 PKIKP baz=1.1	18 56 09.6 -1.2	G42A G43A	Mountain 132.51 2 PKIKP Wallace 132.51 1 PKIKP baz=358	PKPdf PKPdf	18 56 20.0 +1.3 18 56 11.6 -1.9
YERR YERR	comp=Z.21um,21.0s Riachuelo 129.15 264 PFAKE LR LR		18 56 20.0 +1.2	F33A F33A	comp=Z.49um,20.0s 5 Mile Ranch, 131.20 9 PKIKP baz=347	18 56 09.9 -1.1	SADO SADO	Sadowa 132.51 353 ePKPdf LR LR	PKPdf PKPdf	18 56 12.2 -1.3 18 56 12.7 -0.9
CMB CMB	comp=Z.53um,22.0s Columbia Colle 129.15 34 ePKIKP MLR LR	PKPdf MLR	18 56 06.1 -1.3	E40C E40C	comp=Z.23um,20.0s Simmiler 131.26 37 PKIKP baz=313	18 56 11.1 -0.3 18 56 10.4 -0.7	H35A I31A	Sunnyside Ranc 132.53 8 PKIKP Royce, Wessing 132.56 11 PKIKP baz=344	PKPdf PKPdf	18 56 12.7 -0.9 18 56 13.0 -1.4
CSR C32A	comp=Z.19um,21.0s Chase Ranch 129.20 36 ePKPdf Crookston 129.23 8 PKIKP baz=347	PKPdf PKPdf	18 56 05.9 -1.6 18 56 05.5 -1.6	E41A E39A	comp=Z.19um,21.0s Kenton 131.28 2 PKIKP Mellen 131.29 3 PKIKP baz=355	18 56 10.4 -0.7 18 56 10.3 -0.8	BLG H36A	Laguna Peak, P 132.64 37 PKIKP Jessenland, He 132.77 7 PKIKP baz=314	PKPdf PKPdf	18 56 06.1 -1.3 18 56 12.4 -1.6
FXWY FXWY	comp=Z.20um,22.0s Fox Creek 129.23 23 ePKPdf LR LR	PKPdf PKPdf	18 56 07.5 -0.1	E42A DUG	comp=Z.24um,20.0s Champion 131.34 1 PKIKP Dugway, Tooele 131.35 27 PKIKP baz=324	18 56 10.0 -1.3 18 56 11.4 -0.2	I32A TMUT	Karley and Nic 132.77 10 PKIKP Trail Mountain 132.79 26 ePKPdf LR LR	PKPdf PKPdf	18 56 12.6 -1.5 18 56 10.8 -3.8
MOOW MOOW	comp=Z.48um,20.0s Moose Ponds 129.25 22 ePKPdf LR LR	PKPdf PKPdf	18 56 07.8 +0.2	DUG DUG	comp=Z.27um,22.0s Dugway, Tooele 131.35 27 ePKPdf LR LR	18 56 08.7 -2.9 18 56 08.7 -2.9	TCRU TCRU	Three Creeks R 132.80 28 PFAKE LR LR		18 56 07.8 +0.2 18 56 30.0 +1.5
WAKR WAKR	comp=Z.59um,20.0s Walker 129.34 33 ePKPdf LR LR	PKPdf PKPdf	18 56 08.7 +0.7	F34A F45A	comp=Z.27um,22.0s Alexandria 131.40 8 PKIKP Wooded Hills, 131.40 359 PKIKP baz=2.1	18 56 10.5 -0.8 18 56 10.2 -1.1	H38A P17A	Malden Rock 132.85 5 PKIKP Butcher Ranch, 132.85 25 PFAKE LR LR	PKPdf PKPdf	18 56 12.3 -1.9 18 56 30.0 +1.5
TPAW TPAW	comp=Z.31um,21.0s Teton Pass 129.39 23 ePKPdf LR LR	PKPdf PKPdf	18 56 04.5 -3.5	E43A E43A	comp=Z.27um,22.0s Lone Tree Farm 131.40 0 PKIKP baz=360	18 56 10.4 -1.0	P17A P17A	Butcher Ranch, 132.85 25 PFAKE LR LR		18 56 30.0 +1.5 18 56 30.0 +1.5
C33A C33A	comp=Z.57um,19.0s Trail 129.40 8 PKIKP LR LR	PKPdf PKPdf	18 56 06.1 -1.4				comp=Z.32um,20.0s			

P36A	Good Intent, A	137.45	10	PKIKP	PKPdf	18 56 22.5	-0.4
042A	Bath	137.47	4	PKIKP	PKPdf	18 56 21.9	-1.0
O41A	Pasleys Farm,	137.49	5	PKIKP	PKPdf	18 56 22.4	-0.5
O45A	Potomac	137.52	1	PKIKP	PKPdf	18 56 22.1	-0.8
O47A	Sheridan	137.53	359	PKIKP	PKPdf	18 56 22.2	-0.8
O44A	Mansfield	137.59	2	PKIKP	PKPdf	18 56 22.3	-0.8
P37A	Lathrop	137.61	9	PKIKP	PKPdf	18 56 22.3	-0.8
MCWV	Mont Chateau	137.63	352	PFAKE	LR	18 56 30.0	+6.8
P38A	Dawn	137.69	8	PKIKP	PKPdf	18 56 22.4	-1.0
KSU1	Kansas State U	137.69	11	PKIKP	PKPdf	18 56 22.9	-0.4
KSU1	Kansas State U	137.69	11	ePKPpre	PKPpre	18 56 15.7	
KSU1	KSU1			PKPdf	LR	18 56 23.1	-0.3
Q34A	Chapman	137.80	12	PKIKP	PKPdf	18 56 23.1	-0.4
214A	Organ Pipe Nat	137.82	34	PKIKP	PKPdf	18 56 23.7	-0.1
TRQA	Tornquist	137.88	210	PFAKE	LR	18 56 30.0	+6.3
P41A	Barry, Barry	137.92	5	PKIKP	PKPdf	18 56 23.2	-0.6
P39B	Salisbury	137.93	7	PKIKP	PKPdf	18 56 22.9	-0.8
P40A	Paris	137.97	6	PKIKP	PKPdf	18 56 23.3	-0.6
Q35A	Mercer Eighty,	138.04	11	PKIKP	PKPdf	18 56 22.7	-1.3
Q36A	Arnold C. Orve	138.04	10	PKIKP	PKPdf	18 56 22.7	-1.3
P43A	Skaggs, Pawnee	138.06	3	PKIKP	PKPdf	18 56 23.4	-0.6
P42A	Winchester	138.06	4	PKIKP	PKPdf	18 56 23.3	-0.7
P46A	Rosedale	138.16	0	PKIKP	PKPdf	18 56 23.6	-0.6
P44A	Graceland, Par	138.24	1	PKIKP	PKPdf	18 56 23.3	-1.0
P45A	Sand Creek, Wi	138.27	2	PKIKP	PKPdf	18 56 23.4	0.0
P47A	Martinsville	138.28	359	PKIKP	PKPdf	18 56 23.7	-0.7
Q37A	Longview Farm,	138.29	9	PKIKP	PKPdf	18 56 23.3	-1.1
Q38A	Cooks Store, C	138.33	8	PKIKP	PKPdf	18 56 23.9	-0.6
R34A	Isabella, Hill	138.33	12	PKIKP	PKPdf	18 56 23.5	-1.0
Q39A	Willow Grove F	138.34	7	PKIKP	PKPdf	18 56 23.2	-1.3
Q40A	Laux Farm, Aux	138.49	6	PKIKP	PKPdf	18 56 23.9	-0.9
ANMO	Albuquerque	138.49	25	PKIKP	PKPdf	18 56 21.7	-3.5
ANMO	Albuquerque	138.49	25	PFAKE	LR	18 56 40.0	+15
R35A	Emporia Municipi	138.53	11	PKIKP	PKPdf	18 56 24.3	-0.6
BLO	Bloomington	138.60	360	PFAKE	LR	18 56 40.0	+15
Q41A	Truxton	138.62	5	PKIKP	PKPdf	18 56 24.3	-0.7
TUC	Tucson	138.64	31	PKIKP	PKPdf	18 56 24.6	-0.8
TUC	Tucson	138.64	31	PFAKE	LR	18 56 40.0	+15
CBN	Corbin Frederi	138.64	349	PFAKE	LR	18 56 40.0	+15
R36A	Gordon, Harris	138.66	10	PKIKP	PKPdf	18 56 24.3	-0.9
LAZ	Ladron	138.67	26	ePKPpdf	PKPpdf	18 56 22.8	-2.7
Q42A	Golden Eagle	138.72	4	PKIKP	PKPdf	18 56 24.5	-0.7
SPFD	Spotsylvania F	138.74	349	PFAKE	LR	18 56 40.0	+15
Q43A	New Douglas	138.75	3	PKIKP	PKPdf	18 56 24.5	-0.7
Q46A	CEJHS Indians,	138.75	1	PKIKP	PKPdf	18 56 24.8	-0.5
PTRD	Partlow Road	138.77	349	PFAKE	LR	18 56 40.0	+15
Q44A	Meyer Farm, Va	138.82	3	PKIKP	PKPdf	18 56 24.7	-0.7
Q47A	Bedord North L	138.84	360	PKIKP	PKPdf	18 56 24.5	-0.9
CVRD	Centerville Ro	138.85	349	ePKPpdf	PKPpdf	18 56 21.9	-3.6
Q45A	Warren Harvey,	138.86	2	PKIKP	PKPdf	18 56 24.4	-1.0
IP04	Greensprings	138.88	350	PFAKE	LR	18 56 40.0	+14
SPRD	Spring Road, M	138.91	349	PFAKE	LR	18 56 40.0	+14
IP03	Louisa	138.94	349	PFAKE	LR	18 56 40.0	+14
S34A	Willow Spring	138.94	12	PKIKP	PKPdf	18 56 24.8	-0.9
LPM	Los Pinos Moun	138.96	25	ePKPpdf	PKPpdf	18 56 24.8	-1.3
IP01	Cuckoo	138.98	349	ePKPpdf	PKPpdf	18 56 22.9	-2.8
SLM	Saint Louis	139.01	4	PFAKE	LR	18 56 40.0	+14
IP06	Yanceyville	139.02	349	PFAKE	LR	18 56 40.0	+14
OLIL	Olney	139.02	2	ePKPpdf	PKPpdf	18 56 22.2	-3.6
Y22D	IRIS PASSCAL I	139.04	26	PKIKP	PKPdf	18 56 26.0	-0.1
Y22D	IRIS PASSCAL I	139.04	26	PFAKE	LR	18 56 40.0	+14
Y22E	IRIS PASSCAL I	139.04	26	PKIKP	PKPdf	18 56 25.5	-0.7
IP07	Quail	139.04	349	ePKPpdf	PKPpdf	18 56 22.2	-3.6
R39A	Chumby, Stover	139.05	8	PKIKP	PKPdf	18 56 25.0	-0.9
R38A	Fenwick Farm,	139.05	9	PKIKP	PKPdf	18 56 24.8	-1.0
IP05	Hopewell Churc	139.07	349	PFAKE	LR	18 56 40.0	+14
BNM	Barren Site	139.10	25	ePKPpre	PKPpre	18 56 17.3	
S35A	Other Creek Ra	139.12	12	ePKPpdf	PKPpdf	18 56 26.5	+0.1
PLCA	Paso Flores	139.14	199	PKHKP	PKPpre	18 56 20.2	
PLCA	Paso Flores	139.14	199	ePKPpre	PKPpre	18 56 20.4	
R40A	Maddies Latic	139.17	7	PKIKP	PKPdf	18 56 25.2	-0.9
S36A	Lake Cedric, C	139.22	11	PKIKP	PKPdf	18 56 25.3	-0.9
JSRW	J. Sargeant Re	139.23	349	ePKPpre	PKPpre	18 56 18.5	
R41A	Rosebud	139.25	6	PKIKP	PKPdf	18 56 24.2	-2.0
R42A	Luebbering	139.32	5	PKIKP	PKPdf	18 56 25.5	-0.8

S37A	Fort Scott	139.32	10	PKIKP	PKPdf	18 56 25.5	-0.9
R43A	Northridge Ran	139.36	359	PKIKP	PKPdf	18 56 25.9	-0.5
R44A	Red Bud	139.39	4	PKIKP	PKPdf	18 56 25.8	-0.6
R45A	Skylar, Fairri	139.46	2	PKIKP	PKPdf	18 56 26.0	-0.6
R44A	Waltownville	139.47	3	PKIKP	PKPdf	18 56 25.8	-0.8
R47A	Woody Knot Far	139.48	360	PKIKP	PKPdf	18 56 25.8	-0.8
CCM	Cathedral Cave	139.51	5	PKIKP	PKPdf	18 56 26.1	-0.6
CCM	Cathedral Cave	139.51	5	ePKHKP	PKPpre	18 56 16.0	
CCM	Cathedral Cave	139.51	5	ePKPpre	PKPpre	18 56 16.0	
WCI	Wyandotte Cave	139.54	359	ePKPpre	PKPpre	18 56 25.5	-1.2
WCI	Wyandotte Cave	139.54	359	ePKHKP	PKPpre	18 56 19.5	
BBSR	BB Station	139.55	331	PFAKE	LR	18 56 40.0	+13
R46A	Gibson Southern	139.56	1	PKIKP	PKPdf	18 56 25.6	-1.2
T34A	McClasky Farm	139.57	13	PKIKP	PKPdf	18 56 25.8	-1.1
S38A	Stocketon	139.60	9	PKIKP	PKPdf	18 56 26.2	-0.7
S39A	Bolivar	139.62	8	PKIKP	PKPdf	18 56 25.7	-1.2
FVM	French Village	139.65	4	ePKHKP	PKPpre	18 56 19.1	
FVM	French Village	139.65	4	ePKPpre	PKPpre	18 56 19.1	
US2A	Winter Ranch,	139.74	15	PKIKP	PKPdf	18 56 26.5	-0.7
USIN	University of	139.80	1	PFAKE	LR	18 56 40.0	+13
T36A	Boggs Farm, Ca	139.81	11	PKIKP	PKPdf	18 56 26.5	-0.8
S40A	Lebanon	139.82	7	PKIKP	PKPdf	18 56 26.6	-0.7
T35A	Sooner Cattle	139.82	12	PKIKP	PKPdf	18 56 26.9	-0.4
S41A	Caledonia	139.83	5	PKIKP	PKPdf	18 56 26.4	-1.0
S42A	Hilco Farms,	139.82	6	PKIKP	PKPdf	18 56 27.1	-0.4
T37A	Cheneyville 18	139.93	10	PKIKP	PKPdf	18 56 27.3	-0.2
121A	Cocoon Peak, D	139.94	28	PKIKP	PKPdf	18 56 27.8	-0.1
SIUC	Southern Illin	139.99	3	PFAKE	LR	18 56 40.0	+12
S44A	Carbondale	140.01	3	PKIKP	PKPdf	18 56 27.5	-0.1
S45A	Carrier Mills	140.06	2	PKIKP	PKPdf	18 56 27.5	-0.2
S46A	Don Dixon Farm	140.08	1	PKIKP	PKPdf	18 56 26.8	-0.9
S43A	Fulton Ridge,	140.08	4	PKIKP	PKPdf	18 56 27.1	-0.7
S48A	Wiedeman Farm,	140.11	359	PKIKP	PKPdf	18 56 27.4	-0.4
BLA	Blacksburg	140.12	352	PFAKE	LR	18 56 40.0	+12
T38A	Diamond	140.12	9	PKIKP	PKPdf	18 56 27.6	-0.3
319A	Douglas	140.15	31	PFAKE	LR	18 56 40.0	+12
T40A	Matfield	140.26	7	PKIKP	PKPdf	18 56 27.6	-0.6
T39A	Clever	140.27	8	PKIKP	PKPdf	18 56 28.3	+0.1
U35A	Pawnee	140.30	13	PKIKP	PKPdf	18 56 27.8	-0.4
U35A	Pawnee	140.30	13	ePKPpre	PKPpre	18 56 19.9	
AMTX	Amarillo	140.34	19	PKIKP	PKPdf	18 56 28.6	+0.2
AMTX	Amarillo	140.34	19	ePKPpre	PKPpre	18 56 21.1	
T41A	Mouton View	140.46	6	PKIKP	PKPdf	18 56 28.6	+0.1
U36A	Oologah	140.49	11	PKIKP	PKPdf	18 56 28.5	0.0
T42A	Van Buren	140.54	5	PKIKP	PKPdf	18 56 29.0	+0.4
T43A	Greenville	140.55	4	PKIKP	PKPdf	18 56 28.8	+0.2
U37A	Salina	140.59	11	PKIKP	PKPdf	18 56 29.6	+0.9
T44A	Benton	140.60	4	PKIKP	PKPdf	18 56 29.6	+0.9
T48A	Bowling Green	140.66	359	PKIKP	PKPdf	18 56 28.9	+0.1
U38A	Gravette	140.69	10	PKIKP	PKPdf	18 56 29.2	+0.3
T45A	Paducah	140.71	2	PKIKP	PKPdf	18 56 29.2	+0.3
T46A	Princeton	140.72	1	PKIKP	PKPdf	18 56 29.3	+0.4
T47A	Sharon Grove	140.78	0	PKPdf	PKPdf	18 56 26.6	-2.4
MSTX	Muleshoe	140.79	21	PKPdf	PKPdf	18 56 26.0	-3.3
MSTX	Muleshoe	140.79	21	ePKPpre	PKPpre	18 56 22.0	
PBMO	Poplar Bluff	140.84	5	ePKPpre	PKPpre	18 56 22.0	
V35A	Meyer Ranch, C	140.86	13	PKPdf	PKPdf	18 56 26.3	-3.0
V35A	Meyer Ranch, C	140.86	13	ePKPpre	PKPpre	18 56 23.1	
U39A	Green Forest	140.89	9	PKPdf	PKPdf	18 56 26.7	-2.6
HHAR	Hobbs	140.91	9	ePKPpre	PKPpre	18 56 23.6	
TUL1	Leonard	140.94	12	PKPdf	PKPdf	18 56 26.7	-2.7
TUL1	Leonard	140.94	12	ePKPpre	PKPpre	18 56 22.5	
U40A	Yellville	141.00	8	PKPdf	PKPdf	18 56 26.6	-2.8
V36A	Jenks	141.03	12	PKPdf	PKPdf	18 56 26.9	-2.7
V36A	Jenks	141.03	12	ePKPpre	PKPpre	18 56 22.2	
OK02I	N350 Road, Sp	141.04	13	PFAKE	LR	18 56 40.0	+10
OK02O	N340 Road, Me	141.07	13	PFAKE	LR	18 56 40.0	+10
HSIG							

10d 19h

Table of station data for 10d 19h, including station names like H1N3, H1S1, H1S3, H1S2, MKAR, KURBB, WRA, and their respective coordinates and phases.

Main table of station data for 10d 19h, listing station names, coordinates, phases, and time/residual values for various stations.

Table of station data for eastern Honshu, including stations like CHOU, KTR, BSQ, JYT, BS03, BS01, JHO, MJAR, MJAR, MAT, JAT, MJH, JHU, H1N2, H1N1, H1N3, H1S1, H1S2, H1S3, H1S4, H1S5, H1S6, H1S7, H1S8, H1S9, H1S10, H1S11, H1S12, H1S13, H1S14, H1S15, H1S16, H1S17, H1S18, H1S19, H1S20, H1S21, H1S22, H1S23, H1S24, H1S25, H1S26, H1S27, H1S28, H1S29, H1S30, H1S31, H1S32, H1S33, H1S34, H1S35, H1S36, H1S37, H1S38, H1S39, H1S40, H1S41, H1S42, H1S43, H1S44, H1S45, H1S46, H1S47, H1S48, H1S49, H1S50, H1S51, H1S52, H1S53, H1S54, H1S55, H1S56, H1S57, H1S58, H1S59, H1S60, H1S61, H1S62, H1S63, H1S64, H1S65, H1S66, H1S67, H1S68, H1S69, H1S70, H1S71, H1S72, H1S73, H1S74, H1S75, H1S76, H1S77, H1S78, H1S79, H1S80, H1S81, H1S82, H1S83, H1S84, H1S85, H1S86, H1S87, H1S88, H1S89, H1S90, H1S91, H1S92, H1S93, H1S94, H1S95, H1S96, H1S97, H1S98, H1S99, H1S100.

2012 JAN

Table of station data for 2012 JAN, including stations like WRA, ASAR, and their coordinates and phases.

Table of station data for 2012 JAN, listing station names, coordinates, phases, and time/residual values.

Table of station data for 2012 JAN, listing station names, coordinates, phases, and time/residual values.

Table of station data for 2012 JAN, listing station names, coordinates, phases, and time/residual values.

Table of station data for 2012 JAN, listing station names, coordinates, phases, and time/residual values.

927

Table of station data for 927, including stations like SKR, PAU, KDR, KDR, RUS, KRMR, UGLR, KDR, SDR, GNL and their coordinates and phases.

Table of station data for 927, listing station names, coordinates, phases, and time/residual values.

Table of station data for 927, listing station names, coordinates, phases, and time/residual values.

Table of station data for 927, listing station names, coordinates, phases, and time/residual values.

Table of station data for 927, listing station names, coordinates, phases, and time/residual values.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKASG Malin Array Be, KIEV Kiev, VRI Vrincoia, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SONM Sogino Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CDAG Cicekdag, CDAG Cicekdag, CDAG Corum-Alaca, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRG Bergsihsul, BRG Bergsihsul, BRG Bergsihsul, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDC 10 21:38:17.0,3.0,15775x173.24W, h0km, mb3.7/4, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRTR 1um,0.3s,baz=119,slow=28,SNR=97, etc.

ISCJB 10 21:10:05.6,0.6,43.77N:0.04:105.03W:0.07,h0km, Error ellipse: s-maj=6.8km s-min=5.8km az=7.0

NEIC 10 21:10:07.9,0.6,43.76N:105.19W,h0km,MN2.9, Error ellipse: s-maj=7.8km s-min=7.2km az=173.0, Suspected Mining explosion.

NEIC 66 km [41 miles] SSE of Gillette. IDC 10 21:10:07.5,1.7,44.11N:105.65W,h0km,mb1 3.5/3, mb1mx3.2/3, mbtmp3.2/3, ML3.2/3, Error ellipse: s-maj=6.1km s-min=7.6km az=145.0

ISC 10 21:10:06.7,0.8,43.93N:0.04:105.10W:0.03,h0km,n17, az=117.35, Wyoming

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RSSD Black Hills, K22A Casper, LAO LASA Array, etc.

ISCJB 10 21:52:05.3,0.7,20.17S:0.04:69.3W:0.1, h104km,6km, mb3.4/2, Error ellipse: s-maj=16.1km s-min=6.1km

GUC 10 21:52:06.0,0.5,20.18S:69.26W,h90km,3km,ML4.0 IDC 10 21:52:19.1,7.4,19.23S:68.47W,h184km,48km,mb3.1/2, mb1 3.3/3, mb1mx3.0/24, mbtmp3.5/3, Error ellipse: s-maj=87.3km s-min=49.0km az=26.0

ISC 10 21:52:05.4,1.0,20.15S:0.04:69.21W:0.10,h98km,7km, n11,+1948/20, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB08 IPOC Station P, PB01 IPOC Station P, PB02 Pisagua, etc.

ISCJB 10 21:54.0,0.8,37.27N:0.04:141.70E:0.0, h50km,8km, mb3.6/8, Error ellipse: s-maj=10.5km s-min=5.4km az=21.3

JMA 10 21:21:55.8,0.1,37.30N:141.55E,h51km,2km,M3.9 JMA Feit Ji Ji. IDC 10 21:21:56.9,2.6,37.14N:141.64E,h60km,25km,mb3.3/8, mb1 3.6/12, mb1mx3.4/37, mbtmp3.7/12, ML3.6/3, Error ellipse: s-maj=20.1km s-min=13.1km az=77.0

ISC 10 21:21:55.1,1.7,37.26N:0.05:141.68E:0.10,h41km,16km, n31,+117/39,mb3.6/8,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMM Marumori, etc.

IDC 10 21:52:32.1,4.5,1.67N:93.48E,h0km,mb3.5/4,h50 3.6/4, mb1mx3.2/65, mbtmp3.5/4, Error ellipse: s-maj=162.3km s-min=30.0km az=58.0, Off west coast of northern Sumatara

WRA Warramunga Arr 45.46 120 Op P 22 00 53.1 -0.3 MKAR Makanchi Array 45.99 349 P P 22 00 56.7 -0.5 SONM Sogino Array 47.33 12 P P 22 01 08.4 +0.6 ZALV Zalesovo Beam 52.95 354 P P 22 01 47.2 -0.3

ISC 10 21:55:32.5,1.1,39.24N:35.33E,h0km,138km,ML4.2 NEIC 10 21:55:48.2,0.0,39.42N:35.31E,h5km,ML4.3(15K), After ISK. IDC 10 21:55:48.1,1.0,39.47N:35.17E,h0km,mb3.8/8, Mb1 3.8/15, mb1mx3.6/50, mbtmp3.6/15, ML3.5/7, MS4.3/1, Ms1 4.3/1, mb1mx3.2/58, Error ellipse: s-maj=18.5km s-min=8.4km az=171.0

DDA 10 21:55:48.0,39.38N:35.27E,h7km,ML4.2 ISK 10 21:55:48.1,39.42N:35.32E,h4km,ML3.9 CSEM 10 21:55:49.0,0.1,39.41N:35.27E,h2km,ML3.9, Error ellipse: s-maj=2.9km s-min=2.3km az=26.0

ISC 10 21:55:49.5,0.9,39.40N:0.02:35.30E:0.02,h8km,7km, n210,+1962/71,mb3.8/8,35C-13D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, etc.

ISCJB 10 21:52:05.3,0.7,20.17S:0.04:69.3W:0.1, h104km,6km, mb3.4/2, Error ellipse: s-maj=16.1km s-min=6.1km

GUC 10 21:52:06.0,0.5,20.18S:69.26W,h90km,3km,ML4.0 IDC 10 21:52:19.1,7.4,19.23S:68.47W,h184km,48km,mb3.1/2, mb1 3.3/3, mb1mx3.0/24, mbtmp3.5/3, Error ellipse: s-maj=87.3km s-min=49.0km az=26.0

ISC 10 21:52:05.4,1.0,20.15S:0.04:69.21W:0.10,h98km,7km, n11,+1948/20, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB08 IPOC Station P, PB01 IPOC Station P, PB02 Pisagua, etc.

ISCJB 10 21:54.0,0.8,37.27N:0.04:141.70E:0.0, h50km,8km, mb3.6/8, Error ellipse: s-maj=10.5km s-min=5.4km az=21.3

JMA 10 21:21:55.8,0.1,37.30N:141.55E,h51km,2km,M3.9 JMA Feit Ji Ji. IDC 10 21:21:56.9,2.6,37.14N:141.64E,h60km,25km,mb3.3/8, mb1 3.6/12, mb1mx3.4/37, mbtmp3.7/12, ML3.6/3, Error ellipse: s-maj=20.1km s-min=13.1km az=77.0

ISC 10 21:21:55.1,1.7,37.26N:0.05:141.68E:0.10,h41km,16km, n31,+117/39,mb3.6/8,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like J0D2, BSO1, JIZS, etc.

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

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

IDC 10 22:55:20.9, 1.5, 36.07N, 27.25E, h0km, mb3.4/3, mb1 3.2/4, mb1mx3.1/31, mbtmp3.2/4, ML2.3/1, Error ellipse: s-maj=520.9km s-min=20.7km az=143.0

ISCJB 10 22:57:36.0, 0.1, 38.71N, 02:27:32E, 0.04, h7km, 5km, Error ellipse: s-maj=5.0km s-min=3.4km az=21.4

IDC 10 23:10:44.1, 1.5, 1.15N, 97:06E, h0km, mb3.9/m, mb1 3.9/9, mb1mx3.7/44, mbtmp3.9/9, ML4.1/1, MS3.8/1, M1 3.8/1, ms1mx3.1/39, Error ellipse: s-maj=47.2km s-min=20.2km az=55.0

ISCJ 10 22:55:22.1, 36.07N, 27.20E, h8km, ML3.6, Error ellipse: s-maj=4.7km s-min=3.0km az=137.2

ISCJB 10 22:57:36.0, 0.1, 38.71N, 02:27:32E, 0.04, h7km, 5km, Error ellipse: s-maj=5.0km s-min=3.4km az=21.4

ISCJ 10 23:10:50.0, 0.0, 1.27N, 0:04:97.29E, 0.05, h50km, 5km, mb3.9/11, MS3.8/1, Error ellipse: s-maj=9.6km s-min=4.3km az=149.6

ATH 10 22:55:22.6, 36.05N, 27.25E, h28km, 1km, ML3.2/5, Error ellipse: s-maj=2.5km s-min=0.9km az=108.0

ISCJB 10 22:57:36.0, 0.1, 38.71N, 02:27:32E, 0.04, h7km, 5km, Error ellipse: s-maj=5.0km s-min=3.4km az=21.4

NEIC 10 23:10:50.4, 1.5, 1.29N, 97:25E, h38km, 11km, mb4.1/3, Error ellipse: s-maj=20.3km s-min=10.2km az=61.0

CSEM 10 22:55:23.0, 0.1, 36.05N, 27.19E, h5km, MD3.1, Error ellipse: s-maj=2.0km s-min=2.0km az=143.0

ISCJB 10 22:57:36.0, 0.1, 38.71N, 02:27:32E, 0.04, h7km, 5km, Error ellipse: s-maj=5.0km s-min=3.4km az=21.4

DJA 10 23:10:50.2, 0.5, 1.1N, 2:9.7E, h29km, 4km, MA0/11, ML4.0/11

DDA 10 22:55:22.9, 36.67N, 27.65E, h6km, MD3.0, Error ellipse: s-maj=1.1km s-min=0.3km az=102.0

ISCJB 10 22:57:36.0, 0.1, 38.71N, 02:27:32E, 0.04, h7km, 5km, Error ellipse: s-maj=5.0km s-min=3.4km az=21.4

ISC 10 23:10:50.8, 1.1, 1.27N, 0:05:97.27E, 0.06, h42km, 11km, n41, c083/44, mb4.1/11, Northern Sumatera

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H0S2, H0S3, H0S1, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Ouri, Ofunato, Ichinoseki, Okura, Marumori, Ohasama, Kawasumi, Kaneyama, Rokugo, Shirataki, Otama, Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like WAKE ISLAND HY, WAKE ISLAND HY, WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like FITZ, FITZ, WRA, WRA, ASAR, ASAR, NWAO, MKAR, ARU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like DZM, UTA, CRZ, PMG, STKA, ASAR, ASAR, WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like MKAR, MKAR, BVAR, BVAR, ARU, ARU, ARCES, ARCES, FINES, FINES, AKOMA, AKOMA, SRAS, SRAS, BRTR, BRTR, BUOVA, BUOVA, CLL, CLL, DPC, DPC, DOPR, DOPR, PVCC, PVCC, VOIR, VOIR, PRU, PRU, GOC, GOC, ARR, ARR, TREC, TREC, LOT, LOT, KHC, KHC, GERES, GERES, HERR, HERR, CONA, CONA, MOA, MOA, ABTA, ABTA, TORD, TORD, TORD, TORD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SFC, SFC, THN, THN, MNAS, MNAS, AAK, AAK, AAK, AAK, AAK, AAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like FITZ, FITZ, WRA, WRA, ASAR, ASAR, NWAO, MKAR, ARU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SOEI, SOEI, SOEI, SOEI, SOEI, SOEI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SANI, SANI, BKSI, BKSI, BKSI, BKSI, WBSI, WBSI, WBSI, WBSI, KAPI, KAPI, KAPI, KAPI, KAPI, KAPI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like WRA, WRA, WRA, WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like STKA, STKA, STKA, STKA, STKA, STKA, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like FINES, LPSR, VSR, SUMG, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like VYHS, CLL, CLL, CLL, etc.

NIED 11 01:33:00, 36.70N, 142.10E, h20km, Mw4.2 Best double couple: M2:10000.0, 10.15 NP1:95.00000, 3.14.00000, 7.81.00000, NP2:95.20000, 8.77.00000, 1.92.00000

IDC 11 01:33:40.0, 36.63N, 141.95E, h0km, mb3.9/19, mb1.4, 0.21, mb1mx4, 0.29, mbtmp3.9/21, ML3.9/2, MS3.4/7, MS1.3/4/7, ms1mx3, 1.5/3, Error ellipse: s-maj=18.7km s-min=16.5km az=107.0

ISCJB 11 01:33:36.0, 1.4, 36.66N, 142.03E, h24km, Mw4.3, h25km, 1.0km, mb4.2/35, MS3.8/2, Error ellipse: s-maj=5.6km s-min=4.6km az=13.4

JMA 11 01:33:36.1, 0.2, 36.68N, 142.07E, h27km, Mw4.3, mb1.4, 0.21, mb1mx4, 0.29, mbtmp3.9/21, ML3.9/2, MS3.4/7, MS1.3/4/7, ms1mx3, 1.5/3, Error ellipse: s-maj=8.1km s-min=6.1km az=121.0

NEIC 11 01:33:39.6, 0.8, 36.64N, 142.02E, h36km, Mw4.7/17, Error ellipse: s-maj=8.1km s-min=6.1km az=121.0

ISC 11 01:33:38.0, 3.8, 36.65N, 142.00E, h24km, Mw4.3, n91, 1947/96, mb4.3/35, Off east coast of Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like ONAJ, JFK, JHO, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like YOJ, YULB, YAK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ZALV, OGRRR, SONMG, SONM, ULN, MKAR, MKAR, MKAR, KURK, KURK, KURB, KURB, HIA, HIA, AAK, AAK, TIXI.

IDC 11 01:45:15.0t.1.6, 20.445s, 174.18W, h0km, mb3.9/6, mb1.4/2.7, mb1mx3.9/30, mbtmp3.9/7, ML4.4/1, MS3.6/3, Ms1.3.6/3, ms1mx3.1/28, Error ellipse: s-maj=9.0, s-min=22.9km, az=146.0

ISCJB 11 01:45:18.1t.0.4, 20.675s, 174.3W, 0.1, h33km, mb4.6/21, Error ellipse: s-maj=18.0km, s-min=9.3km, az=44.0

NEIC 11 01:45:19.9t.0.3, 20.675s, 174.20W, h35km, mb4.8/15, Error ellipse: s-maj=14.3km, s-min=7.1km, az=137.0

ISC 11 01:45:18.5t.0.6, 20.205s, 174.0W, 0.1, h27km, n49, r1534/17, mb4.7/21, 20, Tonga Islands

Main table for the first section, listing station codes, names, and various parameters. Includes stations like AFI, AFJ, MXZ, OUZ, DZM, SNZO, KHZ, LBZ, HNR, COEN, POHA, ASO1, AS31, ASAR, ASAR, WB2, WR1, WRA, WRA, MBWA, GSPA, ATKA, CHGN, NV01, NVAR, NV11, B203, HLID, PD31, PDAR, ILAR, ILB, YKA, YKBS, PLAL, MK32, MKAR, KURK, KURB, BVAR, ARAO, ARCES, AKASG, AKAB, DPC, BR101, BRTR, KHC, KHC, GERES.

IDC 11 01:51:54.2t.32.0, 9.28N, 93.74E, h25km, 7km, mb3.3/4, mb3.3/4, mb1mx3.052, mbtmp3.4/4, Error ellipse: s-maj=59.2km, s-min=85.5km, az=177.0, Nicobar Islands region

Table for the second section, listing station codes, names, and various parameters. Includes stations like MKAR, MKAR, MKAR, MKAR, MOIG, MOIG, ZALV, ZALV.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ZALV, BVAR.

IDC 11 02:04:15.8t.1.7, 20.111s, 177.53W, h479km, 18km, mb3.6/14, mb1.3.9/17, mb1mx3.7/39, mbtmp4.6/17, Error ellipse: s-maj=17.0km, s-min=11.8km, az=135.0

ISCJB 11 02:04:16.8t.0.5, 20.235s, 177.67W, 0.10, h500km, mb3.9/16, Error ellipse: s-maj=13.5km, s-min=10.3km, az=39.4

ISC 11 02:04:16.5t.0.5, 20.095s, 177.475W, 0.09, h500km, n50, r214/57, mb3.9/16, 10, Fiji Islands region

Main table for the second section, listing station codes, names, and various parameters. Includes stations like AFI, AFJ, DZM, URZ, URZ, RPZ, CTA, STKA, ASAR, ASAR, ASAR, WRA, WRA, VWA, VWA, NWA0, MJAR, MJAR, USRK, USRK, NVAR, NVAR, KLR, SEY, TXAR, ILAR, ILAR, PDAR, VNA3, VNA3, VNA2, CMAR, MKAR, MKAR, KURB, BVAR, ARCES, FINES, AKASG, BRTR, BRTR, CRVS, CRVS, CLL, OKC, DPC, DPC, BRG, LANS, PVCC, KECS, KECS, PRU, GOPC, VYHS, NKC, NKC, TREC, KHC, KHC, GERES, GERES.

WEL 11 02:16:30.2, 43°S, 172°E, h10km, 1km, ML3.5/3, South Island

Main table for the third section, listing station codes, names, and various parameters. Includes stations like CRLZ, CRLZ, MOZ, MOZ, MYKA, ABTA, TORD, TORD, WEL, WEL, CRLZ, CRLZ, MOZ, MOZ, MYKA, ABTA, TORD, TORD, WEL, WEL, CRLZ, CRLZ, MOZ, MOZ, MYKA, ABTA, TORD, TORD.

MEX 11 02:30:59.2t.0.9, 19.08N, 103.58W, h5km, MD3.8, Jalisco

Table for the fourth section, listing station codes, names, and various parameters. Includes stations like R15V, R15V, EZSV, EZSV, MMIG, MMIG, CJM, CJM, SFJM, SFJM, PUYA, PUYA, MOIG, MOIG, ZALV, ZALV, ZALV, ZALV.

IDC 11 03:14:52.1, 38°92N, 43°65E, h8km, MD2.6, CSEM 11 03:14:53.0t.0.2, 38.96N, 43.60E, h15km, MD2.5, Error ellipse: s-maj=5.5km, s-min=4.8km, az=98.0

Table for the fifth section, listing station codes, names, and various parameters. Includes stations like USHA, USHA, LPZD, LPZD, YKA, YKA, SONM, SONM, ILAR, ILAR.

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

IDC 11 02:34:14.1t.1.2, 56.80S, 24.88W, h0km, mb4.1/2, mb1.4/1.3, mb1mx3.8/21, mbtmp3.9/23, ML3.4/1, Error ellipse: s-maj=55.5km, s-min=34.5km, az=43.0, South Sandwich Islands region

Table for the sixth section, listing station codes, names, and various parameters. Includes stations like SNAA, LPAZ, TORD, SONM, ILAR, ILAR.

IDC 11 02:44:59.3t.1.3, 36.20N, 143.67E, h0km, mb3.5/2, mb1.3.7/5, mb1mx3.3/43, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=48.9km, s-min=31.5km, az=83.0

ISCJB 11 02:45:02.0t.0.9, 36.30N, 143.43E, 0.1, h35km, mb3.6/2, Error ellipse: s-maj=9.2km, s-min=6.6km, az=178.5

JMA 11 02:45:04.1t.0.3, 36.30N, 143.33E, h70km, M3.2

ISC 11 02:45:03.9t.1.5, 36.29N, 143.42E, 0.1, h35km, n20, r1948/19, Off east coast of Honshu

Main table for the seventh section, listing station codes, names, and various parameters. Includes stations like JHO, JHO, BSO1, JFT, JMK, KANEYAMA, JYK, JOM, JOM, JRY, JRY, MJAR, MJAR, MAT, MAT, JAT, JAT, JHU, ASAJ, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S2, H1S2, WRA, ASAR.

KRSC 11 02:48:55.7t.1.6, 51.25N, 161.09E, h47km, 31km, ML3.7, Off east coast of Kamalut Peninsula

Main table for the eighth section, listing station codes, names, and various parameters. Includes stations like KDTR, KDTR, SPN, RUS, RUS, MTRV, MTRV, NLC, ASAK, ASAK, DALK, DALK, UGLR, KRMR, KRMR, SDLR, SMAR, AVH, AVH, KRX, GNL, TUMR, KMNr, KBTR.

IDC 11 02:46:43.8t.10.0, 35.90S, 95.24W, h0km, mb3.6/4, mb1.0/5.4, mb1mx3.8/26, mbtmp3.6/4, MS3.4/6, Ms1.3.4/6, s-min=47.5km, az=7.0, West Chile Rise

Main table for the ninth section, listing station codes, names, and various parameters. Includes stations like PLCA, NNA, LPAZ, LPAZ, ATAH, CPUP, PTGA, TXAR, NVAR, PDAR, MKAR, YKA.

IDC 11 03:10:06.7t.0.2, 57.53S, 25.30W, h0km, mb3.7/2, mb1.3.9/2, mb1mx3.6/23, mbtmp3.7/2, MS4.3/1, Ms1.4.3/1, s-min=45.0km, az=1.0, South Sandwich Islands region

Main table for the tenth section, listing station codes, names, and various parameters. Includes stations like USHA, USHA, LPZD, LPZD, YKA, YKA, SONM, SONM, ILAR, ILAR.

ISC 11 03:14:53.1-0.9,38.34N-0'03.43'60E:0'03.h13km,5km, n19,c047/29, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VMUR Van-Muradiye, ERVOC ERGIS-VAN, etc.

PEA0B Petropavlovsk-167nm,1.6s 70.92 353 eP P 03 40 33.7 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, PE1A Petropavlovsk, etc.

MOTA Moosalm 144.96 333 i PKPpdf PKPdf 03 48 51.0 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPW Lampeter, STRD Stroud, etc.

IDC 11 03:29:40.5-1.6,17:38S:168:75E,h222km,14km, mb4.1/23,mb1.4/25,mb1mmx4.2/34,mbtmp.6/25, Error ellipse: s-maj=12.5km s-min=10.6km az=87.0

BJJ 11 03:29:40.2,17:04S:168:51E,h217km,mb4.7/29, mb4.9/16

ISCJB 11 03:29:42.0-2.0,17:47S:0'03.168:58E:0'05.h250km, mb4.6/79, Error ellipse: s-maj=6.0km s-min=4.7km az=13.2

NEIC 11 03:29:42.7-0.6,17:44S:168:64E,h242km,5km,mb4.7/52, Error ellipse: s-maj=5.9km s-min=5.0km az=111.0

ISC 11 03:29:42.0-0.4,17:47S:0'05.168:68E:0'08.h250km, n154,s133/163,mb4.6/78,1C,Vanatu Islands

Main table listing stations and their parameters. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, etc.

HHC comp=Z,13nm,1.0s 75.23 321 P Pmax 03 41 07.0 +1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HHC, CD2 Chengdu, YAK Yakutsk, etc.

MEX 11 03:31:50.4-0.3,14:66N-92:89W,h10km,27km,MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG Daves/Dischmat, TGIG, etc.

IDC 11 03:34:05.1-0.8,2:32N-93:05E,h0km,mb4.0/13, mb1.4/15,mb1mx3.8/67,mbtmp.4/0/15,MLJ.0/2,MS3.3/7, Ms1.3/3,7,ms1mx3.0/59, Error ellipse: s-maj=27.8km s-min=20.4km az=60.0

ISCJB 11 03:34:02.0-0.4,2:34N:0'05.93:14E:0'04.h33km, mb4.3/22,MS3.3/5, Error ellipse: s-maj=8.2km s-min=4.6km az=18.5

NEIC 11 03:34:08.4-2.8,2:34N-93:11E,h22km,20km,mb4.9/13, Error ellipse: s-maj=12.2km s-min=6.6km az=222.0

DJA 11 03:34:28.8-1.0,2:16N:6:9'5E,h43km,ML4.3/6, mb4.6/1,MLV4.2/6

ISC 11 03:34:09.7-0.6,2:25N:0'07.93:14E:0'06.h35km,m60, s128/53,mb4.3/22,MS3.2/5, Off west coast of northern Sumatra

Main table listing stations and their parameters. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNSI Sinabang, GSI Gunungsitoli, etc.

Table with columns: TOA1, LTX, TXAR, Torodi Ar. Sit, 90.30 211 eP, 144.71 26 ePKPdf, 144.71 26 PKP, P, PKPdf, PKPdf, 03 47 12.4 +1.8, 03 53 43.7 0.0, 03 53 43.7 0.0

ISK 11 03:41:48.1, 38.840N, 43.58E, h7km, MD2.6
DDA 11 03:41:48.6, 38.800N, 43.65E, h7km, MD2.6
ISCJB 11 03:41:49.0, 38.840N, 03:43:62E, 0.07, h10km, 7km,
Error ellipse: s-maj=9.8km s-min=5.4km az=13.4
CSEM 11 03:41:49.2, 0.2, 38.86N, 43.61E, h10km, MD2.6, Error
ellipse: s-maj=6.9km s-min=4.8km az=107.0
ISC 11 03:41:49.1, 1.0, 38.83N, 03:43:63E, 0.04, h14km, 8km,
n18, c059/27, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like VMUR Van-Muradiye, ERVCY ERGIS-VAN, VANB Van, etc.

IDC 11 03:44:07.6, 1.4, 39.15N, 29.12E, h0km, mb3.3/2,
mb1 3.3/5, mb1mx3.1/42, mbtm3.3/5, ML3.2/3, Error
ellipse: s-maj=25.5km s-min=23.1km az=15.0
DDA 11 03:44:08.5, 39.12N, 29.14E, h21km, ML3.7
ISC 11 03:44:08.0, 39.11N, 29.12E, h5km, ML3.8
CSEM 11 03:44:10.1, 0.1, 39.12N, 29.12E, h10km, ML3.8, Error
ellipse: s-maj=3.6km s-min=2.7km az=68.0
SOF 11 03:44:16.2, 39.73N, 28.55E, h2km, MD2.8
ISC 11 03:44:08.7, 1.1, 39.15N, 02:29.08E, 0.02, h6km, 9km,
n194, c08/27, 14, 16C-18D, Turkey

Large table listing stations from DST Dursunbey to GLHS Gihisar (BURDU), including station names, coordinates, and phase IDs.

Large table listing stations from GCAM G?zelcaml? to JWC Koyu, including station names, coordinates, and phase IDs.

NIED 11 03:54:00, 35.30N, 137.00E, h320km, Mw4.1 Best
double couple: M1: 75000*1015 N1: 243,00000*,
0.1,00000*, 172,00000*. NP2: 149,00000*,
832,00000*, 30,000000*

ISCJB 11 03:54:33.4, 0.4, 35.35N, 137.00E, h300km, 1km, M3.9
h305km, 3km, mb3.4/11, Error ellipse: s-maj=10.06
s-min=7.5km az=147.7

JMA 11 03:54:34.1, 0.1, 35.32N, 137.00E, h300km, 1km, M3.9
IDC 11 03:54:34.2, 0.6, 35.26N, 137.04E, h301km, 5km, mb3.2/11,
mb1 3.4/14, mb1mx3.2/45, mbtm3.8/14, Error ellipse:
s-maj=14.1km s-min=11.7km az=122.0

ISC 11 03:54:34.0, 0.1, 35.32N, 137.00E, h299km, 5km,
n32, c081/39, mb3.4/11, 9D, Eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like JAO Obara, JIE Ise, JKG Kaga, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like JRY Kozaga, JWC Kozaga, JAI Aoi, etc.

UCR 11 04:05:20.6, 1.1, 12.27N, 87.34W, h66km, 9km, MD3.5,
ML3.6, 2C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like CRIN San Cristobal, COPN Copalpete, COSGN Cosiguina Voic, etc.

NEIC 11 04:09:52.0, 2.0, 40.43N, 124.35W, h27km,
ML3.2(NECDC), After NECDC.

NEIC Felt at Eureka, Femdale, Fortuna and Loleta.
IDC 11 04:09:56.2, 3.9, 40.95N, 123.23W, h0km, mb2.6/1,
mb1 3.2/4, mb1mx3.0/61, mbtm3.2/4, ML3.2/3, Error
ellipse: s-maj=53.2km s-min=23.6km az=73.0

ISC 11 04:09:51.5, 1.4, 40.40N, 03:124:36W, 0.06,
h28km, 11km, n58, c19/20/75, Near coast of northern
California

Table with columns: Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s ISC. Includes stations like JCC Jacoby Creek, JCC Herd Peak, KMRM Hill Ridge, etc.

M02C Callahan
buz=230, SNR=26

M02M Thompson Ridge
buz=230, SNR=26

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

M03D Paynes Creek
buz=275, SNR=14

11d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Summer Lake, Tendick Farm, Ben Lomond Mou, Fort Rock, PAHR, CMB, PNTR, YERR, WAKR, HOAA, KVN, NV01, NVAR, NV11, KMOR, MTUW, PD31, PDAR, LTX, TXAR, YKA, YKBS.

IDC 11 04:10:36.3:10.0, 30.92S:179.33W, h219km, m103km, mb3.5/3, mb1 3.7/4, mb1mx3.3/3.5, mbt4.2/4, Error ellipse: s-maj=95.0km s-min=37.5km az=177.0, Kermadec Islands region

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

IDC 11 04:21:32.7:1.7, 2.68N:93.11E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.6/5.4, mbt3.8/8, ML4.2/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/4.0, Error ellipse: s-maj=48.6km s-min=19.3km az=52.0

DJA 11 04:21:51.1:1.0, 3.1N:5.9E, h10km, M4.1/7, MLv4.1/7, ISC 11 04:21:36.4:1.3, 2.69N:10.9371E:0.08, h17km, n16, c205/18, mb3.8/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SNSI, MSLI, MSLI, TPTI, GSI, KCSI, KCSI, PSI, PSI, PSI, PBI, PALK, CMAR, CMAR, MKAR, MKAR, WRA, SONM, ASAR, ASAR, KURBB, ZALV, BRTR.

IDC 11 04:24:23.5:2.7, 37.75N:144.58E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.3/5.3, mbt3.6/4, ML3.6/1, MS2.5/1, Ms1 2.5/1, ms1mx2.1/3.8, Error ellipse: s-maj=71.0km s-min=32.2km az=64.0

JMA 11 04:24:28.7:0.2, 37.96N:144.14E, h44km, M3.9, ISCJB 11 04:24:29.5:1.2, 37.95N:144.08E:0.09, h33km, mb3.6/3, Error ellipse: s-maj=10.7km s-min=8.3km az=166.5

ISC 11 04:24:29.5:1.6, 37.91N:144.22E:0.1, h35km, n16, c194/25, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OFUJ, OFUJ, JIO, JIO, MIYJ, JMK, JOM, JOM, JFT, JYK, JYK, JANG, JOT, JOT, JRY, JRY, MJAR, MAT, MAT, KSRs, MKAR, KURBB, WRA.

NNC 11 04:26:44.1:1.4, 43.36N:78.18E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=51.2km s-min=6.4km az=173.0, SOME 11 04:26:45.6, 43.23N:78.23E, h5km, KRNET 11 04:26:46.0, 43.23N:78.28E, h35km, mb2.6, KNET 11 04:26:48.9, 43.21N:77.84E, h0km, ml2, Error ellipse: s-maj=13.6km s-min=8.2km az=158.0

ISC 11 04:26:43.9:0.9, 43.23N:102.72E:0.02, h14km, n43, c090/74, 38C-24D, Lake Issyk-Kul region

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

2012 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ZHN, SATY, SATY, KURS, KURS, UZB, PRZ, PRZ, KOTS, KOTS, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, ARXS, ARXS, CHKK, CHKK, MTBS, MTBS, KUU, KUU, KTMES, KTMES, DJR, DJR, KST, KST, ULHL, ULHL, ULHL, ULHL, TDK, TDK, DGS, DGS, BOOM, BOOM, BMNS, BMNS, TKM2, TKM2, TKM2, TKM2, KAPS, KAPS, NRN, NRN, NRN, NRN, KBK, KBK, KZA, KZA, CHMS, CHMS, CHMS, CHMS, USP, USP, USP, USP, AAK, AAK, AAK, AAK, UCH, UCH, UCH, UCH, MNAS, MNAS, MK31, MK31, KKS1, KKS1.

IDC 11 04:35:12.3:2.9, 40.12N:143.03E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.3/5.3, mbt3.6/4, ML3.2/1, Error ellipse: s-maj=76.4km s-min=29.8km az=72.0, ISCJB 11 04:35:21.0:1.2, 39.88N:104.142:2E:0.1, h53km, g6km, mb3.4/3, Error ellipse: s-maj=17.6km s-min=6.7km az=174.5, JMA 11 04:35:22.0:1.1, 39.88N:142.16E, h47km, 1km, M3.4, JMA Felt J1.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JTH, JTH, MIYJ, MIYJ, MIYJ, JANG, JANG, JOM, JOM, OFUJ, OFUJ, JMK, JMK, JTM, JTM, JTM, JTM, JRG, JRG, MJAR, MJAR, H1N2, H1N1, H1N3, ZALV, MKAR, WRA.

IDC 11 04:38:24.5:1.9, 30.25N:138.70E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/4.7, mbt3.5/4, ML3.1/1, MS3.4/4, Ms1 3.4/4, ms1mx2.9/4.0, Error ellipse: s-maj=69.7km s-min=24.7km az=81.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MJAR, KSRs, H1S3, H1S1, H1S2, SONM, YAK, CMAR, MKAR, WRA, STKA, VAE.

ISCJB 11 04:39:02.3:1.0, 37.80S:106.70E:0.07, h10km, mb3.7/1, Error ellipse: s-maj=8.9km s-min=8.0km az=9.8, SJA 11 04:39:03.0:0.4, 37.81S:70.85W, h24km, 3km, ML3.2, MW3.2, NEIC 11 04:39:05.7:1.0, 37.61S:70.57W, h162km, 36km, mb3.7/1, MD3.2(SJA), Error ellipse: s-maj=41.0km s-min=13.2km az=55.0

NEIC 11 04:39:02.0:0.9, 37.76S:104.70E:0.05, h10km, n10, c221/16, Southern Argentina

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CANA, CANA, CANA, CCHI, COCH, COCH, GO05, GO05, PLCA, PLCA, PLCA, PLCA, ROCC, TRQA, TRQA, LPAZ.

ISCJB 11 04:40:14.1:1.2, 13.25S:167.0E:0.2, h180km, mb3.8/6, Error ellipse: s-maj=31.5km s-min=17.4km az=9.2, IDC 11 04:40:14.0:1.2, 13.21S:167.14E, h177km, 20km, mb3.6/6, mb1 3.8/7, mb1mx3.4/3.6, mbt3.6/4.7, Error ellipse: s-maj=37.4km s-min=19.1km az=130.0, ISC 11 04:40:14.0:0.9, 13.25S:167.2E:0.2, h180km, n12, c055/16, mb3.9/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DZM, STKA, WRA, WRA, ASAR, ASAR, SONM, ILAR, MKAR, ARCES, FINES, KEST, ESCD, TORD.

IDC 11 05:00:46.0:0.8, 13.03N:124.24E, h0km, mb4.0/10, mb1 4.1/11, mb1mx3.9/4.1, mbt3.4/0.1, ML4.8/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/4.7, Error ellipse: s-maj=27.7km s-min=17.1km az=73.0, MAN 11 05:00:48, 13.17N:124.11E, h5km, mb5.0, ML3.9, MS4.0, ISCJB 11 05:00:49.0:0.6, 13.24N:103.124:15E:0.04, h26km, 4km, mb4.0/16, MS2.6/1, Error ellipse: s-maj=6.7km s-min=4.0km az=161.2

NEIC 11 05:00:52.8;1.0, 13.00N;124.11E, h49km, 99km, mb4.5/6, Error ellipse: s-maj=11.2km s-min=5.5km az=69.0

NEIC Felt (IV PWS) at Sorongon, (III PIVS) at Juban and (II PIVS) at Legaspi City, Luzon. Also felt (II PIVS) at Bato, Viga and Virac, Catanduanes.

ISC 11 05:00:49.3;1.0, 13.17N;102.03;124.18E;0.04, h17km, 7km, n57, r1450, mb3.1/16, 4C-3D, Luzon

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

NIED 11 05:29:00.36;90N;140.70E, h5km, Mw3.6 Best double couple: M3.050000;1014 NP1.0;15.00000; 836.00000, 1.59.000000. NP2.0;159.00000; 860.00000, 1.110.00000

ISCJB 11 05:29:44.0;7.3, 36.86N;140.83E;0.06, h19km, 4km, mb3.8/7, Error ellipse: s-maj=8.6km s-min=4.5km az=22.0

JMA 11 05:29:44.0;7.3, 36.89N;140.68E; h8km, 1km, M3.7. Broadband fault plane solution: P waves: NP1: 6.355.00000; 350.00000; 1-100.00000. NP2: 6.819.00000; 841.00000; 1-78.00000. Principal axes: T P1g4.0000; Azm92.0000; N P1g8.0000; Azm1.0000; P P1g81.0000; Azm210.0000;

JMA Felt II.1. ISC 11 05:29:43.6;1.0, 36.38N;103.140;74E;0.06, h14km, 7km, n25, r0569, mb3.9/7, 6C-1D, Near east coast of eastern Honshu

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

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

IDC 11 05:46:26.1;2.7, 2.58N;93.01E, h0km, mb3.5/3, mb1.3/8/4, mb1mx3.4/3/4, mbtmp3.6/4, ML4.5/1, MS3.2/2, Ms1.3/2/2, ms1mx2.7/3/9, Error ellipse: s-maj=68.8km s-min=27.9km az=54.0, Off west coast of northern Sumatra

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

NIED 11 06:00:00.44;10N;141.70E, h5km, Mw4.0 Best double couple: M1.150000;1015 NP1.0;220.00000; 841.00000, 1.153.00000. NP2.0;331.00000; 873.00000; 1.52.00000

IDC 11 06:00:48.1;1.4, 44.28N;141.55E, h0km, mb3.5/4, mb1.3/7/5, mb1mx3.3/5/2, mbtmp3.5/5, ML3.2/1, MS3.0/3, Ms1.3/0/3, ms1mx2.7/2/9, Error ellipse: s-maj=30.7km s-min=9.6km az=9.0

ISCJB 11 06:00:50.7;0.5, 44.09N;141.68E;0.09, h33km, mb3.4/4, Error ellipse: s-maj=9.8km s-min=5.8km az=17.0

JMA Felt III.1.1. ISC 11 06:00:51.9;0.9, 44.12N;141.73E;0.06, h35km, n15, r1998/15, mb3.4/4, 2C-1D, Hokkaido region

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

IDC 11 06:06:16.5;1.1, 27.70N;54.67E, h41km, 99km, ML4.1 ISC 11 06:06:23.7;0.6, 28.61N;54.22E, h0km, mb4.2/2/4, mb1.4/3/2, mb1mx4.2/4/3, mbtmp4.2/2/8, ML3.9/4, MS3.3/8, Ms1.3/3/8, ms1mx3.0/4/8, Error ellipse: s-maj=14.9km s-min=12.9km az=170.0

TEH 11 06:06:25.8;28.59N;54.16E, h23km, ML4.1 ISCJB 11 06:06:26.5;0.2, 28.69N;54.02;54.17E;0.03, h24km, mb4.3/4/5, MS3.5/6, Error ellipse: s-maj=3.6km s-min=2.7km az=153.9

THR 11 06:06:27.3;0.6, 28.71N;54.30E, h23km, 10km, ML4.2 MOS 11 06:06:27.4;1.1, 28.67N;54.18E, h37km, mb4.5/30, Error ellipse: s-maj=9.4km s-min=5.9km az=97.2

NEIC 11 06:06:27.3;0.0, 28.71N;54.30E, h23km, mb4.5/1/4, ML4.1 (THR), MN4.1 (TEH), After THR. CSEM 11 06:06:27.8;0.1, 28.68N;54.16E, h20km, mb4.5/25, Error ellipse: s-maj=5.7km s-min=3.7km az=53.0

DSN 11 06:06:28.9;2.4, 28.61N;54.25E, h15km, ML4.1/0, Error ellipse: s-maj=36.1km s-min=14.1km az=33.0 ISC 11 06:06:28.0;0.4, 28.65N;54.04;54.19E;0.03, h24km, n258, r1956/27, mb4.5/4/5, MS3.5/6, 7C-4D, Southern Iran

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

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARTV, ZEI, DAMY, NEY, KIV, KKAR, SFK, BR10, BR21, BR23, ANN, KSH, AB31, ABKAR, AAK, AKTO, VSR, IDI, LPSR, BRVK, BVAO, MAZK, MAK2, MAK1, KURKB, KURK, AKASG, AKBB, AKBB, KIEV, KIEV, OBN, OBN, OBN, BUR08, BUR09, WMQ, DGZ, KLMR, KLMR, ZALV.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV, ZAA1, KLRN, MOA, GERES, KHC, KHC, KHC, FIAO, FIAO, FIAO, FINES, FINES, FETA, GTA, GTA, GTA, DAVA, DAVA, DAVA, CMAR, LZH, LZH, LZH, NB2, NB20, NOA, KMI, ARAO, ARCES, SONAO, SONAO, SONAO, SONAO, SONAI, SONAI, SONAI, XAN, HHC, HHC, HHC, ES19, ES19, ESDC, BOD, LSZ, TOAO, TAO1, TORD, NJ2, KOWA, YAK, DBIC, DBIC, KIC, TIC, LIC, KS15, KS15, KS15, KSAR, KSAR, KSAR, KSAR, BOS, SEY, SCH, SCH, IMAR, ILAR, ILB, YKA, KDAK, WRI, WRA, WRA, WB2, ASAR, AS31, GUC, COCH, COCH, COCH, CCSP, CCSP, CCHI, CCHI, CCHI, GO05, GO05, LMEL, LMEL, LMEL, LMEL, GUC, COCH, COCH, COCH, CCSP, CCSP, CCHI, CCHI, CCHI, LMEL, LMEL, LMEL, LMEL, PEL.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA, ONAJ, ONAJ, JFK, JFK, JFO, JMM, JMM, JFT, JFT, JIO, JIO, MJAR, MJAR, MJAR, MAT, MAT, H1N2, H1N1, H1N1, H1N1, H1N1, H1S2, MKAR, KURBB, WRA, MEX, MMIG, R15V, R15V, EZSV, EZSV, ZIIG, ZIIG, CJM, CJM, SFJM, SFJM, MOIG, MOIG, ARIG, ARIG, MOS, HVS, ORL, ORL, ORL, MOY, MOY, ARS, ARS, ARS, TLY, TLY, TLY, TLY, ZAK, ZAK, ZAK, IRK, IRK, IRK, DGZ, ZALV, ZALV, OGRN, OGRN, SONM, SONM, MKAR, MKAR, MKAR, BRVK, BRVK, AAK, AAK, ARU, ARU, ARU, PEL, IDC, ISCB, DJA, ISCB.

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

IDC 11 09:38:08.0±1.6, 2.58N, 92.93E, h0km, mb3.5/5, mb1 3.8/8, mb1mx3.5/5, mbtmp3.7/8, ML4.0/3, MS3.2/4, Ms1 3.2/4, ms1mx2.9/42, Error ellipse: s-maj=45.6km s-min=20.6km az=50.0

ISCJB 11 09:38:09.1±0.8, 2.7N±0.1, 93.03E±0.07, h21km, mb3.6/6, MS3.2/2, Error ellipse: s-maj=17.0km s-min=8.8km az=21.9

NEIC 11 09:38:09.1±0.6, 2.69N, 92.94E, h10km, mb4.1/1, Error ellipse: s-maj=13.1km s-min=7.7km az=21.0

ISC 11 09:38:09.6±0.9, 2.7N±0.1, 92.95E±0.06, h21km, n16, c398/20, mb3.5/6, Off west coast of northern Sumatara

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

TAP 11 09:42:50.3, 23.91N, 122.68E, h14km, 1km, ML3.0, h3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYNG, YOJ, EOS1, etc.

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

IDC 11 09:50:19.1±9.8, 14.85S, 177.61W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/3, mbtmp3.7/3, MS2.8/1, Ms1 2.8/1, ms1mx2.6/28, Error ellipse: s-maj=44.3km s-min=34.3km az=140.0, Fiji Islands region

KRNET 11 09:58:16.2±0.1, 43.06N, 76.79E, h21km, mb2.3

SOME 11 09:58:16.4±0.3, 43.03N, 76.80E, h10km

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

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

IDC 11 10:02:42.5±1.1, 29.44N, 101.73E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.3/69, mbtmp3.4/5, ML3.7/4, MS3.2/1, Error ellipse: s-maj=74.1km s-min=19.5km az=60.0, Sichuan

NIED 11 10:07:00.27, 00N, 143.40E, h5km, Mw4.3 Best double couple: M3.29000±0.015 NP1±0.137, 0.00000°, 822.00000°, λ-58.00000°, NP2±0.283, 0.00000°, 872.00000°, λ-102.00000°

IDC 11 10:07:33.8±0.4, 26.80N, 143.78E, h0km, mb4.3/4, mb1 4.5/35, mb1mx4.4/58, mbtmp4.3/35, ML3.7/4, MS3.2/7, Ms1 3.2/7, ms1mx3.0/32, Error ellipse: s-maj=15.3km s-min=10.5km az=78.0

ISCJB 11 10:07:34.2±0.2, 26.85N, 143.77E±0.04, h10km, mb4.6/8, MS3.6/8, Error ellipse: s-maj=5.6km s-min=4.4km az=18.2

NEIC 11 10:07:35.7±0.2, 26.83N, 143.78E, h10km, mb4.6/35, Error ellipse: s-maj=4.8km s-min=4.1km az=60.0

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like NACB Ninganchiao, EHY Hungye, YULB Yu-li, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like CHN4 Tsaushan, JKR5 Kuro-shima, TWK Hsiyung, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like KBKI Kotabaru, MMRI Maumere, SBUM Sibiu, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like BKNK, BKNK, BKNK, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like XAN, MBWA, LZH, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like DZM, STHS, KECS, etc.

CSEM 11 12:15:33.9, 0.3, 37.67N, 103.3470E, h10km, ML2.5, Error ellipse: s-maj=7.5km s-min=6.3km az=125.0

IDC 11 12:43:49.9, 1.7, 2.78N, 93.07E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.5/8, mbtmp3.8/7, ML4.0/2, MS3.1/3, M3.1/3, 3/3, mb1mx2.4/4.9, Error ellipse: s-maj=55.7km s-min=22.6km az=56.0

11d 13h

ISC 11 12:47:06.3:1.7,36.20N:0.04:140.99E:0.06,h26km,13km, n23,c0.91/26,mb3.6/5,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CHOI, JHO, JHT, JYJ, etc.

IDC 11 12:55:49.2:4.0,14.34N:91.17W,h0km,mb3.4/2, mb1.3/8/4,mb1mx3.5/40,mbtmp3.4/4,ML3.7/2, Error ellipse: s-maj=127.0km s-min=43.6km az=30.0

MEX 11 12:55:58.2:0.5,14.10N:92.03W,h15km,128km,MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PCIG, TXAR, NVAR, YKA, CMAR, etc.

IDC 11 12:56:38.5:3.8,58.13S:26.67W,h0km,mb3.7/2, mb1.3/8/2,mb1mx3.6/27,mbtmp3.7/2, Error ellipse: s-maj=165.4km s-min=42.7km az=165.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PLCA, TORD, YKA, ILAR, etc.

IDC 11 13:00:03.0:3.9,17.46S:168.77E,h232km,33km,mb3.6/7, mb1.3/7.8,mb1mx3.3/42,mbtmp4.1/8, Error ellipse: s-maj=36.0km s-min=19.2km az=14.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DZM, CTA, URZ, WRA, ASAR, FITZ, NVAR, etc.

IDC 11 13:03:17.2:8.1,2.73N:63.33E,h0km,mb3.6/2,mb1.3/8/2, mb1mx3.1/46,mbtmp3.6/2, Error ellipse: s-maj=75.4km s-min=45.3km az=39.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like H08N2, H08N3, H08N1, WRA, ASAR, FITZ, NVAR, etc.

IDC 11 13:04:04.2:8.1,0.5371N:1.08E,h0km, Error ellipse: s-maj=426.8km s-min=315.9km az=71.0, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like I43RU, I31KZ, I46RU, etc.

MAN 11 13:04:37.19:08N:121.51E,h64km,mb4.4,ML3.2,MS3.1, Philippine Islands region

2012 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SGCP, APYP, ABRA, CAUP, etc.

MAN 11 13:07:45.17:20N:120.68E,h24km,mb4.3,ML3.1,MS2.9, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ABRA, APYP, BOLP, CAUP, etc.

GUC 11 13:22:03.4:0.6,27.87S:66.61W,h197km,6km,ML4.2 ISCJB 11 13:22:05.7:1.8,27.87S:0.10:66.77W:0.08, h170km,17km, Error ellipse: s-maj=17.4km s-min=9.2km az=153.1

SJA 11 13:22:06.4:0.6,27.94S:66.66W,h171km,9km,ML3.3, MW3.9

ISC 11 13:22:05.2:2.6,27.92S:0.10:66.71W:0.08, h179km,21km,n8,c19:10/16,C,Catamarca Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CYA, VCA, VCA, VCA, etc.

CSEM 11 13:30:42.6:39.41N:16.20E,h8km,MD2.6/17, ROM 11 13:30:42.6:0.2,39.41N:16.20E,h8km,2km,MD2.6/17, MD2.3/17, Error ellipse: s-maj=3.0km s-min=1.6km, az=54.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CET2, SALB, PIPA, T0712, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like T0712, SALB, TIP, PIPA, etc.

IDC 11 13:37:54.2:2.0,19.66S:175.98W,h176km,19km,mb4.1/8, mb1.4/2/1,mb1mx3.8/36,mbtmp4.6/11, Error ellipse: s-maj=18.9km s-min=13.5km az=132.0

NEIC 11 13:37:55.8:1.9,19.70S:175.97W,h192km,18km,mb4.8/3, Error ellipse: s-maj=15.3km s-min=10.6km az=167.0

ISCJB 11 13:37:56.1:0.6,19.63S:0.10:175.86W:0.09,h219km, mb4.2/11, Error ellipse: s-maj=13.9km s-min=11.0km az=158.1

ISC 11 13:37:57.8:0.6,19.66S:0.10:175.77W:0.10,h219km, n25,c19.85/26,mb4.0/11,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AFI, RAO, DZR, etc.

CSEM 11 13:31:40.6:39.39N:16.17E,h8km,ML2.7/27 ROM 11 13:31:40.6:0.2,39.39N:16.17E,h8km,1km,ML2.7/27, Error ellipse: s-maj=1.9km s-min=0.9km az=67.0, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CET2, CET2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YEDI, TNCL, PTNK, SVRC, MAZI, SRMT, ERZN, EKAR, EKOP, KOPT, EDPI, EDNI, BASI, WSI, WBSI, PLAI, FITZ, WRA, WRA, ASAR, ASAR, CMAR, SONM, MKAR, AAK, ZALV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like mb2.8/11, JMA, ISC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JWZ, JKN2, JIE, JOD2, BSQ3, JRY, JHU, MJAR, JNU, KRSR, USRK, KLR, SONM, CMAR, YKA, FINES, AKASA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DJA, IDC, PCJ1, UGM, PWJ, PWR, SMRI, SMRI, TBUI, TBUI, KPUI, IAGI, UWIJ, UWIJ, GRJI, GRJI, GMUJ, GMUJ, BLJI, CISI, CISI, JAGI, JAGI, JCUI, JCUI, BWJI, BWJI, ABJI, ABJI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, STKA, SONM, MKAR, ZALV, SEY.

ISCJB 11 15:24:06.2,0.6,10.4S;0.1x124.1E;0.1,h27km,mb3.8/4, MS3.7/1, Error ellipse: s-maj=23.2km s-min=5.5km

IDC 11 15:24:12.3,7.0,10.56S;124.12E,h70km;29km,mb3.5/4, MS1.1/1,mb1mx3.4/34,mbtmp3.8/7,ML3.8/3,MS3.2/2, MS1.3/2,ms1mx2.8/3,Error ellipse: s-maj=66.3km s-min=37.6km az=42.0

DJA 11 15:24:13.4,1.0,9.5S;7.12E;h48km;12km,ML4.2/7, ML4.2/7

ISC 11 15:24:08.2,0.7,10.41S;0.06;124.10E;0.05,h27km,n15, az=283.22,mb3.9/4, Time region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SOEI, SOEI, MMRI, MMRI, EDPI, EDPI, EDNI, EDNI, BASI, BASI, WSI, WSI, WBSI, WBSI, PLAI, PLAI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, CMAR, CMAR, SONM, SONM, MKAR, MKAR, AAK, AAK, ZALV, ZALV.

IDC 11 16:06:30.1,0.4,31.02N;137.88E,h458km,ML3.6, JMA 11 16:06:29.2,1.0,31.00N;137.9E;0.1,h500km,n23, az=204.24,mb3.1/11, Southeast of Honshu

IDC 11 16:12:06.3,4.2,36.31N;71.37E,h210km;29km,mb3.4/3, mb1.3/4,mb1mx2.9/51,mbtmp4.0/9,Error ellipse: s-maj=46.5km s-min=17.9km az=150.0

ISC 11 16:12:10.2,0.4,36.68N;0.03;71.29E;0.05,h250km, mb3.6/3, Error ellipse: s-maj=6.2km s-min=3.8km az=160.7

NNC 11 16:12:13.2,3.7,36.95N;71.05E,h230km;41km,mb3.0, mp4.3, Error ellipse: s-maj=37.1km s-min=30.5km az=41.0

ISC 11 16:12:10.1,0.6,36.67N;0.05;71.29E;0.06,h250km,n41, az=150.0,mb3.8/3,10C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CEP, CEP, SFK, SFK, THW, THW, THN, THN, AML, AML, MNAS, MNAS, UCH, UCH, KZA, KZA, EKS2, EKS2, AAK, AAK, AAK, AAK, AAK, AAK, KK31, KK31, KBK, KBK, ULHL, ULHL, CHMS, CHMS, TSP, TSP, TKM2, TKM2, PDGK, PDGK, GEYT, GEYT, PYUN, PYUN, KOLN, KOLN, KKN, KKN, DMN, DMN, KURB, KURB, PKIN, PKIN, PKI, PKI, ABUN, ABUN, GJN, GJN, RAMN, RAMN, BVAR, BVAR, TAPN, TAPN, AKTO, AKTO, AKTO, AKTO, ODAN, ODAN, ZALV, ZALV, FINES, FINES, ARCES, ARCES, TORD, TORD.

KRSC 11 16:43:20.4,0.7,55.77N;162.47E,h56km;16km,ML4.2

ISCJB 11 16:43:22.0,3,55.77N;0.02;162.44E;0.04,h47km;4km, mb3.7/14,MS4.0/1, Error ellipse: s-maj=4.5km s-min=3.2km az=35.9

MOS 11 16:43:22.0,0.9,55.80N;162.45E,h44km,mb4.0/8, Error ellipse: s-maj=8.0km s-min=5.1km az=79.4

IDC 11 16:43:23.2,6.4,55.86N;162.48E,h33km;50km,mb3.5/12, mb1.3/7,mb1mx3.5/60,mbtmp3.7/14,ML2.8/3,MS3.1/3, MS1.3/14,ms1mx2.7/51, Error ellipse: s-maj=22.7km s-min=14.9km az=143.0

ISC 11 16:43:22.6,1.1,55.79N;0.03;162.40E;0.03,h30km;8km, n95,+1912/136,mb3.6/14,2C-2D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBTR, KBTR, KBTR, KBTR, KBG, KBG, ZLN, ZLN, ZLN, ZLN, SMKR, SMKR, SMKR, SMKR, CIRR, CIRR, CIRR, CIRR, BDR, BDR, BDR, BDR, BZMR, BZMR, BZMR, BZMR, SRKR, SRKR, KLY, KLY, KLY, KLY, KRSR, KRSR, KRSR, KRSR, KIRR, KIRR, KIRR, KIRR, KMN, KMN, KMN, KMN, KPT, KPT, KPT, KPT, TUMD, TUMD, TUMR, TUMR, TUMR, TUMR, KZV, KZV, KZV, KZV, KOZ, KOZ, KOZ, KOZ, KOZ, KOZ, KRR, KRR, KRR, KRR, AVH, AVH.

NIED 11 15:47:00.3,36.40N;141.00E,h32km,ML3.6 Best double couple: M2,60000;104, N1,16,00000;8,13,00000;1,-93,00000; N2,199,00000;8,77,00000;1,-89,00000

ISCJB 11 15:47:28.4,0.8,36.37N;0.05;141.05E;0.07,h32km, mb3.7/7,MS3.8/1, Error ellipse: s-maj=8.3km s-min=6.6km az=153.3

JMA 11 15:47:29.0,36.35N;140.98E,h39km;1km,ML3.7 JMA Fell II J1

IDC 11 15:47:41.7,1.4,36.02N;139.79E,h103km;13km,mb3.3/7, mb1.3/5,mb1mx3.2/51,mbtmp3.7/8,MS3.4/2,MS1.3/4, ms1mx2.8/18, Error ellipse: s-maj=25.1km s-min=10.7km az=73.0

ISC 11 15:47:29.5,1.0,36.35N;0.04;140.95E;0.06,h32km,n25, +181/120,mb3.7/7,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JHO, JHO, JYT, JYT, CHQJ, CHQJ, ONAJ, ONAJ, JFK, JFK, JSB, JSB, JAG, JAG, IMJAR, IMJAR, MJAR, MJAR, MAT, MAT, MAT, MAT, JHJ, JHJ, JHJ, JHJ, KSR2, KSR2, GUMO, GUMO, SONM, SONM, H1N12, H1N12, H1N11, H1N11, H1N13, H1N13, H1N11, H1N11, H1S2, H1S2, ZALV, ZALV, INUK, INUK, WRA, WRA, ASAR, ASAR.

ISCJB 11 16:06:27.2,0.8,30.95N;0.09;138.10E;0.1,h500km, mb3.2/11, Error ellipse: s-maj=16.2km s-min=10.7km az=25.8

IDC 11 16:06:28.2,1.6,30.80N;137.74E,h482km;17km,

ISCJB 11 16:23:19.6,0.6,8.79S;0.06;110.79E;0.03,h106km;6km, mb3.8/7, Error ellipse: s-maj=10.3km s-min=4.8km az=11.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JMA, ISC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JWZ, JKN2, JIE, JOD2, BSQ3, JRY, JHU, MJAR, JNU, KRSR, USRK, KLR, SONM, CMAR, YKA, FINES, AKASA.

ISCJB 11 16:43:22.0,3,55.77N;0.02;162.44E;0.04,h47km;4km, mb3.7/14,MS4.0/1, Error ellipse: s-maj=4.5km s-min=3.2km az=35.9

MOS 11 16:43:22.0,0.9,55.80N;162.45E,h44km,mb4.0/8, Error ellipse: s-maj=8.0km s-min=5.1km az=79.4

IDC 11 16:43:23.2,6.4,55.86N;162.48E,h33km;50km,mb3.5/12, mb1.3/7,mb1mx3.5/60,mbtmp3.7/14,ML2.8/3,MS3.1/3, MS1.3/14,ms1mx2.7/51, Error ellipse: s-maj=22.7km s-min=14.9km az=143.0

ISC 11 16:43:22.6,1.1,55.79N;0.03;162.40E;0.03,h30km;8km, n95,+1912/136,mb3.6/14,2C-2D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBTR, KBTR, KBTR, KBTR, KBG, KBG, ZLN, ZLN, ZLN, ZLN, SMKR, SMKR, SMKR, SMKR, CIRR, CIRR, CIRR, CIRR, BDR, BDR, BDR, BDR, BZMR, BZMR, BZMR, BZMR, SRKR, SRKR, KLY, KLY, KLY, KLY, KRSR, KRSR, KRSR, KRSR, KIRR, KIRR, KIRR, KIRR, KMN, KMN, KMN, KMN, KPT, KPT, KPT, KPT, TUMD, TUMD, TUMR, TUMR, TUMR, TUMR, KZV, KZV, KZV, KZV, KOZ, KOZ, KOZ, KOZ, KOZ, KOZ, KRR, KRR, KRR, KRR, AVH, AVH.

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

1.3nm,0.9s,baz=273,slow=6.4,SNR=5.3
WRA Warramunga Arr 59.33 190 P P 16 58 59.9 -1.5
YKA Yellowknife Arr 61.29 31 P P 16 59 13.9 -0.4
ASAR Alice Springs 63.05 190 P P 16 59 24.8 -1.8

IDC 11 16:53:16.3;1.3;2.67N;93.14E,h0km,mb3.9/8,
mb1.4,0/11,mb1mx3.7/60,mbtmp3.9/11,ML3.9/3,MS3.3/5,
M1.1,3.4/5,ms1mx3.1/43,Error ellipse:s-maj=36.3km
s-min=17.4km,az=4.0

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

IDC 11 17:04:27.1;5.7;7.84S;129.79E,h0km,mb4.0/1,
mb1.3/7.4,mb1mx3.5/47,mbtmp3.5/4,ML3.3/3,Error
ellipse:s-maj=70.4km s-min=51.5km az=140.0, Banda
Sea

ISN 11 17:07:51.0;1.0;7.36;53N;53.35E,h5km,34km,ML5.0
IDC 11 17:07:57.9;0.5;36.23N;52.80E,h0km,mb4.6/36,
mb1.4/7.47,mb1mx4.6/56,mbtmp4.6/43,ML4.6/36,MS4.1/30,
M1.4/1.30,ms1mx4.0/44,Error ellipse:s-maj=11.2km
s-min=8.9km,az=13.0

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

IDC 11 16:45:51.4;1.2;60.30S;22.79W,h0km,mb4.2/2,
mb1.4,3/2,mb1mx3.7/31,mbtmp4.2/21,Error ellipse:
s-maj=68.6km s-min=38.2km az=61.0, South Sandwich
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Maw, Torod, YKA, INK, ILAR, etc.

NIED 11 16:48:00.39;1.0N;143.20E,h1km,Mw3.7 Best double
couple: Mb4.41000;1014 - NP1.7;72.00000;848.00000
1.119.00000 - NP2.2;212.00000;849.00000;142.00000
JMA 11 16:48:58.7;0.1;39.06N;143.23E,h10km,2km,ML2.0
ISCJB 11 16:48:59.8;1.9;39.07N;143.23E,h10km,2km,ML2.0
h29km,15km,mb3.6/10,Error ellipse:s-maj=8.8km
s-min=6.7km,az=152.0

IDC 11 16:49:02.1;6.3;38.99N;143.34E,h33km,49km,mb3.5/10,
mb1.3/7.12,mb1mx3.5/60,mbtmp3.7/12,ML3.4/2,Error
ellipse:s-maj=26.3km s-min=15.2km az=116.0

IDC 11 16:49:02.7;2.8;39.11N;143.20E,h10km,10km,
n25,c1924/32,mb3.6/10,Off east coast of Honshu

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

IDC 11 16:57:37.6;12.1N;4.42E,h1km,2km,ML3.7
ASO 11 16:57:37.1;2.1;11.78N;0.06;42.2E;0.1,h10km,n10,
c096/13,ETHiopia

ASAO Ashtian 2.89 232 ePp Sg 17 08 48.6 +2.2
ASAO Ashtian 2.89 232 eSg Sg 17 08 48.6 +2.2
ASAO Ashtian 2.89 232 eSg Sg 17 08 48.6 +2.2
MRVT Maraveh tapeh 2.95 63 ePp Sg 17 08 48.4 +1.3
MRVT Maraveh tapeh 2.95 63 ePp Sg 17 08 48.4 +1.3
IKLH Kolahrood 3.19 199 ePp Sg 17 08 52.4 +1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Malaho, Lac de Lave, Soud Choubet, etc.

Table with columns for station call signs (e.g., ARU, KURK), frequencies, and signal strength indicators (e.g., 17 12 39.0, 17 12 38.3 +0.7).

Table with columns for station call signs (e.g., KURK, VYHS), frequencies, and signal strength indicators (e.g., 23.44 44 eP, 17 13 09.0 -0.2).

Table with columns for station call signs (e.g., VYHS, GOA), frequencies, and signal strength indicators (e.g., 27.61 307 eP, 17 13 48.3 +0.9).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDM Murphy Dome, SANI Sanana, COLA College, etc.

CSEM 11 17:11:39.3, 43°35'N, 132°23'E, h7km, MD1, 7/7
ROM 11 17:11:39.3, 0.2, 43°35'N, 132°23'E, h7km, Mdl, 7/7,
MIO, 9/4, Error ellipse: s-maj=3.1km s-min=1.5km
az=55.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CING Cingoli, SNTG Esanatoglia, ARVD Arcevia, etc.

IDC 11 17:03.2, 2.2, 6°31'S, 130°13'E, h0km, mb3.8/1,
mb1 4.0/3, mb1mx3.5/38, mbtmp3.8/3, ML3.9/2, MS3.1/1,
Ms1 3.1/1, ms1mx2.8/28, Error ellipse: s-maj=140.8km
s-min=30.4km az=70.0
ISCJB 11 17:17:18.5, 0.6, 6.97S, 0°04', 129°89'E, 0.07, h200km,
mb3.4/1, Error ellipse: s-maj=10.3km s-min=5.5km
az=168.9
DJA 11 17:17:19.6, 0.4, 7°S, 3°13'E, h186km, 7km, M4, 1/8,
mB4.8/1, mb4.0/5, MLv4.2/8, Mw(mB)4.1/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, MASOI Masohi, etc.

MEX 11 17:29:42.1, 0.4, 16°17'N, 98°07'W, h15km, 2km, MD3.5,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tlapi, VHO Vista Hermosa, etc.

ISCJB 11 17:29:47.8, 0.4, 24°24'S, 0°05', 67°24'W, 0°04', h178km,
Error ellipse: s-maj=8.5km s-min=3.6km az=33.9
SJA 11 17:29:47.4, 0.5, 24°25'S, 67°20'W, h186km, 7km, ML2.4,
MW3.8

GUC 11 17:29:50.8, 0.4, 23°94'S, 67°11'W, h227km, 11km, ML4.1
ISC 11 17:29:48.1, 1.2, 24°24'S, 0°06', 67°21'W, 0.05, h178km, n15,
az=111/26, 5C, Chile-Argentina border region

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

IDC 11 17:47:11.9, 1.4, 2°53'N, 92°83'E, h0km, mb4.0/6, mb1 4.1/9,
mb1mx3.7/48, mbtmp4.0/9, ML3.8/3, MS3.2/1, Ms1 3.2/1,
ms1mx2.5/50, Error ellipse: s-maj=38.5km s-min=20.7km
az=31.0
ISCJB 11 17:47:13.1, 1.1, 2°4N, 0°1', 92°83'E, 0°07', h21km, mb4.0/6,
Error ellipse: s-maj=21.2km s-min=8.2km az=15.5
ISC 11 17:47:15.2, 1.2, 2°5N, 0°2', 92°83'E, 0°09', h21km, n18,
az=180/19, mb4.1/6, Off west coast of northern Sumatra

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

0.2nm, 0.4s, baz=48, slow=0.4, SNR=4.6
IDC 11 17:53:44.4, 1.0, 41°55'N, 79°57'E, h0km, mb3.6/9,
mb1 3.7/12, mb1mx3.6/44, mbtmp3.6/12, ML3.2/3, Error
ellipse: s-maj=19.6km s-min=15.7km az=1.0
KRN 11 17:53:46.2, 0.1, 41°68'N, 79°72'E, mb4.1
NMC 11 17:53:47.0, 3.5, 41°71'N, 79°91'E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=29.6km s-min=14.9km az=155.0
BJJ 11 17:53:48.7, 41°72'N, 79°50'E, h8km, mb3.6/3, ML3.5/11
SOME 11 17:53:48.5, 41°77'N, 79°42'E, h0km, MS3.1
ISC 11 17:53:47.0, 1.4, 41°65'N, 0°04', 79°36'E, 0.03, h14km, 8km,
n71, s167/115, mb3.6/8, 33C-15D, Kyrgyzstan-Xinjiang
border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRZ Przheval'sk, SHLS Shalkode, UZB Uzunbulak, etc.

Table with columns: AS31, ASAR, ASAR, WB2, WRI, WRA, WRA, WRA, WRAB, ZAA1, ZAA1, ZALV, ZALV, KURK, KURK, KURK, KURB, KURB, KLR, AAK, AAK, MK31, MK32, MKAR, MKAR, MTN, USRK, MJAR, MAT, THN, THN, SONA1, SONA2, SONA3, SONM, SONM, CN2, SAUI, FAKI, SOEI, KS01, KS01, KSRS, KSRS, KS15, KSAR, KSAR, JNU, JNU, JNU, HYB, HYB, HHC, HHC, HHC, GQA, LSA, NL2, CMAR, CMAR, CMAR, CM01

ADC 11 18:59:31.8;-8.2;27.00N;145.09E,h0km,mb3.6/5, mb1 3.6/5,mb1mx3.4/6,mbtmp3.6/5,Error ellipse: s-maj=307.4km s-min=24.2km az=73.0,North Pacific Ocean

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

CSEM 11 19:03:22.0;2.0;4.36;30N;52.91E,h20km,ML3.5,Error ellipse: s-maj=9.7km s-min=7.8km az=84.0

TEH 11 19:03:29.36;34N;52.77E,h16km,ML3.4,6C-10D,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: GLBA, GBS, ATGJ, POL, QUBA, XNQ, QSAR, SEKA, GANJ, GDB

GUC 11 19:07:47.9;0.7;21.25S;68.86W,h120km,5.5km,ML3.5,6C, Chile-Bolivia border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

SJA 11 19:17:28.0;0.5;31.95S;69.95W,h107km,3km,ML3.3, MW3.9,San Juan Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

IDC 11 19:31:35.6;-0.5;27.94S;71.21W,h0km,mb4.5/12, mb1 4.5/15,mb1mx4.5/21,mbtmp4.4/15,ML4.0/3,MS3.9/10, Ms1 3.9/10,ms1mx3.7/26,Error ellipse: s-maj=23.1km s-min=16.1km az=76.0

ISCJTB 11 19:31:39.7;0.1;27.85S;0.03;71.11W;0.06,h38km, mb4.755,MS4.0/6,Error ellipse: s-maj=8.4km

GUC 11 19:31:40.2;0.3;29.03S;71.05W,h68km,4km,ML5.2, NEIC 11 19:31:42.0;0.7;27.96S;71.14W,h40km,7km,mb4.8/43, Error ellipse: s-maj=7.9km s-min=5.5km az=69.0

ISC 11 19:31:41.5;0.4;27.91S;0.05;71.13W;0.09,h38km,n270, e1101/270,mb4.7/55,MS4.0/6,5D,Near coast of northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: 143A, Y47A, X50A, X48A, JCT, SWET, TXAR, LTX, TX31, Z546, WVT, WVT, MIAR, U47A, IP06, W41B, ABTX, X38A, V42A, T48A, X37A, X37A, T47A, W39A, V41A, T46A, X36A, U42A, S48A, W37B, W37B, U41A, PBMO, V39A, T44A, S46A, T43A, U40A, V38A, S45A, T42A, U39A, HHAR, V37A, S44A, T41A, S43A, V36A, V36A, TUL1, MNXT, MNXT, R45A, U37A, S42A, R44A, S41A, FVM, R43A, T38A, O56A, CCM, CCM, U35A, Q45A, R42A, T37A, S39A, Q44A, R41A, S38A, N59A, T36A, Q43A, R40A, P44A, R39A, S37A, N54A, Q41A, R38A, S36A, O47A

ILAR Eielson Array 88.63 23 P P 20 27 01.9 -0.4
TORO Torodi Ar. Bea 144.27 280 PKP PKPdf 20 33 45.4 -1.1

SCB 11 20:24:19.8.0.4, 17.63S:69.47W, h143km, ML3.9/2, Error ellipse: s-maj=11.6km s-min=4.8km az=92.0

ISCJB 11 20:24:22.0.0.6, 17.76S:0.05:69.59W, h142km, 4km, mb3.9/5, Error ellipse: s-maj=14.6km s-min=4.4km az=26.1

GUC 11 20:24:23.0.3.4, 17.95S:69.82W, h152km, 4km, ML3.8
IDC 11 20:24:24.6.2.0, 17.73S:69.32W, h146km, 14km, mb3.7/5, mb1 3.8/7, mb1mx3.5/27, mbtmp3.4/27, Error ellipse: s-maj=28.6km s-min=21.5km az=94.0

ISC 11 20:24:22.8.0.6, 17.77S:0.05:69.59W, h136km, 7km, n26, r1933/38, mb4.0/5, 13C-2D, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Minye Minye, La Paz, Chanca, Pisagua, IPOC Station P, Mochara, San Ignacio, Pitinga, Dimbokro, Lac du Bonnet, Torodi Ar. Bea, Yellowknife Ar, Alice Springs, Warramunga Arr, Makanchi Array, Songo Array.

IDC 11 20:46:19.9.8.3, 35.84N:70.62E, h165km, 34km, mb3.6/2, mb1 3.2/8, mb1mx2.8/47, mbtmp3.7/8, Error ellipse: s-maj=124.7km s-min=26.0km az=159.0

ISCJB 11 20:46:26.7.0.7, 36.46N:0.04:70.68E:0.10, h204km, mb3.7/1, Error ellipse: s-maj=11.2km s-min=4.7km az=163.1

NNC 11 20:46:29.6.7.3, 36.78N:70.16E, h150km, 138km, mb3.2, mp4.0, Error ellipse: s-maj=66.7km s-min=61.4km az=9.0

ISC 11 20:46:26.1.0.8, 36.42N:0.07:70.53E:0.08, h204km, n32, r162/33, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Thein Dam, Almayashu, Karatay Array, Erkin-Say, Kyzart, Ala-Archa, Chumysh, Ospanovka, Tokmak 2, Tokmak 2, Alibeck, Piuthan, Makanchi Array, Koldan, Akbulak array, DMN, KKN, Kurbatov Arra, PKIN, PKI, GUN, JIRN, BVAR.

AKTO Aktyubinsk 16.66 31 P Pn 20 50 09.1 +1.1
TAPAN Taplejung 17.15 117 eP Pn 20 50 15.5 +1.2

ODAN Ojare 17.21 119 eP Pn 20 50 16.5 +1.5
ZALV Zalesovo Beam 20.14 25 P P 20 50 46.2 +1.7
ARCES ARCES Array B 41.07 338 P Pn 20 53 51.4 +2.1

MEX 11 20:48:31.8.0.4, 14:32N:92:31W, h53km, 52km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG, JYNG, YONAGUNI JIMA, YOJ, YOJ, YOJ, EOS1, EOS1, TWC, TWC, ENA, ENA, IRIF, IRIF, TIPB, TIPB, TWE, TWE, ENT, ENT, HNTJ, HNTJ, NNSH, NNSH, NNS, NNS, JKRS, JKRS, NSK, NSK, YMO4, YMO4, JIJ, JIJ, JISG, JISG, LIOB, LIOB, JTJ, JTJ.

ISCJB 11 20:57:04.5.0.7, 24.5N:0.1:122.70E:0.03, h73km, 7km, Error ellipse: s-maj=17.2km s-min=3.3km az=7.8

JMA 11 20:57:04.2.0.1, 24.31N:122.67E, h74km, 2km, M1.8
TAP 11 20:57:05.5.24:48N:122.65E, h67km, 1km, ML2.6
ISC 11 20:57:04.7.1.5, 24.4N:0.1:122.70E:0.03, h75km, 10km, n20, r63/33, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YONAGUNI JIMA, YOJ, YOJ, EOS1, EOS1, TWC, TWC, ENA, ENA, IRIF, IRIF, TIPB, TIPB, TWE, TWE, ENT, ENT, HNTJ, HNTJ, NNSH, NNSH, NNS, NNS, JKRS, JKRS, NSK, NSK, YMO4, YMO4, JIJ, JIJ, JISG, JISG, LIOB, LIOB, JTJ, JTJ.

SJA 11 21:00:10.2.0.4, 31:28S:68:22W, h98km, 4km, ML2.2, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cerro Valdivia, Leoncito, PUNTA DE LOS L, MRA, MRA, MRA.

MEX 11 21:07:23.6.0.7, 15:56N:92:13W, h220km, 8km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG, TGIG, TGIG.

IDC 11 21:08:42.5:2.0, 2:48N:93:32E, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.4/51, mbtmp3.6/5, ML3.6/2, MS4.2/1, Ms1 4.2/1, ms1mx2.8/31, Error ellipse: s-maj=55.5km s-min=28.7km az=53.0

ISCJB 11 21:08:47.0.1.2, 2:50N:0:09:93:57E:0.06, h33km, mb3.5/3, MS4.1/1, Error ellipse: s-maj=13.5km s-min=8.4km az=17.3

DJA 11 21:08:51.7:1.0, 2:16N:9:4E:1, h10km, M4.0/6, MLV4.0/6, Error ellipse: s-maj=11.2km s-min=6.9km az=112

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sinabang, Meulaboh, Gunungsitoli, Kotacane, Lohi Sumawe, Pallekele, Pangkal, Ching Mai Arr, Davo City, Makanchi Array, Warramunga Arr, Songo Array.

GUMO Guam 3.92 69 LR LR 21 12 36.1
WRA Warramunga Arr 32.60 192 P P 21 17 45.8 -0.9

ASAR Alice Springs 36.31 191 P P 21 18 19.4 +0.7
KLR Kuldrup 37.76 350 LR LR 21 32 08.4
MKAR Makanchi Array 60.00 317 P P 21 21 23.3 +0.7

BVAR Borovoye Array 68.78 322 P P 21 22 18.2 -0.9
ILAR Eielson Array 71.41 25 P P 21 22 35.0 0.0

ISK 11 21:12:50.5.0.5, 37:41N:26:87E, h5km, MD2.7, Error ellipse: s-maj=8.7km s-min=8.4km az=54.0

ISCJB 11 21:12:54.0.0.8, 37:44N:0.03:26:91E:0.05, h9km, 7km, Error ellipse: s-maj=6.8km s-min=5.7km az=161.8

DDA 11 21:12:54.7.37:47N:26:97E, h7km, MD2.6
ISC 11 21:12:54.3.1.1, 37:45N:0.03:26:94E:0.03, h19km, 3km, n24, r577/34, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GZelcami, Bodrum, Bodrum, Kayabasi, Kayabasi, zmir, Tasoluk, Tasoluk, Zey, Datca-Mugla, Datca-Mugla, Urmir, Urmir, Apeiranthos, Apeiranthos, Turunc, Turunc, DENIZLI Tavas, DENIZLI Tavas, Manisa, Manisa, Fethiye, Fethiye.

ISCJB 11 21:58:8.0.5, 50:22N:0:04:18:71E:0:03, h0km, Error ellipse: s-maj=5.3km s-min=2km az=14.9

CSEM 11 21:59:8.0.3, 50:25N:18:77E, h1km, ML2.7/6, Error ellipse: s-maj=7.5km s-min=3.3km az=12.0

WAR 11 21:22:00.7.50:27N:18:83E, h1km, Mw2.2
IPEC 11 21:22:00.2.0.2, 50:27N:18:83E, h2km, ML1.8/3, Error ellipse: s-maj=2.5km s-min=1.1km az=167.0

PRU 11 21:22:00.6.50:25N:18:75E, h0km, n39, r1511/66, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Ostrava-Krasne, Ojcow, Ojcow, Moravsky Berou, LANS, LANS, LANS, Niedzica, Niedzica, Niedzica, Kraliky, Kraliky, Dobruska-Polom, Dobruska-Polom, VRAC, VRAC, Vyhne, Vyhne, Vyhne, Ksiaz, Ksiaz, Ksiaz, Ksiaz, Ujcie, Ujcie, Ujcie, Stebnicka Huta, Stebnicka Huta, Stebnicka Huta, Moravsky, Moravsky, Kecov, Kecov, Kecov, Trest, Trest, Trest, Gop, Gop, Gop, PVCC, PVCC, PRU, PRU, BRG, BRG, KHC, KHC, CLL.

ISC 11 21:23:33.9.0.8, 51:57N:96:12E, h0km, mb4.0/10, Error ellipse: s-maj=54.0km s-min=22.5km az=91.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Ojcow, Moravsky Berou, LANS, Niedzica, Kraliky, Dobruska-Polom, VRAC, Vyhne, Vyhne, Ksiaz, Ujcie, Stebnicka Huta, Moravsky, Kecov, Trest, Gop, PVCC, PRU, BRG, KHC, CLL.

RC01	comp-Z,25nm,1.1s	94.47	29	eP	P	22 33 45.4 -1.0
TRF	Rabbit Creek A	94.47	27	eP	P	22 33 45.5 -1.0
BR21	Thoreau Moun	94.89	309	eP	P	22 33 46.0 -3.0
COLD	comp-Z,24nm,1.4s	94.92	23	eP	P	22 33 48.8 +0.4
MCK	McKinley	95.11	27	eP	P	22 33 48.4 -0.8
MCK	comp-Z,38nm,1.2s	95.11	27	eP	P	22 33 48.4 -0.8
RND	Reindeer	95.11	27	eP	P	22 33 48.2 -1.2
RND	comp-Z,23nm,0.8s	95.11	27	eP	P	22 33 48.2 -1.2
SML	Sawmill	95.21	28	eP	P	22 33 49.3 -0.5
SML	comp-Z,103nm,1.9s	95.21	28	eP	P	22 33 49.3 -0.5
MDL	Murphy Dome	95.52	25	eP	P	22 33 50.0 -1.1
CCB	Clear Creek Bu	95.67	26	eP	P	22 33 50.6 -1.1
SCM	comp-Z,21nm,0.8s	95.69	28	eP	P	22 33 51.6 -0.4
SCM	Sheep Creek Mo	95.69	28	eP	P	22 33 51.6 -0.4
SCM	comp-Z,27nm,1.6s	95.69	28	eP	P	22 33 51.6 -0.4
DHY	Denali Highway	95.75	27	eP	P	22 33 52.2 -0.1
HDA	Harding Lake	96.03	26	eP	P	22 33 52.0 -1.3
IL1	Elison Array	96.08	26	eP	P	22 33 51.6 -2.0
ILAR	comp-Z,3.8nm,0.6s,baz=20.0,slow=5.0,SNR=60	96.08	26	eP	P	22 33 52.0 -1.5
ILAR	comp-Z,0.7nm,0.7s,baz=268,slow=3.2,SNR=5.8	96.27	29	eP	P	22 38 26.5 -1.0
ILB	Elison Array	96.29	29	eP	P	22 33 52.3 -1.2
KLU	Klutina	96.34	29	eP	P	22 33 54.3 -0.6
PAX	Paxson	96.62	27	eP	P	22 33 56.0 -0.1
PAX	comp-Z,31nm,1.4s	96.62	27	eP	P	22 33 56.0 -0.1
PAX	comp-Z,31nm,1.4s	96.62	27	eP	P	22 33 56.0 -0.1
HARP	HAARP	96.74	28	eP	P	22 33 57.4 +0.8
FYU	Fort Yukon	96.83	24	eP	P	22 33 57.3 +0.5
DOT	Dot Lake	97.27	27	eP	P	22 33 58.8 -0.1
AKASG	comp-Z,32nm,1.0s	97.98	320	eP	P	22 34 00.8 -1.5
AKASG	comp-Z,8.0nm,0.6s,baz=76,slow=4.7,SNR=43	97.98	320	eP	P	22 38 14.9 +2.3
AKASG	comp-Z,2.3nm,0.7s,baz=83,slow=6.4,SNR=11	97.98	320	eP	P	22 38 31.3 +0.1
AKASG	comp-Z,1.4nm,0.5s,baz=76,slow=2.3,SNR=6.2	97.98	320	eP	P	22 34 00.9 -1.4
AKASG	comp-Z,5.0nm,0.5s	97.98	320	eP	P	22 38 15.0
AKASG	comp-Z,2.0nm,0.7s	97.98	320	eP	P	22 34 02.0 -0.3
AKASG	comp-Z,1.0nm,0.5s	97.98	320	eP	P	22 34 02.0 -0.4
AKKB	Malin Array Si	97.98	320	eP	P	22 34 02.0 -0.4
AKKB	comp-Z,10.0nm,0.8s	97.98	320	eP	P	22 34 01.3 -1.1
AKKB	Malin Array Si	97.98	320	eP	P	22 34 02.0 -0.4
KIEV	Kiev	97.99	320	eP	P	22 34 01.3 -1.1
KIEV	comp-Z,9.0nm,0.7s	97.99	320	eP	P	22 34 02.1 -0.2
KIEV	comp-Z,10nm,0.8s	97.99	320	eP	P	22 34 01.5 -0.9
AK11	Malin Array Si	98.02	320	eP	P	22 34 01.8 -0.7
EGAK	Eagle	98.23	26	eP	P	22 34 04.5 0.0
ARCES	comp-Z,9.3nm,0.9s	99.22	339	eP	P	22 34 06.6 -0.9
ARCES	comp-Z,7.8nm,0.9s,baz=88,slow=5.2,SNR=22	99.22	339	eP	P	22 38 33.2 +0.3
ARCES	comp-Z,1.0nm,0.4s,baz=121,slow=1.0,SNR=19	99.22	339	eP	P	22 35 27.9 -3.8
ARCES	comp-Z,2.4nm,0.9s,baz=256,slow=3.3,SNR=5.9	99.22	339	eP	P	22 34 07.2 -0.3
ARCES	ARCCESS Array B	99.22	339	eP	P	22 34 07.2 -0.3
ARCES	ARCCESS Array B	99.22	339	eP	P	22 34 07.2 -0.3
ARCES	ARCCESS Array B	99.22	339	eP	P	22 38 33.2 +0.3
ARCES	ARCCESS Array B	99.22	339	eP	P	22 35 27.9 -3.8
ARCES	ARCCESS Array B	99.22	339	eP	P	22 34 08.7 +0.6
DAWY	Dawson	99.33	26	eP	P	22 34 08.2 -0.1
VSU	Vasula	99.37	328	eP	P	22 34 08.2 -0.1
FIA1	FINESS Array S	99.56	331	eP	P	22 34 07.4 -1.7
FINES	FINESS Array B	99.56	331	eP	P	22 34 08.2 -0.1
FINES	comp-Z,3.3nm,0.6s,baz=68,slow=3.9,SNR=14	99.56	331	eP	P	22 38 34.2 +0.5
VR1	Vriocinia	99.60	315	eP	P	22 34 10.1 +0.4
TRES	Tescani	99.65	316	eP	P	22 34 09.9 0.0
MLR	Muntele Rosu	100.15	315	eP	P	22 38 28.6 -0.6
MLR	comp-Z,1.7nm,0.7s,baz=54,slow=6.0,SNR=5.4	100.15	315	eP	P	22 34 11.5 -0.3
SPAR0	Spitsbergen Ar	100.21	348	eP	P	22 34 14.8 +0.5
BUR0A	Bucovina Array	100.62	317	eP	P	22 38 34.9 +2.3
BUR0A	Bucovina Ar. S	100.62	317	eP	P	22 34 14.4 +0.1
BUR0B	Bucovina Ar. S	100.63	317	eP	P	22 34 14.8 +0.5
INK	Inuvik	101.22	22	eP	P	22 34 16.1 -0.2
INK	comp-Z,1.7nm,0.5s,baz=288,slow=5.1,SNR=12	101.22	22	eP	P	22 34 16.2 -0.1
INK	Inuvik	101.22	22	eP	P	22 34 16.2 -0.1
INK	Inuvik	101.22	22	eP	P	22 38 39.7 -1.2
MDVR	Moldovita	103.17	314	eP	P	22 38 41.6 +0.8
BZS	Buzias	103.19	315	eP	P	22 34 39.5 -0.3
NC405	NORSAR Array S	104.65	332	eP	P	22 34 39.7 -1.3
NB2	NORSAR Subarrat	106.70	332	eP	P	22 34 39.7 -1.3
NB2	comp-Z,1.4nm,0.6s,baz=75,slow=4.4	106.70	332	eP	P	22 34 39.7 -1.3
NB2	NORSAR Subarrat	106.70	332	eP	P	22 34 39.7 -1.3
NOA	NORSAR Array B	106.70	332	eP	P	22 34 39.7 -1.3
NOA	comp-Z,1.2nm,0.6s,baz=76,slow=4.5,SNR=4.4	106.70	332	eP	P	22 38 46.6 -0.3
MOA	Molin	107.95	318	eP	P	22 38 49.4 -0.2
GERES	GERESS Array B	108.14	319	eP	P	22 38 50.0
GERES	comp-Z,1.5nm,0.5s,baz=66,slow=2.4,SNR=23	108.14	319	eP	P	22 39 29.9 +2.8
GERES	comp-Z,1.5nm,0.7s,baz=87,slow=7.1,SNR=7.2	108.14	319	eP	P	22 41 25.4 +0.3
RES	Resolute Bay	108.81	310	eP	P	22 38 49.8 -0.6
ABTA	Abfattersbach	109.32	317	eP	P	22 38 51.9 -0.5
WATA	Waderama	109.83	318	eP	P	22 38 53.4 0.0
SQTA	Sankt Quirin	110.10	318	eP	P	22 38 53.9 +0.1
MOTA	Moosalm	110.14	318	eP	P	22 38 53.8 -0.1
RETA	Reutte	110.34	318	eP	P	22 38 53.9 -0.3
FETA	Feichten	110.46	318	eP	P	22 38 54.8 +0.0
YKA	Yellowknife Ar	110.49	25	eP	P	22 35 01.3 +3.6
YKA	comp-Z,0.2nm,0.6s,baz=299,slow=4.8,SNR=7	110.49	25	eP	P	22 38 53.4 -0.5
YKA	comp-Z,3.3nm,0.5s,baz=308,slow=1.9,SNR=71	110.49	25	eP	P	22 39 47.3 +4.2
YKA	comp-Z,0.6nm,0.9s,baz=309,slow=7.0,SNR=6.4	110.49	25	eP	P	22 41 28.7 -0.3
YKA	comp-Z,0.6nm,0.5s,baz=297,slow=1.9,SNR=6.6	110.49	25	eP	P	22 49 57.7 -0.2
YKA	comp-Z,0.2nm,0.6s,baz=118,slow=3.6,SNR=7.2	110.49	25	eP	P	22 50 07.2 -2.3
YKA	comp-Z,0.3nm,0.6s,baz=111,slow=5.2,SNR=7.7	110.49	25	eP	P	22 52 37.2 -4.3
DAVA	Damuels	110.97	318	eP	P	22 38 55.8 +0.3
BO5A	Bryant	111.34	41	eP	P	22 38 56.8 +0.8

I03D	Drain, OR	111.49	46	P	PKIKP	22 38 56.9 +0.6
I04A	tendick Farm,	112.13	46	P	PKIKP	22 38 58.1 +0.4
J04D	Umqua Nationa	112.46	46	P	PKIKP	22 38 59.1 +0.6
N02D	Trinity Center	112.48	49	P	PKIKP	22 38 59.2 +0.7
M04C	Macdoel	112.96	48	P	PKIKP	22 39 00.1 +0.7
J05D	Fort Rock, OR	113.08	46	P	PKIKP	22 39 00.5 +0.8
O03D	Paynes Creek	113.28	49	P	PKIKP	22 39 00.3 +0.2
KEST	Kesra	113.54	306	PKIKP	PP	22 39 01.4 +0.7
KEST	comp-Z,2.8nm,0.5s,baz=134,slow=1.1,SNR=26	113.54	306	PKIKP	PP	22 40 04.3 -1.2
E09A	Wood Farm Sta	114.39	42	PKP	PKP	22 39 01.9 +0.1
NEW	Newport	114.53	40	PKP	PKP	22 39 03.2 +1.1
NEW	Newport	114.53	40	PKP	PKP	22 39 03.6 +1.4
NEW	Newport	114.53	40	PKP	PKP	22 39 02.5 +0.3
CMB	Columbia Colle	114.79	51	eP	PKP	22 39 03.3 +0.3
CMB	Columbia Colle	114.79	51	eP	PKP	22 39 03.3 +0.3
J05A	Circle Bar Ran	115.02	45	eP	PKP	22 39 04.1 +0.0
SSB	Saint Sauveur	115.05	317	eP	PKP	22 39 03.4 +0.2
SSB	Saint Sauveur	115.06	317	eP	PKP	22 39 04.2 +0.2
WVOR	Wild Horse Val	115.13	46	eP	PKP	22 39 04.7 +1.1
WVOR	Wild Horse Val	115.13	46	eP	PKP	22 39 04.7 +1.1
F10A	Beach Ranch, E	115.15	42	eP	PKP	22 39 04.2 +0.7
PNTR	Pine Nut	115.19	50	eP	PKP	22 39 05.2 +1.2
PNTR	Pine Nut	115.19	50	eP	PKP	22 40 13.2 -3.7
PAHR	Pah Rah Range	115.22	49	eP	PKP	22 39 04.8 +1.0
PAHR	Pah Rah Range	115.22	49	eP	PKP	22 40 13.2 -3.8
BMO	Blue Mountains	115.42	43	eP	PKP	22 39 03.8 -0.3
WAKR	Walker	115.43	51	eP	PKP	22 39 05.5 +1.1
WAKR	Walker	115.43	51	eP	PKP	22 40 16.4 -2.2
YERR	Yerington	115.48	50	eP	PKP	22 39 05.5 +1.0
PKM	Mepherston Peak	115.82	55	P	PKP	22 39 06.9 +1.6
MDPB	Devils Postpil	115.89	52	eP	PKP	22 39 05.7 +0.3
MDPB	Devils Postpil	115.89	52	eP	PKP	22 40 17.8 -4.1
RYN	Ryan	116.11	50	eP	PKP	22 39 07.0 +1.4
RYN	Ryan	116.11	50	eP	PKP	22 40 19.6 -3.5
NV01	Mina Array Sit	116.32	51	eP	PKP	22 39 06.8 +0.7
NVAR	Mina Array Bea	116.32	51	eP	PKP	22 39 07.2 +1.0
NVAR	comp-Z,2.1nm,0.7s,baz=252,slow=3.3,SNR=23	116.32	51	eP	PKP	22 40 23.6 -1.1
KVN	Katavictoria	116.50	50	eP	PKP	22 39 06.9 +0.8
KVN	Kaiserville	116.53	50	eP	PKP	22 39 06.9 +0.8
KVN	Kaiserville	116.53	50	eP	PKP	22 40 18.1 -6.6
NV11	Mina Array Sit	116.43	50	eP	PKP	22 39 07.1 +0.8
JTMD	Camas Ranch	116.50	40	eP	PKP	22 39 07.9 +0.2
JTMD	Camas Ranch	116.50	40	eP	PKP	22 39 07.9 +0.2
CWC	Woodwood Cre	116.91	53	P	PKP	22 39 08.3 +1.0
MSO	Missoula	117.04	40	P	PKP	22 39 07.2 0.0
MSO	Missoula	117.04	40	P	PKP	22 39 07.0 -0.1
MSO	Missoula	117.04	40	P	PKP	22 40 20.5 -8.6
BORG	Borgarnes	117.13	344	eP	PKP	22 39 08.3 +1.8
BORG	Borgarnes	117.13	344	eP	PKP	22 39 08.3 +1.8
CIS	Catalina Islan	117.22	56	P	PKP	22 39 08.7 +0.9
EDW2	Edwards Air Fo	117.29	54	P	PKP	22 39 09.0 +1.1
DAC	Darwin (Calif)	117.33	53	eP	PKP	22 39 09.0 +0.9
DAC	Darwin (Calif)	117.33	53	eP	PKP	22 39 09.0 +0.9
DAC	Darwin (Calif)	117.33	53	eP	PKP	22 40 21.5 -10.1
MWC	Mount Wilson	117.36	55	eP	PKP	22 39 08.5 +0.3
MWC	Mount Wilson	117.36	55	eP	PKP	22 39 08.5 +0.3
LMMC	Laurel Mt Rad	117.42	54	P	PKP	22 39 09.4 +1.1
MPMC	Manual Prospec	117.46	53	P	PKP	22 39 09.4 +1.0
BFSC	Mount Baldy Ra	117.69	55	P	PKP	22 39 09.4 +0.6
HLID	Hailey	117.79	44	P	PKP	22 39 09.9 +1.1
HLID	Hailey	117.79	44	P	PKP	22 39 10.0 +1.2
ELK	Elko	118.04	47	PKP	PKP	22 39 11.2 +1.8
MURC	Murrieta	118.19	56	P	PKP	22 39 10.7 +1.1
TPNV	Topopah Spring	118.24	52	P	PKP	22 39 10.6 +0.8
TPNV	Topopah Spring	118.24	52	eP	PKP	22 39 10.5 +0.7
TPNV	Topopah Spring	118.24	52	eP	PKP	22 39 10.4 +0.7
LRO1	Linderoth Ridge	118.36	41	eP	PKP	22 39 11.9 +1.0
TAM	Tamarrasset	118.38	292	eP	PKP	22 39 11.5 +1.1
TAM	Tamarrasset	118.38	292	eP	PKP	22 39 11.5 +1.1
R11A	Troy Canyon, C	118.4				

11d 22h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation. Includes stations like B34A Aery, Baudette, D33A AnnSam, etc.

2012 JAN

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation. Includes stations like K41A Shullsburg, S37A Fort Scott, V36A Jenks, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Azimuth/Elevation. Includes stations like M54A Oil Creek Stat, M54A Oil Creek Stat, V48A Smith Brothers, etc.

ISCJB 11 22:23:18.1±0.4, 25.23N±0.03, 94.86E±0.03, h94km, 4km, mb4, 2/30, Error ellipse: s-maj=5.3km s-min=4.0km
NEIC 11 22:23:20.0±0.7, 25.20N±0.05, 15E, h105km, mb4, 6/9, Error ellipse: s-maj=8.5km s-min=6.1km az=67.0
BUJ 11 22:23:20.8, 25.40N±0.05, 14E, h100km, mb4, 4/24, mb4, 7/20
IDC 11 22:23:20.7±2.3, 25.14N±0.05, 21E, h13km, 23km, mb3, 7/20, mb1, 3/22, mb1mx3.6/60, mbtmp, 4/122, MS2.5/1, Ms1 2.5/1, ms1mx2.3/57, Error ellipse: s-maj=20.6km s-min=16.4km az=112.0
ISC 11 22:23:19.4±0.6, 25.25N±0.04, 94E±0.04, h93km, 6km, n81, ±228/104, mb4, 1/30, 1C, Myanmar-India border region

Table with columns: ID, Name, baz, SNR, P, M, D, S, T, R, L, R. Rows include U36A Oologah, U37A Salina, U38A Gravette, U39A Green Forest, U40A Yellville, U32A Winter Ranch, BNM Garren Site, U41A Viola, Y22D IRIS PASCAL I, U42A Revenden, LPM Los Pinos Moun, LENM Lemitar, U43A Rector, T35A Sooner Cattle, LZAD Lador, T36A Boggs Farm, Ca, T34A McClaskey Farm, T38A Diamond, SWET Sewanee, T39A Clever, AN70 Cheneyville 18, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, TUC Tucson, TUC Tucson, U45A Rockin P Farm, PBMO Poplar Bluff, WVT Waverly, PARMO Parma, T41A Mountain View, T40A Mansfield, T42A Van Buren, U46A Springville, T43A Greenville, S35A Otter Creek Ra, S38A Stockton, S36A Lake Cedric, C, S34A Willow Spring, S37A Fort Scott, S40A Lebanon, S39A Bolivar, S41A Jilco Farms, S43A Fulton Ridge, S42A Caledonia, 214A Organ Pipe Nat, R38A Fenwick Farm, T37A Sharon Grove, R36A Gordon, R35A Emporia Muncici, TKL Tuckaleechee C, TKL Tuckaleechee C, R34A Isabella, Hill, CCM Cathedral Cave, CCM Cathedral Cave, S44A Carbondale, R39A Chumby Stover, SIUC Southern Illin, X18A Snowflake, T25A Trinidad, T25A Trinidad, R40A Maddies Statio, R41A Rosebud, T48A Bowling Green, R42A Luebbering, W18A Petrified Fore, W18A Petrified Fore, R43A Red Bud, Q35A Mercer Eighty, Q37A Longview Farm, Q34A Chapman, Q36A Arnold C. Orve, R44A Waltonville, R38A Cooks Store, C, CBKS Cedar Bluff, CBKS Cedar Bluff, KSU1 Kansas State U, KSU1 Kansas State U, SLM Saint Louis, Q39A Willow Grove F, X16A Lo Mia Camp, P, Q40A Laux Farm, Aux

Table with columns: ID, Name, baz, SNR, P, M, D, S, T, R, L, R. Rows include R45A Skylar, Fairri, S48A Wiedeman Farm, Q41A Truxton, Q42A Golden Eagle, 113A Mohawk Valley, SDCO Great Sand Dun, SDCO Great Sand Dun, P35A Duane Minner, Q43A New Douglas, P34A Walnut Farm, P37A Lathrop, P36A Good Intent, A, P39B Salisbury, Q44A Meyer Farm, Va, OLIL Olney, P38A Dawn, Y14A Wickenburg, R47A Wooly Knot Far, WCI Wyandotte Cave, WCI Wyandotte Cave, P40A Paris, KSCO Kaye Shedlock, KSCO Kaye Shedlock, Q45A Warren Harvey, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, RUSC La Rusia, WUAZ Wupatki, WUAZ Wupatki, R48A Northridge Ran, MVCO Mesa Verde, MVCO Mesa Verde, P41A Barry, Barry, P42A Winchester, O33A Hebron, O34A Besace, O38A Galt, O37A Wolven Farm, M, GLA Glamis, P43A Skaggs, Pawnee, Q47A Bedford North L, Q40A La Belle, Q24A Divide, Q24A Divide, O41A Passleys Farm, Y12C Blythe, BLO Bloomington, P45A Graceland, Par, PDMCI Parker Dam, Lak, O42A Bath, SWSC Sam W. Stewart, N33A J Bar K, Exete, N37A Lee Paris, Mou, IKP In-Ko-Pah, Jac, PV01 Paradox Valley, N35A Tab, P47A Martinville, N38A Joes South Fore, BC3 Big Chuckawall, PV05 Paradox Valley, N39A Derby Farms, D, W13A Hualapai Mount, N41A Harden Midland, N40A Mertquake, Sal, IRM Iron Mountain, U15A North Rim, SMC0 Snowmass, HDIL Hopedale, HDIL Hopedale, O45A Potomac, PV10 Paradox Valley, ISCO Idaho Springs, N42A Yates City, PV09 Parox Valley, M37A Trindle Farm, M36A Felix, Anita, M35A Neola, SFIN Lafayette, SFIN Lafayette, M38A Pleasantville, M34A Aspy Farms, F, OGN6 Ogallala, OGN6 Ogallala, N43A Stutzman Famil

Table with columns: ID, Name, baz, SNR, P, M, D, S, T, R, L, R. Rows include BELC Belle Mtn. Jos, O47A Sheridan, XPFO Piazon Flat, PFO Pinyon Flats O, PFO Pinyon Flats O, N44A Piper City, M39A Webster, M40A Post Highland, LDFC Landfair, M41A Milan, N45A Kentland, GMRC Granite Mounta, M42A Sheffield, SCIA State Center, SCIA State Center, L32A Elgin, M43A Waltham Townsh, MURC Murrie, L36A Harm Buss Farm, L37A Phoenix Point, L38A Hoskins, L38A Oak Wood Farm, L39A Vinton, HEC Hector, Ludlow, L40A Anasoa, MTPU Mount Pierson, N23A Red Feather La, L41A Preston, SZCU Shurtz Canyon, O20A White River Ci, TUQ Turquoise Moun, SRU San Rafael Swe, L42A Oliver, Polo, CUC Cedar City, K38A Parkersburg, SHPR Shep Range, BFSC Mount Baldy Ra, P18A Preston Nutter, K37A Belmont, L43A Garden Prairie, P17A Butcher Ranch, K39A Oelwein, TMUT Trail Mountain, TCRU Three Creeks R, K40A Coleburg, K41A Shullsburg, MWC Mount Wilson, AGP Aguadilla, JFWS Jewell Farm, JFWS Jewell Farm, K42A Prairie Point, J36A Trossa, I, Swea, J37A Redenius Farm, J31A Redenius Farm, J32A Parkston, J38A Wedel Dairy, R, RWWY Rawlins, J39A Decorah, LRMC Laurel Mtn Rad, TPNV Topopah Spring, TPNV Topopah Spring, J40A Soldiers Grove, FURC Furnace Creek, ECSD EROS Data Cent, ECSD EROS Data Cent, J41A Loganville, MPMC Manual Prospec, NLU North Lily Min, J42A Columbus, ATAH Atahualpa, I34A Hadley, DAC Darwin (Calif), I36A Fitzsimmons Fa, J43A Natural Haven, WORM Onyx Ranch, WORM Onyx Ranch, I39A Houston, I38A Canlan Farm, I40A Norwalk, R11A Troy Canyon, C, R11A Troy Canyon, C, DUG Dugway, Tooele, GRAC Grapevine Rang, CWC Cottonwood Cre, I42A Draeger Farm,

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like 41A1 Arkdale, TCUT Toone Canyon, H32A Carlson Farm, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like QLMT Earthquake Lak, C35A Jirik Farms, C33A Trail, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ILAR Eielson Array, ILAR Murphy Dome, ILB Eielson Array, etc.

IDC 11 22:30:10.0:2.3, 6.59N-72.36W, h0km, mb3.6/2, mb1 4.0/2, mb1mx3/4/38, mbtmp3/6/2, Error ellipse: s-maj=111.1km s-min=42.6km az=73.0
ISCJB 11 22:30:32.0:0.6, 6.81N:0.04:73:13W:0.04, h158km, 5km, mb3/4/2, Error ellipse: s-maj=7.3km s-min=5.9km az=9.3
RSNC 11 22:30:33.7:1.0, 6.79N:73.14W, h150km, 5km, ML, 3.4
ISC 11 22:30:31.6:0.9, 6.81N:0.04:73:10W:0.05, h160km, 6km, n26, r1313/40, 1C-1D, Northern Colombia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CISI Cisomet, Garu, CNJI Cibinong, etc.

ISN 11 23:05:30.2-1.1, 39.05N-43.51E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=7.3km s-min=4.6km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVAN Van, ERV ERCIS-VAN, etc.

NNC 11 22:46:03.3-4.1, 39.70N-76.99E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=33.6km s-min=14.4km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRN Naryn, SFK Sufi-Kurgan, ULHL Ulahol, etc.

ISC 11 23:05:41.0-0.8, 38.47N-101.77E, h17km, n21, e=23/37, 35C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRN Naryn, SFK Sufi-Kurgan, ULHL Ulahol, etc.

Table with columns: SVSK Karacayir, KMRS Kahramanmaras, BHD Baghdad, etc.

IDC 11 23:33:16.5:21.0, 18.01S:178.22W, h556km, 196km, mb2.8/4, mb1.3/1.4, mb1mx2.7/4.1, mbtmp3.8/4, Error ellipse: s-maj=307.3km s-min=66.8km az=139.0, Foji Islands region

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.

ISCJB 11 23:40:08.6:0.6, 36.64N:0.03:1.78E:0.06, h20km, Error ellipse: s-maj=6.4km s-min=4.8km az=173.1

CSEM 11 23:40:08.5:0.3, 36.61N:1.79E, h5km, mb3.7, Error ellipse: s-maj=7.2km s-min=5.3km az=95.0

CRAAG 11 23:40:08.1:36.46N:1.83E, M13.3, MDD 11 23:40:08.1:0.7, 36.61N:1.79E, h0km, mb3.7/6, Error ellipse: s-maj=7.8km s-min=6.1km az=87.0, PRXIMO SOLLUCIN Province

ISC 11 23:40:09.2, 1.36:61N:0.07:1.82E:0.04, h20km, n30, i=128/41, 1C, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EBNR Beni Rached, ECHA Ech Chlef, ECHF Ech Chlef, etc.

CSEM 11 23:57:13.9:0.1, 48.84N:14.29E, h2km, ML2.7, Error ellipse: s-maj=2.5km s-min=2.1km az=154.0

IPEC 11 23:57:14.7:0.1, 48.79N:14.31E, h5km, ML2.1/8, Error ellipse: s-maj=0.6km s-min=0.3km az=149.0

VIE 11 23:57:14.0:0.3, 48.80N:14.31E, h4km, 3km, mb2.0/7, ML2.8/11, Error ellipse: s-maj=2.3km s-min=1.7km az=19.0

PRU 11 23:57:14.9, 48.83N:14.31E, h8km, Cesky Krumlov-felt By Many BGR 11 23:57:14.1:0.3, 48.84N:14.33E, h5km, ML2.6/25, Error ellipse: s-maj=3.3km s-min=2.2km az=74.0

BGR Felt also in St. Stefan am Waide/A, People awake, LDG 11 23:57:14.8:0.1, 48.82N:14.32E, h5km, ML2.7/2, Error ellipse: s-maj=1.6km s-min=1.5km az=9.0

ISC 11 23:57:14.8:1.0, 48.82N:0.01:14.30E:0.01, h10km, gkm, n123, i=124/206, 5C-4D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GED7 GERESS Array S, GED7 GERESS Array S, etc.

IDC 11 22:51:20.2:2.3, 5.79S:129.58E, h0km, mb3.2/1, mb1.3/3.6, mb1mx3.2/5.6, mbtmp3.4/3, ML3.7/2, Error ellipse: s-maj=152.5km s-min=30.5km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, INK Inuvik, PPT Papeete, FINES FINES Array B, etc.

ISC 12 00:22:44.9, 1.7, 7.78S, 106.69E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.8/55, mbtmp3.9/9, Error ellipse: s-maj=92.5km s-min=17.1km az=49.0...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CNJI Cibinong, KASJ Sukabumi, CISI Cispempet, etc.

ISC 12 00:26:14.0, 0.0, 36.38N, 31.63E, h0km, 66km, ML4.4, HLW 12 00:26:27.9, 3.6:29N, 30.97E, h60km, 23km, M4.6, M4.2...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ANTB Antalya, ANTB Antalya, ANTB Antalya-Kepez, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BCK Bucak, BCK Bucak, BCK Bucak, ALFC Alefka, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KKUL Konya-Kulu, ESKT Eskisehir, ESKT Eskisehir, ESKT Eskisehir, etc.

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Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like HMDT, ILGA, ROOS, CUALT, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like GNI, GNI, GNI, KIV, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like SENIN, LPG, BFO, BFO, etc.

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

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

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

Table with columns: SHUT, Suhut-Afyon, FETY, Fethiye, ELL, Elmali, KURT, Korkuelli, KORT, Korkuelli. Includes station names, codes, and coordinates.

IDC 12 01:09:07.7±1.35:34N:27.73E, h0km, mb3.5/5, mb1 3.6/10, mb1mx3.4/46, mbtmp3.5/10, ML3.5/5, MS3.2/1, Ms1 3.2/1, ms1mx2.4/46, Error ellipse: s-maj=22.8km s-min=16.5km az=11.0

ATH 12 01:09:11.9, 35:35N:27.74E, h29km, ML3.2/8, Error ellipse: s-maj=1.7km s-min=0.7km az=337.0

THE 12 01:09:12.5, 35:41N:27.74E, h0km, 1km, ML3.2/3, Error ellipse: s-maj=4.3km s-min=1.2km az=143.0

CSEM 12 01:09:12.0, 3.0, 35:30N:27.78E, h10km, ML3.2, Error ellipse: s-maj=10.3km s-min=4.3km az=162.0

ISK 12 01:09:12.0, 35:32N:27.68E, h20km, ML3.2, Error ellipse: s-maj=10.3km s-min=4.3km az=162.0

ISC 12 01:09:09.9, 1.2, 35:25N:0.03:27.82E, 0.02, h16km, 8km, n158, a2512/178, mb3.4/5, Dodecanese Islands

Main table for Dodecanese Islands with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KARP, ARG, ZKR, NISR, etc.

Main table for other regions with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PTL, DID, EREA, etc.

Main table for further regions with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIED, MOS, BUI, JMA, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like Malin Array Si, Dillon, Kaiserville, etc.

IDC 12 01:42:48.2:63.0,21'41"S,178°69'W,h0km,mb4.0/3, mb1.4/2.3,mb1mx3.7/26,mbtmp4.0/3,Error ellipse: s-maj=1139.0km s-min=158.0km az=84.0,Fiji Islands

WEL 12 01:52:17.4,44'S:9:17'3"E,h5km,ML3.2/3,South Island

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

DDA 12 02:00:52.9,40.87N,31.78E,h7km,Md2.4,Turkey

ISCJJB 12 02:02:06.7:0.6,36°89'N:0°03'28'93E:0.04,h6km,7km, Error ellipse: s-maj=5.9km s-min=5.5km az=32.1

CSEM 12 02:02:06.5:0.2,36°89'N:28°93'E,h10km,MD2.8, Error ellipse: s-maj=3.8km s-min=2.8km az=4.0

DDA 12 02:02:06.3:1.3,36°96'N:0°03'28'95E:0.02,h1km=12km, n25,°166/39,Dodecanese Islands

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

TIR 12 02:12:16.7,41°04'N:20°21'E,h7km,ML2.2

ISCJJB 12 02:12:17.3:0.7,41°14'N:0°05'20'34E:0.05,h5km,7km, Error ellipse: s-maj=9.0km s-min=5.1km az=35.5

CSEM 12 02:12:17.5:0.4,41°13'N:20°32'E,h10km,ML2.2, Error ellipse: s-maj=13.6km s-min=6.2km az=45.0

ATH 12 02:12:17.0,41°10'N:20°30'E,h17km,7km,ML1.6/2, Error ellipse: s-maj=2.4km s-min=1.3km az=5.0

ISC 12 02:12:17.0,41°11'N:01°03'20'30E:0.03,h7km=10km, n26,°086/45,Albania

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

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

CSEM 12 02:12:50.8,38°18'N:22°56'E,h12km,ML1.1/2

ATH 12 02:12:50.8,38°18'N:22°56'E,h12km,5km,ML1.1/2, Error ellipse: s-maj=5.6km s-min=1.1km az=162.0,Greece

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

ISCJJB 12 02:21:0.7:0.3,53°26'S:0°05'23'E:0.11,h10km, mb4.8/35,MS4.7/20, Error ellipse: s-maj=11.5km s-min=7.0km az=164.8

IDC 12 02:22.0:0.5,53°23'S:22°40'E,h0km,mb4.5/15, mb1.4/6.15,mb1mx4.5/32,mbtmp4.5/15, Error ellipse: s-maj=21.8km s-min=14.3km az=74.0

GCMT 12 02:23.9:0.4,53°35'S:23°66'E,h13km,1km,MW4.9/63, Moment Tensor Solution. s21,c24; s63,c78; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=3.06E-28; Mw=2.51E-21; Mw0.55E-17; Mw0.21E-15; Mw0.09E-11; Mw0.03E-8; Best double couple: M=3.14200E+16 N1=306.00000°,P=352.00000°,N=73.00000°; N2=30.100.00000°,P=841.00000°,N=110.00000°. Principal axes: T 2.9810, P16.0000, Azm24.0000, N 0.3240, P13.0000, Azm116.0000, P -3.3040, P16.0000, Azm27.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 02:20:23.9:0.2,53°25'S:23°53'E,h10km,mb5.0/26, MS4.6/17, Error ellipse: s-maj=10.2km s-min=7.4km az=82.0

Bull 12 02:20:24.0,53°28'S:23°37'E,h15km,mb5.1/1,mb5.6/4, MS5.2/4,MS7.4/9/4

ISC 12 02:22:7.0,3.53°27'S:0°07'23'26E:0.09,h10km,n202, s=185/188,mb4.9/35,MS4.7/20,1C,South of Africa

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like Syowa Base, Sutherland, Sutherland, etc.

Table with columns: LIC, Name, RA, Dec, Mag, P, and other details. Includes entries like Lamto, KIC, DBIC, TIC, TOAD, etc.

Table with columns: W13A, Name, RA, Dec, Mag, P, and other details. Includes entries like Hualapai Mount, RWY, TPO, etc.

Table with columns: SUR, Name, RA, Dec, Mag, P, and other details. Includes entries like 36nm,1.1s, SNA, SNA, etc.

ISCJB 12 02:24:57.0, 3.53, 175s, 0.05:23.6E, 0.1, h10km, mb.4/29, MS4.4/13, Error ellipse: s-maj=11.3km...

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for FITZ, WRA, ASAR, MJAR, STKA, MKAR, KURBB.

ISCJB 12 02:52:35.9:0.3, 53:27S:0:05:23.4E:0:1, h10km, mb4.9/35, MS4.4/11, Error ellipse: s-maj=11.4km s-min=7.0km az=167.7

ISC 12 02:52:36.0:0.6, 53:25S:23:61E, h0km, mb4.5/12, mb1.4/12, mb1mx4.4/28, mbtmp4.5/12, MS4.2/8, Ms1.4/1.8, ms1mx3.9/20, Error ellipse: s-maj=22.3km s-min=16.5km az=84.0

BUI 12 02:52:36.5:5.3:56S:23:81E, h6km, mb5.4/2, mb5.4/2, Ms5.3/2, Ms7.5/0.3

GCMT 12 02:52:38.5:0.3, 53:30S:23:58E, h12km, 1km, MW5.0/65, Moment Tensor Solution: s24, c31; s65, c91; Duration: 0 Moment tensor: Scale 1016Nm, Mr=3.81e23; Ms=2.87e18; Mw=0.94e16; Mo=0.83e44; Mw=1.53e11; Mw=0.03e41; Best double couple: Ms3.85100e1016 NP1=294.00000, s51.00000, a=97.00000; NP2=0e124.00000, s40.00000, a=82.00000; Principal axes: T 3.870, P1g6.00000, Azm28.00000, N 0.1330, P1g5.00000, Azm298.00000, P -3.9160, P1g82.00000, Azm165.00000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s.

NEIC 12 02:52:38.5:0.2, 53:21S:23:75E, h10km, mb5.0/29, Error ellipse: s-maj=9.4km s-min=7.7km az=85.0

ISC 12 02:52:38.0:0.3, 53:23S:0:06:23.5E:0:09, h10km, n171, s153/174, mb4.9/35, MS4.5/11, 1C-1D, South of Africa

Main table of station data for the first section, including stations like SYO, SUR, SNA, VNA, VNA1, VNA3, MAW, MAW1, MAW2, BOS, LBTB, TSPM, QSPA, LSZ, RER, PMSA, VNA, VNA1, VNA3, SBA, USHA, KMBO, H10S2, H10S3, TRQA, PLCA, CPUP, CPUP1, CPUP2, KIC, DBIC, DBIC1, DBIC2, TIC, GO05, NWA0, TOA0, TOA1, COCO, KOWA, PB04, BBO0, TAM, LPAZ, LPAZ1, LPAZ2, STKA, STKA1, AS31, AS01, AS02, IOSS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for WR1, WRA, WB2, WRAB, MARD, BR101, BR102, BR231, KSH, KSH1, KSH2, KSH3, KSH4, KSH5, KSH6, KSH7, KSH8, KSH9, KSH10, KSH11, KSH12, KSH13, KSH14, KSH15, KSH16, KSH17, KSH18, KSH19, KSH20, KSH21, KSH22, KSH23, KSH24, KSH25, KSH26, KSH27, KSH28, KSH29, KSH30, KSH31, KSH32, KSH33, KSH34, KSH35, KSH36, KSH37, KSH38, KSH39, KSH40, KSH41, KSH42, KSH43, KSH44, KSH45, KSH46, KSH47, KSH48, KSH49, KSH50, KSH51, KSH52, KSH53, KSH54, KSH55, KSH56, KSH57, KSH58, KSH59, KSH60, KSH61, KSH62, KSH63, KSH64, KSH65, KSH66, KSH67, KSH68, KSH69, KSH70, KSH71, KSH72, KSH73, KSH74, KSH75, KSH76, KSH77, KSH78, KSH79, KSH80, KSH81, KSH82, KSH83, KSH84, KSH85, KSH86, KSH87, KSH88, KSH89, KSH90, KSH91, KSH92, KSH93, KSH94, KSH95, KSH96, KSH97, KSH98, KSH99, KSH100.

ISCJB 12 02:55:44.9:0.8, 53:28S:23:67E, h0km, mb4.1/6, mb1.4/3.6, mb1mx3.9/30, mbtmp4.2/6, Error ellipse: s-maj=37.6km s-min=20.7km az=83.0

ISCJB 12 02:55:45.0:0.8, 53:25S:0:1:23.5E:0:4, h10km, mb4.1/6, Error ellipse: s-maj=37.6km s-min=20.7km az=83.0

ISC 12 02:55:46.5:1.0, 53:33S:0:1:23.6E:0:3, h10km, n10, s077/110, mb4.2/6, South of Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for GYA, GYA1, GYA2, GYA3, GYA4, GYA5, GYA6, GYA7, GYA8, GYA9, GYA10, GYA11, GYA12, GYA13, GYA14, GYA15, GYA16, GYA17, GYA18, GYA19, GYA20, GYA21, GYA22, GYA23, GYA24, GYA25, GYA26, GYA27, GYA28, GYA29, GYA30, GYA31, GYA32, GYA33, GYA34, GYA35, GYA36, GYA37, GYA38, GYA39, GYA40, GYA41, GYA42, GYA43, GYA44, GYA45, GYA46, GYA47, GYA48, GYA49, GYA50, GYA51, GYA52, GYA53, GYA54, GYA55, GYA56, GYA57, GYA58, GYA59, GYA60, GYA61, GYA62, GYA63, GYA64, GYA65, GYA66, GYA67, GYA68, GYA69, GYA70, GYA71, GYA72, GYA73, GYA74, GYA75, GYA76, GYA77, GYA78, GYA79, GYA80, GYA81, GYA82, GYA83, GYA84, GYA85, GYA86, GYA87, GYA88, GYA89, GYA90, GYA91, GYA92, GYA93, GYA94, GYA95, GYA96, GYA97, GYA98, GYA99, GYA100.

ISCJB 12 02:59:37.4:0.4, 53:11S:0:06:23.7E:0:2, h10km, mb4.7/22, Error ellipse: s-maj=15.1km s-min=8.7km az=171.8

ISC 12 02:59:37.3:0.6, 53:16S:23:73E, h0km, mb4.5/8, mb1.4/7.8, mb1mx4.2/34, mbtmp4.5/8, Error ellipse: s-maj=31.2km s-min=17.6km az=73.0

NEIC 12 02:59:38.5:0.3, 53:25S:23:54E, h10km, mb4.7/19, Error ellipse: s-maj=13.5km s-min=8.2km az=72.0

ISC 12 02:59:38.8:0.5, 53:20S:0:08:23.6E:0:1, h10km, n43, s152/45, mb4.6/22, South of Africa

Main table of station data for the second section, including stations like SUR, SNA, SNA1, SNA2, SNA3, SNA4, SNA5, SNA6, SNA7, SNA8, SNA9, SNA10, SNA11, SNA12, SNA13, SNA14, SNA15, SNA16, SNA17, SNA18, SNA19, SNA20, SNA21, SNA22, SNA23, SNA24, SNA25, SNA26, SNA27, SNA28, SNA29, SNA30, SNA31, SNA32, SNA33, SNA34, SNA35, SNA36, SNA37, SNA38, SNA39, SNA40, SNA41, SNA42, SNA43, SNA44, SNA45, SNA46, SNA47, SNA48, SNA49, SNA50, SNA51, SNA52, SNA53, SNA54, SNA55, SNA56, SNA57, SNA58, SNA59, SNA60, SNA61, SNA62, SNA63, SNA64, SNA65, SNA66, SNA67, SNA68, SNA69, SNA70, SNA71, SNA72, SNA73, SNA74, SNA75, SNA76, SNA77, SNA78, SNA79, SNA80, SNA81, SNA82, SNA83, SNA84, SNA85, SNA86, SNA87, SNA88, SNA89, SNA90, SNA91, SNA92, SNA93, SNA94, SNA95, SNA96, SNA97, SNA98, SNA99, SNA100.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MSO, MSO1, MSO2, MSO3, MSO4, MSO5, MSO6, MSO7, MSO8, MSO9, MSO10, MSO11, MSO12, MSO13, MSO14, MSO15, MSO16, MSO17, MSO18, MSO19, MSO20, MSO21, MSO22, MSO23, MSO24, MSO25, MSO26, MSO27, MSO28, MSO29, MSO30, MSO31, MSO32, MSO33, MSO34, MSO35, MSO36, MSO37, MSO38, MSO39, MSO40, MSO41, MSO42, MSO43, MSO44, MSO45, MSO46, MSO47, MSO48, MSO49, MSO50, MSO51, MSO52, MSO53, MSO54, MSO55, MSO56, MSO57, MSO58, MSO59, MSO60, MSO61, MSO62, MSO63, MSO64, MSO65, MSO66, MSO67, MSO68, MSO69, MSO70, MSO71, MSO72, MSO73, MSO74, MSO75, MSO76, MSO77, MSO78, MSO79, MSO80, MSO81, MSO82, MSO83, MSO84, MSO85, MSO86, MSO87, MSO88, MSO89, MSO90, MSO91, MSO92, MSO93, MSO94, MSO95, MSO96, MSO97, MSO98, MSO99, MSO100.

ISCJB 12 03:07:14.0:0.4, 15:38N:95:77W, h26km, 12km, MD3.5, Error ellipse: s-maj=38.8km s-min=25.7km az=2.0

MEX 12 03:07:14.0:0.4, 15:38N:95:77W, h26km, 12km, MD3.5, Error ellipse: s-maj=38.8km s-min=25.7km az=2.0

Main table of station data for the third section, including stations like HUIG, HUIG1, HUIG2, HUIG3, HUIG4, HUIG5, HUIG6, HUIG7, HUIG8, HUIG9, HUIG10, HUIG11, HUIG12, HUIG13, HUIG14, HUIG15, HUIG16, HUIG17, HUIG18, HUIG19, HUIG20, HUIG21, HUIG22, HUIG23, HUIG24, HUIG25, HUIG26, HUIG27, HUIG28, HUIG29, HUIG30, HUIG31, HUIG32, HUIG33, HUIG34, HUIG35, HUIG36, HUIG37, HUIG38, HUIG39, HUIG40, HUIG41, HUIG42, HUIG43, HUIG44, HUIG45, HUIG46, HUIG47, HUIG48, HUIG49, HUIG50, HUIG51, HUIG52, HUIG53, HUIG54, HUIG55, HUIG56, HUIG57, HUIG58, HUIG59, HUIG60, HUIG61, HUIG62, HUIG63, HUIG64, HUIG65, HUIG66, HUIG67, HUIG68, HUIG69, HUIG70, HUIG71, HUIG72, HUIG73, HUIG74, HUIG75, HUIG76, HUIG77, HUIG78, HUIG79, HUIG80, HUIG81, HUIG82, HUIG83, HUIG84, HUIG85, HUIG86, HUIG87, HUIG88, HUIG89, HUIG90, HUIG91, HUIG92, HUIG93, HUIG94, HUIG95, HUIG96, HUIG97, HUIG98, HUIG99, HUIG100.

ms1mx2.9/24, Error ellipse: s-maj=39.2km s-min=28.0km

az=62.0

ISC 12 03:08:49.0-1.1, 53.1S, 02:23:8E.03, h10km, n9, c05947, mb4.2/4, South of Africa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like SUR Sutherland, SNAA Sanae, BOSA Boshof, etc.

ISCJB 12 03:12:48.7-0.7, 24:27S, 0:05:67.34W, 0:07, h169km, mb3.3/4, Error ellipse: s-maj=9.5km s-min=6.8km

az=166.4

IDC 12 03:12:48:46:2.9, 24:26S:69:9W, h161km:26km, mb3.3/4, mb1 3.5/7, mb1mx3.3/28, mbtmp3.7/77, Error ellipse: s-maj=30.4km s-min=20.9km az=91.0

SJA 12 03:12:49.3-0.4, 24:31S:67:13W, h187km:6km, ML2.7, MW4.0

ISC 12 03:12:49.5-0.9, 24:24S:0:07:67.3W:0:1, h169km, n14, c1918/17, mb3.5/4, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like HJA Humahuaca, AZAP Zapla, CAFAYETE, etc.

JMA 12 03:19:33.2-0.1, 36.54N:141.94E, h34km:3km, M2.4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, JHO Hitachi, JFK Kawauchi, etc.

NIED 12 03:20:00.36:90N:141:30E, h11km, Mw5.5 Best double couple: M=2.25000x10^17 Np1.3x46.00000^2, delta.00000^2, lambda.88.00000^2. NP2:224.00000^2, delta.88.00000^2, lambda.91.00000^2.

BUI 12 03:20:44.2, 36:87N:141:38E, h10km, mb5.5/85, mb5.5/55, Ms5.7/92, Ms7.5/87

JMA 12 03:20:49.0-0.1, 36:97N:141:30E, h33km:1km, M5.9 Broadband fault: P waves. NP1:250.00000^2, delta.00000^2, lambda.59.00000^2. NP2:8.00000^2, delta.00000^2, lambda.125.00000^2. Principal axes: T: Plg4.00000^2, Azm302.00000^2; N: Plg25.00000^2, Azm34.00000^2; P: Plg65.00000^2, Azm203.00000^2.

JMA Felt IV J1.

NEIC 12 03:20:49.0-0.0, 36:99N:141:38E, h11km, Moment Tensor Solution. s19 Moment tensor: Scale 10^17Nm; M=2.45; M=0.86; M=0.31; M=0.92; M=1.16; Best double couple: M=2.60000x10^17 Np1.3x197.00000^2, delta.00000^2, lambda.108.00000^2. NP2:48.00000^2, delta.00000^2, lambda.64.00000^2. Principal axes: T: 2.3500, Plg10.00000^2; Azm299.00000^2; N: 0.4900, Plg15.00000^2, Azm207.00000^2; P: 2.8500, Plg71.00000^2, Azm61.00000^2.

NEIC 12 03:20:50.0-0.1, 36:99N:141:07E, h16km, mb.6/0/295, ME5.7, MS5.2/178, MW5.5, MW5.5 Error ellipse: s-maj=2.4km s-min=1.7km az=140.0, Moment Tensor Solution. s64 Moment tensor: Scale 10^17Nm; M=1.60; M=0.92; M=0.68; M=0.80; M=0.50; M=1.21; Best double couple: M=2.10000x10^17 Np1.3x58.00000^2, delta.00000^2, lambda.73.00000^2. NP2:220.00000^2, delta.00000^2, lambda.97.00000^2. Principal axes: T: 1.8800, Plg22.00000^2; Azm315.00000^2; N: 0.3400, Plg7.00000^2, Azm222.00000^2; P: 2.2200, Plg67.00000^2, Azm117.00000^2. Broadband fault plane solution: P waves. NP1:25.00000^2, delta.00000^2, lambda.90.00000^2. NP2:205.00000^2, delta.00000^2, lambda.90.00000^2. Principal axes: T: Plg25.00000^2, Azm295.00000^2; N: Plg0.00000^2, Azm0.00000^2; P: Plg65.00000^2, Azm115.00000^2. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt (I) at Tokyo, Felt widely in eastern Honshu. Recorded [4 JMA] in Fukushima and Ibaraki.

IDC 12 03:20:50.1-2.5, 37:01N:141:13E, h17km:15km, mb5.6/35, mb1 5.6/39, mb1mx5.6/40, mbtmp5.7/39, ML4.8/4, MS5.1/26, Ms1 5.1/26, ms1mx1.8/50 Error ellipse: s-maj=11.5km s-min=9.1km az=113.0

MOS 12 03:20:50.8-0.9, 37:11N:141:15E, h30km, mb.6, 1/136, MS5.5/8, Error ellipse: s-maj=5.5km s-min=3.7km az=105.5

MOS Felt (I) at Yuzhno-Kuril'sk.

ISCJB 12 03:20:50.0-0.3, 36:96N:0:01:141:12E:0:01, h29km:2km, mb5.9/609, MS5.3/242, Error ellipse: s-maj=2.3km s-min=1.6km az=150.1

GCMT 12 03:20:50.0-0.1, 37:06N:141:25E, h16km, MW5.6/140, Moment Tensor Solution. s112,c203, s140,c345; Duration: 146 Moment tensor: Scale 10^17Nm; M=2.81; M=1.04; M=1.30; M=1.51; M=1.03; M=1.8; M=1.08; M=1.38; M=1.02; M=1.18; M=1.07; Best double couple: M=3.53600x10^17 Np1.3x217.00000^2, delta.00000^2, lambda.95.00000^2. NP2:48.00000^2, delta.00000^2, lambda.80.00000^2. Principal axes: T: 3.5110, Plg19.00000^2, Azm311.00000^2; N: 0.0500, Plg5.00000^2, Azm219.00000^2; P: 3.5610, Plg71.00000^2, Azm116.00000^2; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISC 12 03:20:50.3-0.3, 36:98N:0:02:141:21E:0:03, h20km:2km,

h21km:pP-P,n2060,c1933/2148,mb6.0/656,MS5.3/246, 94C-63D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, JFK Kawauchi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like MDJ, CN2, TYV, etc.

CM01	comp=Z,281nm,1.3s,comp=Z,4um	41.33 255	eP	P	03 28 33.9 -0.9
MPSI	Chiang Mai Arr	41.45 213	eP	P	03 28 35.7 0.0
LUWI	Mapaga	41.45 213	eP	P	03 28 37.2 +0.9
LUWI	comp=Z,114nm,1.5s,comp=Z,2um	41.52 208	eP	P	03 28 37.8 +0.9
LUWI	comp=Z,378nm,1.0s,comp=Z,3um	41.52 208	eP	P	03 28 34.9 -1.4
SRAK	Luwuk	41.52 208	eP	P	03 28 34.9 -1.4
MSAI	comp=Z,433nm,1.2s	41.59 247	P	P	03 28 34.4 -3.3
MSAI	Srakaw	41.72 199	P	P	03 28 39.0 +1.1
ZAA1	Nasohi	41.72 199	P	P	03 28 39.0 +1.1
ZAA1	comp=Z,711nm,1.4s,comp=Z,2um,comp=Z,338um	41.83 312	eP	P	03 28 38.2 -0.3
ZAA1	Zalesovo Array	41.83 312	eP	P	03 30 34.0 -0.1
ZAA1	comp=Z,164nm,0.7s,baz=93,slow=6.6,SNR=477	41.83 312	eP	P	03 30 34.0 -0.1
ZALV	Zalesovo Beam	41.83 312	eP	P	03 30 34.0 -0.1
ZALV	comp=Z,47nm,0.8s,baz=110,slow=2.5,SNR=52	41.83 312	eP	P	03 34 23.0 -0.3
ZALV	comp=Z,15nm,0.8s,baz=107,slow=3.2,SNR=7.3	41.83 312	eP	P	03 34 23.0 -0.3
ZALV	comp=Z,4um,18.1s,baz=70,slow=37	41.83 312	eP	P	03 46 45.8
APSI	Ampana	41.84 210	P	P	03 28 38.8 -0.1
NAYO	comp=Z,365nm,1.2s,comp=Z,2um	42.03 248	P	P	03 28 40.8 +0.3
NAYO	Nakonayok	42.03 248	P	P	03 28 40.8 +0.3
LSA	comp=Z,66nm,1.0s,comp=Z,1um	42.05 275	eP	P	03 28 41.9 +0.7
LSA	Lhasa	42.05 275	eP	P	03 28 49.3 -0.7
LSA	comp=Z,130nm,1.1s	42.05 275	eP	P	03 34 22.9 -0.3
LSA	comp=Z,1um,16.6s	42.05 275	eP	P	03 38 28.2 -0.3
LSA	comp=Z,3um,15.2s	42.05 275	eP	P	03 30 34.0 -0.1
LSA	comp=Z,6um,16.6s	42.05 275	eP	P	03 34 23.0 -0.3
LSA	Lhasa	42.05 275	eP	P	03 28 42.3 +1.1
LSA	comp=Z,141nm,1.0s	42.05 275	eP	P	03 28 42.3 +1.1
LSA	comp=Z,1um,19.0s	42.05 275	eP	P	03 28 42.3 +1.1
LSA	Lhasa	42.05 275	eP	P	03 28 42.3 +1.1
LSA	comp=Z,141nm,1.0s	42.05 275	eP	P	03 28 42.3 +1.1
LSA	comp=Z,1um,19.0s	42.05 275	eP	P	03 28 41.9 +0.7
LSA	Lhasa	42.05 275	eP	P	03 28 41.9 +0.7
LNAI	Namlea	42.12 201	P	P	03 28 42.2 +1.1
AAI	comp=Z,152nm,0.9s,comp=Z,2um	42.24 200	P	P	03 28 43.0 +0.9
AAI	Ambon	42.24 200	P	P	03 28 45.5 +0.3
BNDI	Bandanaira	42.61 197	P	P	03 28 45.5 +0.3
UTHA	Uthaitani	42.66 251	P	P	03 28 45.9 +0.2
NVS	comp=Z,66nm,1.1s,comp=Z,2um	42.76 314	eP	P	03 28 45.9 -0.1
NVS	Novosibirsk	42.76 314	eP	P	03 35 06.0 -2.6
NVS	comp=Z,201nm,1.0s	42.76 314	eP	P	03 38 41.5
NVS	comp=E,81nm,1.1s	42.76 314	eP	P	03 38 41.5
NVS	comp=N,43nm,1.8s	42.76 314	eP	P	03 38 41.5
NVS	comp=E,80nm,1.3s	42.76 314	eP	P	03 38 41.5
SDPT	Sand Point	42.96 45	eP	P	03 28 47.0 -0.5
SHL	comp=E,178nm,0.6s	43.24 269	iP	P	03 28 50.0 -0.5
SGKI	Shilong	43.24 269	iP	P	03 29 44.9 -5.6
SMKI	Sangata, Kali	43.27 216	P	P	03 28 52.2 +0.8
SBUM	Samarinda	43.27 216	P	P	03 28 52.2 +0.8
SBUM	comp=E,269nm,0.9s,comp=E,7um	43.51 225	eP	P	03 28 53.2 +0.7
SBUM	Sibu	43.51 225	eP	P	03 28 53.2 +0.7
SRDT	comp=Z,376nm,1.1s	43.51 225	eP	P	03 28 53.2 +0.7
SRDT	comp=Z,2um,18.0s	43.51 225	eP	P	03 28 53.2 +0.7
SRDT	SRDT	43.51 225	eP	P	03 28 53.2 +0.7
MK01	comp=Z,117nm,0.9s,comp=Z,2um	44.01 302	eP	P	03 28 55.3 +0.6
MK01	Makanchi Array	44.01 302	eP	P	03 28 55.3 +0.6
MK31	comp=Z,250nm,0.9s	44.01 302	eP	P	03 28 55.3 +0.6
MK31	Makanchi Array	44.01 302	eP	P	03 28 55.3 +0.6
MK32	comp=Z,117nm,0.9s,comp=Z,2um	44.01 302	eP	P	03 28 55.3 +0.6
MK32	Makanchi Array	44.01 302	eP	P	03 28 55.3 +0.6
MK32	comp=Z,250nm,0.9s	44.01 302	eP	P	03 28 55.3 +0.6
MK32	Makanchi Array	44.01 302	eP	P	03 28 55.3 +0.6
MKAR	comp=Z,96nm,0.7s,baz=69,slow=9.6,SNR=962	44.01 302	eP	P	03 30 41.4 -0.2
MKAR	comp=Z,35nm,0.9s,baz=70,slow=7.1,SNR=3.6	44.01 302	eP	P	03 30 41.4 -0.2
MKAR	comp=Z,12nm,0.9s,baz=79,slow=6.3,SNR=6.1	44.01 302	eP	P	03 34 32.5 +0.3
MKAR	comp=Z,3um,18.4s,baz=82,slow=37	44.01 302	eP	P	03 48 11.0
MKAR	Makanchi Array	44.01 302	eP	P	03 28 55.6 -0.3
MKAR	comp=Z,96nm,0.7s	44.01 302	eP	P	03 28 55.6 -0.3
MKAR	comp=Z,947nm,0.8s	44.01 302	eP	P	03 28 55.6 -0.3
MKAR	comp=Z,96nm,0.7s	44.01 302	eP	P	03 30 41.4 -0.2
MKAR	comp=Z,947nm,0.8s	44.01 302	eP	P	03 34 32.5 +0.3
PHET	Kaeng Krachan	44.19 248	eP	P	03 28 58.8 +0.8
MAKZ	comp=Z,67nm,0.9s,comp=Z,670nm	44.22 302	iP	P	03 28 57.4 -0.6
MAKZ	Makanchi	44.22 302	iP	P	03 28 57.4 -0.6
MAKZ	comp=Z,208nm,1.0s	44.22 302	iP	P	03 28 57.4 -0.6
MAKZ	comp=Z,234nm,1.1s	44.22 302	iP	P	03 28 57.4 -0.6
BKB	Balikpapan	44.23 216	P	P	03 28 58.0 -0.3
TTSI	comp=Z,791nm,1.0s,comp=Z,2um	44.52 211	P	P	03 29 03.0 -0.3
TTSI	Tana Toraja	44.52 211	P	P	03 29 03.0 -0.3
MTKI	comp=Z,90nm,1.9s,comp=Z,1um	44.93 219	P	P	03 29 04.7 +0.8
MTKI	Muara Teweih, K	44.93 219	P	P	03 29 04.7 +0.8
MMPI	Merauke	45.21 181	P	P	03 29 07.1 +1.1
SPSI	Sidrap Palu	45.37 211	P	P	03 29 06.8 -0.6
KSM	comp=Z,234nm,1.2s,comp=Z,2um	45.40 226	eP	P	03 29 08.8 +1.3
KSM	Kuching	45.40 226	eP	P	03 29 09.1 +1.5
SVW2	Sparrevohn	45.66 37	eP	P	03 29 10.7 +1.4
SAUI	comp=Z,351nm,1.0s	45.68 194	P	P	03 29 10.8 +1.0
SAUI	Saumlaki	45.68 194	P	P	03 29 11.3 +1.5
SAUI	comp=Z,551nm,1.3s,comp=Z,2um	45.68 194	P	P	03 29 11.3 +1.5
TAPN	Taplelung	45.78 274	eP	P	03 29 11.3 +0.3
KURK	Kurchatov	45.84 308	iP	P	03 29 10.3 -0.4
KURK	comp=Z,1um,1.2s	45.84 308	iP	P	03 29 10.3 -0.4
KURK	comp=Z,5um,16.0s	45.84 308	iP	P	03 29 10.3 -0.4
KURK	Kurchatov	45.84 308	iP	P	03 29 10.3 -0.4
KURK	comp=Z,4um,1.1s	45.84 308	iP	P	03 29 10.3 -0.4
KURK	comp=Z,3um,21.0s	45.84 308	iP	P	03 29 10.3 -0.4
STKI	Sintang	45.89 224	P	P	03 29 12.2 +0.7
TARA	comp=Z,385nm,1.1s,comp=Z,6um	45.97 133	eP	P	03 29 10.8 -1.3
TARA	Tarawa	45.97 133	eP	P	03 29 10.8 -1.3
ODAN	Odare	46.25 273	eP	P	03 29 14.8 +0.2
KAPI	comp=Z,519nm,1.0s	46.33 210	eP	P	03 29 14.5 -0.5
KAPI	Kappang	46.33 210	eP	P	03 29 14.5 -0.5
KAPI	comp=Z,973nm,1.3s	46.33 210	eP	P	03 30 49.2 -0.8
KAPI	comp=Z,12um,19.0s	46.33 210	eP	P	03 30 49.2 -0.8
KAPI	Kappang	46.33 210	eP	P	03 29 16.1 +1.1
KBKI	Kotabaru	46.36 216	P	P	03 29 15.5 +0.3
PMG	Port Moresby	46.48 172	iP	P	03 29 16.3 +0.3
PMG	comp=Z,178nm,1.0s	46.48 172	iP	P	03 29 16.3 +0.3
PMG	comp=Z,2um,17.0s	46.48 172	iP	P	03 29 16.3 +0.3
PMG	Port Moresby	46.48 172	iP	P	03 29 16.2 +0.2
SHLS	Shalkode	46.72 298	iP	P	03 29 13.9 -4.0
SHLS	comp=Z,2um,1.1s	46.72 298	iP	P	03 29 13.9 -4.0
SHLS	Redoubt South	46.72 298	iP	P	03 29 13.9 -4.0
IMAR	Indra Mountain	46.78 31	eP	P	03 29 18.2 +0.2
RAMN	Ramite	46.84 274	eP	P	03 29 19.5 +0.2
JIRN	Jiri	46.86 275	eP	P	03 29 20.0 +0.5
OHAK	Old Harbor	46.91 43	eP	P	03 29 18.9 0.0
OHAK	comp=Z,223nm,0.8s	46.91 43	eP	P	03 29 18.9 0.0
OHAK	comp=Z,2um,1.0s	46.91 43	eP	P	03 29 18.9 0.0
KTMG	Kuala Trengganu	46.92 237	iP	P	03 36 09.7 +1.1
GUN	Gumba	47.00 276	eP	P	03 29 20.4 +0.7
GUN	comp=Z,626nm,1.0s	47.00 276	eP	P	03 29 20.9 +0.3
GUN	Taiwoorghan	47.00 276	eP	P	03 29 20.9 +0.3
TDK	comp=Z,262nm,1.2s	47.02 300	iP	P	03 29 20.0 -0.1
TDK	comp=Z,898nm,1.0s	47.02 300	iP	P	03 29 20.0 -0.1
TDK	comp=Z,4um,14.1s	47.02 300	iP	P	03 49 19.8
UZB	Uzymbulak	47.03 298	iP	P	03 29 18.7 -1.7
UZB	comp=Z,1um,1.3s	47.03 298	iP	P	03 29 18.7 -1.7
UZB	comp=Z,3um,14.7s	47.03 298	iP	P	03 29 18.7 -1.7
RSO	Redoubt South	47.05 38	eP	P	03 29 20.8 +0.4
BBKI	Banjar Baru	47.13 217	P	P	03 29 22.0 +0.7
BBKI	comp=Z,38nm,1.0s	47.13 217	P	P	03 29 22.0 +0.7
KDAK	Kodiak Island	47.25 42	eP	P	03 29 21.9 +0.2
KDAK	comp=Z,438nm,0.7s,baz=263,slow=3.2,SNR=200	47.25 42	eP	P	03 29 21.9 +0.2
KDAK	Kodiak Island	47.25 42	eP	P	03 29 21.7 0.0
PPLA	Purkeypile	47.31 35	eP	P	03 29 23.6 +1.3
CAST	Castle Rocks	47.36 34	eP	P	03 29 23.8 +1.2
SPU	Mount Spurr	47.38 37	eP	P	03 29 23.8 +1.1
SURT	Suratani	47.41 245	P	P	03 29 24.3 +0.9
ZHN	Zhinishke	47.44 298	iP	P	03 29 22.3 -1.3
ZHN	comp=Z,36nm,0.9s,comp=Z,1um	47.44 298	iP	P	03 29 22.3 -1.3
ZHN	comp=Z,518nm,1.3s	47.44 298	iP	P	03 29 22.3 -1.3
ZHN	ZHN	47.44 298	iP	P	03 36 17.6 +0.7
ZHN	comp=Z,2um,12.9s	47.49 298	iP	P	03 49 10.9
SATY	Saty	47.49 298	iP	P	03 29 22.6 -1.4
SATY	comp=Z,882nm,1.3s	47.49 298	iP	P	03 29 22.6 -1.4
SATY	comp=Z,3um,11.8s	47.52 275	eP	P	03 36 18.3 +0.6
PKI	Pulchoki	47.52 275	eP	P	03 50 12.7
PKI	Pulchoki	47.52 275	eP	P	03 29 24.6 0.0
KKN	Kakani	47.53 276	eP	P	03 29 24.8 +0.3
PKIN	Phulchoki	47.53 275	eP	P	03 29 24.4 -0.2
PKIN	comp=Z,251nm,1.1s	47.53 275	eP	P	03 29 24.4 -0.2
DMN	Daman	47.74 276	eP	P	03 29 26.4 +0.1
CNPM	China Poot	47.85 39	eP	P	03 29 26.7 +0.3
BPWA	Bear Paw Mtn.	47.86 33	eP	P	03 29 27.4 +1.0
KTH	comp=Z,258nm,1.6s	47.89 34	eP	P	03 29 27.7 +1.1
KTH	Kantishna Hill	47.89 34	eP	P	03 29 27.7 +1.1
GKN	Gorkha	47.95 276	eP	P	03 29 27.9 +0.2
MLY	Manley	47.98 32	eP	P	03 29 28.4 +1.1
SUA	Bradley Lake	48.00 37	eP	P	03 29 28.0 +0.3
BRLK	Bradley Lake	48.01 39	eP	P	03 29 28.5 +0.9
BRLK	comp=Z,180nm,0.8s	48.01 39	eP	P	03 29 28.5 +0.9
PBKI	Pangkalan Bun	48.10 221	P	P	03 29 29.5 +0.8
TRF	Thorfare Mount	48.17 34	eP	P	03 29 29.7 +0.7
COLD	Coldfoot	48.28 29	eP	P	03 29 29.9 +0.3
COLD	comp=Z,162nm,1.6s	48.28 29	eP	P	03 29 29.9 +0.3
COLD	comp=Z,1um,20.0s	48.28 29	eP	P	03 29 29.9 +0.3
MDOK	Medeo	48.42 298	iP	P	03 29 29.7 -1.5
MDOK	comp=Z,867nm,1.3s	48.42 298	iP	P	03 29 29.7 -1.5
MDOK	comp=Z,5um,16.2s	48.46 244	P	P	03 36 31.5 +0.6
PKDT	Phuket	48.46 244	P	P	03 49 48.0
DANN	Dangsi	48.49 277	eP	P	03 29 32.8 +1.2
AAA	Alma-Ata	48.50 298	eP	P	03 29 32.5 +0.4
AAA	Alma-Ata	48.50 298	eP	P	03 29 32.6 +0.9
AAA	comp=Z,1um,3.5s	48.50 298	eP	P	03 29 32.6 +0.9
AAA	comp=Z,				

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KCSI, GMJI, BKNI, BKNI, EGAK, DDI, DDI, PPMI, MSLI, SMRI, SMRI, SMLA, SMLA, SMLA, TPTI, PWJI, DHRM, DHRM, SDSI, DAWY, BHK, BHK, KK31, KK31, KKAR, KKAR, PCJI, CHLP, CHLP, THN, THN, UGM, UGM, PCA, PDSI, KPJI, BRLL, BRLL, NDI, GSI, GSI, IUG, IUG, KLI, SNSI, TNG, TNG, BLSI, MASI, JBP, JBP, JBP, SBJI, DBJI, VIS, CISI, CISI, LWLI, KASI, KIP, KIP, KIP, HYT, SKJI, INK, INK, INK, SISI, PPSI, SVE, SVE, SVE, SVE, NGP, NGP, PVM, PVM, PVM, WHY, WHY, BHP, BHP, ARU, ARU, ARU, ARU, ARU, ARU, BESE, SIT, SIT, AJM, RPR, RPR.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like RPR, RPR, WB0, WB0, WB9, WB9, WB8, WB8, WB6, WB6, WB5, WB5, CTAO, CTAO, CTAO, WB3, WB3, WC2, WC2, WC1, WC1, WRAB, WRAB, WRAB, WR0, WR0, WR8, WR8, WR7, WR7, WB2, WB2, WR1, WR1, WR5, WR5, WRA, WRA, WRA, WR3, WR3, WR4, WR4, POHA, POHA, KBL, KBL, KBL, KBL, SRSP, SRSP, SRSP, ADKI, ADKI, ADKI, AB31, AB31, ABKAR, ABKAR, NJS, NJS, NJS, HYB, HYB, HYB, HYBB, HYBB, HYBB, CRAIG, CRAIG, WRAL, WRAL, SRLM, SRLM, SRLM, AKTO, AKTO, DLBC, DLBC, MDRS, MDRS, SKHT, SKHT, SKHT, SKHT, KLRI, KLRI, KLRI, KLRI, DIB, DIB, HOPEN, HOPEN, HOPEN, SPAO, SPAO, SPAO, SPAO, KBS, KBS, KBS.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KBS, KBS, KBS, AS01, AS01, AS01, ASAR, ASAR, ASAR, POO, MBWA, HSPB, HSPB, HSPB, BHJ, BHJ, LVZ, LVZ, LVZ, PALK, PALK, PALK, PALK, PALK, RES, RES, EIDS, TMC, TMC, TMC, GOA, DZM, DZM, KEV, KEV, KEV, KEV, KLMR, KLMR, KLMR, KLMR, GYET, GYET, HAMP, HAMP, HAMP, YKW3, YKW3, YKA, YKA, YKA, YKB5, ARAO, ARCS, ARCS, AREO, AREO, COCO, COCO, TRD, TULEG, TULEG, TRO, TRO, XMAS, LLLB, PGC, NLWA, A04D, MOS, MOS, MOS, MOS, MOS, AFI, B05A, VRH, VRH, VRH, VRH, VRH.

B06A	Marblemount	67.69	45	eP	P	03 31 46.8 +0.9
ARMA	Armidale	67.75	170	eP	P	03 31 47.8 +1.4
F03A	Seaside	67.79	49	eP	P	03 31 48.4 +1.8
STEI	Steigen	67.86	341	eP	P	03 31 47.3 +0.7
OBN	Obninsk	68.04	323c	iP	P	03 31 47.3 -0.7
OBN				i		03 31 53.7
OBN				i		03 32 17.8
OBN				i		03 34 19.5
OBN				iS	S	03 40 45.1 -0.9
OBN				pmax	pmax	
OBN	comp=Z,89nm,0.8s			MLR	MLR	
OBN	comp=Z,3um,15.0s					
F04D	Rainier, OR	68.04	323	eP	P	03 31 47.5 -0.4
F04D	baz=301,SNR=6.5	68.04	48	eP	P	03 31 49.8 +1.6
D05A	Eunclaw	68.08	47	P	P	03 31 50.4 +2.0
PUL	Pulkovo	68.16	329f	eP	P	03 31 49.2 +0.6
PUL	comp=Z,149nm,0.9s			pmax	pmax	
PUL				MLR	MLR	
LPSR	Galich ya Gora	68.24	320	eP	P	03 31 48.7 -0.6
LPSR				eSP	S	03 31 55.2 -0.1
LPSR				eS	S	03 40 46.0 -2.5
LPSR				pmax	pmax	
LPSR	comp=Z,160nm,0.8s			smax	smax	
LPSR	comp=Z,150nm,0.8s					
LPSR	comp=N,240nm,1.6s					
PNT	Penitcion	68.33	44	eP	P	03 31 50.7 +0.7
PNT	Penitcion	68.33	44	eP	P	03 31 50.7 +0.7
OBSR	Observation Ro	68.33	47	eP	P	03 31 52.0 +1.7
G03D	McClinnville, O	68.34	49	P	P	03 31 51.7 +1.7
MAK	Makhachkala	68.36	308	eP	P	03 31 43.3 -6.9
MAK				e		03 34 16.9
MAK				ePPP	PPP	03 35 5.2
MAK				eS	S	03 40 38.5 -1.2
MAK				pmax	pmax	
MAK	comp=Z,104nm,1.2s			MLR	MLR	
MAK	comp=Z,4um,13.0s					
TDL	Tradodollar La	68.38	48	eP	P	03 31 51.9 +1.4
LON	Longmire	68.47	47	eP	P	03 31 51.5 +0.9
LON				pmax	pmax	
LON	comp=Z,43nm,1.0s					
LON	comp=Z,43nm,1.0s					
B202	Windy Ridge, M	68.48	48	eP	P	03 31 52.5 +1.5
STKA	Stephens Creek	68.50	180	eP	P	03 31 51.2 +0.2
STKA	comp=Z,42nm,0.8s, baz=344, slow=7.2, SNR=67			LR	LR	04 01 03.9
STKA	comp=Z,862nm,20.0s, baz=354, slow=35			LR	LR	
STKA	Stephens Creek	68.50	180	eP	P	03 31 51.2 +0.2
STKA				pmax	pmax	
STKA	comp=Z,19nm,1.2s					
STKA	Stephens Creek	68.50	180	eP	P	03 31 51.2 +0.2
STKA	comp=Z,19nm,1.2s					
FORT	Forrest	68.52	192	eP	P	03 31 51.3 +0.2
COR	Corvallis	68.64	50	eP	P	03 31 54.0 +2.1
COR				pmax	pmax	
COR	comp=Z,350nm,1.0s					
COR	Corvallis	68.64	50	eP	P	03 31 54.0 +2.1
COR	comp=Z,349nm,0.9s					
FIA1	FINESS Array S	68.78	332	eP	P	03 31 52.3 -0.2
FIA0	FINESS Array S	68.79	332	eP	P	03 31 52.3 -0.2
FIA0	FINESS Array S	68.79	332	eP	P	03 31 52.3 -0.2
FINES	FINESS Array B	68.79	332	eP	P	03 31 52.3 -0.2
FINES	comp=Z,89nm,0.8s, baz=59, slow=7.4, SNR=126			LR	LR	04 04 17.9
FINES	comp=Z,3um,18.3s, baz=18, slow=38			LR	LR	
LTY	Liberty	68.81	46	eP	P	03 31 53.9 +0.8
G04A	Storozhevoye	68.82	49	eP	P	03 31 54.7 +1.7
VSR	Storozhevoye	68.86	319	eP	P	03 31 52.2 -1.0
VSR				eSP	PP	03 31 58.6 -1.2
VSR				eS	S	03 40 53.1 -2.9
VSR				pmax	pmax	
VSR	comp=Z,100nm,0.7s			pmax	pmax	
VSR	comp=Z,110nm,0.7s			smax	smax	
KEBM	Edson Butte	68.88	52	eP	P	03 31 55.6 +2.0
B08A	Colville Reser	68.99	45	eP	P	03 31 54.6 +0.4
IO3D	Drain, O	69.07	51	P	P	03 31 56.6 +2.0
H04A	Detroit Lake	69.27	49	eP	P	03 31 56.8 +0.9
KBO	Bosley Butte	69.29	52	eP	P	03 31 58.5 +2.3
GROC	Groznyy	69.31	309	eP	P	03 31 46.3 -1.0
GROC				e	S	03 32 13.8
GROC				eS	S	03 40 53.9 -7.6
GROC				pmax	pmax	
MOR8	Moi Rana	69.36	340	eP	IAMB	03 31 54.7 -1.3
MOR8				IAMB	IAMB	03 32 03.8
G05D	Wamic, OR	69.50	48	P	P	03 31 58.8 +1.6
BBO0	Buckleboo	69.59	185	eP	P	03 31 58.1 +0.3
IO4A	Tendick Farm,	69.60	50	P	P	03 31 59.4 +1.4
L02D	Cave Junction,	69.72	52	P	P	03 32 00.3 +1.6
KRMB	Red Mountain	69.86	53	eP	P	03 32 01.9 +2.2
HUM0	Hull Mountain	69.89	51	eP	P	03 32 01.4 +1.6
C09A	Chrisman Ranch	69.89	45	eP	P	03 32 00.3 +0.6
G06A	Carlson Farm	69.91	48	eP	P	03 32 00.8 +0.9
D08A	Wollman Farm,	69.93	46	eP	P	03 32 00.4 +0.5
IO5D	Terrebonne, OR	69.96	49	P	P	03 32 01.6 +1.4
F07A	Phinny Hill Vi	69.97	47	eP	P	03 32 01.2 +1.1
J04D	Umpqua Nationa	70.08	51	P	P	03 32 02.7 +1.6
JCC	Jacoby Creek	70.15	54	eP	P	03 32 03.3 +2.0
E08A	Dider Farm, El	70.16	46	eP	P	03 32 02.0 +0.7
NEW	Newport	70.28	44	eP	P	03 32 02.9 +0.8
NEW	Newport	70.28	44	eP	P	03 32 03.0 +0.8
NEW	Newport	70.28	44	eP	P	03 32 02.6 +0.5
KHMM	Horse Mountain	70.31	53	eP	P	03 32 04.5 +2.0
VSU	Vasula	70.42	329f	iP	P	03 32 02.0 -0.6
VSU				pmax	pmax	
VSU	comp=Z,334nm,0.9s			MLR	MLR	
VSU	comp=Z,6um,17.0s					
YBH	Yreka Blue Hor	70.51	52	P	P	03 32 05.3 +1.6
YBH	Yreka Blue Hor	70.51	52	eP	P	03 32 04.9 +1.3
YBH				pmax	pmax	
YBH	comp=Z,130nm,1.1s					
YBH	Yreka Blue Hor	70.51	52	eP	P	03 32 04.9 +1.3
YBH	comp=Z,135nm,1.1s					
NCK	Nalchik	70.51	310f	iP	P	03 32 03.5 -0.1
NCK				pmax	pmax	
NCK	comp=Z,35nm,0.6s			MLR	MLR	
J05D	Fort Rock, OR	70.59	50	P	P	03 32 06.0 +1.7
M02C	Callanan	70.60	53	P	P	03 32 06.1 +1.9

K04D	Chiloquin, OR	70.63	51	P	P	03 32 06.0 +1.6
E09A	Wood Farm, Sta	70.67	46	eP	P	03 32 05.3 +0.9
KMRM	Mali Ridge	70.68	54	eP	P	03 32 06.7 +2.0
ZEI	Tsey	70.71	309	eP	P	03 32 00.4 -4.6
ZEI	comp=Z,168nm,1.0s			pmax	pmax	
ZEI	comp=N,99nm,0.9s			pmax	pmax	
ZEI	comp=E,234nm,0.9s			pmax	pmax	
SUMG	Summit	70.74	360	eP	P	03 32 05.4 +0.5
SUMG	comp=Z,250nm,1.2s			pmax	pmax	
SUMG	Summit	70.74	360	iP	P	03 32 05.7 +0.8
SUMG	comp=Z,151nm,1.2s					
SUMG	Summit	70.74	360	eP	P	03 32 05.4 +0.5
WBK	Wadi Bani Khal	70.80	284	P	P	03 32 07.0 +1.4
KIV	Kislovodsk	70.82	311	eP	P	03 32 05.5 0.0
KIV				e	S	03 34 43.0
KIV				eSS	SS	03 41 19.7 +0.3
KIV				eSS	SS	03 45 55.2 +4.1
KIV	comp=Z,308nm,1.1s			pmax	pmax	
KIV	comp=Z,141nm,5.8s			MLR	MLR	
KIV	comp=Z,1um,18.0s					
KIV	Kislovodsk	70.82	311	eP	P	03 32 05.5 0.0
KIV	comp=Z,270nm,1.0s			LR	LR	
KIV	comp=Z,2um,19.0s					
KIV	Kislovodsk	70.82	311	P	P	03 32 06.2 +0.7
KIV	Kislovodsk	70.82	311	iP	P	03 32 06.1 +0.6
KIV	SNR=35					
G08A	Pilot Rock	70.87	47	eP	P	03 32 06.5 +0.7
N02D	Trinity Center	70.92	53	P	P	03 32 07.9 +1.7
BIDO	Bidbid	70.96	285	P	P	03 32 08.0 +1.4
M04C	Macdoel	71.03	52	P	P	03 32 08.4 +1.5
KCPM	Cahto Peak	71.04	54	eP	P	03 32 08.7 +1.7
BAN0R	Banah	71.07	289	P	P	03 32 08.7 +1.4
BAN0M	Banah	71.07	289	iP	P	03 32 07.5 +0.3
BAN0M	SNR=42					
BAN0M	Banah	71.07	289	iP	P	03 32 07.5 +0.3
BAN0M	SNR=42					
K05A	Summer Lake	71.11	50	eP	P	03 32 08.9 +1.5
SHME	Shamm	71.12	289	iP	P	03 32 07.8 +0.2
SHME	SNR=70					
NEY	Neytrino	71.18	310c	iP	P	03 32 09.0 +1.2
NEY				pmax	pmax	
NEY	comp=Z,8.0nm,0.8s			MLR	MLR	
IO7A	Izee	71.21	49	eP	P	03 32 09.2 +1.3
WDC	Whiskeytown Da	71.23	53	eP	P	03 32 09.3 +1.3
WDC				pmax	pmax	
WDC	comp=Z,120nm,1.0s					
WDC	Whiskeytown Da	71.23	53	eP	P	03 32 09.3 +1.3
WDC	comp=Z,123nm,1.0s					
MDH	Madha	71.41	288	iP	P	03 32 08.4 -0.8
MDH	SNR=14					
MDH	Madha	71.41	288	iP	P	03 32 08.4 -0.8
MSFE	Esma-Masafi	71.48	288	iP	P	03 32 10.1 +0.4
MSFE	SNR=48					
MSFE	Esma-Masafi	71.48	288	iP	P	03 32 10.1 +0.4
MSFE	SNR=48					
F10A	Beach Ranch, E	71.50	46	eP	P	03 32 10.6 +0.9
WALA	Waterton Lakes	71.59	42	eP	P	03 32 10.7 +0.6
GNI	Garni	71.61	307d	iP	P	03 32 11.1 +0.7
GNI				pmax	pmax	
GNI	comp=Z,206nm,1.3s			MLR	MLR	
GNI	comp=Z,5um,17.0s					
GNI	Garni	71.61	307	eP	P	03 32 11.2 +0.7
GNI	comp=Z,68nm,1.0s			LR	LR	
GNI	comp=Z,2um,18.0s					
GNI	Garni	71.61	307	P	P	03 32 11.6 +1.2
GNI	SNR=17					
GNI	Garni	71.61	307	iP	P	03 32 11.2 +0.7
GNI	SNR=17					
GNI	Garni	71.61	307	iP	P	03 32 11.2 +0.7
GNI	SNR=17					
UOSS	Minazif	71.67	288	eP	P	03 32 10.6 -0.3
UOSS	comp=Z,88nm,0.9s			LR	LR	
UOSS	comp=Z,800nm,19.0s					
UOSS	Minazif	71.67	288	iP	P	03 32 11.0 +0.2
UOSS	SNR=43					
UOSS	Minazif	71.67	288	iP	P	03 32 11.0 +0.2
UOSS	SNR=43					
AKH	Akhalkalaki	71.71	308f	iP	P	03 32 12.1 +1.0
HOPS	Hopland Field	71.75	55	eP	P	03 32 12.3 +1.2
HATD	Hatta, Dubai	71.79	288	P	P	03 32 12.1 +0.5
HATD	SNR=1					
HATD	Hatta, Dubai	71.79	288	iP	P	03 32 11.8 +0.3
HATD	SNR=35					
SOHO	SOHO	71.86	287	iP	P	03 32 11.9 0.0
SOHO	SNR=32					
SOHO	SOHO	71.86	287	iP	P	03 32 11.9 0.0
SOHO	SNR=32					
O03D	Paynes Creek	71.86	53	P	P	03 32 12.6 +0.7
ASHO	Ashiyah	71.92	288	P	P	03 32 12.9 +0.5
ASHO	SNR=71					
ASHO	Ashiyah	71.92	288	iP	P	03 32 12.5 +0.1
ASHO	SNR=52					
MOD	Modoc Plateau					

12d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NC602, NORSAR Array S, BVL, Bear Valley, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HVU, Hansel Valley, TPWA, Teton Pass, etc.

534

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

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Castle Valley, ROA, MLR, NIE, AKSY, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PSZ, GLA, GMA, GMA, GMA, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CSS, MDVR, KPL, X16A, C34A, etc.

Table with columns: KMO, comp, Smax, 04 48 12.6, 5.12 34 ePN Pn, 04 46 42.3 0.0, 04 46 57.0, 04 48 03.6, 04 48 16.3 +8.6, 04 48 46.4, 5.50 35 eSg Smax, 04 46 51.8 -0.2, 04 47 09.6 +1.7, 04 47 12.8, 04 48 26.7 +9.5, 04 48 38.1, 5.83 47 ePN Pn, 04 47 08.1 +0.2, 04 48 24.4, 04 47 17.5 +3.4, 04 47 27.1, 04 48 38.1 +1.0, 04 48 52.3, 7.37 46 ePN Pn, 04 47 12.6 -0.4, 04 47 38.1 +4.2, 04 47 47.2, 04 49 14.4 +1.3, 04 49 24.3, 7.60 34 eSg Smax, 04 49 19.8 +1.2, 04 49 34.7, 7.60 34 ePN Pn, 04 47 14.2 -2.0, 04 47 40.5, 04 49 17.5, 8.77 49 ePN Pn, 04 47 31.8 -0.5, 04 48 04.1, 04 48 08.6, 04 48 36.3, 04 49 58.1 +4.8, 04 50 08.0, 8.77 49 ePN Pn, 04 48 04.6 +3.2, 04 49 58.7, 9.03 1011 ePN Pn, 04 47 32.5 -3.3, 04 47 33.3 -2.5, 04 49 22.3 +5.7, 13.09 202 ePN Pn, 04 48 44.2 +1.3, 04 48 47.1, 04 50 35.6 -2.1, 04 48 37.2 -1.6, 04 48 37.2 -1.6, 04 49 15.7 +1.5, 04 52 14.3, 16.30 262 ePN Pn, 04 49 15.7 +1.5, 04 52 14.2 0.0, 04 49 14.9 +0.7, 04 49 14.9 +0.7, 04 54 01.8, 16.30 262 ePN Pn, 04 49 14.8 +0.6, 04 54 01.8, 16.30 262 ePN Pn, 04 49 14.1 -0.2, 04 49 27.8 +0.6, 20.97 124 ePN Pn, 04 50 09.6 +1.3, 20.97 124 ePN Pn, 04 50 09.6 +1.3, 20.97 124 ePN Pn, 04 50 09.6 +1.3, 21.77 288 ePN Pn, 04 50 17.8 +1.0, 23.19 259 ePN Pn, 04 50 34.5 +2.4, 25.38 264 ePN Pn, 04 50 50.5 -1.9, 25.38 264 ePN Pn, 04 50 50.5 -1.9, 33.70 192 ePN Pn, 04 52 05.8 -0.5, 33.70 192 ePN Pn, 04 52 05.8 -0.5, 42.05 285 ePN Pn, 04 53 16.8 +0.1, 42.33 41 ePN Pn, 04 53 19.5 +1.0, 46.31 166 ePN Pn, 04 53 50.5 -0.6, 75.53 153 ePN Pn, 04 57 08.9 -0.4, 75.53 153 ePN Pn, 04 57 08.9 -0.4, 78.94 154 ePN Pn, 04 57 16.8 +0.2, 78.94 154 ePN Pn, 04 57 28.7 +0.2, 78.94 154 ePN Pn, 04 57 28.7 +0.2, 78.94 154 ePN Pn, 04 57 36.4 +0.5

ISCJB 12 04:53:60.0.0.5.24.21.20N.01.04.122.26E.0.02, h29km, 5km, Error ellipse: s-maj=6.2km s-min=3.5km az=17.6 JMA 12 04:53:59.5.0.1.24.11N.122.25E. h33km, 3km, M2.4 TAP 12 04:53:59.3.24.23N.122.28E. h24km, ML3.2 C ISC 12 04:53:58.8.1.1.24.15N.0.03.122.28E.0.02, h12km, 7km, n31, c0565/46, Taiwan region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, ENAH Nanao, 0.52 305 P, 04 54 09.2 -0.1, ENAH Nanao, 0.56 300 P, 04 54 09.8 -0.2, ENA Nanao, S, 04 54 17.9 +0.3, TWD Chiawan, 0.62 264 eP, 04 54 12.6 +0.2, JYNG Yonagunijimaku, 0.68 64 P, 04 54 13.0 -0.1, JYNG Yonagunijimaku, S, 04 54 22.4 -0.7, YOJ Yonagunijima, 0.74 65 P, 04 54 14.1 +0.2, YOJ Yonagunijima, S, 04 54 24.3 -0.2, EGS, 0.76 336 eP, 04 54 13.6 +0.3, TWE Neicheng, 0.80 316 P, 04 54 14.2 +0.3, TWE Neicheng, S, 04 54 24.1 -0.2, ENTT Nioudou, 0.81 307 P, 04 54 14.3 +0.1, ENTT Nioudou, eS, 04 54 26.3 -0.1

Table with columns: NTC Toucheng, 0.81 330 P, 04 54 14.0 -0.2, NTC Toucheng, eS, 04 54 23.8 -0.9, NNSH Datong, 0.86 289 P, 04 54 15.8 +0.7, NNS Nan Shan, 0.87 290 P, 04 54 16.0 +0.7, NNS Nan Shan, eS, 04 54 29.0 +1.0, TWB1 Santiao Chiao, 0.90 343 eP, 04 54 15.4 -0.7, TWB1 Santiao Chiao, eS, 04 54 26.7 -0.4, TIPB Shuangxi, 0.92 334 eP, 04 54 16.1 -0.4, TIPB Shuangxi, S, 04 54 26.6 -1.2, NSK Sanguang, 0.99 302 P, 04 54 17.6 +0.3, NSK Sanguang, S, 04 54 30.4 +0.6, TWT Tachien, 1.01 276 eP, 04 54 19.9 +2.2, NWF Wu-fen Shan, 1.02 334 eP, 04 54 17.7 -0.2, NWF Wu-fen Shan, eS, 04 54 30.9 -0.8, YM10 YM10, 1.20 327 eP, 04 54 20.3 0.0, TWF1 Yuli, 1.20 329 eP, 04 54 20.1 -0.1, YM04 YM04, 1.21 326 P, 04 54 20.5 +0.1, DPDB Guoxing, 1.24 265 eP, 04 54 21.4 +0.5, FULB Fuli, 1.31 224 eP, 04 54 21.3 -0.5, TYC Yuch, 1.32 260 eP, 04 54 22.4 +0.5, YUS Yu-Shan, 1.38 242 eP, 04 54 23.6 +0.4, YUS Yu-Shan, eS, 04 54 40.3 -0.7, HATJ Hateruma jima, 1.40 93 P, 04 54 24.8 +0.6, ALS Alishan, 1.49 245 eP, 04 54 24.9 +0.4, ELDTW Lidau, 1.50 231 eP, 04 54 24.3 -0.2, JKRS Kuro-shima, 1.58 86 P, 04 54 27.2 -0.2, JKRS Kuro-shima, eS, 04 54 47.6 +0.6, JIJ Ishigaki jima, 1.72 82 P, 04 54 28.3 +0.9, JIJ Ishigaki jima, eS, 04 54 49.1 +0.4, CHN1 Nanshi, 1.87 239 eP, 04 54 32.0 -0.2, SGST Jiashan, 1.88 236 eP, 04 54 32.0 -0.4, SCZT Fangliu, 2.33 221 eP, 04 54 38.6 -1.6

ISC 12 05:02:07.3.1.9.24.29N.122.35E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/42, mbtmt3.5/5, Error ellipse: s-maj=160.6km s-min=19.5km az=65.0 ISCJB 12 05:02:10.9.0.8.24.13N.0.02.122.29E.0.02, h11km, 6km, mb3.3/5, Error ellipse: s-maj=3.1km s-min=2.4km az=162.6 JMA 12 05:02:11.8.24.09N.122.26E, h35km, 3km, M2.9 TAP 12 05:02:12.0.24.21N.122.25E, h25km, ML3.3, C ISC 12 05:02:09.9.1.1.24.13N.0.02.122.33E.0.02, h18km, 6km, n59, c074/89, mb3.5/5, 1C-4D, Taiwan region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, ENAH Nanao, 0.57 304 P, 05 02 21.6 +0.2, ENAH Nanao, S, 05 02 29.0 0.0, ENA Nanao, 0.61 299 P, 05 02 22.4 +0.2, ENA Nanao, S, 05 02 30.1 -0.3, JYNG Yonagunijimaku, 0.65 60 P, 05 02 25.6 +1.3, JYNG Yonagunijimaku, eS, 05 02 35.2 +1.1, JWA Hwallien, 0.68 258 eP, 05 02 24.6 -0.1, ENLB Shoufeng, 0.70 252 eP, 05 02 25.4 +0.4, YOJ Yonagunijima, 0.71 62 P, 05 02 26.5 +1.4, YOJ Yonagunijima, S, 05 02 36.2 +0.7, EGS, 0.80 333 eP, 05 02 25.6 0.0, ILA Ilan, 0.83 320 eP, 05 02 26.6 -0.1, ILA Ilan, S, 05 02 36.6 0.0, TWE Neicheng, 0.84 315 P, 05 02 26.3 -0.1, TWE Neicheng, S, 05 02 36.4 -0.7, NTC Toucheng, 0.86 328 P, 05 02 26.6 -0.1, NTC Toucheng, eS, 05 02 36.2 -1.2, ENTT Nioudou, 0.86 307 P, 05 02 26.9 +0.1, ENTT Nioudou, eS, 05 02 38.2 0.0, ESL Shilin, 0.88 249 eP, 05 02 27.1 +0.1, NNSH Datong, 0.91 289 eP, 05 02 27.9 +0.1, NNSH Datong, eS, 05 02 41.1 +0.3, NNS Nan Shan, 0.93 290 P, 05 02 28.5 +0.3, NNS Nan Shan, eS, 05 02 40.0 +0.4, TWB1 Santiao Chiao, 0.93 341 eP, 05 02 28.1 0.0, TWB1 Santiao Chiao, eS, 05 02 39.8 +0.2, TIPB Shuangxi, 0.96 332 P, 05 02 28.5 -0.1, TIPB Shuangxi, S, 05 02 39.7 -0.8, TWT Tachien, 1.06 277 eP, 05 02 29.1 -0.7, TWT Tachien, eS, 05 02 30.2 +0.1, NWF Wu-fen Shan, 1.06 332 P, 05 02 43.5 -0.1, EHY Hungye, 1.11 236 eP, 05 02 29.4 -1.2, TWB1 Yuli, 1.22 231 P, 05 02 32.4 0.0, TWB1 Yuli, eS, 05 02 47.3 -0.6, YM10 YM10, 1.24 326 eP, 05 02 32.9 +0.1, YM04 YM04, 1.25 325 eP, 05 02 33.0 -0.1, TWS1 Kuangyinshan, 1.28 320 eP, 05 02 34.0 -0.6, DPDB Guoxing, 1.28 266 eP, 05 02 33.6 0.0, IRIF Iriomote-Funau, 1.30 80 P, 05 02 35.6 +0.6, IRIF Iriomote-Funau, eS, 05 02 53.1 +1.2, LIOB Emei, 1.30 294 eP, 05 02 37.1 +1.9, NTST Danshui, 1.31 322 eP, 05 02 36.0 +0.8, NTST Danshui, eS, 05 02 51.9 -0.3, FULB Fuli, 1.32 226 eP, 05 02 34.0 -0.3, TWY Chenhua, 1.32 330 eP, 05 02 35.4 0.0, SMLT Sun Moon Lake, 1.33 260 eP, 05 02 34.5 +0.1, SMLT Sun Moon Lake, eS, 05 02 51.4 +0.4, NCUH Zhenjili, 1.43 309 eP, 05 02 35.7 -0.1, CHKT Chengkung, 1.35 221 eP, 05 02 33.2 -0.7

Table with columns: CHKT Hateruma jima, 1.35 93 P, 05 02 35.7 -0.3, HATJ Yuch, 1.36 261 eP, 05 02 34.8 -0.1, YUS Yu-Shan, 1.41 244 eP, 05 02 36.0 0.0, YUS Yu-Shan, eS, 05 02 53.1 -0.5, NMLH Miaoli, 1.46 287 eP, 05 02 37.1 +0.5, WJS Zhushan, 1.50 259 eP, 05 02 37.9 +0.8, WJS Zhushan, eS, 05 02 58.1 -0.1, TCU Taichung, 1.51 271 eP, 05 02 38.1 +0.7, TCU Taichung, eS, 05 02 56.4 +0.2, ELDTW Lidau, 1.52 232 eP, 05 02 36.6 +0.3, ELDTW Lidau, eS, 05 02 55.5 -0.3, ALS Alishan, 1.52 247 eP, 05 02 38.2 +0.3, JKRS Kuro-shima, 1.54 86 P, 05 02 39.6 0.0, JKRS Kuro-shima, eS, 05 02 58.6 0.0, JIJ Ishigaki jima, 1.67 81 P, 05 03 01.2 +0.2, JIJ Ishigaki jima, eS, 05 02 40.6 0.0, WDLH Douliu, 1.69 256 eP, 05 02 40.6 0.0, WDLH Douliu, eS, 05 03 03.5 -1.2, STYT Tauyuan, 1.73 237 eP, 05 02 40.8 -0.4, TWG Pinlang, 1.74 222 eP, 05 02 40.3 +1.0, TWG Pinlang, eS, 05 03 01.1 +0.1, CHN4 Tsauhsan, 1.77 244 eP, 05 02 42.0 +0.2, CHN4 Tsauhsan, eS, 05 03 04.5 +0.8, WTP Ta-pu, 1.80 241 eP, 05 02 42.4 0.0, WTP Ta-pu, eS, 05 03 05.7 +1.0, JISG Ishigakijimahi, 1.87 75 S, 05 03 07.0 +0.5, CHN1 Nanshi, 1.90 241 eP, 05 02 44.4 +0.3, SGST Jiashan, 1.91 237 eP, 05 02 44.3 +0.1, SGST Jiashan, eS, 05 03 09.4 +1.6, WSF Shzu, 1.99 256 eS, 05 03 10.3 +0.3, TWMI Shoushan, 2.18 234 eP, 05 02 49.7 +0.8, TWMI Shoushan, eS, 05 02 48.0 -1.6, JTJ Tarama, 2.23 76 P, 05 03 16.3 -0.5, JTJ Tarama, eS, 05 02 50.3 -1.4, SCZT Fangliu, 2.35 222 eP, 05 02 48.6 -0.8, SONM Songino Array, 26.84 336 P, 0.4nm, 0.5s, baz=147, slow=10.0, SNR=4.4, P, 05 09 35.6 -0.6, MKAR Makanchi Array, 39.11 316 P, 0.1nm, 0.3s, baz=95, slow=7.3, SNR=4.9, P, 05 09 49.1 -1.6, ZALV Zalesovo Beam, 40.86 327 P, 0.4nm, 0.4s, baz=134, slow=8.4, SNR=2.6, P, 05 10 28.2 +1.0, WRA Warramunga Arr, 45.34 164 P, 0.3nm, 0.5s, baz=345, slow=8.7, SNR=12, P, 05 10 55.8 +1.5, ASAR Alice Springs, 48.82 166 P, 0.5nm, 0.8s, baz=351, slow=13.1, SNR=8.1, P, 05 10 55.8 +1.5

CSEM 12 05:13:15.4.0.2.40.20N.33.40E, h2km, ML2.8, Error ellipse: s-maj=3.3km s-min=2.1km az=175.0 DDA 12 05:13:15.1.40.18N.33.42E, h8km, M12.8 ISK 12 05:13:15.0.40.23N.33.34E, h8km, MD2.8 ISC 12 05:13:15.3.1.0.40.20N.0.02.33.40E.0.02, h10km, 9km, n33, c072/61, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, ELDT Eldivan, 0.29 4 P, 05 13 21.4 +0.3, ELDT Eldivan, S, 05 13 21.4 +0.3, ELDT Eldivan, S, 05 13 21.4 +0.3, CANT Cankiri, 0.43 22 eP, 05 13 24.6 -0.5, CANT Cankiri, eS, 05 13 24.6 -0.5, ANTO Ankara, 0.57 235 eP, 05 13 26.0 -0.4, ANTO Ankara, eS, 05 13 26.0 -0.4, ANTO Ankara, 0.57 235 eP, 05 13 26.0 -0.4, ANTO Ankara, eS, 05 13 26.0 -0.4, LOD Lodumlu, 0.58 237 eP, 05 13 34.8 +0.6, LOD Lodumlu, eS, 05 13 34.8 +0.6, BBAL Bala, 0.69 198 P, 05 13 28.3 -0.4, BBAL Bala, eS, 05 13 28.3 -0.4, BBAL Bala, 0.69 198 P, 05 13 28.3 -0.4, BBAL Bala, eS, 05 13 28.3 -0.4, CMDR Camlidere-ANKA, 0.77 293 P, 05 13 29.9 -0.1, CMDR Camlidere-ANKA, eS, 05 13 29.9 -0.1, AFRS Afar-Bala (A), 0.80 199 eP, 05 13 31.5 +0.2, AFRS Afar-Bala (A), eS, 05 13 31.5 +0.2, AFRS Afar-Bala (A), 0.80 199 eP, 05 13 31.5 +0.2, AFRS Afar-Bala (A), eS, 05 13 31.5 +0.2, CDAG Cicekdag, 0.94 128 P, 05 13 32.6 -0.8, CDAG Cicekdag, eS, 05 13 32.6 -0.8, KKUL Konya-Kulu, 1.10 200 P, 05 13 36.3 -0.1, KKUL Konya-Kulu, eS, 05 13 36.3 -0.1, KKUL Konya-Kulu, 1.10 200 P, 05 13 36.3 -0.1, KKUL Konya-Kulu, eS, 05 13 36.3 -0.1, BCAM Yenicaga, 1.19 301 P, 05 13 38.2 +0.1, BCAM Yenicaga, S, 05 13 38.2 +0.1, BCAM Yenicaga, 1.19 301 P, 05 13 38.2 +0.1, BCAM Yenicaga, S, 05 13 38.2 +0.1, COAL Corum-Alaca, 1.21 87 P, 05 13 38.2 +0.2, COAL Corum-Alaca, eS, 05 13 38.2 +0.2, COAL Corum-Alaca, 1.21 87 P, 05 13 38.2 +0.2, COAL Corum-Alaca, eS, 05 13 38.2 +0.2, SERE Sereflikochisa, 1.26 174 ePN, 05 13 38.6 -0.5, SERE Sereflikochisa, eS, 05 13 38.6 -0.5, SERE Sereflikochisa, 1.26 174 ePN, 05 13 38.6 -0.5, SERE Sereflikochisa, eS, 05 13 38.6 -0.5, AKSARAY - Alti, 1.58 170 P, 05 13 44.5 -0.1, AKSARAY - Alti, eS, 05 13 44.5 -0.1, AKSARAY - Alti, 1.58 170 P, 05 13 44.5 -0.1, AKSARAY - Alti, eS, 05 13 44.5 -0.1, YOZ Yozgat, 1.58 110 ePN, 05 13 44.7 +0.1, YOZ Yozgat, eS, 05 13 44.7 +0.1, YOZ Yozgat, 1.58 110 ePN, 05 13 44.7 +0.1, YOZ Yozgat, eS, 05 13 44.7 +0.1, KIZIT Kizilcal, 1.77 222 ePN, 05 13 46.9 -1.0, KIZIT Kizilcal, eS, 05 13 46.9 -1.0, KIZIT Kizilcal, 1.77 222 ePN, 05 13 46.9 -1.0, KIZIT Kizilcal, eS, 05 13 46.9 -1.0, SULT Sultanhani-AKS, 2.00 177 ePN, 05 13 51.2 -0.6, SULT Sultanhani-AKS, eS, 05 13 51.2 -0.6, BNN Bunyan, 2.32 125 ePN, 05 13 56.0 -1.3, BNN Bunyan, eS, 05 13 56.0 -1.3

ISCJB 12 05:25:23.9.0.5.39.43N.0.03.38.51E.0.03, h12km, Error ellipse: s-maj=4.5km s-min=3.6km az=156.8 CSEM 12 05:25:23.5.0.2.39.42N.38.49E, h10km, MD2.8, Error ellipse: s-maj=4.0km s-min=3.6km az=154.0 ISK 12 05:25:23.1.39.40N.38.51E, h14km, MD2.8 DDA 12 05:25:23.1.39.43N.38.48E, h17km, M12.5 ISC 12 05:25:23.0.8.39.42N.0.03.38.50E.0.03, h12km, n23, c075/40, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC, ILIC ilic-Erzincan, 0.07 56 P, 05 25 26.8 +0.8, ILIC ilic-Erzincan, eS, 05 25 26.8 +0.8, KEMA Kemaliye, 0.15 181 P, 05 25 27.7 -0.4, KEMA Kemaliye, eS, 05 25 27.7 -0.4, KEMA Kemaliye, 0.15 181 P, 05 25 27.7 -0.4, KEMA Kemaliye, eS, 05 25 27.7 -0.4, KEMA Kemaliye, 0.15 181 P, 05 25 27.7 -0.4, KEMA Kemaliye, eS, 05 25 27.7 -0.4, KEMA Kemaliye, 0.15 181 P, 05 25 27.7 -0.4, KEMA Kemaliye, eS, 05 25 27.7 -0.4

12d 5h

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Table with columns for station name, frequency, and signal strength. Includes stations like LZH, MOY, GYA, GUA, GAT, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like NVS, CMAR, LSA, KAI, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like COLA, CCB, STKI, PMG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DAWY Dawson, EKS2 Erkin-Say, AML Almalyashu, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PALK Pallekele, TULEG Thule, EIDS Eidsvoll, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SCO Scoresbysund, SCO Scoresbysund, WVOR Wild Horse Val, etc.

Table with columns: RCTC, Rector, Farmer, 74.07, 56, P, P, 05 49 01.7 +0.9, etc. Lists various locations and their associated data.

Table with columns: MURC, Murrieta, 77.04, 57, P, P, 05 49 18.1 +0.3, etc. Lists various locations and their associated data.

Table with columns: OKC, Ostrava-Krasne, 79.43, 327, eP, P, 05 49 32.0 +1.3, etc. Lists various locations and their associated data.

12d 6h

2012 JAN

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Table with columns: TBI, Tubeai, comp=Z, 4.7nm, 0.3s, 88.42, 122, eT, T, 07 27 55.0, etc. Lists various station data for the 12d 6h period.

Table with columns: S44A, Carbondale, baz=324, 90.49, 39, P, P, 05 50 26.9 +0.4, etc. Lists various station data for the 2012 JAN period.

Table with columns: JMA 12 05:37:55.2, 39.61N, 140.44E, h3km, 2km, M2.0, Eastern, Honshu, etc. Lists various station data for the JMA 12 05:37:55.2 period.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, Time, Res, ISC. Rows include BTAM Cotopaxi Volca, ALAT Latacunga, ANTG Antisana-Guama, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, Time, Res, ISC. Rows include 17C-7D, Tonga Islands region, NIUE Niue, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, Time, Res, ISC. Rows include H11N2 WAKE ISLAND Hy, COEN Coen, COEN Coen, etc.

ISC 12:07:08.03.1+0.4, 18:04Sx172:26W, h0km, mb4.9/23, mb1.5, 1/23, mb1mx4.9/26, mbtmps.0/23, MS4.1/27, MS1.1/27, ms1mx4.1/38, Error ellipse: s-maj=16.9km s-min=13.0km az=139.0

ISCJB 12:07:08.04.9.1.7, 18:05Sx0:04:172:32W:0.04, h23km, 11km, mb5.0/193, MS4.3/31, Error ellipse: s-maj=8.3km s-min=3.7km az=143.0

NEIC 12:07:08.08.6.0.1, 17.99Sx172:39W, h35km, mb5.0/156, Error ellipse: s-maj=7.4km s-min=3.6km az=138.0

Table with columns: LPAZ, CPUP, SIV, PLCA, TORDI, WRA, MKAR. Includes station names, coordinates, and time/residual data.

ISCJB 12 07:33:37.2-1.7, 18.17S; 0.07x70.9W; 0.1, h47km, 16km, mb4.1/3, Error ellipse: s-maj=18.9km s-min=12.5km

GUC 12 07:33:38.4-0.5, 18.19S; 70.73W, h38km, 2km, ML4.0
IDC 12 07:33:48.3-4.7, 18.05S; 70.22W, h124km, 34km, mb3.8/3, s-maj=51.4km s-min=34.6km az=38.0

ISC 12 07:33:39.1-2.2, 18.28S; 0.08x70.8W; 0.2, h50km, 19km, n14, c1570/20, mb4.0/3, Near east coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BP12, PB12, POC, etc.

ISC 12 07:33:40.2-3.5, 17.35S; 172.89W, h0km, mb4.1/4, mb1.4/2.5, mb1mx3.8/4.2, mbtmp3.0/5, ML3.5/1, MS3.4/3, Ms1.3/4.3, ms1mx3.0/4.3, Error ellipse: s-maj=123.8km s-min=22.4km az=129.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF1, DZM, PPT2, etc.

IDC 12 07:39:04.8-1.7, 53.84N; 90.87E, h0km, mb3.3/1, mb1.3/6.3, mb1mx3.2/4.1, mbtmp3.5/3, ML3.3/2, MS2.7/1, Ms1.2/7.1, ms1mx2.3/4.3, Error ellipse: s-maj=22.4km s-min=14.9km az=143.0, Southwestern Siberia

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

DDA 12 07:39:37.6, 38.63N; 43.63E, h7km, ML2.8
CSEM 12 07:39:38.2, 0.2, 38.63N; 43.54E, h2km, ML2.3, Error ellipse: s-maj=5.6km s-min=3.5km az=96.0

ISC 12 07:39:38.0, 38.64N; 43.47E, h7km, ML2.3
ISC 12 07:39:38.7, 1.0, 38.63N; 0.02-43.56E; 0.03, h6km, 6km, n28, c152/51, Turkey

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

ISC 12 07:50:16.5-2.2, 47.88N; 146.85E, h419km, 28km, mb2.7/8, mb1.3/0.1, mb1mx2.6/2.9, mbtmp3.9/1.1, Error ellipse: s-maj=38.6km s-min=15.7km az=157.0

ISCJB 12 07:50:17.1-1.0, 48.0N; 0.2-146.9E; 0.2, h442km, mb3.0/8, Error ellipse: s-maj=34.7km s-min=11.1km az=156.4

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

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

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

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

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

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

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

NIED 12 07:45:00.36; 90N; 141.30E, h8km, Mw3.9 Best double couple: Ms9.070000x1014 NP1.9x74.000000, delta2.000000, lambda-35.000000, NP2.9x197.000000, delta78.000000, lambda-108.000000

IDC 12 07:45:35.8-0.9, 36.94N; 141.20E, h0km, mb3.8/8, mb1.4/0.9, mb1mx3.7/6.1, mbtmp3.8/9, ML3.4/1, MS4.5/1, Ms1.4/5.1, ms1mx2.8/4.7, Error ellipse: s-maj=24.7km s-min=20.1km az=172.0

ISCJB 12 07:45:37.0, 0.3, 36.94N; 0.04-141.30E; 0.07, h26km, 6km, mb4.2/1.1, MS4.5/1, Error ellipse: s-maj=9.2km s-min=6.1km az=23.8

JMA 12 07:45:38.4-0.1, 36.94N; 141.24E, h34km, 1km, M4.0 JMA Felt II J1.

NEIC 12 07:45:41.5-1.4, 36.88N; 141.15E, h41km, 14km, mb4.7/3, Error ellipse: s-maj=14.3km s-min=10.9km az=218.0

NEIC Recorded [2 JMA] in Fukushima and Ibaraki.
ISC 12 07:45:38.7-1.5, 36.93N; 0.05-141.26E; 0.06, h20km, 5km, n40, c097/41, mb4.2/1.1, Near east coast of eastern Honshu

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

NIED 12 07:54:00.37; 60N; 136.40E, h300km, Mw4.5 Best double couple: Ms5.990000x1015 NP1.9x94.000000, delta37.000000, lambda-150.000000, NP2.9x339.000000, delta73.000000, lambda-57.000000

MOS 12 07:54:26.7, 0.9, 37.70N; 136.06E, h290km, mb4.5/6/4, Error ellipse: s-maj=7.1km s-min=4.7km az=102.9

ISCJB 12 07:54:27.9, 0.1, 37.62N; 0.02-136.18E; 0.03, h306km, 1km, mb4.4/1.53, Error ellipse: s-maj=3.7km s-min=3.2km az=156.2

NEIC 12 07:54:28.5-0.2, 37.64N; 136.12E, h298km, 2km, mb4.4/8/3, Error ellipse: s-maj=3.5km s-min=2.8km az=157.0

JMA 12 07:54:28.6-0.1, 37.57N; 136.37E, h314km, 1km, M4.4 Broadband fault plane solution: P waves. NP1: c=344.000000, delta80.000000, lambda-52.000000, NP2.9x86.000000, delta39.000000, lambda-164.000000. Principal axes: T: P125.000000, Azm45.000000; N: P133.000000, Azm156.000000; W: P145.000000, Azm27.000000

IDC 12 07:54:28.1-0.5, 37.64N; 136.11E, h295km, 5km, mb4.0/4/1, mb1.4/1/4, mb1mx4.0/5.0, mbtmp4.6/4.3, Error ellipse: s-maj=4.0km s-min=2.7km az=69.0

ISC 12 07:54:28.5-0.5, 37.66N; 0.04-136.27E; 0.04, h300km, 4km, n376, c1521/424, mb4.4/1.53, 37C-23D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N1, H1N3, H1S1, etc.

ZAA1 Zalesovo Array 41.89 312 eP P 07 53 26.9 -0.5
ZALV Zalesovo Beam 41.89 312 P P 07 53 26.9 -0.5

MK01 Makanchi Array 44.06 302 eP P 07 53 44.4 -0.8
MK31 Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

MK32 Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4
MK4R Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

MKAR Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

CHGN Chignik 44.12 44 eP P 07 53 46.1 +0.6

KURK Kurchatov 45.90 308 eP P 07 53 59.7 0.0

KURBB Kurchatov Arra 45.97 308 P P 07 54 00.4 +0.2

ILAR Eielson Array 49.65 32 P P 07 54 29.1 +0.6

ILB Eielson Array 49.65 31 LR P 07 54 29.1 +0.6

ARU Ari 56.35 49 LR P 07 54 29.3 +0.6

WR1 Warramunga Arr 56.94 188 eP P 07 55 22.3 +0.3

WRA Warramunga Arr 56.94 188 P P 07 55 22.3 +0.3

YKA Yellowknife Arr 65.36 90 eP P 07 57 09.8 -0.3

NV01 Mina Array Sit 75.15 53 eP P 07 57 21.4 +1.5

NVAP Mina Array Bea 75.15 53 P P 07 57 21.3 +1.4

LPAZ La Paz 146.85 60 ePKPbc PKPbc 08 05 20.7 -0.1

ISC 12 07:50:16.5-2.2, 47.88N; 146.85E, h419km, 28km, mb2.7/8, mb1.3/0.1, mb1mx2.6/2.9, mbtmp3.9/1.1, Error ellipse: s-maj=38.6km s-min=15.7km az=157.0

ISCJB 12 07:50:17.1-1.0, 48.0N; 0.2-146.9E; 0.2, h442km, mb3.0/8, Error ellipse: s-maj=34.7km s-min=11.1km az=156.4

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

KRSC 12 07:52:46.2-0.8, 54.38N; 161.84E, h41km, 21km, ML3.6

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

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

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

NIED 12 07:54:00.37; 60N; 136.40E, h300km, Mw4.5 Best double couple: Ms5.990000x1015 NP1.9x94.000000, delta37.000000, lambda-150.000000, NP2.9x339.000000, delta73.000000, lambda-57.000000

MOS 12 07:54:26.7, 0.9, 37.70N; 136.06E, h290km, mb4.5/6/4, Error ellipse: s-maj=7.1km s-min=4.7km az=102.9

ISCJB 12 07:54:27.9, 0.1, 37.62N; 0.02-136.18E; 0.03, h306km, 1km, mb4.4/1.53, Error ellipse: s-maj=3.7km s-min=3.2km az=156.2

NEIC 12 07:54:28.5-0.2, 37.64N; 136.12E, h298km, 2km, mb4.4/8/3, Error ellipse: s-maj=3.5km s-min=2.8km az=157.0

JMA 12 07:54:28.6-0.1, 37.57N; 136.37E, h314km, 1km, M4.4 Broadband fault plane solution: P waves. NP1: c=344.000000, delta80.000000, lambda-52.000000, NP2.9x86.000000, delta39.000000, lambda-164.000000. Principal axes: T: P125.000000, Azm45.000000; N: P133.000000, Azm156.000000; W: P145.000000, Azm27.000000

IDC 12 07:54:28.1-0.5, 37.64N; 136.11E, h295km, 5km, mb4.0/4/1, mb1.4/1/4, mb1mx4.0/5.0, mbtmp4.6/4.3, Error ellipse: s-maj=4.0km s-min=2.7km az=69.0

ISC 12 07:54:28.5-0.5, 37.66N; 0.04-136.27E; 0.04, h300km, 4km, n376, c1521/424, mb4.4/1.53, 37C-23D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N1, H1N3, H1S1, etc.

ZAA1 Zalesovo Array 41.89 312 eP P 07 53 26.9 -0.5
ZALV Zalesovo Beam 41.89 312 P P 07 53 26.9 -0.5

MK01 Makanchi Array 44.06 302 eP P 07 53 44.4 -0.8
MK31 Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

MK32 Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4
MK4R Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

MKAR Makanchi Array 44.07 302 eP P 07 53 44.4 -0.4

CHGN Chignik 44.12 44 eP P 07 53 46.1 +0.6

KURK Kurchatov 45.90 308 eP P 07 53 59.7 0.0

KURBB Kurchatov Arra 45.97 308 P P 07 54 00.4 +0.2

ILAR Eielson Array 49.65 32 P P 07 54 29.1 +0.6

ILB Eielson Array 49.65 31 LR P 07 54 29.1 +0.6

ARU Ari 56.35 49 LR P 07 54 29.3 +0.6

WR1 Warramunga Arr 56.94 188 eP P 07 55 22.3 +0.3

WRA Warramunga Arr 56.94 188 P P 07 55 22.3 +0.3

YKA Yellowknife Arr 65.36 90 eP P 07 57 09.8 -0.3

NV01 Mina Array Sit 75.15 53 eP P 07 57 21.4 +1.5

NVAP Mina Array Bea 75.15 53 P P 07 57 21.3 +1.4

LPAZ La Paz 146.85 60 ePKPbc PKPbc 08 05 20.7 -0.1

ISC 12 07:50:16.5-2.2, 47.88N; 146.85E, h419km, 28km, mb2.7/8, mb1.3/0.1, mb1mx2.6/2.9, mbtmp3.9/1.1, Error ellipse: s-maj=38.6km s-min=15.7km az=157.0

ISCJB 12 07:50:17.1-1.0, 48.0N; 0.2-146.9E; 0.2, h442km, mb3.0/8, Error ellipse: s-maj=34.7km s-min=11.1km az=156.4

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

ISC 12 07:50:17.8-1.3, 47.9N; 0.3-146.8E; 0.1, h442km, n12, c092/12, mb3.1/8, Northwest of Kuril Islands

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YUK, SHO, CN2, YSS, YUN, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like INK, INK, INK, HYT, FITZ, WRAB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TESR, ORV, ORV, BUCOVINA AR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FETA, BFO, DAVA, FUORN, DAVOX, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like YKA, SFJD, TOR, TOR, TOR, etc.

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

ISCJB 12 08:45:29.0.4.38:32N.0:04.70:50E:0.05, h10km, mb3.9/15, Error ellipse: s-maj=6.0km s-min=5.0km az=141.0

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

Main table of station data for January 2012, including station names, coordinates, and technical specifications.

MEX 12 08:48:47.0.0.4.26:68N.111.27W, h2km, MD3.6, Gulf of California

WRA Warrungama Arr 22.65 159 P Op ISC Pn 08 54 40.2 -0.7

ISCJB 12 08:53:47.9.0.7.6:35N.0:05:123.72E:0.06, h10km, mb3.5/7, Error ellipse: s-maj=8.6km s-min=7.2km az=24.6

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

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

NIED 12 09:12.00.33:30N.140:20E, h135km, Mw4.0 Best double couple: M1.22000.0:15 N1.30:26.00000, d30.00000, lambda=11.000000, NP2:0.306.00000, delta5.00000, lambda=119.00000

Main table of station data for the 12-day period, including station names, coordinates, and technical specifications.

NIED 12 09:17.00.37:60N.141:60E, h53km, Mw3.7 Best double couple: M3.65000.0:10 N1.30:199.00000, delta3.00000, lambda=746.00000, NP2:0.7.00000, delta3.00000, lambda=19.00000

ISCJB 12 09:17:57.6:0.7:37:59N.141:69E, h57km, mb3.6km, Mb3.5/8, MS3.4/1, Error ellipse: s-maj=17.1km s-min=1.1km az=171.1

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

IDC 12 09:55:31.2, 6.53737N-86.99E, h0km, mb1 2.8/2, mb1mx2.6/35, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=24.2km s-min=13.8km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like I46RU Zalesovo Infra, ZALV Zalesovo Beam, ZALV 1.4nm, 0.3s, baz=98, slow=18, SNR=14, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, baz=64, slow=16, SNR=2.6, MKAR Makanchi Array, MKAR 0.2nm, 0.3s, baz=25, slow=14, SNR=9.2, MKAR 0.1nm, 0.3s, baz=74, slow=31, SNR=3.3, MKAR 0.0nm, 0.3s, baz=27, slow=29, SNR=3.0

ISC/JB 12 10:00:42.8-0.7, 11.83N, 0.10-43.07E, h0km, h17km, 1.3km, Error ellipse: s-maj=19.8km s-min=7.9km az=141.8

ARO 12 10:00:43.6, 11.81N, 0.2431E, 0.3, h7km, 2km, M3.0, ISC 12 10:00:42.8-1.1, 11.83N, 0.1-43.05E, h0km, h17km, 1.3km, n8, r0528/10, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TDD Tadjoura Arra, MCAD Moucha, OBO Obock, ATD Arta Tunnel, ATD Arta Tunnel, STD Sud-Ghoubbet, LDLD Lac de Lave, TRBA At Turbah, TRBA, TRBA, TRBA, comp=E, 120nm, 0.5s

IDC 12 10:03:32.7-2.9, 5.432N-87.02E, h0km, mb1 2.6/2, mb1mx2.6/38, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=23.7km s-min=18.8km az=48.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like I46RU Zalesovo Infra, ZALV Zalesovo Beam, ZALV 1.4nm, 0.3s, baz=74, slow=16, SNR=8.7, KURBB Kurchatov Arra, KURBB 0.1nm, 0.3s, baz=51, slow=14, SNR=3.9, KURBB 0.0nm, 0.3s, baz=69, slow=5.2, SNR=2.6, MKAR Makanchi Array, MKAR 0.1nm, 0.3s, baz=27, slow=13, SNR=5.1, MKAR 0.1nm, 0.3s, baz=26, slow=27, SNR=4.0

MAN 12 10:36:57, 18.63N, 120.98E, h1km, mb5.1, ML4.0, MS4.1, IDC 12 10:36:58.4-0.9, 18.39N, 121.06E, h0km, mb3.6/8, mb1 3.7/9, mb1mx3.5/51, mbtmp3.6/9, ML3.6/1, MS3.2/4, Ms1 3.3/4, ms1mx2.8/51, Error ellipse: s-maj=33.1km s-min=14.4km az=112.0, Southwestern Siberia

ISC 12 10:37:00.1, 9.1845N, 0.06-120.95E, h0km, h16km, 1.2km, n25, r109/22, mb3.6/7, MS3.3/4, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like APYP Conner, APYP Dolores, ABRA Mt. Cagua, SGCP Mt. Cagua, CVP Callao Caves, CAUP Cauayan, CAUP Cauayan, BOLP Bolinao, SCZP Santa Cruz, SCZP Palayan, PCFH Tagaytay City, TG Y, TG Y, KRSR Korea Array, CMAR Chiang Mai Arra, CMAR Warrungama Arr, WRA Warrungama Arr, MKAR Makanchi Array, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, ASAR Alice Springs, ASAR Zalesovo Beam, KURBB Kurchatov Arra, ATD Arta Tunnel, YKA Yellowknife Arr

IDC 12 10:42:12.2-2.5, 36.73N-141.30E, h0km, mb3.4/2, mb1 3.6/4, mb1mx3.3/47, mbtmp3.5/4, ML3.3/2, Error ellipse: s-maj=43.1km s-min=26.8km az=61.0

ISC/JB 12 10:42:13.3-1.3, 36.80N, 0.04-141.33E, h0km, h23km, 8km, mb3.4/2, Error ellipse: s-maj=12.1km s-min=6.5km az=14.8

JMA 12 10:42:16.0-1.1, 36.86N-141.16E, h33km, 1km, M3.4, ISC 12 10:42:13.5-2.0, 36.81N, 0.04-141.31E, h0km, h16km, 10km, n18, r151/21, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SMY Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, KBG Krutoberegovo, SMKR Semkarok, SMKR Semkarok, SPN Mys Shypunski, KII Karymskiy, KII Karymskiy, NLC Nalychtevo, NLC Nalychtevo, NLC Nalychevo, SMAR Somma, SMAR Somma, AVH Avacha, AVH Avacha, DALK Dalny, DALK Dalny, KRX Arik, KRX Arik, RUS Russkaya, RUS Russkaya, RUS Russkaya, GNL Ganaly, GNL Ganaly, MTRV Mutnovka, MTRV Mutnovka, MTRV Mutnovka, OSSR Ossora, OSSR Ossora, PETK Petropavlovsk, PETK Petropavlovsk, ASAK Asacha, ASAK Asacha, KDRTR Khodutka, Kamc, APC Apacha, APC Apacha, TILK Tilichiki, TILK Tilichiki, TILK Tilichiki, KMSK Kamenskaya, KMSK Kamenskaya, MAZ Magadan, KDAK Kodiak Island, TIXI Tiksi, ILAR Eielson Array, INK Inuvik, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Songoing Array, YKA Yellowknife Arr, GUMO Gumbo, NVAR Mina Arra Bay, MKAR Makanchi Array, PDAR Pinedale Array, TXAR Lajitas Array, WRA Warrungama Arr, ASAR Alice Springs

IDC 12 10:54:23.6-1.9, 32.55S-71.64W, h0km, mb4.6/3, mb1 4.2/5, mb1mx3.9/19, mbtmp4.2/5, ML4.0/2, Error ellipse: s-maj=31.7km s-min=28.9km az=175.0

GUC 12 10:54:27.9-0.6, 32.81S-71.80W, h36km, 39km, ML4.0, NEIC Fel [I]/J at Quillota and Villa Alemana and [II] at Valparaiso and Vina del Mar

SJA 12 10:54:36.2-0.8, 32.41S-71.02W, h15km, 8km, ML3.4, MW4.4

ISC 12 10:54:24.2-1.9, 32.63S-0.06-71.83W, h0km, 11km, n36, r152/34, 3.3, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFK Kawauchi, JFT Otama, JFT Otama, JYT Yasato, JSB Shiroba, JMM Ramurori, MJAR Matsushiro Arr, MAT Matsushiro, JHU Hachiojima 2, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, WRA Warrungama Arr

ISC/JB 12 10:43:21.5-0.7, 38.60N-0.03-39.59E, h0km, h1km, 8km, Error ellipse: s-maj=8.4km s-min=4.8km az=27.4

CSEM 12 10:43:21.5-0.1, 38.60N-39.58E, h12km, MD2.8, Error ellipse: s-maj=2.9km s-min=2.9km az=99.0

ISK 12 10:43:21.0, 38.60N-39.56E, h13km, MD2.8, DDA 12 10:43:21.0, 38.59N-39.60E, h7km, MD2.6

ISC 12 10:43:21.6-0.9, 38.60N-0.02-39.57E, h0km, h14km, 9km, n25, r0936/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SVRC, PTK Pertek, PTK Pertek, ELZG Elazig, ELZG Elazig, Tunceli-Merkez, Tunceli-Merkez, HANI Diyarbakir Han, HANI Diyarbakir Han, DIYA Diyarbakir, DIYA Diyarbakir, MALT Malatya, MALT Malatya, MALT Malatya, MALT Malatya, ERZIN ERZINCAN, ERZIN ERZINCAN, KEMA Kemaliye, KEMA Kemaliye, YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, URFA Urfa, URFA Urfa, AKCA Akcadag, AKCA Akcadag, MAZI Mazidag, MAZI Mazidag

ISC/JB 12 10:43:50.9-1.0, 51.51N, 0.04-16.18E, h0km, Error ellipse: s-maj=6.6km s-min=3.8km az=12.9

CSEM 12 10:43:52.3-0.5, 51.52N-16.16E, h2km, ML3.2/6, Error ellipse: s-maj=8.0km s-min=4.4km az=4.0

PRU 12 10:43:54.8, 51.44N-16.19E, h0km, ISC 12 10:43:52.8-1.6, 51.47N, 0.08-16.22E, h0km, n26, r151/51, 1D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, UPICE Upice, UPICE Upice, DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, PVCC Panska Ves, PVCC Panska Ves, KRCL Krailky, KRCL Krailky, KRCL Krailky, BERGGIESSHUBEL, BERGGIESSHUBEL, GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, PRU Pruhonice, PRU Pruhonice, MORC Moravsky Berou, MORC Moravsky Berou, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov, VRAC Vranov, NKCC Novy Kostel, NKCC Novy Kostel, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory

IDC 12 10:54:23.6-1.9, 32.55S-71.64W, h0km, mb4.6/3, mb1 4.2/5, mb1mx3.9/19, mbtmp4.2/5, ML4.0/2, Error ellipse: s-maj=31.7km s-min=28.9km az=175.0

GUC 12 10:54:27.9-0.6, 32.81S-71.80W, h36km, 39km, ML4.0, NEIC Fel [I]/J at Quillota and Villa Alemana and [II] at Valparaiso and Vina del Mar

SJA 12 10:54:36.2-0.8, 32.41S-71.02W, h15km, 8km, ML3.4, MW4.4

ISC 12 10:54:24.2-1.9, 32.63S-0.06-71.83W, h0km, 11km, n36, r152/34, 3.3, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ROCI El Roble, ROCI El Roble, ROCI El Roble, ROCI El Roble, ROCI El Roble, PEL Peldehue, PEL Peldehue, PEL Peldehue, STL Santa Lucia, STL Santa Lucia, FSR Penatenol, FSR Penatenol, SJCH San Jose de Ma, SJCH San Jose de Ma, LMEL Las Melosas, LMEL Las Melosas, AUPS Uspallata, AUPS Uspallata, RTLS Leoncito, RTLS Leoncito, GO05 Hualaeb, GO05 Hualaeb, GO05 Hualaeb, ARCO CERRO ARCO, ARCO CERRO ARCO, LCO Las Campanas, LCO Las Campanas, PLCA Paso Flores, PLCA Paso Flores, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MA2 Magadan, B05A Bryant, YKWA Yellowknife Ar, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MLCAC Mammoth, YHB Horse Butte, RCTO Hector, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like O20A White River Ci, O20A White River Ci, JRY Ryegate, etc.

C36A	baz=306 Pine Crest Far	45.51	65	P	P	14 28 50.7	-1.3	SUMG	comp=Z,77nm,1.1s Summit	49.69	18	i	P	P	14 29 25.2	+0.6	SSE	comp=Z,6.8nm,0.8s,baz=339,slow=7.4,SNR=4.6 Sheshan	55.28	277	P	P	14 30 06.7	+0.7
ANMO	baz=305 Albuquerque	45.57	88	P	P	14 28 51.6	-1.2	SUMG	comp=Z,74nm,1.1s Summit	49.69	18	eP	P	P	14 29 25.1	+0.6	SSE			sP	sP	14 30 20.4	+1.3	
ANMO	comp=Z,1.1nm,0.6s,baz=299,slow=16,SNR=3.5 Albuquerque	45.57	88	P	P	14 28 51.4	-1.4	M39A	comp=Z,77nm,1.1s Webster	49.74	72	P	P	P	14 29 21.3	-3.5	SSE			sS	sS	14 37 43.3	-4.4	
ANMO	baz=312 Albuquerque	45.57	88	eP	P	14 28 52.0	-0.8	J41A	baz=310 Loganville	49.76	68	P	P	P	14 29 23.5	-1.5	SSE	comp=Z,29nm,1.3s SSE		sS	sS	14 38 02.6	-0.6	
ANMO	comp=Z,2.0nm,0.9s Albuquerque	45.57	88	P	P	14 28 51.6	-1.2	L40A	baz=310 Anamosa	49.91	70	P	P	P	14 29 24.2	-1.9	SSE	comp=Z,150nm,4.6s SSE		LR	LR			
ANMO	baz=306 Albuquerque	45.57	88	P	P	14 30 31.6	+0.6	N39A	baz=310 Derby Farms, D	49.94	72	P	P	P	14 29 22.9	-3.5	SSE	comp=Z,260nm,20.1s SSE		LR	LR			
K32A	baz=306 Verdigris	45.65	74	P	P	14 28 52.8	-0.4	P38A	baz=311 Davies	50.17	74	P	P	P	14 29 23.4	-4.7	SSE	comp=Z,470nm,20.1s SSE		LR	LR			
F35A	baz=306 Swanville	45.66	69	P	P	14 28 51.6	-1.6	S37A	baz=311 Fort Scott	50.64	77	P	P	P	14 29 28.6	-3.1	SSE	comp=Z,670nm,23.2s SSE		LR	LR			
D36A	baz=306 Goodland	45.67	66	P	P	14 28 52.5	-0.7	P39B	baz=312 Salisbury	50.71	74	P	P	P	14 29 29.1	-3.1	SSE	comp=Z,941nm,18.7s,baz=358,slow=38 SSE		LR	LR	14 30 07.0	-2.2	
H34A	baz=306 Spellman Lake,	45.69	71	P	P	14 28 52.7	-0.7	M41A	baz=311 Milan	50.74	71	P	P	P	14 29 28.9	-3.5	SSE	comp=Z,2.6nm,1.1s,baz=290,slow=4.6,SNR=6.2 SSE		LR	LR	14 30 08.1	-1.8	
ECSD	baz=307 EROS Data Cent	45.78	72	P	P	14 28 53.2	-0.9	O40A	baz=311 La Belle	50.80	73	P	P	P	14 29 31.6	-1.3	SSE	comp=Z,1.6nm,0.6s SSE		eP	eP	14 30 11.9	+0.8	
ECSD	comp=Z,2.0nm,1.0s EROS Data Cent	45.78	72	eP	P	14 28 52.5	-1.6	Q39A	comp=Z,2.2nm,1.0s,baz=319,slow=5.3,SNR=16 Willow Grove F	50.87	75	P	P	P	14 29 31.1	-2.3	SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 30 13.3	+0.7	
J33A	baz=308 Davis	45.83	73	P	P	14 28 54.4	-0.2	T37A	baz=311 Cheneyville 18	51.02	78	P	P	P	14 29 32.3	-2.3	SSE	comp=Z,25nm,1.0s SSE		p	p	14 30 21.0	+0.2	
C37A	baz=308 Embarrass	45.88	65	P	P	14 28 54.6	-0.4	P40A	baz=312 Paris	51.09	74	P	P	P	14 29 33.2	-1.9	SSE	comp=Z,26nm,1.1s,baz=0.3,slow=6.8,SNR=14 SSE		LR	LR	14 56 49.3		
Y22D	baz=313 IRIS PASSCAL I	45.88	90	P	P	14 28 54.3	-1.0	SFJD	baz=311 Kangerlussuaq	51.10	27	P	P	P	14 29 35.2	+0.5	SSE	comp=Z,941nm,18.7s,baz=358,slow=38 SSE		LR	LR	14 56 49.3		
E36A	baz=306 McGregor	46.01	67	P	P	14 28 55.2	-0.7	SFJD	comp=Z,16nm,0.9s,baz=290,slow=4.6,SNR=6.2 Kangerlussuaq	51.10	27	i	P	P	14 29 35.3	+0.6	SSE	comp=Z,2.1nm,0.7s,baz=33,slow=6.4,SNR=6.6 SSE		eP	eP	14 30 25.0	+0.7	
BNN	baz=307 Barren Site	46.01	89	eP	P	14 28 56.2	-0.1	TXAR	comp=Z,1.5nm,0.9s Lajitas Array	51.18	91	P	P	P	14 29 35.1	-0.9	SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 31 16.9	+0.3	
I34A	baz=307 Hadley	46.02	71	P	P	14 28 55.3	-0.7	TXAR	comp=Z,2.2nm,1.0s,baz=319,slow=5.3,SNR=16 SSE	51.18	91	P	P	P	14 34 46.1	+1.1	SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
L32A	baz=308 Elgin	46.03	75	P	P	14 28 55.6	-0.6	TXAR	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
D37A	baz=306 Cotton	46.09	66	P	P	14 28 55.1	-1.4	TXAR	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
G35A	baz=307 Watkins	46.09	69	P	P	14 28 55.3	-1.3	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
EYMM	baz=306 Ely	46.13	64	P	P	14 28 55.8	-1.1	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
H35A	baz=307 Sunnyside Ranc	46.21	70	P	P	14 28 56.1	-1.4	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
F36A	baz=307 Milaca	46.25	68	P	P	14 28 57.1	-0.7	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
BGNE	baz=307 Belgrade	46.33	76	P	P	14 28 57.9	-0.6	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
C38A	baz=309 Sawbill Land.	46.39	65	P	P	14 28 57.6	-1.3	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
121A	baz=306 Cokes Peak, D	46.43	92	P	P	14 28 58.6	-1.0	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
J34A	baz=314 George	46.43	72	P	P	14 28 58.2	-1.1	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
G36A	baz=308 St. Michael	46.50	69	P	P	14 28 58.9	-0.9	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
I35A	baz=307 Creekview Farm	46.64	71	P	P	14 28 59.4	-1.4	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
SNY	baz=308 Shenyang	46.64	285	i	P	14 29 00.6	-0.3	TLY	comp=Z,1.1nm,0.9s SSE	51.18	91	P	P	P	14 51 01.5		SSE	comp=Z,2.9nm,0.7s,baz=301,slow=5.5,SNR=16 SSE		p	p	14 57 04.5		
SNY	comp=Z,1.6nm,1.2s SSE							TLY	comp=Z,1.6nm,1.2s SSE								SSE	comp=Z,1.6nm,1.2s SSE		p	p	14 30 49.1	-0.8	
SNY	comp=Z,350nm,8.2s SSE							TLY	comp=Z,350nm,8.2s SSE								SSE	comp=Z,350nm,8.2s SSE		p	p	14 30 59.9	+0.4	
SNY	comp=Z,980nm,17.5s SSE							TLY	comp=Z,980nm,17.5s SSE								SSE	comp=Z,980nm,17.5s SSE		s	s	14 39 05.8	-3.8	
SNY	comp=Z,1.1um,18.6s SSE							TLY	comp=Z,1.1um,18.6s SSE								SSE	comp=Z,1.1um,18.6s SSE		sS	sS	14 39 22.9	+1.7	
SNY	comp=Z,2.1um,20.8s SSE							TLY	comp=Z,2.1um,20.8s SSE								SSE	comp=Z,2.1um,20.8s SSE		p	p	14 43 08.6	-1.7	
K34A	baz=308 Le Mars	46.72	73	P	P	14 29 00.1	-1.4	TLY	comp=Z,2.1um,20.8s SSE								SSE	comp=Z,2.1um,20.8s SSE		p	p	14 43 08.6	-1.7	
H36A	baz=307 Jessenland, He	46.80	70	P	P	14 29 01.6	-0.5	TLY	comp=Z,2.1um,20.8s SSE								SSE	comp=Z,2.1um,20.8s SSE		p	p	14 43 08.6	-1.7	
F37A	baz=307 Hinrichs Farm,	46.83	68	P	P	14 29 01.7	-1.6	TLY	comp=Z,2.1um,20.8s SSE								SSE	comp=Z,2.1um,20.8s SSE		p	p	14 43 08.6	-1.7	
KSR5	baz=307 Korea Array	46.88	278	P	P	14 29 03.1	+0.3	TLY	comp=Z,2.1um,20.8s SSE								SSE	comp=Z,2.1um,20.8s SSE		p	p	14 43 08.6	-1.7	
KSR5	comp=Z,1.4nm,0.8s,baz=52,slow=7.3,SNR=23 SSE					14 30 36.1	+1.0	TLY	comp=Z,1.4nm,0.8s,baz=52,slow=7.3,SNR=23 SSE								SSE	comp=Z,1.4nm,0.8s,baz=52,slow=7.3,SNR=23 SSE		p	p	14 43 08.6	-1.7	
KSR5	comp=Z,3.1nm,0.8s,baz=65,slow=2.5,SNR=3.7 SSE					14 48 38.0		TLY	comp=Z,3.1nm,0.8s,baz=65,slow=2.5,SNR=3.7 SSE								SSE	comp=Z,3.1nm,0.8s,baz=65,slow=2.5,SNR=3.7 SSE		p	p	14 43 08.6	-1.7	
KSR5	comp=Z,520nm,20.6s,baz=62,slow=36 SSE					14 48 38.0		TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
KS01	baz=306 Wonju Array Si	46.88	278	eP	P	14 29 02.8	0.0	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
KSAR	baz=307 Wonju Array Be	46.91	278	P	P	14 29 03.1	+0.1	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
KSAR	baz=307 Wonju Array Be	46.91	278	P	P	14 29 03.1	+0.1	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
KSAR	baz=307 Wonju Array Be	46.91	278	P	P	14 29 03.1	+0.1	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
SPMN	baz=307 Marine on St.	47.04	68	P	P	14 29 03.1	-0.9	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
CBK5	baz=310 Cedar Bluff	47.04	79	P	P	14 29 03.3	-0.9	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
F38A	baz=307 Pierce - Schro	47.11	67	P	P	14 29 03.3	-1.3	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
K35A	baz=308 Storm Lake	47.20	72	P	P	14 29 03.8	-1.4	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
J36A	baz=308 Seneca 1, Swea	47.33	71	P	P	14 29 04.0	-2.3	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
L35A	baz=308 Bielow Farm, R	47.40	73	P	P	14 29 05.0	-1.8	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
I37A	baz=309 Lemond, Waseca	47.44	70	P	P	14 29 06.1	-1.1	TLY	comp=Z,520nm,20.6s,baz=62,slow=36 SSE								SSE	comp=Z,520nm,20.6s,baz=62,slow=36 SSE		p	p	14 43 08.6	-1.7	
O33A	baz=																							

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, etc. Includes stations like AAK, BVAR, BRVK, DAWW, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, etc. Includes stations like KBZ, KIV, KVV, BMO, SHME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, etc. Includes stations like KSP, ARR, PV05, MORC, etc.

IDC 12 15:29:56.6, 3.2, 3.65S, 151.85E, h0km, mb3.2/2, mb1 3/5.2, mb1mx3 1/36, mbtmp3.2/2, Error ellipse: s-maj=142.8km s-min=43.6km az=120.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, TORO, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Evrytania, Kastanea, Bitola, Valsamata, Litokhoron, etc.

ISCJB 12 18:04:02.9-0.3, 24.72N-0.02-122.42E:0.01, h7km, 2km, Error ellipse: s-maj=3.1km s-min=2.1km az=18.0

Main table of station data for 12d 18h, listing station names, coordinates, and observation times.

Main table of station data for 2012 JAN, listing station names, coordinates, and observation times.

Table of station data for 12d 18h, listing station names, coordinates, and observation times.

CSEM 12 18:13:17.2-0.9, 50.27N-18.93E, h1km, Error ellipse: s-maj=16.7km s-min=6.7km az=11.0

Table of station data for CSEM 12 18:13:17.2-0.9, 50.27N-18.93E, h1km.

CSEM 12 18:14:33.9-0.4, 50.10N-18.49E, h1km, Error ellipse: s-maj=8.3km s-min=3.5km az=26.0

Table of station data for CSEM 12 18:14:33.9-0.4, 50.10N-18.49E, h1km.

ISCJB 12 18:04:58.1, 38.57N-43.26E, h2km, ML2.7

CSEM 12 18:04:59.3-0.2, 38.55N-43.23E, h2km, ML2.7, Error ellipse: s-maj=5.0km s-min=3.5km az=107.0

Table of station data for ISCJB 12 18:04:58.1, 38.57N-43.26E, h2km, ML2.7.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
TOF	Tornio	1.66	124	eP	Sb	18 29 56.2 +0.2	
TOF	Tornio	1.66	124	eN	Pn	18 29 33.6 +0.1	
TOF	Tornio	1.66	124	eS	Pn	18 29 56.2 +0.2	
HEF	Hetta	1.71	36	P	Pn	18 29 34.0 +0.3	
HEF	Hetta	1.71	36	P	Pn	18 29 57.2 +0.3	
HEF	Hetta	1.71	36	eP	Pn	18 29 34.1 +0.3	
HEF	Hetta	1.71	36	eS	Pn	18 29 53.9	
HEF	Hetta	1.71	36	eP	Pn	18 29 57.2 +0.3	
KIF	Kilpisjärvi	1.97	358	Pn	Pn	18 30 06.6 +0.1	
KIF	Kilpisjärvi	1.97	358	Pn	Pn	18 29 40.0 0.0	
KIF	Kilpisjärvi	1.97	358	Pn	Pn	18 30 06.6 +0.1	
KIF	Kilpisjärvi	1.97	358	Pn	Pn	18 29 39.3 -0.6	
KIF	Kilpisjärvi	1.97	358	Pn	Pn	18 29 40.0 0.0	
KIF	Kilpisjärvi	1.97	358	eP	Pn	18 30 06.6 +0.1	
KIF	Kilpisjärvi	1.97	358	eS	Pn	18 29 39.3 -0.6	
KIF	Kilpisjärvi	1.97	358	eP	Pn	18 29 39.3 -0.6	
KIF	Kilpisjärvi	1.97	358	eS	Pn	18 30 02.7	
SGF	Sodankyl	2.20	77	Pb	Pn	18 30 07.1 +0.6	
SGF	Sodankyl	2.20	77	Pb	Pn	18 29 42.1 +1.1	
SGF	Sodankyl	2.20	77	Pb	Pn	18 30 12.6 +1.0	
SGF	Sodankyl	2.20	77	Pb	Pn	18 29 42.2 +1.1	
SGF	Sodankyl	2.20	77	eS	Pn	18 30 12.6 +1.0	
SGF	Sodankyl	2.20	77	eP	Pn	18 29 45.7 -1.1	
SGF	Sodankyl	2.20	77	eS	Pn	18 30 13.1 0.0	
SGF	Sodankyl	2.20	77	eP	Pn	18 29 45.7 -1.1	
STEI	Steigen	2.37	295	eP	Pn	18 30 13.1 0.0	
STEI	Steigen	2.37	295	eS	Pn	18 29 45.7 -1.1	
STEI	Steigen	2.37	295	eP	Pn	18 29 45.7 -1.1	
STEI	Steigen	2.37	295	eS	Pn	18 29 45.7 -1.1	
STEI	Steigen	2.37	295	eP	Pn	18 29 45.7 -1.1	
STEI	Steigen	2.37	295	eS	Pn	18 29 45.7 -1.1	
BURU	Burvik	2.48	176	P	Pn	18 29 46.3 +1.6	
BURU	Burvik	2.48	176	P	Pn	18 29 22.2 -0.5	
BURU	Burvik	2.48	176	P	Pn	18 29 46.4 +1.6	
BURU	Burvik	2.48	176	P	Pn	18 29 22.2 -0.5	
BURU	Burvik	2.48	176	P	Pn	18 29 46.4 +1.6	
BURU	Burvik	2.48	176	P	Pn	18 29 22.2 -0.5	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
MOR8	Moi Rana	2.74	254	eP	Pn	18 29 49.3 +0.8	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
OUL	Oulu	2.81	132	Pn	Pn	18 29 50.1 +0.7	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARA0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.7 +0.4	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
ARE0	ARCESS Array S	3.02	32	Pn	Pn	18 29 52.3 0.0	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
LOF	Lofoten	3.04	294	eP	Pn	18 29 52.1 -0.5	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
OUF	Merijarvi	3.11	148	P	Pn	18 29 54.8 +1.4	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
KONS	Konsvik	3.15	264	eP	Pn	18 29 55.2 +1.1	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
STOK	Stokkvaagen	3.24	261	eP	Pn	18 29 57.0 +1.8	
VRF	Varrjo	3.42	74	P	Pn	18 29 59.3 +1.6	
VRF	Varrjo	3.42	74	P	Pn	18 30 48.3 +1.8	
VRF	Varrjo	3.42	74	P	Pn	18 29 59.3 +1.6	
VRF	Varrjo	3.42	74	P	Pn	18 30 48.3 +1.8	
VRF	Varrjo	3.42	74	P	Pn	18 29 59.3 +1.6	
VRF	Varrjo	3.42	74	P	Pn	18 30 48.3 +1.8	
VRF	Varrjo	3.42	74	P	Pn	18 29 59.3 +1.6	
VRF	Varrjo	3.42	74	P	Pn	18 30 48.3 +1.8	
VRF	Varrjo	3.42	74	P	Pn	18 29 59.3 +1.6	
VRF	Varrjo	3.42	74	P	Pn	18 30 48.3 +1.8	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
MSF	Maaselka	3.43	106	P	Pn	18 29 59.2 +1.3	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.4 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.5 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.4 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.5 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.4 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.5 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.4 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.5 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.4 +0.6	
KU6	Rieikki	3.72	102	P	Pn	18 30 02.5 +0.6	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.5 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.6 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.5 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.6 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.5 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.6 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.5 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.6 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.5 +1.7	
VAF	Vilstaro	4.08	169	P	Pn	18 30 08.6 +1.7	
HEMU	Hemsoen	4.56	197	P	Pn	18 30 14.0 +0.7	
HEMU	Hemsoen	4.56	197	P	Pn	18 31 07.8 +0.9	
HEMU	Hemsoen	4.56	197	P			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIT, VIT, VTS, MPEP, TIRR, BARS, CFR, ZAGS, MLR, VOIR, PLOST, VRI, KUBI, HERR, DOPR, GRUZ, MDVR, IVAS, TRUS, DIVS, BZS, KECS, VYHS, LANS.

ATH 12 18:59:57.7, 38.86'N, 27.01'E, h30km, 1km, ML2.9, Error ellipse: s-maj=3.1km s-min=1.2km az=256.0
THE 12 18:59:58.4, 38.85'N, 26.95'E, h3km, 1km, ML2.97, Error ellipse: s-maj=2.0km s-min=0.6km az=242.0
ISCJB 12 18:59:58.0, 38.85'N, 26.95'E, h12km, 3km, Error ellipse: s-maj=2.3km s-min=2.3km az=162.9
DDA 12 18:59:58.3, 38.83'N, 26.97'E, h7km, ML3.6
CSEM 12 18:59:58.0, 38.83'N, 26.89'E, h12km, ML3.4, Error ellipse: s-maj=2.7km s-min=2.5km az=76.0
ISK 12 18:59:58.1, 38.85'N, 26.84'E, h16km, ML3.4
ISC 12 18:59:58.4, 0.9, 38.85'N, 0.01, 26.95'E, 0.02, h15km, 6km, n137, s085/203, 12C-3D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAND, KRBN, CUND, URLA, UZB, PRK, AKHS, ZEV, CESE, DGB, STEP, CHOS, SIGR, BAYC, BALY, BALB, EZN, SMG, SMG, SMG, BOZC, MANT, KULA, AYDN, AYDN, DEMI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEMI, DEMI, DEMI, DURSUNBEY, DURSUNBEY, LAPSEKI, LAPSEKI, GADGA, GADGA, GADGA, KARABIGA-CANAK, KARABIGA-CANAK, TAYFUR-GELIBOL, TAYFUR-GELIBOL, SIMAV-KUTAHYA, SIMAV-KUTAHYA, LIMNOS ISLAND, LIMNOS ISLAND, KARACABEY, KARACABEY, BODRUM, BODRUM, SARKOY-TEKIRDA, SARKOY-TEKIRDA, ERIKLI-KESAN, ERIKLI-KESAN, ORHANELI, ORHANELI, SAMOTHRAKI ISLAND, SAMOTHRAKI ISLAND, SAMOTHRAKI ISLAND, SAMOTHRAKI ISLAND, ENEZ, ENEZ, ENEZ, ENEZ, TAVSANLI, TAVSANLI, TAVSANLI, TAVSANLI, APEIRANTHOS, APEIRANTHOS, APEIRANTHOS, APEIRANTHOS, MUDANYA-BURSA, MUDANYA-BURSA, ALEXANDROUPOLI, ALEXANDROUPOLI, ALEXANDROUPOLI, ALEXANDROUPOLI, MARMARA-EREGLI, MARMARA-EREGLI, SFTI-KURGAN, SFTI-KURGAN, ARMUTLU, ARMUTLU, GUZELCE-AVCILIA, GUZELCE-AVCILIA, RODO, RODO, RODO, RODO, CAVUSKOY, CAVUSKOY, DURANOPOLIS, DURANOPOLIS, PAIOLI, PAIOLI, KAVA, KAVA, KAVA, KAVA, KAVA, KAVA, SERRAI, SERRAI, NVR, NVR, NVR, NVR, NVR, NVR, VITOSA, VITOSA, BARS, BARS, TIRR, TIRR, ZAGS, ZAGS, GOWS, GOWS, CFR, CFR, KUCUVO, KUCUVO, MDVR, MDVR, BZS, BZS, SIRR, SIRR.

SJA 12 19:05:37.5, 0.3, 31.43'S, 69.26'W, h105km, 7km, ML1.8, MW3.8, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTL, RTL, RTSP, RTSP, AMOG, AMOG, AMOG, AMOG.

IDC 12 19:07:24.4, 60.0, 22.62'S, 179.00'W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.7/1.8, mbtmp4.0/3, Error ellipse: s-maj=1087.0km s-min=159.0km az=86.0, South of Fiji Islands

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

SOME 12 19:09:45.3, 40.40'N, 77.68'E, h0km

KRNET 12 19:09:45.9, 0.1, 40.38'N, 77.50'E, mb3.0
NCC 12 19:09:48.1, 3.7, 40.42'N, 77.50'E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=36.6km s-min=23.1km az=148.0
KNET 12 19:09:56.0, 4.6, 40.55'N, 76.89'E, h0km, ml2.7, Error ellipse: s-maj=71.8km s-min=8.8km az=91.0
ISC 12 19:09:47.5, 1.6, 40.38'N, 0.07, 77.57'E, 0.04, h10km, n39, s194/69, 23C-22D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRN, ULHL, ULHL, ULHL, KZA, KZA, KZA, BOOM, BOOM, TNSS, TNSS, IZV, IZV, SATY, SATY, MDOK, MDOK, MDOK, MDOK, KOTS, KOTS, MTBS, MTBS, KST, KST, KST, TKM2, TKM2, UCH, UCH, UZB, UZB, UZB, KBK, KBK, KBK, BMNS, BMNS, SFK, SFK, SFK, DGS, DGS, AAK, AAK, AAK, AAK, PDGK, PDGK, PDGK, PDGK, CHMS, CHMS, CHMS, AML, AML, AML, CHKK, CHKK, ARSB, ARSB, KUU, KUU, USP, USP, ARXS, ARXS, MNAS, MNAS, KAPS, KAPS, KAPS, KK31, KK31, KK31.

ISCJB 12 19:10:16.3, 0.6, 23.97'N, 0.02, 122.43'E, 0.01, h7km, 4km, Error ellipse: s-maj=3.9km s-min=2.2km az=172.7
TAP 12 19:10:17.3, 24.04'N, 122.45'E, h25km, ML2.7, C
JMA 12 19:10:18.0, 0.2, 24.04'N, 122.46'E, h13km, 2km, M2.2
ISC 12 19:10:16.3, 1.0, 24.02'N, 0.03, 122.47'E, 0.02, h17km, 8km, n4, s087/978, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARXS, ARXS, MNAS, MNAS, KAPS, KAPS, KAPS, KK31, KK31, KK31.

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

NIED 12:21:27.00, 38.60N, 142.80E, h35km, Mw3.8. Best double couple: M=5.47000x10^14, NP1=0.1040000, B=43.00000, lambda 126.00000, NP2=0.2390000, delta 57.00000, lambda 161.00000. ISCBJ 12:21:27.26, 1.2, 38.56N, 0.05, 142.78E, 0.10, h46km, 1.1km, mb3.5/4, Error ellipse: s-maj=13.0km s-min=7.7km az=13.4

JMA 12:21:27.40, 1.1, 38.60N, 142.71E, h33km, 3km, M4.1 JMA Felt 1 J1. IDC 12:21:27.29, 3.6, 38.60N, 143.07E, h64km, 29km, Mw3.4/4, mb1.3/5.7, mb1mx3.2/206, mbtrmp3.6/7, ML3.2/2, Error ellipse: s-maj=24.8km s-min=24.8km az=82.0

ISC 12:21:27.28, 6.1, 4, 38.57N, 0.06, 142.7E, 0.1, h44km, 9km, n21, r151/28, mb3.5/5, Near east coast of eastern Honshu

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

IDC 12:21:29.16, 7.46, 0, 18.34S, 177.47W, h0km, mb4.6/3, mb1.4/8.3, mb1mx3.8/29, mbtrmp4.6/3, Error ellipse: s-maj=84.2km s-min=143.9km az=80.0

ISCJB 12:21:30.16, 2.0, 8, 19.55S, 0.1, 178.2W, 0.1, h60km, mb4.2/18, Error ellipse: s-maj=15.9km s-min=13.7km az=15.5

NEIC 12:21:30.17, 2.0, 8, 19.50S, 178.10W, h60km, 15km, mb4.2/15, Error ellipse: s-maj=16.5km s-min=13.4km az=66.0

ISC 12:21:30.17, 3.0, 9, 19.55S, 0.1, 178.1W, 0.1, h60km, n28, r056/23, mb4.3/18, Fiji Islands region

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

SJA 12:21:30.52, 9.0, 5, 31.85S, 69.49W, h100km, 4km, ML2.3, MW3.5, San Juan Province

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

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

IDC 12:21:39.30, 7.0, 5, 12.37N, 143.45E, h0km, mb4.1/18, mb1.4/2/18, mb1mx4.1/38, mbtrmp4.1/18, MS3.8/18, Ms1.3/8/18, ms1mx3.7/36, Error ellipse: s-maj=18.5km s-min=11.9km az=96.0

ISCJB 12:21:39.33, 0.0, 4, 12.32N, 143.06E, 143.35E, 0.07, h27km, mb4.2/23, MS3.8/17, Error ellipse: s-maj=11.1km s-min=7.0km az=31.7

NEIC 12:21:39.34, 9.3, 7, 12.36N, 143.41E, h29km, 27km, mb4.4/5, Error ellipse: s-maj=11.8km s-min=7.6km az=101.0

ISC 12:21:39.34, 6.0, 5, 12.36N, 0.07, 143.46E, 0.09, h27km, n35, r1504/29, mb4.1/23, MS3.8/17, South of Mariana Islands

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

PMG Alice Springs 21.94 170 P P 21 42 55.9

PMG Luwut 24.48 238 eP P 21 44 50.4 -1.3

MJAR Matsushiro Arr 24.54 350 LR P 21 53 44.8

Honiara 27.15 142 LR P 21 56 22.2

KSRSS Korea Array 28.60 334 LR P 21 56 55.3

CTA Charters Tower 32.36 312 P P 21 46 02.1 +0.1

USRK Ussuriysk Arr 33.22 345 LR P 21 57 13.6

WRAB Tennant Creek 33.32 196 eP P 21 46 10.1 -0.4

WRA Warramunga Arr 33.33 196 P P 21 58 48.8

FITZ Fitzroy Crossi 35.01 210 P P 21 46 24.2 -0.8

ENH Enshi 36.13 305 eP P 21 46 33.8 -1.0

ASAR Alice Springs 37.01 195 P P 21 46 42.5 +0.3

KLR Kul dur 38.02 348 P P 21 46 51.5 +1.1

KLR 0.0m, 0.4s, baz=160, slow=15, SNR=2.9

DZM Mont Dzumac 40.98 146 P P 21 47 16.0 +0.5

CMAR Chiang Mai Arr 43.26 284 P P 21 47 34.8 +0.6

STKA Stephens Creek 44.02 182 P P 21 47 39.7 -0.3

SONM Songoing Array 46.96 326 P P 21 48 02.7 -0.6

MKAR Makanchi Array 61.42 317 P P 21 49 49.3 +0.6

ZALV Zalesovo Beam 61.83 325 P P 21 49 50.7 -0.5

ILAR Eielson Array 70.26 25 P P 21 50 43.9 -1.3

INK Inuvik 76.02 22 P P 21 51 19.9 +0.7

GEYT Geyt 78.87 307 P P 21 51 37.4 +1.6

YKA Yellowknife Ar 84.57 27 P P 21 52 05.9 +0.6

ARCES ACCESS Array Bt 87.82 40 P P 21 52 20.5 -0.7

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

ERTU Ertsjaerv 1.51 148 eP Pn 21 41 00.2 -1.3

HARU Harads 1.71 169 P Pn 21 41 04.8 +0.5

KALU Kalix 2.35 146 P Pn 21 41 13.6 +0.5

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

KALU Kalix 2.35 146 eP Pn 21 41 13.7 +0.6

Table with columns: IRM, Iron Mountain, 148.27 250 P, PKPbc, 22 27 57.2 +0.2, etc. Includes stations like Casper, Pinyon Flats O, Belle Mtn. Jos, etc.

Table with columns: JMM, Marumori, 2.70 290 P, Pn, 22 14 28.2 +1.4, etc. Includes stations like Ichinoseki, Otama, Ohasama, etc.

IDC 12 22:16:52.63.6, 2.48N-93.70E, h0km, mb3.4/3, mb1 3.6/4, mb21mx3.3/40, mbtmp3.4/4, ML3.9/1, Error ellipse: s-maj=15.2km s-min=29.7km az=63.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Chiang Mai Arr, Makanchi Array, Warrunguna Arr, etc.

IDC 12 22:30:55.0.0.4, 16.76S; 173.68W, h0km, mb4.7/17, mb1 4.9/20, mb1mx4.8/30, mbtmp4.7/20, ML4.3/3, MS4.0/26, MS1.4/1/26, ms1mx4.0/31, Error ellipse: s-maj=17.5km s-min=13.1km az=150.0

GCMT 12 22:30:59.3.0.2, 16.70S; 173.30W, h58km, 1km, MW5.1/83, Moment Tensor Solution: s55,c68; s83,c125; Duration: 0. Moment tensor: Scale 10^10Nm; Mr,4,24;18; Mw=5.1;14; Ms=0.8;15; Me=1.0;9;13; Mv=2.1;12;14; Mw=2.0;9;10; Best double couple: Ms5.69600x10^16; Np1.3;261.00000; s54.00000; s52.00000; NP2: o=134.00000; s50.00000; s130.00000; Principal axes: T 5.5880, Plg60.0000; Azm111.0000; N 0.2150, Plg30.0000; Azm285.0000; P -5.8030, Plg2.0000; Azm17.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 12 22:30:59.3.1.1, 16.75S; 173.59W, h35km, 10km, mb5.3/41, MS4.7/2, Error ellipse: s-maj=7.9km s-min=6.5km az=117.0

ISCJL 12 22:31:00.1.0.2, 16.82S; 173.73W, h0.04, h50km, mb5.0/74, MS4.2/30, Error ellipse: s-maj=6.3km s-min=5.3km az=37.2

BUI 12 22:31:01.2, 16.50S; 173.20W, h79km, mb5.0/20, mb5.5/19, Ms5.2/7, Ms7.4/8/7

MOS 12 22:31:02.3.1.4, 16.71S; 173.92W, h48km, mb5.2/23, Error ellipse: s-maj=12.6km s-min=12.0km az=161.5

ISC 12 22:31:01.0.0.5, 16.88S; 173.70W, h0.05, h48km, 3km, 14C-36D, Tonga Islands

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

Table with columns: LBZ, Lake Benmore, 30.79 203 eP, P, 22 37 11.8 -2.2, etc. Includes stations like KWAJ, Kwailein Atol, WAKI, WAKE ISLAND Hy, etc.

NIED 12 22:13:00.37.00N; 144.00E, h5km, Mw3.6 Best double couple: M2.78000; 1014 Np1.3; 17.00000; s38.00000; s1.98.00000; NP2: o=207.00000; s52.00000; s1.84.00000

JMA 12 22:13:45.9.0.4, 37.00N; 144.01E, h50km, M3.7, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Callahan, Belle Mtn. Jos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Includes stations like Pinyon Flats O, PFO, SWSC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like HEC Hektor Ludlow, GLA Glamis, GMRC Granite Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like 136A Ennis, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FINES FINESS Array B, OBN Obninsk, KIV Kislovodsk, etc.

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

ISC/JB 12 22:32:17.5-0.6, 50.23N-0.19E, 20E, 0.04, h0km, Error ellipse: s-maj=6.0km s-min=2.5km az=22.0

CSEM 12 22:32:18.7-0.4, 50.23N-19.24E, h2km, ML2.8/4, Error ellipse: s-maj=9.4km s-min=3.9km az=16.0

WAR 12 22:32:19.8, 50.20N-19.25E, h1km, Mw2.5

PRU 12 22:32:19.4, 50.20N-19.24E, h1km

ISC 12 22:32:19.1-0.8, 50.12N-0.04E, 19.27E, h0km, n37, c679/60, Poland

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

ISC/JB 12 22:49:33.9-0.5, 40.30N-0.02E, 29.44E, 0.03, h4km, 5km, Error ellipse: s-maj=4.2km s-min=3.7km az=36.6

DDA 12 22:49:33.7, 40.32N-29.48E, h7km, ML2.5

ISC 12 22:49:33.1, 40.28N-29.43E, h8km, ML2.5

CSEM 12 22:49:34.1-0.2, 40.31N-29.45E, h10km, ML2.5, Error ellipse: s-maj=3.7km s-min=3.3km az=114.0

ISC 12 22:49:33.6-1.1, 40.31N-0.02E, 29.45E, 0.02, h8km, 10km, n52, c0847/76, Turkey

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

ISC 12 22:38:10.0, 38.55N-43.69E, h5km, ML2.8

CSEM 12 22:38:11.3-0.4, 38.54N-43.70E, h2km, ML3.0, Error ellipse: s-maj=9.4km s-min=5.1km az=99.0

DDA 12 22:38:11.2, 38.55N-43.68E, h5km, ML3.0

ISC 12 22:38:11.4-1.3, 38.55N-0.02E, 43.74E, 0.03, h4km, 11km, n46, c1913/62, Turkey

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

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

MEX 12 22:43:49.8-0.3, 19.56N-104.59W, h46km, 10km, MD3.5, Near coast of Jalisco

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

ISC 12 22:44:40.6-1.6, 1.43N-126.26E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3/7.34, mbtmp3.9/5, ML3.6/1, Error ellipse: s-maj=108.3km s-min=21.0km az=67.0

NEIC 12 22:44:42.5-0.8, 1.77N-126.28E, h35km, mb4.0/4, Error ellipse: s-maj=20.6km s-min=10.8km az=51.0

ISC/JB 12 22:44:45.8-1.4, 1.4N-0.2E, 126.0E, 0.2, h54km, mb4.0/7, Error ellipse: s-maj=33.0km s-min=15.1km az=137.2

ISC 12 22:44:47.8-1.6, 1.3N-0.2E, 126.0E, 0.2, h54km, n9, c0818/1, mb4.0/7, Northern Molucca Sea

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

ISC/JB 12 22:49:33.9-0.5, 40.30N-0.02E, 29.44E, 0.03, h4km, 5km, Error ellipse: s-maj=4.2km s-min=3.7km az=36.6

DDA 12 22:49:33.7, 40.32N-29.48E, h7km, ML2.5

ISC 12 22:49:33.1, 40.28N-29.43E, h8km, ML2.5

CSEM 12 22:49:34.1-0.2, 40.31N-29.45E, h10km, ML2.5, Error ellipse: s-maj=3.7km s-min=3.3km az=114.0

ISC 12 22:49:33.6-1.1, 40.31N-0.02E, 29.45E, 0.02, h8km, 10km, n52, c0847/76, Turkey

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

ISC 12 22:38:10.0, 38.55N-43.69E, h5km, ML2.8

CSEM 12 22:38:11.3-0.4, 38.54N-43.70E, h2km, ML3.0, Error ellipse: s-maj=9.4km s-min=5.1km az=99.0

DDA 12 22:38:11.2, 38.55N-43.68E, h5km, ML3.0

ISC 12 22:38:11.4-1.3, 38.55N-0.02E, 43.74E, 0.03, h4km, 11km, n46, c1913/62, Turkey

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

mb3.5/4, Error ellipse: s-maj=16.3km s-min=7.9km

GUC 12 22:50:57.1-0.6, 18.38S-69.46W, h116km, 4km, ML3.5

ISC 12 22:51:00.5-4.6, 18.27S-69.01W, h155km, 29km, mb3.4/4, mb1.3/5.7, mb1mx3/3.23, mbtmp3.8/7, Error ellipse: s-maj=52.6km s-min=23.6km az=24.0

ISC 12 22:50:56.5-0.8, 18.40S-0.06E, 69.42W, 0.10, h128km, 7km, n12, c1931/18, mb3.7/4, 2C-2D, Northern Chile

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.

ISC 12 23:01:51.0, 38.63N-43.25E, h5km, ML2.8

CSEM 12 23:01:52.3-0.2, 38.61N-43.20E, h2km, ML2.8, Error ellipse: s-maj=5.1km s-min=4.2km az=92.0

DDA 12 23:01:52.2, 38.60N-43.20E, h7km, ML3.4

ISC 12 23:01:53.0-0.5, 38.63N-0.02E, 43.25E, 0.05, h7km, 6km, Error ellipse: s-maj=7.1km s-min=4.0km az=9.4

ISC 12 23:01:52.5-1.1, 38.64N-0.02E, 43.20E, 0.02, h4km, 10km, n35, c080/54, Turkey

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

ISC/JB 12 23:17:26.7-0.5, 50.20N-0.04E, 114.92W, 0.05, h0km, mb3.1/2, Error ellipse: s-maj=5.6km s-min=3.8km az=36.1

PGC 12 23:17:28.1-0.0, 50.23N-114.76W, h0km, ML3.1/7, 104km southwest of Calgary, Alberta, Canada Mining explosion

ISC 12 23:17:28.0-0.8, 50.19N-115.00W, h0km, mb3.1/2, mb1.3/6.6, mb1mx3/4.35, mbtmp3.4/6, ML3.8/3, Error ellipse: s-maj=14.3km s-min=7.4km az=117.0

ISC 12 23:17:26.6-0.7, 50.24N-0.04E, 114.83W, 0.04, h0km, n43, c1949/48, Alberta

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPGN Carpegna, FNVD Fontana Vidola, PARC Parchieule, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOTA Moosalm, DAVA Damuels, etc. Contains technical data and error ellipses.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CDD Cape Douglas, AUE Augustine Isla, etc. Contains technical data and error ellipses.

Table with columns: LON, comp, Z, SNR, range, and other identifiers. Includes entries like Longmire, B08A, LTY, G03D, COR, etc.

Table with columns: PAHR, RES, QLMT, PNTR, YHB, GCMT, YHH, YMR, YERR, YNR, CMB, CMB, CMB, YPP, WAKR, H17A, H17A, IMW, KVN, KVN, RLMT, RLMT, FXWY, MOOW, TPWA, SAO, SAO, SNOW, NV01, NVAR, NVAR, REDW, NV11, HVU, HVU, LAO, LAO, MDPB, AHID, MLAC, BGU, SEUT, SEW, SEW, BW06, PD31, PDAR, TIN, DUG, DUG, DUG, RCTC, TCUT, PAGB, R11A, R11A, CRU, GRAC, JLU, CWC, VES, SMCC, NLU, MPU, DAC, DAC, DAC, PEAOB, PETK, PETK, TPNV, TPNV, TPNV, ISAB, ISAB, ISAB, PKM, FURC, MPMC, TCRU, LRMC, MA2, MA2, K22A, K22A, TMUT.

Table with columns: P17A, MSU, SHOC, P18A, SHPR, EDW2, CCUT, SCZ2, Q16A, RWWY, RSSD, RSSD, RSSD, MDND, SZCU, BLG, MTPU, SRU, SRU, RRX, TUQ, LCMT, MWC, PKCU, O20A, O20A, ULM, ULM, ULM, BFSC, SNCC, SNCC, A31A, B31A, HEC, CIS, A32A, C31A, GMRC, LDFC, PHWY, N23A, SC12, PV09, B32A, U15A, U15A, PV10, D31A, BELC, A33A, W13A, PV05, C32A, PFO, PFO, PFO, E31A, AGMN, AGMN, D32A, IRM, IRM, PV01, B33A, SMCO, F31A, F31A, 109C, BC3, C33A, E32A, ISCO, ISCO, ISCO, PDMC, B34A, MONP, BAR, G31A, D33A, Y12C, SUSD, WUAZ.

WUAZ	Wupatki	33.41 115	eP	P	01 45 09.9 +1.4	L34A	Svendensen Farm,	36.45 92	P	P	01 45 35.1 +0.6	S34A	Willow Spring	39.10 98	P	P	01 45 57.1 +0.1
SWSC	Sam W. Stewart	33.43 123	P	P	01 45 09.5 +1.0	K35A	Storm Lake	36.55 90	P	P	01 45 35.4 0.0	F44A	Big Bay de Noc	39.11 79	P	P	01 45 56.8 -0.1
F32A	Veblen	33.45 88	P	P	01 45 08.5 -0.1	H37A	Dierker Farm, C	36.55 86	P	P	01 45 36.0 +0.7	I42A	Draeger Farm,	39.16 84	P	P	01 45 56.6 -0.8
MVCO	Mesa Verde	33.51 110	P	P	01 45 09.9 +0.3	M34A	Aspy Farms, Fr	36.66 93	P	P	01 45 36.3 0.0	L40A	Anamosa	39.16 88	P	P	01 45 56.9 -0.5
MVCO	Mesa Verde	33.51 110	eP	P	01 45 09.9 +0.3	I37A	Lemond, Waseca	36.66 87	P	P	01 45 36.5 +0.1	P37A	Lathrop	39.22 93	P	P	01 45 58.0 +0.1
IKP	In-Ko-Pah, Jac	33.54 124	P	P	01 45 11.0 +1.4	LPM	Nos Pinos Moun	36.72 111	eP	P	01 45 38.3 +1.2	K41A	Shullsburg	39.28 86	P	P	01 45 58.0 -0.4
G32A	Webster	33.64 89	P	P	01 45 10.3 -0.1	N33A	J Bar K, Exete	36.73 94	P	P	01 45 37.3 +0.3	N39A	Derby Farms, D	39.30 90	P	P	01 45 58.3 -0.3
E33A	Westby DABS, E	33.65 86	P	P	01 45 10.6 +0.2	G38A	Ridgeland	36.73 84	P	P	01 45 36.8 -0.1	O38A	Galt	39.31 92	P	P	01 45 58.5 -0.2
D34A	Park Rapids	33.72 84	P	P	01 45 10.8 -0.2	F39A	Loretta	36.75 83	P	P	01 45 37.2 +0.1	J42A	Columbus	39.43 84	P	P	01 45 59.5 -0.1
B35A	Bok Littlefor	33.73 81	P	P	01 45 10.8 -0.2	Y22D	IRIS PASCAL I	36.76 111	P	P	01 45 38.7 +1.2	MNTX	Cornudas Mount	39.44 112	P	P	01 46 01.1 +1.2
GLA	Glamis	33.78 122	P	P	01 45 12.7 +1.1	H38A	Maiden Rock	36.83 85	P	P	01 45 38.2 +0.5	MNTX	Cornudas Mount	39.44 112	eP	P	01 46 01.1 +1.2
GLA	Glamis	33.78 122	eP	P	01 45 13.3 +1.6	BNM	Barren Site	36.85 111	eP	P	01 45 39.6 +1.3	R36A	Gordon, Harris	39.51 95	P	P	01 46 00.2 -0.1
GLA	Glamis	33.78 122	eP	Pmax	01 45 13.3 +1.6	CBKS	Cedar Bluff	36.89 99	P	P	01 45 39.2 +0.9	L41A	Preston	39.54 87	P	P	01 46 00.3 -0.3
F33A	5 Mile Ranch,	33.92 87	P	P	01 45 12.6 0.0	CBKS	Cedar Bluff	36.89 99	eP	Pmax	01 45 39.4 +1.0	S35A	Otter Creek Ra	39.54 97	P	P	01 46 00.9 +0.3
Q24A	Divide	33.92 104	P	P	01 45 13.8 +0.7	E40A	Wakefield	36.96 81	P	P	01 45 39.2 +0.4	T34A	McCleskey Farm	39.57 98	P	P	01 46 01.2 +0.3
S22A	4UR Ranch, Cre	33.96 107	P	P	01 45 14.5 +1.0	G39A	Holcombe	37.02 84	P	P	01 45 39.3 -0.1	I43A	Langefeld Bro	39.57 83	P	P	01 46 00.7 -0.1
C35A	Jirik Farms, M	34.00 83	P	P	01 45 13.3 -0.1	K36A	Gilmore City	37.03 90	P	P	01 45 39.8 +0.4	P38A	Dawn	39.63 92	P	P	01 46 01.4 0.0
E34A	Wadena	34.09 85	P	P	01 45 14.4 +0.2	J37A	Redenius Farm,	37.05 88	P	P	01 45 39.3 -0.4	Q37A	Longview Farm,	39.67 94	P	P	01 46 01.5 -0.2
H32A	Carlson Farm,	34.17 90	P	P	01 45 15.1 +0.2	O33A	Hebron	37.13 95	P	P	01 45 40.6 +0.3	K42A	Prairie Point,	39.68 85	P	P	01 46 01.4 -0.3
G33A	Ortonville	34.25 88	P	P	01 45 15.6 0.0	N34A	Lincoln	37.17 93	P	P	01 45 40.6 -0.1	O39A	Kirkville	39.71 91	P	P	01 46 01.6 -0.5
X16A	Lo Mia Camp, P	34.26 116	eP	P	01 45 17.4 +1.5	F40A	Par Falls	37.18 82	P	P	01 45 40.6 -0.1	J43A	Natural Harves	39.77 84	P	P	01 46 02.1 -0.3
J31A	Geddes	34.27 92	P	P	01 45 16.1 +0.3	I38A	Scanlan Farm,	37.22 86	P	P	01 45 41.1 0.0	N40A	Mertquake, Sal	39.79 89	P	P	01 46 02.1 -0.6
D35A	Remer	34.34 83	P	P	01 45 16.7 +0.3	L36A	Har Buss Farm	37.28 90	P	P	01 45 41.3 -0.2	SRIG	Santa Rosalia	39.82 123	eP	P	01 46 04.3 +1.3
H33A	Prehn Over Nor	34.42 89	P	P	01 45 17.2 +0.1	H39A	Augusta	37.36 85	P	P	01 45 42.0 -0.3	S36A	Lake Cedric, C	39.90 96	P	P	01 46 03.5 -0.1
I32A	Karley and Nic	34.47 90	P	P	01 45 17.3 -0.2	K37A	Belmond	37.38 89	P	P	01 45 42.0 -0.4	M41A	Milan	40.00 88	P	P	01 46 03.7 -0.7
E35A	Pequot Lakes	34.48 84	P	P	01 45 18.0 +0.4	E41A	Kenton	37.44 81	P	P	01 45 42.7 -0.2	T35A	Sooner Cattle	40.01 98	P	P	01 46 04.7 +0.1
F34A	Alexandria	34.50 86	P	P	01 45 17.7 -0.1	O34A	Beatrice	37.53 94	P	P	01 45 43.8 +0.1	Q38A	Cooks Store, C	40.06 93	P	P	01 46 04.7 -0.3
W18A	Petrified Fore	34.53 113	P	P	01 45 19.5 +1.1	G40A	Rib Lake	37.56 83	P	P	01 45 43.7 -0.3	F46A	Macinaw City C	40.12 78	P	P	01 46 05.0 -0.3
C36A	Pine Crest Far	34.57 82	P	P	01 45 18.3 0.0	121A	Cookes Peak, D	37.57 114	P	P	01 45 46.0 +1.7	P39B	Salisbury	40.15 92	P	P	01 46 05.3 -0.3
SDCO	Great Sand Dun	34.64 106	P	P	01 45 20.4 +1.0	121A	Cookes Peak, D	37.57 114	eP	P	01 45 45.4 +1.0	O40A	La Belle	40.17 90	P	P	01 46 05.4 -0.5
SDCO	Great Sand Dun	34.64 106	eP	P	01 45 20.4 +1.0	N35A	Tabor	37.62 93	P	P	01 45 44.9 +0.4	T36A	Boggs Farm, Ca	40.24 97	P	P	01 46 06.2 -0.2
TIXI	Tiksi	34.65 327	eP	Pmax	01 45 17.7 -1.0	J38A	Wedel Dairy, R	37.63 87	P	P	01 45 44.4 -0.1	S37A	Fort Scott	40.28 95	P	P	01 46 06.3 -0.5
G34A	Benson	34.65 87	P	P	01 45 19.3 +0.2	I39A	Houston	37.78 86	P	P	01 45 45.9 +0.1	U35A	Pawnee	40.30 99	P	P	01 46 06.5 -0.4
J32A	Parkston	34.70 92	P	P	01 45 19.3 -0.2	319A	Douglas	37.78 117	eP	P	01 45 47.6 +1.5	N41A	Harden Midland	40.30 89	P	P	01 46 06.3 -0.6
K31A	O'Neill	34.72 93	P	P	01 45 19.9 +0.2	H40A	Chili	37.88 84	P	P	01 45 46.9 +0.3	Q39A	Willow Grove F	40.34 92	P	P	01 46 07.0 -0.3
D36A	Goodland	34.75 83	P	P	01 45 20.0 +0.1	P34A	Walnut Farm, R	37.91 95	P	P	01 45 47.3 +0.3	L43A	Garden Prairie	40.41 85	P	P	01 46 07.0 -0.8
F35A	Swanville	34.83 86	P	P	01 45 20.8 +0.2	K38A	Parkersburg	37.92 88	P	P	01 45 47.0 -0.1	WMOK	Wichita Mounta	40.45 102	P	P	01 46 08.4 +0.2
X18A	Snowflake	34.90 114	eP	P	01 45 22.9 +1.4	N36A	Muff Farm, Cla	38.02 92	P	P	01 45 48.1 +0.3	WMOK	Wichita Mounta	40.45 102	eP	Pmax	01 46 09.0 +0.7
C37A	Embarrass	34.94 81	P	P	01 45 21.1 -0.4	J39A	Decora	38.03 86	P	P	01 45 47.9 0.0	WMOK	Wichita Mounta	40.45 102	eP	P	01 46 08.9 +0.7
H34A	Spellman Lake,	34.95 88	P	P	01 45 21.7 0.0	M37A	Trindle Farm,	38.09 91	P	P	01 45 48.4 -0.1	R38A	Fenwick Farm,	40.47 94	P	P	01 46 07.5 -0.8
K32A	Verdigré	35.11 93	P	P	01 45 22.9 -0.2	G41A	Antigo	38.14 82	P	P	01 45 48.9 0.0	P40A	Cheneyville 18	40.50 91	P	P	01 46 08.1 -0.4
E36A	McGregor	35.12 84	P	P	01 45 23.4 +0.4	H40A	Norwalk	38.24 85	P	P	01 45 50.0 +0.3	N42A	Yates City	40.66 88	P	P	01 46 09.4 -0.5
ECSD	EROS Data Cent	35.12 90	P	P	01 45 22.8 -0.3	H41A	Junction City	38.28 83	P	P	01 45 49.9 -0.1	V35A	Meyer Ranch, C	40.70 99	P	P	01 46 10.1 -0.1
ECSD	EROS Data Cent	35.12 90	eP	P	01 45 22.9 -0.3	Q34A	Chapman	38.30 96	P	P	01 45 50.6 +0.3	T37A	Cheneyville 18	40.71 96	P	P	01 46 10.0 -0.3
D37A	Cotton	35.16 82	P	P	01 45 23.5 +0.1	MWH	Moku'aweohe	38.31 190	eP	P	01 45 52.1 +1.0	O41A	Passleys Farm,	40.71 89	P	P	01 46 09.7 -0.5
EYMN	Ely	35.17 80	P	P	01 45 23.5 0.0	HLD	Heilighu Di	38.33 189	eP	P	01 45 48.8 -1.8	U36A	Oologah	40.81 98	P	P	01 46 11.2 0.0
EYMN	Ely	35.17 80	eP	P	01 45 23.5 0.0	SBLH	Steaming Bluff	38.34 189	eP	P	01 45 52.3 +1.5	M43A	Waltham Townsh	40.81 86	P	P	01 46 10.7 -0.4
KSCO	Kaye Shedlock'	35.21 101	P	P	01 45 25.1 +1.0	UWB	Uwekahuna B	38.34 189	eP	P	01 45 53.5 +2.7	R39A	Chumby, Stover	40.84 93	P	P	01 46 10.9 -0.5
KSCO	Kaye Shedlock'	35.21 101	eP	P	01 45 25.2 +1.1	KSU1	Kansas State U	38.35 96	P	P	01 45 50.9 +0.2	OK020	N3440 Road, Me	40.85 100	eP	P	01 46 12.1 +0.6
G35A	Watkins	35.29 86	P	P	01 45 24.7 +0.2	BYL	Bryn's Ledge	38.35 189	eP	P	01 45 49.2 -1.7	Q40A	Laux Farm, Aux	40.87 92	P	P	01 46 11.0 -0.6
I34A	Hadley	35.32 89	P	P	01 45 24.5 -0.4	NPH	North Pit	38.35 189	eP	P	01 45 49.2 -1.7	S38A	Stockton	40.87 95	P	P	01 46 10.9 -0.8
F36A	Milaca	35.39 85	P	P	01 45 25.6 +0.2	NPOC	North of Pu'u	38.36 189	eP	P	01 45 54.0 +3.1	OK021	N3530 Road, S	40.88 99	eP	P	01 46 12.3 +0.5
C38A	Sawbill Land.	35.43 81	P	P	01 45 25.5 -0.2	P35A	Duane Minner,	38.36 95	P	P	01 45 51.0 +0.2	P41A	Barry, Barry	40.92 90	P	P	01 46 11.6 -0.5
H35A	Sunnyside Ranc	35.44 87	P	P	01 45 25.8 -0.1	K39A	Delhin	38.36 87	P	P	01 45 50.2 -0.5	N43A	Stutzman Famil	41.05 87	P	P	01 46 12.3 -0.7
MHTCO	State Highway	35.53 106	eP	P	01 45 29.0 +2.1	WRMH	West Rim	38.36 189	eP	P	01 45 51.7 +0.6	O42A	Bath	41.08 89	P	P	01 46 12.9 -0.5
L32A	Elgin	35.54 93	P	P	01 45 27.1 +0.3	JCUZ	Jacuzzi	38.37 189	eP	P	01 45 49.2 -1.8	T38A	Diamond	41.11 96	P	P	01 46 13.1 -0.1
E37A	Wrenshall	35.55 83	P	P	01 45 26.8 +0.1	KKO	Keanakakoi	38.37 189	eP	P	01 45 49.9 -1.2	U37A	Salina	41.13 97	P	P	01 46 13.7 -0.1
214A	Organ Pipe Nat	35.63 120	P	P	01 45 29.0 +1.4	STCH	Steam Cracks	38.37 189	eP	P	01 45 49.0 -2.0	W35A	Tecumseh	41.14 100	P	P	01 46 14.1 +0.2
214A	Organ Pipe Nat	35.63 120	eP	P	01 45 28.7 +1.0	RIM	Rim	38.37 189	eP	P	01 45 47.9 -3.2	TUL1	Leonard	41.14 98	P	P	01 46 13.6 -0.3
T25A	Trinidad	35.67 105	P	P	01 45 29.2 +1.0	SDHH	Sand Hill	38.38 189	eP	P	01 45 54.7 +3.5	S39A	Bolivar	41.14 94	P	P	01 46 12.7 -1.2
G36A	St. Michael	35.67 86	P	P	01 45 28.1 +0.2	PUH	Pauahi	38.39 189	eP	P	01 45 49.2 -2.0	V36A	Jenks	41.16 98	P	P	01 46 13.9 -0.1
K33A	Harding																

V38A	baz=320 Canehill	41.92	97	P	P	01 46 20.0	-0.3
T40C	baz=319,SNR=7.0 Mansfield	41.97	94	P	P	01 46 19.5	-1.3
CCM	baz=317 Cathedral Cave	42.00	92	eP	P	01 46 20.1	-0.8
CCM	comp=Z,14nm,1.1s Cathedral Cave	42.00	92	eP	P	01 46 18.7	-2.2
CCM	comp=Z,14nm,1.1s Cathedral Cave	42.00	92	eP	P	01 46 18.6	-2.2
SFJD	Kangerlussuaq	42.01	36	iP	P	01 46 21.2	+0.6
SFJD	Kangerlussuaq	42.01	36	iP	P	01 46 21.2	+0.6
Y35A	Marietta	42.01	101	P	P	01 46 21.8	+0.8
U39A	baz=321,SNR=12 Green Forest	42.03	96	P	P	01 46 20.3	-0.8
GRNR	baz=319 Gorny	42.06	294	eP	P	01 46 22.1	+0.8
R41A	comp=Z,17nm,0.9s Jilico Farms	42.07	93	P	P	01 46 20.8	-0.7
R42A	baz=318,SNR=20 Luebbering	42.08	91	P	P	01 46 20.9	-0.7
Q43A	baz=317 New Douglas	42.19	90	P	P	01 46 22.2	-0.3
TX31	baz=316 Lajitas Ar. Si	42.22	112	eP	P	01 46 24.0	+1.1
TXAR	baz=316 Lajitas Array	42.22	112	eP	P	01 46 24.0	+1.1
TXAR	comp=Z,12nm,1.0s,ba=328,slow=5.9,SNR=55 Lajitas Array	42.22	112	eP	P	01 46 24.0	+1.1
M46A	comp=Z,12nm,1.0s Old House Fiel	42.23	84	P	P	01 46 22.5	-0.3
V39A	baz=315 Pettigrew	42.34	96	P	P	01 46 23.5	-0.3
DAG	baz=319 Danmarks Havn	42.35	15	iP	P	01 46 23.2	-0.1
DAG	baz=319 Danmarks Havn	42.35	15	iP	P	01 46 23.2	-0.1
X37A	baz=320,SNR=6.6 Clayton	42.37	99	P	P	01 46 24.4	+0.4
U40A	baz=318 Yellville	42.38	95	P	P	01 46 23.3	-0.8
VLDO	comp=Z,37nm,1.2s Val d'Or	42.38	71	eP	P	01 46 22.6	-1.3
N46A	Monticello	42.39	85	P	P	01 46 23.0	-1.0
P44A	baz=316 Sand Creek, Wi	42.39	88	P	P	01 46 23.4	-0.6
Y36A	baz=321,SNR=7.6 Durant	42.41	101	P	P	01 46 25.1	+0.8
S42A	baz=317 Caledonia	42.45	92	P	P	01 46 23.2	-1.3
W38A	baz=320 Poteau	42.46	98	P	P	01 46 24.6	-0.1
T41A	baz=318 Mountain View	42.46	93	P	P	01 46 23.5	-1.2
FVM	French Village	42.49	91	eP	P	01 46 24.5	-0.4
FVM	comp=Z,33nm,1.3s French Village	42.49	91	eP	P	01 46 24.5	-0.4
SF1N	comp=Z,33nm,1.3s Lafayette	42.56	86	P	P	01 46 25.2	-0.2
X38A	baz=316 Whitesboro	42.60	98	P	P	01 46 26.0	+0.2
Y37A	baz=320 Hugo	42.70	100	P	P	01 46 27.6	+0.9
W39A	baz=320,SNR=7.9 Magazine	42.76	97	P	P	01 46 27.0	-0.1
V40A	baz=319,SNR=5.8 Witts Springs	42.81	96	P	P	01 46 26.5	-1.1
Z36A	baz=321 Blue Ridge	42.82	101	P	P	01 46 26.6	-1.0
P45A	baz=321 Graceland, Par	42.82	87	P	P	01 46 27.3	-0.2
T42A	baz=316 Van Buren	42.83	93	P	P	01 46 26.3	-1.3
U41A	baz=318,SNR=5.9 Viola	42.89	94	P	P	01 46 26.7	-1.6
S43A	baz=318 Fulton Ridge	42.98	91	P	P	01 46 28.3	-0.6
R44A	baz=318,SNR=10 Waltonville	43.02	90	P	P	01 46 28.3	-0.6
Q45A	baz=317 Warren Harvey	43.05	88	P	P	01 46 28.8	-0.7
X39A	baz=317 Fountain Ranch	43.10	98	P	P	01 46 29.8	-0.1
W40A	baz=320 Ferguson Farm	43.14	96	P	P	01 46 29.0	-1.1
O47A	baz=319 Sheridan	43.16	85	P	P	01 46 29.3	-1.0
V41A	baz=316 Mountainview	43.19	95	P	P	01 46 29.2	-1.4
OL1L	baz=319,SNR=7.2 Olney	43.20	89	eP	P	01 46 30.9	+0.3
HP1G	comp=Z,40nm,1.0s Schefferville	43.22	116	eP	P	01 46 31.7	+0.6
SCHO	comp=Z,8.4nm,0.8s,ba=309,slow=6.5,SNR=15 Schefferville	43.22	57	P	P	01 46 30.1	-0.5
T3A	comp=Z,452nm,18.3s,ba=356,slow=37 Greenville	43.23	92	P	P	01 46 30.1	-0.8
JCT	baz=318,SNR=12 Junction City	43.25	107	P	P	01 46 31.6	+0.4
JCT	baz=324,SNR=21 Junction City	43.25	107	eP	P	01 46 31.1	-0.1
JCT	comp=Z,64nm,1.0s Junction City	43.25	107	eP	P	01 46 31.1	-0.1
JCT	comp=Z,64nm,1.0s Junction City	43.25	107	eP	P	01 46 31.1	-0.1
U42A	baz=318 Revendon	43.26	94	P	P	01 46 29.4	-1.8
WH7X	baz=322 Lake Whitney	43.27	103	P	P	01 46 31.8	+0.5
Z37A	baz=321 Pogue Cattle C	43.30	101	P	P	01 46 31.7	+0.1
S44A	baz=317 Carbondale	43.33	91	P	P	01 46 30.9	-0.8
MIAR	baz=320,SNR=8.7 Mount Ida	43.36	97	P	P	01 46 32.1	+0.1
MIAR	comp=Z,44nm,1.3s Mount Ida	43.36	97	eP	P	01 46 32.4	+0.4
MIAR	comp=Z,44nm,1.3s Mount Ida	43.36	97	eP	P	01 46 32.4	+0.4
136A	baz=322,SNR=9.0 Ennis	43.38	102	P	P	01 46 32.6	+0.4
R45A	baz=317 Skylar, Fairir	43.42	89	P	P	01 46 31.9	-0.5
Z38A	baz=321 Mt. Pleasant	43.59	100	P	P	01 46 34.0	+0.1
P47A	baz=316 Martinsville	43.64	86	P	P	01 46 33.5	-0.7
137A	baz=321 Heron Place, G	43.70	101	P	P	01 46 35.1	+0.4
R40A	baz=320 Basin Creek Fa	43.80	97	P	P	01 46 34.7	-0.8
X46A	baz=320 Gibson Southern	43.89	89	P	P	01 46 35.9	-0.3
Y40A	baz=317 Okolona	43.92	98	P	P	01 46 36.0	-0.5
Q47A	baz=317 Bedord North L	43.95	87	P	P	01 46 36.3	-0.4
138A	baz=321,SNR=6.7 Matatal Enter	44.00	101	P	P	01 46 37.9	+0.8
435B	baz=321,SNR=6.7 Jarrell	44.16	105	P	P	01 46 39.4	+0.9
S46A	baz=323,SNR=6.5 Don Dixon Farm	44.17	89	P	P	01 46 38.1	-0.3
SP1TS	comp=Z,200nm,20.0s,ba=210,slow=34 Spitsbergen Ar	44.23	4	LR	LR	02 03 46.5	
WLAR	comp=Z,38nm,1.2s White Oak Lake	44.26	98	eP	P	01 46 40.1	+0.9
R47A	baz=317 Woolly Knot Far	44.38	88	P	P	01 46 39.6	-0.4
Y41A	baz=320 Eaglette Beard	44.38	97	P	P	01 46 40.2	0.0
ZEA	comp=Z,21nm,1.2s Zeya	44.51	303	eP	P	01 46 43.2	+2.2
ZEA	comp=Z,21nm,1.2s			MLR	MLR		
ZEA	comp=Z,800nm,13.0s			MLR	MLR		
ZEA	comp=N,500nm,14.0s			MLR	MLR		
WC1	baz=317 Wyandotte Cave	44.54	88	P	P	01 46 41.1	-0.3
T46A	Princeton	44.55	90	P	P	01 46 40.6	-0.9
140A	baz=318 Cam and Jess,	44.82	99	P	P	01 46 44.1	+0.4
NATX	baz=321 Nacogdoches	44.93	101	P	P	01 46 45.1	+0.5
NATX	comp=N,36nm,0.9s Nacogdoches	44.93	101	eP	P	01 46 45.7	+1.1
V45A	baz=319 Humboldt	44.94	92	P	P	01 46 44.5	-0.1
T47A	baz=318 Sharon Grove	45.01	89	P	P	01 46 44.8	-0.4
S48A	baz=318 Wiedeman Farm,	45.08	88	P	P	01 46 45.4	-0.3
240A	baz=322 Huff Patters	45.19	100	P	P	01 46 46.7	0.0
833A	baz=325 Chaparral WMA,	45.20	109	P	P	01 46 47.4	+0.6
Z42A	baz=320 Norrel Spur, H	45.20	97	P	P	01 46 46.6	-0.1
141A	baz=321 Papa Simpson,	45.20	99	P	P	01 46 47.0	+0.3
X44A	baz=321 Crenshaw	45.23	94	P	P	01 46 46.5	-0.5
W45A	baz=319 Hickory Valley	45.25	93	P	P	01 46 46.7	-0.4
WVT	baz=319 Waverly	45.26	91	P	P	01 46 46.9	-0.2
T48A	baz=318 Bowling Green	45.30	89	P	P	01 46 47.3	-0.2
U47A	baz=318 Clarksville	45.32	90	P	P	01 46 47.7	+0.1
KLR	comp=N,0.5nm,0.6s,ba=49,slow=7.5,SNR=22 Kulur	45.35	295	P	P	01 46 47.6	-0.1
Y44A	baz=321 Strider, Charl	45.61	95	P	P	01 46 49.7	-0.2
OXF	comp=Z,42nm,0.9s Oxford	45.62	94	eP	P	01 46 49.6	-0.4
OXF	comp=Z,42nm,0.9s Oxford	45.62	94	eP	P	01 46 49.0	-1.0
OXF	comp=Z,42nm,0.9s Oxford	45.62	94	eP	P	01 46 49.0	-1.0
Z43A	comp=Z,42nm,0.9s Armstrong Farm	45.63	97	P	P	01 46 50.1	0.0
241A	baz=320 Mo Yr, Galdon	45.65	99	P	P	01 46 50.7	+0.4
U48A	baz=321 Cassie Pea, Po	45.67	89	P	P	01 46 50.3	-0.1
X45A	baz=318 UM Field Stati	45.70	94	P	P	01 46 50.0	-0.6
M54A	baz=320 Oil Creek Stat	45.73	79	P	P	01 46 50.6	-0.3
HKT	baz=315 Hockley	45.74	104	eP	P	01 46 51.9	+1.0
HKT	comp=Z,73nm,1.5s Hockley	45.74	104	eP	P	01 46 51.9	+1.0
143A	comp=Z,73nm,1.5s Soe Landing,	45.93	97	P	P	01 46 52.9	+0.4
N54A	baz=316 Moraine State	45.95	80	P	P	01 46 52.3	-0.3
PLAL	baz=320 Pickwick Lake	45.98	92	eP	P	01 46 52.8	-0.1
Z44A	baz=320 Pea Ridge, Bel	46.01	96	P	P	01 46 53.1	0.0
242A	baz=320 Grayson	46.03	98	P	P	01 46 53.6	+0.3
X46A	baz=320 Booneville	46.03	93	P	P	01 46 52.8	-0.5
Y45A	baz=320 Yeager Farm, C	46.04	94	P	P	01 46 53.0	-0.4
341A	baz=322 Kuwuwood	46.05	100	P	P	01 46 53.5	0.0
V48A	baz=319 Smith Brothers	46.09	90	P	P	01 46 53.6	-0.2
Z45A	baz=320 Winona	46.34	95	P	P	01 46 55.6	0.0
Y46A	baz=320 Houston	46.39	94	P	P	01 46 56.2	0.0
X47A	baz=320 Russellville	46.45	92	P	P	01 46 55.3	-1.3
342A	baz=322 Flagon Creek P	46.47	99	P	P	01 46 56.7	0.0
441A	baz=322 DeRidder	46.50	100	P	P	01 46 57.9	+0.9
VBMS	comp=Z,137nm,1.8s Vicksburg	46.78	97	eP	P	01 47 00.3	+1.2
145A	baz=321 Houston Renfro	46.80	96	P	P	01 46 59.2	-0.1
244A	baz=321 Ave J, Jackson	46.83	97	P	P	01 46 59.9	+0.4
Z46A	baz=320 Louisville	46.88	94	P	P	01 47 00.3	+0.4
Y47A	baz=320 UCFARC, Winif	46.92	93	P	P	01 47 00.5	+0.3
X48A	baz=320,SNR=6.6 Hartselle	46.94	92	P	P	01 47 00.3	-0.1
SWET	comp=Z,7nm,1.0s Sewanee	46.96	90	eP	P	01 47 00.7	+0.1
B1NY	comp=Z,49nm,1.0s Binghamton	47.18	76	eP	P	01 47 03.0	+0.7
O56A	comp=Z,49nm,1.0s Blue Knob Stat	47.20	80	P	P	01 47 02.0	-0.5
146A	baz=321 Union	47.24	95	P	P		

Table with columns: GANJ, Ganja, 7.24 305, P, Pn, 01 43 59.8, -4.2, etc.

IDC 13 02:05:56.4, 0.9, 22.24N, 125.61E, h0km, mb3.6/9, mb1 3.9/10, mb1mx3.6/55, mbtmp3.7/10, ML3.7/2, MS3.6/1, Ms1 3.6/1, ms1mx2.7/34, Error ellipse: s-maj=29.5km s-min=17.0km az=79.0

ISCJB 13 02:05:58.6, 0.7, 22.55N, 0.04, 125.57E, 0.04, h38km, mb3.5/9, MS3.6/1, Error ellipse: s-maj=5.8km s-min=5.5km az=17.9

NIED 13 02:06:00, 22.60N, 125.40E, h35km, Mw4.1 Best double couple: M1.68000x1015 NP1.3x2.00000, S65.00000, 1.168.00000, NP2.2x1.48.00000, S79.00000, 1.26.00000, 1.37.00000, NP3.2x1.25.41E, h42km, M4.1

ISC 13 02:06:00.8, 1.0, 22.48N, 108.125E, 0.05, h38km, n29, c271/41, mb3.7/9, Southeast of Taiwan

Main table for station data with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

MEX 13 02:12:01.4, 0.6, 18.79N, 103.68W, h18km, 50km, MD3.6, Near coast of Michoacan

Table for station data in Mexico with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

JMA 13 02:24:51.8, 37.80N, 141.74E, h55km, 1km, M3.5, Near east coast of eastern Honshu

Main table for station data in Japan with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

IDC 13 02:33:09.2, 1.4, 37.44N, 143.32E, h0km, mb3.6/5, mb1 3.8/7, mb1mx3.6/33, mbtmp3.7/7, ML3.7/2, Error ellipse: s-maj=30.7km s-min=24.9km az=108.0

ISCJB 13 02:33:11.6, 0.8, 37.54N, 0.04, 143.22E, 0.06, h33km, mb3.6/5, Error ellipse: s-maj=7.5km s-min=4.8km az=19.5

JMA 13 02:33:12.0, 0.2, 37.59N, 143.23E, h52km, M3.4

ISC 13 02:33:13.5, 1.0, 37.56N, 0.04, 143.27E, 0.08, h35km, n24, c211/34, mb3.6/5, Off east coast of Honshu

Main table for station data in Japan with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: MAT, Matsushiro, 4.17 257, P, Pn, 02 34 16.5, +1.8, etc.

2.9nm, 0.3s, baz=72, slow=9.7, SNR=18

SONM Songo Array 27.83 303 P 0.6nm, 0.6s, baz=104, slow=7.9, SNR=6.2

ZALV Zalesovo Beam 42.66 312 P 0.5nm, 0.4s, baz=74, slow=11, SNR=2.0

ILAR Eilon Array 48.26 33 P 0.9nm, 0.7s, baz=87, slow=9.2, SNR=11

MAN 13 02:57:20, 11.17N, 123.69E, h8km, mb4.4, ML3.3, MS3.2, 2C-3D, Cebu

Main table for station data in Manila with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

NIED 13 03:28:00, 37.80N, 141.80E, h50km, Mw4.1 Best double couple: M1.57000x1015 NP1.3x64.00000, S14.00000, 1.109.00000, NP2.2x2.00000, S76.00000, 1.85.00000, 1.37.00000, NP3.2x1.25.41E, h42km, M4.1

ISCJB 13 03:28:10.6, 0.6, 37.81N, 0.03, 141.76E, 0.07, h63km, 50km, mb4.2/24, Error ellipse: s-maj=9.5km s-min=5.0km az=19.3

JMA 13 03:28:11.5, 37.81N, 141.74E, h50km, 1km, M4.2, JMA Fell I J1

NEIC 13 03:28:12.4, 1.0, 37.87N, 141.68E, h59km, 2km, mb4.4/6, Error ellipse: s-maj=12.4km s-min=8.0km az=131.0

NEIC Recorded 1 JMA in Fukushima, Iwate and Miyagi. IDC 13 03:28:13.9, 2.3, 37.78N, 141.62E, h75km, 21km, mb3.8/16, mb1 4.0/20, mb1mx3.8/47, mbtmp4.1/20, MS3.0/4, Ms1 3.0/4, ms1mx2.6/42, Error ellipse: s-maj=16.5km s-min=13.9km az=85.0

ISC 13 03:28:11.5, 1.3, 37.83N, 0.05, 141.76E, 0.08, h49km, 11km, n54, c1959/61, mb4.2/24, Near east coast of eastern Honshu

Main table for station data in Japan with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: FINES, FINESS Array B, 68.24 332, P, P, 02 34 16.5, +1.8, etc.

SUMG Summit 69.89 50 eP 4.3nm, 0.7s, baz=46, slow=5.5, SNR=6.3

AKASA Malin Array Bt 73.84 322 P 0.7nm, 0.5s, baz=46, slow=6.0, SNR=3.7

NVAR Mina Array Bae 74.29 53 P 1.3nm, 0.8s, baz=285, slow=5.9, SNR=10

PDAR Pinedale Array 76.31 45 eP 1.0nm, 0.6s, baz=257, slow=1.8, SNR=12

TXAR Lajitas Array 89.42 53 P 1.0nm, 0.5s, baz=294, slow=2.7, SNR=15

TORD Torri Ar. Bae 116.96 315 PKP 0.2nm, 0.8s, baz=66, slow=3.5, SNR=2.4

LCO Las Campanas 151.63 82 ePKPbc 0.3nm, 0.5s, baz=11, slow=7.3, SNR=5.0

IDC 13 03:49:30.9, 1.4, 35.33N, 143.43W, h0km, mb3.3/2, mb1 3.6/4, mb1mx3.2/48, mbtmp3.3/4, ML3.6/2, Error ellipse: s-maj=61.4km s-min=18.5km az=85.0

INMG 13 03:49:32.4, 1.4, 35.35N, 143.09W, h0km, MD3.5, ML2.9, Error ellipse: s-maj=2.4km s-min=2.3km az=15.0

MDD 13 03:49:32.0, 2.0, 35.30N, 143.08W, h0km, mbLg3.0/35, Error ellipse: s-maj=7.3km s-min=3.3km az=12.0, PRXIMO

SFS 13 03:49:32.0, 3.5, 35.36N, 143.02W, h1km, ML2.9, Error ellipse: s-maj=3.1km s-min=2.6km az=144.5

CSEM 13 03:49:32.9, 0.2, 35.31N, 143.10W, h15km, ML3.5/7, Error ellipse: s-maj=3.5km s-min=2.9km az=142.0

IGIL 13 03:49:33.0, 35.31N, 143.08W, h1km, ML2.7

CNRM 13 03:49:33.1, 35.29N, 143.81W, h21km, MD3.3

ISC 13 03:49:32.0, 0.9, 35.37N, 0.04, 141.71W, 0.02, h14km, 7km, n167, c1553/27, 4C-1D, Strait of Gibraltar

Main table for station data in various locations with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

13d 3h

Table with columns: ECAB, EI Cabril, 2.90 339 P, Pn, 03 50 19.6 +1.5, etc. Lists various stations and their coordinates.

2012 JAN

Table with columns: PTEO, Sao Teotonio, 4.31 302 P, S, 03 51 28.0 +0.6, etc. Lists various stations and their coordinates.

590

Table with columns: ECAL, Calabar, 6.88 343 P, Pn, 03 51 14.6 +1.8, etc. Lists various stations and their coordinates.

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

IDC 13 03:56:08.6+1.8, 69.03N x 166.51W, h0km, mb3.2/3, mb1 3.7/5, mb1mx3.3/4, mbtmp3.3/5, ML3.4/2, Error ellipse: s-maj=64.2km s-min=20.8km az=17.0, Chukchi Sea

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

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

IDD 13 04:37:19.5:2.0, 2.12N:92.83E, h0km, mb4.1/5, mb1 4.3/7, mb1mx3.8/50, mbmp4.1/7, ML4.4/2, Error ellipse: s-maj=59.1km s-min=21.3km az=57.0 NEIC 13 04:37:21.0:0.7, 2.10N:92.87E, h10km, mb4.4/4, Error

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

NNC 13 04:37:47.6:1.4, 36.85N:69.62E, h0km, mb4.1, mpv3.8, 5C-3D, Error ellipse: s-maj=11.4km s-min=10.3km az=149.0, Hindu Kush region

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

JMA 13 04:39:58.0:0.1, 39.22N:142.56E, h31km, M3.7, Near east coast of eastern Honshu

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

ISCJB 13 04:41:04.2:0.4, 23.72N:103.121.92E:0.02, h26km, 4km, Error ellipse: s-maj=4.9km s-min=2.8km az=144.0 TAP 13 04:41:04.9:23.74N:121.86E, h32km, ML3.3, C JMA 13 04:41:05.5:0.3, 23.84N:121.93E, h76km, M2.6

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

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

ISCJB 13 04:41:54.4:0.4, 36.34N:10.04:1.11E:0.04, h16km, Error ellipse: s-maj=5.5km s-min=3.7km az=32.2 CSEM 13 04:41:54.4:0.2, 36.28N:1.07E, h5km, ML3.5, Error ellipse: s-maj=6.1km s-min=3.5km az=28.0 CRAAG 13 04:41:54.3:36.19N:1.18E, ML3.5 MDD 13 04:41:55.0:0.4, 36.28N:1.08E, h0km, mb3.4/12, Error ellipse: s-maj=7.0km s-min=4.1km az=44.0, PRXIM0

ISC 13 04:41:54.7:0.9, 36.26N:10.04:1.11E:0.03, h16km, n44, n128/64, Northern Algeria

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ETOS Malloca, EQUQ Quentar, ELGU Los Guajares, EGO Sierra Gorda, EMOS Mosqueruela, etc.

IDC 13 04:54:12.9,3.4,53.63N,90.73E,h0km,mb1 3.1/3, mb1mx2.9/4.1,mbtmp3.1/3,ML2.6/3, Error ellipse: s-maj=32.6km s-min=23.8km az=34.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I46RU ZALESOV INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

SOME 13 05:02:04.9,44.27N,81.82E,h15km NNC 13 05:02:06.6,1.1,44.57N,81.57E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=15.1km s-min=4.4km az=129.0

ISC 13 05:02:02.9,1.1,44.46N,0.04,81.89E,0.05,h10km,n28, +19.94/47, 13C-12D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KTMS Ketmen, KAPS Kapalarasan, PDGK Podgomoye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TKM2, AAK Ala-Archa, KURBB Kurchatov Arra, etc.

THR 13 05:06:40.0,0.9,28.79N,58.24E,h14km,12km,ML3.5 CSEM 13 05:06:40.9,0.5,28.99N,58.19E,h2km,ML3.7, Error ellipse: s-maj=11.8km s-min=8.8km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHMN Cheshme madani, NGRK Negar Kerman, TVBK TV Kerman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IBAF Batgh, IBAF Batgh, IKOO Kooshah, etc.

ISC/JB 13 05:10:43.5,0.7,38.17N,0.04,26.46E,0.05,h11km,4km, Error ellipse: s-maj=8.6km s-min=4.7km az=38.4

CSEM 13 05:10:43.4,0.2,38.21N,26.50E,h15km,ML2.7, Error ellipse: s-maj=6.3km s-min=3.0km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ICHK Chekchek, GHIR Ghir-Karzin, TABS Tabas, etc.

ISC/JB 13 05:10:43.3,0.3,38.19N,26.48E,h5km,ML2.2, DD, 13 05:10:43.3,38.19N,26.51E,h14km,ML2.7

ISC 13 05:10:43.4,0.9,38.19N,0.05,26.48E,0.04,h15km,5km, n22,+0.47/34, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZELY Zmir, URLA Izmir, URLA Izmir, etc.

IDC 13 05:13:14.8,0.9,14.50S,76.08W,h0km,mb3.9/9, mb1 4.2/11,mb1mx1.1/35,mbtmp4.0/11,ML3.8/2,MS3.8/8,

Ms1 3.8/9,ms1mx3.5/31, Error ellipse: s-maj=32.0km s-min=17.4km az=56.0

ISC/JB 13 05:13:17.4,0.4,14.58S,76.06W,0.07,h29km,mb4 7.4/0,MS3.6/6, Error ellipse: s-maj=11.6km s-min=4.3km az=151.3

NEIC 13 05:13:20.9,0.9,14.57S,76.04W,h2km,9km,mb4 7.3/9, ML4.7(ARE), Error ellipse: s-maj=14.7km s-min=6.7km az=59.0

NEIC Felt [I] at Nazca and Palpa. BUJ 13 05:13:21.8,14.40S,75.30W,h17km,mb5.3/1,Ms5.2/2

ISC 13 05:13:19.8,0.5,14.35S,0.06,76.07W,0.10,h29km,n105, +15.64/93,mb4.8/40,MS3.5/6,1D,Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NNA Nana, NNA Nana, ATAH Athalupa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB11 IPOC Station P, PB01 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Station Name, Time, Res, etc. Includes stations like Ulaanbaatar, Songino Array, etc.

IDC 13 05:14:18.4-0.9, 22.42N-142.75E, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.5/7, mbtmp3.6/4, ML4.1/2, Error ellipse: s-maj=202.9km s-min=27.0km az=77.0, Volcano Islands region

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

GUC 13 05:15:13.4-0.8, 33.07S-69.08W, h6km, 21km, ML2.4, SJA 13 05:15:13.0-0.4, 32.93S-69.02W, h24km, 4km, ML2.1, MW3.5

ISC 13 05:15:14.5-1.4, 32.96S-69.01W, 0.07, h22km, 7km, n11, <0578/16, Mendoza Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like AUSP, FCH, RTCV, RTLS, LMEL, CLCH, PEL, ANTU, ACAN, ROCH, AMOG.

IDC 13 05:16:15.8-9.9, 11.47N-87.83W, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.6/4, mbtmp3.8/4, ML3.1/1, MS3.7/1, Ms1 3.7/1, ms1mx2.9/1, Error ellipse: s-maj=210.8km s-min=50.5km az=16.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like CMIG, TXAR, NNA, ULM, YKA.

NNC 13 05:18:25.5-1.5, 54.37N-86.94E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=13.9km s-min=7.7km az=1.0, IDC 13 05:18:26.7-2.7, 54.34N-86.95E, h0km, mb1 3.4/2, mb1mx3.0/5, mbtmp3.4/2, ML3.2/2, 10C-3D, Error ellipse: s-maj=22.4km s-min=16.7km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H46RU, ZAAO, ZALV, KURK, KURB, MK31, MKAR, MAZK, BVAR.

IDC 13 05:20:56.2-0.7, 17.82S-172.45W, h0km, mb4.2/9, mb1 4.5/10, mb1mx4.1/40, mbtmp4.2/10, ML4.1/1, MS3.3/4, Ms1 3.3/4, ms1mx3.0/28, Error ellipse: s-maj=34.2km s-min=16.7km az=140.0, ISCJB 13 05:20:58.2-0.3, 17.79S-172.56W, 0.08, h21km, mb4.7/37, MS3.3/2, Error ellipse: s-maj=13.6km s-min=6.6km az=44.0, NEIC 13 05:21:01.8-0.2, 17.85S-172.48W, h35km, mb4.7/29, Error ellipse: s-maj=9.9km s-min=4.8km az=136.0, ISC 13 05:20:59.6-0.5, 17.70S-172.5W, 0.1, h21km, n65, s1444/63, mb4.7/37, Tonga Islands region

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DZM, DZM, DZM, DZM, etc.

IDC 13 05:22:56.4-1.0, 1.36N-96.97E, h0km, mb4.2/13, mb1 4.2/15, mb1mx4.0/52, mbtmp4.2/15, ML4.0/2, MS3.6/7, Ms1 3.6/7, ms1mx3.3/38, Error ellipse: s-maj=28.0km s-min=17.5km az=51.0, ISCJB 13 05:22:59.6-0.3, 1.45N-0.04-97.06E, 0.04, h28km, mb4.4/28, MS3.7/5, Error ellipse: s-maj=7.4km s-min=3.7km az=43.3, DJA 13 05:23:00.5-0.8, 1.4-9.7E, h23km, 5km, M4.3/11, ML4.3/11, NEIC 13 05:23:01.4-1.6, 1.46N-97.08E, h30km, 10km, mb4.6/14, Error ellipse: s-maj=12.6km s-min=6.5km az=62.0, ISC 13 05:23:00.9-0.5, 1.42N-0.05-97.03E, 0.05, h28km, n91, s1907/91, mb4.5/28, MS3.5/5, Northern Sumatara

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DGPR, CM01, CM31, CMAR, etc.

Table with columns: PDAR, Pinedale Array, 77.14 329 P, P, 06 56 12.02 -0.2, comp=Z,0.6m,0.5s,baz=121,slow=7.4,SNR=6.3

ISCJB 13 06:49:21.9:0.3, 10'60S:0'05:165'23E:0'05, h30km, mb4.7/31, MS3.9/14, Error ellipse: s-maj=7.8km

NEIC 13 06:49:24.2:0.3, 10'52S:165'26E, h35km, mb5.0/21, Error ellipse: s-maj=10.3km s-min=7.9km az=150.0

BUI 13 06:49:25.5, 10'95S:165'42E, h76km, mb4.6/10, mB5.1/3, Ms5.0/4, Ms7.4/7.4

IDC 13 06:49:28.1:6.3, 10'76S:165'21E, h75km, mb3.8/11, mb1.4/13, mb1mx3.8/41, mbtmp4.2/13, ML4.2, MS3.8/13, Ms1.3/13, ms1mx3.6/42, Error ellipse: s-maj=38.6km

ISC 13 06:49:23.6:0.4, 10'55S:0'06:165'26E:0'06, h30km, n75, r176/70, mb4.8/31, MS3.9/14, Santa Cruz Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, H, m, s, ISC

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

534nm 22.8s

Mont Dzumac 11.51 174 ePn Pn 06 52 08.9 +2.8

7.9nm,0.3s

Table with columns: ILI, Eielson Array, 83.20 19 eP, P, 07 01 45.6 -1.0

ISCJB 13 07:03:15.0:0.5, 29'58S:0'175:178'W:0'1, h204km, mb3.5/6, Error ellipse: s-maj=13.1km s-min=5.2km

WEL 13 07:03:14.1:0.9, 30'S:9'17'W:2'1, h208km, 8km, ML4.4/2

IDC 13 07:03:16.0:0.5, 29'07S:178'38W, h205km, 3km, mb3.2/5, mb1.3/6.7, mb1mx3.3/28, mbtmp4.0/7, Error ellipse: s-maj=21.7km s-min=14.1km az=178.0

ISC 13 07:03:15.5:0.6, 29'62S:0'08:178'3W:0'1, h204km, n47, r196/51, mb3.6/6, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, H, m, s, ISC

570nm,0.3s,baz=94,slow=18,SNR=7.2

MXZ Matakaoa Point 8.41 199 S S 07 06 51.5 +3.0

WMGZ Waionatani S 8.62 197 S S 07 06 56.4 +2.8

WMGZ Waionatani S 8.62 197 S S 07 06 51.5 +3.0

KUZ Kuaotunu 8.62 197 S S 07 06 51.5 +3.0

WUZ Waipatu 8.62 197 S S 07 06 51.5 +3.0

OUZ Omahuta 8.62 197 S S 07 06 51.5 +3.0

PUZ Puketiti 8.62 197 S S 07 06 51.5 +3.0

MWZ Matawai 9.35 200 S S 07 06 51.5 +3.0

CPWZ Capitiwai 9.35 200 S S 07 06 51.5 +3.0

URZ Urewera 9.41 202 P Pn 07 05 25.1 -1.9

URZ 14nm,0.3s,baz=128,slow=20,SNR=9.6

URZ Urewera 9.41 202 P Pn 07 05 25.1 -1.9

URZ Urewera 9.41 202 P Pn 07 05 25.1 -1.9

PXZ Pawanui 11.11 200 S S 07 05 49.2 +0.3

PXZ Pawanui 11.11 200 S S 07 05 49.2 +0.3

TSZ Takapani Road 11.42 203 P Pn 07 05 57.2 -2.6

DWZ Dannevirke 11.42 203 P Pn 07 05 57.2 -2.6

PVZ Post Office R 11.79 203 P Pn 07 05 57.2 -2.6

BFZ Birch Farm 11.90 200 P Pn 07 05 58.8 -0.1

MRZ Mangatainoka R 12.09 203 P Pn 07 05 58.8 -0.1

MRZ Mangatainoka R 12.09 203 P Pn 07 05 58.8 -0.1

CPWZ Capitiwai 9.35 200 S S 07 06 51.5 +3.0

OGWZ Otaki Gorge 12.37 204 P Pn 07 06 02.4 -2.4

TMWZ Te Maipa 12.39 201 P Pn 07 06 03.8 -1.3

MTW Mount Morrison 12.56 202 P Pn 07 06 05.5 -1.8

TRWZ Traveller 12.72 201 P Pn 07 06 07.7 -1.6

DZM Mont Dzumac 15.62 295 P P 07 06 44.1 -1.1

RPZ Rata Peaks 16.43 200 P Pn 07 06 53.8 -0.9

RPZ 2.1nm,0.3s,baz=295,slow=21,SNR=5.3

AFI Afiamalu 16.77 23 P S 07 06 49.3 -8.5

RAR Rarotonga 18.72 68 P P 07 07 17.1 -1.8

STKA Stephens Creek 34.38 256 P P 07 09 44.5 +1.2

ASAR Alice Springs 42.87 266 P P 07 10 52.3 -1.7

ASAR 0.8nm,0.6s,baz=97,slow=8.1,SNR=3.9

ASAR 0.5nm,0.7s,baz=114,slow=3.6,SNR=4.8

Table with columns: VNA3 Neumayer Olymp 79.50 176 P P, 07 14 59.0 +2.1

ISCJB 13 07:14:17.2:0.0, 50'01N:78'71E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=12.1km s-min=3.7km az=76.0

IDC 13 07:14:18.5:0.6, 50'05N:78'80E, h0km, mb1.2/9.3, mb1mx2.9/41, mbtmp2.5/12, ML2.7, 12C-2D, Error ellipse: s-maj=16.1km s-min=6.4km az=59.0, Eastern

ISC 13 07:14:18.5:0.6, 50'05N:78'80E, h0km, mb1.2/9.3, mb1mx2.9/41, mbtmp2.5/12, ML2.7, 12C-2D, Error ellipse: s-maj=16.1km s-min=6.4km az=59.0, Eastern

Kazakhstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, H, m, s, ISC

17nm,0.6s

MAKZ Makanchi 3.87 146 fPn Pn 07 15 18.9 -0.4

MAKZ 3.1nm,0.9s

MAKZ 4.2nm,0.5s

MK31 Makanchi Array 4.00 143 fPn Pn 07 15 21.7 +0.6

MK31 0.1nm,0.2s,baz=320,slow=14,SNR=22

MK31 1.0nm,0.3s,baz=320,slow=12,SNR=16

MK31 6.3nm,0.5s,baz=328,slow=27,SNR=24

MKAR Makanchi Array 4.00 143 Pn Pn 07 15 21.8 +0.7

MKAR 0.5nm,0.3s,baz=338,slow=12,SNR=18

MKAR 0.7nm,0.3s,baz=328,slow=16,SNR=17

MKAR 1.8nm,0.3s,baz=329,slow=26,SNR=14

ZALV Zalesovo Beam 5.39 41 Pn Pn 07 15 42.0 +1.8

I46RU ZALESOVO INFRA 5.39 41 i Pn Pn 07 47 00.0

BVAO Borovoye Array 6.03 303 fSn Sn 07 16 57.3 -1.4

BVAO 3.2nm,0.7s

BVAO 4.4nm,0.8s

BVAR Borovoye Array 6.03 303 Pn Pn 07 15 48.0 -0.9

BVAR 0.2nm,0.3s,baz=104,slow=12,SNR=2.9

BRVK 0.7nm,0.3s,baz=115,slow=21,SNR=11

BRVK 2.0nm,0.6s

BRVK 1.7nm,0.5s

ISCJB 13 07:22:25.4:0.4, 31'63S:0'03:66'95W:0'04, h127km, 5km, mb3.8/2, Error ellipse: s-maj=5.5km s-min=4.3km az=39.6

IDC 13 07:22:25.4:2.9, 31'60S:66'78W, h109km, 30km, mb3.5/2, mb1.3/6.6, mb1mx3.3/28, mbtmp3.8/6, Error ellipse: s-maj=56.0km s-min=22.0km az=108.0

SJA 13 07:22:26.0:0.9, 31'64S:67'00W, h119km, 5km, ML4.0, MW3.7, Fault plane solution: N1P1.5:187.20000, 634.60000, -1.590000

ISC 13 07:22:26.1:0.8, 31'62S:0'04:66'93W:0'04, h121km, 8km, n36, r194/52, 16C-10B, La Rioja Province

ACAN Cantantal 0.69 199f ePn Pn 07 22 46.8 +1.2

ACAN 1.4nm,0.8s

APLL PUNTA DE LOS L 1.27 16f i Pn Pn 07 22 58.5 -1.7

APLL 1.4nm,0.8s

APLL comp=Z,2.2um,0.4s

MRA San Martin 1.30 128f i Pn Pn 07 22 52.9 +1.4

MRA 1.4nm,0.8s

MRA comp=Z,2.2um,0.3s

RTLL Cerro Villucun 1.35 282f i Pn Pn 07 22 51.8 -0.2

RTLL 1.4nm,0.8s

RTLL comp=Z,3.2um,0.3s

RTCV Cerro Valdivia 1.39 260f i Pn Pn 07 22 52.6 +0.0

RTCV 1.4nm,0.8s

SJA San Juan 1.40 273f i Pn Pn 07 22 52.9 +0.4

SJA 1.4nm,0.8s

SJA comp=Z,1.0um,0.2s

ZON Zonda 1.50 272f i Pn Pn 07 22 53.8 +0.2

ZON 1.4nm,0.8s

ZON AMOG Mogna 1.50 296f i Pn Pn 07 22 54.7 +0.5

ZON 1.4nm,0.8s

ASAL Salagasta 1.89 239f i Pn Pn 07 23 14.4 -0.2

ASAL 1.4nm,0.8s

ASAL comp=Z,1.0um,0.2s

TCA Tanti 2.01 83f i Pn Pn 07 23 01.3 +1.5

TCA 1.4nm,0.8s

TCA IAML

RTLS Leocito 2.03 264f i Pn Pn 07 23 00.7 +0.5

RTLS 1.4nm,0.8s

RTLS comp=Z,4.15nm,0.4s

ARCO CERRO ARCO 2.09 234f i Pn Pn 07 23 01.3 +0.5

ARCO 1.4nm,0.8s

ARCO comp=Z,2.2um,0.3s

AAGR Agrelo 2.17 227f i Pn Pn 07 23 02.3 +0.4

AAGR 1.4nm,0.8s

AAGR comp=Z,2.2um,0.3s

AUSP Uspallata 2.17 253f i Pn Pn 07 23 02.4 +0.3

AUSP 1.4nm,0.8s

AUSP comp=Z,2.2um,0.3s

AVLC CERRO LA CRUZ 2.19 359f i Pn Pn 07 23 03.0 +0.9

AVLC 1.4nm,0.8s

AVLC comp=Z,2.2um,0.3s

AVIZ Vicacheras 2.28 216f ePn Pn 07 23 03.8 +0.5

AVIZ 1.4nm,0.8s

AVIZ comp=Z,2.2um,0.3s

SUCO 2.44 135 IAML Pn Pn 07 23 34.8

SUCO 1.4nm,0.8s

SUCO comp=Z,3.68nm,0.3s

AGUA GUANDACOL 2.52 327f i Pn Pn 07 23 07.2 +1.0

AGUA 1.4nm,0.8s

AGUA comp=Z,2.2um,0.3s

PIL Pilar 2.60 92f i Pn Pn 07 23 08.7 +1.5

PIL 1.4nm,0.8s

PIL comp=Z,1.0um,0.3s

PIL VCA 3.08 339f ePn Pn 07 23 14.9 +1.3

PIL 1.4nm,0.8s

PIL comp=Z,3.02nm,0.2s

CYA Choya 3.31 17f i Pn Pn 07 23 16.9 +0.3

CYA 1.4nm,0.8s

CYA comp=Z,2.2um,0.3s

CYA IAML

COYA comp=Z,4.24nm,0.4s

ROCI El Roble 3.71 248f ePn Pn 07 23 28.0 +6.0

ROCI 1.4nm,0.8s

ROCI comp=Z,2.2um,0.3s

LCO Las Campanas 4.17 308f ePn Pn 07 23 28.6 +0.4

LCO 1.4nm,0.8s

LCO comp=Z,2.2um,0.3s

AHML Horco Molle 5.02 17f ePn Pn 07 23 38.7 -0.7

AHML 1.4nm,0.8s

AHML comp=Z,2.2um,0.3s

AHML IAML

AHML comp=Z,5.8nm,0.6s

FSA Cafayete 5.55 9f i Pn Pn 07 23 47.2 +0.5

FSA 1.4nm,0.8s

FSA comp=Z,2.8nm,0.6s

FSA IAML

SLA San Lorenzo 6.99 11 IAML Pn Pn 07 26 14.4

SLA 1.4nm,0.8s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZAP Zapla, ASTB Santa Barbara, HJA Humahuaca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy 28.65 125 T, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEIG Mezcala, CAIG El Cayaco, ARIG El Cayaco, etc.

IDC 13 07:42:55.6:2.6,53:44N:87:54E,h0km,mb1 3.1/2, mb1mx2.8/46,mbtmp3.1/2,ML2.8/2, Error ellipse: s-maj=22.2km s-min=13.6km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.69 289 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

MEX 13 08:29:44.8:0.7,18:89N:105:07W,h16km,18km,MD3.7, Off coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CJM Chabela, CJM Chabela, R15V R15V, etc.

IDC 13 08:31:40.8:3.0,54:19N:86:47E,h0km,mb1 2.7/2, mb1mx2.6/55,mbtmp2.7/2,ML2.3/2, Error ellipse: s-maj=23.3km s-min=13.7km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.00 257 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 13 07:50:05.0:2.7,53:76N:86:87E,h0km,mb1 3.0/2, mb1mx2.8/36,mbtmp3.0/2,ML2.7/2, Error ellipse: s-maj=25.5km s-min=13.3km az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.23 280 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

MEX 13 08:35:39.7:0.4,16:03N:99:24W,h10km,6km,MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACX Acapulco, ACX Acapulco, PNIG Pinotepa, etc.

ISCJB 13 09:12:18.0:0.4,33:70N:0:06:136:94E:0:05, h380km,2km,mb3.4/7.4, Error ellipse: s-maj=9.9km s-min=5.9km az=158.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMW Minora Araya, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

ISCJB 13 08:25:48.9:1.7,54:77N:0:1:83:69E:0:10,h10km, Error ellipse: s-maj=15.7km s-min=6.6km az=19.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.23 280 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 13 08:36:37.2:3.1,54:25N:87:34E,h0km,mb1 2.8/2, mb1mx2.6/55,mbtmp2.8/2,ML2.6/2, Error ellipse: s-maj=24.3km s-min=17.7km az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.51 259 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC 13 09:12:19.0:0.7,33:71N:0:08:136:90E:0:05,h375km,5km, n47,r11f/63,mb3.5/14,Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TT02 TONANKAI O.B.S, TT01 TONANKAI O.B.S, TT03 TONANKAI O.B.S, etc.

ISC 13 08:25:51.5:2.2,54:77N:0:1:83:78E:0:07,h10km,n8, c237/11,3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 0.98 141 i, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

JMA 13 09:06:30.1,36:78N:141:26E,h34km,1km,M3.2,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JHO Hitachi, etc.

IDC 13 08:26:09.7:2.0,37:86N:143:18E,h0km,mb3.5/4, mb1 3.5/5,mb1mx3.3/45,mbtmp3.4/5,ML3.0/1, Error ellipse: s-maj=46.2km s-min=28.6km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ouri, JFK Kawauchi, etc.

ISCJB 13 09:11:52.3:0.8,14:90N:0:07:95:99W:0:05,h16km, mb4.5/7,MS3.2/4, Error ellipse: s-maj=9.8km s-min=6.0km az=15.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA 1.51 259 i, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 13 09:11:52.0:1.1,14:89N:95:50W,h0km,mb4.0/5, mb1 4.2/7,mb1mx3.9/32,mbtmp3.9/7,ML3.7/2,MS3.2/6, MS1 3.2/6,ms1mx3.0/43, Error ellipse: s-maj=48.5km s-min=20.7km az=81.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEIC 13 09:11:54.2:0.0,14:78N:95:93W,h20km,mb4.0/9, MEX 13 09:11:54.2:0.0,14:78N:95:93W,h20km,MD4.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Damavand, Bostanabad, Ghamsar, Lerik, Heris, Firuzkooh, Kolehrood, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo Beam, NIED 13, ISCJB 13, JMA 13, etc.

RPZ Rate Peaks 41.65 160 LR LR 13 44 11.8
comp=Z,121mm,21.8s,baz=25,slow=30
ILAR Eielson Array 82.58 22 P P 13 35 31.2 0.0

ISCJB 13 13:26:53.8:0.5, 44.799N,01:23:48E,0.02,h8km,3km,
mb3.5/5,MS2.9/1,Error ellipse: s-maj=2.8km s-min=2.0km
az=44.0
BEO 13 13:26:53.8:0.5, 45.04N:23:57E, h14km,2km,MS3.4/1
CSEM 13 13:26:54.3:0.1, 44.97N:23:52E, h5km,MD3.8,Error
ellipse: s-maj=3.8km s-min=2.5km az=148.0
SIGU 13 13:26:54.5:1.0, 45.1N:0:9:23:5E:0.8, h3km, mb3.1/5
SOF 13 13:26:54.5:1.0, 45.00N:23:60E, h100km,MD3.2
IDC 13 13:26:54.3:1.2, 45.63N:23:44E, h0km, mb3.5/5,
mb1.3/6, mb1mx3.3/6, mbmtmp3.4/6, ML3.3/1, MS3.2/2,
Ms1.3/2, ms1mx2.4/43, Error ellipse: s-maj=23.0km
s-min=18.1km az=161.0
BUC 13 13:26:55.2:0.8, 45.07N:23:55E, h11km,6km,MD3.8/4,
Error ellipse: s-maj=6.3km s-min=5.1km az=352.0
ISC 13 13:26:54.2:1.0, 44.98N,0:02:23:51E,0:01, h12km,7km,
n156, r1s46/222, mb3.5/5, 35C-42D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists various stations like Strehaia, Lotru, Djerdap, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like BARS Barje, FGSL Fruska Gora, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like RAKU Rakhiv, BBLs Lazik&263i, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like SJA 13 13:30:44.9:0.7, 23:01S:69:09W, etc.

mb1 3.5/4, mb1mx3.2/61, mbtmp3.4/4, Error ellipse: s-maj=37.8km s-min=23.2km az=60.0
 ISCBJ 13 16:50:07.4.1.0, 36:67N.0.05:140:74E.0.08, h13km,4km, mb3.4/4, Error ellipse: s-maj=12.0km s-min=5.1km az=31.7
 JMA 13 16:50:08.9, 36:72N.140:61E, h7km,1km, M3.4
 Broadband fault plane solution: P waves. NP1:
 $\phi_s=127.00000^\circ, \delta_1=0.00000^\circ, \lambda=110.00000^\circ$; NP2:
 $\phi_s=337.00000^\circ, \delta_1=3.00000^\circ, \lambda=67.00000^\circ$. Principal axes:
 T P1g, 0.0000, Azm231.0000, N P1g15.0000,
 Azm140.0000, P P1g74.0000, Azm335.0000;

JMA 13 16:50:07.9.1.3, 36:77N.0.06:140:62E.0.06, h4km,11km,
 n14, c0572D, mb3.5/4, 6C-1D, Near east coast of
 eastern Honshu

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
JHO	Hitachi	0.17	195	Op	16 50 11.4	+0.2
JHP				S	16 50 13.2	-0.3
ONAJ	Iwakimizuishi	0.35	23	Op	16 50 16.9	+0.1
ONAJ				P	16 50 22.5	-0.3
JSB	Shibuo	0.60	289	Op	16 50 21.2	+0.3
JFK	Kawauchi	0.62	19	Op	16 50 21.6	+0.2
JFT				P	16 50 30.7	+0.2
JYT	Yasato	0.65	213	Op	16 50 30.3	0.0
JYJ				S	16 50 28.5	-0.2
JFT	Yonaka	0.78	343	Op	16 50 24.7	+0.7
JFY	Yanaizu	0.97	311	Op	16 50 27.1	+0.5
JAG	Ashikaga	1.00	250	Op	16 50 26.6	-0.6
MJAR	Matsushiro Arr	1.96	294	Op	16 50 42.2	+0.4
MJAR				Pn	16 51 07.8	+1.0
MAT	Matsushiro	1.96	264	Op	16 50 42.6	+0.8
MAT				P	16 51 08.2	-0.3
SONM	Songino Array	27.41	305	Op	16 55 54.2	-0.3
KURBB	Kurchatov Arra	45.66	308	Op	16 58 28.2	-1.2
WRA	Warramunga Arr	56.73	187	Op	16 59 53.0	+0.3
ASAR	Alice Springs	60.45	187	Op	17 00 18.6	-0.1

MAN 13 16:53:02.7, 71N.125:39E, h29km, mb4.5, ML3.4, MS3.3,
 2D, Mindanao

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
BIPH	Bislig	0.60	381	Op	16 53 15.4	+0.8
BIPH				S	16 53 24.9	+1.5
MATI	Mati	0.80	160	Op	16 53 17.1	+0.7
MATI				S	16 53 29.7	+1.3
BUKP	Musuan	0.93	281	Op	16 53 20.3	+0.7
BUKP				S	16 53 31.7	+0.1
KCP	Kidapawan	1.13	232	Op	16 53 21.9	0.0
KCP				S	16 53 38.5	+1.2
BUTP	Butuan	1.31	344	Op	16 53 19.4	+0.3
BUTP				S	16 53 47.1	+4.8

ISCJB 13 16:55:35.7, 0.6, 31.40S, 0.05:179:9W, 0.1, h400km,
 mb4.0/3, Error ellipse: s-maj=16.3km s-min=6.4km
 az=14.3

IDC 13 16:55:35.4, 6.9, 31.60S, 179:75W, h407km, 74km, mb3.7/3,
 mb1 3.9/4, mb1mx3.3/29, mbtmp4.6/4, Error ellipse:
 s-maj=80.2km s-min=28.1km az=10.0

WEL 13 16:55:40.2, 0.2, 31.10W, 2.0, h346km, 13km
 ISC 13 16:55:35.5, 0.8, 31.18S, 0.08:179:9W, 0.1, h400km, n38,
 c168/34, mb4.0/3, Kermadec Islands region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
GLKZ	Green Lake	2.73	36	Op	16 56 36.7	+0.1
GLKZ				S	16 57 24.8	-1.2
MXZ	Matakaoa Point	7.35	211	Op	16 57 11.6	+0.7
MXZ				Pn	16 58 27.1	-1.8
WMGZ	Waionatati S	6.50	193	Op	16 57 16.9	+3.4
WMGZ				P	16 58 33.3	-0.1
HAZ	Te Kaha	6.58	197	Op	16 57 14.9	+0.6
HAZ				P	16 58 34.2	-0.9
PKGZ	Pakihoro	6.63	195	Op	16 57 19.4	+3.7
PKGZ				P	16 58 35.8	-0.5
OUZ	Omahuta	6.69	234	Op	16 57 18.4	+2.1
OUZ				P	16 57 20.2	+3.0
RUGZ	Raukumara Rang	6.80	197	Op	16 57 19.8	+2.2
RUGZ				S	16 58 36.2	-3.6
TGWZ	Tauwhareparea	6.93	195	Op	16 57 22.5	+3.5
TGWZ				S	16 58 41.3	-1.1
MWZ	Matawai	7.19	197	Op	16 57 21.7	-0.1
URZ	Urewera	7.23	200	Op	16 57 21.5	-0.7

URZ 9.6m, 0.3s, baz=279, slow=3.0, SNR=35
 URZ 9.6m, 0.3s, baz=264, slow=2.2, SNR=19

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
URZ	Urewera	7.23	200	Op	16 57 21.6	-0.6
URZ				S	16 58 47.6	-0.9
TOZ	Tahuroa Road	7.35	211	Op	16 57 28.1	+4.5
RIGZ	Rimuhatu	7.49	195	Op	16 57 16.8	+1.5
SNZ	Shannon Statio	7.66	197	Op	16 57 28.3	+1.3
PRGZ	Parituro Road	7.67	194	Op	16 57 29.6	+2.5
KNZ	Kokohu	7.81	195	Op	16 57 30.4	+1.8
BKZ	Black Stump Fm	8.25	201	Op	16 57 34.6	+1.0
HUZ	Hautiti	8.29	217	Op	16 57 37.0	+1.2
MCHZ	McNeill Hill	8.45	199	Op	16 57 30.7	+1.2
KRHZ	Keruru	8.73	200	Op	16 57 39.9	+1.0
KHZ	Kaharanaki	8.73	197	Op	16 57 40.2	+1.2
STKA	Stevens Creek	32.77	259	Op	17 01 33.9	+0.6
ASAR	Alice Springs	51.56	269	Op	17 02 45.0	-1.2
WRA	Warramunga Arr	42.65	274	Op	17 02 53.8	-1.2
MKAR	Makanchi Array	117.31	310	Op	17 13 33.2	-0.7
MKAR				PKP	17 14 24.3	+0.1
KBZ	Khabaz	144.43	302	Op	17 14 26.7	+0.5
FINES	FINES Array B	145.61	319	Op	17 14 34.6	+1.8
NOA	NORSAR Array B	149.56	349	Op	17 14 41.1	-0.8
AKASG	Malin Array Be	151.20	320	Op		

ATH 13 17:06:10.1, 38:32N.26:44E, h32km, 1km, ML2.6/4, Error
 ellipse: s-maj=2.9km s-min=1.0km az=239.0
 ISCBJ 13 17:06:10.9, 0.4, 38:33N.0.02:26:46E.0.03, h10km, 3km,
 Error ellipse: s-maj=4.7km s-min=3.0km az=152.3
 ISK 13 17:06:10.1, 38:34N.26:51E, h6km, MD3.2, ML3.0
 DDA 13 17:06:11.0, 38:34N.26:52E, h7km, MD2.7
 THE 13 17:06:11.0, 38:34N.26:45E, h18km, 4km, ML2.6/4, Error
 ellipse: s-maj=3.9km s-min=0.8km az=247.0
 CSEM 13 17:06:11.0, 0.2, 38:32N.26:44E, h12km, MD3.2, Error
 ellipse: s-maj=5.0km s-min=3.3km az=70.0
 ISC 13 17:06:10.8, 0.3, 38:33N.0.02:26:45E.0.02, h17km, 5km,
 n66, c062/100, Aegean Sea

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
CESE	e me	0.12	269	Op	17 06 14.7	+0.1
CESE				P	17 06 17.6	+0.7
CESE	e me	0.12	269	Op	17 06 14.7	+0.1
CESE				P	17 06 17.6	+0.7
URLA	Izmir	0.12	77	Op	17 06 13.9	-0.7
URLA				P	17 06 13.9	-0.7
KRBN	Karaburun	0.27	18	Op	17 06 16.4	-0.4
KRBN				P	17 06 16.4	-0.4
CHOS	Chios island	0.31	280	Op	17 06 18.2	+0.2
CHOS				P	17 06 18.8	+0.8
CHOS				S	17 06 22.7	-0.2
CHOS				AML	17 06 27.8	
CHOS	comp=E, 1262um, 0.2s			AML	17 06 28.1	
CHOS	comp=N, 1028um, 0.3s			AML	17 06 18.4	+0.4
CHOS	Chios island	0.31	280	Op	17 06 23.3	+0.4
CHOS				S	17 06 18.4	+0.4
CHOS	Chios island	0.31	280	Op	17 06 23.3	+0.4

FOCM Fo'Sa 0.44 30 PG Pg 17 06 19.1 -0.6
 FOCM Fo'Sa 0.44 30 SG Sg 17 06 25.4 -0.3
 FOCM Fo'Sa 0.44 30 EG Eg 17 06 19.1 -0.6
 FOCM Fo'Sa 0.44 30 PG Pg 17 06 25.4 -0.3
 CAND Candarli 0.68 24 ePg Sg 17 06 24.2 0.0
 SMG Samos 0.69 154 P P 17 06 34.4 +0.6
 SMG comp=E, 304um, 0.3s AML AML 17 06 36.0
 SMG comp=N, 1826um, 0.3s AML AML 17 06 37.0
 SMG Samos 0.69 154 P P 17 06 23.9 -0.5
 SMG Samos 0.69 154 S S 17 06 34.4 +0.6
 SMG Samos 0.69 154 P P 17 06 23.9 -0.5
 SMG G?zelcaml? 0.89 135 P P 17 06 35.2 +1.4
 GCAM G?zelcaml? 0.89 135 ePg Sg 17 06 27.2 -0.5
 GCAM G?zelcaml? 0.89 135 P P 17 06 27.6 -0.5
 GCAM G?zelcaml? 0.89 135 S S 17 06 35.2 +1.4
 GCAM G?zelcaml? 0.89 135 ePg Sg 17 06 27.2 -0.5
 PRK Paraskevi 0.92 351 P P 17 06 28.1 -0.6
 PRK Paraskevi 0.92 351 S S 17 06 40.7 -0.2
 PRK Paraskevi 0.92 351 P P 17 06 28.1 -0.6
 PRK Paraskevi 0.92 351 S S 17 06 40.7 -0.2
 PRK comp=E, 1282um, 0.3s AML AML 17 06 46.8
 PRK comp=N, 557um, 0.0s AML AML 17 06 28.1 -0.6
 PRK Paraskevi 0.92 351 P P 17 06 28.1 -0.6
 PRK Paraskevi 0.92 351 S S 17 06 40.7 -0.2
 PRK Paraskevi 0.92 351 P P 17 06 28.1 -0.6
 PRK Paraskevi 0.92 351 S S 17 06 40.7 -0.2
 SIGR Sigr 0.99 332 P P 17 06 42.8 -0.2
 SIGR Sigr 0.99 332 S S 17 06 43.3
 SIGR comp=N, 587um, 0.5s AML AML 17 06 30.0 +0.4
 SIGR comp=E, 602um, 0.4s AML AML 17 06 30.0 +0.4
 SIGR Sigr 0.99 332 P P 17 06 42.8 -0.2
 SIGR Sigr 0.99 332 S S 17 06 43.3
 SIGR Sigr 0.99 332 P P 17 06 42.8 -0.2
 SIGR Sigr 0.99 332 S S 17 06 43.3
 SIGR Sigr 0.99 332 P P 17 06 42.8 -0.2
 SIGR Sigr 0.99 332 S S 17 06 43.3
 CUND Cunda Adasi-Ba 1.02 10 ePg Pn 17 06 31.1 +0.8
 CUND Cunda Adasi-Ba 1.02 10 ePg Pn 17 06 33.9 -0.6
 AYDN AYDN 1.31 120 P P 17 06 52.9 -1.0
 AYDN AYDN 1.31 120 S S 17 06 52.9 -1.0
 BAYC CANAKKALE_Bayr 1.41 3 P P 17 06 52.9 -1.0
 BAYC CANAKKALE_Bayr 1.41 3 P P 17 06 52.9 -1.0
 BAYC CANAKKALE_Bayr 1.41 3 P P 17 06 52.9 -1.0
 BAYC CANAKKALE_Bayr 1.41 3 P P 17 06 52.9 -1.0
 STEP BALKESIR_Sava 1.44 43 P P 17 06 37.1 +1.0
 STEP BALKESIR_Sava 1.44 43 P P 17 06 37.1 +1.0
 STEP BALKESIR_Sava 1.44 43 P P 17 06 37.1 +1.0
 STEP Bodrum 1.44 151 ePn Pn 17 06 37.5 +0.3
 BODT Bodrum 1.44 151 P P 17 06 36.0 -0.2
 BODT Bodrum 1.44 151 ePn Pn 17 06 37.5 +0.3
 BODT Bodrum 1.44 151 P P 17 06 36.0 -0.2
 APE Apeiranthos 1.46 210 P P 17 06 35.4 -1.0
 APE Apeiranthos 1.46 210 P P 17 06 35.4 -1.0
 BDRM Kayabasi 1.49 148 P P 17 06 39.4 -0.1
 BDRM Kayabasi 1.49 148 P P 17 06 39.4 -0.1
 EZN Ezine 1.49 356 eSg Pn 17 06 59.0 0.0
 EZN Ezine 1.49 356 eSg Pn 17 06 59.0 0.0
 BOZC Bozcaada 1.54 349 ePn Pn 17 06 59.3 +0.4
 BOZC Bozcaada 1.54 349 ePn Pn 17 06 59.3 +0.4
 BOZC Bozcaada 1.54 349 eSg Pn 17 06 59.5 +1.4
 BOZC Bozcaada 1.54 349 eSg Pn 17 06 59.5 +1.4
 BOZC Bozcaada 1.54 349 ePn Pn 17 06 59.3 +0.4
 BOZC Bozcaada 1.54 349 ePn Pn 17 06 59.3 +0.4
 BALLY Balya 1.68 33 P P 17 06 41.4 +0.2
 BALLY Balya 1.68 33 P P 17 06 41.4 +0.2
 BALLY Balya 1.68 33 P P 17 06 41.4 +0.2
 BALLY Balya 1.68 33 P P 17 06 41.4 +0.2
 BALB Balikesir 1.72 40 ePn Pn 17 06 41.8 -0.1
 KULA Kula-Manisa 1.75 83 ePn Pn 17 06 42.1 -0.4
 KULA Kula-Manisa 1.75 83 ePn Pn 17 06 42.1 -0.4
 LIA Limnos Island 1.85 328 P P 17 06 42.4 +0.7
 LIA Limnos Island 1.85 328 P P 17 06 42.4 +0.7
 SERI Serifos 1.95 234 P P 17 06 43.7 +0.5
 SERI Serifos 1.95 234 P P 17 06 43.7 +0.5
 KRBC Karabiga-Canak 2.16 17 ePn Pn 17 06 48.3 -1.2
 SMTH Samothraki Isl 2.25 342 P P 17 06 47.0 -0.3
 SMTH Samothraki Isl 2.25 342 P P 17 06 47.0 -0.3
 KHAL Karahalli 2.38 88 P P 17 06 24.8 +2.0
 KHAL Karahalli 2.38 88 P P 17 06 24.8 +2.0
 ALX Alexandroupoli 2.59 353 P P 17 06 51.5 -0.3
 ALX Alexandroupoli 2.59 353 P P 17 06 51.5 -0.3
 RDO Rodhopi 2.90 346 P P 17 06 56.6 +0.5
 RDO Rodhopi 2.90 346 P P 17 06 56.6 +0.5

ISC 13 17:33:57.5, 1.9, 6.44S, 128:81E, h0km, mb3.9/1,
 mb1 3.6/3, mb1mx3.3/33, mbtmp3.4/3, ML3.4/2, Error
 ellipse: s-maj=109.2km s-min=30.0km az=67.0, Banda
 Sea

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	14.46	159	Op	17 37 22.9	-0.8
WRA				Pn	17 39 50.4	-1.4
ASAR	Alice Springs	17.82	165	Op	17 38 07.6	-0.3
ASAR				Pn	17 41 13.4	-1.3

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like SNZO, THZ, KAHUTARA, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like WRRB, WR1, WRA, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like WDC, WHN, WUH, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
NACB	baz=249			S	Sn	19 13 53.5	-0.9
TWD	Chiawan	1.01	245	P	Pn	19 13 39.8	-0.8
TWD	baz=244			S	Sn	19 13 54.2	-0.9
IRIF	Iriomote-Funau	1.04	99	P	Pn	19 13 40.9	-0.2
ENLB	Shoufeng	1.09	237	P	Pn	19 13 41.5	-0.1
ENLB	baz=235			eS	Sn	19 13 56.2	-0.6
NNSB	Datong	1.11	266	eP	Pn	19 13 41.9	-0.1
NNSB	baz=266			eS	Sn	19 13 56.8	-0.7
NNSH	Datong	1.11	266	eP	Pn	19 13 42.0	0.0
NNSH	baz=266			S	Sn	19 13 56.9	-0.6
YM07	YM07	1.11	307	P	Pn	19 13 41.8	-0.1
YM07	baz=308			S	Sn	19 13 56.9	-0.5
NNS	Nan Shan	1.12	267	eP	Pn	19 13 42.2	+0.1
NNS	baz=266			S	Sn	19 13 57.1	-0.6
YHNB	Yeheng	1.12	279	eP	Pn	19 13 42.5	+0.4
YHNB	baz=279			eS	Sn	19 13 57.7	0.0
NSK	Sanguang	1.14	279	eP	Pn	19 13 42.7	+0.3
NSK	baz=279			eS	Sn	19 13 57.8	-0.3
YM10	YM10	1.15	305	P	Pn	19 13 42.2	-0.2
YM10	baz=306			eS	Sn	19 13 57.7	-0.4
YM04	YM04	1.16	304	eP	Pn	19 13 42.5	-0.1
YM04	baz=305			eS	Sn	19 13 57.7	-0.8
TWY	Chenhua	1.19	311	P	Pn	19 13 43.2	+0.3
TWY	baz=312			eS	Sn	19 13 59.5	+0.5
TWS1	Kuangyinsan	1.23	299	P	Pn	19 13 43.2	-0.1
TWS1	baz=300			S	Sn	19 13 59.6	-0.2
ESL	Shiin	1.27	237	eP	Pn	19 13 43.2	-0.6
ESL	baz=236			S	Sn	19 13 59.9	-0.8
WHF	Hehuan Shan	1.27	254	eP	Pn	19 13 44.0	-0.2
WHF	baz=253			eS	Sn	19 14 00.8	-0.7
JKRS	Kuro-shima	1.31	101	P	Pn	19 13 44.6	+0.2
JKRS	baz=101			eS	Sn	19 14 01.7	0.0
TDCB	Techi	1.34	260	eP	Pn	19 13 45.2	+0.4
TDCB	baz=259			eS	Sn	19 14 02.5	0.0
CHGB	Renai	1.37	252	eP	Pn	19 13 45.7	+0.3
CHGB	baz=250			eS	Sn	19 14 02.5	-1.0
JJJ	Ishigaki jima	1.42	95	P	Pn	19 13 45.4	-0.3
JJJ	baz=95			S	Sn	19 14 03.3	-0.7
LIOB	Emei	1.45	276	eP	Pn	19 13 47.0	+0.9
LIOB	baz=276			S	Sn	19 14 04.5	-0.3
NSTT	Nanjuang	1.46	275	P	Pn	19 13 46.6	+0.4
NSTT	baz=275			eS	Sn	19 14 05.0	-0.1
HGSD	Ruisui	1.47	227	eP	Pn	19 13 45.7	-0.7
HGSD	baz=225			eS	Sn	19 14 04.1	-1.2
EHY	Hungye	1.53	230	eP	Pn	19 13 46.6	-0.6
EHY	baz=228			eS	Sn	19 14 05.4	-1.3
JISG	Ishigakijimahi	1.56	87	P	Pn	19 13 47.2	-0.3
JISG	baz=87			eS	Sn	19 14 07.3	-0.1
DPDB	Guoxing	1.60	253	P	Pn	19 13 48.7	+0.6
DPDB	baz=252			eS	Sn	19 14 08.4	-0.1
YULB	Yu-i	1.62	227	eP	Pn	19 13 47.8	-0.6
YULB	baz=226			eS	Sn	19 14 07.5	-1.4
TWF1	Yuli	1.65	226	P	Pn	19 13 48.1	-0.7
TWF1	baz=225			eS	Sn	19 14 08.1	-1.5
SSLB	Suangleung	1.66	245	eP	Pn	19 13 49.3	+0.4
SSLB	baz=244			S	Sn	19 14 09.5	-0.3
SMLT	Sun Moon Lake	1.67	249	eP	Pn	19 13 50.0	+0.9
SMLT	baz=247			eS	Sn	19 14 10.6	+0.5
TYC	Yuchr	1.70	250	eP	Pn	19 13 50.4	+1.1
TYC	baz=249			eS	Sn	19 14 11.2	+0.6
FULB	Fuli	1.76	223	P	Pn	19 13 49.6	-0.6
FULB	baz=221			eS	Sn	19 14 11.9	-0.3
WJS	Zhushan	1.84	249	eP	Pn	19 13 52.1	+1.0
WJS	baz=248			eS	Sn	19 14 15.1	+1.2
WNT	Mingtan	1.85	251	eP	Pn	19 13 52.1	+0.7
WNT	baz=250			eS	Sn	19 13 52.3	+0.1
EDTW	Lidau	1.95	228	eP	Pn	19 13 52.3	-0.5
EDTW	baz=227			eS	Sn	19 13 53.9	+0.9
CHNS	Tsauling	1.97	243	eP	Pn	19 13 53.9	+0.8
CHNS	baz=242			eS	Sn	19 14 18.0	+0.9
RLNB	Erin	2.13	254	P	Pn	19 13 55.4	+0.4
RLNB	baz=253			S	Sn	19 14 20.4	-0.4
STYT	Tauyuan	2.15	232	P	Pn	19 13 56.3	+0.9
STYT	baz=230			eS	Sn	19 14 21.7	+0.3
TPUB	Ta-pu	2.16	237	eP	Pn	19 13 56.5	+0.9
TPUB	baz=235			eS	Sn	19 13 56.6	+1.1
CHN4	Tsashan	2.16	238	eP	Pn	19 13 56.6	+1.1
CHN4	baz=237			eS	Sn	19 14 23.7	+2.1
WTP	Ta-pu	2.21	236	eP	Pn	19 13 57.1	+1.0
WTP	baz=234			eS	Sn	19 13 58.6	+1.2
CHN1	Nanshi	2.31	236	eP	Pn	19 13 58.6	+1.2
CHN1	baz=234			eS	Sn	19 14 25.4	+0.4
SGST	Jiashian	2.33	233	eP	Pn	19 13 58.8	+1.2
SGST	baz=231			P	Pn	19 14 02.2	+0.7
EASB	Mashbuluo	2.61	224	P	Pn	19 14 02.6	+0.5
EASB	baz=223			eP	Pn	19 14 02.6	+0.5
VWUC	VWUC	2.90	280	eP	Pn	19 14 04.4	-1.0
VWUC	baz=279						

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
CMAR	Chiang Mai Arr	18.83	19	P	Op	19 38 59.1	+0.1
MKAR	Makanoi Array	46.97	30	P	P	19 43 10.0	-0.2
SONM	Songino Array	48.59	12	P	P	19 43 22.1	-0.7
KURBB	Kurchatov Arra	51.35	348	P	P	19 44 43.5	-0.1
ZALV	Zalesovo Beam	53.64	354	P	P	19 49 00.9	+0.4
NEIC	13 19:46:04.8, 0.0, 51.08N x 130:72W, h10km, mb4.7/115, MW5.2(OTT), After OTT.						
BUI	12 19:46:04.7, 51.30N x 130:40W, h13km, mb4.7/23, m85.2/16, Ms5.2/6, Ms7.6/0/6						
GCMT	13 19:46:04.8, 0.3, 51.06N x 130:77W, h19km, 1km, MW5.0/108, Moment Tensor Solution. s36,c46; s108,c154; Duration: 0 Moment tensor. Scale 10 ¹⁶ Nm; Mn=0.21±.13; Mpp=1.46±.12; Mpp=1.66±.12; Mo=1.17±.24; Mss=3.58±.25; Msr=0.82±.25; Best double couple; Mc3.988000×10 ¹⁶ NP2.0±259.00000° 879.00000°, 1.4.00000°, 7.169.00000°. Principal axes: T 4.1450, P1g10.0000°, Azm123.0000°; N -0.3200, P1g79.0000°, Azm329.0000°; P -3.8310, P1g5.0000°, Azm214.0000°; nsta1 refers to body waves, cut-off=40s, nsta2 refers to surface waves, cut-off=60s						
PGC	13 19:46:04.8, 5.5, 51.08N x 130:72W, h10km, ML5.6/24, Mw5.2 216km Wsw of Bella Bella, Bc Haida Gwaii Region						
IDC	13 19:46:05.9, 0.6, 51.16N x 130:50W, h0km, mb4.2/22, mb1 4.3/28, mb1mx4.2/53, mbtmp4.2/28, ML3.9/6, MS4.4/24, Ms1 4.4/24, ms1mx4.2/51, Error ellipse: s-maj=16.3km s-min=9.5km az=29.0						
ISCJCB	13 19:46:06.6, 0.1, 51.27N x 130:30W, 0.03, h12km, mb4.6/74, MS4.3/21, Error ellipse: s-maj=3.4km s-min=1.5km az=142.8						
MOS	13 19:46:09.2, 1.0, 51.22N x 130:35W, h32km, mb4.8/29, MS4.2/10, Error ellipse: s-maj=13.4km s-min=4.7km az=115.2						
ISC	13 19:46:07.0, 4.51, 20N x 130:38W, 0.05, h12km, m625, s1553/590, mb4.7/74, MS4.2/21, 2C-10D, Queen Charlotte Islands region						
HOLB	Holberg	1.53	110	Pn	Pn	19 46 32.6	-2.3
SNB	Berry Inlet	1.62	329	Pn	Pn	19 46 31.1	-1.2
BNN	Berry Inlet	1.62	329	ePn	Pn	19 46 31.8	-4.4
BNN	baz=162			eSn	Sn	19 46 53.8	-3.3
BBB	Bella Bella	1.72	54	Pn	Pn	19 46 36.1	-1.4
BBB	36nm, 0.3s, baz=56, slow=7.5, SNR=317			Lg	Lg	19 47 09.3	
BBB	453nm, 0.3s, baz=234, slow=8.7, SNR=293			LR	LR	19 47 27.4	
BBB	comp=Z, 5um, 19.9s, baz=64, slow=45						
BBB	Bella Bella	1.72	54	Pn	Pn	19 46 36.1	-1.4
BBB	Bella Bella	1.72	54	ePn	Pn	19 46 35.9	-1.6
BBB	Bella Bella	1.72	54	eSn	Sn	19 46 59.1	-0.3
PHC	Port Hardy	1.93	104	Pn	Pn	19 46 38.0	-2.3
PHC	Port Hardy	1.93	104	Sn	Sn	19 47 03.2	-1.3
BPBC	Brooks Peninsula	1.96	121	Pn	Pn	19 46 37.8	-3.0
MAVB	Maynard	2.18	110	Pn	Pn	19 46 41.9	-2.1
TLCB	Telegraph Cove	2.34	129	Pn	Pn	19 47 14.1	-1.8
DIB	Dawson Inlet	2.39	328	Pn	Pn	19 46 42.3	-4.3
DIB	Dawson Inlet	2.39	328	ePn	Pn	19 46 41.9	-4.8
H02S1	DAWSON INLET T	2.39	328	T	T	19 47 18.1	
EDB	Dome	2.46	121	Pn	Pn	19 46 45.0	-2.7
WOSB	Woss	2.63	112	Pn	Pn	19 46 48.4	-1.8
NCRB	Newcastle Ridg	2.85	104	Pn	Pn	19 46 51.5	-1.7
GDR	Gold River	3.12	115	Pn	Pn	19 46 54.5	-2.1
NDB	Naden	3.18	332	Pn	Pn	19 46 53.4	-4.2
SPLB	Strathcona Par	3.25	115	Pn	Pn	19 46 57.1	-1.4
CBF	Campbell River	3.40	108	Pn	Pn	19 46 59.3	-1.3
NC89	ODP89	3.40	137	Pn	Pn	19 46 58.2	-2.3
NC89	ODP89	3.40	137	Sn	Sn	19 47 37.4	-3.2
TOFB	Tofino	3.53	124	Pn	Pn	19 47 00.3	-2.0
BTB	Buttle Lake	3.56	117	Pn	Pn	19 47 01.1	-1.8
NC27	Mount Ozzard	3.84	129	Pn	Pn	19 47 04.1	-3.5
OZB	Mount Ozzard	3.86	124	Pn	Pn	19 47 04.8	-2.1
TXB	Texada	4.08	109	Pn	Pn	19 47 08.8	-1.2
B928	Bamfield	4.13	123	Pn	Pn	19 47 07.6	-2.9
MGB	Mount Grey	4.27	119	Pn	Pn	19 47 10.4	-2.3
GHNH	Nanosee	4.37	113	Pn	Pn	19 47 13.3	-0.6
SHB	Sechart	4.46	109	Pn	Pn	19 47 14.1	-1.1
NLLB	Nanaimo Lost L	4.55	113	Pn	Pn	19 47 15.6	-0.8
CRAIG	Craig	4.59	340	P	P	19 47 14.2	-2.6
CRAIG	Craig	4.59	340	S	Sn	19 48 07.2	-2.7
OCQ	Olym-Cheeka Pk	4.72	126	Pn	Pn	19 47 16.9	-1.9
W5LR	Whistler	4.86	102	Pn	Pn	19 47	

13d 19h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like RLMT, RLMT, NV01, NVAR, NVAR, SNOW, REDW, NV11, SPU, AHID, RND, RND, RND, MDPB, SAO, SAO, SAO, BGU, SPUT, HDA, MCK, MCK, MCK, HWUT, IL1, ILAR, ILAR, ILAR, ILAR, ILAR, DUG, DUG, DUG, DUG, COLA, PMPB, BW06, BW06, PD31, PDAR, PDAR, PDAR, KTH, TCUT, R11A, R11A, PPLA, TIN, MDM, CAST, CAST, JLU, BPWA, RCTC, GRAC, NLU, SVW2, PAGB, DAU, DAU, FYU, CWC, MPU, INK, INK, INK, INK, INK, FFC, FFC, MLY, TPNV, TPNV, SMC, SMC, FURC, ISA, ISA, ISA, ISA, MPM, TMUT, PKM, MSU, MSU, P17A, ARVC.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BCC, LRMC, P18A, CCUT, Q16A, SHPR, KUKN, SZCU, K22A, K22A, SHOC, MTPU, SRU, SRU, SBC, EDW2, LCMT, PKCU, COLD, COLD, TUQ, SCZ2, O20A, O20A, BLG, RRR, IM3, IMAR, RSSD, RSSD, RSSD, MWC, PASC, HEC, BFSC, LDFO, GMRC, PV09, SNCO, U15A, PV10, N23A, N23A, PHWY, CIS, PV05, NEE2, W13A, MURC, BELC, SC12, PV01, MDND, MDND, PFO, PFO, XPFO, SMC, IRM, PDMCI, BC3, ISCO, ISCO, ISCO, WUAZ, WUAZ, MVCO, Y12C, Y12C, MONP, BAR, SW3C, B31A, IKP, C31A, Y14A, S22A, S22A, GLA, GLA, GLA, Q24A, Q24A.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like D31A, X16A, ULM, ULM, ULM, ULM, W18A, W18A, B32A, SUSD, OGNE, OGNE, 113A, G31A, SDCO, SDCO, X18A, H31A, AGMN, AGMN, AG33A, I31A, B33A, G32A, C33A, J31A, KSCO, KSCO, H32A, E33A, B34A, F33A, K31A, T25A, 214A, C34A, G33A, H33A, K32A, I33A, B35A, ANMO, ANMO, ANMO, ANMO, F34A, TUC, TUC, TUC, G34A, LAZ, J33A, ECSD, ECSD, H34A, D35A, LPM, SOLO, I34A, BNM, L33A, D36A, G35A, H34A, H35A, E36A, CBKS, PKLO, F36A, I35A, ATKO, L34A, G36A, D37A, 121A, GAMB, 319A, EYMN, EYMN, K35A.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 033A Hebron, F37A Hinrichs Farm, C38A Sawbuck Land, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ABKAR Akbulak array, GTA Gaotai, WUQJ Urumqi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LOR, LOR, LOR, LOR, LFF, LFF, HAU.

MAN 13 20:20:40, 13:25N-120:22E, h10km, mb4.4, ML3.3, MS3.2, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LUBP, LUBP, PGP, PGP, TGY, TGY, SJMP, SJMP, BOAC, BOAC, OTRP, OTRP, GQP, GQP.

NEIC 13 20:25:24.0, 0.32, 88S, 178.48W, h10km, mb5.1/65, Error ellipse: s-maj=7.9km s-min=4.3km az=130.0

WEL 13 20:25:24.0, 0.33, 5.6, 17.8W, h10km, mb5.1/91.3, BUI 13 20:25:26.0, 0.33, 0.1S: 178.49W, h24km, mb5.0/16, mb5.7/6, Ms5.2/8, Ms7.4/8

MOS 13 20:25:27.9, 1.1, 32.64S: 178.55W, h33km, mb5.4/20, Error ellipse: s-maj=12.5km s-min=11.7km az=175.3

ISCJB 13 20:25:27.4, 0.1, 32.78S: 0.02-178.62W: 0.04, h33km, s-min=12.4km az=31.6

IDC 13 20:25:29.5, 1.5, 33.59S: 178.66W, h35km, 10km, mb4.5/14, mb1.4/6.15, mb1mx4.5/26, mbtmp4.7/15, ML5.0/1, MS4.5/14, Mb1.4/5.14, ms1mx4.3/31, Error ellipse: s-maj=18.0km s-min=12.4km az=178.0

ISC 13 20:25:28.0, 0.3, 32.77S: 0.04-178.35W: 0.06, h33km, n372, r190/385, mb5.1/83, MS4.6/16, 11C-7D, South of Kermadec Islands

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

KRNET 13:20:43:02.0.1, 40.789N-79.00E, mb2.5

SOME 13:20:43:02.6, 41.07N-78.68E, h20km

ISC 13:20:43:00.0.2.6, 41.0N.01.1.78.85E.0.08, h2km, 17km, n15,

c#132/30, 13C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SATY, UZB, NRN, SHLS, ULHL, PDGM, etc.

MEX 13:21:02:03.0.4.0.7, 13.73N-92.48W, h16km, 67km, MD3.9,

Off coast of Chiapas

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

IDC 13:21:07:32.8.28.0.2, 21.42S, 173.19W, h0km, mb4.1/4,

mb1.4/3.4, mb1mx3.8/23, mbtmp4.1/4, Error ellipse:

s-maj=516.8km s-min=162.1km az=75.0

NEIC 13:21:07:34.0.1.2, 21.67S, 173.11W, h10km, mb4.3/6, Error

ellipse: s-maj=26.6km s-min=14.7km az=108.0

ISCJCB 13:21:07:36.1.7.2, 21.6S, 0.2:173.3W, 0.3, h33km, mb4.4/9,

Error ellipse: s-maj=39.4km s-min=20.9km az=18.8

ISC 13:21:07:38.2.1.9, 21.6S, 0.2:173.2W, 0.3, h35km, n11,

c#611/11, mb4.4/9, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FUNA, CTA, CTAO, STKA, ASAR, WRAB, WRA, NWAO, COCO, COLA, ENH, etc.

MEX 13:21:12:59.0.8, 17.86N-102.03W, h16km, 9km, MD3.6,

Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZIG, MMIG, ARIG, CAIG, MEIG, PLIG, etc.

IDC 13:21:25:05.2.3.9, 36.00N-70.98E, h87km, 28km, mb3.6/12,

mb1.3/7.17, mb1mx3.5/50, mbtmp4.0/17, MS3.6/1,

Ms1.3/6.1, ms1mx2.6/45, Error ellipse: s-maj=38.5km

s-min=16.2km az=161.0

BUI 13:21:25:07.7, 36.40N-70.79E, h123km, mb4.4/23, MB4.9/13

ISCJCB 13:21:25:08.0.0.2, 36.26N, 0.0:70.97E, 0.03, h150km,

mb4.3/38, Error ellipse: s-maj=4.1km s-min=3.1km

az=158.7

NEIC 13:21:25:09.0.2.7, 36.36N-70.74E, h130km, 7km, mb4.5/25,

Error ellipse: s-maj=6.7km s-min=5.6km az=152.0

NNC 13:21:25:11.0.5.8, 36.91N-70.9E, h0km, mb4.8, mpv4.4,

Error ellipse: s-maj=48.9km s-min=39.8km az=143.0

ISC 13:21:25:10.3.0.4, 36.31N, 0.0:70.82E, 0.04, h150km, n106,

c#271/11, mb4.3/38, 5C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBL, CEP, CHCP, THW, SFK, etc.

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

Main table with columns: KSH, comp=N, smax, smax, HHC, HHC, HHC, HHC, AKBB, KIEV, KARP, BUR04, BUR08, VTS, FINES, PSZ, OJC, NJ2, NJ2, ARCES, PSI, CUC, RGN, NC303, NB201, NOA, KS15, TUE, UCC, COCO, DSB, DAV, TORO, TOAD, FYU, INK, OHAK, YKA, etc.

Table with columns: HHC, HHC, HHC, HHC, AKBB, KIEV, KARP, BUR04, BUR08, VTS, FINES, PSZ, OJC, NJ2, NJ2, ARCES, PSI, CUC, RGN, NC303, NB201, NOA, KS15, TUE, UCC, COCO, DSB, DAV, TORO, TOAD, FYU, INK, OHAK, YKA, etc.

DDA 13:21:27:29.1, 38.82N-43.15E, h6km, M12.3

CSEM 13:21:27:31.4, 0.4, 38.70N-43.53E, h5km, MD2.6, Error

ellipse: s-maj=14.3km s-min=6.6km az=111.0

ISC 13:21:27:31.0, 38.73N-43.53E, h5km, MD2.6

ISC 13:21:27:31.0, 38.74N, 0.0:43.52E, 0.05, h13km, 8km,

n16, c#1956/32, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VANB, VANB, VANB, VANB, TVAN, TVAN, VMUR, VMUR, VMUR, CLDR, CLDR, CLDR, CLDR, CLDR, GEVA, GEVA, GEVA, AGRB, AGRB, AGRB, HAKT, HAKT, HAKT, HAKT, etc.

ISCJCB 13:21:29:28.2, 0.7, 14.20S, 0.0:167.2E, 0.1, h250km,

mb4.0/11, Error ellipse: s-maj=19.9km s-min=9.4km

NEIC 13:21:29:28.9, 2.2, 14.23S, 167.25E, h244km, 22km, mb4.0/1,

Error ellipse: s-maj=20.1km s-min=15.7km az=162.0

IDC 13:21:29:28.6, 3.1, 14.23S, 167.19E, h236km, 29km,

mb3.8/11, mb1.3/9.12, mb1mx3.7/32, mbtmp4.3/12, Error

ellipse: s-maj=21.8km s-min=19.1km az=122.0

ISC 13:21:29:29.5, 0.7, 14.27S, 0.0:167.2E, 0.2, h250km, n17,

c#974/22, mb4.1/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, CTA, STKA, WRA, WRA, ASAR, ASAR, Vnda, PETK, CMAR, SONM, ILAR, ANMO, MKAR, ZALV, FINES, KEST, ESDC, ESDC, TORO, TORO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like Unac-Piva, Castel del Mon, Gruza, Ston, etc.

ISCJB 13 21:54:12.6:0.6, 7.679N:0.05:73.17W:0.06, h145km, 6km, mb1.7/1, Error ellipse: s-maj=9.5km s-min=7.1km az=20.9

RSNC 13 21:54:13.3:1.1, 6.787N:73.13W, h143km, 6km, ML3.4, IDC 13 21:54:15.8:6.2, 6.74N:75.16W, h153km, 9.8km, mb3.3/1, mb1.3/6.2, mb1mx3.0/28, mbtmp3.9/2, Error ellipse: s-maj=33.4km s-min=33.5km az=85.0

ISC 13 21:54:12.6:1.0, 6.800N:0.05:73.13W:0.06, h145km, 7km, n25, <0.984/36, 2C, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like BARC Barichara, GIRON Santand, BARRC Barranca, Sant, etc.

PAMC Pamplona, Colo 0.69 39 i P Pn 21 54 35.5 +0.4 PAMC Pamplona, Colo 0.69 39 i P Pn 21 54 52.3 +0.1 RUSC La Rusia 0.90 177 i P Pn 21 54 36.5 -0.1

RUSC comp=-Z, 179nm, 0.3s eS S 21 54 54.8 -0.1 PTBC PUERTO BERRIO, 1.34 259 eP S 21 54 39.3 -0.8

OCAC Ocaana 1.45 353 eP Pn 21 54 41.3 -0.1 OCAC comp=-Z, 406nm, 0.3s i P Pn 21 54 43.3 +0.3

YOPC Yopal, Colombi 1.60 154 i P Pn 21 54 43.3 +0.3 ZARC Zaragoza, Cauc 1.84 292 eP Pn 21 54 45.3 -0.3

NORC Norcasia 2.12 235 eP S 21 54 49.2 +0.4 NORC comp=-Z, 177nm, 0.2s i P Pn 21 55 16.8 -0.1

CHIC Chingaza 2.23 195 eP S 21 54 50.6 0.0 CHIC comp=-Z, 108nm, 0.3s i P Pn 21 54 52.6 +1.5

ROSC El Rosal 2.27 211 P Pn 21 54 52.6 +1.5 ROSC comp=-Z, 22nm, 0.3s, baz=90, slow=0.7, SNR=69

ROSC El Rosal 2.27 211 eP Pn 21 54 52.5 +1.4 ROSC comp=-Z, 26nm, 0.3s, baz=90, slow=18, SNR=8.2

HELX Santa Helena 2.45 256 eP Pn 21 54 53.0 -0.3 HELX comp=-Z, 119nm, 0.4s i P Pn 21 54 56.1 -0.3

VILC Villavicencio, 2.72 192 eP Pn 21 55 36.0 -0.3 RREF El Recreo 2.90 230 eP Pn 21 55 41.1 +0.2

DBBC Dabeiba 3.06 274 eP Pn 21 55 01.6 +0.1 DBBC Tolima 3.09 225 eP Pn 21 55 01.9 +0.7

PRAC Prado 3.52 210 eP Pn 21 55 05.9 -0.6 PRAC San Juan de Ar 3.59 193 eP S 21 55 06.5 -1.0

PLMC San Jos' del 3.65 239 eP Pn 21 55 08.6 +0.3 PLMC Yellowknife Ar 4.79 227 eP S 21 55 23.7 +0.3

HORQ Yellowknife Ar 63.28 340 P P 22 04 23.6 -1.9 ASAR Alice Springs 149.09 234 PKPbc PKPdf 22 13 41.8 +1.4

WRA Warramunga Arr 150.31 241 PKPbc PKPdf 22 13 44.9 +2.5

IDC 13 21:56:51.4:1.6, 6.5152N:95.94E, h0km, mb1.2/8/2, mb1mx2.7/48, mbtmp2.8/2, ML2.1/2, Error ellipse: s-maj=44.9km s-min=12.7km az=174.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like TLY Talaya, ZALV Zalesovo Beam, etc.

ZALV Zalesovo Beam 7.18 294 Pn 21 58 36.2 -1.2 ZALV 0.8nm, 0.3s, baz=124, slow=24, SNR=7.8

SOMM Songino Array 7.72 114 P P 21 59 10.5 +4.4 SOMM 0.2nm, 0.3s, baz=307, slow=12, SNR=12

MKAR Makanchi Array 10.11 247 Pn 21 59 18.4 +0.7 MKAR 0.6nm, 0.3s, baz=293, slow=27, SNR=13

MKAR Makanchi Array 10.11 247 Pn 21 59 18.4 +0.7 MKAR 0.1nm, 0.3s, baz=62, slow=18, SNR=5.6

DDA 13 22:00:07.8, 39.37N:33.09E, h15km, M12.5, ISCJB 13 22:00:08.0:8.0, 5.39:36N:0.02:33.09E:0.04, h5km, 4km, Error ellipse: s-maj=5.4km s-min=3.7km az=28.3

CSEM 13 22:00:08.0:7.0, 2.39:38N:33.07E, h10km, MD2.7, Error ellipse: s-maj=4.6km s-min=4.1km az=144.0

ISK 13 22:00:08.1, 39.38N:33.10E, h5km, MD2.7, ML1.8, ISC 13 22:00:08.4:0.8, 39.38N:0.02:33.10E:0.02, h11km, 5km, n28, <0.958/52, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like AFSR Af-ar-Bala, BBAL Bala, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like SERE Sereflikochisa, CDAG Cicekdag, etc.

AVNS Nevsehir-Avano 1.48 112 i P P 22 00 55.9 +1.6 AVNS Nevsehir-Avano 1.48 112 i P P 22 00 56.0 +0.1

COAL Corum-Alaca 1.70 58 i S P 22 01 09.2 -0.5 COAL Corum-Alaca 1.70 58 i S P 22 01 09.3 -0.3

YOZ Yozgat 1.74 81 ePn P 22 00 40.2 -0.2 YOZ Yozgat 1.74 81 ePn P 22 01 03.3 -1.0

IDC 13 22:10:37.1:4.7, 5.625N:147.75E, h217km, 4.5km, mb3.5/2, mb1.3/5.4, mb1mx3.0/27, mbtmp3.8/4, Error ellipse: s-maj=82.5km s-min=40.8km az=128.0, Eastern New Guinea region

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, etc.

ASAR Alice Springs 22.36 215 P 22 15 18.2 +0.9 FITZ Fitzroy Crossi 24.90 229 P P 22 15 40.6 +0.2

TORD Torod Ar. Bea 145.71 285 PKPbc PKPdf 22 29 49.9 -0.8

IDC 13 22:23:51.5:1.3, 5.2169N:167.11W, h0km, mb3.7/12, mb1.3/9/13, mb1mx3.7/59, mbtmp3.7/13, ML3.1/1, Error ellipse: s-maj=33.9km s-min=18.7km az=13.0

NEIC 13 22:23:54.3:0.0, 52.73N:166.68W, h7km, ML3.7(AEIC), After AEIC, ISCJB 13 22:23:55.5:1.3, 5.2166N:0.09:166.68W:0.07, h37km, 10km, mb3.7/13, Error ellipse: s-maj=15.8km s-min=6.5km az=173.7

ISC 13 22:23:55.4:1.4, 52.79N:0.08:166.74W:0.05, h18km, 5km, n37, <0.903/37, mb3.6/13, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like OKFG Magazine Ridge, OKTU Okmok Mt. Tuli, etc.

IGOD Makushin Gods 1.01 355 P Pn 22 24 14.8 -0.1 OKSO Okmok South 1.03 304 S S 22 24 31.2 +2.2

OKER Okmok East Rim 1.04 311 P P 22 24 15.0 -0.6 OKSP Okmok Steepie 1.05 297 P P 22 24 15.5 -0.3

UNV Unalaska Valle 1.07 7 P P 22 24 15.0 -0.3 MSW Makushin Switc 1.13 359 P P 22 24 16.0 -0.4

OKRE Okmok R deeer P 1.13 311 P S 22 24 16.5 -0.8 MTBL Makushin Table 1.19 2 P P 22 24 17.4 +0.1

AKRT Akutan Reef Bi 1.40 16 P Pn 22 24 20.5 +0.4 AKUB Akutan 1.47 23 P Pn 22 24 20.8 -0.2

AKUT Akutan Green G 1.48 17 P P 22 24 40.0 +0.4 WESP Westdahl Peak 2.09 34 P P 22 24 57.6 -0.7

ISLZ Isanotski Laza 2.65 42 P P 22 24 57.8 +0.6 FALS False Pass 2.86 42 ePn P 22 24 41.7 +1.7

KDKA Kodiak Island 9.49 53 Pn 22 26 10.6 -0.4 ILAR Eielson Array 15.72 32 Pn 22 27 36.8 +1.1

PETK Petropavlovsk- 21.30 285 P P 22 28 41.6 +0.8 INK Inuvik 22.12 33 P 22 28 49.8 +0.3

YKA Yellowknife Ar 28.75 50 P P 22 29 51.7 +0.3 YKA 0.1nm, 0.4s, baz=255, slow=12, SNR=9.5

NVAR Mina Array Bea 36.08 94 P P 22 30 57.7 +1.7 PDAR Pinedale Array 38.75 81 P P 22 31 19.4 +0.7

H1N2 WAKE ISLAND Hy 38.81 222 T T 23 12 54.8 H1N3 WAKE ISLAND Hy 38.82 222 T T 23 12 56.3

H1N1 WAKE ISLAND Hy 38.83 222 T T 23 12 57.2 H1S1 WAKE ISLAND Hy 39.99 221 T T 23 14 15.3

H1S2 WAKE ISLAND Hy 40.01 221 T T 23 14 28.7 H1S3 WAKE ISLAND Hy 40.01 221 T T 23 14 18.6

TXAR Lajitas Array 51.14 91 P P 22 32 57.5 +0.3 SOMM Songino Array 52.45 302 P P 22 33 05.5 -1.3

MKAR Makanchi Array 54.67 315 P P 22 34 29.6 -2.2 FINES Finnes Array B 65.66 353 P P 22 34 37.3 -0.6

HFS Hagfors 67.43 360 P P 22 34 49.0 -0.2 EKA Eskdalemuir Ar 71.39 10 P P 22 35 14.0 +0.2

AKAS Malin Array Be 76.01 350 P P 22 35 40.1 -0.8 BRTR Keskin Array B 86.18 344 P P 22 36 35.0 -0.4

ISCJB 13 22:27:34.6:0.4, 16.65N:0.07:93.89W:0.04, h150km, 4km, mb3.6/8, Error ellipse: s-maj=11.7km s-min=5.3km az=11.2

IDC 13 22:27:34.2:2.7, 16.89N:93.30W, h120km, 3.2km, mb3.4/8, mb1.3/7/9, mb1mx3.4/49, mbtmp3.8/9, Error ellipse: s-maj=62.3km s-min=15.7km az=59.0

NEIC 13 22:27:37.2:0.0, 16.68N:93.91W, h144km, MD4.7(MEX), After MEX, MEX 13 22:27:37.2:0.0, 16.68N:93.91W, h144km, 7km, MD4.7, ISC 13 22:27:36.0:0.7, 16.63N:0.07:93.89W:0.04, h144km, 6km, n26, <0.984/42, mb3.6/8, Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like TGIV Tuxtla Gutieri, TGIG Tuxtla Gutieri, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like PCIG Comitan, CCIG Comitan, HUIG Huatulco, etc.

PNIG Pinotepa 4.07 267 eP Pn 22 28 36.7 -0.3 PNIG Pinotepa 4.07 267 eP Pn 22 29 23.5 -1.0

TXAR Lajitas Array 15.51 326 P P 22 33 39.2 +3.5 NVAR Mina Array Bea 36.08 94 P P 22 33 07.7 +1.7

LPAZ La Paz 41.41 141 P P 22 35 08.9 -0.3 SIV San Ignacio 45.81 133 P P 22 35 42.3 -1.5

YKA Yellowknife Ar 48.07 347 P P 22 35 59.9 -0.7 INK Inuvik 57.42 344 P P 22 37 09.4 +0.3

RES Resolute Bay 58.07 360 P P 22 37 12.4 -1.1 ILAR Eielson Array 59.72 337 P P 22 37 24.5 -0.7

ARCES ARCES Array B 84.22 18 P P 22 39 50.5 -0.4 WRA Warramunga Arr 134.20 258 PKP PKPdf 22 46 38.7 +1.3

DDA 13 22:27:35.8, 39.27N:38.97E, h7km, MD2.7, ISCJB 13 22:27:36.0:0.5, 39.27N:0.03:38.98E:0.03, h5km, 5km, Error ellipse: s-maj=4.3km s-min=3.5km az=18.2

CSEM 13 22:27:36.3:0.2, 39.27N:38.97E, h10km, MD2.6, Error ellipse: s-maj=4.2km s-min=3.7km az=52.0

ISK 13 22:27:36.0, 39.26N:38.95E, h11km, MD2.6, ISC 13 22:27:36.2:0.0, 39.28N:0.02:38.97E:0.02, h13km, 8km, n30, <0.975/54, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like ILIC ilic-Erzincan, KEMA Kemalye, etc.

TNCL Tunceli-Merkez 0.48 110 i P S 22 27 44.8 -0.8 TNCL Tunceli-Merkez 0.48 110 i P S 22 27 45.2 +0.2

PTK Pertek 0.51 139 PG S 22 27 46.5 -0.6 PTK Pertek 0.51 139 PG S 22 27 53.9 -0.5

ERZC Erzincan 0.56 32 eP P 22 27 49.7 -0.2 ERZG Elazig 0.68 82 P P 22 27 51.0 -0.3

ELZG Elazig 0.78 179 i S P 22 28 02.2 0.0 ELZG Elazig 0.78 179 P S 22 27 51.0 -0.3

HEKM Malatya Hekimh 0.88 243 P P 22 27 54.0 +0.6 HEKM Malatya Hekimh 0.88 243 P P 22 27 54.0 +0.6

HEKM Kelkit 0.90 14 i P S 22 27 53.4 -0.1 KELT Kelkit 0.90 14 i S S 22 28 05.2 -0.1

SVRC Sivrice-ELAZID 0.94 164 eP P 22 27 53.9 -0.4 SVRC Sivrice-ELAZID 0.94 164 eP P 22 27 53.9 -0.4

MALT Malatya 1.05 204 eP S 22 28 10.8 -0.4 MALT Malatya 1.05 204 eP S 22 28 10.8 -0.4

SUSE Susehri 1.10 328 P P 22 27 56.9 -0.5 SUSE Susehri 1.10 328 P P 22 27 56.9 -0.5

CUZAR Zara_SIVAS 1.11 304 i P S 22 27 55.5 -2.0 CUZAR Zara_SIVAS 1.11 304 P S 22 28 12.8 +0.2

YEDI Yedisu-Bingol 1.23 82 ePn P 22 27 59.7 -0.2 YEDI Yedisu-Bingol 1.23 82 ePn P 22 27 59.7 -0.2

AKCD Akcadag 1.28 220 P Pn 22 27 59.9 +0.1 AKCD Akcadag 1.28 220 P Pn 22 28 18.5 +1.7

SVSK Karacayir 1.65 293 ePn P 22 28 05.8 -0.5 SVSK Karacayir 1.65 293 ePn P 22 28 05.8 -0.5

IDC 13 22:35:56.9:3.5, 4.43S:153.50E, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.3/33, mbtmp3.6/3, Error ellipse: s-maj=151.6km s-min=47.5km az=125.0, New Ireland region

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

FITZ Fitzroy Crossi 30.45 241 P P 22 42 12.0 +0.5 TORD Torod Ar. Bea 150.85 289 PKPbc PKPdf 22 55 51.6 -0.9

ISCJB 13 22:37:27.0:1.3, 35.83N:0.07:141.1E:0.1, h26km, 6km, mb3.5/4, Error ellipse: s-maj=16.4km s-min=8.4km az=147.7

JMA 13 22:37:28.5:0.1, 35.81N:140.96E, h29km, 1km, M3.2, JMA Felt J1, IDC 13 22:37:28.0:1.3, 35.39N:140.49E, h0km, mb3.4/4, mb1.3/6/4, mb1mx3.3/40, mbtmp3.6/4, ML2.6/1, Error ellipse: s-maj=34.4km s-min=23.9km az=48.0

ISC 13 22:37:28.7:1.5, 35.32N:0.07:140.96E:0.10, h23km, 8km, n12, <1.588/15, mb3.5/4, 2C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, m, s, ISC. Includes stations like CHOU Choshi, CHOU Choshi, etc.

BS03 Boso 3 1.09 201 P Pn 22 37 47.0 -1.3 BS01 Boso 1 1.17 160 P Pn 22 37 47.1 -1.3

MJAR Matsushiro Arr 2.36 288 Pn 22 38 06.1 +0.1 MJAR Matsushiro Arr 2.36 288 Pn 22 38 35.2 +1.0

MAT Matsumoto 2.36 289 P S 22 38 06.4 +0.4 MAT Matsumoto 2.36 289 P S 22 38 36.6 -2.5

XAN	comp=Z,200nm,4.7s	pmax	pmax				
KLMR	Klimovskoje	31.70 331	eP	P	22 56 12.1	-1.3	
KLMR	comp=Z,14nm,0.7s		pmax	pmax			
KLMR	Klimovskoje	31.70 331	eP	P	22 56 12.1	-1.3	
KLMR	comp=Z,14nm,0.7s		AMP		22 56 15.3		
GYA	Guizang	32.20 97	iP	P	22 56 19.6	+1.3	
GYA			pP	pP	22 56 44.3	+3.2	
GYA			sP	sP	22 56 57.0	+4.2	
GYA			PP	PnPn	22 57 28.4	+0.2	
GYA			SS	Ss	23 01 21.6	-2.4	
GYA			SS	Ss	23 02 05.3	+1.7	
GYA			SS	SsSn	23 03 22.8	-3.0	
GYA	comp=Z,80nm,0.8s		pmax	pmax			
GYA	comp=Z,70nm,5.2s		LR	LR			
GYA	comp=Z,530nm,17.4s		LR	LR			
GYA	comp=Z,500nm,17.2s		LR	LR			
GYA	comp=Z,510nm,17.5s		LR	LR			
HHC	Hu-ho-hao-te	32.31 69	eP	P	22 56 19.6	+0.5	
HHC			sP	sP	22 56 53.1	-0.5	
HHC			S	S	23 01 23.3	-2.2	
HHC			sS	sS	23 02 06.4	+1.4	
HHC			sS	SsSn	23 03 24.3	+0.7	
HHC			ScS	ScS	23 06 35.6	-2.9	
HHC			pmax	pmax			
HHC	comp=Z,12nm,1.0s		pmax	pmax			
HHC	comp=Z,92nm,5.4s		pmax	pmax			
TIRR	Tirgusor	32.91 298	eP	P	22 56 25.0	+0.9	
TIRR	comp=Z,51nm,1.5s		eP	pmax			
TIRR	Tirgusor	32.91 298	eP	P	22 56 25.0	+0.9	
TIRR	comp=Z,51nm,1.5s		P	P	22 56 23.7	-0.6	
AKASG	Malin Array Be	32.93 310	P	P	22 56 23.7	-0.6	
AKASG	comp=Z,4.6nm,0.6s,baz=78,slow=7.2,SNR=47		PcP	PcP	22 59 05.0	-1.1	
AKASG	comp=Z,3.3nm,0.6s,baz=78,slow=7.2,SNR=6.7		LR	LR	23 13 04.5		
AKASG	comp=Z,39nm,18.2s,baz=55,slow=4.2		LR	LR			
AKASG	Malin Array Be	32.93 310	P	P	22 56 23.7	-0.6	
AKASG	comp=Z,6.0nm,0.6s		pmax	pmax			
AKASG	comp=Z,3.0nm,0.6s		MLR	MLR			
AKASG	comp=Z,39nm,18.2s		MLR	MLR			
AKBB	Malin Array Si	32.93 310	eP	P	22 56 23.5	-0.8	
AKBB	comp=Z,9.0nm,0.6s		eP	P	22 56 23.5	-0.8	
KIEV	Kiev	32.94 309	iP	P	22 56 23.3	-1.0	
KIEV	comp=Z,7.0nm,0.5s		P	P	22 56 23.6	-0.8	
KIEV	Kiev	32.94 309	iP	P	22 56 23.7	-0.6	
KIEV	SNR=6.2		P	P	22 56 23.8	-0.7	
AK11	Malin Array Si	32.97 309	eP	P	22 56 26.6	+1.6	
ENH	Enshi	32.99 89	eP	P	22 56 26.6	+1.6	
CFR	Carcauli	32.13 299	iP	P	22 56 26.6	+1.6	
MANT	Manisa	33.27 287	eP	P	22 56 28.7	+1.1	
TIY	Taiyuan	33.39 74	eP	P	22 56 30.9	+2.4	
TIY	comp=Z,22nm,0.5s		pmax	pmax			
ODBI	Odobesti	33.89 300	iP	P	22 56 35.0	+2.4	
Vrincioia	34.12 300	iP	P	22 56 36.2	+1.6		
PLOR	Plostinia	34.17 300	iP	P	22 56 36.9	+1.8	
TESC	Tescani	34.19 302	iP	P	22 56 36.1	+0.9	
ISR	Istrita	34.24 299	iP	P	22 56 37.6	+1.8	
TMC	Tamitsa	34.31 335	eP	P	22 56 36.3	+0.3	
TMC	comp=Z,23nm,0.6s		pmax	pmax			
MLR	Muntele Rosu	34.66 300	iP	P	22 56 41.1	+1.6	
MLR	Muntele Rosu	34.66 300	eP	P	22 56 40.1	+0.6	
MLR	comp=Z,31nm,0.8s		pmax	pmax			
MLR	Muntele Rosu	34.66 300	eP	P	22 56 41.1	+0.6	
KARP	Karpathos	35.95 282	eP	P	22 56 41.6	-0.3	
DOPR	Dopca	35.05 301	iP	P	22 56 43.5	+0.8	
BURAR	Bucovina Array	35.21 304	iP	P	22 56 45.0	+0.9	
BUR0	Bucovina Ar. S	35.21 304	eP	P	22 56 43.5	+0.7	
BUR0	Bucovina Ar. S	35.22 304	eP	P	22 56 44.6	+0.4	
VOIR	35.30 300	iP	P	22 56 45.2	+0.4		
ARR	Arges	35.59 300	iP	P	22 56 47.8	+0.4	
ARCA	ARCALIA	35.78 303	iP	P	22 56 50.8	+1.6	
APE	Apeiranthos	35.89 285	iP	P	22 56 49.8	-0.4	
BJT	Baijiatuu	35.90 70	eP	P	22 56 50.4	+0.4	
BJT	comp=Z,10.0nm,0.8s		pmax	pmax			
BJT	Baijiatuu	35.90 70	eP	P	22 56 50.4	+0.4	
BOD	Bodaibo	35.98 39	eP	P	22 56 50.6	+0.2	
BOD	comp=Z,15nm,0.9s		pmax	pmax			
LVV	L'vov	36.12 307	eP	P	22 56 51.8	0.0	
YSU	Vasula	36.31 322	eP	P	22 56 52.8	-0.4	
YSU	comp=Z,232nm,1.6s		pmax	pmax			
BMR	Baia Mare	36.37 304	iP	P	22 56 55.1	+1.2	
VTS	Vitosh	36.79 295	iP	P	22 56 57.8	+0.1	
VTS	Vitosh	36.79 295	eP	P	22 56 57.9	+0.2	
VTS	comp=Z,7.0nm,1.0s		pmax	pmax			
VTS	Vitosh	36.79 295	eP	P	22 56 57.9	+0.2	
DEV	Deva	36.79 301	iP	P	22 56 59.1	+1.6	
WHN	Wuhan	36.83 86	iP	P	22 57 00.0	+2.0	
DRGR	36.91 302	iP	P	22 56 59.3	+0.8		
KWP	Kalwaria Pacia	36.97 307	eP	P	22 57 00.4	+1.4	
KWP	Kalwaria Pacia	36.97 307	eP	P	22 57 00.4	+1.4	
KWP	Kalwaria Pacia	36.97 307	eP	P	22 56 59.8	+0.8	
TIA	Tai'an	37.38 76	P	P	22 57 04.5	+1.9	
TIA	comp=Z,16nm,1.1s		pmax	pmax			
FI1	FINES Array S	37.66 327	eP	P	22 57 05.1	+0.5	
FINES	FINES Array B	37.66 327	P	P	22 57 08.2	+0.2	
FINES	comp=Z,15nm,0.6s,baz=104,slow=11,SNR=38		LR	LR	23 14 49.4		
MDRV	Moldova	37.68 299	iP	P	22 57 05.7	+0.6	
NBZ	Buzias	37.70 300	iP	P	22 57 06.0	+0.8	
LVZ	Lovozero	37.76 339	eP	P	22 57 05.8	+0.4	
LVZ	comp=Z,136nm,1.7s		pmax	pmax			
LVZ	Lovozero	37.76 339	eP	P	22 57 05.8	+0.4	
CRVS	Cervenica-Dubn	37.76 306	ePP	PP	22 58 28.7	-4.9	
HIA	Hailar	37.90 54	eP	P	22 57 08.2	+1.3	
HIA	comp=Z,11nm,0.9s		pmax	pmax			
HIA	Hailar	37.90 54	eP	P	22 57 07.8	+0.9	
STHS	Stebnicka Huta	37.91 306	eP	P	22 57 07.2	+0.2	
STHS	comp=Z,3.0nm,0.7s		pmax	pmax			
STHS	Stebnicka Huta	37.91 306	eP	P	22 57 07.2	+0.2	
APA	Apacity	37.92 338	iP	MLR	22 57 08.2	+1.4	
AP	Kecevo	38.40 305	eP	P	22 57 11.9	+0.9	
KECS	Kecevo	38.40 305	eP	P	22 57 11.9	+0.9	
KECS	comp=Z,2.0nm,0.7s		pmax	pmax			
KECS	Kecevo	38.40 305	eP	P	22 57 11.9	+0.9	
NIE	Niedzica	38.53 306	eP	P	22 57 12.8	+0.7	
NIE	Niedzica	38.53 306	eP	P	22 57 12.8	+0.7	
PSZ	Piszkesteto	38.80 304	eP	P	22 57 14.8	+0.3	
PSZ	comp=Z,7.0nm,0.9s		pmax	pmax			
PSZ	Piszkesteto	38.80 304	eP	P	22 57 14.8	+0.3	
PSZ	comp=Z,6.3nm,0.9s		pmax	pmax			
OJC	Ojcow	38.87 308	eP	P	22 57 15.0	0.0	

OJC	comp=Z,9.0nm,1.0s	pmax	pmax				
OJC	Ojcow	38.87 308	eP	P	22 57 15.0	0.0	
DIVS	Divlaba	38.97 298	eP	P	22 57 15.9	0.0	
LANS	Liptovska Anna	39.07 306	eP	P	22 57 17.5	+0.8	
LANS	Liptovska Anna	39.07 306	eP	P	22 57 17.5	+0.8	
LHMI	Lhok Sumawe	39.12 135	eP	P	22 57 14.6	-2.7	
YVHS	Yuh-Sumawe	39.50 305	eP	P	22 57 20.4	+0.2	
YVHS	comp=Z,56nm,3.7s		pmax	pmax			
YVHS	Yuhne	39.50 305	eP	P	22 57 20.4	+0.2	
YVHS	Ostrava-Krasne	39.93 307	eP	P	22 57 26.9	+3.2	
OKC	Ostrava-Krasne	39.93 307	eP	P	22 57 26.9	+3.2	
NJ2	Nanjing	39.94 81	eP	P	22 57 24.1	0.0	
NJ2	comp=Z,8.0nm,0.5s		pmax	pmax			
MORC	Moravsky Berou	40.33 307	iP	P	22 57 28.1	+1.0	
MORC	Moravsky Berou	40.33 307	eP	P	22 57 27.8	+0.7	
MORC	comp=Z,28nm,0.8s		pmax	pmax			
MORC	Moravsky Berou	40.33 307	eP	P	22 57 27.8	+0.7	
BLY	Banja Luka	40.90 299	eP	P	22 57 32.0	+0.2	
KEV	Kevo	41.10 339	eP	P	22 57 33.9	+0.9	
KEV	comp=Z,24nm,1.0s		pmax	pmax			
KEV	Kevo	41.10 339	eP	P	22 57 33.9	+0.9	
DPC	Dobruska-Polom	41.10 308	eP	P	22 57 34.0	+0.6	
DPC	Dobruska-Polom	41.10 308	eP	P	22 57 34.0	+0.6	
DPC	comp=Z,24nm,1.0s		ex	x	22 57 36.3		
UPC	Upice	41.10 308	eP	P	22 57 35.7	+0.7	
UPC	Upice	41.10 308	eP	P	22 57 35.7	+0.7	
ARCES	ARCESS Array B	41.44 338	eP	P	22 57 36.5	+0.7	
ARCES	comp=Z,25nm,0.7s,baz=116,slow=4.1,SNR=11.2		PcP	PcP	22 59 31.4	-0.3	
ARCES	ARCESS Array S	41.44 338	eP	P	22 57 36.2	+0.4	
ARCES	ARCESS Array B	41.44 338	eP	P	22 57 36.2	+0.4	
AREO	AREO	41.44 338	eP	IAMB	22 57 36.7	+0.8	
AREO	comp=Z,32nm,0.8s		IAMB	IAMB	22 57 37.7	+0.8	
AREO	AREO	41.44 338	eP	P	22 57 36.2	+0.3	
AREO	AREO	41.44 338	eP	P	22 57 36.2	+0.3	
HEF	Helta	41.48 336	eP	P	22 57 36.9	+0.6	
CONA	Conrad Observa	41.51 304	eP	P	22 57 37.1	+0.3	
CONA	comp=Z,10nm,0.7s,SNR=7.6						
GROS	Grobnik	41.88 302	iP	P	22 57 40.0	+0.1	
IPM	Iphoh	42.13 131	eP	P	22 57 42.1	0.0	
SOKA	Soboth	42.18 302	eP	P	22 57 42.7	+0.4	
CN2	Changchun	42.19 62	eP	P	22 57 43.1	+0.8	
CN2	comp=Z,10.0nm,1.0s		pmax	pmax			
PRU	Pruhonic	42.26 307	eP	P	22 57 43.3	+0.5	
PRU	Pruhonic	42.26 307	eP	P	22 57 43.3	+0.5	
HAMF	Hammerfest	42.53 339	eP	IAMB	22 57 46.7		
HAMF	comp=Z,44nm,0.6s		IAMB	IAMB			
MOA	Molin	42.59 304	eP	P	22 57 45.5	-0.1	
BRG	Berggiesshubb	42.60 309	iP	P	22 57 45.7	+0.1	
BRG	Berggiesshubb	42.60 309	iP	P	22 57 45.7	+0.1	
BRG	Berggiesshubb	42.60 309	iP	P	22 57 45.7	+0.1	
BRG	comp=Z,10.0nm,0.7s		pmax	pmax			
KIF	Klipisjarvi	42.68 336	eP	P	22 57 46.3	+0.4	
ZE	Zeya	42.69 47	eP	P	22 57 48.1	+1.9	
ZE	comp=Z,38nm,0.9s		pmax	pmax			
GSI	Gunungstihl	42.70 138	eP	P	22 57 45.9	-0.9	
CUC	Cuc	42.71 292	eP	P	22 57 47.3	+0.7	
CUC	comp=Z,50nm,1.3s		pmax	pmax			
CUC	Cuc	42.71 292	eP	P	22 57 47.3	+0.7	
CRNS	Crni Vrh	42.78 302	iP	P	22 57 47.3	+0.1	
GERES	GERESS Array B	42.88 306	eP	P	22 57 47.8	-0.2	
GERES	comp=Z,1.6nm,0.7s,baz=69,slow=7.3,SNR=9.5						
KHC	Kasperske Hory	42.94 306					

Table with columns: PTOM, PMTG, EVO, PBEJ, ALMR, ALMR, ALMR, PVAQ, PCVE, MESJ, MESJ, MESJ, PBDV, PNCL, SUMG, SUMG, PTEG, TULEG, TOAD, TORD, TORD, SOEI, KOWA, IMAR, FYU, MLY, DBIC, TSMU, KIC, TIC, INK, LIC, MDM, EPWAF, CCB, CAST, ILI, ILAR, ILAR, ILB, KTH, PPLA, RND, RND, RND, DHY, BOS, PAX, PAX, SML, SML, HARP, KDKA, YKA, YKA, WRA, WRA, WRAB, WRAB, WRAB, SCH, ASAR, ASAR, FFC, ULM, ULM, PDAR, NVAR, TXAR, TXAR, TXAR, TXAR, TXAR, CPUP, PLCA, ISCJB, IDC, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with columns: BFZ, SNZO, LHI, THZ, KHZ, LTZ, XMAS, OXZ, MQZ, RPZ, RPZ, LBZ, KWJ, WKZ, ELD, ARMA, DCZ, PATS, CAN, COEN, STKA, HLP, BBOO, WB2, WRA, WRA, WRA, ASO1, ASO1, ASAR, ASAR, ASAR, MTN, FAKI, FORT, SOEI, MBWA, Vnda, JAGI, MJAR, MAT, PETK, KRSR, KSAR, KHMM, CMB, AFDM, MDPB, YBH, WAKR, NJ2, DAC, PNTR, YERR, NV01, NVAR, NV11, KVN, TPNV, MOD, K05A, CN2, SVW2, BMN, WVOR, TUC, J08A, BBB, U15A, G08A, MTPU, E08A, B08A, CAST, MISD, D08A, TRF, F10A, RND, B08A, MCK, HLID

Table with columns: TMUT, SPUT, HVU, SRU, ROA, P18A, HDA, CCB, MNTX, IMAR, MDM, COLA, ILI, ILAR, ILB, TX31, TXAR, GSI, MCMT, TPWA, REDW, PKW, IMW, MOOW, XAN, YHB, PDAR, PDAR, H17A, YHH, HHC, HHC, HHC, HHC, INK, SNA, VNA3, VNA2, SONM, YKA, KSH, ARCES, FINES, OJC, STHS, KSP, BRN, CLL, UPC, OKC, OPC, BRG, LANS, PVCC, PRU, GOPC, KHC, GERES, CONA, ARSA, WATA, WATA, MOTA, MYKA, ABTA, DAVA, FETA, ESDC, TORD, TORD, IDC, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

ZALV	comp=Z,10nm,0.8s	42.84 303	P	P	06 19 34.3	-1.9
ZALV	Zalesovo Beam	42.84 303	P	P	06 21 26.4	0.0
ZALV	comp=Z,5.7nm,0.3s,baz=58,slow=6.2,SNR=37		PcP			
ZALV	Zalesovo Beam	42.84 303	eP	P	06 19 34.7	-1.6
ZALV	comp=Z,3.0nm,0.8s,baz=56,slow=3.7,SNR=4.8				06 21 27.0	
ZALV	Zalesovo Beam	42.84 303	eP	P	06 19 34.7	-1.6
ZALV	Zalesovo Beam	42.84 303	eP	P	06 21 26.9	+0.6
ZALV	Zalesovo Beam	42.84 303	eP	P	06 19 37.8	-1.3
NVS	Novosibirsk	43.20 305	eP	P		
NVS	comp=N,14nm,1.0s					
NVS	comp=Z,7.6nm,1.0s					
YKW3	Yellowknife Ar	43.58 42	eP	P	06 19 42.1	0.0
YKA	Yellowknife Ar	43.58 42	eP	P	06 19 42.6	+0.2
YKA	Yellowknife Ar	43.58 42	eP	P	06 19 43.0	+0.6
YKA	Yellowknife Ar	43.58 42	eP	P		
DGZ	Jazzator, Alta	43.68 296	cP	P	06 19 42.6	-0.7
CD2	Chengdu	45.73 264	eP	P	06 19 58.5	-1.1
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,120nm,5.0s					
WMQ	Urumqi	46.93 289	P	P	06 20 08.8	-0.1
WMQ	comp=Z,11nm,1.4s		pP		06 20 26.3	-2.2
WMQ	Yellowknife Ar	43.58 42	eP	P	06 20 33.0	+1.0
WMQ	comp=Z,36nm,1.3s					
WMQ	comp=Z,340nm,4.5s					
WMQ	comp=Z,330nm,23.1s					
WMQ	comp=Z,270nm,17.9s					
WMQ	comp=Z,310nm,19.9s					
GYA	Guiyang	47.21 258	eP	P	06 20 12.6	+1.2
GYA	comp=Z,10.0nm,1.0s					
TULEG	Thule	47.42 14	eP	P	06 20 11.9	-0.3
SPA0	Spitsbergen Ar	47.53 350	eP	P	06 20 12.4	-0.8
SPA0	comp=Z,82nm,1.1s		IAMB		06 20 14.4	
SPA0	Spitsbergen Ar	47.53 350	eP	P	06 20 12.7	-0.5
SPA0	Spitsbergen Ar	47.53 350	eP	P	06 20 12.6	-0.6
KURK	Kurchatov	47.80 302	eP	P	06 20 13.6	-1.9
KURK	comp=Z,47nm,1.0s					
KURK	Kurchatov	47.80 302	eP	P	06 20 14.1	-1.4
KURK	comp=Z,56nm,0.9s					
KURK	Kurchatov	47.80 302	PcP	P	06 21 42.5	-1.1
KURK	SNR=19				06 20 14.5	-1.0
KURK	Kurchatov	47.80 302	P	P	06 20 14.5	-1.0
KURK	SNR=19					
KURBB	Kurchatov Arra	47.80 302	P	P	06 20 14.6	-1.7
KURBB	comp=Z,11nm,0.4s,baz=59,slow=7.6,SNR=49		PcP			
KURBB	comp=Z,0.8nm,0.3s,baz=54,slow=3.2,SNR=4.2		PcP		06 21 42.5	-1.5
JCUZ	Jacuzzi	48.14 116	eP	P	06 20 16.6	-2.0
JCUZ	comp=Z,196nm,0.5s					
MK31	Makanchi Array	48.16 296	iP	P	06 20 16.9	-1.6
MK31	comp=Z,5.0nm,0.4s					
MK31	Makanchi Array	48.16 296	eP	P	06 20 17.1	-1.4
MK31	Makanchi Array	48.16 296	eP	P	06 20 16.6	-1.9
MK31	Makanchi Array	48.16 296	eP	P		
MKAR	Makanchi Array	48.16 296	cP	P	06 20 17.0	-1.4
MKAR	comp=Z,226nm,21.4s,baz=40,slow=37					
MKAR	Makanchi Array	48.16 296	cP	P		
MKAR	comp=Z,8.0nm,0.4s					
MKAR	Makanchi Array	48.16 296	eP	P	06 20 17.1	-1.4
MKAR	comp=Z,116nm,0.4s					
MK01	Makanchi Array	48.33 296	eP	P	06 20 17.1	-1.4
MAKZ	Makanchi	48.33 296	eP	P	06 20 18.3	-1.4
MAKZ	comp=Z,20nm,0.9s					
MAKZ	Makanchi	48.33 296	eP	P	06 20 18.3	-1.4
MAKZ	comp=Z,20nm,0.9s					
B08A	Colville Reser	49.07 61	eP	P	06 20 26.3	+0.9
F07A	Phinny Hill Vi	50.27 64	eP	P	06 20 35.8	+1.4
NEW	Newport	50.50 30	LR	LR	06 39 28.7	
BVA0	Borovoye Array	50.50 308	iP	P	06 20 34.1	-2.1
BVA0	comp=Z,125nm,20.1s,baz=300,slow=33					
BVA0	Borovoye Array	50.50 308	iP	P		
BVA0	comp=Z,7.0nm,0.7s					
BVAR	Borovoye Array	50.50 308	P	P	06 20 34.2	-2.0
BVAR	comp=Z,5.7nm,0.3s,baz=59,slow=7.3,SNR=90					
BRVK	Borovoye	50.53 309	cP	P	06 20 34.7	-1.7
BRVK	comp=Z,10.0nm,1.0s					
BRVK	Borovoye	50.53 309	eP	P	06 20 35.1	-1.3
BRVK	comp=Z,17nm,1.2s					
BRVK	Borovoye	50.53 309	P	P	06 20 34.0	-2.4
BRVK	SNR=5.1				06 20 34.0	-2.4
KULLO	Kullorsuag	50.66 12	iP	P	06 20 36.6	-0.4
KULLO	comp=Z,32nm,0.8s					
KULLO	Kullorsuag	50.66 12	iP	P	06 20 36.6	-0.4
KULLO	comp=Z,32nm,0.8s					
DAG	Danmarks Havn	50.84 360	iP	P	06 20 37.7	-0.6
DAG	comp=Z,27nm,0.9s					
DAG	Danmarks Havn	50.84 360	iP	P	06 20 37.7	-0.6
DAG	comp=Z,33nm,0.9s					
E09A	Wood Farm, Sta	50.84 62	eP	P	06 20 39.6	+0.8
QIZ	Qiongzong	51.09 248	eP	P	06 20 44.3	+2.1
YBH	Yreka Blue Hor	51.36 69	eP	P	06 20 44.5	+1.6
YBH	comp=Z,7.0nm,1.0s					
YBH	Yreka Blue Hor	51.36 69	eP	P	06 20 44.5	+1.6
YBH	comp=Z,6.8nm,1.0s					
WALA	Waterton Lakes	51.46 57	eP	P	06 20 44.6	+1.0
PDGK	Podgornoye	51.88 294	iP	P	06 20 45.3	-1.5
PDGK	comp=Z,20nm,1.0s					
JTMT	Jette	52.10 59	eP	P	06 20 49.6	+1.2
JTMT	comp=Z,15nm,1.2s					
SVE	Sverdlouk	52.46 317	eP	P	06 20 50.0	-0.7
SVE	comp=Z,12nm,1.0s					
MOD	Modoc Plateau	52.62 68	eP	P	06 20 53.7	+1.5
MOD	comp=Z,11nm,1.1s					
FFC	Flin Flin	53.47 46	iP	P	06 20 59.9	+1.7
ORV	Oroville	53.49 71	eP	P	06 20 59.8	+1.3
ORV	comp=Z,7.0nm,1.0s					
ORV	Oroville	53.49 71	eP	P	06 20 59.8	+1.3
ORV	comp=Z,7.1nm,1.0s					
APA	Apatity	53.58 337	iP	P	06 21 04.4	+5.6
APA	comp=Z,700nm,16.0s		MLR			
ARU	Arti	53.58 317	P	P	06 20 57.2	-1.7
ARU	comp=Z,5.9nm,0.3s,baz=348,slow=3.3,SNR=10					
ARU	Arti	53.58 317	iP	P	06 20 57.4	-1.6
ARU	comp=Z,11nm,1.0s					
ARU	Arti	53.58 317	iP	P	06 21 11.1	-1.8
ARU	comp=Z,11nm,1.0s				06 22 04.2	
ARU	Arti	53.58 317	iP	P	06 20 28.2	-1.9
ARU	comp=Z,11nm,1.0s				06 32 05.0	-3.3
ARU	Arti	53.58 317	eP	P	06 20 57.5	-1.4
ARU	comp=Z,10nm,0.6s					
AREC	ARECCESS Array B	53.64 342	eP	P	06 20 57.8	-1.4
AREC	comp=Z,5.3nm,0.6s,baz=53,slow=8.5,SNR=44					
AREC	ARECCESS Array S	53.64 342	eP	P	06 20 59.5	+0.3
AREC	comp=Z,25nm,1.2s		IAMB		06 21 03.1	

AREO	ARECCESS Array S	53.64 342	eP	P	06 20 59.2	-0.1
AREO	comp=Z,42nm,1.4s					
BEKR	Beckworth	53.93 70	eP	P	06 21 03.2	+1.2
BEKR	comp=Z,9.3nm,0.9s					
AFM	Holter Reser	54.05 58	eP	P	06 21 03.6	+0.9
AFM	Forest Hills D	54.20 71	eP	P	06 21 06.2	+2.4
TKM2	Tokmak 2	54.30 296	iP	P	06 21 06.3	-1.4
TKM2	comp=Z,10.0nm,0.9s					
TKM2	Tokmak 2	54.30 296	P	P	06 21 03.2	-1.4
TKM2	SNR=13					
ULHL	Uljaloh	54.39 295	P	P	06 21 04.7	-0.7
ULHL	SNR=5.1					
SUMG	Summit	54.42 7	iP	P	06 21 05.5	+0.2
SUMG	comp=Z,60nm,1.0s					
SUMG	Summit	54.42 7	iP	P	06 21 05.5	+0.2
SUMG	comp=Z,60nm,1.0s					
SUMG	Summit	54.42 7	P	P	06 21 05.6	+0.3
SUMG	comp=Z,60nm,1.0s					
PAHR	Pah Rah Rang	54.59 69	eP	P	06 21 08.3	+1.5
PAHR	comp=Z,22nm,1.4s					
USP	Ospenovka	54.67 297	P	P	06 21 06.3	-0.9
USP	SNR=17					
CHMS	Chumysh	54.71 296	P	P	06 21 06.3	-1.1
CHMS	SNR=8.4					
TRO	Tromso	54.73 344	eP	P	06 21 09.2	+2.2
TRO	comp=Z,30nm,1.0s		IAMB		06 21 16.7	
TRO	comp=Z,30nm,1.0s					
MCMT	McKenzie Canyon	54.76 60	eP	P	06 21 09.3	+1.3
RDG13	Poverty Ridge	54.78 73	eP	P	06 21 09.0	+0.9
RDG13	comp=Z,17nm,1.1s					
KBK	Karagaybulak	54.83 296	P	P	06 21 10.4	-1.1
KBK	SNR=8.4					
PNTR	Pine Nut	54.89 70	eP	P	06 21 10.5	+1.4
PNTR	comp=Z,13nm,0.8s					
FRU	Gishik	54.89 296	eP	P	06 21 07.0	-1.8
KZA	Kyzart	55.05 295	P	P	06 21 09.4	-1.0
KZA	SNR=5.5					
TMCR	Tamitsa	55.08 333	eP	P	06 21 07.7	-1.9
TMCR	comp=Z,27nm,0.8s					
AAK	Ala-Archa	55.09 296	P	P	06 21 09.4	-1.0
AAK	comp=Z,7.7nm,0.6s,baz=83,slow=4.5,SNR=32					
AAK	Ala-Archa	55.09 296	iP	P	06 21 09.1	-1.2
AAK	comp=Z,12nm,0.6s					
AAK	Ala-Archa	55.09 296	P	P	06 21 09.3	-1.0
AAK	SNR=18					
AAK	Ala-Archa	55.09 296	eP	P	06 21 09.5	-0.8
AAK	comp=Z,14nm,0.8s					
AAK	Ala-Archa	55.09 296	P	P	06 21 09.6	-0.7
AAK	SNR=9.5					
AAK	Ala-Archa	55.09 296	P	P	06 21 09.6	-0.7
AAK	SNR=5.5					
AAK	Ala-Archa	55.09 296	iP	P	06 21 09.3	-1.1
AAK	SNR=20					
CMB	Columbia Colle	55.15 71	eP	P	06 21 12.6	+1.9
CMB	comp=Z,8.0nm,1.0s					
CMB	Columbia Colle	55.15 71	eP	P	06 21 12.6	+1.9
CMB	comp=Z,7.5nm,1.0s					
YERR	Yerington	55.16 70	eP	P	06 21 12.7	+1.8
YERR	comp=Z,12nm,1.0s					
BMN	Battle Mountai	55.33 67	eP	P	06 21 13.8	+1.7
BMN	comp=Z,13nm,1.0s					
BMN	Battle Mountai	55.33 67	eP	P	06 21 13.8	+1.7
BMN	comp=Z,13nm,1.0s					
WAKR	Walker	55.38 70	eP	P	06 21 13.4	+0.9
WAKR	comp=Z,10nm,0.9s					
EKS2	Erkin-Say	55.47 297	P	P	06 21 12.3	-0.7
EKS2	SNR=6					
YHB	Horse Butte	55.69 60	eP	P	06 21 16.4	+1.7
YHB	comp=Z,18nm,1.5s					
KVNV	Kaiserville	55.77 69	eP	P	06 21 16.3	+1.0
KVNV	comp=Z,12nm,1.0s					
KVNV	Kaiserville	55.77 69	eP	P	06 21 16.3	+1.0
KVNV	comp=Z,12nm,1.0s					
YHH	Holmes Hill	55.84 59	eP	P	06 21 17.4	+1.5
YHH	comp=Z,5.8nm,1.1s					
AML	Almashu	55.87 296	P	P	06 21 15.5	-0.7
AML	SNR=9.2					
NV01	Mina Array Sit	56.08 70	eP	P	06 21 18.8	+1.2
NVAR	Mina Array Bea	56.08 70	eP	P	06 21 19.2	+1.6
NVAR	comp=Z,2.4nm,0.6s,baz=300,slow=7.2,SNR=23					
NVAR						

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like MOL, DOMB, AKN, X18A, SIBU, SDCO, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like TUL1, BEL, TX31, TXAR, TRQ, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like ISR, MEM, BUD, GEC2, GEC2, etc.

NEIC 14 09:02:34.1_0.6, 2.54N-92.95E, h10km, mb4.2/3, Error ellipse: s-maj=11.3km s-min=6.7km az=210.0

DJA 14 09:02:35.4_2.5, 3.1N, 7.9E, 3E1.1'6, h19km, mb4.7/6, mb4.8/6, mb5.1/3, MLV4.7/6, Mw(MB)4.5/3

ISC 14 09:02:35.9_0.9, 2.53N, 0.10:93.05E:0.08, h21km, m32, c189/30, mb3.9/8, MS3.4/3, Off west coast of northern Sumatra

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

ISC 14 09:18:45.1, 38.75N, 43.43E, h5km, ML2.7

ISCJB 14 09:18:47.4_0.5, 38.77N, 0.03:43.47E:0.06, h13km, 5km, Error ellipse: s-maj=8.5km s-min=3.9km az=13.1

CSEM 14 09:18:47.1_0.2, 38.77N, 43.44E, h7km, ML2.7, Error ellipse: s-maj=8.0km s-min=4.4km az=99.0

DDA 14 09:18:47.1, 38.75N, 43.45E, h7km, ML2.8

ISC 14 09:18:47.0_0.9, 38.76N, 0.02:43.46E:0.04, h15km, 7km, n19, c979/35, Turkey

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

IDC 14 09:30:23.7_0.5, 10.52S, 165.16E, h0km, mb4.3/17, mb1.4/5/19, mb1mx4.4/33, mbmp4.4/19, ML2.3/1, MS4.0/15, Ms1.4/0/15, ms1mx3.8/39, Error ellipse: s-maj=17.8km s-min=15.0km az=145.0

ISCJB 14 09:30:29.1_0.2, 10.63S, 0.05:165.14E:0.04, h46km, mb4.7/62, MS4.1/16, Error ellipse: s-maj=6.7km s-min=5.1km az=158.7

NEIC 14 09:30:29.4_0.2, 10.55S, 165.19E, h35km, mb4.8/40, Error ellipse: s-maj=6.2km s-min=4.1km az=144.0

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

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

Table with columns: EIDS, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists seismic stations and their parameters.

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

Table with columns: EIDS, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Lists seismic stations and their parameters.

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ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

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

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ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

ISC 14 09:30:30.6_0.4, 10.67S, 0.06:165.22E:0.06, h46km, n112, c137/109, mb4.7/62, MS4.1/16, Santa Cruz Islands

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

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like MDM Murphy Dome, COLA College, CCB Clear Creek Bu, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like WARRAMA Warramunga, TAMITSA Tamitsa, YKA Yellowknife Ar, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like NOA, UOSS Minazif, HATD Hatta Dubai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Collm, VRAC, GPC, PRU, KHC, etc.

Table for SJA 14 09:59:10.3, 0.8, 26.36S, 65.40W, h30km, 2km, ML3.0, MW3.7, Tucuman Province.

Table for IDC 14 10:00:05.1, 5.55S, 152.76E, h0km, mb3.9/9, mb1.4/1.0, mb1mx3.8/4.4, mbtmp3.9/1.0, ML1.9/1, Error ellipse: s-maj=56.6km s-min=17.0km az=125.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, Port Moresby, WRA, ASAR, FITZ, etc.

KRNET 14 10:02:35.0, 0.1, 39.40N, 74.46E, mb3.4, NNC 14 10:02:36.3, 1.6, 39.50N, 74.46E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=14.0km s-min=5.3km az=5.0.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK, ARSB, NRN, KZA, AML, TOKL, etc.

IDC 14 10:16:06.5, 5.7, 14.73N, 92.31W, h0km, mb3.6/2, mb1.3/7.4, mb1mx3.4/2, mbtmp3.2/4, ML3.2/2, Error ellipse: s-maj=127.4km s-min=52.1km az=22.0, Near coast of Chiapas.

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

0.9nm, 0.7s, baz=150, slow=7.5, SNR=24

Table for KRSC 14 11:03:53.2, 1.0, 51.67N, 158.64E, h50km, gkm, ML3.8, Near east coast of Kamchatka Peninsula.

ISCJB 14 11:24:57.3, 0.6, 8.54S, 0.09, 33.1E, 0.1, h10km, mb3.8/4, MS3.0/4, Error ellipse: s-maj=21.2km s-min=5.0km.

IDC 14 11:24:59.5, 1.1, 8.43S, 32.89E, h0km, mb3.8/4, mb1.4/1.6, mb1mx3.6/5.3, mbtmp4.1/6, ML5.0/2, MS3.1/6, MS1.3/0.6, ms1mx2.8/5.1, Error ellipse: s-maj=38.4km s-min=22.8km az=116.0.

EAF 14 11:25:00.7, 0.6, 8.38S, 32.95E, h0km, 492km, ISC 14 11:24:59.3, 0.7, 8.55S, 0.09, 33.0E, 0.1, h10km, n15, c269/19, mb3.9/4, MS3.1/4, Tanzania.

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

MAN 14 11:34:20, 10.23N, 126.39E, h16km, mb4.3, ML3.1, MS2.9, 2C-2D, Philippine Islands region.

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

IDC 14 11:34:55.0, 0.4, 60.67S, 26.22W, h0km, mb4.9/16, mb1.5/0.16, mb1mx4.9/26, mbtmp4.9/16, MS4.3/18, MS1.4/3.18, ms1mx4.3/19, Error ellipse: s-maj=16.3km s-min=13.4km az=43.0.

Bull 14 11:34:55.6, 60.80S, 26.10W, h10km, mb5.6/7, Ms5.1/5, Ms7.5/26.

GCMT 14 11:34:56.8, 0.1, 61.05S, 25.39W, h12km, MW5.1/116, Moment Tensor Solution, s46c61, s116c176, Duration: 0. Moment tensor: Scale 1016Nm, Mr=5.61E+11, Mw=4.17E+11, Ms=1.45E+11, Ms1.2E+11, Ms2.5E+09, Ms3.0E+09, Ms4.0E+09, Ms5.0E+09, Ms6.0E+09, Ms7.0E+09, Ms8.0E+09, Ms9.0E+09, Ms10.0E+09, Ms11.0E+09, Ms12.0E+09, Ms13.0E+09, Ms14.0E+09, Ms15.0E+09, Ms16.0E+09, Ms17.0E+09, Ms18.0E+09, Ms19.0E+09, Ms20.0E+09, Ms21.0E+09, Ms22.0E+09, Ms23.0E+09, Ms24.0E+09, Ms25.0E+09, Ms26.0E+09, Ms27.0E+09, Ms28.0E+09, Ms29.0E+09, Ms30.0E+09, Ms31.0E+09, Ms32.0E+09, Ms33.0E+09, Ms34.0E+09, Ms35.0E+09, Ms36.0E+09, Ms37.0E+09, Ms38.0E+09, Ms39.0E+09, Ms40.0E+09, Ms41.0E+09, Ms42.0E+09, Ms43.0E+09, Ms44.0E+09, Ms45.0E+09, Ms46.0E+09, Ms47.0E+09, Ms48.0E+09, Ms49.0E+09, Ms50.0E+09, Ms51.0E+09, Ms52.0E+09, Ms53.0E+09, Ms54.0E+09, Ms55.0E+09, Ms56.0E+09, Ms57.0E+09, Ms58.0E+09, Ms59.0E+09, Ms60.0E+09, Ms61.0E+09, Ms62.0E+09, Ms63.0E+09, Ms64.0E+09, Ms65.0E+09, Ms66.0E+09, Ms67.0E+09, Ms68.0E+09, Ms69.0E+09, Ms70.0E+09, Ms71.0E+09, Ms72.0E+09, Ms73.0E+09, Ms74.0E+09, Ms75.0E+09, Ms76.0E+09, Ms77.0E+09, Ms78.0E+09, Ms79.0E+09, Ms80.0E+09, Ms81.0E+09, Ms82.0E+09, Ms83.0E+09, Ms84.0E+09, Ms85.0E+09, Ms86.0E+09, Ms87.0E+09, Ms88.0E+09, Ms89.0E+09, Ms90.0E+09, Ms91.0E+09, Ms92.0E+09, Ms93.0E+09, Ms94.0E+09, Ms95.0E+09, Ms96.0E+09, Ms97.0E+09, Ms98.0E+09, Ms99.0E+09, Ms100.0E+09, Ms101.0E+09, Ms102.0E+09, Ms103.0E+09, Ms104.0E+09, Ms105.0E+09, Ms106.0E+09, Ms107.0E+09, Ms108.0E+09, Ms109.0E+09, Ms110.0E+09, Ms111.0E+09, Ms112.0E+09, Ms113.0E+09, Ms114.0E+09, Ms115.0E+09, Ms116.0E+09, Ms117.0E+09, Ms118.0E+09, Ms119.0E+09, Ms120.0E+09, Ms121.0E+09, Ms122.0E+09, Ms123.0E+09, Ms124.0E+09, Ms125.0E+09, Ms126.0E+09, Ms127.0E+09, Ms128.0E+09, Ms129.0E+09, Ms130.0E+09, Ms131.0E+09, Ms132.0E+09, Ms133.0E+09, Ms134.0E+09, Ms135.0E+09, Ms136.0E+09, Ms137.0E+09, Ms138.0E+09, Ms139.0E+09, Ms140.0E+09, Ms141.0E+09, Ms142.0E+09, Ms143.0E+09, Ms144.0E+09, Ms145.0E+09, Ms146.0E+09, Ms147.0E+09, Ms148.0E+09, Ms149.0E+09, Ms150.0E+09, Ms151.0E+09, Ms152.0E+09, Ms153.0E+09, Ms154.0E+09, Ms155.0E+09, Ms156.0E+09, Ms157.0E+09, Ms158.0E+09, Ms159.0E+09, Ms160.0E+09, Ms161.0E+09, Ms162.0E+09, Ms163.0E+09, Ms164.0E+09, Ms165.0E+09, Ms166.0E+09, Ms167.0E+09, Ms168.0E+09, Ms169.0E+09, Ms170.0E+09, Ms171.0E+09, Ms172.0E+09, Ms173.0E+09, Ms174.0E+09, Ms175.0E+09, Ms176.0E+09, Ms177.0E+09, Ms178.0E+09, Ms179.0E+09, Ms180.0E+09, Ms181.0E+09, Ms182.0E+09, Ms183.0E+09, Ms184.0E+09, Ms185.0E+09, Ms186.0E+09, Ms187.0E+09, Ms188.0E+09, Ms189.0E+09, Ms190.0E+09, Ms191.0E+09, Ms192.0E+09, Ms193.0E+09, Ms194.0E+09, Ms195.0E+09, Ms196.0E+09, Ms197.0E+09, Ms198.0E+09, Ms199.0E+09, Ms200.0E+09, Ms201.0E+09, Ms202.0E+09, Ms203.0E+09, Ms204.0E+09, Ms205.0E+09, Ms206.0E+09, Ms207.0E+09, Ms208.0E+09, Ms209.0E+09, Ms210.0E+09, Ms211.0E+09, Ms212.0E+09, Ms213.0E+09, Ms214.0E+09, Ms215.0E+09, Ms216.0E+09, Ms217.0E+09, Ms218.0E+09, Ms219.0E+09, Ms220.0E+09, Ms221.0E+09, Ms222.0E+09, Ms223.0E+09, Ms224.0E+09, Ms225.0E+09, Ms226.0E+09, Ms227.0E+09, Ms228.0E+09, Ms229.0E+09, Ms230.0E+09, Ms231.0E+09, Ms232.0E+09, Ms233.0E+09, Ms234.0E+09, Ms235.0E+09, Ms236.0E+09, Ms237.0E+09, Ms238.0E+09, Ms239.0E+09, Ms240.0E+09, Ms241.0E+09, Ms242.0E+09, Ms243.0E+09, Ms244.0E+09, Ms245.0E+09, Ms246.0E+09, Ms247.0E+09, Ms248.0E+09, Ms249.0E+09, Ms250.0E+09, Ms251.0E+09, Ms252.0E+09, Ms253.0E+09, Ms254.0E+09, Ms255.0E+09, Ms256.0E+09, Ms257.0E+09, Ms258.0E+09, Ms259.0E+09, Ms260.0E+09, Ms261.0E+09, Ms262.0E+09, Ms263.0E+09, Ms264.0E+09, Ms265.0E+09, Ms266.0E+09, Ms267.0E+09, Ms268.0E+09, Ms269.0E+09, Ms270.0E+09, Ms271.0E+09, Ms272.0E+09, Ms273.0E+09, Ms274.0E+09, Ms275.0E+09, Ms276.0E+09, Ms277.0E+09, Ms278.0E+09, Ms279.0E+09, Ms280.0E+09, Ms281.0E+09, Ms282.0E+09, Ms283.0E+09, Ms284.0E+09, Ms285.0E+09, Ms286.0E+09, Ms287.0E+09, Ms288.0E+09, Ms289.0E+09, Ms290.0E+09, Ms291.0E+09, Ms292.0E+09, Ms293.0E+09, Ms294.0E+09, Ms295.0E+09, Ms296.0E+09, Ms297.0E+09, Ms298.0E+09, Ms299.0E+09, Ms300.0E+09, Ms301.0E+09, Ms302.0E+09, Ms303.0E+09, Ms304.0E+09, Ms305.0E+09, Ms306.0E+09, Ms307.0E+09, Ms308.0E+09, Ms309.0E+09, Ms310.0E+09, Ms311.0E+09, Ms312.0E+09, Ms313.0E+09, Ms314.0E+09, Ms315.0E+09, Ms316.0E+09, Ms317.0E+09, Ms318.0E+09, Ms319.0E+09, Ms320.0E+09, Ms321.0E+09, Ms322.0E+09, Ms323.0E+09, Ms324.0E+09, Ms325.0E+09, Ms326.0E+09, Ms327.0E+09, Ms328.0E+09, Ms329.0E+09, Ms330.0E+09, Ms331.0E+09, Ms332.0E+09, Ms333.0E+09, Ms334.0E+09, Ms335.0E+09, Ms336.0E+09, Ms337.0E+09, Ms338.0E+09, Ms339.0E+09, Ms340.0E+09, Ms341.0E+09, Ms342.0E+09, Ms343.0E+09, Ms344.0E+09, Ms345.0E+09, Ms346.0E+09, Ms347.0E+09, Ms348.0E+09, Ms349.0E+09, Ms350.0E+09, Ms351.0E+09, Ms352.0E+09, Ms353.0E+09, Ms354.0E+09, Ms355.0E+09, Ms356.0E+09, Ms357.0E+09, Ms358.0E+09, Ms359.0E+09, Ms360.0E+09, Ms361.0E+09, Ms362.0E+09, Ms363.0E+09, Ms364.0E+09, Ms365.0E+09, Ms366.0E+09, Ms367.0E+09, Ms368.0E+09, Ms369.0E+09, Ms370.0E+09, Ms371.0E+09, Ms372.0E+09, Ms373.0E+09, Ms374.0E+09, Ms375.0E+09, Ms376.0E+09, Ms377.0E+09, Ms378.0E+09, Ms379.0E+09, Ms380.0E+09, Ms381.0E+09, Ms382.0E+09, Ms383.0E+09, Ms384.0E+09, Ms385.0E+09, Ms386.0E+09, Ms387.0E+09, Ms388.0E+09, Ms389.0E+09, Ms390.0E+09, Ms391.0E+09, Ms392.0E+09, Ms393.0E+09, Ms394.0E+09, Ms395.0E+09, Ms396.0E+09, Ms397.0E+09, Ms398.0E+09, Ms399.0E+09, Ms400.0E+09, Ms401.0E+09, Ms402.0E+09, Ms403.0E+09, Ms404.0E+09, Ms405.0E+09, Ms406.0E+09, Ms407.0E+09, Ms408.0E+09, Ms409.0E+09, Ms410.0E+09, Ms411.0E+09, Ms412.0E+09, Ms413.0E+09, Ms414.0E+09, Ms415.0E+09, Ms416.0E+09, Ms417.0E+09, Ms418.0E+09, Ms419.0E+09, Ms420.0E+09, Ms421.0E+09, Ms422.0E+09, Ms423.0E+09, Ms424.0E+09, Ms425.0E+09, Ms426.0E+09, Ms427.0E+09, Ms428.0E+09, Ms429.0E+09, Ms430.0E+09, Ms431.0E+09, Ms432.0E+09, Ms433.0E+09, Ms434.0E+09, Ms435.0E+09, Ms436.0E+09, Ms437.0E+09, Ms438.0E+09, Ms439.0E+09, Ms440.0E+09, Ms441.0E+09, Ms442.0E+09, Ms443.0E+09, Ms444.0E+09, Ms445.0E+09, Ms446.0E+09, Ms447.0E+09, Ms448.0E+09, Ms449.0E+09, Ms450.0E+09, Ms451.0E+09, Ms452.0E+09, Ms453.0E+09, Ms454.0E+09, Ms455.0E+09, Ms456.0E+09, Ms457.0E+09, Ms458.0E+09, Ms459.0E+09, Ms460.0E+09, Ms461.0E+09, Ms462.0E+09, Ms463.0E+09, Ms464.0E+09, Ms465.0E+09, Ms466.0E+09, Ms467.0E+09, Ms468.0E+09, Ms469.0E+09, Ms470.0E+09, Ms471.0E+09, Ms472.0E+09, Ms473.0E+09, Ms474.0E+09, Ms475.0E+09, Ms476.0E+09, Ms477.0E+09, Ms478.0E+09, Ms479.0E+09, Ms480.0E+09, Ms481.0E+09, Ms482.0E+09, Ms483.0E+09, Ms484.0E+09, Ms485.0E+09, Ms486.0E+09, Ms487.0E+09, Ms488.0E+09, Ms489.0E+09, Ms490.0E+09, Ms491.0E+09, Ms492.0E+09, Ms493.0E+09, Ms494.0E+09, Ms495.0E+09, Ms496.0E+09, Ms497.0E+09, Ms498.0E+09, Ms499.0E+09, Ms500.0E+09, Ms501.0E+09, Ms502.0E+09, Ms503.0E+09, Ms504.0E+09, Ms505.0E+09, Ms506.0E+09, Ms507.0E+09, Ms508.0E+09, Ms509.0E+09, Ms510.0E+09, Ms511.0E+09, Ms512.0E+09, Ms513.0E+09, Ms514.0E+09, Ms515.0E+09, Ms516.0E+09, Ms517.0E+09, Ms518.0E+09, Ms519.0E+09, Ms520.0E+09, Ms521.0E+09, Ms522.0E+09, Ms523.0E+09, Ms524.0E+09, Ms525.0E+09, Ms526.0E+09, Ms527.0E+09, Ms528.0E+09, Ms529.0E+09, Ms530.0E+09, Ms531.0E+09, Ms532.0E+09, Ms533.0E+09, Ms534.0E+09, Ms535.0E+09, Ms536.0E+09, Ms537.0E+09, Ms538.0E+09, Ms539.0E+09, Ms540.0E+09, Ms541.0E+09, Ms542.0E+09, Ms543.0E+09, Ms544.0E+09, Ms545.0E+09, Ms546.0E+09, Ms547.0E+09, Ms548.0E+09, Ms549.0E+09, Ms550.0E+09, Ms551.0E+09, Ms552.0E+09, Ms553.0E+09, Ms554.0E+09, Ms555.0E+09, Ms556.0E+09, Ms557.0E+09, Ms558.0E+09, Ms559.0E+09, Ms560.0E+09, Ms561.0E+09, Ms562.0E+09, Ms563.0E+09, Ms564.0E+09, Ms565.0E+09, Ms566.0E+09, Ms567.0E+09, Ms568.0E+09, Ms569.0E+09, Ms570.0E+09, Ms571.0E+09, Ms572.0E+09, Ms573.0E+09, Ms574.0E+09, Ms575.0E+09, Ms576.0E+09, Ms577.0E+09, Ms578.0E+09, Ms579.0E+09, Ms580.0E+09, Ms581.0E+09, Ms582.0E+09, Ms583.0E+09, Ms584.0E+09, Ms585.0E+09, Ms586.0E+09, Ms587.0E+09, Ms588.0E+09, Ms589.0E+09, Ms590.0E+09, Ms591.0E+09, Ms592.0E+09, Ms593.0E+09, Ms594.0E+09, Ms595.0E+09, Ms596.0E+09, Ms597.0E+09, Ms598.0E+09, Ms599.0E+09, Ms600.0E+09, Ms601.0E+09, Ms602.0E+09, Ms603.0E+09, Ms604.0E+09, Ms605.0E+09, Ms606.0E+09, Ms607.0E+09, Ms608.0E+09, Ms609.0E+09, Ms610.0E+09, Ms611.0E+09, Ms612.0E+09, Ms613.0E+09, Ms614.0E+09, Ms615.0E+09, Ms616.0E+09, Ms617.0E+09, Ms618.0E+09, Ms619.0E+09, Ms620.0E+09, Ms621.0E+09, Ms622.0E+09, Ms623.0E+09, Ms624.0E+09, Ms625.0E+09, Ms626.0E+09, Ms627.0E+09, Ms628.0E+09, Ms629.0E+09, Ms630.0E+09, Ms631.0E+09, Ms632.0E+09, Ms633.0E+09, Ms634.0E+09, Ms635.0E+09, Ms636.0E+09, Ms637.0E+09, Ms638.0E+09, Ms639.0E+09, Ms640.0E+09, Ms641.0E+09, Ms642.0E+09, Ms643.0E+09, Ms644.0E+09, Ms645.0E+09, Ms646.0E+09, Ms647.0E+09, Ms648.0E+09, Ms649.0E+09, Ms650.0E+09, Ms651.0E+09, Ms652.0E+09, Ms653.0E+09, Ms654.0E+09, Ms655.0E+09, Ms656.0E+09, Ms657.0E+09, Ms658.0E+09, Ms659.0E+09, Ms660.0E+09, Ms661.0E+09, Ms662.0E+09, Ms663.0E+09, Ms664.0E+09, Ms665.0E+09, Ms666.0E+09, Ms667.0E+09, Ms668.0E+09, Ms669.0E+09, Ms670.0E+09, Ms671.0E+09, Ms672.0E+09, Ms673.0E+09, Ms674.0E+09, Ms675.0E+09, Ms676.0E+09, Ms677.0E+09, Ms678.0E+09, Ms679.0E+09, Ms680.0E+09, Ms681.0E+09, Ms682.0E+09, Ms683.0E+09, Ms684.0E+09, Ms685.0E+09, Ms686.0E+09, Ms687.0E+09, Ms688.0E+09, Ms689.0E+09, Ms690.0E+09, Ms691.0E+09, Ms692.0E+09, Ms693.0E+09, Ms694.0E+09, Ms695.0E+09, Ms696.0E+09, Ms697.0E+09, Ms698.0E+09, Ms699.0E+09, Ms700.0E+09, Ms701.0E+09, Ms702.0E+09, Ms703.0E+09, Ms704.0E+09, Ms705.0E+09, Ms706.0E+09, Ms707.0E+09, Ms708.0E+09, Ms709.0E+09, Ms710.0E+09, Ms711.0E+09, Ms712.0E+09, Ms713.0E+09, Ms714.0E+09, Ms715.0E+09, Ms716.0E+09, Ms717.0E+09, Ms718.0E+09, Ms719.0E+09, Ms720.0E+09, Ms721.0E+09, Ms722.0E+09, Ms723.0E+09, Ms724.0E+09, Ms725.0E+09, Ms726.0E+09, Ms727.0E+09, Ms728.0E+09, Ms729.0E+09, Ms730.0E+09, Ms731.0E+09, Ms732.0E+09, Ms733.0E+09, Ms734.0E+09, Ms735.0E+09, Ms736.0E+09, Ms737.0E+09, Ms738.0E+09, Ms739.0E+09, Ms740.0E+09, Ms741.0E+09, Ms742.0E+09, Ms743.0E+09, Ms744.0E+09, Ms745.0E+09, Ms746.0E+09, Ms747.0E+09, Ms748.0E+09, Ms749.0E+09, Ms750.0E+09, Ms751.0E+09, Ms752.0E+09, Ms753.0E+09, Ms754.0E+09, Ms755.0E+09, Ms756.0E+09, Ms757.0E+09, Ms758.0E+09, Ms759.0E+09, Ms760.0E+09, Ms761.0E+09, Ms762.0E+09, Ms763.0E+09, Ms764.0E+09, Ms765.0E+09, Ms766.0E+09, Ms767.0E+09, Ms768.0E+09, Ms769.0E+09, Ms770.0E+09, Ms771.0E+09, Ms772.0E+09, Ms773.0E+09, Ms774.0E+09, Ms775.0E+09, Ms776.0E+09, Ms777.0E+09, Ms778.0E+09, Ms779.0E+09, Ms780.0E+09, Ms781.0E+09, Ms782.0E+09, Ms783.0E+09, Ms784.0E+09, Ms785.0E+09, Ms786.0E+09, Ms787.0E+09, Ms788.0E+09, Ms789.0E+09, Ms790.0E+09, Ms791.0E+09, Ms792.0E+09, Ms793.0E+09, Ms794.0E+09, Ms795.0E+09, Ms796.0E+09, Ms797.0E+09, Ms798.0E+09, Ms799.0E+09, Ms800.0E+09, Ms801.0E+09, Ms802.0E+09, Ms803.0E+09, Ms804.0E+09, Ms805.0E+09, Ms806.0E+09, Ms807.0E+09, Ms808.0E+09, Ms809.0E+09, Ms810.0E+09, Ms811.0E+09, Ms812.0E+09, Ms813.0E+09, Ms814.0E+09, Ms815.0E+09, Ms816.0E+09, Ms817.0E+09, Ms818.0E+09, Ms819.0E+09, Ms820.0E+09, Ms821.0E+09, Ms822.0E+09, Ms823.0E+09, Ms824.0E+09, Ms825.0E+09, Ms826.0E+09, Ms827.0E+09, Ms828.0E+09, Ms829.0E+09, Ms830.0E+09, Ms831.0E+09, Ms832.0E+09, Ms833.0E+09, Ms834.0E+09, Ms835.0E+09, Ms836.0E+09, Ms837.0E+09, Ms838.0E+09, Ms839.0E+09, Ms840.0E+09, Ms841.0E+09, Ms842.0E+09, Ms843.0E+09, Ms844.0E+09, Ms845.0E+09, Ms846.0E+09, Ms847.0E+09, Ms848.0E+09, Ms849.0E+09, Ms850.0E+09, Ms851.0E+09, Ms852.0E+09, Ms853.0E+09, Ms854.0E+09, Ms855.0E+09, Ms856.0E+09, Ms857.0E+09, Ms858.0E+09, Ms859.0E+09, Ms860.0E+09, Ms861.0E+09, Ms862.0E+09, Ms863.0E+09, Ms864.0E+09, Ms865.0E+09, Ms866.0E+09, Ms867.0E+09, Ms868.0E+09, Ms869.0E+09, Ms870.0E+09, Ms871.0E+09, Ms872.0E+09, Ms873.0E+09, Ms874.0E+09, Ms875.0E+09, Ms876.0E+09, Ms877.0E+09, Ms878.0E+09, Ms879.0E+09, Ms880.0E+09, Ms881.0E+09, Ms882.0E+09, Ms883.0E+09, Ms884.0E+09, Ms885.0E+09, Ms886.0E+09, Ms887.0E+09, Ms888.0E+09, Ms889.0E+09, Ms890.0E+09, Ms891.0E+09, Ms892.0E+09, Ms893.0E+09, Ms894.0E+09, Ms895.0E+09, Ms896.0E+09, Ms897.0E+09, Ms898.0E+09, Ms899.0E+09, Ms900.0E+09, Ms901.0E+09, Ms902.0E+09, Ms903.0E+09, Ms904.0E+09, Ms905.0E+09, Ms906.0E+09, Ms907.0E+09, Ms908.0E+09, Ms909.0E+09, Ms910.0E+09, Ms911.0E+09, Ms912.0E+09, Ms913.0E+09, Ms914.0E+09, Ms915.0E+09, Ms916.0E+09, Ms917.0E+09, Ms918.0E+09, Ms919.0E+09, Ms920.0E+09, Ms921.0E+09, Ms922.0E+09, Ms923.0E+09, Ms924.0E+09, Ms925.0E+09, Ms926.0E+09, Ms927.0E+09, Ms928.0E+09, Ms929.0E+09, Ms930.0E+09, Ms931.0E+09, Ms932.0E+09, Ms933.0E+09, Ms934.0E+09, Ms935.0E+09, Ms936.0E+09,

14d 11h

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SNA, NVL, SYO, QSPA, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like TAM, STKA, PPT, ASAR, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like AB31, ABK, AKTO, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EOS1, YM12, YM10, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHNS, WGK, RLNB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG, PNIG, TPIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SONMI Songoing Array, NVAR Mila Array, TXAR Lajitas Array, TXAR Chiang Mai Arr, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BUTP Butuan, BIPH Bislig, BUKP Musuan, BUKP Musuan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like JNG Nsakai, MAT Matushiro, JGN Niukaw.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like LKZ Green Lake, GLKZ Green Lake, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like LKZ Green Lake, GLKZ Green Lake, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CMIG Matias Romero, VHO Vista Hermosa, TPIG Tehuacan, PNIG Pinotepa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like DZM Mont Dzumac, TBI Tubuai, PAE Paea, PPT2 Papeete2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GLKZ Green Lake, GLKZ Green Lake, RAO Raoul Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MXZ Matakaoa Point, WMXZ Matakaoa Point, WMXZ Waioamatini S.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like DZM Mont Dzumac, TBI Tubuai, PAE Paea, PPT2 Papeete2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CHOU Chosi, BSO1 Boso 1, BSO3 Boso 3, JFT Otama, JAG Ashikawa, JOD2 Odawara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MOZ McQueen's Vall, EYCW Eyrewell, OXZ Oxford, OXZ Oxford.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, INZ Inchbonnie, INZ Inchbonnie.

14d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, PMG, PAE, PPT2, PPT2, PPT2, PPT2, TVO, VAH, PMOR, FITZ, MAW, GUMO, PLCA, MJAR, NJ2, KSRs, CMAR, CPUP, CD2, LPAZ, KSH, YKA, DBIC, TORD, ARCES, BRTR, FINES, AKASG, AKASG.

MEX 14:35:41.9,0.8,18:61N,102:75W, h61km, 14km, MD3.6, Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMIG, EZSV, R15V, ZIIG, MOIG, SFJM, ARIG, ARIG, CJM, CJM.

SJA 14:14:18:17.5,0.4,31:45S,69:41W, h104km, 9km, ML2.6, MW3.5, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTLS, RTLS, AUSP, ARCO, ARCO.

ISCJB 14:26:55.8,0.5,23:97N,0:01,121:99E,0:02, h10km, 2km, Error ellipse: s-maj=2.6km s-min=1.9km az=42.6

JMA 14:26:55.0,0.2,23:96N,121:95E, h0km, ML2.7
TAP 14:26:56.6,2.4,05N,121:89E, h17km, ML3.2, D
ISC 14:26:55.6,1.0,23:98N,0:02,121:96E,0:02, h11km, 9km, n65, e0573/127, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA, ENLB, TWD, ENAH, ENAH, ENA, ESL, ESL, NNSH, NNSH, NNS, ENTT, ENTT, EHY, TWT, TWT, TWE, TWE, ILA, EGS.

2012 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS, NTC, NTC, NSK, NSK, DPDB, DPDB, SMLT, SMLT, FULB, FULB, TIPB, TIPB, TYC, TYC, JYNG, JYNG, TWB1, TWB1, YUS, YUS, YJO, YJO, LIOB, LIOB, NWF, NWF, WJS, WJS, ALS, ALS, ELDTW, ELDTW, WNT, WNT, WNT, WNT, NSY, NSY, NSY, NSY, TCU, TCU, NMLH, NMLH, NMLH, NMLH, NCUH, NCUH, NCUH, NCUH, TWS1, TWS1, YM10, YM10, YM10, YM10, CHN5, CHN5, PTBS, PTBS, YM03, YM03, YM03, YM03, NTST, NTST, NTST, NTST, WCHH, WCHH, WCHH, WCHH, TWY, TWY, TWY, TWY, WDLH, WDLH, WDLH, WDLH, STYT, STYT, STYT, STYT, CHN4, CHN4, CHN4, CHN4, TWG, TWG, TWG, TWG, CHN2, CHN2, CHN2, CHN2, WTP, WTP, WTP, WTP, CHY, CHY, CHY, CHY, CHN1, CHN1, CHN1, CHN1, WTCT, WTCT, WTCT, WTCT, SGST, SGST, SGST, SGST, WSF, WSF, WSF, WSF, IRIF, IRIF, IRIF, IRIF, EAST, EAST, EAST, EAST, JKRS, JKRS, JKRS, JKRS.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAY, LAY, SCZT, SCZT, SCZT, SCZT, JJJ, JJJ, WDG, WDG, WDG, WDG, JISG, JISG, PNG, PNG, PNG, PNG, KNM, KNM.

ISCJB 14:14:32:18.0,0.5,40:07N,0:04,38:37E,0:03, h8km, 6km, Error ellipse: s-maj=7.1km s-min=3.7km az=157.6
CSEM 14:14:32:17.9,0.1,40:06N,38:36E, h10km, ML2.7, Error ellipse: s-maj=2.6km s-min=2.4km az=153.0
DDA 14:14:32:18.0,40:04N,38:38E, h7km, ML2.7
ISK 14:14:32:18.0,40:11N,38:32E, h18km, ML2.7
ISC 14:14:32:18.4,0.9,40:05N,0:03,38:35E,0:02, h15km, 7km, n28, e068/46, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUSE, SUSE, SUSE, SUSE, CUZAR, CUZAR, CUZAR, CUZAR, KELT, KELT, KELT, KELT, REFA, REFA, REFA, REFA, KEMA, KEMA, KEMA, KEMA, ESPY, ESPY, ESPY, ESPY, SCER, SCER, SCER, SCER, CUKAN, CUKAN, CUKAN, CUKAN, SVSK, SVSK, SVSK, SVSK, ERZN, ERZN, HEKM, HEKM, HEKM, HEKM, PTK, PTK, BAYT, BAYT, BAYT, BAYT, AKOD, AKOD, SAR1, SAR1, YOZ, YOZ, YOZ, YOZ.

ISCJB 14:38:47.9,0.8,40:06N,0:05,38:39E,0:05, h8km, 9km, Error ellipse: s-maj=9.3km s-min=5.3km az=143.7

CSEM 14:38:47.9,0.1,40:06N,38:38E, h12km, ML2.5, Error ellipse: s-maj=3.4km s-min=2.5km az=131.0
ISK 14:38:48.0,40:10N,38:36E, h20km, MD2.8
DDA 14:38:48.6,40:03N,38:34E, h7km, ML2.5
ISC 14:38:48.2,1.0,40:06N,0:03,38:37E,0:04, h15km, 7km, n19, e049/32, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUSE, SUSE, SUSE, SUSE, CUZAR, CUZAR, CUZAR, CUZAR, REFA, REFA, REFA, REFA, KEMA, KEMA, KEMA, KEMA, ESPY, ESPY, ESPY, ESPY, SCER, SCER, SCER, SCER, CUKAN, CUKAN, CUKAN, CUKAN, SVSK, SVSK, SVSK, SVSK, BAYT, BAYT, BAYT, BAYT.

ISK 14:58:05.1,38:70N,43:22E, h5km, ML2.5

CSEM 14:58:06.5,0.2,38:72N,43:14E, h2km, ML2.5, Error ellipse: s-maj=5.8km s-min=3.7km az=88.0
DDA 14:58:06.5,38:70N,43:19E, h7km, ML2.6
ISC 14:58:07.1,1.1,38:72N,0:03,43:16E,0:04, h11km, 8km, n21, e077/31, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB, VANB, VANB, VANB, TVAN, TVAN, TVAN, TVAN, VMUR, VMUR, VMUR, VMUR, GEVA, GEVA, CLDR, CLDR, CLDR, CLDR, CLDR, CLDR.

14d 16h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MANT Manisa, KHALL Karahalli, AKHIS Akhisar, etc.

ISCJB 14 16:01:53.0-0.9,36.1S;0.1-99.9W;0.2,h14km,mb4.1/12, MS3.6/5, Error ellipse: s-maj=24.9km s-min=17.1km az=137.2

IDC 14 16:01:52.5-1.2,36.04S;99.89W,h0km,mb4.2/10, mb1.4/10,mb1mx2.3/4,mbtmp4.1/10,MS3.6/6, Ms1.3.6/6,ms1mx3.3/25,Error ellipse: s-maj=37.6km s-min=23.4km az=25.0

NEIC 14 16:01:53.7-0.6,36.08S;99.87W,h10km,mb4.2/2, Error ellipse: s-maj=19.2km s-min=14.6km az=23.0

ISC 14 16:01:54.4-0.8,36.1S;0.2-99.8W;0.2,h14km,n23, s108/15,mb4.0/12,MS3.4/5, Southeast of Easter Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, PLCA Pasa Flores, USHA Ushuaia, etc.

DJA 14 16:07:29.1-0.5,0°S;7°12'E;h100km,9km,ML3.6/6, MLV3.6/6,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMSI Cibinong, LUWI Luwuk, MRSI Marisa, etc.

WEL 14 16:10:49.4,43.4S;0.9-17°3E;h7km,1km,ML3.6/3, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MGZ Eyrewell, OXZ McQueen's Vall, etc.

IDC 14 16:20:44.3-1.0,24.138N;122.86E,h0km,mb3.5/6, mb1.3/6,mb1mx3.3/9,mbtmp3.5/6,MS2.8/1,Ms1.2/8,1, ms1mx2.4/4, Error ellipse: s-maj=62.4km s-min=19.8km az=68.0

ISCJB 14 16:20:48.6-0.3,24.02N;0.02-122.34E;0.1,h15km,3km, mb3.4/6, Error ellipse: s-maj=2.8km s-min=1.8km az=155.3

JMA 14 16:20:49.0-0.1,24.00N;122.33E,h23km,3km, M3.6 TAP 14 16:20:50.1,24.12N;122.27E,h23km,ML4.0,D ISC 14 16:20:47.0-1.0,24.00N;0.02-122.40E;0.2,h18km,4km,n91,s098/168,mb3.4/6,Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, ENAH Nanao, HWA Hwalien, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, ENLJ Shoufeng, ENLB Nanau, etc.

TWB1 Santiao Chiao 1.07 340 P Pz 16 21 07.6 +0.6

TIPB Shuangji 1.10 332 P Pz 16 21 08.0 +0.5

EHY Hungye 1.10 244 P Pz 16 21 07.8 +0.3

TWT Tachien 1.14 283 eP Pz 16 21 09.2 +0.1

NSK Sanguang 1.16 306 P Pz 16 21 09.0 +0.6

TWF1 Yuli 1.20 328 eP Pz 16 21 09.5 +0.3

NWF Wu-fen Shan 1.20 332 P Pz 16 21 09.8 +0.8

IRIF Iriomote-Funau 1.26 74 S Pz 16 21 12.8 +1.4

FULB Fuli 1.29 232 eP Pz 16 21 10.5 +0.4

HATJ Hateruma jima 1.29 87 P Pz 16 21 13.2 +1.3

CHKT Chengkung 1.30 227 eP Pz 16 21 10.5 +0.2

TAP Taipei 1.31 322 eP Pz 16 21 21.8 +0.7

DPDB Guoxing 1.34 272 P Pz 16 21 11.9 +0.2

SMLT Sun Moon Lake 1.37 265 P Pz 16 21 12.6 +0.3

YM10 YM10 1.38 327 eP Pz 16 21 12.3 +0.9

YM04 YM04 1.39 326 eP Pz 16 21 13.1 +0.6

YM04 YM04 1.40 328 eS Pz 16 21 29.8 +0.2

YM03 YM03 1.41 327 eP Pz 16 21 13.1 +0.2

TWS1 Kuangyinshan 1.41 321 P Pz 16 21 13.2 +0.4

TWS1 Kuangyinshan 1.41 321 P Pz 16 21 13.2 +0.4

TYC Yuchr 1.41 266 eP Pz 16 21 13.0 +0.2

TYC Yuchr 1.41 266 eP Pz 16 21 13.0 +0.2

LIOB LIOB 1.41 297 eS Pz 16 21 13.7 +0.8

YUS Yu-Shan 1.42 249 eP Pz 16 21 13.4 +0.2

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIJ Ishigaki jima, WCHH Zhanguhua, TWG Pinlang, etc.

CHN4 Tsauhan 1.77 249 eP Pz 16 21 19.6 +0.6

WTP Taichuan 1.80 246 eP Pz 16 21 19.7 +0.3

CHN2 Minshung 1.82 256 eP Pz 16 21 20.4 +0.6

JISG Ishigakijimahi 1.84 71 P S Pz 16 21 20.5 +0.4

CHY Chiayi 1.88 255 eP Pz 16 21 21.2 +0.5

CHN1 Nanshi 1.90 245 eP Pz 16 21 21.5 +0.4

SGST Jiashan 1.90 242 eP Pz 16 21 21.1 -0.1

ECL Taimali 1.93 224 eP Pz 16 21 19.8 +0.9

WTCT Ta-ch'eng 1.94 266 eP Pz 16 21 21.6 -0.2

WLBG Puzi 1.99 255 eP Pz 16 21 22.6 -0.1

WSF Szu 2.02 260 eP Pz 16 21 22.8 -0.4

CHN3 Shinhua 2.08 244 eS Pz 16 21 51.0 +1.3

LAY Lan-yu 2.10 202 eS Pz 16 21 46.8 -0.2

TAW Tawu 2.14 220 eP Pz 16 21 23.6 +1.8

EAST Anshuo 2.15 222 eP Pz 16 21 23.1 +1.1

TWM1 Shoushan 2.16 238 eP Pz 16 21 26.3 +0.8

TWM1 Shoushan 2.16 238 eP Pz 16 21 26.3 +0.8

SGLT Jiouru 2.16 234 P Pz 16 21 27.1 -1.4

SGLT Jiouru 2.16 234 P Pz 16 21 27.1 -1.4

SCLT Jiali 2.18 248 eS Pz 16 21 51.7 -0.9

JTJ Tarama 2.20 73 P S Pz 16 21 26.2 0.0

TAI1 Yung-k'ang 2.21 245 eP Pz 16 21 26.3 -0.1

TAI1 Yung-k'ang 2.21 245 eP Pz 16 21 26.3 -0.1

WSSB Gushan 2.38 236 eP Pz 16 21 29.4 0.0

HEN Hengchun 2.51 218 eP Pz 16 21 30.0 -1.4

HEN Hengchun 2.51 218 eP Pz 16 21 30.0 -1.4

TWK1 Hengchun 2.52 216 eP Pz 16 21 28.6 +1.6

TWK1 Hengchun 2.52 216 eP Pz 16 21 28.6 +1.6

WDGT Dungji 2.62 254 eP Pz 16 21 30.3 +1.9

WDGT Dungji 2.62 254 eP Pz 16 21 30.3 +1.9

PNG Penghu 2.64 261 eP Pz 16 21 30.3 +1.6

PNG Penghu 2.64 261 eP Pz 16 21 30.3 +1.6

JIRB Irabujima 2.66 71 P S Pz 16 21 32.6 -1.5

JIRB Irabujima 2.66 71 P S Pz 16 21 32.6 -1.5

JIKM Ikemajima 2.76 70 P S Pz 16 21 34.2 -1.5

JIKM Ikemajima 2.76 70 P S Pz 16 21 34.2 -1.5

KNM Kinmen 3.64 277 eP Pz 16 21 44.7 +2.3

KNM Kinmen 3.64 277 eP Pz 16 21 44.7 +2.3

KRSR Korea Array 14.22 18 LR 16 30 21.5

SOMN Songino Array 26.98 336 P 16 26 27.4 -0.3

MKAR Makanchi Array 39.24 316 P 16 28 14.7 +0.3

ZALV Zalesovo Beam 41.00 327 P 16 28 26.9 -1.9

WRA Waramunga Arr 45.20 164 P 16 29 04.9 +1.8

ASAR Alice Springs 48.68 166 P 16 29 32.9 +2.5

YKA Yellowknife Arr 82.70 23 P 16 33 06.8 -2.5

YKA Yellowknife Arr 82.70 23 P 16 33 06.8 -2.5

ISCJB 14 16:36:22.0-0.6,19°29'N;0°11'21.18"E;0.02,h30km,4km, mb5.3/354,MS5.3/211, Error ellipse: s-maj=2.7km s-min=2.0km az=174.1

NEIC 14 16:36:21.0-0.1,19°20'N;121°16'E,h17km,mb5.5/233, ME5.4,MS5.4/144,MW5.8, Error ellipse: s-maj=3.1km s-min=2.3km az=93.0, Moment Tensor Solution: s54 Moment tensor: Scale 10^17 Nm; Mr3.16; Mw=0.35; Mw=2.80; Mw=0.52; Mw=3.08; Mw=1.13; Best double couple: Mw=5.0000e+17 Np1=0.208,00000, 0.84,00000, 1.81,00000; Np2=0.42,00000, 0.37,00000, 1.02,00000; Principal axes: T 3.3600, P1679.0000; Azm83.0000; N 1.7100, P167.0000; Azm213.0000; P -5.0700, P16.0000; Azm304.0000; Broadband fault plane solution: P waves. Np1=0.57,00000, 0.29,00000, 1.19,00000; Np2=0.205,00000, 0.65,00000, 1.75,00000.

Principal axes: T P167.0000; Azm88.0000; N P16.0000; Azm0.0000; P P169.0000; Azm306.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt [V PIVS] on Calayan Island, [IV PIVS] on Camiguin Island and [III PIVS] at Basco, Batan Island. Felt [III PIVS]

at Atacapan, Aparri, Ballesteros, Claveria, Laoag, Pasuquin, Sanchez-Mira and Santa Praxedes, Luzon. Also felt at Pagudub and Tuguegarao.

GCMT 14 16:36:22.0±0.1, 19:35N, 120:87E, h35km, MW5.8/125, Moment Tensor Solution. s120,c245; s125,c369; Duration: 1s9 Moment tensor: Scale 10^17Nm; M0=4.90±.05; M1=0.63±.04; M2=0.27±.04; M3=1.33±.05; M4=2.46±.03; M5=3.46±.06; Best double couple: M6=39200×10^17 NP1: 3.203,00000°, δ63.00000°, 78.60000°. NP2: 3.31,00000°, δ27.00000°, 137.00000°. Principal axes: T 6.0970, P1g2,0000°, Azm105.0000°; N 0.5860, P1g3,0000°, Azm205.0000°, P 6.6870, P1g1,0000°, Azm296.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 14 16:36:22.0±0.0, 19:12N, 121:02E, h25km, Moment Tensor Solution. s22 Moment tensor: Scale 10^17Nm; M0=4.99; M1=0.87; M2=0.42; M3=1.79; M4=1.93; M5=3.42; Best double couple: M6=30000×10^17 NP1: 3.207,00000°, δ64.00000°, 91.00000°. NP2: 3.23,00000°, δ26.00000°, 187.00000°. Principal axes: T 6.3000, P1g1,0000°, Azm119.0000°; N 0.0200, P1g1,0000°, Azm25.0000°; P 6.3300, P1g1,0000°, Azm295.0000°; MOS 14 16:36:23.4±1.0, 19:29N, 121:21E, h42km, mb5.5/96, MS5.3/67. Error ellipse: s-maj=6.1km s-min=3.8km az=104.9

BUJ 14 16:36:23.7, 19:56N, 120:98E, h22km, mb4.9/11, mb5.5/71, ML5.5/3, MS5.6/92, MS7.5/5/84

IDC 14 16:36:24.6±1.3, 19:18N, 121:26E, h41km±11km, mb4.8/40, mb1.4/8.4/3, mb1mx4.8/2, mbmp5.0/43, ML4.8/3, MS5.2/31, MS1.5/2/31, ms1mx5.1/41, Error ellipse: s-maj=10.6km s-min=7.1km az=76.0

MAN 14 16:36:24, 19:17N, 121:14E, h28km, mb5.9, ML4.9, MS5.5 KLM 14 16:36:25.7, 19:35N, 121:14E, h50km, mb5.7 ISC 14 16:36:25.0±0.4, 19:27N, 121:17E, 0.03, h41km, 3km, h41km±P-P, n1146, e1372/1210, mb5.4/362, MS5.4/211, 31C-45D, Philippine Islands region

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

Main seismic event data table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NUJ, KKM, MYLDM, GYA, etc., and their recorded data.

Table with columns: Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CMAR, BJT, INU, STKI, etc., and their recorded data.

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Table with columns: NEY, NEYtrino, 68.77 310, eP, P, 16 47 26.3 +1.7, etc. Lists various locations and their associated data points.

Table with columns: CCB, Clear Creek Bu, 73.22 27, eP, P, 16 47 51.0 +0.1, etc. Lists various locations and their associated data points.

Table with columns: NACGM, Zarasai, 77.02 325, eP, P, 16 48 12.9 -0.2, etc. Lists various locations and their associated data points.

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SIT	Sitka	81.13	33	eP	P	16 48 36.7 +1.3
SIT	comp=Z,42nm,0.9s				pmax	
SIT	Sitka	81.13	33	eP	P	16 48 36.7 +1.3
XMAS	Kiritimati	81.20	91	eP	P	16 48 37.8 +1.2
DAG	Danmarks Havn	81.20	351	iP	P	16 48 34.8 -0.7
DAG	comp=Z,39nm,1.0s				pmax	
DAG	Danmarks Havn	81.20	351	iP	P	16 48 34.8 -0.7
CJR	Cluj-Napoca	81.24	316	iP	P	16 48 36.2 -0.1
UZH	Uzhgore	81.45	318	iP	P	16 48 36.9 -0.4
UZH	e				S	16 48 57.7
UZH	iPS				PnS	16 59 40.1 +3.0
UZH	eSS				SS	17 03 57.9 -4.2
LOT	Lotru	81.53	315	iP	P	16 48 38.7 +0.7
DRGR	81.79	317	iP	P	P	16 48 40.2 +0.9
STHS	Stebnicka Huta	81.83	319	eP	P	16 48 41.8 +2.4
STHS	comp=Z,10.0nm,1.2s				pmax	
STHS	Stebnicka Huta	81.83	319	eP	P	16 48 41.8 +2.4
CRVS	Cervenica-Dubn	81.88	319	eP	P	16 48 41.3 +1.7
CRVS	81.88	319	eP	P	P	16 48 41.3 +1.7
ABPO	Ambohimpalom	81.90	247	eP	P	16 48 40.2 -0.2
ABPO	comp=Z,25nm,0.8s				pmax	
ABPO	Ambohimpalom	81.90	247	eP	P	16 48 40.2 -0.2
ABPO	comp=Z,25nm,0.8s				pmax	
ABPO	Ambohimpalom	81.90	247	eP	P	16 48 40.2 -0.2
ABPO	comp=Z,25nm,0.8s				pmax	
DEV	Deva	81.96	316	iP	P	16 48 40.7 +0.6
KARP	Karpathos	82.19	305	eP	P	16 48 41.3 -0.3
PGB	Panagyurishte	82.19	312	iP	P	16 48 41.2 -0.2
MPER	Malo Peshtene	82.20	313	iP	P	16 48 42.1 +0.6
NC405	NORSAR Array S	82.30	332	eP	P	16 48 40.9 -0.7
NC303	NORSAR Array S	82.40	333	eP	P	16 48 40.8 -1.3
NIE	Niedzica	82.41	320	eP	P	16 48 43.6 +1.2
NIE	82.41	320	eP	P	P	16 48 43.6 +1.2
OJC	Ojcow	82.43	321	eP	P	16 48 43.1 +0.6
OJC	82.43	321	eP	P	P	16 48 43.1 +0.6
OJC	Ojcow	82.43	321	eP	P	16 48 42.3 -0.1
OJC	comp=Z,21nm,0.8s				pmax	
NB201	NORSAR Array S	82.51	333	eP	P	16 48 41.6 -1.1
NC602	NORSAR Array S	82.55	332	eP	P	16 48 41.8 -1.0
NB2	NORSAR Subarra	82.55	333	eP	P	16 48 42.3 -0.6
NB2	comp=Z,14nm,0.8s,baz=64,slow=5.3				pmax	
NB2	NORSAR Subarra	82.55	333	eP	P	16 48 42.3 -0.6
NOA	NORSAR Array B	82.55	333	eP	P	16 48 42.5 -0.4
NOA	comp=Z,7.8nm,0.7s,baz=64,slow=5.0,SNR=28				LR	17 28 35.5
NOA	NORSAR Array B	82.55	333	eP	P	16 48 42.5 -0.4
NOA	comp=Z,7.8nm,0.7s,baz=64,slow=5.0,SNR=28				LR	17 28 35.5
HERR	Herculiane	82.62	315	iP	P	16 48 44.3 +0.7
KECS	Kecevo	82.63	319	eP	P	16 48 43.7 +0.2
KECS	comp=Z,6.0nm,0.9s				pmax	
KECS	Kecevo	82.63	319	eP	P	16 48 43.7 +0.2
KECS	comp=Z,6.0nm,0.9s				pmax	
NC204	NORSAR Array S	82.64	333	eP	P	16 48 43.2 -0.2
NB000	NORSAR Array S	82.75	333	eP	P	16 48 43.0 0.0
NA001	NORSAR Array S	82.75	333	eP	P	16 48 43.5 -0.6
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	comp=Z,41nm,1.2s				pmax	
VTS	Vitosha	82.85	313	iP	P	16 48 45.4 +0.4
VTS	82.85	313	iP	P	P	16 48 45.4 +0.4
V						

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like X47A, 341A, Y46A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SOTA, VILAV, OTAV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ANWB, Willy Bob, ANWB, etc.

ISCJB 14 16:44:38.9,0.9,51.42N,0.04,16.17E,0.05,h0km,Error ellipse: s-maj=6.3km,s-min=3.9km,az=24.8

CSEM 14 16:44:40.2,0.4,51.42N,16.19E,h2km,ML2.8/8,Error ellipse: s-maj=6.8km,s-min=3.6km,az=12.0

ISC 14 16:44:39.4,1.4,51.48N,0.06,16.26E,0.04,h0km,n26,0.05750,Poland

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

MTP Monte Pirata 3.78 276 ePn Sn 16 46 01.8 +0.5

SLB Belford 3.96 172 ePn Sn 16 46 02.9 -1.0

SLB Belford 3.96 172 ePn Sn 16 46 06.1 +2.3

HUMP Col San Antoni 4.07 276 ePn Sn 16 46 06.0 +0.7

HUMP Canovanas 4.08 278 ePn Sn 16 46 55.6 +3.6

CBYP Canovanas 4.08 278 ePn Sn 16 46 07.1 +1.1

MCLT Moule a Chique 4.08 171 ePn Sn 16 46 07.8 +2.1

MCLT Moule a Chique 4.08 171 ePn Sn 16 46 07.9 +2.3

SJG San Juan 4.35 275 Pn Sn 16 46 10.7 +1.6

SJG San Juan 4.1m,0.3s,baz=108,slow=14,SNR=48

SJG Trois Ilets 3.26 171 ePn Sn 16 46 32.7 +1.0

H05S1 Guadeloupe/Mar 3.41 167 Pn Sn 16 45 55.0 -1.2

H05S1 SNR=70 3.78 276 ePn Sn 16 46 35.6 -0.1

MTP Monte Pirata 3.78 276 ePn Sn 16 46 01.8 +0.5

SLB Belford 3.96 172 ePn Sn 16 46 02.9 -1.0

SLB Belford 3.96 172 ePn Sn 16 46 06.1 +2.3

HUMP Col San Antoni 4.07 276 ePn Sn 16 46 06.0 +0.7

HUMP Canovanas 4.08 278 ePn Sn 16 46 55.6 +3.6

CBYP Canovanas 4.08 278 ePn Sn 16 46 07.1 +1.1

MCLT Moule a Chique 4.08 171 ePn Sn 16 46 07.8 +2.1

MCLT Moule a Chique 4.08 171 ePn Sn 16 46 07.9 +2.3

SJG San Juan 4.35 275 Pn Sn 16 46 10.7 +1.6

SJG San Juan 4.1m,0.3s,baz=108,slow=14,SNR=48

SJG Trois Ilets 3.26 171 ePn Sn 16 46 32.7 +1.0

H05S1 Guadeloupe/Mar 3.41 167 Pn Sn 16 45 55.0 -1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHTX Lake Whitney, JCT Junction City, WMOK Wichita Mount, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, AFI Seymchi, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFJ Kawachi, ONAJ Iwakimizuishiy, JIO Ouri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND HY 26.28 124 T, H1N1 WAKE ISLAND HY 26.27 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N3 WAKE ISLAND HY 26.28 124 T, SEY Seymchi, H1S1 WAKE ISLAND HY 27.02 127 T, etc.

ASAR Alice Springs 61.02 191 P 17 00 44.0 +0.4
YKA Yellowknife Ar 62.82 31 P 17 00 54.4 -0.8
ISK 14 17:01:13.1, 38:64N:43:20E, h5km, MD2.7
CSEM 14 17:01:14.8, 0.1, 38:65N:43:16E, h2km, MD2.7, Error ellipse: s-maj=4.0km s-min=3.0km az=132.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VANB Van, YVAN Van, YVAN Van, etc.

MAN 14 17:01:37, 9:18N x 125:54E, h59km, mb3.5, ML2.2, MS1.6, 1C, Mindanao
Code Station Name Az AzZ Phase ID Time Res h m s ISC
BUTP Butuan 0.22 159 Op ISC 17 01 48.2 +1.7

ISC 14 17:03:36.5, 1.3, 30:05S:0:04:69:55W, 0:06, h118km, 14km, Error ellipse: s-maj=8.6km s-min=5.9km az=149.2
GUC 14 17:03:36.0, 0.6, 29:88S:69:75W, h132km, 6km, ML3.6
SJA 14 17:03:36.2, 0.4, 30:10S:69:42W, h131km, 6km, ML3.5, MW3.9

ISC 14 17:03:36.9, 2.5, 30:06S:0:04:69:57W, 0:05, h117km, 25km, n14, 0:09:67:23, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G004 Tololo Observa, TLL Tololo Astrono, AGUA GUAIACOL, etc.

ISC 14 17:09:11.0, 1.1, 19:18N:121:67E, h0km, mb3.4/5, mb1 3.7/9, mb1mx3.4/31, mbtmp3.4/6, ML3.4/1, Error ellipse: s-maj=55.6km s-min=20.9km az=82.0

ISC 14 17:09:13.0, 0.8, 19:36N:121:15E, 0:10, h10km, mb3.4/5, Error ellipse: s-maj=13.5km s-min=6.6km az=170.4

MAN 14 17:09:15, 19:24N:121:24E, h0km, mb5.0, ML4.0, MS4.1
ISC 14 17:09:13.0, 0.9, 19:32N:121:2E, 0:11, h10km, n14, 0:16:11:15, mb3.4/5, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGCP Mt. Cagua, APYP Conner, CVP Callao Caves, etc.

ISC 14 17:29:18.4, 6.1, 5:68S:130:99E, h65km, 56km, mb3.7/6, mb1 4.0/9, mb1mx3.6/32, mbtmp4.1/9, ML4.0/3, Error ellipse: s-maj=61.0km s-min=18.9km az=56.0
ISCJBJ 14 17:29:24.0, 0.3, 5:87S:0:03:130:90E:0:04, h150km, mb4.6/14, Error ellipse: s-maj=6.2km s-min=3.6km az=159.3

NEIC 14 17:29:24.7, 0.6, 5:82S:130:85E, h128km, 6km, mb4.4/17, Error ellipse: s-maj=7.5km s-min=5.0km az=60.0
DJA 14 17:29:24.8, 0.4, 6:5:2:13:1E, h143km, 7km, M4.5/10, mb5.0/1, mb4.4/4, MLV4.0/10, MW(MB)4.4/1

ISC 14 17:29:25.0, 0.5, 5:84S:0:04:130:90E:0:06, h150km, n68, 0:23:37/6, mb4.4/14, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saumlaki, etc.

MAN 14 17:01:37, 9:18N x 125:54E, h59km, mb3.5, ML2.2, MS1.6, 1C, Mindanao
Code Station Name Az AzZ Phase ID Time Res h m s ISC
BUTP Butuan 0.22 159 Op ISC 17 01 48.2 +1.7

ISC 14 17:03:36.5, 1.3, 30:05S:0:04:69:55W, 0:06, h118km, 14km, Error ellipse: s-maj=8.6km s-min=5.9km az=149.2
GUC 14 17:03:36.0, 0.6, 29:88S:69:75W, h132km, 6km, ML3.6
SJA 14 17:03:36.2, 0.4, 30:10S:69:42W, h131km, 6km, ML3.5, MW3.9

ISC 14 17:03:36.9, 2.5, 30:06S:0:04:69:57W, 0:05, h117km, 25km, n14, 0:09:67:23, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASO1 Charters Tower, MBWA Marble Bar, KKM Kota Kinabalu, SMRI Semarang, etc.

JMA 14 17:35:35.1, 0.3, 42:52N:139:17E, h11km, 4km, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOSH Shimam, JYM2 Yakumo 2, JYM2 Yakumo 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAO Raoul Island, URZ Urewera, DZM Mont Dzumac, etc.

ISC 14 18:45:49.6,0.9,23.27N:64.60E,h0km,mb4.0/20, mb1.4/0.22,mb1mx3.9/57,mbmp4.0/22,ML3.9/2,MS3.5/1, Ms1.3/5.1,ms1mx2.7/47,Error ellipse: s-maj=20.5km s-min=15.5km az=4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BHJ Bhuj, WBK Wadi Bani Khal, WSAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ANOM SHME Shamm, ALNE Al Ain, ALNE Al Ain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include HHC HHC, ABPO Ambohimpanom, FIAO FIAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

ISC 14 18:48:36.1,0.7,11.00N:123.97E,h0km,mb3.9/14, mb1.4/0.14,mb1mx3.7/53,mbmp3.8/14,MS3.3/2, Ms1.3/3.2,ms1mx2.8/47,Error ellipse: s-maj=35.9km s-min=14.7km az=71.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OCLP Ormoc, BESP Borongan, LLLP Lapu-Lapu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NACB, KS15, BOS, ILAR, etc.

NIED 14 20:32:00.38;20N,141.90E,h56km,Mw3.7 Best double couple: M4,17000,-1014, NP1:~121.00000°,R35,00000°,L77,00000°. NP2:~316.00000°,R56,00000°,L99,00000°. ISCJBA 14 20:32:37.7;1.1,38.27N;0.04:142.0E;0.1,h53km,7km,mb3.5/7,Error ellipse: s-maj=16.7km s-min=5.8km az=13.7

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

NIED 14 20:36:00.27;20N,129.30E,h35km,Mw4.2 Best double couple: M1,96000,-1015, NP1:~269.00000°,R17,00000°,L133,00000°. NP2:~44.00000°,R78,00000°,L78,00000°. ISCJBA 14 20:36:09.0;0.5,27.23N;0.03:129.32E;0.04,h40km,4km,mb3.7/21,MS3.6/5,Error ellipse: s-maj=6.4km s-min=3.9km az=36.5

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

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

PDG 14 20:41:59.9;0.1,40.72N;19.22E,h12km,ML2.7/11,Error ellipse: s-maj=0.2km s-min=0.4km az=0.0 TIR 14 20:41:59.0;0.4,60.3N;19.23E,h44km,ML3.4 ROM 14 20:42:00.5;0.3,40.65N;19.20E,h5km,M2.6/4,M2.6/4,Error ellipse: s-maj=4.3km s-min=3.6km az=147.0

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

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

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

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

14d 22h

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

ISCJB 14 21:20:09.5, 0.2, 24.9N, 0.1x125.37E, 0.08, h49km, 5km, mb3.0/9, MS3.2/1, Error ellipse: s-maj=24.0km

JMA 14 21:20:09.3, 0.1, 24.82N, 125.39E, h50km, 1km, M3.5 JMA Fell 1 J1.

IDC 14 21:20:19.6, 12.0, 25.42N, 124.65E, h75km, 113km, mb3.3/9, mb1 3.6/9, mb1mx3.3/43, mbtmp3.7/9, MS3.1/2, Ms1 3.1/2, ms1mx2.7/19, Error ellipse: s-maj=37.3km

ISC 14 21:20:09.6, 1.1, 24.28N, 0.1x125.44E, 0.06, h45km, 5km, n29, c097/33, mb3.7/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOGS Gusukube, JMJC Miyako jima 2, JMJC Ikemajima, etc.

ISCJB 14 21:21:10.7, 0.5, 25.0N, 0.1x125.32E, 0.07, h47km, 5km, mb3.7/11, MS2.7/1, Error ellipse: s-maj=19.0km

JMA 14 21:21:10.7, 0.1, 24.80N, 125.38E, h48km, 1km, M3.5 IDC 14 21:21:29.1, 9.1, 25.68N, 124.83E, h157km, 86km, mb3.3/11, mb1 3.5/11, mb1mx3.3/45, mbtmp3.8/11, MS2.7/2, Ms1 2.8/2, ms1mx2.5/22, Error ellipse: s-maj=29.9km

ISC 14 21:21:11.6, 0.8, 24.93N, 0.1x125.32E, 0.07, h42km, 6km, n26, c1502/31, mb3.8/11, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIKM Ikemajima, JMJC Miyako jima 2, JIRB Irabujima, etc.

2012 JAN

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

MEX 14 21:21:37.0, 0.6, 17.37N, 103.63W, h17km, 5km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, R15V R15V, EZ5V EZ5V, etc.

GUC 14 21:30:58.6, 0.5, 36.19S, 73.64W, h7km, 2km, ML3.6, 4D, Near coast of central Chile

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

IDC 14 21:36:45.2, 2.7, 5.77N, 123.34E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.2/35, mbtmp3.4/3, MS3.1/1, Ms1 3.1/1, ms1mx2.4/20, Error ellipse: s-maj=352.8km

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, etc.

DJA 14 21:38:20.0, 0.6, 10.59S, 111.3E, h69km, 3km, M3.8/13, mb4.2/1, MLV3.5/13, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI Jagaj, Banyuana, BLJI Banyulungga, etc.

DJA 14 21:53:50.3, 1.0, 8.5S, 17x117E, h146km, 20km, M4.5/9, mb4.5/1, MLV4.4/9

IDC 14 21:54:04.3, 4.3, 7.98S, 119.02E, h110km, 33km, mb3.4/6, mb1 3.6/6, mb1mx3.4/33, mbtmp3.6/6, Error ellipse: s-maj=67.5km s-min=9.7km az=52.0

ISCJB 14 21:54:05.2, 0.7, 8.58S, 0.1x118.34E, 0.09, h152km, mb3.6/6, Error ellipse: s-maj=16.5km s-min=7.5km az=38.8

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

NEIC 14 22:02:29.9, 0.0, 15.59N, 95.77W, h33km, MD4.1 (MEX), After MEX.

MEX 14 22:02:29.9, 0.9, 15.59N, 95.77W, h33km, 49km, MD4.1, Near coast of Oaxaca

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

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

NIED 14 22:12:00.35, 40N, 137.30E, h53km, Mw3.6 Best double couple: M2.38000x10^14 NP1=208.00000, 859.00000, lambda=32.00000. NP2=316.00000, 663.00000, lambda=145.00000.

JMA 14 22:12:45.7, 35.36N, 137.26E, h51km, M3.6, 2C-4D Broadband fault plane solution: P waves. NP1: phi=326.00000, 367.00000, lambda=133.00000. NP2: phi=213.00000, 348.00000, lambda=32.00000. Principal axes: P1g11.00000, Azm86.00000, N Plg39.00000, Azm47.00000, P Plg49.00000, Azm189.00000, Eastern

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

IDC 14 22:15:54.0, 0.1, 0.527N, 61.52E, h0km, mb3.6/7, mb1 3.9/7, mb1mx3.6/41, mbtmp3.6/7, MS3.6/21, Ms1 3.6/21, ms1mx3.4/45, Error ellipse: s-maj=34.4km s-min=25.0km az=6.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

DJA 14 22:26:23.6, 0.6, 9.5S, 17x117E, h269km, 6km, M3.7/7, mb4.5/1, mb3.9/4, MLV3.6/7, Mw(mb)3.7/1, Sumbawa region

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

IDC 14 22:46:28.1, 2.0, 44.48N, 129.88W, h0km, mb3.1/3, mb1 3.5/6, mb1mx3.2/50, mbtmp3.2/6, ML3.0/3, MS3.1/8, Ms1 3.1/8, ms1mx3.0/14, Error ellipse: s-maj=42.9km s-min=23.9km az=45.0

ISCJB 14 22:46:29.3, 1.4, 44.6N, 0.1x129.8W, 0.2, h15km, mb3.2/2, MS3.2/3, Error ellipse: s-maj=27.1km s-min=14.9km az=143.9

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bella Bella, Newport, Mina Array Bea, etc.

ISC 14 22:49:26.2 0.9, 13.13N:92.27E, h0km, mb3.6/10, mb1 3.8/11, mb1mx3.5/47, mbtmp3.6/11, ML3.3/1, Error ellipse: s-maj=31.1km s-min=19.5km az=46.0

ISC 14 22:49:29.0 0.8, 13.33N:0.1x92.55E:0.09, h29km, mb3.6/10, Error ellipse: s-maj=16.8km s-min=12.4km az=158.6

ISC 14 22:49:31.0 1.0, 13.33N:0.1x92.55E:0.1, h29km, n11, a150/12, mb3.7/10, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, CMAR, MKAR, etc.

ISC 14 22:51:26.3 1.0, 1.27N:121.64E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.5/40, mbtmp3.8/5, ML4.1/1, Error ellipse: s-maj=112.2km s-min=18.2km az=67.0

ISC 14 22:51:30.0 0.5, 1.39N:0.05x121.78E:0.07, h33km, mb3.7/4, Error ellipse: s-maj=9.8km s-min=6.3km az=158.4

DJA 14 22:51:31.6 0.6, 1.1N:6.12x2.2E, h125km, 18km, M4.2/7, ML4.2/7

ISC 14 22:51:32.4 0.8, 1.37N:0.07x121.63E:0.06, h35km, n24, a254/23, mb3.7/4, Minahasa Peninsula, Sulawesi

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

JMA 14 22:55:14.4 0.1, 37.55N:141.84E, h23km, 2km, M3.5, Near east coast of eastern Honshu

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

ISC 14 23:06:07.6 1.5, 44.9N:0.1x129.3W:0.2, h10km, mb3.2/2, MS3.0/2, Error ellipse: s-maj=26.9km s-min=14.6km az=147.6

ISC 14 23:06:09.2 1.7, 44.9N:0.1x129.3W:0.2, h10km, n14, a192/9, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Yreka Blue Hor, NEW, NVAR, etc.

DJA 14 23:19:05.6 0.7, 0.0N:6.12x3.2E, h112km, 13km, M3.6/6, ML3.6/6, Minahasa Peninsula, Sulawesi

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

ISC 14 23:28:49.4 7.2, 17.80S:174.96E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.6/27, mbtmp3.8/3, Error ellipse: s-maj=325.8km s-min=37.2km az=145.0, Fiji Islands region

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

ISC 14 23:37:05.8 9.8, 20.70S:177.87W, h361km, 99km, mb2.8/5, mb1 3.2/5, mb1mx3.0/29, mbtmp3.5/5, Error ellipse: s-maj=145.1km s-min=30.4km az=158.0, Fiji Islands region

ISC 14 23:40:57.2 2.2, 2.14N:126.17E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/41, mbtmp3.3/3, Error ellipse: s-maj=186.6km s-min=27.1km az=65.0, Northern Molucca Sea

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

ISC 14 23:58:35.7 0.7, 7.64S:107.97E, h0km, mb3.8/12, mb1 3.9/12, mb1mx3.8/46, mbtmp3.8/12, Error ellipse: s-maj=31.9km s-min=15.7km az=48.0

ISC 14 23:58:43.8 0.5, 7.99S:0.06x107.96E:0.03, h70km, mb4.0/15, Error ellipse: s-maj=9.3km s-min=3.9km az=25.8

NEIC 14 23:58:44.8 0.6, 7.67S:108.05E, h69km, 6km, mb4.0/4, Error ellipse: s-maj=17.3km s-min=6.7km az=48.0

DJA 14 23:58:44.4 0.6, 5.4N:110.8E, h28km, 4km, M4.5/14, mb5.4/1, mb4.4/2, ML4.5/14, Mw(m)4.9/1

ISC 14 23:58:44.6 0.6, 7.91S:0.09x107.96E:0.05, h70km, n40, a139/43, mb4.0/15, Jawa

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISC 14 23:59:32.0 7.4, 16.04S:168.06E, h166km, 76km, mb3.7/5, mb1 3.8/6, mb1mx3.4/31, mbtmp4.1/6, Error ellipse: s-maj=73.5km s-min=35.4km az=162.0

ISC 14 23:59:31.9 1.7, 16.1S:0.1x168.2E:0.3, h177km, n8, a117/9, mb3.9/4, Vanuatu Islands

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

GUC 15 00:00:21.0 0.5, 20.96S:69.34W, h93km, 2km, ML3.7, 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 15 00:02:27.0 2.9, 32.56S:178.49W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/21, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=71.7km s-min=45.2km az=122.0, South of Kermadec Islands

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

ISC 15 00:05:52.8 0.5, 39.90N:0.02x42.98E:0.04, h12km, 4km, Error ellipse: s-maj=5.5km s-min=4.0km az=163.8

CSEM 15 00:05:52.7 0.2, 39.91N:42.97E, h15km, MD2.9, Error ellipse: s-maj=5.4km s-min=4.6km az=83.0

DDA 15 00:05:52.7, 39.90N:42.96E, h7km, MD2.9, Error ellipse: s-maj=5.5km s-min=4.6km az=83.0

ISK 15 00:05:52.0, 39.93N:42.97E, h10km, MD2.9, Error ellipse: s-maj=5.5km s-min=4.6km az=83.0

ISC 15 00:05:52.6 0.2, 39.91N:0.02x42.99E:0.02, h6km, 1km, n30, a05/75/47, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAKZ Makanchi, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

ISC 15 03:29:01.6:3.4, 36'00N:141'89E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.3/3, mbtmp3.3/4, ML3.0/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/17, Error ellipse: s-maj=94.8km s-min=27.5km az=55.0

ISC 15 03:29:09.7:1.0, 35'52N:06'141'1E:0.1, h33km, mb3.4/3, MS3.2/1, Error ellipse: s-maj=15.1km s-min=6.6km az=158.8

JMA 15 03:29:10.5:0.1, 35'54N:140'98E, h35km, 1km, M2.8, ISC 15 03:29:10.0:1.2, 35'50N:05'141'1E:0.1, h33km, n21, +1512'17, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHOU Chosi, BS04 Boso 4, BS03 Boso 3, etc.

ISC 15 03:34:46.2:2.3, 6'16N, 72'88W, h154km, 22km, mb2.9/3, mb1 3.2/4, mb1mx3.0/27, mbtmp3.4/4, Error ellipse: s-maj=30.0km s-min=26.6km az=64.0

ISC 15 03:34:47.3:0.7, 6'73N:04'47.3, 18W:0.05, h148km, 5km, mb3.2/3, Error ellipse: s-maj=8.6km s-min=7.2km az=178.0

RSNC 15 03:34:49.1:0.9, 6'68N:73'18W, h139km, 5km, ML3.3, ISC 15 03:34:47.0:0.8, 6'72N:05'73.14W:0.06, h149km, 6km, n23, +1913/33, mb3.1/3, 1C, Northern Colombia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PAMC La Rusia, PUERTO BERRIO, OYAC Ocana, etc.

ISC 15 03:38:44.0:1.0, 2'5N:01'1.939E:01', h17km, mb3.8/5, Error ellipse: s-maj=24.9km s-min=16.2km az=42.9

ISC 15 03:38:43.6:1.7, 2'52N:93'95E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.5/49, mbtmp3.8/7, ML4.3/2, Error ellipse: s-maj=6.1km s-min=2.1, 1km az=54.0

ISC 15 03:38:45.8:1.3, 2'5N:02'93.9E:0.2, h17km, n7, +0996/7, mb3.9/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALK Pallekele, CMAR Chiang Mai Arr, etc.

WEL 15 03:40:50.0:44'S:1'17'3E', h10km, 1km, ML3.8/4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CR LZ Canterbury Las, MOZ McQueen's Vall, etc.

ISC 15 03:46:08.5:3.8, 4.64S:152'03E, h0km, mb3.0/2, mb1 3.3/2, mb1mx3.0/33, mbtmp3.0/2, Error ellipse: s-maj=167.6km s-min=46.9km az=118.0, New Britain region

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

DJA 15 03:52:22.9:0.6, 2'N:4'10'0E', h25km, 5km, ML3.6/9, ML3.6/9, Northern Sumatra

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

ISC 15 04:03:01.9:1.2, 37'01N:07'144E:1', h33km, mb3.5/4, MS3.1/1, Error ellipse: s-maj=14.2km s-min=7.9km az=151.3

JMA 15 04:03:03.5:0.2, 37'05N:143'97E, h45km, M3.7, ISC 15 04:03:02.2:9.6, 36'29N:143'90E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/36, mbtmp3.4/5, ML3.3/1, MS3.2/1, Ms1 3.2/1, ms1mx2.3/26, Error ellipse: s-maj=83.6km s-min=24.8km az=59.0

ISC 15 04:03:09.1:7.36, 98N:07'144E:0.1, h35km, n19, +1915/19, mb3.5/4, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Makanchi Array, JOT Ohata, H1S1 WAKE ISLAND Hy, etc.

ISC 15 04:10:12.0:2.0, 5.39'06N:0'03:29'09E:0.03, h10km, 3km, Error ellipse: s-maj=5.6km s-min=4.0km az=153.4

DDA 15 04:10:12.0:12.0, 39'07N:29'06E, h7km, M2.5, ISC 15 04:10:11.1, 39'11N:29'10E, h5km, M2.8, Error ellipse: s-maj=3.3km s-min=2.3km az=151.0

ISC 15 04:10:12.2:0.6, 39'08N:0'03:29'07E:0.02, h11km, 6km, +0542/54, 1C-2D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, DEMI Demirci, etc.

ISC 15 04:11:39.4:1.1, 17'93S:172'35W, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.9/26, mbtmp3.9/8, ML3.6/1, MS3.1/3, Ms1 3.1/3, ms1mx2.8/34, Error ellipse: s-maj=45.9km s-min=19.2km az=134.0

NEIC 15 04:11:40.8:0.6, 17'87S:172'41W, h10km, mb4.0/2, Error ellipse: s-maj=21.7km s-min=9.7km az=128.0

ISC 15 04:11:41.7:0.9, 17'65S:1'172'6W:0.2, h21km, mb4.0/9, MS3.0/2, Error ellipse: s-maj=27.6km s-min=9.5km az=31.4

ISC 15 04:11:42.8:0.9, 17'75S:0'1172'5W:0.2, h21km, n16, +1834/14, mb4.1/9, Tonga Islands region

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

MEX 15 04:15:10.7:0.5, 18'16N:99'99W, h112km, 6km, M3.6, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARIG Puente Sto Nin, ARIG Mezcala, etc.

15d 5h

ISC 15 04:18:49.5:0.9,38.70N:0'02:43.16E:0'02,h16km,7km, n52,c083/68,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VANB, ERV, GEVA, etc.

ISC 15 04:19:22.1,38'92N:43'53E,h5km,ML2.9 DDA 15 04:19:23.5,38'91N:43'57E,h5km,ML2.8

ISCJB 15 04:19:24.0:0.3,38.94N:0'03:43.52E:0'05,h9km,4km, Error ellipse: s-maj=7.2km s-min=4.2km az=9.7

CSEM 15 04:19:24.1:0.2,38'93N:43'53E,h5km,ML2.8, Error ellipse: s-maj=5.3km s-min=3.4km az=100.0

ISC 15 04:19:24.3:0.8,38'95N:0'02:43.54E:0'03,h8km,5km, n32,c1933/46,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VMUR, ERV, GEVA, etc.

ISC 15 04:26:37.1:9.2,7'00S:128'34E,h298km,107km,mb2.1, mb1.2.8/4,mb1mx2.7/33,mbtmp3.5/4, Error ellipse: s-maj=78.6km s-min=36.7km az=48.0,Banda Sea

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

ISC 15 04:39:36.8:2.0,8'50S:129'84E,h0km,mb3.3/1, mb1.3/3,mb1mx3.2/33,mbtmp3.2/3,ML3.3/2, Error ellipse: s-maj=127.5km s-min=27.4km az=67.0,Timor Sea

2012 JAN

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

GUC 15 05:18:34.8:0.7,36'28S:73'12W,h25km,2km,ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like COCH, CCHI, GOOS, NICH, TMU, etc.

IDC 15 05:20:23.9:1.2,6'26S:150'65E,h0km,mb3.9/6, mb1.4/2,7,mb1mx3.8/29,mbtmp3.9/7,ML2.1/1,MS3.5/2, Ms1.3/5,ms1mx2.8/20, Error ellipse: s-maj=66.9km s-min=21.0km az=130.5

ISCJB 15 05:20:27.0:7.0,6'35S:150'5E:0'2,h33km,mb3.7/5, MS3.5/2, Error ellipse: s-maj=34.5km s-min=11.6km az=42.7

NEIC 15 05:20:29.3:0.7,6'29S:150'60E,h35km,mb4.1/1, Error ellipse: s-maj=26.9km s-min=10.3km az=127.0

ISC 15 05:20:29.2:1.0,6'35S:150'5E:0'2,h33km,n14, e134/15,mb3.8/5,New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PMG, COEN, WRA, ASAR, STKA, FITZ, MJAR, PALK, ILAR, NVAR, TORD, etc.

CSEM 15 05:32:40.4:0.1,46'62N:13'83E,h15km,ML1.2/8, Error ellipse: s-maj=2.5km s-min=1.5km az=5.0

LJU 15 05:32:40.4:0.4,46'61N:13'83E,h13km,ML0.6 VIE 15 05:32:40.3:0.3,46'62N:13'83E,h14km,2km,ML1.0/5, Error ellipse: s-maj=4.5km s-min=1.6km az=7.0,Austria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MYKA, MYKA, MYKA, GORS, CADS, CADS, CADS, ROBS, ROBS, OBKA, OBKA, OBKA, MOZS, MOZS, MOZS, CRNS, CRNS, CRNS, SOKA, SOKA, SOKA, PERS, PERS, ABTA, ABTA, ABTA, ABTA, etc.

VIE 15 05:33:20.7:0.5,45'80N:11'00E,h6km,mb1.9/6,ML2.2/11, Error ellipse: s-maj=3.7km s-min=2.0km az=18.0 CSEM 15 05:33:20.3:0.1,45'78N:10'99E,h15km,ML2.7/15, Error ellipse: s-maj=2.1km s-min=1.6km az=33.0 ROM 15 05:33:20.3:0.1,45'76N:10'99E,h10km,2km,MD2.3/12, ML2.0/13, Error ellipse: s-maj=2.6km s-min=1.2km az=30.0 ISC 15 05:33:20.5:0.6,45'78N:10'99E:0'02,h12km,6km, n70,c054/109,1C-4D,Northern Italy

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ROVR, BALD, MARN, MARN, MAGA, MAGA, RNI, RNI, PANI, PANI, MABI, MABI, MABI, MABI, CGRP, CGRP, CGRP, CGRP, OZOL, OZOL, OZOL, OZOL, TEOL, TEOL, TEOL, TEOL, CARE, CARE, CARE, CARE, APPI, APPI, APPI, APPI, KOSI, KOSI, KOSI, KOSI, MTLO, MTLO, MTLO, MTLO, VARN, VARN, VARN, VARN, BRMO, BRMO, BRMO, BRMO, MOSI, MOSI, MOSI, MOSI, AGOR, AGOR, AGOR, AGOR, ACOR, ACOR, ACOR, ACOR, ABST, ABST, ABST, ABST, CAE, CAE, CAE, CAE, POLC, POLC, POLC, POLC, CIMO, CIMO, CIMO, CIMO, ROSI, ROSI, ROSI, ROSI, FETA, FETA, FETA, FETA, FETA, FETA, FETA, FETA, STAL, STAL, STAL, STAL, STAL, STAL, STAL, STAL, RISI, RISI, RISI, RISI, RISI, RISI, RISI, RISI, ABTA, ABTA, ABTA, ABTA, ABTA, ABTA, ABTA, ABTA, CLUD, CLUD, CLUD, CLUD, MOTA, MOTA, MOTA, MOTA, MOTA, MOTA, MOTA, MOTA, ZOU, ZOU, ZOU, ZOU, WATA, WATA, WATA, WATA, WATA, WATA, WATA, WATA, VINO, VINO, VINO, VINO, VINO, VINO, VINO, VINO, DAVA, DAVA, DAVA, DAVA, DAVA, DAVA, DAVA, DAVA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, OBKA, KHC, KHC, KHC, KHC, KHC, KHC, KHC, KHC, etc.

ISCJB 15 05:50:38.4:0.4,32'62N:0'03:115'75W:0'02,h13km,3km, Error ellipse: s-maj=4.4km s-min=3.0km az=172.2 ECX 15 05:50:40.1:0.5,32'61N:115'77W,h3km,MD3.0,ML3.2 NEIC 15 05:50:40.2:0.0,32'61N:115'77W,h3km,ML3.2(EXT), ML3.2(PAS), Error ellipse: s-maj=2.1km s-min=1.2km az=130.0, Melita (I) at El Centro, California. Also felt at Calexico, Campo and Imperial. ISC 15 05:50:38.8:0.9,32'62N:0'03:115'77W:0'02,h16km,7km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WUAZ Wupatki, VOIR Wupatki, KHC Kasperske Hory, etc.

ISCJB 15 06:46:37.4:1.0, 32:19N:0:05:115:27W:0.09, h9km, 14km, Error ellipse: s-maj=13.4km s-min=6.8km az=156.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBIG Mexicali, EMSC East Mesa, COA Coachella, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBX Tijuana, TJIG Tijuana, BAR Barrett, etc.

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.

ISCJB 15 07:16:38.4:0.4, 0.1:16N:0:05:144:6E:0.1, h100km, mb4,2.19, Error ellipse: s-maj=14.5km s-min=6.8km az=177.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WAKE Wake Island, DAV Dav City (W), etc.

ISCJB 15 07:22:12.5:0.1, 50:04N:0:03:78:7E:0.1, h0km, Error ellipse: s-maj=9.6km s-min=4.4km az=175.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, KUR07 Kurchatov Arra, etc.

ISC 15 07:22:12.5:0.1, 50:04N:0:03:78:7E:0.1, h0km, n18, s-maj=11.0km s-min=3.3km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

WEL 15 07:31:51.7:44.5:1:17.3E:1, h10km, 1km, ML3.8/4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MQZ McQueen's Vall, etc.

Table with columns: HTY, Haines Junctio, 2.00 108 Pn, Pn, 09 26 23.1 -0.6, etc.

IDC 15 09:33:16.6-4.3,15.84Sx174.65W,h265km,2.0km, mb3.1/3,mb1 3.3/4,mb1mx3.1/32,mbtmp3.7/4, Error ellipse: s-maj=344.5km s-min=25.8km az=151.0, Tonga Islands

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

ISC/JB 15 09:36:31.0-0.4, 42.01N:0.04:142.58E:0.05, h70km,3km, az=144.3, Error ellipse: s-maj=7.0km s-min=4.9km

NEIC 15 09:36:32.0-0.7, 42.02N:142.60E, h66km,7km, mb4.5/7, Error ellipse: s-maj=11.6km s-min=7.9km az=127.0

JMA 15 09:36:32.0-0.1, 42.04N:142.60E, h62km,2km, M3.3, IDC 15 09:36:32.0-0.2, 42.14N:142.50E, h73km,1km, mb3.2/9, mb1 3.4/11,mb1mx3.3/35,mbtomp3.5/11,MS3.8/1, Ms1 3.8/1,ms1mx2.7/15, Error ellipse: s-maj=24.3km s-min=13.4km az=114.0

ISC 15 09:36:31.9-0.7, 42.03N:0.05:142.56E:0.04, h61km,6km, n53, r1508/57, mb3.9/16, 4C-6D, Hokkaido region

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

ASAJ 10nm,0.3s,baz=93,slow=13,SNR=8.3

Table with columns: ASAJ, Asahikawa, 2.09 1 Pn, Pn, 09 37 05.6 +1.1, etc.

H1N2 WAKE ISLAND Hy 30.31 130 T T 10 14 17.4

H1N1 WAKE ISLAND Hy 30.32 130 T T 10 14 19.1

H1N3 WAKE ISLAND Hy 30.33 130 T T 10 14 18.2

H1S1 WAKE ISLAND Hy 31.17 131 T T 10 15 05.8

H1S3 WAKE ISLAND Hy 31.18 131 T T 10 15 20.5

H1S2 WAKE ISLAND Hy 31.19 131 T T 10 15 06.3

ZAA1 Zalesovo Array 39.37 308 eP P 09 43 55.0 -0.1

ZALV Zalesovo Beam 39.37 308 P P 09 43 55.0 -0.2

ZALV Zalesovo Beam 39.37 308 eP P 09 43 55.9 +0.8

IMAR Indian Mountain 41.95 333 eP P 09 44 17.2 +0.9

MK32 Makanchi Array 42.40 298 P P 09 44 19.6 +0.6

MKAR Makanchi Array 42.40 298 P P 09 44 19.6 +0.6

KURK Kurchatov 43.70 304 eP P 09 44 30.7 +0.1

ILAR Eielson Array 44.85 35 P P 09 44 39.1 -0.5

ILB Eielson Array 44.85 35 eP P 09 44 39.1 -0.5

Table with columns: PD31 Pinedale Array, 73.57 47 eP, P, 09 47 59.0 +0.4, etc.

BUR4 Bucovina Ar. S 74.95 322 eP P 09 48 06.4 0.0

VLDQ Val d'Or 8.8m,1.5s 89.52 26 eP P 09 48 52.2 -0.8

LCO Las Campanas 150.17 75 ePKPbc PKPbc 09 56 16.4 +0.2

ISC/JB 15 09:39:25.7-0.6, 36.55N:0.04:138.62E:0.09, h159km,4km, mb3.5/2, Error ellipse: s-maj=12.1km s-min=6.3km az=175.0

IDC 15 09:39:25.9-1.1, 36.60N:138.54E, h152km,5km, mb3.2/2, mb1 3.2/5,mb1mx2.8/39,mbtomp3.7/9, Error ellipse: s-maj=30.4km s-min=13.6km az=68.0

JMA 15 09:39:27.0-0.1, 36.53N:138.66E, h153km,1km, M3.1, IDC 15 09:39:26.6-1.1, 36.56N:0.05:138.64E:0.09, h155km,7km, n19, r0571/30, Eastern Honshu

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

ASAJ 15nm,0.3s,baz=105,slow=23,SNR=5.8

KSR5 Korea Array 6.62 279 eP P 09 41 28.5 +0.3

WRA Warramunga Arr 56.34 185 P P 09 48 50.3 -1.2

ASAR Alice Springs 60.07 185 P P 09 49 17.4 +0.1

ISC/JB 15 09:56:00.5-0.3, 40.39N:0.02:27.42E:0.03, h12km,3km, Error ellipse: s-maj=4.2km s-min=3.5km az=17.5

CSEM 15 09:56:00.6-0.1, 40.37N:27.41E, h12km,ML2.7, Error ellipse: s-maj=2.8km s-min=2.2km az=1.0

ISK 15 09:56:00.4, 40.37N:27.41E, h8km,ML2.7, DDA 15 09:56:00.6, 40.44N:27.50E, h7km,ML2.5, IDC 15 09:56:00.6-0.8, 40.39N:0.02:27.42E:0.02, h13km,5km, n50, r063/67, Turkey

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

ASAJ 10nm,0.3s,baz=198,slow=15,SNR=28.7

ASAJ Asahikawa 2.09 1 Pn, Pn, 09 37 28.9 +0.5

MJB9 Matsuo Tunnel 6.43 213 ePn, Pn, 09 38 01.9 -2.1

MAJO Matsushiro 6.43 213 ePn, Pn, 09 38 02.0 -2.1

MJAR Matsushiro Arr 6.43 213 P, Pn, 09 38 06.9 +2.8

KSR5 Korea Array 12.16 253 P, Pn, 09 39 25.8 +3.6

KS15 Wonju Array Si 12.19 253 ePn, Pn, 09 39 23.8 +1.2

KSAR Wonju Array Be 12.19 253 P, Pn, 09 39 25.8 +3.1

SEY Seymchan 21.73 12 P, Pn, 09 41 16.0 -1.7

GADA Gavgada 1.18 261 ePn, Pn, 09 56 22.4 -0.9

BOZC Bozcaada 1.18 243 ePn, Pn, 09 56 22.4 -0.9

CTKS Kestanelik-??a 1.18 44 ePn, Pn, 09 56 22.8 -0.1

CTKS Kestanelik-??a 1.18 44 ePn, Pn, 09 56 22.8 -0.1

CTVY Yaliko Yolu 1.27 31 ePn, Pn, 09 56 24.8 +0.7

IGD Bursa 1.37 95 iP, Sb, 09 56 24.8 -0.7

KLYT Kilyos 1.51 54 ePn, Pn, 09 56 28.1 +0.8

EDRB Edirne 1.55 341 ePn, Pn, 09 56 29.2 +0.1

ISC/JB 15 09:57:44.8-0.6, 40.87N:0.03:31.77E:0.03, h3km,5km, Error ellipse: s-maj=5.2km s-min=3.4km az=16.0

ISC 15 09:57:44.0-1.0, 40.86N:31.79E, h5km,MD3.2,ML3.1, CSEM 15 09:57:45.1-0.1, 40.86N:31.79E, h2km,ML3.2, Error ellipse: s-maj=3.3km s-min=2.1km az=178.0

DDA 15 09:57:45.3, 40.90N:31.81E, h7km,ML3.2, IDC 15 09:57:45.4-1.1, 40.86N:0.02:31.78E:0.02, h8km,9km, n50, r067/83, Turkey

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

Table with columns: MDUB Mudurnu, 0.59 229 eP, Pg, 09 57 56.6 -0.2, etc.

DDA 15 10:06:27.3, 36.81N:34.50E, h7km,ML2.2, CSEM 15 10:06:28.0-0.7, 36.88N:34.63E, h1km,ML2.2, Error ellipse: s-maj=17.1km s-min=11.5km az=151.0, Suspected Mining explosion.

ISC/JB 15 10:06:29.0-0.6, 36.95N:0.04:34.58E:0.04, h0km, Error ellipse: s-maj=6.3km s-min=4.8km az=155.4

ISK 15 10:06:29.0, 36.94N:34.59E, h7km,MD2.5, IDC 15 10:06:29.3-0.9, 36.93N:0.04:34.57E:0.03, h0km, n12, r080/20, Turkey

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

IDC 15 10:34:29.8-1.6, 2.30N:93.04E, h0km, mb3.6/5, mb1 3.9/8, mb1mx3.6/8,mbtomp3.8/8,ML4.3/2,MS3.2/1, ms1mx2.5/47, Error ellipse: s-maj=45.7km s-min=20.5km az=52.0

ISC/JB 15 10:34:30.4-1.0, 2.3N:93.1E, h21km, mb3.6/5, MS3.1/1, Error ellipse: s-maj=22.0km s-min=13.3km az=29.7

ISC 15 10:34:32.1-3.2, 2.3N:93.0E:0.1, h21km, n9, r0688/8, mb3.8/5, Off west coast of northern Sumatra

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

NIED 15 10:36:10.0, 38.80N:142.10E, h53km, Mw3.8, Best double time couple: M6.51000x104.121 NP1.9x203.00000x1.89.00000x1.91.00000x. NP2.9x22.00000x0.871.00000x1.90.00000x

ISC/JB 15 10:36:45.9-0.9, 38.83N:0.04:142.12E:0.10, h15km,6km, mb3.8/10, Error ellipse: s-maj=13.3km s-min=5.9km az=20.4

JMA 15 10:36:47.2-0.1, 38.86N:142.05E, h46km,1km, M3.8

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

JMA Fe1t III J1, IDC 15 10:36:48.6; 1.9, 38.85N; 142.712E; h60km; 17km, mb3.5/11, mb1 3.7/16, mb1mx3.0/40, mbtmp3.8/16, MS2.6/2, Ms1 2.6/2, ms1mx2.4/43, Error ellipse: s-maj=21.5km s-min=12.0km az=102.0

ISC 15 10:36:46.7; 1.5, 38.80N; 0.05:142.715E; 0.09, h43km; 13km, n32, r128/34, mb3.9/10, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data for the 15d 11h period.

WEL 15 10:38:16.8, 38.85; 0.5:17.6E; h14km; 11km, ML3.5/9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the WEL event.

MEX 15 10:51:58.2; 0.8, 17.20N; 100.31W, h54km; 7km, MD3.6, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

ISCJB 15 10:55:09.7; 0.6, 36.13N; 0.05:71.22E; 0.07, h100km, mb3.7/1, Error ellipse: s-maj=7.9km s-min=6.3km az=152.3

IDC 15 10:55:14.9; 5.9, 37.28N; 71.02E, h91km; 37km, mb3.6/1, mb1 3.4/5, mb1mx3.0/56, mbtmp3.6/5, Error ellipse: s-maj=76.5km s-min=19.1km az=151.0

NCC 15 10:55:17.3; 2.9, 37.37N; 71.27E, h151km; 47km, mb2.6, mp3.5, Error ellipse: s-maj=28.4km s-min=25.2km az=1.0

ISC 15 10:55:11.4; 1.0, 36.35N; 0.08:71.25E; 0.07, h100km, n22, r183/29, 3C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Afghanistan-Tajikistan border region event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Karatay Array event.

ISCJB 15 11:08:31.3; 0.5, 7.42S; 0.06:37.5E; 0.1, h10km, mb4.0/11, MS2.9/3, Error ellipse: s-maj=15.2km s-min=7.9km az=14.4

IDC 15 11:08:31.8; 0.9, 7.45S; 37.58E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/38, mbtmp3.9/10, ML4.2, MS3.0/3, Ms1 3.0/3, ms1mx2.7/38, Error ellipse: s-maj=37.1km s-min=17.6km az=1.2

NEIC 15 11:08:33.4; 0.7, 7.40S; 37.54E, h10km, mb4.4/6, Error ellipse: s-maj=14.5km s-min=7.9km az=117.0

ISC 15 11:08:33.0; 0.7, 7.43S; 0.08:37.4E; 0.1, h10km, n30, r111/30, mb4.1/11, MS3.1/3, Tanzania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Tanzania event.

ISCJB 15 11:33:53.1; 0.8, 9.0S; 0.1:159.4E; 0.1, h35km, mb3.7/6, MS3.3/1, Error ellipse: s-maj=18.6km s-min=15.2km az=158.6

IDC 15 11:33:54.0; 0.7, 8.92S; 159.46E, h31km; 5km, mb3.7/6, mb1 4.0/7, mb1mx3.6/32, mbtmp3.9/7, ML4.21, MS3.3/2, Ms1 3.3/2, ms1mx2.8/27, Error ellipse: s-maj=17.2km s-min=10.5km az=158.6

ISC 15 11:33:53.9; 0.8, 9.0S; 0.1:159.5E; 0.1, h35km, n11, r088/14, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Bougainville-Solomon Islands region event.

NIED 15 11:40:00.28; 90N; 129.90E, h35km, Mw4.0. Best double couple: M1.22000; 1015 NP1; 8.80000; 86.00000, lambda=114.00000, NP2; 2.130000, 885.00000, lambda=88.00000

JMA 15 11:40:02.9; 0.1, 28.87N; 129.94E, h32km, M3.6, IDC 15 11:40:06.2; 3.3, 28.87N; 130.18E, h62km; 30km, mb3.3/7, mb1 3.5/8, mb1mx3.2/40, mbtmp3.6/8, ML2.9/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/20, Error ellipse: s-maj=32.0km s-min=17.4km az=85.0

ISC 15 11:40:00.1; 1.4, 28.85N; 0.03:130.10E; 0.06, h11km; 9km, n22, r119/30, mb3.6/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Ryukyu Islands event.

IDC 15 11:16:30.9; 8.7, 17.58S; 178.68W, h578km; 99km, mb2.5/5, mb1 2.9/5, mb1mx2.6/41, mbtmp3.4/5, Error ellipse: s-maj=108.2km s-min=33.1km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Fiji Islands region event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Warramunga Arr event.

ISK 15 11:30:14.0, 38.63N; 43.13E, h3km, ML2.8, ISCJB 15 11:30:15.4; 0.6, 38.65N; 0.02:43.10E; 0.04, h8km; 5km, Error ellipse: s-maj=5.8km s-min=4.1km az=10.7

CSEM 15 11:30:15.1; 0.2, 38.63N; 43.12E, h10km, ML2.8, Error ellipse: s-maj=5.0km s-min=3.3km az=115.0

DDA 15 11:30:15.4, 38.61N; 43.14E, h8km, M2.8, ISC 15 11:30:15.7; 1.0, 38.63N; 0.02:43.14E; 0.04, h9km; 9km, n28, r93/45, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Turkey event.

ISCJB 15 11:33:53.1; 0.8, 9.0S; 0.1:159.4E; 0.1, h35km, mb3.7/6, MS3.3/1, Error ellipse: s-maj=18.6km s-min=15.2km az=158.6

IDC 15 11:33:54.0; 0.7, 8.92S; 159.46E, h31km; 5km, mb3.7/6, mb1 4.0/7, mb1mx3.6/32, mbtmp3.9/7, ML4.21, MS3.3/2, Ms1 3.3/2, ms1mx2.8/27, Error ellipse: s-maj=17.2km s-min=10.5km az=158.6

ISC 15 11:33:53.9; 0.8, 9.0S; 0.1:159.5E; 0.1, h35km, n11, r088/14, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Bougainville-Solomon Islands region event.

NIED 15 11:40:00.28; 90N; 129.90E, h35km, Mw4.0. Best double couple: M1.22000; 1015 NP1; 8.80000; 86.00000, lambda=114.00000, NP2; 2.130000, 885.00000, lambda=88.00000

JMA 15 11:40:02.9; 0.1, 28.87N; 129.94E, h32km, M3.6, IDC 15 11:40:06.2; 3.3, 28.87N; 130.18E, h62km; 30km, mb3.3/7, mb1 3.5/8, mb1mx3.2/40, mbtmp3.6/8, ML2.9/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/20, Error ellipse: s-maj=32.0km s-min=17.4km az=85.0

ISC 15 11:40:00.1; 1.4, 28.85N; 0.03:130.10E; 0.06, h11km; 9km, n22, r119/30, mb3.6/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Ryukyu Islands event.

SONM Songino Array 26.37 322 P P 11 45 37.5 +1.1
SONM 1.3nm,0.8,baz=140,slow=7.8,SNR=3.6
SONM LR 11 57 04.9

WRA Warrumunga Arr 46.68 175 P P 11 48 42.7 -1.8
ASAR Alice Springs 52.34 176 P P 11 49 13.4 +1.3
ILAR Eileison Array 61.35 29 P P 11 50 14.3 -1.2

ISCJB 15 12:24:55.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 12.71 194 P P 12 15 12.9 -0.7
WRA Warrumunga Arr 15.09 160 P P 12 15 40.0 +0.1

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
CPUP Villa Florida 36.95 87 P P 12 32 04.2 -1.1
CPUP 1.7nm,0.6,baz=239,slow=7.8,SNR=6.4

ISCJB 15 12:24:56.0,2.3,36.1S;0.4:99.3W;0.3,h10km,mb3.9/7,
MS4.2/14, Error ellipse: s-maj=63.4km s-min=19.9km
az=32.8

Code Station Name Az Phase ID Time Res
TG Y Tagaytay City 0.56 31 eP Pn 12 43 07.3 +0.6
BOAC Boac 1.18 98 eP Pn 12 43 11.7 -0.3

ISCJB 15 12:43:53.1,1.8,15.11Sx173.55W,h0km,mb3.5/5,
mb1 3.9/6,mb1mx3.6/39,mbtmp3.5/6,ML4.0/1,MS2.7/1,
Ms1 2.7/1,ms1mx2.5/22, Error ellipse: s-maj=120.8km
s-min=20.3km az=152.0, Tonga Islands

Code Station Name Az Phase ID Time Res
AFI Afiamalu 2.09 55 P P 12 44 27.5 -1.9
AFI 53nm,0.3s,baz=219,slow=2.2,SNR=114

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 47.7 257 P P 12 52 48.3 +0.4
ASAR Alice Springs 50.06 252 P P 12 52 49.0 -1.1
NVAR Mina Array Bea 74.21 42 P P 12 55 33.0 +0.8

ISCJB 15 12:46:37.1,13.0,25.41S;179.69W,h269km,119km,
mb3.2/5,mb1 3.5/5,mb1mx3.2/29,mbtmp3.8/5, Error
ellipse: s-maj=160.9km s-min=36.8km az=162.0, South
of Fiji Islands

Code Station Name Az Phase ID Time Res
CTA Charters Tower 31.80 273 P P 12 52 38.3 +1.3
ASAR Alice Springs 42.09 262 P P 12 54 02.9 -0.5
WRA Warrumunga Arr 46.21 268 P P 12 54 06.5 -1.0

ISCJB 15 12:59:56.8,1.3,5.64S;130.86E,h0km,mb3.9/5,
mb1 4.1/8,mb1mx3.7/34,mbtmp3.9/8,ML4.2/3,MS2.9/1,
Ms1 3.1/1,ms1mx2.4/40, Error ellipse: s-maj=89.5km
s-min=18.9km az=74.0, Banda Sea

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 13.39 202 P P 12 53 08.7 +0.5
FITZ 1.1nm,0.3s,baz=23,slow=11,SNR=4.1

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 14.61 167 Pn 12 53 26.6 -1.4
WRA 1.2nm,0.3s,baz=344,slow=24,SNR=10

ISCJB 15 13:19:26.5,0.3,3.26N;0.04x122.89E;0.05,h550km,
mb3.9/14, Error ellipse: s-maj=6.9km s-min=4.6km
az=142.3

Code Station Name Az Phase ID Time Res
DJA 15 13:19:28.7,0.4,3.3N;4.12x12.3E,h533km,5km,M4.1/12,
mb4.2/11,mb4.5/7,MLW4.5/12,MLM(b)3.7/7

ISCJB 15 13:19:28.7,0.4,3.3N;4.12x12.3E,h533km,5km,M4.1/12,
mb4.2/11,mb4.5/7,MLW4.5/12,MLM(b)3.7/7

Code Station Name Az Phase ID Time Res
SGSI Sangihe 2.66 80 P P 12 30 41.1 +1.0
SGSI 1.3nm,0.3s,baz=90,slow=12,SNR=7.9

ISCJB 15 13:19:28.7,0.4,3.3N;4.12x12.3E,h533km,5km,M4.1/12,
mb4.2/11,mb4.5/7,MLW4.5/12,MLM(b)3.7/7

Code Station Name Az Phase ID Time Res
SGSI Sangihe 2.66 80 P P 12 30 41.1 +1.0
SGSI 1.3nm,0.3s,baz=90,slow=12,SNR=7.9

ISCJB 15 13:19:28.7,0.4,3.3N;4.12x12.3E,h533km,5km,M4.1/12,
mb4.2/11,mb4.5/7,MLW4.5/12,MLM(b)3.7/7

Code Station Name Az Phase ID Time Res
SGSI Sangihe 2.66 80 P P 12 30 41.1 +1.0
SGSI 1.3nm,0.3s,baz=90,slow=12,SNR=7.9

ISCJB 15 13:19:28.7,0.4,3.3N;4.12x12.3E,h533km,5km,M4.1/12,
mb4.2/11,mb4.5/7,MLW4.5/12,MLM(b)3.7/7

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

ISCJB 15 13:20:50.6,0.36S;9.17E,h12km,ML3.6/17,
mb3.8/3, Error ellipse: s-maj=7.7km s-min=3.6km az=39.0

Code Station Name Az Phase ID Time Res
WRA Warrumunga Arr 25.61 154 P P 12 34 13.6 +0.3
WRA 3.6nm,0.3s,baz=336,slow=9.5,SNR=134

5:13h

TIC	Toumodi	77.97	52	eP	P	13 52 15.9	-2.5
PMOR	Pomariojo Ree	78.05	261	eP	T	13 52 22.0	+3.1
PMOR	Pomariojo Ree	78.05	261	eT	T	15	18 17.8
DBIC	Dimbokoro	78.05	52	eP	P	13 52 20.8	+1.9
DBIC	Dimbokoro	78.05	52	eP	P	13 52 18.8	-0.1
SEUS	St. Eustatius	78.13	353	eP	P	13 52 16.7	-2.4
ANWB	Willy Bob	78.24	354	PFAKE	P	13 52 30.0	+1.0
ANWB	Willy Bob	78.24	354	eP	LR	13 52 19.8	0.0
SABA	Saba	78.27	353	eP	P	13 52 20.1	+0.2
SMRT	St. Maarten	78.69	353	eP	P	13 52 17.9	-4.3
SNET	Serv Nac Est T	78.78	327	eP	P	13 52 22.4	-0.5
BOQS	Boqueron	78.84	327	eP	P	13 52 21.6	-1.8
SJG	San Juan	78.97	350	eP	P	13 52 28.0	+4.3
SJG	San Juan	78.97	350	eP	P	13 52 18.0	-5.0
TAOE	Nuku Hiva Isla	79.54	271	eP	P	13 52 30.2	+2.9
TAOE	Nuku Hiva Isla	79.54	271	eS	S	14 02 29.0	+0.9
TAOE	Nuku Hiva Isla	79.54	271	eLQ	LQ	14 13 48.5	
TAOE	Nuku Hiva Isla	79.54	271	eLR	LR	14 17 05.5	
TAOE	Nuku Hiva Isla	79.54	271	eT	T	15 19 18.2	
TAOE	Nuku Hiva Isla	79.54	271	eP	P	13 52 27.3	0.0
TAOE	Nuku Hiva Isla	79.54	271	PFAKE	P	13 52 40.0	+1.2
ABPO	Ambohimpanom	79.83	111	eP	P	13 52 29.8	+0.9
ABPO	Ambohimpanom	79.83	111	eP	LR	13 52 31.8	+0.9
OPO	Ambohimpanom	80.19	110	P	P	13 52 32.0	+1.0
STH	Stony Hill	80.30	340	iP	P	13 52 30.0	-1.0
SDDR	Pres de Saban	80.38	345	eP	P	13 52 30.0	-1.0
SDDR	Pres de Saban	80.38	345	eP	P	13 52 32.2	+0.8
MTDJ	Mount Denham	80.57	339	eP	P	13 52 33.5	+0.9
MTDJ	Mount Denham	80.57	339	eP	LR	13 52 31.1	-1.5
BBJ	Bamboo Saint A	81.42	38	P	P	13 52 39.0	+2.1
BBS	Babate	81.42	38	P	P	13 52 39.0	+2.1
RER	Riviere de l'E	81.75	119	eP	P	13 52 40.1	+1.0
RER	Riviere de l'E	81.75	119	eP	LR	13 52 42.1	+3.0
GTBY	Guantanamo Bay	81.84	342	eP	P	13 52 39.1	0.0
GTBY	Guantanamo Bay	81.84	342	eP	LR	13 52 39.8	-1.3
CAN	Canberra	82.17	200	eP	P	13 52 36.1	-5.0
CAN	Canberra	82.17	200	eP	LR	13 52 39.8	-1.3
GRTK	Grand Turk	82.85	346	eP	P	13 52 47.1	+2.7
GRTK	Grand Turk	82.85	346	eP	P	13 52 44.8	+0.4
TEIG	Tepich	84.80	330	eP	P	13 52 51.4	-3.0
TLIG	Tlapa	85.20	320	eP	P	13 52 55.3	-1.3
BBOO	Buckleboe	86.32	190	eP	P	13 53 00.3	-1.8
ARMA	Armidade	86.46	204	eP	P	13 53 02.0	-1.0
NWAO	Naragoin (SRO)	86.54	174	eP	P	13 53 01.9	-1.2
NWAO	Naragoin (SRO)	86.54	174	eP	MLR	13 53 01.7	-1.5
NWAO	Naragoin (SRO)	86.54	174	eP	LR	13 53 01.6	-1.5
TORD	Torodj Ar. Bea	86.54	55	P	P	13 53 04.0	+0.8
TORD	Torodj Ar. Bea	86.54	55	eP	P	13 53 04.0	+0.8
TORD	Torodj Ar. Bea	86.54	55	eP	PKKPbc	14 10 57.9	+1.1
STKA	Stevens Creek	86.65	195	P	P	13 53 02.0	-1.7
Forest	Forest	86.80	183	eP	P	13 53 12.9	-1.1
AFI	Afiama	90.05	241	P	P	13 53 21.5	+1.3
AFI	Afiama	90.05	241	P	MLR	13 53 21.4	+1.3
AFI	Afiama	90.05	241	P	P	13 53 21.4	+1.3
AFI	Afiama	90.05	241	P	LR	13 53 21.4	+1.3
KMBO	Kilima Mbogo	90.55	93	S	SKSac	14 03 55.0	+1.4
KMBO	Kilima Mbogo	90.55	93	P	P	13 53 24.8	+2.1
KMBO	Kilima Mbogo	90.55	93	P	P	13 53 19.6	-3.1
KMBO	Kilima Mbogo	90.55	93	eP	P	13 53 25.6	+2.9
KMBO	Kilima Mbogo	90.55	93	eP	SKSac	14 03 55.0	+1.4
DZM	Mont Dzumac	90.70	219	P	P	13 53 23.3	+0.1
DZM	Mont Dzumac	90.70	219	eP	P	13 53 24.7	+1.6
DZM	Mont Dzumac	90.70	219	eSKSac	SKSac	14 03 53.8	-0.2
DZM	Mont Dzumac	90.70	219	ePS	PS	14 05 27.5	+0.6
DZM	Mont Dzumac	90.70	219	eSS	SS	14 10 16.7	-2.2
DZM	Mont Dzumac	90.70	219	eLQ	LQ	14 18 28.9	
DZM	Mont Dzumac	90.70	219	eLR	LR	14 22 18.6	
DZM	Mont Dzumac	90.70	219	eP	P	13 53 23.9	+0.7
ZAIG	Zacatecas	91.36	318	eP	P	13 53 25.1	-1.1
EIDS	Eidsvold	91.47	204	eP	P	13 53 25.1	-1.5
BBSR	BB Station	93.02	353	PFAKE	LR	13 53 50.0	+1.7
BBSR	BB Station	93.02	353	PFAKE	LR	13 53 41.3	+1.8
KVXT	Kingsville	94.37	323	eP	LR	13 53 50.0	+7.5
BRAL	Brewton	95.03	334	PFAKE	LR	13 53 45.7	+3.2
447A	Lucedale	95.03	332	P	P	13 53 46.2	+2.9
446A	Poplarville	95.20	332	P	P	13 53 46.5	+2.6
542A	Morse	95.34	329	P	P	13 53 45.4	+0.4
833A	Chaparral WMA	95.54	322	P	P	13 53 43.8	-1.7
ASAR	Alice Springs	95.56	189	P	P	13 53 43.8	-1.7
ASAR	Alice Springs	95.56	189	P	SKSac	14 04 13.8	-6.9
ASAR	Alice Springs	95.56	189	P	P	13 53 43.8	-1.7
ASAR	Alice Springs	95.56	189	P	SKSac	14 04 13.8	-6.9
ASAR	Alice Springs	95.56	189	P	SKSac	14 18 48.3	+1.8
ASAR	Alice Springs	95.56	189	P	SKSac	14 04 13.8	-6.9
ASAR	Alice Springs	95.56	189	P	SKSac	14 10 35.2	
ASAR	Alice Springs	95.56	189	P	SKSac	14 18 48.3	-6.2
NHSC	New Hope	95.57	340	PFAKE	LR	13 54 00.0	+1.5
NHSC	New Hope	95.57	340	PFAKE	LR	13 53 49.4	+2.3
248A	Dixon Mills	96.08	333	P	P	13 53 47.3	0.0

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344A	Westbrook Farm	96.16	331	P	P	13 53 47.5	-0.1
MSEY	Mahe Island	96.19	111	PFAKE	LR	13 54 00.0	+1.2
MSEY	Mahe Island	96.19	111	PFAKE	LR	13 53 47.5	-0.1
HPIG	comp=Z,10um,19.0s	96.25	317	eP	P	13 53 47.3	-1.2
GOGA	Godfrey	96.47	337	eP	P	13 53 48.6	-0.4
GOGA	Godfrey	96.47	337	eP	LR	13 53 51.8	+2.9
147A	Livingston	96.75	333	P	P	13 53 51.0	+0.7
TAM	Tamanrasset	96.77	55	PFAKE	LR	13 54 00.0	+9.1
TAM	Tamanrasset	96.77	55	PFAKE	LR	13 53 49.6	-1.0
Z50A	Ashland	96.81	335	P	P	13 53 50.5	-0.1
LRAL	Lakeview Retre	96.82	334	P	P	13 53 53.4	+2.8
LRAL	Lakeview Retre	96.82	334	eP	P	13 53 50.4	-0.5
Z49A	Columbiana	96.88	334	P	P	13 53 52.2	-0.1
Z47A	Carrollton	97.21	333	P	P	13 53 52.6	0.0
Z48A	Northport	97.27	334	P	P	13 53 52.0	+7.3
CNNC	Cliffs of the	97.29	342	PFAKE	LR	13 53 52.1	-0.9
435B	Jarrell	97.32	325	P	P	13 53 55.6	+2.0
NATX	Nacogdoches	97.44	327	eP	Pdf	13 53 53.0	-0.6
NATX	Nacogdoches	97.44	327	eP	LR	13 53 52.5	-1.8
Y49A	Blount Mountain	97.49	335	P	P	13 53 52.9	-1.5
CTA	Charters Tower	97.53	201	P	P	13 53 52.2	-2.2
CTAO	Charters Tower	97.53	201	eP	P	13 53 54.5	-0.1
CTAO	Charters Tower	97.53	201	eP	LR	13 53 54.6	-0.1
JCT	Junction City	97.68	323	P	P	13 53 54.2	-0.5
JCT	Junction City	97.68	323	eP	P	13 53 54.5	-0.1
JCT	Junction City	97.68	323	eP	LR	13 53 54.5	-0.1
Y48A	Jasper	97.70	334	P	P	13 53 54.5	-0.1
KMSC	Kings Mountain	97.76	339	P	P	13 53 54.8	-0.4
KMSC	Kings Mountain	97.76	339	eP	Pdf	13 53 54.8	-0.4
TX31	Lajitas Ar. Si	97.81	319	eP	P	13 53 56.3	+0.9
TXAR	Lajitas Array	97.81	319	P	Pdf	14 10 31.6	+0.2
TXAR	Lajitas Array	97.81	319	P	PKKP	14 18 48.0	
TXAR	Lajitas Array	97.81	319	P	PKKP	13 57 51.7	-2.4
TXAR	Lajitas Array	97.81	319	P	PKKP	14 10 31.6	+0.2
TXAR	Lajitas Array	97.81	319	P	PKKP	14 18 48.0	+6.8
Z44A	Pea Ridge, Bel	97.83	331	P	Pdf	13 53 55.9	+0.7
X50A	Fort Payne	97.91	336	P	Pdf	13 53 56.9	+1.3
X48A	Hartselle	98.20	334	P	P	13 53 56.7	-0.1
MBWA	Marble Bar	98.36	176	eP	P	13 53 56.5	-1.6
MBWA	Marble Bar	98.36	176	eP	LR	13 53 58.9	+1.2
Z41A	Richland Creek	98.39	329	P	Pdf	13 53 58.9	+1.2
PMOZ	Porto Moniz, M	98.41	32	eSKSac	SKSac	14 04 44.6	+10
PMOZ	Porto Moniz, M	98.41	32	eSS	SS	14 12 21.3	+11
PMOZ	Porto Moniz, M	98.41	32	eLQ	LQ	14 25 16.6	
PMOZ	Porto Moniz, M	98.41	32	eLR	LR	13 53 57.8	-0.1
WHTX	Lake Whitney,	98.42	325	P	P	13 53 57.0	-0.9
WHTX	Lake Whitney,	98.42	325	eP	P	13 53 57.2	-0.7
X47A	Russelville	98.44	334	P	P	13 53 58.3	-0.4
X46A	Booneville	98.63	333	P	P	13 53 57.4	-1.4
CPCT	Cooper Cave	98.65	337	eP	P	13 54 10.0	+11
FUNA	Funafuti	98.65	235	PFAKE	LR	13 53 58.2	-0.8
FUNA	Funafuti	98.65	235	PFAKE	LR	13 54 01.8	+1.7
X45A	UM Field Stati	98.69	332	P	P	13 53 59.8	-2.2
Y41A	Eaglette Beard	98.93	330	P	P	13 53 59.8	-2.2
WRA	Warramunga Arr	99.22	190	P	Pdf	14 10 27.4	+1.7
WRA	Warramunga Arr	99.22	190	P	PKKP	14 10 27.4	+1.7
WRA	Warramunga Arr	99.22	190	P	PKKP	13 53 59.4	-2.6
WRAB	Tennant Creek	99.23	190	P	P	13 53 59.2	-2.8
WRAB	Tennant Creek	99.23	190	eP	LR	13 54 02.9	+0.9
WRAB	Tennant Creek	99.23	190	eP	LR	13 54 10.0	+6.8
Z36A	Blue Ridge	99.35	326	P	Pdf	13 54 05.2	+1.8
BLA	Blacksburg	99.62	340	PFAKE	LR	13 54 02.2	-1.4
BLA	Blacksburg	99.62	340	PFAKE	LR	13 54 03.0	-0.9
ABTX	Ablene, Hawle	99.64	324	eP	Pdf	13 54 06.2	+1.8
V46A	Holiday	99.73	334	P	Pdf	13 54 03.0	-0.9
MIAR	Mount Ida	99.81	329	P	Pdf	13 54 06.1	-0.6
X39A	Fountain Ranch	99.91	329	P	Pdf	13 54 20.0	+15
WVT	Waverly	99.98	334	P	Pdf	13 54 04.6	-1.1
CBN	Corbin Frederi	100.12	343	PFAKE	LR	13 54 04.6	-1.1
CBN	Corbin Frederi	100.12	343	PFAKE	LR	13 54 06.8	+0.7
WHAR	Wooly Hollow	100.19	330	eP	Pdf	13 54 07.9	+1.0
W40A	Ferguson Farm,	100.29	330	P	P	13 54 07.8	+0.4
P50Z	Magazine	100.48	329	P	Pdf	13 54 20.0	+13
MNTX	Cornudas Mount	100.55	319	P	Pdf	13 54 07.0	-0.3
MNTX	Cornudas Mount	100.55	319	P	P	14 12 43.3	+3.2
MNTX	Cornudas Mount	100.55	319	P	SS	14 27 37.0	
MNTX	Cornudas Mount	100.55	319	P	eLR	14 27 57.7	
X35A	Drake	100.56	326	P	Pdf	13 54 07.3	-0.4
PSMN	Pico do Norte,	100.58	25	eSS	SS	14 08 08.9	+0.3
PSMN	Pico do Norte,	100.58	25	eLQ	LQ	13 54 08.7	-0.3

OKC	Ostrava-Krasne	125.15	50	ePKP	Pdf	PKP	Pdf	13 59 19.9	+0.4
OKC				ePP		x		14 01 05.1	-5.0
OKC				ex				14 02 23.7	
OKC				eSKKS				14 08 05.7	
OKC				AMS				14 46 40.0	
comp=Z,6um,23.9s									
ADKI	Adanki	125.16	125	ePKIKP	Pdf	PKP	Pdf	13 59 20.6	+0.1
KSP	Ksiaz	125.29	48	ePKP	Pdf	PKP	Pdf	13 59 22.9	+3.1
KSP				ePP				14 01 21.7	+1.0
KSP				ePKIKP				13 59 22.9	+3.1
KSP				ePKIKP				14 01 21.0	
PLOR	Plostina	125.30	58	iPKIKP	Pdf	PKP	Pdf	13 59 21.9	+1.9
PLOR				ePKIKP				13 59 21.9	+1.9
ARCH	ARCALIA	125.35	56	iPKIKP	Pdf	PKP	Pdf	13 59 23.1	+3.1
VRH	Vrincioa	125.35	58	iPKIKP	Pdf	PKP	Pdf	13 59 18.7	-1.4
VRH				ePKIKP				13 59 18.7	-1.4
RAC	Raciorb	125.37	49	ePKIKP	Pdf	PKP	Pdf	13 59 20.3	+0.4
RAC				ePKIKP				14 01 11.8	
CFR	Carcaliu	125.39	60	iPKIKP	Pdf	PKP	Pdf	13 59 19.6	-0.5
CFR				ePKIKP				13 59 19.6	-0.5
CFR	Baia Mare	125.47	55	iPKIKP	Pdf	PKP	Pdf	13 59 19.6	-0.6
BMR	Baia Mare	125.47	55	iPKIKP	Pdf	PKP	Pdf	13 59 19.6	-0.6
NJS	Nagarjunasagar	125.53	124	ePKIKP	Pdf	PKP	Pdf	13 59 21.5	-0.2
BIGH	Upper Bighouse	125.57	31	ePP				13 59 20.1	+0.1
BIGH				IAMS_20		IAMS_20		14 39 45.3	
comp=Z,19um,29.1s									
NIE	Niedzica	125.63	51	ePKP	Pdf	PKP	Pdf	13 59 23.3	+2.8
NIE				ePP				14 01 24.7	+1.1
NIE				ePKIKP				13 59 23.3	+2.8
NIE				ePKIKP				14 01 24.7	
CRVS	Cervencia-Dubn	125.66	52	ePKIKP	Pdf	PKP	Pdf	13 59 23.3	+2.7
CRVS				eSS				14 18 19.7	+7.4
CRVS	Cervencia-Dubn	125.66	52	ePKP	Pdf	PKP	Pdf	13 59 23.3	+2.7
CRVS				eSS				14 01 23.7	+1.0
CRVS				eSS				14 18 19.7	+7.4
CRVS				eSS				14 39 56.2	
KLRI	Killari	125.75	50	ePKIKP	Pdf	PKP	Pdf	13 59 22.7	0.0
UZH	Uzhgorod	125.77	123	ePP				13 55 59.3	+0.3
UZH				ePP				13 59 00.0	
UZH				ePP				13 59 20.5	
TESR	Tescani	125.83	58	iPKIKP	Pdf	PKP	Pdf	13 59 22.8	+1.9
PBA	Port Blair	125.88	141	ePP				13 59 21.3	-0.7
PBA				AMS				14 43 60.0	
comp=Z,10um,18.3s									
HYB	Hyderabad	125.99	123	iPKP	Pdf	PKP	Pdf	13 59 23.0	+0.8
HYB				ePP				13 59 20.5	-1.7
HYB				ePKIKP				13 59 22.7	0.0
HYB				AMS				14 50 27.1	
comp=Z,9um,16.9s									
STHS	Stebnicka Huta	125.99	52	ePKIKP	Pdf	PKP	Pdf	13 59 21.8	+0.6
STHS				ePKIKP				13 59 21.8	+0.6
HYB	Hyderabad (bro	125.99	123	ePKIKP	Pdf	PKP	Pdf	13 59 24.1	+2.8
OJC	Ojcow	126.08	50	ePP				14 01 28.2	+1.2
OJC				ePKIKP				13 59 24.1	+2.8
OJC				ePKIKP				14 01 28.2	
OJC	Ojcow	126.08	50	ePKP	Pdf	PKP	Pdf	13 59 19.7	-1.6
BURAR	Bucovina Array	126.12	56	iPKIKP	Pdf	PKP	Pdf	13 59 20.3	-1.3
BURAR				ePKIKP				13 59 20.3	-1.3
BURAR	Bucovina Ar	126.14	56	ePKP	Pdf	PKP	Pdf	13 59 18.2	-3.5
DAV	Davao City (W)	126.48	182	FFAKE		LR		13 59 30.0	+6.7
comp=Z,5um,20.0s									
KWP	Kalwaria Pacla	126.73	53	ePKP	Pdf	PKP	Pdf	13 59 25.3	+2.7
KWP				ePKIKP				13 59 25.3	+2.7
PVM	Polavaram	127.09	126	ePKIKP	Pdf	PKP	Pdf	13 59 25.1	+0.4
KIS	Kishinev	127.12	59	ePKP	Pdf	PKP	Pdf	13 59 25.0	+1.6
KIS				ePP				13 59 25.5	
comp=Z,700nm,2.0s									
KIS	Kishinev	127.12	59	iPsP				13 59 37.0	
KIS				ePP				14 01 30.0	+6.8
KIS				PP				14 11 30.0	+3.2
KIS				e				13 59 25.0	+1.6
KIS				e				14 06 30.0	
KIS				e				14 11 30.0	+3.2
KIS				e				14 06 30.0	
KIS				e				14 11 30.0	+3.2
KIS				e				14 06 30.0	
KIS				e				14 11 30.0	+3.2
comp=Z,700nm,2.0s									
KIS				e				14 06 30.0	
comp=Z,4um,20.0s									
KIS				e				14 06 30.0	
comp=Z,5um,22.0s									
BHJ	Bhuj	127.20	110	eP				13 59 24.1	-0.2
BHJ				flex				14 03 20.6	
BHJ				AMS				14 49 56.6	
comp=Z,6um,13.8s									
SRSP	Sriramsagar	127.25	122	ePKIKP	Pdf	PKIKP	Pdf	13 59 25.4	+0.3
DGPR	DIGLIPUR	127.37	141	ePP				13 59 24.3	-0.6
DGPR				AMS				14 47 31.1	
comp=Z,11um,14.8s									
LVV	L'vov	127.40	53	ePKIKP	Pdf	PKP	Pdf	13 59 25.6	+1.8
LVV				ePKIKP				14 06 32.3	
SFJD	Kangerlussuaq	127.45	3	ePKIKP	Pdf	PKP	Pdf	13 59 23.8	+4.9
SFJD				ePP				14 01 34.9	
SFJD				e				13 59 28.3	+4.9
SFJD				iP				14 01 34.9	
comp=Z,17um,28.0s									
SFJD	Kangerlussuaq	127.45	3	iP				13 59 28.3	+4.9
SFJD				e				14 01 34.9	
GKP	Gorka Klasztor	127.61	47	ePKIKP	Pdf	PKP	Pdf	13 59 24.6	+0.6
GKP				ePKIKP				13 59 24.6	+0.6
BEL	Belsk	127.76	50	ePKP	Pdf	PKP	Pdf	13 59 27.3	+2.9
BEL				ePKIKP				13 59 27.3	+2.9
BORG	Borgarnes	127.78	18	ePKP	Pdf	PKP	Pdf	13 59 26.4	+2.4
BORG				ePKIKP				13 59 26.4	+2.4
comp=Z,3um,10.5s									
SIM	Simferopol'	127.80	64	iPKIKP	Pdf	PKP	Pdf	13 59 25.2	+0.5
SIM				ePP				14 04 12.0	
SIM				ePS				14 11 35.0	+2.2
SIM				/SS				14 18 51.0	+1.2
SIM				e				13 59 25.2	+0.5
SIM				e				14 04 12.0	
SIM				e				14 11 35.0	+2.2
SIM				e				14 18 51.0	+1.2
comp=Z,25nm,1.2s									
SIM				e				13 59 25.2	+0.5
comp=Z,290nm,10.9s									
SIM				e				13 59 25.2	+0.5
comp=Z,4um,17.3s									
SORM	Soroca	127.82	58	iPKIKP	Pdf	PKP	Pdf	13 59 26.3	+1.6
SORM				ePKIKP				13 59 26.3	+1.6
VIS	Vishakhapatnam	128.19	128	ePP				13 59 25.8	-0.5
VIS				AMS				14 41 13.0	
comp=Z,10um,19.4s									
GNI	Garni	128.94	76	ePKP	Pdf	PKP	Pdf	13 59 29.5	+2.1
GNI				ePKP				13 59 29.5	+2.1
comp=Z,10um,21.0s									
ANN	Anapa	129.16	66	iPKIKP	Pdf	PKP	Pdf	13 59 24.0	-3.3
ANN				e				13 59 27.4	
ANN				e				14 06 35.6	
ANN				eSS				14 18 59.5	+3.6
ANN				e				13 59 24.0	-3.3
ANN				e				13 59 27.4	
ANN				e				14 06 35.6	
ANN				e				14 18 59.5	+3.6
comp=Z,67nm,1.1s									
CHLP	Challanipeta	129.18	128	ePKIKP	Pdf	PKIKP	Pdf	13 59 28.7	-0.2
SOC	Sochi	129.26	69	iPKIKP	Pdf	PKP	Pdf	13 59 29.4	+1.8
SOC				e				14 01 40.6	
SOC				e				14 04 24.5	
SOC				e				14 11 45.0	-0.5
SOC				e				14 18 59.0	+1.8
SOC				e				14 01 40.6	
SOC				e				14 04 24.5	
SOC				e				14 11 45.0	-0.5
SOC				e				14 18 59.0	+1.8
comp=Z,66nm,1.1s									
SOC				e				14 01 40.6	
SOC				e				14 04 24.5	
SOC				e				14 11 45.0	-0.5
SOC				e				14 18 59.0	+1.8
comp=Z,3um,18.0s									
MIDW	Midway	129.52	257	FFAKE		LR		13 59 40.0	+1.1
MIDW				LR					
comp=Z,12um,20.0s									
NGP	Nagpur	129.53	121	eP				13 59 29.0	+0.2
ILLU	Ilulissat	129.67	2	ePKIKP	Pdf	PKP	Pdf	13 59 26.0	-1.5
ILLU				ePKIKP				13 59 26.0	-1.5
SUE	Sulen	130.04	34	eSKP	Pdf	SKP	Pdf	14 03 01.0	-1.4
SUE				eSS				14 19 08.0	+1.7
AK11	Malin Array Si	130.13	56	ePKP	Pdf	PKP	Pdf	13 59 17.3	
KIEV	Kiev	130.16	56	iPKIKP	Pdf	PKP	Pdf	13 59 27.7	-1.3
KIEV				ePKP				13 59 30.1	+1.1
KIEV				ePKP				13 59 30.1	+1.1
comp=Z,6um,21.0s									
AKAB	Malin Array Be	130.18	56	ePKP	Pdf	PKP	Pdf	13 59 30.4	+1.3
AKAB				ePKIKP				13 59 27.5	-1.6
AKBB	Malin Array Si	130.18	56	ePKP	Pdf	PKP	Pdf	13 59 27.5	-1.6
KONO	Kongsberg	130.26	37	iPKIKP	Pdf	PKP	Pdf	13 59 30.3	+1.4
NEY	Neytrium	130.39	72	iPKIKP	Pdf	PKP	Pdf	13 59 29.3	-0.7
GUMO	Gumo	130.59	207	FFAKE		LR		13 59 40.0	+9.0
GUMO				LR					

ZEI	Tsey	130.59	73	iPKIKP	Pdf	PKP	Pdf	13 59 31.3	+0.9
ZEI				ePP				14 01 05.1	-5.0
comp=Z,107nm,1.3s									
BHPL	Bhopal	130.68	118	eP				13 59 31.5	+0.5
BHPL				eP				14 02 13.9	
comp=Z,26nm,4.3s									
BHPL				AMS				14 43 23.4	
comp=Z,5um,28.3s									
SRAK	Grakaw	130.68	151	P				13 59 42.2	+1.1
YKA	Yellowknife Ar	130.74	328	ePKIKP	Pdf	PKP	Pdf	13 59 15.9	
YKA				ePKIKP				13 59 15.9	
YKA				ePKIKP				13 59 25.9	+1.3
YKA				ePKIKP				14 02 51.7	-0.8
YKA				ePKIKP				14 12 07.5	-2.2
YKA				ePKIKP				14 12 07.5	-2.2

Main data table containing station names, coordinates, and various parameters. Includes a detailed table for 'CSEM 15 13:41:24.0±0.3, 44°42'N-21°88'E, h2km, ML1.5, Error ellipse: s-maj=6.9km s-min=4.8km az=76.0, Mining explosion., Northwestern Balkan Peninsula' at the bottom right.

Table with columns: Station Name, Elevation, Frequency, and other technical details for stations 15d 13h.

ISCJJB 15 13:41:31.8,0.7,36.786S,0:05:17.173E,0:07,h288km,4km, mb3.8/4, Error ellipse: s-maj=10.05km s-min=6.6km az=154.1

NEIC 15 13:41:31.4,0.0,36.575S,177:22E,h273km,ML2,(WEL), After WEL.

WEL 15 13:41:32.1,37.5S,127:17E,h269km,13km, IDC 15 13:41:34.6,3.1,36.925S,176:68E,h261km,65km,mb3.7/4, mb1 3.9/5,mb1mx3.5/28,mbtmp4.4/5, Error ellipse: s-maj=156.1km s-min=30.3km az=116.0

ISC 15 13:41:33.3,1.0,36.965S,0:08:17.01E,0:07,h280km,7km, n248,r#36/255,mb3.8/4, Off east coast of North Island

Main station list table for the 15d 13h section, including station names, elevations, frequencies, and other technical data.

Main station list table for the 2012 JAN section, including station names, elevations, frequencies, and other technical data.

Main station list table for the 692 section, including station names, elevations, frequencies, and other technical data.

IDC 15 13:45:38.3,1.0,35:37N,0:03W,h0km,mb3.6/6,mb1 3.8/9, mb1mx3.5/4,mbtmp3.6/9,ML4.6/1, Error ellipse: s-maj=24.4km s-min=23.8km az=177.0

EIBI	7.9nm,0.2s,SNR=25	S	Sn	13 47 24.7 -2.9	ESAC	1.6nm,0.3s Sn Caprisio	6.34	2	P	Pn	13 47 16.4 +2.6	MVO	eSn	Sn	13 48 54.2 -2.9
EJIF	4.1nm,0.4s,SNR=5.7	P	Pn	13 46 40.8 -1.1	ESAC	4.6nm,0.3s,SNR=8.4			S	Sn	13 48 25.4 -0.1	MVO	A	Sn	13 49 40.1
EJIF	2.1nm,0.2s,SNR=7.9	P	Pn	13 46 40.8 -1.1	ESAC	8.8nm,0.3s,SNR=7.9	6.34	2	P	Sn	13 48 16.4 +2.6	MVO	12nm,0.7s		
MDT	Midelt	4.13 233	Pn	13 46 43.7 +0.1	ESAC	4.6nm,0.3s,SNR=8.4			S	Sn	13 48 25.4 -0.1	MVO	Moncorvo	7.62 321	P
EADA	Adamuz	4.17 313	Pn	13 46 44.2 +0.1	PESTR	8.8nm,0.3s,SNR=7.9	6.51	304	ePn	Sn	13 47 15.7 -0.5	MVO	1.1nm,0.2s,SNR=7.9	7.62 321	P
EADA	Adamuz	4.17 313	Pn	13 47 30.6 -1.6	PESTR	8.8nm,0.6s			eSn	Sn	13 48 26.8 -2.9	MVO	3.4nm,0.2s,SNR=13		Sn
EADA	Adamuz	4.17 313	Pn	13 46 44.2 +0.1	PESTR	8.8nm,0.6s	6.51	304	ePn	Sn	13 47 15.7 -0.5	MVO	1.1nm,0.2s,SNR=7.9		Sn
EADA	Adamuz	4.17 313	Pn	13 47 30.6 -1.6	PESTR	8.8nm,0.6s			eSn	Sn	13 48 26.8 -2.9	MVO	12nm,0.7s		Sn
ESPR	Espera	4.43 291	Pn	13 46 47.5 -0.1	MESJ	Messejana	6.53 294	ePn	Sn	13 47 16.0 -0.4	SJAF	Saint Jean de	7.63 20	P	Pn
ESPR	Espera	4.43 291	Pn	13 47 38.9 +0.5	MESJ	Messejana	6.53 294	ePn	Sn	13 48 26.3 -3.7	SJAF	Saint Jean de	7.63 20	P	Pn
ESPR	Espera	4.43 291	Pn	13 46 47.5 -0.1	MESJ	Messejana	6.53 294	ePn	Sn	13 47 16.0 -0.4	EPF	Esparros	7.69 6	ePn	Pn
ESPR	Espera	4.43 291	Pn	13 47 38.9 +0.5	MESJ	Messejana	6.53 294	ePn	Sn	13 48 26.3 -3.7	EPF	Esparros	7.69 6	ePn	Pn
ZFT	Errachidia	4.51 223	eP	13 46 58.0 -2.5	MESJ	Messejana	6.53 294	ePn	Sn	13 47 16.0 -0.4	EPF	Esparros	7.69 6	ePn	Pn
ZFT	Errachidia	4.51 223	eP	13 47 42.0 +1.3	MESJ	Messejana	6.53 294	ePn	Sn	13 48 26.3 -3.7	EPF	Esparros	7.69 6	ePn	Pn
ECAB	Ei Cabril	4.65 307	Pn	13 46 49.6 -1.0	EVO	Evora	6.65 300	ePn	Sn	13 47 17.2 -0.8	ATE	Arete	7.70 0	P	Pn
ECAB	Ei Cabril	4.65 307	Pn	13 47 41.1 -2.7	EVO	Evora	6.65 300	ePn	Sn	13 48 29.1 -3.9	ATE	Arete	7.70 0	P	Pn
ECAB	Ei Cabril	4.65 307	Pn	13 46 49.6 -1.0	EVO	Evora	6.65 300	ePn	Sn	13 47 17.2 -0.8	ATE	Arete	7.70 0	P	Pn
ECAB	Ei Cabril	4.65 307	Pn	13 47 41.1 -2.7	EVO	Evora	6.65 300	ePn	Sn	13 48 29.1 -3.9	ATE	Arete	7.70 0	P	Pn
EMOS	Mosqueruela	4.98 2	P	13 46 56.4 +1.0	EVO	Evora	6.65 300	ePn	Sn	13 47 17.2 -0.8	ATE	Arete	7.70 0	P	Pn
EMOS	Mosqueruela	4.98 2	P	13 47 49.1 -3.2	EVO	Evora	6.65 300	ePn	Sn	13 48 29.1 -3.9	ATE	Arete	7.70 0	P	Pn
EMOS	Mosqueruela	4.98 2	P	13 46 56.4 +1.0	EVO	Evora	6.65 300	ePn	Sn	13 47 17.2 -0.8	ATE	Arete	7.70 0	P	Pn
EMOS	Mosqueruela	4.98 2	P	13 47 49.1 -3.2	EVO	Evora	6.65 300	ePn	Sn	13 48 29.1 -3.9	ATE	Arete	7.70 0	P	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 46 56.1 +0.5	PMRV	Marv??o	6.69 309	ePn	Sn	13 47 18.8 +0.2	PMAFR	Mafr	7.72 300	S	Sn
ESDC	Sonsecra Array	5.01 330	Pn	13 47 51.7 -1.1	PMRV	Marv??o	6.69 309	ePn	Sn	13 48 32.2 -1.8	SJPF	Ste Jean	7.74 357	ePn	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 48 06.3	PMRV	Marv??o	6.69 309	ePn	Sn	13 48 32.2 -1.8	SJPF	Ste Jean	7.74 357	ePn	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 46 56.1 +0.5	PMRV	Marv??o	6.69 309	ePn	Sn	13 49 17.6	PCAS	Casmilo, Conde	7.74 309	ePn	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 47 52.2 -0.6	PMRV	Marv??o	6.69 309	ePn	Sn	13 47 18.8 +0.2	PCAS	Casmilo, Conde	7.74 309	ePn	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 46 56.1 +0.5	PMRV	Marv??o	6.69 309	ePn	Sn	13 48 32.2 -1.8	PCAS	Casmilo, Conde	7.74 309	ePn	Pn
ESDC	Sonsecra Array	5.01 330	Pn	13 47 52.2 -0.6	PMRV	Marv??o	6.69 309	ePn	Sn	13 48 32.2 -1.8	PCAS	Casmilo, Conde	7.74 309	ePn	Pn
PAB	San Pablo	5.07 326	P	13 46 56.4 -0.1	MORF	Marlete	6.70 289	ePn	Sn	13 47 18.4 -0.4	PVIS	Viseu	7.78 315	ePn	Pn
PAB	San Pablo	5.07 326	P	13 47 52.5 -1.8	MORF	Marlete	6.70 289	ePn	Sn	13 48 31.7 -2.6	PVIS	Viseu	7.78 315	ePn	Pn
PAB	San Pablo	5.07 326	P	13 46 56.4 -0.1	MORF	Marlete	6.70 289	ePn	Sn	13 47 18.4 -0.4	PVIS	Viseu	7.78 315	ePn	Pn
PAB	San Pablo	5.07 326	P	13 47 52.5 -1.8	MORF	Marlete	6.70 289	ePn	Sn	13 48 31.7 -2.6	PVIS	Viseu	7.78 315	ePn	Pn
PAB	San Pablo	5.07 326	P	13 46 56.4 -0.1	MORF	Marlete	6.70 289	ePn	Sn	13 47 18.4 -0.4	PVIS	Viseu	7.78 315	ePn	Pn
PAB	San Pablo	5.07 326	P	13 47 52.5 -1.8	MORF	Marlete	6.70 289	ePn	Sn	13 48 31.7 -2.6	PVIS	Viseu	7.78 315	ePn	Pn
ETOS	Mallorca	5.20 31	P	13 46 58.2 0.0	MORF	Marlete	6.70 289	ePn	Sn	13 47 18.4 -0.4	PVIS	Viseu	7.78 315	ePn	Pn
ETOS	Mallorca	5.20 31	P	13 47 55.1 -2.3	MORF	Marlete	6.70 289	ePn	Sn	13 48 31.7 -2.6	PVIS	Viseu	7.78 315	ePn	Pn
ETOS	Mallorca	5.20 31	P	13 46 58.2 0.0	MORF	Marlete	6.70 289	ePn	Sn	13 47 18.4 -0.4	PVIS	Viseu	7.78 315	ePn	Pn
ETOS	Mallorca	5.20 31	P	13 47 55.1 -2.3	MORF	Marlete	6.70 289	ePn	Sn	13 48 31.7 -2.6	PVIS	Viseu	7.78 315	ePn	Pn
KIB	El Kisiba	5.24 239	eP	13 47 08.0 -4.8	EMIR	Miracle	6.76 14	P	Pn	13 47 21.2 +1.6	EALK	Alkurruntz	7.86 356	P	Pn
KIB	El Kisiba	5.24 239	eP	13 48 00.0 +1.5	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
UCM	Universidad Co	5.32 339	eP	13 47 01.2 +1.4	EMIR	Miracle	6.76 14	P	Pn	13 47 21.2 +1.6	EALK	Alkurruntz	7.86 356	P	Pn
UCM	Universidad Co	5.32 339	eP	13 48 00.2 -0.1	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
EMIN	Mina Concepcio	5.36 298	P	13 47 00.8 +0.4	EMIR	Miracle	6.76 14	P	Pn	13 47 21.2 +1.6	EALK	Alkurruntz	7.86 356	P	Pn
EMIN	Mina Concepcio	5.36 298	P	13 47 58.7 -2.7	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
EMIN	Mina Concepcio	5.36 298	P	13 47 00.8 +0.4	EMIR	Miracle	6.76 14	P	Pn	13 47 21.2 +1.6	EALK	Alkurruntz	7.86 356	P	Pn
EMIN	Mina Concepcio	5.36 298	P	13 47 58.7 -2.7	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
ETOR	Torete	5.54 349	P	13 47 04.0 +1.1	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
ETOR	Torete	5.54 349	P	13 48 04.8 -1.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
ETOR	Torete	5.54 349	P	13 47 04.0 +1.1	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
ETOR	Torete	5.54 349	P	13 48 04.8 -1.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
ERT	Horta de San J	5.63 8	P	13 47 04.3 +0.2	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
ERT	Horta de San J	5.63 8	P	13 48 05.6 -2.5	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
ERT	Horta de San J	5.63 8	P	13 47 04.3 +0.2	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
ERT	Horta de San J	5.63 8	P	13 48 05.6 -2.5	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
TZC	Tazercouste	5.79 238	eP	13 47 16.0 -6.3	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
TZC	Tazercouste	5.79 238	eP	13 48 12.0 -0.3	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 47 05.8 -0.6	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 48 09.9 -2.3	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 47 05.8 -0.6	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 48 09.9 -2.3	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 47 05.8 -0.6	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PBAR	Barrancos	5.80 301	ePn	13 48 09.9 -2.3	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
EGRO	El Granado	5.87 293	P	13 47 05.9 -1.5	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
EGRO	El Granado	5.87 293	P	13 48 10.3 -3.6	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
EGRO	El Granado	5.87 293	P	13 47 05.9 -1.5	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
EGRO	El Granado	5.87 293	P	13 48 10.3 -3.6	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
GUD	Guadarrama	5.92 334	P	13 47 09.2 +1.0	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
GUD	Guadarrama	5.92 334	P	13 48 13.3 -3.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
GUD	Guadarrama	5.92 334	P	13 47 09.2 +1.0	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
GUD	Guadarrama	5.92 334	P	13 48 13.3 -3.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 47 08.6 -0.7	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 48 14.3 -3.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 47 08.6 -0.7	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 48 14.3 -3.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 47 08.6 -0.7	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
PVAQ	Vaqueiros	6.01 292	ePn	13 48 14.3 -3.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz	7.86 356	P	Pn
EBAD	Badajoz	6.07 306	P	13 47 09.2 -0.9	EMIR	Miracle	6.76 14	P	Pn	13 47 19.9 -1.0	EALK	Alkurruntz	7.86 356	P	Pn
EBAD	Badajoz	6.07 306	P	13 48 14.8 -4.0	EMIR	Miracle	6.76 14	P	Pn	13 48 31.7 -2.6	EALK	Alkurruntz</			

DDI	Dehra Dun	137.09 114	eP	PKP	AMS	14 40 54.7	-0.2
DDI				AMS		15 09 24.4	
FINES	FINES Array B	137.10 44	PKHKP	PKPpre		14 40 48.5	
FINES				SKPbc		14 44 22.2	-2.8
FIAT	FINES Array S	137.10 44	ePKP	PKP		14 40 53.4	-0.4
SMS	Simla	137.38 113	ePKP	PKP		14 40 54.4	-0.9
MOS	Moscow	137.47 57	ePKHKP	PKP		14 40 52.5	-2.1
MOS				e		14 46 51.0	
RES	Resolute Bay	137.69 346	ePKHKP	PKPpre		14 40 50.2	
DHRM	DHARAMSHALA	137.93 111	AMS	PKP	AMS	14 40 57.3	+0.7
DHRM				AMS		15 08 41.7	
SHL	Shilong	138.48 134	eP	PKP	AMS	14 40 57.3	-0.5
SHL				AMS		15 00 54.5	
IMP	Imphal	138.52 137	eP	PKP	AMS	14 40 56.0	-1.7
IMP				eS		14 44 41.0	+1.5
BMRM	Bremner River	139.06 312	ePKP	PKP		14 40 58.9	+1.4
DAWY	Dawson	139.32 318	ePKP	PKPpre		14 40 52.7	
DAG	Danmarks Havn	139.39 12	ePKHKP	PKP		14 41 05.4	+7.8
DAG				iP		14 41 05.4	+7.8
KDAD	Kodiak Island	140.02 304	iPKHKP	PKP		14 41 02.4	+3.1
MENT	Mentasta	140.04 315	ePKP	PKP		14 40 56.0	-3.2
SEW	Seward	140.30 308	ePKP	PKP		14 40 58.0	-1.6
EGAK	Eagle	140.37 316	ePKP	PKPpre		14 40 53.7	
INK	Inuvik	140.37 325	ePKHKP	PKPpre		14 40 53.1	
INK				e		14 40 53.1	
INK	Inuvik	140.37 325	ePKHKP	PKPpre		14 40 52.5	
INK				e		14 40 53.9	
DOT	Dot Lake	140.62 315	ePKP	PKPpre		14 40 58.7	-1.7
PAX	Paxson	140.68 314	ePKHKP	PKP		14 40 58.7	-1.7
PAX				e		14 40 58.7	-1.7
SML	Sawmill	140.97 311	ePKHKP	PKP		14 41 00.0	-1.0
SML				e		14 41 00.0	-1.0
RC01	Rabbit Creek A	141.04 310	ePKP	PKPpre		14 40 58.4	
PMR	Palmer	141.13 310	ePKP	PKPpre		14 40 59.9	-1.3
PMR				e		14 40 59.9	-1.3
KMI	Kunming	141.42 148	PKP	PKP		14 41 01.5	-1.7
KMI				LR			
KMI				LR			
DHY	Denali Highway	141.42 313	ePKP	PKP		14 41 00.6	-1.3
KLMR	Klimovskoe	141.59 52	ePKHKP	PKPpre		14 40 57.7	
KLMR				PKP		14 40 57.8	-4.2
KLMR				AMS		14 41 14.6	
KLMA				ePP		14 43 45.6	-2.1
SDPT	Sand Point	141.77 297	ePKP	PKP		14 41 01.5	-1.0
LSA	Lhasa	141.97 130	PKP	PKPpre		14 40 58.5	
LSA				e		14 40 58.0	
LSA	Lhasa	141.97 130	ePKHKP	PKPpre		14 40 58.0	
SPU	Mount Spurr	141.99 309	ePKP	PKP		14 41 02.3	-0.5
HDA	Harding Lake	142.09 315	ePKP	PKP		14 41 03.7	+0.8
RND	Reindeer	142.15 313	ePKHKP	PKPpre		14 40 57.8	
RND				e		14 41 04.2	
RND	Reindeer	142.15 313	ePKP	PKPpre		14 40 57.8	
RND				e		14 40 57.8	
ARCES	ARCES Array B	142.29 315	PKHKP	PKPpre		14 40 57.4	+1.1
ARCES				e		14 44 37.0	
IL1	Eielson Array	142.29 316	ePKP	PKP		14 41 03.2	0.0
ILAR	Eielson Array	142.29 316	ePKHKP	PKPpre		14 40 58.1	
ILAR				PKP		14 41 03.6	+0.4
ILAR				SKP		14 44 38.1	
ILB	Eielson Array	142.29 316	ePKP	PKPpre		14 40 58.4	
ILB				e		14 41 03.0	-0.2
MCK	McKinley	142.38 313	ePKHKP	PKPpre		14 40 58.8	
MCK				e		14 41 04.4	+1.0
MCK	McKinley	142.38 313	ePKP	PKP		14 41 04.5	-0.4
YULB	Yu-li	142.50 176	ePKP	PKP		14 40 57.3	
CCB	Clear Creek Bu	142.53 315	ePKP	PKPpre		14 41 03.5	0.0
COLA	College	142.68 315	ePKHKP	PKP		14 41 03.5	-0.3
COLA				e		14 40 59.8	
TRF	Thorofore Moun	142.69 312	ePKP	PKPpre		14 41 05.2	+1.2
FYU	Fort Yukon	142.81 319	ePKP	PKP		14 41 05.2	+1.2
MDM	Murphy Dome	142.86 315	ePKP	PKPpre		14 41 04.9	+0.7
MDM				e		14 41 03.8	-1.3
IUG	Iuzhny	142.87 95	ePKP	PKP	MLR	15 46 01.0	
SSBL	Suanguing	142.88 175	ePKP	PKPpre		14 41 00.5	
SFK	Sufi-Kurgan	142.91 101	ePKP	PKPpre		14 41 01.3	
AKTO	Aktyubinsk	142.94 76	PKHKP	PKPpre		14 40 59.2	
AKTO				e		14 40 57.8	
AKTO				PKP		14 41 00.7	
KTH	Kantishna Hill	142.98 312	ePKP	PKP		14 41 09.3	+4.8
TMCR	Tamitsa	143.05 47	ePKHKP	PKP		14 41 09.3	+4.8
AB31	Akbulak array	143.06 79	iPKHKP	PKPpre		14 40 58.5	
AB31				PKP		14 40 58.2	
ABKAR	Akbulak array	143.06 79	ePKP	PKPpre		14 40 58.2	
PPLA	Purkeypile	143.06 311	ePKP	PKP		14 41 04.5	-0.3
SVW2	Sparrevohn	143.29 307	ePKP	PKP		14 41 05.9	+0.8
BPWV	Bear Paw Mtn.	143.33 313	ePKP	PKPpre		14 41 00.9	
CAST	Castle Rocks	143.33 311	ePKP	PKP		14 41 04.9	+1.3
CAST				e		14 41 05.2	-0.8
BRLS	Borolday	143.44 94	ePKP	PKP		14 41 03.1	+0.6
APA	Apalday	143.47 40	iPKHKP	PKP		14 41 11.6	
APA				e		14 41 11.6	
APA				PKP		14 41 02.5	
UNV	Unalaska Valle	143.50 291	ePKP	PKPpre		14 41 06.0	-1.0
GVA	Guyang	143.64 153	ePKP	PKP		14 44 22.4	+3.3
GVA				PKS		14 44 40.0	+2.2
GVA				SKKS		14 51 10.0	
GVA				SS		15 03 02.3	+2.9
GVA				AMB			
GVA				LR			
GVA				LR			
GVA				LR			
GVA				LR			
KSH	Kashi	143.71 104	PKP	PKP		14 41 02.8	-0.7
KSH				PP		14 44 16.8	-3.3
KSH				SKS		14 48 14.9	+0.4
KSH				SKKS		14 51 09.8	-0.8
KSH				AMB			
KSH				LR			
KSH				LR			
KSH				LR			
KSH				LR			
MLY	Manley	143.77 314	ePKP	PKPpre		14 41 02.6	
KK31	Kararay Array	143.82 95	ePKHKP	PKPpre		14 41 02.4	
KK31				PKP		14 41 02.6	
KKAR	Kararay Array	143.82 95	ePKHKP	PKPpre		14 41 02.2	
KKAR				e		14 41 02.2	
OZH	Quanzhou	143.90 172	iPKP	PKP		14 44 24.8	+4.4
OZH				PP		14 44 24.8	+4.4
OZH				LR			
OZH				LR			

OZH				LR			
LVZ	Lozovero	144.04 40	ePKHKP	PKP		14 41 06.7	+0.5
LVZ				e		14 41 04.2	-0.1
Taraz		144.06 96	ePKP	PKPpre		14 41 06.0	+0.9
MNAS	Manas	144.33 97	PKHKP	PKP		14 41 03.5	
MNAS				PKP		14 41 06.7	+0.5
HSPB	Hornsund (broa	144.53 22	ePKHKP	PKP		14 41 10.2	+5.2
Almalyshu		144.64 99	P	PKP		14 41 05.4	-1.8
COLD	Coldfoot	144.80 318	ePKP	PKP		14 41 07.2	-0.3
EKS2	Erkin-Say	145.08 98	P	PKP		14 41 08.2	-0.3
UCH	Uchir	145.11 99	P	PKP		14 41 10.7	+1.2
IMAR	Indian Mountai	145.35 314	ePKP	PKP		14 41 09.5	+0.8
KZA	Kyzart	145.35 100	P	PKP		14 41 08.8	+0.9
SPITS	Spitsbergen Ar	145.37 20	PKP	PKP		14 41 08.3	0.0
SPITS				PKP		14 41 13.6	+1.4
SPITS				PKP		14 41 13.6	+1.4
AAK	Ala-Archa	145.41 99	PKP	PKP		14 41 08.7	-0.9
AAK				PKP		14 41 08.3	-1.3
AAK	Ala-Archa	145.41 99	P	PKP		14 41 10.6	+0.8
AAK				PKP		14 41 09.5	-0.1
AAK	Ala-Archa	145.41 99	P	PKP		14 41 09.5	-0.1
FRU	Bishkek	145.61 99	ePKP	PKP		14 41 12.0	+1.6
FRU				PKP		14 41 12.0	+1.6
KBU	Karagaybulak	145.64 99	P	PKP		14 41 08.7	-1.3
CHMS	Chungyulash	145.80 99	P	PKP		14 41 10.0	-0.1
JOW	Kunigami	145.85 187	ePKP	PKP		14 41 10.6	0.0
USP	Ospenovka	145.88 98	P	PKP		14 41 11.2	-0.2
ULHL	Ulhol	145.95 101	P	PKP		14 41 12.1	+0.2
ATKA	Atka Island	146.05 284	ePKP	PKP		14 41 10.4	+0.3
TKM2	Tokmak 2	146.15 100	PKP	PKP		14 41 11.7	-0.3
TKM2				PKP		14 41 10.9	0.0
TKM2				PKP		14 41 10.9	0.0
BMNS	Besmoynik	146.33 100	ePKP	PKP		14 41 10.0	-1.1
BMNS				MLR		15 48 33.9	
ARU	Arti	146.96 68	PKP	PKP		14 41 11.7	+0.2
ARU				PKP		14 41 19.2	-0.1
ARU	Arti	146.96 68	iPKHKP	PKP		14 41 12.3	+0.8
ARU				SS		15 03 38.5	+0.6
ARU	Arti	146.96 68	ePKP	PKP		14 41 13.0	-0.6
MDOK	Medeo	147.03 101	ePKP	PKP		14 41 11.6	-0.8
MDOK				MLR		15 47 23.3	
CD2	Chengdu	147.19 147	PKP	PKP		14 41 12.8	0.0
CD2				PKP		14 41 16.1	-0.7
CD2				PKP		14 41 17.8	
CD2				PP		14 48 41.0	+0.8
CD2				SKS		14 48 21.4	+1.6
CD2				SKKS		15 03 32.1	+1.7
CD2				SS		15 03 44.4	+4.5
CD2				LR			
CD2				LR			
CD2				LR			
SATY	Saty	147.61 102	ePKP	PKP		14 41 12.8	-0.4
ZHN	Zhinshike	147.70 102	ePKP	PKP		14 41 12.9	-0.5
ZHN				MLR		15 46 21.7	
ENH	Enshi	147.92 156	ePKP	PKP		14 41 15.7	-1.3
UZB	Uzymbulak	147.97 103	iPKP	PKP		14 41 12.7	-1.2
UZB				MLR		15 46 16.4	
SVE	Sverdlovsk	148.13 68	ePKP	PKP		14 41 17.0	+0.3
SVE				PKP		14 41 17.0	+0.3
SHLS	Shalkode	148.19 103	ePKP	PKP		14 41 13.4	-0.8
SHLS				MLR		15 49 03.7	
PDGK	Podgornoye	148.33 103	PKHKP	PKP		14 41 17.1	-0.8
PDGK				PKP		14 41 17.1	-0.8
WHN	Wuhan	149.00 164	iPKP	PKP		14 41 17.8	-2.0
WHN				PP		14 44 59.0	+8.4
WHN				PP		14 44 59.0	+8.4
WHN				LR			
WHN				LR			
BRVK	Borovyoye	150.49 81	ePKHKP	PKP		14 41 17.8	+0.5
BRVK							

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

SOME 15:16:30.23.3, 41.80N, 79.32E, h15km, MS2.9
KRNET 15:16:30.24.6.0.1, 41.96N, 79.33E, mb2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRZ Prtzeval'sk, SHLS Shalkode, PDGK Podgornoye, etc.

IDC 15:16:35.23.2.1.5, 60.92S, 56.47W, h0km, mb4.3/3, mb1.4/3, mb1mx3.8/19, mbtmp4.1/3, Error ellipse: s-maj=91.1km s-min=50.0km az=117.0

NEIC 15:16:35.24.2.1.0, 60.74S, 57.12W, h10km, mb4.6/1, Error ellipse: s-maj=48.1km s-min=18.4km az=125.0

IDC 15:16:35.24.2.1.4, 60.75S, 57.37W, h10km, n14, s=117/8, mb4.0/3, South Shetland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMSA Palmer Station, GSPA South Pole Qui, H10S3 ASCENSION HYDR60.50, etc.

IDC 15:16:39.12.6.3.9, 5.00N, 94.45E, h0km, mb3.3/4, mb1.3.5/4, mb1mx3.2/3, mbtmp3.3/4, Error ellipse: s-maj=150.3km s-min=24.5km az=63.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H0S22 Diego Garcia H, H0S33 Diego Garcia H, etc.

NEIC 15:16:44.41.6.1.1, 60.76S, 56.50W, h10km, mb4.8/1, Error ellipse: s-maj=94.7km s-min=28.4km az=106.0

IDC 15:16:44.41.3.1.2, 61.35S, 55.59W, h0km, mb4.1/4, mb1.4/2, mb1mx3.7/19, mbtmp4.0/4, Error ellipse: s-maj=72.0km s-min=34.3km az=93.0

IDC 15:16:44.41.6.1.1, 60.75S, 57.37W, h10km, n14, s=130/7, mb4.0/3, South Shetland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, CPUP Villa Florida, H10S3 ASCENSION HYDR60.26, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR61.56, TORD Torodi Arr, ASAR Alice Springs, etc.

MEX 15:16:49.00.0.0.7, 18.06N, 103.66W, h15km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, MMIG, R15V, etc.

IDC 15:16:59.52.3.4.5, 71.67N, 1.39W, h0km, mb3.4/3, mb1.3.5/6, mb1mx3.2/3, mbtmp3.4/6, ML3.1/3, Error ellipse: s-maj=69.5km s-min=39.5km az=107.0

NAO 15:16:59.54.7.5.5, 71.56N, 1.93W, ML2.9
IDC 15:16:59.54.6.4.7, 71.70N, 1.12W, h10km, n17, s=070/16, mb3.4/3, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAG Danmarks Havn, SPA0 Spitsbergen Arr, ARAO ARCESS Array S, etc.

DDA 15:17:04.01.7.37, 24N, 36.28E, h7km, Md2.3
IDC 15:17:04.02.6.0.7, 37.29N, 0.07E, h15km, 6km, Error ellipse: s-maj=11.4km s-min=1.4km az=16.4

CSEM 15:17:04.03.9.0.4, 37.27N, 36.31E, h10km, MD2.3, Error ellipse: s-maj=12.7km s-min=1.6km az=24.0

ISK 15:17:04.03.0.37, 47N, 36.34E, h20km, ML2.5
IDC 15:17:04.02.0.1.3, 37.29N, 0.05E, h8km, n11km, n13, s=073/23, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANDA Andirind, ANDN Andirind, KAMA, KOZT, etc.

MEX 15:17:06.44.6.0.9, 15.51N, 91.21W, h16km, 38km, MD3.5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCIG Comitana, CCIG, PCIG, PCIG

IDC 15:17:10.07.2.6.8, 38S, 112.96E, h0km, mb3.2/4, mb1.3.4/4, mb1mx3.2/32, mbtmp3.3/4, Error ellipse: s-maj=127.3km s-min=22.7km az=52.0

ISCJB 15:17:10.22.4.0.6, 8.62S, 0.07E, h140km, 6km, mb3.1/4, Error ellipse: s-maj=11.4km s-min=5.6km az=6.2

DJA 15:17:10.24.0.5.9, S, 14.11E, h123km, 6km, M3.1/1, MLV3.1/1

ISC 15:17:10.23.1.1.0, 8.63S, 0.08E, h113.08E, 0.04, h137km, 8km, n15, s=086/24, mb3.2/4, Jawa

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

ISCJB 15:17:31.47.1.0.8, 71.68N, 0.06E, h10km, mb3.2/6, Error ellipse: s-maj=14.1km s-min=8.4km az=160.9
IDC 15:17:31.47.4.1.1, 71.67N, 2.36W, h0km, mb3.3/6, mb1.3.7/12, mb1mx3.5/45, mbtmp3.6/12, ML3.2/6, MS3.1/2, Ms1.3/12, ms1mx2.7/36, Error ellipse: s-maj=24.6km s-min=15.3km az=61.0

NAO 15:17:31.53.4.1, 71.57N, 1.15W, h19km, ML2.9
ISC 15:17:31.49.0.0.9, 71.73N, 0.07E, 2.2W, 0.1, h10km, n20, s=195/22, mb3.2/6, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr, etc.

ISCJB 15:18:01.27.1.0.5, 71.98N, 0.05E, 0.4E, 0.2, h10km, mb3.4/9, MS3.2/3, Error ellipse: s-maj=8.0km s-min=6.7km az=40.5

IDC 15:18:01.27.9.0.8, 71.92N, 0.03E, h0km, mb3.5/8, mb1.3.8/14, mb1mx3.6/43, mbtmp3.7/14, ML3.5/6, MS3.3/6, Ms1.3.3/6, ms1mx2.9/53, Error ellipse: s-maj=22.2km s-min=13.8km az=56.0

CSEM 15:18:01.27.3.0.3, 72.09N, 0.03E, h5km, ML2.6, Error ellipse: s-maj=9.5km s-min=6.7km az=36.0

NAO 15:18:01.30.5.4.1, 71.86N, 0.81E, ML3.3
BER 15:18:01.30.7.4.0, 72.10N, 0.08E, h0km, 50km, ML2.6, s=133/3, SWA(0)

ISC 15:18:01.29.0.0.6, 71.90N, 0.07E, 0.07E, h10km, n49, s=1870/51, mb3.5/9, MS3.2/3, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOF Lofoten, STEI Steigen, TRO Tromso, etc.

AREO ARCESS Array S, HEF Hetta, AKN Aaknes, AKN Aaknes, AKN Aaknes

HYA Hoyanger, SUMG Summit, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B

NC602 NORSAR Array S, NC602 NORSAR Array S, BLSS Blasjo, HFS Hagfors, HFS Hagfors

NAO NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S

BLSS Blasjo, HFS Hagfors, HFS Hagfors, HFS Hagfors

NAO NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S

BLSS Blasjo, HFS Hagfors, HFS Hagfors, HFS Hagfors

NAO NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S

BLSS Blasjo, HFS Hagfors, HFS Hagfors, HFS Hagfors

NAO NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B

NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S, NC602 NORSAR Array S

Table with columns: HHC, PET SONM, ULN, ZAK, ZAK, ZAK, ZAK, KLR, SEY, ZEA, ZEA, YAK. Includes station names like HHC, PETSONM, ULN, ZAK, KLR, SEY, ZEA, YAK and various parameters.

IDC 15 19:06:43.6,0.6,141.365x:12.66W,h0km,mb4.0/19,
ms1 4.1/19,mb1mx3.9/43,mbtmp4.0/19,MS4.4/9,
ms1 4.4/9,ms1mx4.1,17.7,Error ellipse: s-maj=22.4km
s-min=16.1km az=164.0
ISCJB 15 19:06:44.5,0.4,15.635:0.08:13.08W,0.08,h10km,
mb4.5/52,MS4.4/12,Error ellipse: s-maj=13.4km
s-min=8.5km az=139.7
NEIC 15 19:06:45.0,5.0,15.685x:12.91W,h10km,mb5.1/16,Error
ellipse: s-maj=17.4km s-min=12.9km az=161.0
GCMT 15 19:06:45.0,5.0,15.555x:13.20W,h15km,1km,MW5.1/83,
Moment Tensor Solution. s23,c25; s83,c12; Duration:
0 Moment tensor: Scale 10^16Nm, Ml=4.22; 3g;
Ms=1.4; 2g; Ms=5.71; 2g; Mw=2.00; 67; Mw=0.08; 17;
Ms=2.18; 46; Best double couple: Ms.90000x10^16
NP1=23.00000; 662.00000; -1.62.00000; NP2:
0.156.00000; 639.00000; -1.311.00000; Principal axes:
T 6.2000,Plg13.0000,Azm94.0000; N -0.6000,
Plg24.0000,Azm190.0000; P -5.5990,Plg63.0000,
Azm339.0000; nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s.
MOS 15 19:06:45.8,0.9,15.665x:13.19W,h20km,mb5.1/18 Error
ellipse: s-maj=19.5km s-min=8.4km az=64.2
ISC 15 19:06:45.9,0.4,15.735:0.10:13.16W,0.08,h10km,n141,
0199B/120,mb4.8/52,MS4.4/12,16C-10D,Southern
Mid-Atlantic Ridge

Main table for station 703, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Main table for station 2012 JAN, listing station names like KHC, KHC, KHC, RAYN, etc., and various parameters.

Main table for station 15d 19h, listing station names like HHC, HHC, HHC, HHC, etc., and various parameters.

IDC 15 19:07:18.4,7.6,8.995x:156.33E,h0km,mb3.4/3,
ms1 3.6/3,mb1mx3.2/35,mbtmp3.4/3,MS3.2/1,Ms1 3.2/1,
ms1mx2.6/15,Error ellipse: s-maj=127.4km
s-min=86.4km az=22.0, Bougainville-Solomon Islands
region
Code Station Name Az AZZ Phase ID Time Res
h m s ISC
WRA Warramunga Arr 23.88 240 P P 19 12 33.7 -0.2
0.4nm,0.8s,baz=67,slow=7.1,SNR=3.2
GUMO Guam 25.15 333 LR LR 19 22 34.1
comp=Z,53nm,19.5s,baz=106,slow=36
ASAR Alca Springs 25.94 233 P P 19 12 52.7 -0.1
comp=Z,0.4nm,0.8s,baz=61,slow=10.0,SNR=5.2
STKA Stephens Creek 26.57 209 P P 19 12 58.5 +0.2
1.4nm,0.9s,baz=31,slow=12,SNR=1.8
NEIC 15 19:08:26.4,0.8,16.355x:13.01W,h10km,mb4.2/2,Error
ellipse: s-maj=16.5km s-min=13.8km az=172.0
IDC 15 19:08:26.1,2.4,16.195x:13.41W,h0km,mb4.2/9,
mb1 4.2/9,mb1mx3.8/48,mbtmp4.2/9,Error ellipse:
s-maj=137.3km s-min=44.4km az=101.0
ISC 15 19:08:27.0,1.0,16.45x:0.2x:13.0W,0.1,h10km,n22,
01511/16,mb4.2/11,Southern Mid-Atlantic Ridge
Code Station Name Az AZZ Phase ID Time Res
h m s ISC
SHEL Horse Pasture 7.00 88 Op Pn 19 10 07.6 +2.0
H10S2 ASCENSION HYDR 7.51 348 T T 19 10 03.3
baz=167,slow=74,SNR=13
H10S3 ASCENSION HYDR 7.52 347 T T 19 10 04.0
baz=167,slow=74,SNR=16
H10S1 ASCENSION HYDR 7.53 348 T T 19 10 02.5
baz=167,slow=74,SNR=16
ASCN Ascension 8.46 351 ePn Pn 19 10 28.2 -1.5
H10N1 ASCENSION HYDR 8.57 350 T T 19 10 28.0
H10N3 ASCENSION HYDR 8.58 350 T T 19 10 28.7
H10N2 ASCENSION HYDR 8.59 350 T T 19 10 28.1
DBIC Ascension 24.25 20 P P 19 10 43.8 -0.8
1.7nm,0.7s,baz=198,slow=16,SNR=3.4
RCBR Riachuelo 24.74 292 P P 19 10 47.0 -2.0
2.7nm,0.7s
KOWA Kowa 31.91 17 P P 19 14 52.4 -0.5
TORO Torodi Ar. Bea 32.72 27 P P 19 14 59.6 -0.3
2.9nm,0.6s,baz=210,slow=8.6,SNR=6.4
LCO Las Campanas 54.23 246 eP P 19 17 53.5 -0.1
KEST Kesra 55.96 22 P P 19 18 06.2 +0.6
1.3nm,1.2s,baz=270,slow=9.9,SNR=5.5
ESDC Seneca Array 56.37 8 P P 19 18 08.6 +0.2
1.1nm,0.9s,baz=186,slow=7.9,SNR=3.5
GERES GERESS Array B 69.11 19 P P 19 19 34.0 +0.7
1.4nm,1.1s,baz=195,slow=6.1,SNR=5.1
BRTR Keston Array B 70.72 36 P P 19 19 46.6 +3.1
2.4nm,0.9s,baz=216,slow=8.0,SNR=4.7
KIEV Kiev 76.33 26 eP P 19 20 15.4 -0.6
4.5nm,1.1s
AKASA Malin Array Be 76.34 26 P P 19 20 17.7 +1.6
3.2nm,1.0s,baz=221,slow=5.6,SNR=7.8
FINES FINES Array B 83.53 18 P P 19 20 56.6 +1.9
1.4nm,0.8s,baz=194,slow=1.1,SNR=3.5
GEYT Alibek 85.74 49 P P 19 21 05.7 -0.8
0.7nm,0.7s,baz=282,slow=7.2,SNR=3.2
ASAR Alca Springs 128.75 140 PKP PKP 19 27 35.1 -0.4
0.4nm,1.1s,baz=222,slow=1.2,SNR=3.6
IDC 15 19:08:28.0,1.2,35.93N:68.85E,h0km,mb3.5/5,
mb3.7/11,mb1mx3.4/59,mbtmp3.6/11,ML3.7/5,Error
ellipse: s-maj=22.0km s-min=8.0km az=88.0
ISCJB 15 19:08:31.0,0.6,36.48N:0.05:68.47E,0.06,h10km,
mb3.2/4,Error ellipse: s-maj=7.7km s-min=5.9km
az=148.9
NINC 15 19:08:37.3,2.6,36.74N:68.69E,h0km,mb4.3,mpv3.9,
Error ellipse: s-maj=23.1km s-min=19.2km az=130.0
ISC 15 19:08:32.7,0.9,36.41N:0.07:68.55E,0.06,h10km,n29,
0134/33,mb3.3/4,9C-1D,Hindu Kush region
Code Station Name Az AZZ Phase ID Time Res
h m s ISC
CEP Cherat 3.77 132 P P 19 09 31.4 +0.3
CEP CEP 3.77 132 P P 19 09 31.4 +0.3
Sb 19 10 25.0 -0.4
THW Thame Wali 4.47 143 P P 19 09 41.7 +1.2
SFK Sufi-Kurgan 5.30 46 P Pn 19 09 53.7 +1.5
5.4nm,0.2s
SFK 13nm,0.3s
MNAS Manas 6.79 26 P Pn 19 10 13.9 +1.3
5.1nm,0.3s
MNAS 6.2nm,0.4s
KK31 Karatay Array 6.85 12 P Pn 19 10 15.1 +1.9
0.5nm,0.2s,baz=199,slow=14,SNR=20
KK31 1.8nm,0.3s
AML Almayashu 6.97 33 P P 19 10 16.1 +1.0
SNR=27
UCH Uchtor 7.42 37 P Pn 19 10 23.3 +0.9
SNR=27
EKS2 Erkin-Say 7.43 31 P Pn 19 10 22.8 +2.5
SNR=20
KZA Kyzart 7.68 41 P Pn 19 10 25.5 +0.5
SNR=25
AAK Ala-Archa 7.73 35 P Pn 19 10 26.6 +1.2
4.8nm,0.3s,baz=185,slow=5.6,SNR=51
AAK 1.5nm,0.3s,baz=120,slow=22,SNR=7.0
AAK Ala-Archa 7.73 35 P Pn 19 10 26.5 +1.1
6.8nm,0.4s
AAK 7.6nm,0.6s
AAK Ala-Archa 7.73 35 P Pn 19 10 26.5 +1.1
SNR=12
KBK Karagaybulak 7.96 36 P Pn 19 10 30.8 +2.3
SNR=15
CHMS Chumysh 8.13 34 P Pn 19 10 31.5 +0.8
SNR=27
USP Oshenovka 8.23 32 P Pn 19 10 32.7 +0.5
SNR=9.9
ULHL Ulhaloh 8.33 43 P Pn 19 10 34.0 +0.3
SNR=13
GEYT Alibek 8.46 283 Pn Pn 19 10 35.1 -0.3
1.7nm,0.3s,baz=102,slow=11,SNR=29
GEYT 0.8nm,0.3s,baz=127,slow=21,SNR=4.2
SNR=13
TKM2 8.47 38 P Pn 19 10 36.0 +0.4
2.9nm,0.4s
TKM2 6.5nm,0.9s
TKM2 Tokmak 2 8.47 38 P Pn 19 10 36.2 +0.6
SNR=7
MKAR Makanchi Array 14.58 40 Pn Pn 19 11 56.5 -2.5
SNR=29
KURBB Kurchatov Arr 15.92 24 Pn Pn 19 12 13.4 -3.2
baz=22,slow=22,SNR=2.3
AAK Aktyubinsk 15.94 335 Pn Pn 19 12 18.0 +1.0

15d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Rows include BVAR Borovoye Array, ZALV Zalesovo Beam, SONM Sogingo Array, AKASG Malin Array Be, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajlata Array.

ISCJB 15 19:11:24.05.0.15,61S:0.10:13:22W:0.08,h10km, mb4.2/19,MS4.2/1, Error ellipse: s-maj=14.0km s-min=10.9km az=169.2

IDC 15 19:11:24.0.0.15,70S:13:21W,h0km,mb4.2/18, mb1.4/3/18,mb1mx3.0/46,mbtmp4.2/18,MS4.2/1, Ms1.4/2/1,ms1mx3.3/33, Error ellipse: s-maj=21.7km s-min=17.7km az=161.0

NEIC 15 19:11:25.6.0.4,15:68S:13:26W,h10km,mb4.1/1, Error ellipse: s-maj=12.3km s-min=10.0km az=167.0

ISC 15 19:11:25.9.0.6,15:75S:10:13:25W,0.09,h10km,n33, a=1500/25,mb4.3/18,Southern Mid-Atlantic Ridge

Main table for 15d 20h section, listing station names like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, SHEL Horse Pasture, etc.

MEX 15 19:15:33.4.0.8,14:36N-93:12W,h15km,68km,MD4.0, Near coast of Chiapas

Table for MEX 15 19:15:33.4.0.8, listing stations like PCIG Comitan, CCIG Comitan, TGIG Comitan.

IDC 15 19:16:13.4:58.0,19:62S-179:13W,h0km,mb3.7/3, mb1.3/9/3,mb1mx3.5/30,mbtmp3.7/3, Error ellipse: s-maj=1055.0km s-min=163.4km az=81.0,Fiji Islands region

Table for IDC 15 19:16:13.4:58.0, listing stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

ISCJB 15 19:21:58.8:0.6,12:11N-0:05:45:79E:0.05,h10km, mb3.8/13, Error ellipse: s-maj=7.3km s-min=6.2km az=141.3

IDC 15 19:21:58.8:1.0,12:03N-45:87E,h0km,mb3.8/12, mb1.3/9/14,mb1mx3.8/36,mbtmp3.8/14,ML3.6/2,MS3.2/1, Ms1.3/2/1,ms1mx2.8/39, Error ellipse: s-maj=24.0km s-min=18.8km az=173.0

CSEM 15 19:22:00.7:12:37N-45:81E,h7km,ML4.3 DHMR 15 19:22:00.7:12:37N-45:81E,h8km,ML4.3

ISC 15 19:22:01.0:0.7,12:17N:0:06:45:79E:0.06,h10km,n24, a=1581/32,mb3.8/13,6C,Western Gulf of Aden

Main table for 15d 20h section, listing stations like ADEN Aden, BDHA Al Bayda', DHBA Dhamar BB, etc.

2012 JAN

Table for 2012 JAN section, listing stations like HAJJ Hajjah, KMBO Kilima Mbogo, WSAR Wadi Sarin, etc.

IDC 15 19:29:45.9:2.6,15:85S:13:18W,h0km,mb4.1/10, mb1.4/2/10,mb1mx3.9/43,mbtmp4.1/10,MS3.7/4, Ms1.3/7/4,ms1mx3.3/20, Error ellipse: s-maj=96.9km s-min=60.9km az=121.0,Southern Mid-Atlantic Ridge

Main table for 2012 JAN section, listing stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, etc.

IDC 15 19:36:43.8:17.0,6:37S:150:21E,h650km,160km, mb2.1/3,mb1.2/3,mb1mx2.1/26,mbtmp3.1/3, Error ellipse: s-maj=228.3km s-min=60.3km az=83.0,New Britain region

Table for IDC 15 19:36:43.8:17.0, listing stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makarani Array, etc.

ISCJB 15 19:37:42.7:0.4,39:09N:0:02:28.14E:0.02,h8km,3km, Error ellipse: s-maj=3.4km s-min=2.9km az=31.5

CSEM 15 19:37:42.9:0.1,39:08N:28:13E,h10km,ML3.2, Error ellipse: s-maj=1.9km s-min=1.6km az=38.0

DDA 15 19:37:42.3,39:10N:28:13E,h7km,ML3.2

ISC 15 19:37:42.0,39:10N:28:14E,h8km,ML2.9

ISC 15 19:37:42.6:1.0,39:10N:0:02:28.12E:0.02,h11km,9km, n86,0:064/110,Turkey

Main table for 2012 JAN section, listing stations like AKHS Akhisar, AKS Akhisar, STEP BALKESIR_Sava, etc.

704

Table for 704 section, listing stations like KHAL Karahalli, BAYC CANAKKALE_Bayr, MDNY Mudanya-Bursa, etc.

IDC 15 19:44:54.7:3.0,24:68S:179:20E,h0km,mb3.9/3, mb1.4/1/3,mb1mx3.7/23,mbtmp3.9/3, Error ellipse: s-maj=1294.0km s-min=162.6km az=88.0,South of Fiji Islands

Table for IDC 15 19:44:54.7:3.0, listing stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 15 20:33:50.3:4.0,29:78S:137:55E,h0km,mb1.2/7/3, mb1mx2.7/23,mbtmp3.9/3, Error ellipse: s-maj=91.8km s-min=17.3km az=46.0,South Australia

Table for IDC 15 20:33:50.3:4.0, listing stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISK 15 20:52:47.1,39:81N:39:09E,h7km,ML2.8

CSEM 15 20:52:48.3:0.2,39:81N:39:08E,h5km,ML2.8, Error ellipse: s-maj=2.3km s-min=3.1km az=136.0

DDA 15 20:52:48.2,39:81N:39:06E,h10km,ML1.1

ISC 15 20:52:47.8:1.1,39:79N:0:02:39:06E:0.02,h1km,10km, n43,1:522/68,Turkey

Main table for 704 section, listing stations like KELT Kelkit, REFA Refahiye_ERZ, KEMA Kemaliye, etc.

Table with columns: SVSK, Karacayir, 1.59 275 ePN, Pn, 20 53 17.4 +0.3, etc.

NIED 15 21:16:00.36.10N.141.90E, h14km, Mw3.8 Best double couple...

JMA 15 21:16:26.3.0.2.36.11N.141.88E, h67km, Mw3.5, Error ellipse: s-maj=7.5km...

ISCJB 15 21:16:24.0.4.36.06N.103.142.09E, h10.4, h23km, mb4.1/20, MS3.4/1...

NEIC 15 21:16:27.0.1.7.36.05N.142.07E, h31km, mb3.5/10, Error ellipse: s-maj=7.5km...

ISC 15 21:16:25.2.0.6.36.05N.105.142.14E, h23km, n63, +1566/37, mb4.3/20, Off east coast of Honshu

Main table for 705 page listing station names, coordinates, and seismic data.

ISC 15 21:21:23.4.10.0.10.71N-93.80E, h173km, 94km, mb3.0/4, mb1 3.0/5...

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

Table with columns: H08S1 Diego Garcia H, 27.98 230 T, T, 21 54 39.1, etc.

ISC 15 21:27:10.2.1.4.61.16S.56.05W, h0km, mb4.1/3, mb1 4.1/3...

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

Main table for 2012 JAN page listing station names, coordinates, and seismic data.

ISC 15 21:32:32.1.4.1.5.84S.148.76E, h0km, mb2.8/1, mb1 3.4/3...

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

Main table for 2012 JAN page listing station names, coordinates, and seismic data.

ISCJB 15 21:33:46.0.4.4.43.56N.0.04.105.35W, h0.04, h10km, mb3.9/6...

ISC 15 21:33:47.3.1.7.43.50N.105.31W, h0km, mb3.6/6, mb1 3.9/10...

NEIC 15 21:33:47.0.4.4.43.57N.105.26W, h0km, ML3.3, Error ellipse: s-maj=6.7km...

NEIC 82 km [51 miles] S of Gillette, ISC 15 21:33:47.1.0.6.43.58N.0.04.105.30W, h0.03, h10km, n29, +1561/37...

Main table for 2012 JAN page listing station names, coordinates, and seismic data.

Table with columns: NVAR Mina Array Bea, 11.09 247 Pn, Pn, 21 36 30.0 +3.1, etc.

MEX 15 21:47:01.8.0.6.14.93N-93.66W, h11km, 35km, MD3.9, Near coast of Chiapas

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

CSEM 15 21:50:33.9.0.2.36.37N-58.93E, h10km, ML3.5, Error ellipse: s-maj=6.6km...

TEH 15 21:50:34.6.36.34N-58.90E, h7km, ML3.5, Northern and central Iran

Main table for 15d 21h page listing station names, coordinates, and seismic data.

ISCJB 15 21:55:11.2.0.7.0.96S.0.10.13.86W, h0.09, h13km, mb4.6/11, MS3.6/11...

ISC 15 21:55:11.4.0.9.1.16S.14.04W, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.7/41...

NEIC 15 21:55:12.8.0.6.0.97S.13.94W, h10km, mb4.9/6, Error ellipse: s-maj=18.7km...

ISC 15 21:55:12.2.0.6.1.13S-0.09.133W, h0.1, h13km, n45, +233/33, mb4.6/11, MS3.6/11, North of Ascension Island

Main table for 15d 21h page listing station names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOSA, CPUV, CPUP, KMBO, KARP, GECZ, GERES, LPAZ, BR101, BRTR, RGN, LCO, PLCA, HFS, NOA, FIAO, FINES, GEYT, LTX, TXAR, ASAR, AS31, WR1, WRA.

TAP 15 21:58:35.7, 24.23N, 121.74E, h12km, ML3.6, 6D, B, Taiwan

Main table for TAP 15 21:58:35.7, 24.23N, 121.74E, h12km, ML3.6, 6D, B, Taiwan. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ENA, TWD, HWA, ENSH, NNSH, ENTT, EOST, TWE, TWT, NSK, NNTC, DPDB, LIOB, HGLD, SMLT, TMY, NCUH, NSY, TWS1, NNLH, TCU, WJS, WJS, WNT, YUS, FULL, CHY, YOJ, ELDT, STYT, WTP, CHN1, TWG, SGST, ECL, SSD, EAST, SCZT.

TAP 15 21:58:42.6, 24.24N, 121.73E, h9km, ML3.8, D, Taiwan

Table for TAP 15 21:58:42.6, 24.24N, 121.73E, h9km, ML3.8, D, Taiwan. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ENA, ENA, TWD, TWD.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ENAH, ENAH, NNSH, NNSH, NSK, NSK.

TAP 15 21:58:49.5, 24.23N, 121.71E, h9km, 1km, ML3.7, C, Taiwan

Main table for TAP 15 21:58:49.5, 24.23N, 121.71E, h9km, 1km, ML3.7, C, Taiwan. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWD, TWD, ENA, ENA, ENAH, ENAH, NNSH, NNSH, ENTT, ENTT, TWE, TWE, TWT, TWT, NSK, NSK, NSK.

BUI 15 21:58:48.6, 36.11N, 69.92E, h84km, mb4.4/5, mB4.2/1, Ms4.0/1, Ms7.3/9/1, ISCJB 15 21:58:51.9, 0.4, 35.94N, 0.04, 70.39E, 0.05, h110km, mb3.5/17, Error ellipse: s-maj=6.3km s-min=4.8km az=153.6, IDC 15 21:58:51.2, 2.9, 35.93N, 70.41E, h91km, 24km, mb3.4/17, mb1.8/23, mb1mx3.5/3, mbtmp3.8/23, Error ellipse: s-maj=21.1km s-min=12.4km az=170.0, MOS 15 21:58:51.6, 1.5, 35.90N, 70.32E, h105km, mb3.8/9, Error ellipse: s-maj=14.2km s-min=6.0km az=83.0, NNC 15 21:58:58.8, 2.4, 36.45N, 70.16E, h107km, 39km, mb3.7, mpv4.2, Error ellipse: s-maj=26.3km s-min=18.2km az=128.0

ISC 15 21:58:53.2, 0.5, 35.99N, 0.05, 70.35E, 0.05, h110km, m68, c2947/9, mb3.5/17, 17C-7D, Hindu Kush region

Main table for ISC 15 21:58:53.2, 0.5, 35.99N, 0.05, 70.35E, 0.05, h110km, m68, c2947/9, mb3.5/17, 17C-7D, Hindu Kush region. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SFK, SFK, SFK, KSH, KSH, KSH, DHRM, DHRM, DHRM, DHRM, DHRM, MNAS, MNAS, MNAS, UCH, UCH, SDNR, SDNR, KK31, KK31, KK31, EK2S, EK2S, KZA, AAK, AAK, AAK, AAK, AAK, SMLA, SMLA, SMLA, SMLA, CHMS, CHMS, USP, USP, TKM2, TKM2, TKM2, GEYT, GEYT, BHJ, BHJ, MK31, MK31, MK31, MKAR, MKAR, BHPL, BHPL, BHPL, BHPL, BHPL.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AB31, AB31, KURBB, KURBB, KURK, KURK, AKTO, AKTO, AKTO, BVAO, BVAO, BVAO, BRVK, BRVK, BOK, BOK, DGZ, DGZ, GNI, GNI, ZALV, ZALV, NVS, NVS, NVS, NVS, ARU, ARU, ARU, ARU, ARU, ARU, KBZ, KBZ, KVAR, KVAR, GTA, GTA, SONM, SONM, AKASO, AKASO, FINES, FINES, FINES, FINES, ARCES, ARCES, ARCES, NB2, NB2, NOA, NOA, NOA, NOA, TIXI, TIXI, TIXI, ESCD, ESCD, TORD, TORD, INK, INK, ILAR, ILAR, YKA, YKA, WRA, WRA, ASAR, ASAR.

IDC 15 22:14:39.5, 3.3, 17.78S, 175.13W, h229km, 23km, mb3.8/4, mb1.3/9.5, mb1mx3.4/29, mbtmp4.3/5, Error ellipse: s-maj=107.8km s-min=17.0km az=142.0, Tonga Islands

Main table for IDC 15 22:14:39.5, 3.3, 17.78S, 175.13W, h229km, 23km, mb3.8/4, mb1.3/9.5, mb1mx3.4/29, mbtmp4.3/5, Error ellipse: s-maj=107.8km s-min=17.0km az=142.0, Tonga Islands. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AFI, AFI, AFI, STKA, STKA, WRA, WRA, ASAR, ASAR, ILAR, ILAR, ARCES, ARCES, BRTR, BRTR, GERES, GERES, DAVOX, DAVOX.

WEL 15 22:26:16.8, 43°S, 173°E, h10km, 2km, ML3.7/3, South Island

Main table for WEL 15 22:26:16.8, 43°S, 173°E, h10km, 2km, ML3.7/3, South Island. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CRLZ, CRLZ, CRLZ, MOZ, MOZ, EY CZ, EY CZ, OXZ, OXZ, LTZ, LTZ, KHZ, KHZ, INZ, INZ, RPZ, RPZ, WHZ, WHZ, WVT, WVT, DSZ, DSZ, MOZ, MOZ, LBZ, LBZ, ODZ, ODZ, TUWZ, TUWZ, NNZ, NNZ, PLWZ, PLWZ, QRZ, QRZ.

DDA 15 22:32:41.7, 37.49N, 37.22E, h9km, M3.4, ISK 15 22:32:41.0, 37.51N, 37.20E, h9km, MD2.8, ISCJB 15 22:32:42.6, 0.5, 37.46N, 0.03, 37.16E, 0.04, h17km, 6km, Error ellipse: s-maj=5.8km s-min=5.5km az=177.4, CSEM 15 22:32:42.2, 0.2, 37.48N, 37.19E, h12km, MD2.8, Error ellipse: s-maj=4.6km s-min=4.3km az=124.0, ISC 15 22:32:42.0, 0.9, 37.48N, 0.03, 37.21E, 0.03, h12km, 8km,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Kahramanmaras, Gaziantep, Bozova, Malatya, etc.

IDC 15 22:47:00.3±2.8, 5.84S, 154.59E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.4/3, mbtmp3.5/3, ML1.6/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/15, Error ellipse: s-maj=123.7km s-min=42.4km az=142.0, Bougainville-Solomon Islands region

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

ISCJJB 15 22:47:12.8±0.8, 23.4S, 0.1±180.0W±0.2, h532km, mb3.9/13, Error ellipse: s-maj=21.4km s-min=15.2km az=40.0

IDC 15 22:47:14.0±2.0, 23.52S, 179.83W, h545km, 1.9km, mb3.5/13, mb1 3.7/14, mb1mx3.5/37, mbtmp4.4/14, Error ellipse: s-maj=31.1km s-min=17.4km az=144.0

ISC 15 22:47:12.7±0.7, 23.5S, 0.1±179.8W±0.2, h532km, n24, s±109/26, mb4.0/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Urewera, Stephens Creek, Alice Springs, etc.

MEX 15 22:49:02.3±0.6, 16.28N, 97.88W, h2km±5km, MD4.5 ISCJBJ 15 22:49:03.9±0.2, 16.59N, 0.03±97.61W±0.02, h333km, mb4.6/12, MS3.8/16, Error ellipse: s-maj=4.0km s-min=2.3km az=25.0

NEIC 15 22:49:05.0±0.0, 16.35N, 97.83W, h5km, mb4.7/139, MD4.7(MEX), After MEX.

NEIC Felt [I] at Oaxaca. Also felt at Cuernavaca, Puerto Escudido and Tehuacan.

IDC 15 22:49:11.4±2.6, 16.96N, 97.29W, h75km±2km, mb4.0/16, mb1 4.2/19, mb1mx4.0/37, mbtmp4.3/19, MS3.8/19, Ms1 3.8/19, ms1mx3.6/33, Error ellipse: s-maj=19.0km s-min=12.7km az=56.0

ISC 15 22:49:02.8±0.7, 16.38N, 0.04±97.83W±0.03, h2km±4km, n557, s±193/562, mb4.7/121, MS3.8/17, Oaxaca

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Vista Hermosa, Oaxaca, Tlapa, Puerto Angel, etc.

HOE61 SOCORRO T-PHASE 2.71 283 T T 23 04 21.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Hockley, Lajas Array, Junction City, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Wichita Mounta, Fountain Ranch, Livingston, Whitesboro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WMOK, X39A, 147A, X38A, 121A, 121A, Z45A, MIAR, MIAR, PAYG, Z46A, X40A, X41A, W35A, W35A, W36A, W36A, Y44A, W37B, W37B, W38A, Z47A, X42A, Y45A, UALR, W39A, OK020, OK022, X43A, OK021, Y46A, W40A, W40A, LRAL, LRAL, LRAL, W41B, BNM, X301, V36A, V36A, WHAR, X45A, LPM, TUL1, TUL1, V37A, Z49A, Y47A, V38A, V39A, TUC, TUC, LAZ, LAZ, X46A, X46A, U35A, U35A, Z50A, V41A, U36A, ANMO, ANMO, HHAR, X47A, X47A, Y35A, Y35A, U41A, T34A, T34A, T14A, T14A.

Table with columns: ID, Name, SNR, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

Table with columns: ID, Name, SNR, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

Table with columns: ID, Name, SNR, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

NEIC 15 23:28:32.0, 9.0, 16.74S; 173.37W, h10km, mb4.0/3, Error ellipse: s-maj=11.1km s-min=7.3km az=143.0

IDC 15 23:28:40.1, 0.8, 16.80S; 173.79W, h64km, 5km, mb3.8/9, mb1 4.1/9, mb1mx3.9/26, mbtmp4.1/9, MS3.3/7, Ms1 3.3/7, ms1mx3.1/28, Error ellipse: s-maj=35.9km s-min=14.2km az=143.0

ISC 15 23:28:38.1, 0.6, 16.68S; 0.10, 173.5W, 0.1, h50km, n29, e137/26, mb4.0/12, MS3.3/6, Tonga Islands

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

IDC 15 23:29:16.7, 1.1, 1.70S; 80.75W, h0km, mb3.5/6, mb1 3.9/8, mb1mx3.7/27, mbtmp3.7/8, ML3.4/2, MS3.4/4, Ms1 3.4/2, ms1mx3.0/25, Error ellipse: s-maj=42.8km s-min=18.6km az=54.0

IGQ 15 23:29:17.5, 1.5, 2.1S; 11.8W, h22km, MLv4.8/4

ISC 15 23:29:20.7, 0.8, 1.83S; 0.07, 81.01W, 0.07, h30km, n52, e266/43, mb3.6/6, MS3.2/3, Off coast of Ecuador

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

YKA Yellowknife Arr 68.99 344 P P 23 40 23.1 +0.1

TORD Torodi Ar. Bea 83.31 77 P P 23 41 44.9 -0.5

WRA Warramunga Arr 139.13 236 PKP PKPdf 23 48 45.6 -0.1

NNC 15 23:37:28.7, 4.0, 37.13N; 70.65E, h0km, mb3.5, mpv3.1, 4C-3R, Error ellipse: s-maj=35.8km s-min=28.6km az=129.0, Afghanistan-Tajikistan border region

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

MAN 15 23:45:25.8, 90N; 125.63E, h151km, mb4.2, ML3.1, MS2.8, Mindanao

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

IDC 15 23:51:09.6, 0.8, 20.49S; 70.58W, h40km, 5km, mb3.3/7, mb1 3.8/10, mb1mx3.7/26, mbtmp3.7/10, ML3.7/3, MS2.9/3, Ms1 2.9/3, ms1mx2.8/8, Error ellipse: s-maj=24.7km s-min=22.0km az=80.0

ISCJB 15 23:51:10.0, 0.7, 20.31S; 0.03, 70.49W, 0.07, h57km, 7km, mb3.7/7, MS2.8/1, Error ellipse: s-maj=10.6km s-min=4.9km az=176.9

GUC 15 23:51:11.3, 0.7, 20.26S; 70.32W, h54km, 11km, ML4.9, NEIC 15 23:51:11.0, 0.0, 20.26S; 70.32W, h54km, ML4.9(GUC), After GUC

NEIC 15 23:51:19.7, 0.7, 20.03S; 69.60W, h59km, M3.7/1, Error ellipse: s-maj=22.2km s-min=5.2km az=66.0

ISC 15 23:50:09.7, 0.7, 20.30S; 70.03W, 0.52W, 0.06, h42km, 6km, n47, e152/50, mb3.6/7, TC-6D, Near coast of northern Chile

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

ISC 15 23:59:16.7, 1.1, 1.70S; 80.75W, h0km, mb3.5/6, mb1 3.9/8, mb1mx3.7/27, mbtmp3.7/8, ML3.4/2, MS3.4/4, Ms1 3.4/2, ms1mx3.0/25, Error ellipse: s-maj=42.8km s-min=18.6km az=54.0

IGQ 15 23:29:17.5, 1.5, 2.1S; 11.8W, h22km, MLv4.8/4

ISC 15 23:29:20.7, 0.8, 1.83S; 0.07, 81.01W, 0.07, h30km, n52, e266/43, mb3.6/6, MS3.2/3, Off coast of Ecuador

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

SONM Songoiro Array 152.42 4 PKPbc PKPbc 00 11 03.1 +1.8

SONM comp=E, 0.5nm, 0.5s, baz=312, slow=1.5, SNR=8.9

CD2 Chengdu 168.25 25 PKP PKPdf 00 11 11.0 -1.2

ISCJB 16 00:34:08.7, 1.1, 10.1N; 0.1; 92.8E; 0.2, h43km, mb3.5/5, Error ellipse: s-maj=28.3km s-min=18.6km az=155.5

IDC 16 00:34:13.3, 9.9, 10.15N; 92.92E, h65km, 88km, mb3.2/5, mb1 3.5/6, mb1mx3.3/32, mbtmp3.6/6, ML4.4/1, Error ellipse: s-maj=82.0km s-min=19.8km az=49.0

ISC 16 00:34:10.7, 1.4, 10.0N; 0.2; 92.8E; 0.2, h43km, n6, e09/49/6, mb3.3/5, Andaman Islands region

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

IDC 16 00:53:57.6, 1.0, 72.10N; 7.56E, h0km, mb1 3.5/3, mb1mx3.0/39, mbtmp3.4/3, ML2.8/3, Error ellipse: s-maj=69.9km s-min=29.3km az=153.0, Norwegian Sea

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

WEL 16 01:14:13.2, 1.4, 49.5S; 13.16E, 1.4, h33km, ML4.6/6, ML4.6/10, Auckland Islands region

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

IDC 16 01:29:02.0, 0.8, 5.31N; 61.66E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.7/47, mbtmp3.8/10, MS3.7/26, Ms1 3.7/26, ms1mx3.6/41, Error ellipse: s-maj=23.9km s-min=18.9km az=168.0

ISCJB 16 01:29:02.0, 0.7, 5.4N; 0.1; 61.7E; 0.1, h14km, mb3.8/10, MS3.8/3, Error ellipse: s-maj=20.8km s-min=15.0km az=157.3

GCMT 16 01:29:04.0, 0.4, 5.43N; 61.51E, h15km, km, MW4.8/67, Moment tensor: s21,c23; s67,c86; Duration: 0.71sec; tensor: Scale 10^19Nm; Mr=1.61; Ls; Mw=0.10; Ms=0.89; 10; Mw=1.8; 24; Mw=0.86; 06; Mw=0.66; 20; Best double couple: M2:0.4600; 1016 NP1:0.289, 0000; 0.58, 0000; 0.12, 0000; NP2: 0.162, 0000; 0.45, 0000; 0.47, 0000; Principal axes: T: 1.7090, P1g: 0.0000; Azm: 43.0000; N: 0.6740, P1g2: 0.0000; Azm: 309.0000; P: -2.3830, P1g6: 0.0000; N: 145.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 16 01:29:04.2, 0.8, 5.3N; 0.2; 61.6E; 0.1, h14km, n33, e081/12, mb3.7/10, MS3.8/3, Carlsberg Ridge

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOAR NORARS Arr B, PDAR Pinedale Array, GERES GERRSS Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR comp=E,30nm,0.2s, KUR comp=E,210nm,0.2s, JKK2 Kamakawa 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 16 01:32:07.7, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AUPSP Uspallata, RTLS Leoncito, RTVCC Cerro Valdivia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK comp=E,0.4nm,0.4s, RES Resolute Bay, FINES FINESS Array, etc.

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

ISK 16 01:46:24.1, 38°83'N:43°48'E, h22km, ML2.5
ISCJB 16 01:46:25.6, 0.7, 38°86'N:05°43'E, 0.1, h27km, 6km,
Error ellipse: s-maj=14.0km s-min=6.2km az=23.2

ISK 16 01:52:28.1, 38°86'N:43°55'E, h5km, MD2.6
DDA 16 01:52:29.8, 38°90'N:43°48'E, h7km, MD2.0
ISCJB 16 01:52:30.4, 0.6, 38°89'N:03°43'E, 0.08, h13km, 6km,
Error ellipse: s-maj=10.2km s-min=4.6km az=13.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR Van-Muradiye, ERVC ERICIS-VAN, VANS Van, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR Van-Muradiye, ERVC ERICIS-VAN, VANS Van, etc.

NIED 16 01:38:00, 38°40'N:141°90'E, h2km, Mw3.9 Best double
couple: M=7.38000, 1014 NP1=40.00000, 843.00000,
1.95.00000, NP2=214.00000, 847.00000, 1.86.00000, 0.
ISCJB 16 01:38:09.7, 0.7, 38°41'N:141°95'E, 0.09, h65km, 5km,
mb3.8/12, Error ellipse: s-maj=11.9km s-min=5.3km
az=21.2

MOS 16 01:51:18.6, 0.7, 43°18'N:146°14'E, h125km, mb4.0/5, Error
ellipse: s-maj=25.2km s-min=16.2km az=104.4
ISCJB 16 01:51:21.6, 0.4, 43°37'N:147°07'E, 0.06,
h124km, 2km, mb3.8/8, Error ellipse: s-maj=11.8km
s-min=5.3km az=151.5

IDC 16 02:02:08.5, 2.8, 18°84'N:145°51'E, h186km, 24km, mb3.8/8,
mb1.3/5.9, mb1mx3.2/44, mbtmp3.8/9, Error ellipse:
s-maj=36.9km s-min=15.2km az=104.0
ISCJB 16 02:02:09.7, 0.8, 18°74'N:145°55'E, 0.3, h214km,
mb3.3/8, Error ellipse: s-maj=42.5km s-min=10.2km
az=6.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, GLVR Golovnino, GRPR Tuman, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR comp=Z,28nm,21.6s, MAT Matsuhiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK comp=Z,885nm,0.2s, YUK comp=N,169nm,0.1s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA 16 02:07:35.1, RTLL Cerro Villicon, AMOG MOGNA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKHL 16 01:51:23.0, JMA 16 01:51:23.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 16 02:41:26.1, MGOD Makushin Gods, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AKUT, AKGG, AKSA, AKWA, WESN, ISLZ, FALS, DUTTON, SDPT, CHAK, KDAK, ILAR, PETK, INK, YKA, YKA, YKA, YAK, NVAR, PDAR, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, TXAR, ZALV, MKAR, FINES, AKASG, AKASO, BRTR.

ISCJB 16 02:51:46.3:0.6, 24.786N, 0.04:121.76E:0.03, h93km, 4km, Error ellipse: s-maj=6.1km s-min=4.1km az=17.2

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TOUCH, ILA, ILA, TIPB, TWE, NWF, TWS1, TWS1, NSK, NTST, ENAH, ENAH, TWY, ENA, EOA1, EOA1, NCUH, NCUH, NNS, NNSH, SBCB, SBCB, TWD, TWT, NMLH, ENLB, NSY, ESL.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DPDB, JYNG, JYNG, SMLT, TYC, TYC, WCHH, WNT, HGSD, YUS, YUS, TWF1, CHNS, FULB, CHKT, CHN4, TPUB, IRIF, IRIF, STYK, TWY, TWY, CHN1, HATJ, TWG, JKRS, JKRS, JIJ, JIJ, JISG, EAST, INK.

ISCJB 16 02:59:55.9:1.8, 22.45N, 100.07:143.56E:0.09, h105km, 15km, mb4, 2.28, Error ellipse: s-maj=14.6km s-min=11.9km az=16.8

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CBIJ, MJAR, MAT, JNU, KRSR, KRSR, KRSR, KRSR, USKR, KLR, PETK, SONM, SEY, CMAR, WRAB, WRA, WRA, FITZ, ASAR, ASAR, TAPN, ODAN, RAMN, JIRN, GUN, PKI, PKIN, KKN, DMN, ZALV, ZALV, DANN, KOLN, MKAR, MKAR, MKAR, PYUN, KURK, KURB, KURB, AAK, AAK, AAK, ILAR, ILAR, BVAR, BVAR, BRVK, KKAR, INK.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ABKAR, GEYK, YKA, ARCES, KBZ, NVAR, FINES, FFC, PDAR, AKASG, BRTR, TORD, PLCA, LPZA.

ISCJB 16 03:00:34.8:0.2, 00N:0.0:0.4:128.26E:0.04, h134km, mb4, 2/18, Error ellipse: s-maj=5.5km s-min=5.1km az=2.0

NEIC 16 03:00:36.6:1.1, 1.90N, 128.17E, h133km, 10km, mb4, 0/1, Error ellipse: s-maj=25.1km s-min=6.9km az=74.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TINTI, TINTI, LBMI, LBMI, SGSI, SGSI, SWI, SWI, KMSI, KMSI, SANU, SANU, MRSI, APSI, APSI, MPSI, WRAB, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, KRSR, KRSR, STKS, STKS, BJT, USRK, KLR, SONM, SONM, SONM, MKAR, YAK, ZALV, KURB, KURK, TIXI, BVAR, GEYT, ILAR, ARCES, TORD, TORD, ISCB, RAO, DZM, STKA, ASAR, ASAR, WRA, FITZ, MJAR, SEY, CMAR, ILAR, ARCES, FINES, AKASG, BRTR, GERES.

ISCJB 16 03:11:35.9:1.0, 21.8S:0.2:179.3W:0.2, h604km, mb4, 0/8, Error ellipse: s-maj=22.2km s-min=19.7km az=26.9

ISC 16 03:11:37.1:0.9, 21.8S:0.2:179.3W:0.2, h604km, n15, Error ellipse: s-maj=31.6km s-min=18.2km az=12.0

IDC 16 03:21:58.3:1.2, 52.95N:166.81W, h0km, mb3, 8/11, mb1 4/0/12, mb1mx3, 6/0, mbtmp3, 8/12, ML3, 2/1, Error ellipse: s-maj=31.6km s-min=18.2km az=12.0

ISC 16 03:21:57.9:1.8,527.17N,007.16660W,0.04,h1km,10km,
n43,c111/49,mb3.7,1,Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like OKFG Magazine Ridge, OKFO Makushin Gods, etc.

BUI 16 03:21:57.3:3.82S:123.54E,h16km,mb4.7/36,mb5.0/24,
M4.5/12,M5.7/4.2/9

IDC 16 03:21:52.1:0.9:5.9S:123.18E,h0km,mb4.5/17,
mb1.4/6.9,mb1mx4.5/38,mbtmp4.5/19,ML3.8/2,MS3.4/8,
Ms1.3/5.8,ms1mx3.1/51,Error ellipse: s-maj=22.2km
s-min=11.1km az=61.0

MOS 16 03:21:53.0:1.0,3.54S:123.22E,h19km,mb5.0/22,Error
ellipse: s-maj=12.7km s-min=7.0km az=117.3

ISCJBJ 16 03:21:55.6:0.2,3.58S:02x123.22E,0.02,h38km,
mb4.7/63,MS3.7/10,Error ellipse: s-maj=3.4km
s-min=3.1km az=155.8

NEIC 16 03:21:57.7:0.6,3.62S:123.21E,h39km,6km,mb4.8/24,
Error ellipse: s-maj=7.5km s-min=4.4km az=64.0

DJA 16 03:21:57.9:0.8,4.9S:119.32E,h36km,17km,ML4.8/16,
mb4.9/13,mb5.2/6,MLV4.8/16,MWMB4.7/6

ISC 16 03:21:58.1:0.3,3.60S:02x123.23E,0.04,h38km,n160,
c158/184,mb4.8/63,MS3.8/11,5C-1D,Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LUWI Luwuk, AMPS Ampana, etc.

Main table with columns: PWJ/PJ/PCJ/FITZ, Station Name, Time, Res, ISC. Lists stations like Pagerwojo, Pacitan, Fitzer Crossi, etc.

Table with columns: MDJ, Station Name, Time, Res, ISC. Lists stations like MDJ Mudenjiang, KOLN Koldana, etc.

PTGA	comp=Z,3um,18.0s	59.80 356	PFAKE	LR	04 10 00.0 +9.4
PTGA					
H10S3	comp=Z,4um,22.0s ASCESSION HYDR6.13	49 T	T		05 15 28.9
H10S2	comp=Z,4um,22.0s ASCESSION HYDR6.13	49 T	T		05 15 22.3
H10S1	comp=Z,4um,22.0s ASCESSION HYDR6.14	49 T	T		05 15 30.1
H10N3	comp=Z,4um,22.0s ASCESSION HYDR6.121	49 T	T		05 16 50.9
H10N1	comp=Z,4um,22.0s ASCESSION HYDR6.121	49 T	T		05 16 49.4
H10N2	comp=Z,4um,22.0s ASCESSION HYDR6.123	49 T	T		05 16 52.2
BOSA	comp=Z,3.8nm,0.6s,baz=212,slow=5.5,SNR=12	61.48 98	P		04 10 01.0 -1.2
BOSA					
BOSA	comp=Z,1.1um,21.6s,baz=208,slow=31	61.48 98	eP		04 10 01.0 -1.2
BOSA					
BOSA	comp=Z,66nm,1.5s	61.48 98	eP		04 10 00.0 -2.2
BOSA					
OTAV	comp=Z,66nm,1.5s	63.04 335	eP		04 10 14.1 +1.0
OTAV					
OTAV	comp=Z,3um,21.0s				
OTAV					
OTAV	comp=Z,3um,21.0s	63.04 335	eP		04 10 14.1 +1.0
FLOC		63.81 338	eP		04 10 23.4 +5.7
SOTA		64.52 338	eP		04 10 28.4 +5.5
RKT	comp=Z,2um,29.0s	64.56 268	eS		04 19 00.6 -1.2
RKT					
RKT	comp=Z,962nm,24.2s		eLQ		04 27 01.5
RKT					
RKT	comp=Z,8um,28.2s	64.56 268	eT		04 29 43.3
RKT					
RKT	comp=Z,5.6nm,0.3s				05 21 02.3
TUMC		64.64 335	PFAKE	LR	04 10 40.0 +17
TUMC					
LBTB	comp=Z,2um,21.0s	64.64 96	P		04 10 22.1 -1.1
LBTB					
LBTB	comp=Z,6.3nm,0.6s,baz=212,slow=6.6,SNR=13	64.64 96	eP		04 10 21.7 -1.5
LBTB					
PCON	comp=Z,25nm,1.5s	64.67 338	eP		04 10 30.5 +6.5
MARP		65.09 338	eP		04 10 27.6 +1.3
SJAC		65.17 341	eP		04 10 32.6 +6.0
SJAC		65.20 342	PFAKE	LR	04 10 40.0 +13
PAYG					
TSUM	comp=Z,2um,21.0s	65.60 86	eP		04 10 28.2 -1.3
TSUM					
PRAC	comp=Z,32nm,1.4s	65.75 340	eP		04 10 31.5 +1.1
PRAC					
PRAC	comp=Z,337nm,2.0s				
PRAC					
PRAC	comp=Z,6um,22.0s	65.75 340	eP		04 10 37.6 +7.3
PRAC					
HORO	comp=Z,32nm,1.4s	65.84 338	eP		04 10 31.2 0.0
YOTC		66.28 338	eP		04 10 31.9 -1.9
ROSC		66.76 340	eP		04 10 39.0 +1.8
ROSC					
ROSC	comp=Z,4.0nm,0.7s,baz=271,slow=8.1,SNR=5.4				04 12 28.8
ROSC					
ROSC	comp=Z,3um,19.2s,baz=94,slow=38	66.76 340	eP		04 10 38.7 +1.5
ROSC					
ROSC	comp=Z,7.8nm,1.6s				04 10 41.2 +2.2
RREP		67.00 339	eP		04 10 39.7 +0.3
PLMIC		67.17 338	eP		04 10 40.4 -2.2
RUSC		67.60 342	eP		
RUSC					
RUSC	comp=Z,2um,19.0s	67.60 342	eP		04 10 49.0 +6.4
RUSC		67.89 212	PFAKE	LR	04 10 50.0 +6.4
WHZ					
WHZ					
ODZ	comp=Z,3um,20.0s	67.96 214	eP		04 10 44.0 -0.1
ODZ					
ODZ	comp=Z,1.12nm,1.6s				
ODZ					
PYZ	comp=Z,4um,19.0s	67.96 211	PFAKE	LR	04 10 50.0 +5.9
PYZ					
HELX	comp=Z,3um,18.0s	68.29 339	eP		04 10 45.9 -0.9
HELX					
HELX	comp=Z,38nm,0.9s				
HELX					
HELX	comp=Z,5um,20.0s	68.29 339	eP		04 10 47.6 +0.8
HELX		68.34 212	eP		04 10 45.3 -1.2
MLZ					
MLZ	comp=Z,2.26nm,1.8s				
MLZ					
MLZ	comp=Z,4um,20.0s				
PTBC		68.45 341	eP		04 10 44.7 -2.7
DCZ		68.50 211	eP		04 10 46.8 -0.6
DCZ					
DCZ	comp=Z,2.21nm,1.7s				
DCZ					
DCZ	comp=Z,4um,19.0s	68.60 213	eP		04 10 48.0 -0.2
DCZ					
DCZ	comp=Z,1.52nm,1.2s				
DCZ					
DCZ	comp=Z,4um,20.0s	68.62 216	eP		04 10 51.3 +3.1
DCZ					
DCZ	comp=Z,1.34nm,1.4s				
DCZ					
DCZ	comp=Z,4um,18.0s	68.69 214	PFAKE	LR	04 11 00.0 +11
DCZ					
DCZ	comp=Z,3um,20.0s	68.75 216	eP		04 10 50.9 +1.9
DCZ					
DCZ	comp=Z,4.32nm,1.8s				
DCZ					
DCZ	comp=Z,4um,18.0s	69.07 215	eP		04 10 50.9 -0.1
DCZ					
DCZ	comp=Z,1.07nm,1.0s				
DCZ					
DCZ	comp=Z,3um,20.0s	69.14 216	eP		04 10 51.4 -0.1
DCZ					
DCZ	comp=Z,84nm,1.1s				
DCZ					
DCZ	comp=Z,4um,18.0s	69.45 340	eP		04 10 50.4 -3.2
DCZ		69.54 217	PFAKE	LR	04 11 00.0 +6.1
DCZ					
DCZ	comp=Z,3um,21.0s	69.58 216	eP		04 10 53.6 -0.6
DCZ					
DCZ	comp=Z,1.66nm,1.1s				
DCZ					
DCZ	comp=Z,3um,18.0s	70.19 219	PFAKE	LR	04 11 10.0 +12
DCZ					
DCZ	comp=Z,3um,19.0s	70.29 220	PFAKE	LR	04 11 10.0 +11
DCZ					
DCZ	comp=Z,4um,20.0s	70.32 217	eP		04 10 59.2 +0.3
DCZ					
DCZ	comp=Z,2.67nm,1.4s				
DCZ					
DCZ	comp=Z,4um,20.0s	71.42 256	eS		04 20 19.6 -4.2
DCZ					
DCZ	comp=Z,1um,29.2s				04 29 48.8
DCZ					
DCZ	comp=Z,6.51nm,28.8s				04 32 48.9
DCZ					
DCZ	comp=Z,9um,25.8s,baz=155	71.42 256	eT		05 29 37.0
DCZ					
DCZ	comp=Z,2.0nm,0.3s	71.58 221	eP		04 11 05.7 -0.9
DCZ					
DCZ	comp=Z,5.7nm,1.3s				
DCZ					
DCZ	comp=Z,2um,18.0s	72.00 336	PFAKE	LR	04 11 20.0 +11
DCZ					
DCZ	comp=Z,2um,21.0s	72.21 222	eP		04 11 10.1 -0.1
DCZ					
DCZ	comp=Z,64nm,1.4s				
DCZ					
DCZ	comp=Z,3um,20.0s	72.44 223	PFAKE	LR	04 11 20.0 +8.4
DCZ					
DCZ	comp=Z,3um,19.0s	72.63 355	PFAKE	LR	04 11 20.0 +7.1
DCZ					
DCZ	comp=Z,3um,20.0s	72.70 220	PFAKE	LR	04 11 20.0 +6.8
DCZ					

SVB	comp=Z,3um,20.0s	73.75 355	PFAKE	LR	04 11 30.0 +11
SVB					
HDC	comp=Z,2um,19.0s	73.75 331	PFAKE	LR	04 11 30.0 +10
HDC					
LSZ	comp=Z,1um,20.0s	74.17 93	eP		04 11 21.4 -0.8
LSZ					
LSZ	comp=Z,3.34nm,1.2s	74.17 93	eP		04 11 19.7 -2.6
LSZ					
LSZ	comp=Z,3.4nm,1.2s				
LSZ					
JTS	comp=Z,4um,19.0s	74.23 331	eP		04 11 21.6 -0.7
TAU		75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					
TAU	comp=Z,3um,19.0s	75.02 198	eP		04 11 25.4 -1.3
TAU					
TAU	comp=Z,2.00nm,2.0s				
TAU					

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LUWI, FAKI, APSI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KSH, KSH, KSH, etc.

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

16d 6h

Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Indian Mountain, Koelnbreinsper, Terra Mystica, Coldfoot, Thule, Summit, etc.

2012 JAN

Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Preston Nutter, Butcher Ranch, Snowmass, Darwin (Calif), Little Creek, etc.

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Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Eielson Array, Indian Mountain, Colim, etc.

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

Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Cukurca, Mazidag, Mazidag, etc.

Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Cibinong, Labuha, Luwuk, etc.

Table with columns: Station Name, Time, Res, Phase ID, Time Res, ISC. Includes stations like Zalesovo, Zalesovo Beam, Kurbb, etc.

Table of astronomical observations for 16d 7h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2012 JAN, listing station names, coordinates, and observation details.

Table of astronomical observations for 724, listing station names, coordinates, and observation details.

IDC 16 07:23:20.6;3.2,4.00S;134.71E,h0km,mb3.2/1, mb1 3.4/3,mb1mx3.1/33,mbtmp3.2/3,ML3.2/2,Error ellipse: s-maj=153.2km s-min=30.9km az=78.0,Irian Jaya region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	15.86	181	Op	h m s	ISC
		0.1nm,0.3s,baz=0.1,slow=13,SNR=4.9		Pn	07 27 04.2	-1.1
WRA				Sn	07 29 58.0	-3.9
		0.1nm,0.3s,baz=1.4,slow=23,SNR=4.9		P	07 27 50.8	+0.5
ASAR	Alice Springs	19.57	182	P		
		0.1nm,0.3s,baz=9.8,slow=10,SNR=6.8				
ASAR				S	07 31 26.9	-5.1
		0.0nm,0.3s,baz=12,slow=23,SNR=3.3				
MKAR	Makanchi Array	68.43	324	P	07 34 24.5	0.0
		0.2nm,0.6s,baz=114,slow=7.1,SNR=2.5				

ISCJB 16 07:28:52.0;0.5,15.25N;0.04;119.47E;0.06,h31km, mb3.8/10,MS3.0/2,Error ellipse: s-maj=8.3km s-min=5.2km az=179.9

IDC 16 07:28:58.0;2.4,15.11N;117.78E,h79km,mb3.6/10, mb1 3.7/10,mb1mx3.4/44,mbtmp3.9/10,MS3.1/3, Ms1 3.2/3,ms1mx2.7/36,Error ellipse: s-maj=41.4km s-min=14.5km az=68.0

ISC 16 07:29:52.9;0.7,15.25N;0.04;119.53E;0.07,h31km,n26, r171/29,mb3.8/10,1C-1D,Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SCZP	Santa Cruz	0.64	35	Op	h m s	ISC
				Pb	07 29 04.0	-0.8
				S	07 29 13.7	-1.2
BOLP	Bolinao	1.19	18	eP	07 29 12.4	-0.9
APYP				eP	07 29 40.4	+1.3
LUBP	Lubang	1.66	155	eP	07 29 13.4	-0.7
GTG	Tagaytay City	1.77	130	P	07 29 23.9	-0.9
		85nm,0.3s,baz=316,slow=0.9,SNR=10				
GTG				Sb	07 29 46.0	-0.6
		322nm,0.3s,baz=175,slow=22,SNR=12				
GTG	Tagaytay City	1.77	130	eP	07 29 22.0	+0.5
GTG				Pb	07 29 45.6	-1.1
BALP	Baler	2.03	76	eP	07 29 24.7	-0.3
LQP	Lukban	2.25	120	eP	07 29 34.9	+2.0
ABRA	Dolores	2.65	25	eP	07 29 34.7	+1.3
APYP	Conner	3.08	32	eP	07 29 40.4	+1.3
APYP				eS	07 30 17.5	+2.4
GOP	Guinayanon	3.12	115	eP	07 29 41.2	+1.2
SJMP	San Jose	3.17	151	eP	07 29 42.5	+1.9
BUSP	Coron	3.29	169	eP	07 29 42.9	+0.6
ENPP	Ei Niho	4.07	25	eP	07 29 51.5	+0.8
CMAR	Chiang Mai Arr	19.96	282	LR	07 40 39.4	
		comp=Z,46nm,18.2s,baz=140,slow=35				
KSRs	Korea Array	23.34	17	LR	07 43 41.7	
		comp=Z,36nm,18.9s,baz=225,slow=38				
SOMM	Songino Array	34.27	344	P	07 35 37.5	+1.2
		0.8nm,0.6s,baz=162,slow=1.1,SNR=5.4				
SOMM				LR	07 50 41.6	
		comp=Z,46nm,19.0s,baz=180,slow=38				
WRA	Warramunga Arr	37.88	157	P	07 36 04.3	-3.0
		1.6nm,0.7s,baz=349,slow=9.9,SNR=19				
ASAR	Alice Springs	41.15	160	P	07 36 32.9	-1.7
		1.0nm,0.5s,baz=340,slow=9.9,SNR=16				
MKAR	Makanchi Array	44.92	329	P	07 36 59.7	+1.2
		0.3nm,0.7s,baz=114,slow=7.0,SNR=5.6				
ZALV	Zalesovo Beam	47.17	333	P	07 37 23.9	+1.5
		0.7nm,0.6s,baz=123,slow=5.3,SNR=3.5				
PETK	Petrovavlovsk	48.24	30	P	07 37 30.3	-0.4
		4.7nm,0.9s,baz=235,slow=5.5,SNR=6.6				
KURB	Kurchatov Arra	48.28	326	P	07 37 33.2	-0.4
		0.9nm,0.9s,baz=117,slow=8.9,SNR=4.8				
FINES	FINES Array B	78.39	31	P	07 40 51.2	+1.0
		4.1nm,1.5s,baz=74,slow=6.4,SNR=3.6				
NOA	NORSAR Array B	85.37	332	P	07 41 28.2	+1.2
		0.3nm,0.5s,baz=65,slow=5.2,SNR=2.8				
YKA	Yellowknife Arr	91.78	22	P	07 41 56.6	-0.8
		0.2nm,0.5s,baz=305,slow=3.9,SNR=4.5				
PLCA	Paso Flores	153.13	163	PKPbc	07 48 48.2	+0.3
		1.5nm,0.7s,baz=216,slow=4.7,SNR=6.7				

ISCJB 16 07:50:36.5;0.7,3.61S;0.05;127.18E;0.06,h10km, mb3.5/2,Error ellipse: s-maj=9.4km s-min=5.1km az=142.4

DJA 16 07:50:38.1;0.7,4°S;6°12'7"E,h10km,M4.0/2,MLv4.0/2, IDC 16 07:50:44.7;9.6,3.27S;127.96E,h75km,87km,mb3.4/3, mb1 3.6/5,mb1mx3.3/38,mbtmp3.6/5,ML3.6/2,Error ellipse: s-maj=10.9km s-min=28.0km az=60.0

ISC 16 07:50:37.7;0.8,3.58S;0.06;127.18E;0.06,h10km,n12, r125/17,mb3.7/3,Seram

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
NLAI	Namlea	0.35	347	Op	h m s	ISC
				Pb	07 50 45.1	-0.9
				Sg	07 50 48.8	-0.5
NLAI				S	07 54 36.6	-0.8
AAI	Ambon	1.02	96	S	07 51 08.8	-1.9
MSAI	Masohi	1.77	82	P	07 51 13.4	+1.8
SANI	Sanana	1.93	322	P	07 51 10.7	+0.1
SANI				S	07 51 35.1	+0.1
LBMI	Labuha	2.94	6	S	07 51 26.1	+1.6
LBMI				S	07 52 00.2	+0.3
SWI	Sorong	4.89	57	P	07 51 50.6	-0.8
FAKI	Fak Fak	5.11	83	P	07 51 56.1	+1.8
FITZ	Fitzroy Crossi	14.51	186	P	07 54 10.1	-0.2
		0.1nm,0.3s,baz=38,slow=16,SNR=3.0				
WRA	Warramunga Arr	17.0	157	P	07 54 44.2	-0.3
		0.4nm,0.3s,baz=340,slow=12,SNR=18				
ASAR	Alice Springs	21.00	163	P	07 55 23.7	+2.2
		5.8nm,0.7s,baz=346,slow=12,SNR=6.7				
ASAR				PcP	07 59 27.6	-1.3
		0.3nm,0.8s,baz=351,slow=1.2,SNR=3.9				
STKA	Stevens Creek	31.24	156	P	07 56 57.0	-0.6
		0.4nm,0.5s,baz=309,slow=14.5,SNR=2.9				
MKAR	Makanchi Array	63.85	327	P	08 01 10.2	-0.2
		0.4nm,0.7s,baz=136,slow=6.8,SNR=6.2				

CSEM 16 07:54:00.3;35.88N;27.30E,h14km,ML2.8/2, ATH 16 07:54:00.3;35.88N;27.30E,h14km,ML2.8/2,Error ellipse: s-maj=5.5km s-min=0.9km az=146.0

DDA 16 07:54:19.1;36.91N;28.25E,h9km,ML2.4, IDC 16 07:54:00.3;0.1,35.83N;0.05;27.42E;0.03,h23km,13km, n23,r1942/36,Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KARP	Karpathos	0.35	216	P	07 54 07.8	-0.2
KARP				Sb	07 54 12.7	-0.6
KARP				AML	07 54 13.9	
		comp=E,6477μm,0.2s		AML	07 54 14.0	
KARP				AML	07 54 14.0	
KARP	Karpathos	0.35	216	P	07 54 07.8	-0.2
KARP				Sb	07 54 12.7	-0.6
ARG	Arkhangelos	0.69	56	P	07 54 14.5	-0.2
ARG				S	07 54 24.0	+0.1
ARG				AML	07 54 26.3	
		comp=N,824μm,0.2s		AML	07 54 27.8	
ARG	Arkhangelos	0.69	56	P	07 54 14.5	-0.2
ARG				S	07 54 24.0	+0.1
ZKR	Zakros	1.21	234	P	07 54 22.5	+0.1
ZKR				Sb	07 54 38.5	+0.7
ZKR				Sb	07 54 22.5	+0.1
ZKR				Sb	07 54 22.5	+0.1
TURN	Turunc	1.41	42	iP	07 54 22.5	+0.2
TURN				Pn	07 54 39.5	-2.9
TURN				Pn	07 54 22.5	+0.2
TURN				S	07 54 39.5	-2.9
FETY	Fethiye	1.57	59	P	07 54 23.9	+0.9
NPS	Neapolis	1.58	249	P	07 54 28.9	+0.2
NPS				S	07 54 49.1	+0.8
NPS				Pb	07 54 28.9	+0.2
NPS				S	07 54 49.1	+0.8
NPS				S	07 54 49.1	+0.8
LAST	Lasithi	1.72	248	P	07 54 30.0	-0.8
LAST				Pb	07 54 30.0	-0.8
AYDN	Tasoluk	1.86	11	iP	07 54 34.4	+0.7
AYDN				Pb	07 54 34.4	+0.7
APE	Apeiranthos	1.96	310	P	07 54 34.4	-0.9

APE	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
APE	Apeiranthos	1.96	310	P	07 54 58.8	-0.5
APE				Sb	07 54 34.4	-0.9
APE				Pb	07 54 58.8	-0.5
TAVA	DENIZLI Tavas	2.03	36	iP	07 54 37.1	+0.6
TAVA	ENIZLI Tavas	2.03	36	P	07 54 37.1	+0.6
GOLH	Golhisar	2.23	50	P	07 54 40.1	+0.1
KYTH	Kithira	3.57	78	P	07 54 56.4	+2.2
Vetia	Vetia	3.73	285	P	07 54 58.5	+2.2
Vetia				P	07 54 58.5	+2.2

MAN 16 07:58:06.9;9.12N;125.95E,h12km,mb3.8,ML2.5,MS2.1, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BUTP	Butuan	0.36	245	eP	h m s	ISC
				Pb	07 58 14.9	+0.6
BUTP				eS	07 58 19.9	-0.1
SCPH	Surigao	0.80	325	eP	07 58 22.1	+0.2
SCPH				Sg	07 58 31.6	-0.4
BUPK	Burung	1.52	216	eP	07 58 32.2	+0.2
BUPK				eS	07 58 34.3	-0.2
LUBP	Lubang	7.23	310	eP	08 00 07.8	-3.8

IDC 16 08:01:29.3;2.2,1.87N;127.40E,h0km,mb3.1/3, mb1 3.4/3,mb1mx3.1/36,mbtmp3.2/3,Error ellipse: s-maj=182.0km s-min=25.4km az=67.0,Halmahera

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	22.73	163	P	08 06 33.0	0.0
		0.5nm,0.4s,baz=343,slow=10.0,SNR=7.6				
ASAR	Alice Springs	26.16	166	P	08 07 05.1	-0.5
		0.2nm,0.3s,baz=332,slow=7.5,SNR=4.3				
MKAR	Makanchi Array	59.45	326	P	08 11 34.2	+0.2
		0.1nm,0.3s,baz=132,slow=8.3,SNR=3.3				

IDC 16 08:05:19.2;3.2,6.24N;127.09E,h0km,mb3.4/4, mb1 3.5/4,mb1mx3.2/40,mbtmp3.4/4,Error ellipse: s-maj=186.4km s-min=25.6km az=65.0,Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	26.98	163	Op	h m s	ISC
		0.2nm,0.3s,baz=345,slow=11,SNR=7.2			08 11 15.3	-0.3
ASAR	Alice Springs	30.45	168	P	08 11 47.5	+0.9
		0.1nm,0.3s,baz=341,				

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DHAM, MOY, HVS, BOD, KSH, MK31, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HATD, ASHO, ALNE, SHME, AJN, GEYT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRTR, CCB, DHY, GSPA, SCM, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like NORSAR Subarrat, NORSAR Array S, NORSAR Array B, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Torodi Ar. Sit, Barrancos, Idaho Springs, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Hebron, Holcombe, Kowa, etc.

740A	Mansfield	130.56	38	P	PKPdf	08 45 08.1	-0.3
Q42A	Golden Eagle	130.57	35	P	PKPdf	08 45 08.3	0.0
833A	Chaparral WMA	130.59	52	P	PKPdf	08 45 10.1	+1.4
V39A	Pettigrew	130.68	40	P	PKPdf	08 45 08.9	+0.2
CCM	Cathedral Cave	130.74	36	P	PKPdf	08 45 08.5	-0.1
CCM	Cathedral Cave	130.74	36	ePKIKP	PKPdf	08 45 08.4	-0.2
CCM	Cathedral Cave	130.74	36	ePKPdf	PKPdf	08 45 08.4	-0.2
SC14	Jilico Farms	130.75	37	P	PKPdf	08 45 08.9	+0.2
R42A	Luebbering	130.85	35	P	PKPdf	08 45 09.2	+0.3
U40A	Yellville	130.86	39	P	PKPdf	08 45 08.9	0.0
236A	Katherine and	130.93	46	P	PKPdf	08 45 10.3	+1.1
W39A	Magazine	130.98	41	P	PKPdf	08 45 09.6	+0.4
T41A	Mountain View	131.09	37	P	PKPdf	08 45 09.5	+0.1
Y38A	Idabel	131.11	43	P	PKPdf	08 45 10.6	+1.1
137A	Heron Place, G	131.15	45	P	PKPdf	08 45 12.2	+2.6
X39A	Fountain Ranch	131.18	42	P	PKPdf	08 45 10.2	+0.6
S42A	Caledonia	131.19	36	P	PKPdf	08 45 10.1	+0.5
V40A	Witts Springs	131.23	39	P	PKPdf	08 45 09.9	+0.2
FVM	French Village	131.26	35	ePKIKP	PKPdf	08 45 09.8	+0.1
FVM	French Village	131.26	35	ePKPdf	PKPdf	08 45 09.8	+0.1
R43A	Red Bud	131.35	35	P	PKPdf	08 45 10.4	+0.6
237A	Washetta, Mont	131.44	45	P	PKPdf	08 45 11.4	+1.3
U41A	Viola	131.45	38	P	PKPdf	08 45 10.0	-0.1
T42A	Van Buren	131.51	37	P	PKPdf	08 45 10.7	+0.5
MIAR	Mount Ida	131.51	41	P	PKPdf	08 45 11.4	+1.2
MIAR	Mount Ida	131.51	41	ePKIKP	PKPdf	08 45 11.2	+1.0
MIAR	Mount Ida	131.51	41	ePKPdf	PKPdf	08 45 11.2	+1.0
138A	Matatal Enter	131.58	44	P	PKPdf	08 45 12.5	+2.1
P45A	Graceland, Par	131.67	32	P	PKPdf	08 45 11.1	+0.8
S43A	Fulton Ridge	131.75	36	P	PKPdf	08 45 11.0	+0.4
R44A	Waltonville	131.85	34	P	PKPdf	08 45 11.2	+0.5
U42A	Reverend	131.87	38	P	PKPdf	08 45 11.2	+0.4
Q45A	Warren Harvey	131.91	33	P	PKPdf	08 45 11.5	+0.7
T43A	Greenville	131.95	36	P	PKPdf	08 45 11.4	+0.5
Q47A	Sheridan	131.96	30	P	PKPdf	08 45 11.2	+0.3
OLIL	Olney	132.05	33	ePKPdf	PKPdf	08 45 12.4	+1.3
PBMO	Poplar Bluff	132.07	37	ePKPdf	PKPdf	08 45 11.9	+0.7
V42A	Cord	132.12	38	P	PKPdf	08 45 11.5	+0.2
UALR	University of	132.18	40	ePKPdf	PKPdf	08 45 10.5	-0.9
R47A	Skyfar, Fairi	132.27	34	P	PKPdf	08 45 12.6	+1.1
P44A	Martinsville	132.47	31	P	PKPdf	08 45 12.7	+0.8
Y41A	Eagletree Beard	132.55	41	P	PKPdf	08 45 13.5	+1.4
BLO	Bloomington	132.57	31	ePKIKP	PKPdf	08 45 12.3	+0.2
BLO	Bloomington	132.57	31	ePKPdf	PKPdf	08 45 12.3	+0.2
R47A	Woolly Knot Far	132.32	32	P	PKPdf	08 45 14.3	+1.0
WCI	Wyandotte Cave	133.39	32	P	PKPdf	08 45 14.7	+1.1
R48A	Northridge Ran	133.49	32	P	PKPdf	08 45 15.0	+1.2
341A	Kurthwood	133.68	44	P	PKPdf	08 45 16.0	+1.6
U46A	Springville	133.68	35	P	PKPdf	08 45 15.6	+1.4
M54A	Oil Creek Stat	133.90	24	P	PKPdf	08 45 14.7	+0.2
M54A	Oil Creek Stat	133.90	24	ePKPdf	PKPdf	08 45 14.5	0.0
S48A	Wiedeman Farm	133.94	32	P	PKPdf	08 45 15.9	+1.2
WVT	Waverly	134.04	35	P	PKPdf	08 45 15.3	+0.3
WVT	Waverly	134.04	35	ePKIKP	PKPdf	08 45 14.7	-0.2
WVT	Waverly	134.04	35	ePKPdf	PKPdf	08 45 14.7	-0.2
U47A	Clarksville	134.13	35	P	PKPdf	08 45 16.4	+1.3
T48A	Bowling Green	134.16	33	P	PKPdf	08 45 16.2	+1.0
W46A	Michie	134.41	37	P	PKPdf	08 45 16.7	+1.1
Y45A	Yeager Farm, C	134.54	39	P	PKPdf	08 45 16.8	+0.8
PLAL	Pickwick Lake	134.69	37	ePKPdf	PKPdf	08 45 16.0	-0.2
Y47A	UCPARC, Winif	135.56	38	P	PKPdf	08 45 18.7	+0.9
TKL	Tuckaleechee C	136.65	32	ePKIKP	PKPdf	08 45 21.7	+1.8
TKL	Tuckaleechee C	136.65	32	ePKPdf	PKPdf	08 45 21.7	+1.8
LRAL	Lakeview Retre	136.67	38	ePKPdf	PKPdf	08 45 20.6	+0.7
PLCA	Paso Flores	137.53	165	ePKIKP	PKPre	08 45 22.4	+1.0
PLCA	comp-Z, 1.0nm, 0.7s, baz=266, slow=2.6, SNR=6			PKP	PKPdf	08 45 22.4	+1.0
PLCA	comp-Z, 4.5nm, 0.7s, baz=317, slow=0.8, SNR=15			SKP		08 46 40.2	
PLCA	comp-Z, 2.2nm, 0.7s, baz=220, slow=5, SNR=6.6			PKP	PKPdf	08 45 22.9	+1.5
PLCA	Paso Flores	137.53	165	ePKPdf	PKPdf	08 45 22.9	+1.5
BG3	Lake Jocassee	137.60	32	ePKPdf	PKPdf	08 45 24.0	+2.4
IP05	Hopewell Churc	137.79	25	ePKPdf	PKPdf	08 45 24.1	+2.2
KM5C	Kings Mountain	138.32	31	ePKPdf	PKPdf	08 45 23.2	+0.3
TRQA	Toniquet	141.77	174	ePKPre	PKPre	08 45 23.2	0.0
GO05	Hualae0	142.38	160	ePKPre	PKPre	08 45 24.8	
PEL	Peldehue	144.50	160	ePKIKP	PKPdf	08 45 33.8	-0.3
PEL	Peldehue	144.50	160	ePKPdf	PKPdf	08 45 33.8	-0.3
LCO	Las Campanas	148.21	157	ePKPbc	PKPbc	08 45 54.1	+0.9
HDC	Heredia	151.19	69	ePKPbc	PKPbc	08 45 53.4	+1.7
CPUP	Villa Florida	153.75	179	PKP	PKPdf	08 45 49.7	+0.8
CPUP	comp-Z, 6.7nm, 0.9s, baz=140, slow=1.5, SNR=16			PKPbc	PKIKP	08 45 57.9	+0.9
CPUP	comp-Z, 10.0nm, 0.7s, baz=174, slow=1.4, SNR=24			PKPbc	PKPbc	08 46 10.9	+0.8
CPUP	comp-Z, 9.3nm, 0.8s, baz=163, slow=5.5, SNR=7.8			PKPbc	PKPbc	08 45 49.5	+0.5
CPUP	Villa Florida	153.75	179	ePKIKP	PKPdf	08 45 49.5	+0.5
CPUP	Villa Florida	153.75	179	ePKPdf	PKPdf	08 45 49.5	+0.5
CPUP	Villa Florida	153.75	179	ePKPbc	PKPbc	08 46 11.8	+1.5
CPUP	Villa Florida	153.75	179	ePKPbc	PKPbc	08 46 11.8	+1.5
PB11	IPOC Station P	156.66	148	ePKPdf	PKPbc	08 45 54.0	+0.8
PB11	IPOC Station P	156.66	148	ePKPbc	PKPbc	08 46 25.1	+2.0
MNMC	Minnye Minnye	157.21	148	ePKPdf	PKPdf	08 45 53.5	-0.6
RCBP	Riachuelo	158.23	254	ePKPbc	PKPbc	08 46 29.9	-0.1
RUSC	Clavalo	158.45	90	ePKPdf	PKPdf	08 45 56.0	-0.1
LPAZ	La Paz	160.33	146	PKP	PKPdf	08 45 59.8	+1.5
LPAZ	comp-Z, 4.6nm, 0.8s, baz=56, slow=2.5, SNR=20			PKPbc	PKPbc	08 46 42.0	-0.3
LPAZ	comp-Z, 7.8nm, 0.8s, baz=221, slow=4.4, SNR=9.0			PKPbc	PKPbc	08 45 59.4	+1.1
LPAZ	La Paz	160.33	146	ePKPdf	PKPdf	08 45 59.4	+1.1
HELC	Santa Helena	160.44	72	ePKPdf	PKPbc	08 45 58.0	-0.2
HELC	Santa Helena	160.44	72	ePKPbc	PKPbc	08 46 39.8	+0.3
ROSC	El Rosal	161.97	75	PKP	PKPdf	08 46 30.3	+0.4
ROSC	comp-Z, 6.4nm, 0.8s, baz=90, slow=8.0, SNR=7.0			PKPbc	PKPbc	08 46 48.1	+1.2
ROSC	comp-Z, 15nm, 0.9s, baz=270, slow=4.2, SNR=6.0			PKPbc	PKPbc	08 46 08.8	+0.9
ROSC	El Rosal	161.97	75	ePKPdf	PKPdf	08 46 49.5	+2.7
RUSC	La Rusia	162.85	70	ePKPbc	PKPbc	08 45 59.4	+1.5
SDV	Santo Domingo	163.76	57	ePKPdf	PKPbc	08 46 01.1	-0.2
SDV	Santo Domingo	163.76	57	ePKPbc	PKPbc	08 46 55.5	+1.2

s-min=14.3km az=63.0
 UCR 16 08:26:15.9, 1.8, 12.00N:88.31W, h31km, 1.4km, MD4.2, ML3.2, mb4.7(NEIC)
 ISCBJ 16 08:26:16.6, 0.4, 12.03N:0.03:88.20W, 0.03, h57km, 2km, mb4.6/93, MS3.5/8, Error ellipse: s-maj=6.8km
 s-min=3.1km az=41.8
 NEIC 16 08:26:17.5, 0.6, 12.13N:87.99W, h46km, 6km, mb4.7/91, Error ellipse: s-maj=8.1km s-min=4.0km az=210.0
 ISC 16 08:26:17.3, 0.9, 12.06N:0.05:88.18W, 0.04, h47km, 8km, mb4.6/93, MS3.5/8, MS3.5/8, 3C-1D, Off coast of Central America

Code	Station Name	Lat	AZ	Op	Phase I	Time Res	Cost	Res
		°	°			h m s	ISC	ISC
CSGN	Cosiguina Volc	11.0	34	eP	Pn	08 26 37.2	+0.8	
CSGN				eS	Sn	08 26 53.5	+3.0	
LCND	La Cañada	1.27	13	iP	Sn	08 26 38.4	-0.3	
LCND				eS	Sn	08 26 57.8	+0.3	
SRN	San Cristobal	1.28	60	eP	Sn	08 27 39.2	+0.5	
CRIN				eS	Sn	08 26 57.7	+2.8	
LCY	Lacayo	1.36	355	eP	Pn	08 26 39.5	-0.5	
VSM	San Miguel	1.36	356	iP	Pn	08 26 40.1	-0.1	
PACA	Pacayal	1.41	354	eP	Pn	08 26 40.5	-0.2	
PACA				eS	Sn	08 26 46.0	-0.1	
UESV	Ojuastada	1.44	336	eP	Pn	08 26 43.8	+2.7	
UESV				eS	Sn	08 27 05.3	+6.5	
COVN	Copaltepe	1.56	85	iP	Pn	08 26 42.5	-0.1	
MOVM	Momotombo	1.64	78	eP	Pn	08 26 43.5	-0.3	
LFRS	El Faro	1.76	331	eP	Pn	08 26 44.1	-1.5	
YAVN	Grua Xavier	1.82	87	eP	Pn	08 26 46.0	-0.1	
LBRS	Las Brisas	1.87	333	eP	Pn	08 26 46.1	-0.8	
MGAN	Managua	1.89	87	eP	Pn	08 26 46.9	-0.3	
MGAN	comp=N, 7.4nm, 0.5s			AML	AML	08 27 05.3		
MGAN		1.89	87	ePn	Pn	08 26 45.1	-2.0	
UDBS	Soyapango	1.91	330	eP	Sn	08 26 46.4	-1.1	
UDBS				eS	Sn	08 27 09.8	-0.5	
SNET	Serv Nac Est T	1.92	328	eP	Sn	08 26 46.2	-1.3	
SNET				eS	Sn	08 27 09.4	-1.1	
SNET				IAML		08 27 18.9		
OPAM	San Salvador	1.93	329	eP	Pn	08 26 46.2	-1.4	
OPAM				eS	Sn	08 27 10.9	+0.2	
COLS	Colinas	1.93	326	eP	Sn	08 26 46.4	-1.5	
COLS				eS	Sn	08 27 09.9	-1.2	
UESV	San Salvador	1.96	328	eP	Pn	08 26 46.1	-0.5	
BOQS	Boqueron	1.98	327	eP	Pn	08 26 47.8	-0.8	
SBSL	San Blas	2.26	322	eP	Pn	08 26 51.4	-1.1	
SNJE	San Jose	2.27	323	eP	Pn	08 26 51.5	-1.0	
SNJE				eS	Sn	08 27 18.7	-0.7	
MATN	Matagalpa	2.37	68	eS	Sn	08 26 46.1	-0.2	
VCR	Vista de Mar	3.15	127	eP	Pn	08 27 04.2	-0.4	
SRA1	San Ramon	4.13	118	eP	Pn	08 27 19.6	+1.6	
SRA1				eS	Sn	08 28 06.3	+1.2	
CGA2	Cerro Gallo 2	4.47	119	eP	Pn	08 27 19.9	+1.3	
HDC	Heredia	4.49	117	ePn	Pn	08 27 23.5	+0.6	
SJS	Escuela Geolog	4.57	117	eP	Pn	08 27 27.7	+2.7	
LCR2	La Lucha 2	4.71	119	eP	Pn	08 27 27.6	+1.6	
QCR1	Quepos	4.73	123	eP	Pn	08 27 27.1	+0.9	
URSC	Urasca	4.86	117	eP	Pn	08 27 31.4	+3.3	
BUS	Buena Vista	5.01	119	eP	Pn	08 27 31.9	+1.5	
COIG	Comitan	5.69	316	ePn	Pn	08 27 41.1	+1.7	
PTJ1	Paratejeme	5.94	126	eP	Pn	08 28 13.5	-0.1	
CMIG	Matias Romero	5.98	308	Pn	Pn	08 28 13.5	-0.1	
CMIG	comp=Z, 0.9nm, 0.3s, baz=137, slow=9.3, SNR=9.9			Sn		08 29 41.7	-3.3	
TLIG	TLiga	11.43	300	ePn	Pn	08 29 00.0	+1.9	
MTDJ	Mont Denham	11.97	58	ePn	Pn	08		

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

SOME 16:09:10:07.9.41'73N.77'38E, h0km
KRNET 16:09:10:08.0.7.0.1, 41.79N.77.33E, h24km, mb2.6
ISC 16:09:10:09.0.1.5, 41.75N.0.05.77.32E.0.03, h6km, 11km, n28, e1503/56, 22C-4D, Kyrgyzstan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTBS 24nm,0.2s, SATY Saty, SATY Saty, SATY Saty, etc.

ISCJBJ 16:09:11:57.0.5.0, 40.90N.0.02:31.76E.0.02, h2km, 4km, Error ellipse: s-maj=4.1km s-min=2.8km az=175.9
ISK 16:09:11:57.0.4, 40.89N.31.77E, h8km, MD3.1
DDA 16:09:11:57.6, 40.86N.31.79E, h8km, M13.2
CSEM 16:09:11:58.1, 40.88N.31.77E, h5km, ML3.2, Error ellipse: s-maj=2.6km s-min=1.6km az=177.0
ISC 16:09:11:58.1, 40.88N.0.02:31.76E.0.02, h9km, 8km, n79, e090/105, Turkey

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

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

ISCJBJ 16:09:20:12.9.1.6, 6.41N.0.04:77.67W.0.03, h10km, 7km, mb4.2/26, Error ellipse: s-maj=7.1km s-min=4.7km az=38.9

RSNC 16:09:20:13.2.0.9, 6.32N.77.78W, h17km, 6km, ML3.4
NEIC 16:09:20:15.4.0.4, 6.45N.77.81W, h10km, mb4.5/17, Error ellipse: s-maj=9.9km s-min=5.8km az=222.0
IDC 16:09:20:22.0.3.7, 6.46N.77.64W, h74km, 35km, mb3.4/8, mb1.3/7.9, mb1mx3.5/3, mbtp3.7/9, ML2.2/1, Error ellipse: s-maj=39.9km s-min=17.9km az=60.0

ISC 16:09:20:14.2.1.7, 6.48N.0.05:77.69W.0.06, h6km, 10km, n55, e197/59, mb4.3/26, Near west coast of Colombia

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

ISCJB 16 09:21:08.6,0.6,39:87N,0:09:96:36E,0:07,10km, mb3.6/9, Error ellipse: s-maj=13.4km s-min=5.3km az=23.9

BUI 16 09:21:10.6,39:80N,96:17E,h7km,ML3.8/12,Ms3.3/2, Ms7.3/3/3

IDC 16 09:21:10.1,0.9,39:82N,96:18E,h0km,mb3.6/9, mb1.3.8/12,mb1mx3.6/48,mbtmp3.7/12,ML3.5/3, Error ellipse: s-maj=23.9km s-min=15.7km az=40.0

ISC 16 09:21:11.5,0.6,39:9N,0:1:96:14E,0:07,10km,n16, r194/20,mb3.8/9,Gansu

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like GTA Gaotai, LZH Lanzhou, WMQ Urumqi, etc.

MEX 16 09:30:26.8,0.5,16:58N,98:08W,h50km,6km,MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa, etc.

ISCJB 16 09:43:11.5,0.8,38:73N,0:03:43:67E,0:08,h12km,5km, Error ellipse: s-maj=11.1km s-min=4.3km az=12.0

CSEM 16 09:43:11.3,0.3,38:73N,43:66E,h15km,MD2.7, Error ellipse: s-maj=9.2km s-min=4.3km az=96.0

DDA 16 09:43:11.2,39:70N,43:57E,h10km,MD2.9

ISC 16 09:43:11.1,38:73N,43:53E,h23km,MD2.7

ISC 16 09:43:11.5,0.1,38:75N,0:02:43:67E,0:04,h18km,4km, n24,r108/36,Turkey

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, VANB Van, TVAN Van, etc.

IDC 16 09:45:09.0,1.2,21:85N,143:17E,h0km,mb3.7/5, mb1.4/0.5,mb1mx3.4/56,mbtmp3.7/5, Error ellipse: s-maj=50.5km s-min=28.0km az=101.0, Mariana Islands region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ILAR Eielson Array, BVAR Borovoye Array, etc.

YKA 0.5nm,0.3s,baz=99,slow=7.3,SNR=3.6 Yellowknife Arr 76.33 28 P P 09 56 59.6 +0.1

FINES FINES Array B 83.04 334 P P 09 57 34.2 -1.9

IDC 16 09:55:44.8,0.8,24:42N,122:20E,h0km,mb3.7/10, mb1.3.8/11,mb1mx3.6/55,mbtmp3.7/11,ML2.3/1,MS2.5/1, Ms1.2.5/1,ms1mx2.3/34, Error ellipse: s-maj=32.0km s-min=18.1km az=72.0

BUI 16 09:55:43.8,24:40N,121:95E,h9km,mb3.6/3,ML3.5/4

ISCJB 16 09:55:44.7,0.2,24:44N,0:02:122:00E,0:02,h24km,2km, mb3.5/11, Error ellipse: s-maj=3.0km s-min=2.2km az=152.9

JMA 16 09:55:44.2,0.1,24:36N,121:91E,h30km,4km,MA4.0

TAP 16 09:55:44.6,24:41N,121:92E,h20km,ML4.3,B

ISC 16 09:55:44.1,0.9,24:41N,0:02:121:97E,0:02,h17km,6km, n105,r0586/144,mb3.7/11,10C-17D,Taiwan

Large table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like ENAH Nanao, EOS1 EOS1, ENA Nanao, etc.

baz=235 WNT Mingjing 1.29 246 eP Pg 09 56 08.9 -0.2

baz=247 WNT 1.31 226 eP Sg 09 56 27.7 +1.7

baz=225 YUS Yu-Shan 1.33 256 eP Pb 09 56 09.4 +0.7

baz=257 WCHH Zhanghua 1.36 207 eP Pn 09 56 08.0 -0.3

baz=220 FULB Ful 1.42 203 eP Pn 09 56 07.6 -1.5

baz=186 CHKT Chengkung 1.44 236 eP Pn 09 56 11.2 +0.7

baz=241 CHNS Tsuling 1.48 241 eP eS 09 56 31.1 +0.5

baz=237 WGG Gukung 1.50 242 eP Pb 09 56 11.3 +0.2

baz=242 WDLH Douliu 1.50 246 eP Pb 09 56 12.2 +0.8

baz=202 ELDTW Lidau 1.50 216 eP Pn 09 56 09.9 -0.4

baz=241 IRIF Irifome-Funau 1.60 92 P P 09 56 11.8 +0.2

baz=254 CHN2 Minshiang 1.63 238 eP S 09 56 14.1 +0.5

baz=224 WTCT Tcheng 1.64 251 eP Pb 09 56 13.7 -0.2

baz=210 STYT Tauyuan 1.67 222 fP Pn 09 56 13.6 +1.0

baz=210 CHY Chiayi 1.68 238 eP S 09 56 14.6 0.0

baz=239 CHY Chiayi 1.68 238 eP S 09 56 14.6 0.0

baz=228 WTP Ta-pu 1.70 227f eP Pb 09 56 14.7 -0.3

baz=228 WTP Hateruma jima 1.71 102 P P 09 56 13.6 +0.5

baz=245 HATJ Szu 1.78 245 eP S 09 56 15.1 +1.1

baz=193 TWG Puzi 1.79 208 eP Pn 09 56 13.1 -1.1

Large table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like WNT Mingjing, YUS Yu-Shan, WCHH Zhanghua, etc.

Azm28.0000": nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. KLM 16:26:47.0,0.19s,125.54E,h75km,mb5.3 NEIC 16:26:47.0,0.5,2.13s,125.48E,h62km,5km,mb5.3/69, Error ellipse: s-maj=5.5km s-min=3.9km az=71.0 NEIC Felt (I) on Pulau Ternate, Indonesia. ISC 16:26:46.3,0.5,0.24s,103.125,47E,0.03,h54km,4km, n437, s1971/499,mb5.2/140,MS4.1/28,34C-22D,

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, and various station identifiers like SANI, LBMI, TMTI, etc.

Table with columns: GUMO, Station Name, Az, Az', Phase ID, ISC, Time, Res, and various station identifiers like GUMO, YULB, TPUB, FRIM, etc.

Table with columns: CD2, Station Name, Az, Az', Phase ID, ISC, Time, Res, and various station identifiers like CD2, XAN, KSAK, etc.

16d 11h

Table with columns: VTS, Vitosha, 99.19 313, P, Pdif, 10 40 21.7 -0.8, etc. Lists various stations and their coordinates.

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

2012 JAN

Table with columns: AAK, Ala-Archa, 6.82 25, P, Pn, 10 45 33.1 +0.1, etc. Lists stations and their coordinates.

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

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

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Table with columns: MOA, Molin, 0.03 88, P, Pg, 11 01 39.3 -0.2, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FETA, MANZ, NKCC, GRA1, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, MKAR, etc.

s-min=6.5km az=162.4
IDC 16 11:50:36.3, 3.1, 35.69N; 140.65E, h36km, 26km, mb3.6/13, mb1.3/17, mb1mx3.6/42, mbtmp3.8/17, ML2.7/3, MS3.1/7, Ms1.3/27, ms1mx2.8/52, Error ellipse: s-maj=21.0km s-min=14.9km az=85.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CHOU, JCN, JYT, BSO4, etc.

ATH 16 11:52:48.4, 40.19N; 24.01E, h19km, 1km, ML2.4/6, Error ellipse: s-maj=1.8km s-min=0.9km az=337.0
CSEM 16 11:52:49.4, 40.15N; 24.07E, h10km, ML2.5, Error ellipse: s-maj=2.8km s-min=2.2km az=137.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like OUR, PAIG, PLG, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FYTO, SMTH, SMTH, etc.

IGQ 16 11:53:14.0, 1.0, 3.35S; 79.9W, h9km, 9km, MLv4.2
ISC 16 11:53:10.3, 3.3, 3.05; 0.2, 79.0W, 0.1, h10km, n34, 0.18/138, Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IGUA, BMAS, BPAT, etc.

ISCJB 16 11:54:23.0, 0.5, 39.11N; 0.03; 29.07E; 0.04, h8km, 4km, Error ellipse: s-maj=6.3km s-min=4.6km az=43.5
ISK 16 11:54:22.1, 39.15N; 29.02E, h7km, ML2.5
DDA 16 11:54:23.0, 39.13N; 29.02E, h7km, ML2.6
CSEM 16 11:54:23.0, 0.1, 39.11N; 29.05E, h10km, ML2.5, Error ellipse: s-maj=3.1km s-min=2.6km az=108.0

ISC 16 11:54:22.9, 0.9, 39.12N; 0.03; 29.05E; 0.03, h12km, 5km, n35, 0.27/45, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SIMA, DEMI, TVSB, etc.

NIED 16 11:50:00, 35.70N; 140.80E, h53km, Mw4.2 Best double couple: M2.20000; 1015° NP1; 141.00000; 82.00000°, 145.00000°. NP2; 148.00000; 87.00000; 106.00000°.
ISCJB 16 11:50:36.1, 0.5, 35.75N; 0.04; 140.74E; 0.07, h52km, 4km, mb3.7/13, MS3.2/4, Error ellipse: s-maj=9.4km

ATH 16 14:30:01.8, 35.42N-27.86E, h19km, 2km, ML3.0/4, Error ellipse: s-maj=4.3km s-min=1.4km az=320.0

ISCJB 16 14:30:02.3, 0.9, 35.48N-27.85E, h03km, 0.83km, 7km, MS3.2/4, Error ellipse: s-maj=7.1km s-min=4.0km

THE 16 14:30:03.7, 35.57N-27.75E, h0km, 1km, ML2.8/4, Error ellipse: s-maj=5.3km s-min=1.2km az=142.0

DDA 16 14:30:39.1, 35.52N-27.83E, h49km, M3.3/3, Error ellipse: s-maj=168.1km s-min=25.0km az=59.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ASAR 0.1nm, 0.3s, baz=320, slow=20, SNR=4.3

ISC 16 15:06:01.9, 0.5, 66.58S-25.21W, h07km, mb4.6/16, MS1 4.3/13, ms1mx2.2/18, Error ellipse: s-maj=18.8km s-min=14.8km az=18.0

NEIC 16 15:06:03.1, 0.2, 56.72S-25.05W, h10km, mb5.1/16, Error ellipse: s-maj=0.9km s-min=0.9km az=206.0

MOS 16 15:06:05.1, 9.5, 66.74S-25.31W, h32km, mb5.1/6, Error ellipse: s-maj=24.0km s-min=14.1km az=113.8

ISC 16 15:06:07.4, 0.3, 56.66S-25.008-25.20W, h40km, n122, s1888/122, mb5.0/24, MS4.3/17, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

KIEV comp=Z, 4.0nm, 1.0s

FINES comp=Z, 1.7nm, 0.8s, baz=227, slow=7.1, SNR=2.7

BMO comp=Z, 1.0nm, 0.8s, baz=105, slow=4.4, SNR=4.1

AAK comp=Z, 1.3nm, 0.9s, baz=90, slow=3.0, SNR=2.9

QIZ comp=Z, 2.00nm, 17.5s

BVA comp=Z, 1.3nm, 0.8s, baz=270, slow=1.5, SNR=6.1

YKA comp=Z, 1.1nm, 0.9s, baz=124, slow=2.0, SNR=17

LZH comp=Z, 1.5nm, 0.4s, baz=124, slow=6.2, SNR=3.8

ZALV comp=Z, 1.90nm, 20.3s

ZALV comp=Z, 2.0nm, 0.5s, baz=278, slow=4.2, SNR=2.5

INX comp=Z, 1.5nm, 1.1s

HHC comp=Z, 7.8nm, 8.5s

HHC comp=Z, 140nm, 19.4s

ZAK comp=Z, 100nm, 18.0s

SONM comp=Z, 2.3nm, 0.7s, baz=226, slow=3.5, SNR=11

DOT comp=Z, 1.0nm, 0.9s, baz=128, slow=1.1, SNR=41

FYU comp=Z, 10.0nm, 1.4s

DHL comp=Z, 2.2nm, 0.7s, baz=178, slow=5.9, SNR=13

ILB comp=Z, 1.0nm, 0.9s, baz=128, slow=1.1, SNR=41

CCB comp=Z, 1.5nm, 0.4s, baz=124, slow=6.2, SNR=3.8

CAST comp=Z, 153.03, 317.00, 317.00, 317.00

IMAR comp=Z, 1.4nm, 0.5s, baz=198, slow=5.8, SNR=9.2

RUSC comp=Z, 1.27nm, 19.2s, baz=290, slow=31

RUSC comp=Z, 1.1nm, 1.4s

IBST comp=Z, 1.2qm, 0.1s

IBST comp=Z, 1.7nm, 0.1s

ITBZ comp=Z, 4.0m, 0.1s

ITBZ comp=Z, 4.0m, 0.1s

ISCJB 16 15:06:34.9, 0.3, 37.69N-0.02-48.87E, h10km, mb3.6/4, MS3.3/1, Error ellipse: s-maj=4.4km s-min=2.4km baz=155.8

CSEM 16 15:06:35.7, 0.2, 37.69N-48.81E, h10km, ML3.7, Error ellipse: s-maj=5.9km s-min=3.1km az=63.0

DDA 16 15:06:36.5, 3.1, 38.03N-48.88E, h03km, mb3.7/4, mb1 3.8/8, mb1mx3.5/48, mbtm3.8/8, ML3.5/4, MS3.3/1, MS1 3.4/1, ms1mx2.3/46, Error ellipse: s-maj=51.4km s-min=14.9km az=9.0

THE 16 15:06:37.3, 37.76N-48.74E, h23km, ML3.9

ISC 16 15:06:34.2, 0.6, 37.67N-0.02-48.80E, h03km, n67, s1885/83, mb3.7/4, 14C-20D, Northwestern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, 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 ITBZ, HKZM, ALIB, IRAZ, IMHD, ORD, NAKHCHIVAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, KURBS Kurchatov Arra, SJA, IDC, WRA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILIN, ILIN Lien, IVIS Veis, IGHG, etc.

ISC/B 16:15:06.44.7.1.0.31.76S:0.04:69.91W:0.06, h118km,10km, Error ellipse: s-maj=8.4km s-min=6.7km az=149.3

THR 16:15:24:37.3.1.6.34.30N:49.94E, h14km, ML3.7 ISN 16:15:24:37.4.4.7.34.32N:49.80E, h15km, ML3.8

GUC 16:15:06:45.1.0.5.31.76S:70.44W, h133km,17km, ML2.7 ISC 16:15:06:46.0.1.8.31.73S:0.04:69.88W:0.05, h111km,15km, n14, s122/22, 3C, San Juan Province

16d 15h

TWKBT	baz=314	eS	Sb	15 41 14.4	-1.3	
TWK1	Hengchun	0.95 314	eP	Pb	15 41 01.7	-1.6
TWK1	baz=314	eS	Sb	15 41 14.7	-1.1	
HEN	Hengchun	1.03 314	eP	Pb	15 41 03.8	-1.0
HEN	baz=314	eS	Sb	15 41 17.0	-1.4	
TAW	Tawu	1.23 331	eP	Pw	15 41 05.5	-2.4
TAW	baz=342	S	Sb	15 41 19.9	-3.9	
EAST	Anshuo	1.27 330	iP	Pn	15 41 05.9	-2.6
EAST	baz=340	S	Sb	15 41 21.4	-3.7	
SCZT	Fangliu	1.38 322	P	Pn	15 41 08.3	-1.7
SCZT	baz=310	eS	Sn	15 41 24.9	-3.3	
ECL	Taimali	1.42 338	eP	Pn	15 41 07.6	-2.9
ECL	baz=339	eS	Sn	15 41 23.8	-5.3	
TWP	Hsiaoliuchi	1.52 314	eP	Pn	15 41 10.4	-1.6
TWP	baz=315	eS	Sn	15 41 30.3	-1.4	
MASBT	Mashbuluo	1.57 328	eP	Pn	15 41 11.0	-1.7
MASBT	baz=339	eS	Sn	15 41 29.6	-3.3	
TWGBT	Beinan	1.59 345	eP	Pn	15 41 10.4	-2.5
TWGBT	baz=335	eS	Sn	15 41 26.9	-6.5	
TWG	Pinlang	1.59 344	eP	Pn	15 41 10.0	-2.9
TWG	baz=346	ePn	Pn	15 41 09.9	-3.0	
TWG	Pinlang	1.69 330	ePn	Pn	15 41 12.7	-1.5
SSD	Sandimen	1.68 330	eP	Pn	15 41 14.9	+0.1
SSD	baz=339	eP	Pn	15 41 14.9	+0.1	
SGLT	Jiouru	1.73 326	eP	Pn	15 41 14.7	-1.4
SGLT	baz=336	eP	Pn	15 41 36.9	-2.1	
CHKT	Chengkung	1.81 355	eP	Pn	15 41 17.4	+0.9
CHKT	baz=2.0	eS	Sn	15 41 40.9	+1.0	
TWM1	Shoushan	1.85 326	eP	Pn	15 41 16.1	-1.4
TWM1	baz=327	eS	Sn	15 41 40.2	-1.4	
FULB	Fulli	1.92 353	eP	Pn	15 41 15.6	-2.5
FULB	baz=344	eS	Sn	15 41 18.6	0.0	
ELDTW	Lidau	1.96 346	eP	Pn	15 41 42.7	-0.9
ELDTW	baz=347	eP	Pn	15 41 17.6	-1.2	
SGST	Jiashian	2.00 334	eP	Pn	15 41 41.2	-2.6
SGST	baz=335	eS	Sn	15 41 42.9	-2.4	
STYT	Taiyuan	2.01 339	eP	Pn	15 41 21.3	+1.5
STYT	baz=348	eS	Sn	15 41 43.9	-1.8	
TWF1	Yuli	2.07 354	eP	Pn	15 41 20.0	-0.2
TWF1	baz=345	eS	Sn	15 41 45.2	-1.2	
CHN3	Shinhua	2.09 329	eP	Pn	15 41 18.6	-1.6
CHN3	baz=329	eS	Sn	15 41 41.7	-4.6	
CHN1	Nanshi	2.11 334	eP	Pn	15 41 19.8	-0.3
CHN1	baz=335	eS	Sn	15 41 20.8	+0.3	
YULB	Yu-ji	2.11 354	eP	Pn	15 41 44.1	-2.8
YULB	baz=346	eS	Sn	15 41 21.5	+0.5	
YULB	Yu-ji	2.11 354	ePn	Pn	15 41 21.2	+0.2
WTP	Ta-pu	2.13 337	eP	Pn	15 41 21.8	+0.4
WTP	baz=337	eS	Sn	15 41 45.7	-2.9	
TPUB	Ta-pu	2.18 337	eP	Pn	15 41 20.9	-0.5
TPUB	baz=338	ePn	Pn	15 41 21.8	+0.2	
TWK	Hsiinying	2.20 334	eP	Pn	15 41 45.2	-3.8
TWK	baz=335	eS	Sn	15 41 22.0	+0.2	
HGH	Ruisui	2.20 357	eP	Pn	15 41 49.1	-0.3
HGH	baz=7.0	eP	Pn	15 41 22.0	-0.6	
EHY	Hungye	2.22 355	eP	Pn	15 41 50.7	0.0
EHY	baz=345	eS	Sn	15 41 24.1	-0.4	
CHN4	Tsaushan	2.24 337	eP	Pn	15 41 53.0	-1.2
CHN4	baz=338	eS	Sn	15 41 24.5	-0.2	
YUS	Yu-Shan	2.26 346	eP	Pn	15 41 54.4	-0.2
YUS	baz=357	eS	Sn	15 41 23.7	-1.2	
CHY	Chiayi	2.43 335	eP	Pn	15 41 25.2	-0.5
CHY	baz=336	eS	Sn	15 41 26.1	-0.1	
CHN5	Tsauling	2.44 341	eP	Pn	15 41 55.9	-1.3
CHN5	baz=342	eS	Sn	15 41 26.8	+0.6	
WLBG	Puzi	2.47 333	eP	Pn	15 41 26.7	+0.5
WLBG	baz=333	eP	Pn	15 41 25.8	-1.1	
ESL	Shilin	2.52 358	eP	Pn	15 41 26.1	-1.1
ESL	baz=350	eP	Pn	15 41 54.4	-4.6	
SSLB	Suanglung	2.55 348	eP	Pn	15 41 27.5	+0.2
SSLB	baz=335	eS	Sn	15 41 59.0	-0.3	
SSLB	Suanglung	2.55 348	ePn	Pn	15 41 26.9	-0.5
WGK	Gukung	2.56 340	eP	Pn	15 41 25.8	-1.1
ENLB	Shoufeng	2.61 1	eP	Pn	15 41 26.1	-1.1
ENLB	baz=2.0	eP	Pn	15 41 54.4	-4.6	
WDGT	Dungji	2.63 319	eP	Pn	15 41 27.5	+0.2
WDGT	baz=330	eS	Sn	15 41 59.0	-0.3	
WJS	Zhushan	2.64 344	eP	Pn	15 41 26.9	-0.5
WJS	baz=332	eS	Sn	15 41 28.3	+0.6	
WSF	Szhu	2.64 333	eP	Pn	15 41 28.6	+0.6
WSF	baz=333	eP	Pn	15 42 00.3	-0.1	
SMLT	Sun Moon Lake	2.66 347	eP	Pn	15 42 01.6	-1.7
SMLT	baz=335	eP	Pn	15 42 01.6	-1.7	
TYC	Yuchr	2.68 347	eP	Pn	15 42 01.6	-1.7
TYC	baz=335	eS	Sn	15 42 01.6	-1.7	
CHGB	Renai	2.79 353	eP	Pn	15 42 29.0	-0.4
CHGB	baz=339	eS	Sn	15 42 30.8	+1.2	
TWD	Chiawan	2.79 1	eP	Pn	15 42 00.1	-3.2
TWD	baz=9.0	eP	Pn	15 41 31.8	+1.0	
DPDB	Guoxing	2.80 348	eP	Pn	15 41 28.9	-1.7
DPDB	baz=337	eS	Pn	15 42 00.7	-0.7	
WHF	Hehuan Shan	2.86 355	eP	Pn	15 41 30.0	-0.7
WHF	baz=3.0	eP	Pn	15 41 30.6	0.0	
PHUB	P'eng-hu	2.87 321	eP	Pn	15 41 29.7	-1.5
PHUB	baz=321	eS	Sn	15 42 01.9	-4.4	
NACB	Ninganchiao	2.88 1	eP	Pn		
NACB	baz=322	ePn	Pn			
PNG	Penghu	2.92 321	eP	Pn		
PNG	baz=322	eS	Sn			

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TDCB	Techi	2.98 353	eP	Pn	15 41 33.9	+1.7
TDCB	baz=344	eS	Sn	15 42 06.8	-1.1	
SGCP	Mt. Cagua	3.06 171	eP	Pn	15 41 32.1	-1.1
NNSB	Datong	3.13 357	eP	Pn	15 41 35.7	+1.4
NNSB	baz=358	eS	Sn	15 42 10.1	-1.6	
ENA	Nanau	3.14 3	eP	Pn	15 41 35.1	+0.9
ENA	baz=4.0	eP	Pn	15 42 09.9	-1.7	
NANB	Nanau	3.14 4	eP	Pn	15 41 35.9	+1.5
NANB	baz=13	eS	Sn	15 41 36.1	+1.6	
NNS	Nan Shan	3.15 357	eP	Pn	15 42 09.8	-2.4
NNS	baz=358	eP	Pn	15 41 37.4	+0.7	
ENAH	Nanah	3.16 4	eP	Pn	15 42 14.7	-1.5
ENAH	baz=13	eS	Sn	15 42 14.7	-1.5	
TWC	Suao	3.32 5	eP	Pn	15 42 14.7	-1.5
TWC	baz=13	eS	Sn	15 42 14.7	-1.5	
TWC	Nioudou	3.34 0	eP	Pn	15 42 14.3	-2.4
TWC	baz=1.0	eS	Sn	15 41 37.7	+0.1	
ENTT	Yeheng	3.38 357	eP	Pn	15 42 17.1	-0.5
ENTT	baz=6.0	S	Sn	15 41 38.0	+0.4	
YHNB	Yeheng	3.38 357	ePn	Pn	15 41 37.5	-0.1
YHNB	baz=6.0	ePn	Pn	15 42 15.4	-2.3	
YHNB	Yeheng	3.38 357	eP	Pn	15 41 38.4	+0.7
YHNB	baz=6.0	eP	Pn	15 42 17.0	-0.7	
YHNB	Yeheng	3.41 22	P	Pn	15 41 38.9	+0.9
YHNB	baz=6.0	P	Pn	15 42 19.3	+0.9	
JYNG	Conner	3.41 185	eS	Sn	15 41 38.9	+0.6
JYNG	APYP	3.42 2	eP	Pn	15 41 39.6	+1.4
JYNG	APYP	3.42 2	eP	Pn	15 42 17.5	-1.2
TWE	Neicheng	3.42 2	eP	Pn	15 41 38.6	+0.1
TWE	baz=355	eS	Sn	15 42 13.1	-6.1	
YOJ	Yonaguni jima	3.44 23	eP	Pn	15 41 38.9	+0.5
YOJ	baz=24	eS	Sn	15 41 39.6	+1.2	
YOJ	Yonaguni jima	3.44 23	eP	Pn	15 42 19.8	+0.6
YOJ	Yonaguni jima	3.44 23	ePn	Pn	15 41 38.9	+0.6
YOJ	Yonaguni jima	3.44 23	eP	Pn	15 41 38.7	0.0
YOJ	Yonaguni jima	3.46 37	P	Pn	15 42 18.3	-1.4
YOJ	HATJ	3.47 3	eP	Pn	15 41 39.1	+0.3
YOJ	ILA	3.47 3	eP	Pn	15 42 18.6	-1.3
YOJ	ILA	3.47 3	eP	Pn	15 41 42.8	+2.8
YOJ	ILA	3.47 3	eP	Pn	15 42 22.4	+0.2
YOJ	ILA	3.47 3	eP	Pn	15 41 40.5	+0.3
YOJ	ILA	3.47 3	eP	Pn	15 41 41.2	0.0
YOJ	ILA	3.47 3	eP	Pn	15 42 26.6	+2.3
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	+1.4
YOJ	ILA	3.47 3	eP	Pn	15 41 42.9	+1.2
YOJ	ILA	3.47 3	eP	Pn	15 41 41.1	-0.8
YOJ	ILA	3.47 3	eP	Pn	15 41 42.6	+0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 44.2	+1.3
YOJ	ILA	3.47 3	eP	Pn	15 41 46.0	+3.0
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	-0.3
YOJ	ILA	3.47 3	eP	Pn	15 42 27.8	-1.6
YOJ	ILA	3.47 3	eP	Pn	15 41 47.4	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 42 31.8	-5.1
YOJ	ILA	3.47 3	eP	Pn	15 41 47.9	-0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 36.1	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 50.2	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 43.1	+1.4
YOJ	ILA	3.47 3	eP	Pn	15 41 42.9	+1.2
YOJ	ILA	3.47 3	eP	Pn	15 41 41.1	-0.8
YOJ	ILA	3.47 3	eP	Pn	15 41 42.6	+0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 44.2	+1.3
YOJ	ILA	3.47 3	eP	Pn	15 41 46.0	+3.0
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	-0.3
YOJ	ILA	3.47 3	eP	Pn	15 42 27.8	-1.6
YOJ	ILA	3.47 3	eP	Pn	15 41 47.4	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 42 31.8	-5.1
YOJ	ILA	3.47 3	eP	Pn	15 41 47.9	-0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 36.1	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 50.2	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 43.1	+1.4
YOJ	ILA	3.47 3	eP	Pn	15 41 42.9	+1.2
YOJ	ILA	3.47 3	eP	Pn	15 41 41.1	-0.8
YOJ	ILA	3.47 3	eP	Pn	15 41 42.6	+0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 44.2	+1.3
YOJ	ILA	3.47 3	eP	Pn	15 41 46.0	+3.0
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	-0.3
YOJ	ILA	3.47 3	eP	Pn	15 42 27.8	-1.6
YOJ	ILA	3.47 3	eP	Pn	15 41 47.4	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 42 31.8	-5.1
YOJ	ILA	3.47 3	eP	Pn	15 41 47.9	-0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 36.1	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 50.2	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 43.1	+1.4
YOJ	ILA	3.47 3	eP	Pn	15 41 42.9	+1.2
YOJ	ILA	3.47 3	eP	Pn	15 41 41.1	-0.8
YOJ	ILA	3.47 3	eP	Pn	15 41 42.6	+0.4
YOJ	ILA	3.47 3	eP	Pn	15 42 44.2	+1.3
YOJ	ILA	3.47 3	eP	Pn	15 41 46.0	+3.0
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	+0.9
YOJ	ILA	3.47 3	eP	Pn	15 41 44.3	-0.3
YOJ	ILA	3.47 3	eP	Pn	15 42 27.8	-1.6
YOJ	ILA	3.47 3	eP	Pn	15 41 47.4	-0.9
YOJ	ILA	3.47 3	eP	Pn	15 42 31.8	-5.1

Table with columns: WRA, ASAR, MKAR, Station Name, Azimuth, Elevation, Frequency, Power, etc.

TIR 16 17:35:53.4,2.2,41.18N,20.25E,h2km,25km,ML3.6
ATH 16 17:35:54.8,4.1,15N,20.26E,h11km,2km,ML2.9,Error
ellipse: s-maj=2.9km s-min=1.1km az=295.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: PDG, Podgorica, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: KSH, Kashi, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: KSH, Kashi, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: KSH, Kashi, Station Name, Azimuth, Elevation, Frequency, Power, etc.

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Table with columns: KSH, Kashi, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: KSH, Kashi, Station Name, Azimuth, Elevation, Frequency, Power, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SORM Soroca, KSP Ksiaz, CLL Collim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JHO Hitachi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 16:18:50:11, 16:62N-120:76E, h52km, mb4.3, ML3.2, MS3.1, Luzon.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROM 16:18:58:13.6:0.1, 42:30N-13:01E, h7km, 1km, Mdl 1/7.3, MH1.2/3, Error ellipse: s-maj=0.5km s-min=0.1km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDN 16:19:04:36.0:1.4, 24:82S-179:16W, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/24, mbtmp3.8/4, Error ellipse: s-maj=70.6km s-min=30.3km az=176.0, South of Fiji.

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.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 16:19:06:43.2:0.2, 36:54N-142:46E, h36km, M3.2, IDC 16:19:06:46.6:1.9, 37:36N-141:92E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3.3/37, mbtmp3.2/5, ML3.0/1, Error ellipse: s-maj=15.2km s-min=25.3km az=54.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 16:19:26:35, 9:26N-125:72E, h21km, mb3.8, ML2.5, MS2.1, Mindanao.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, SCBH Surigao, MSLP Maasin, BUKP Musuan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 16:19:43:46.2:1.6, 37:98N-69:26E, h0km, mb3.7/8, mb1 3.8/14, mb1mx3.5/58, mbtmp3.7/14, ML3.3/6, Error ellipse: s-maj=30.8km s-min=10.7km az=153.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, SFK 9.1nm,0.6s, SFK 33nm,0.5s, SFK 116nm,0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNAS Manas, MNAS 9.8nm,0.6s, MNAS 19nm,0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AMAL Alamyashu, EKSE Erkin-Say, UCH UNCR-17, AAK Ala-Archa, AAK 4.6nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KZA Kyzart, KBK Karagaybulak, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKTO Aktyubinsk, AKTO 2.0nm,0.6s, AKTO 7.4nm,1.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, PKN Pulchoki, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, TAPN Tappejung, ODAN Odare, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFJ Afiamalu, DZM Mont Dzumac, DZM 0.8nm,0.3s, etc.

couple: M3.15000.1014 NP1.8x173.00000. 852.00000. 149.00000. NP2.8x47.00000. 853.00000. 130.00000. JMA 16:20:03:54.2.0.5, 32.26N.141.98E, h12km, M3.9, IDC 16:20:03:54.9.1.1, 32.12N.141.74E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.6/43, mbtbp3.7/7, ML3.4/1, MS2.8/4, Ms1 2.8/4, ms1mx2.5/44, Error ellipse: s-maj=34.4km s-min=18.8km az=72.0

ISCJB 16:20:03:56.7.0.8, 32.21N.0.06.141.9E.0.1, h29km, mb3.7/6, MS3.3/2, Error ellipse: s-maj=16.9km s-min=6.3km az=158.8

ISC 16:20:03:59.0.1.1, 32.22N.0.08.141.9E.0.1, h29km, n20, 089722, mb3.7/6, Southeast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
JHU2	Mitsune	1.92 298	P	Pn	20 04 28.8	-0.9		
JHU	Hachioji jma	1.95 298	Pn	Pn	20 04 28.7	-1.4		
BSO1	Boso 1	2.54 344	P	Pn	20 04 36.1	-1.6		
BSO3	Boso 3	2.81 337	P	Pn	20 04 40.9	-0.8		
BSO4	Boso 4	3.04 334	P	Pn	20 04 44.5	-0.5		
JOD2	Odawara 2	3.81 326	S	Pn	20 05 39.1	-0.4		
JHU	Hanno	4.20 330	S	Pn	20 05 49.0	-0.2		
JRY	Ryogami san	4.50 328	S	Pn	20 05 05.0	-0.3		
JRY	Ashikaga	4.64 336	eS	Pn	20 05 57.1	+0.4		
IMJAR	Matsushiro Arr	5.25 326	Pn	Pn	20 05 05.8	-1.3		
IMJAR		1.3nm, 0.3s, baz=152, slow=11, SNR=14						
MJAR		0.6nm, 0.3s, baz=350, slow=13, SNR=3.3						
MJAR		comp=Z, 43nm, 21.5s, baz=320, slow=41						
JFT	Otama	5.43 347	P	Pn	20 05 15.9	-2.1		
JFT	Korea Array	12.56 298	LR	LR	20 10 15.1	+1.3		
SOM1	Songino Array	30.93 311	P	Pn	20 10 15.1	+1.3		
TLY	Talaya	33.91 316	LR	LR	20 25 50.4			
MKAR	Makanchi Array	47.10 306	P	Pn	20 12 28.1	-0.3		
WRA	Warramunga Arr	52.36 189	P	Pn	20 13 07.8	-0.6		
ILAR	Ilseim Array	53.42 30	P	Pn	20 13 17.3	+1.4		
ASAR	Alice Springs	56.08 189	P	Pn	20 13 35.2	-0.3		
AFI	Afiamalu	63.83 128	LR	LR	20 35 27.6			
FINES	FINES Array B	73.25 333	P	Pn	20 15 26.9	-0.2		

NEIC 16:20:13:32.3.0.6, 15.60S; 175.71W, h10km, mb4.9/3, Error ellipse: s-maj=29.9km s-min=13.7km az=146.0

IDC 16:20:13:32.5.5.0, 16.21S; 175.74W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.6/39, mbtbp4.1/3, Error ellipse: s-maj=1038.0km s-min=170.7km az=78.0

ISCJB 16:20:13:34.8.0.7, 15.6S; 0.2, 175.8W; 0.1, h33km, mb4.8/9, Error ellipse: s-maj=31.4km s-min=14.7km az=148.9

ISC 16:20:13:36.1.0.9, 15.75S; 0.3; 175.7W; 0.2, h35km, n13, 01818/13, mb5.0/9, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
URZ	Urewera	23.39 194	Op	ISC	20 18 42.5	+0.7		
STKA	Stephens Creek	41.98 240	P	Pn	20 21 23.7	-0.3		
WR1	Warramunga Arr	47.61 257	eP	P	20 22 09.7	+0.6		
WRA	Warramunga Arr	47.61 257	P	Pn	20 22 09.7	+0.6		
AS31	Alice Springs	47.91 252	eP	P	20 22 10.9	-0.5		
ASAR	Alice Springs	47.91 252	P	Pn	20 22 10.4	-0.9		
PV09	Paradox Valley	82.29 47	eP	P	20 25 55.6	+1.0		
BW06	Boulder Alley	83.95 43	eP	P	20 26 03.1	0.0		
PD31	Pinedale Array	83.95 43	eP	P	20 26 03.1	0.0		
PDAR	Pinedale Array	83.95 43	eP	P	20 26 00.2	-2.8		
HGTCO	Madrid Canyon	84.89 49	eP	P	20 26 09.2	+1.3		
PB10	IPOC Station P	97.18 117	eP	P	20 27 04.9	-0.8		
CLL	Chalmers	143.75 351	ePKPdf	PKPdf	20 23 08.0	+0.6		

KRSC 16:20:15:01.7.0.7, 58.87N; 162.34E, h35km, 3km, ML3.6, Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
OSSR	Ossora	0.40 16	Op	ISC	20 15 11.7	+0.8		
OSSR			eS	Pn	20 15 18.7	+1.3		
PLAN	Palana	1.51 280	eP	Pn	20 15 28.1	+2.0		
TILK	Tilichiki	2.31 45	eS	Pn	20 16 07.7	+3.5		
KMSK	Kamenskaya	3.97 23	P	Pn	20 16 05.3	+5.3		

IDC 16:20:17:02.1.3.0, 9.34S; 116.99E, h0km, mb3.2/3, mb1 3.4/5, mb1mx3.1/51, mbtbp3.2/5, ML3.2/2, MS3.6/2, Ms1 3.6/2, ms1mx3.0/14, Error ellipse: s-maj=236.9km s-min=21.4km az=50.0

ISCJB 16:20:17:05.3.0.5, 9.12S; 0.06; 117.52E; 0.04, h10km, mb3.2/3, MS3.3/2, Error ellipse: s-maj=9.2km s-min=5.2km az=177.0

DJA 16:20:17:07.0.0.3, 9.5S; 111.8E; 0.1, h10km, M4.2/13, mb4.8/1, mb4.3/2, MLV4.2/13, Mw(MB)4.0/1

ISC 16:20:17:05.4.0.9, 9.11S; 0.09; 117.48E; 0.06, h10km, n21, 02503/20, mb3.3/3, Sumbawa region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
PLAI	Plampang	0.41 47	Op	ISC	20 17 12.9	-0.5		
WBSI	Waikabubak, Su	1.96 106	P	Pn	20 17 39.2	+0.4		
DNP	Denpasar	2.28 281	P	Pn	20 17 43.7	+0.6		
IGBI	Denpasar	2.32 277	P	Pn	20 17 44.7	+1.0		
SRBI	Singaraja	2.46 294	P	Pn	20 17 47.1	+1.5		
JAGI	Jajag, Banyuwana	3.35 281	P	Pn	20 17 52.2	+1.4		
ABJI	Asem Bagus	3.46 292	P	Pn	20 18 02.4	+3.0		
KMMI	Kalianget	4.03 300	P	Pn	20 18 10.0	+2.8		
BLJI	Banyugulung	4.07 289	P	Pn	20 18 10.1	+3.3		
EDFI	Ende, Flores	4.18 85	P	Pn	20 18 12.9	+2.6		
MMRI	Mamuere	4.73 293	P	Pn	20 18 19.3	+2.5		
GRJI	Gresik	5.41 293	P	Pn	20 18 28.1	+1.9		
PCJI	Pacitan	6.29 278	P	Pn	20 18 40.4	+2.1		
SOEI	Soe	6.73 96	P	Pn	20 18 45.7	+1.2		
FITZ	Fitzroy Crossi	11.95 139	Pn	Pn	20 19 53.9	-2.0		
FITZ		0.1nm, 0.3s, baz=312, slow=14, SNR=3.3						
WRA	Warramunga Arr	19.53 125	P	Pn	20 21 34.3	+1.1		
ASAR	Alice Springs	21.36 131	P	Pn	20 21 54.1	+1.0		
PMG	P. Moresby	29.29 93	LR	LR	20 37 19.5			
GUMO	Guam	35.33 51	LR	LR	20 40 02.0			
MKAR	Makanchi Array	63.88 334	P	Pn	20 27 36.2	-2.1		
KURBB	Kurchatov Arr	68.41 334	P	Pn	20 28 05.9	-1.4		

IDC 16:20:18:30.2.2.0, 36.77N; 141.40E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3.2/54, mbtbp3.2/5, ML2.4/1, Error ellipse: s-maj=44.0km s-min=28.8km az=57.0

ISCJB 16:20:18:31.3.1.3, 36.99N; 0.05; 141.40E; 0.07, h20km, 7km, mb3.3/4, Error ellipse: s-maj=11.4km s-min=6.7km az=36.0

JMA 16:20:18:32.9.0.1, 37.00N; 141.26E, h33km, 1km, M3.2

ISC 16:20:18:30.9.2.0, 37.00N; 0.06; 141.41E; 0.08, h10km, 10km,

n21, r1520/23, mb3.4/4, Near east of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
ONAJ	Iwakimizuishiy	0.50 282	Op	ISC	20 18 41.6	-0.2		
ONAJ			S	Sg	20 18 47.8	+0.4		
JFK	Kawauchi	0.56 311	S	Pg	20 18 42.6	+0.7		
JFK			S	Pg	20 18 49.8	+0.5		
JHO	Hitachi	0.77 240	P	Sb	20 18 45.9	-0.6		
JHO			S	Pg	20 18 54.8	-1.2		
JMM	Marumori	0.99 331	P	Pg	20 18 49.6	-0.5		
JFT	Ofuna	1.00 302	P	Pg	20 18 50.0	-1.1		
JSB	Shioya	1.19 269	P	Pb	20 18 52.2	-0.4		
JBY	Yuba	1.42 287	P	Sb	20 19 07.7	-1.4		
JFY	Yanaizu	1.42 287	P	Sb	20 18 56.4	-0.4		
JJO	Ouri	1.46 358	P	Sb	20 19 13.7	-1.9		
JJO			S	Pn	20 18 57.0	-0.3		
JOU	Okura	1.49 337	P	Pn	20 19 14.1	-2.3		
MJAR	Matsushiro Arr	2.61 261	Pn	Pn	20 18 50.0	+2.2		
MJAR		0.2nm, 0.3s, baz=86, slow=15, SNR=9.9						
MJAR		2.8nm, 0.3s, baz=70, slow=17, SNR=4.9						
MAT	Matsushiro	2.61 261	P	Pn	20 19 13.8	+0.6		
MAT			eS	Pn	20 19 44.9	0.0		
SOMN	Songino Array	27.80 304	P	Pn	20 24 20.8	+0.6		
H1N2	WAKE ISLAND Hy	28.14 121	T	T	20 53 55.1			
H1N1	WAKE ISLAND Hy	28.14 121	T	T	20 53 55.8			
H1N3	WAKE ISLAND Hy	28.15 121	T	T	20 53 55.9			
H1S1	WAKE ISLAND Hy	28.84 123	T	T	20 54 42.0			
H1S3	WAKE ISLAND Hy	28.85 123	T	T	20 54 49.7			
H1S2	WAKE ISLAND Hy	28.86 123	T	T	20 54 50.6			
MKAR	Makanchi Array	44.13 302	P	Pn	20 26 42.6	+3.1		
KURBB	Kurchatov Arr	46.02 308	P	Pn	20 26 55.9	+1.5		
WRA	Warramunga Arr	57.02 188	P	Pn	20 28 16.1	-0.9		

ISK 16:20:19:29.1.35.88N; 26.96E, h14km, MD3.0

CSEM 16:20:19:31.8.0.1, 35.93N; 26.94E, h5km, ML2.8, Error ellipse: s-maj=4.3km s-min=2.9km az=152.0

ATH 16:20:19:31.2.35.92N; 26.98E, h28km, 5km, ML2.8/4, Error ellipse: s-maj=6.9km s-min=1.1km az=120.0

ISCJB 16:20:19:32.8.0.6, 35.90N; 0.04; 26.97E; 0.04, h18km, 9km, Error ellipse: s-maj=7.8km s-min=4.2km az=144.0

THE 16:20:19:33.4.35.86N; 26.98E, h12km, 2km, ML2.8/4, Error ellipse: s-maj=2.2km s-min=0.7km az=145.0

DDA 16:20:19:41.4.36.30N; 27.58E, h7km, ML2.5

ISC 16:20:19:31.9.1.35.92N; 0.03; 27.00E; 0.02, h16km, 9km, n57, r1525/73, Crete

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h	s	ISC
KARP	Karpathos	0.40 160	Op	ISC	20 19 40.1	+0.1		
KARP			PG	Pg	20 19 46.4	0.0		
KARP			P	Pg	20 19 40.1	+0.1		
KARP			S	Sb	20 19 45.5	-0.2		
KARP			AML	AML	20 19 47.5			
KARP			AML	AML	20 19 48.0			
KARP			eP	Pg	20 19 40.1	+0.1		
KARP			S	Pb	20 19 46.2	-0.2		
KARP			S	Pb	20 19 40.2	+0.1		
KARP			S	Pb	20 19 46.5	0.0		
ARG	Arkhangelos	0.96 72	P	Pn	20 19 50.9	+0.7		
ARG			S	Sg	20 20 05.2	+0.5		
ARG			AML	AML	20 20 06.8			
ARG			AML	AML	20 20 06.8			
ARG			S	Pg	20 19 50.9	+0.7		
ARG			S	Pb	20 20 02.7	-0.5		
ARG			S	Pb	20 19 50.8	+0.6		
ARG			S	Pb	20 20 05.6	+1.5		
DATC	Datca-Mugla	0.99 32	PG	Pg	20 19 50.3	-0.5		
DATC		1.00 32	eP	Pg	20 19 50.3	-0.5		
ZKR	Zakros	1.02 219	S	Pn	20 19 51.8	+0.1		
ZKR			S	Pn	20 20 05.5	-0.2		
ZKR			AML	AML	20 20 07.8			
ZKR			AML	AML	20 20 08.5			
ZKR			S	Pb	20 19 51.3	0.0		
ZKR			S	Pb	20 20 04.9	+0.4		
ZKR			S	Pb	20 19 51.3	0.0		
ZKR			P	Pn	20 19 53.9	+0.1		
BODT	Bodrum	1.17 12	PN	Pn	20 19 53.9	+0.1		
BODT		1.17 12	eP	Pn	20 19 53.9	+0.1		
BDRM	Kayabasi	1.20 17	P	Pg	20 19 56.0	+0.9		
BDRM			S	Pn	20 19 56.0	+0.9		
BDRM			S	Pn	20 19 56.0	+0.9		
NPS	Neapolis	1.30 240	P	Pn	20 19 54.5	-1.0		
NPS			S	Pb	20 20 12.2	-0.5		
NPS			AML	AML	20 20 16.3			
NPS			AML	AML	20 20 17.0			

16d 22h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TONANKAI O.B.S., TONANKAI O.B.S., TOKAI 4, etc.

ISCJB 16 21:02:19.0-0.5, 6.85N-0.03-73.11W-0.05, h162km, 4km, mb3.6/4, Error ellipse: s-maj=7.7km s-min=4.7km az=12.5

RSNC 16 21:02:20.8-1.1, 6.82N-73.13W, h152km, 6km, ML3.6

IDC 16 21:02:21.7-3.5, 6.73N-73.33W, h175km, 23km, mb3.4/4, mb1 3.7/5, mb1mx3.2/4.0, mbtmp3.9/5, Error ellipse: s-maj=72.0km s-min=23.2km az=85.0

ISC 16 21:02:19.5-0.8, 6.83N-0.04-73.11W-0.05, h157km, 6km, n27, r0568/44, mb3.7/4, 2C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BARC Barichara, PAMC Pamplona, Col, BARRC Barranca, Sant, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RUSC La Rusia, PTBC PUERTO BERRIO, OCAC Ocano, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YOPC Yopal, ZARC Zaragoza, Cauc, NORC Norcasia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, ROSC El Rosal, HELC Santa Helena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUYC Guyana, RREF El Recreo, CODC Agustín Codaz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PRAC Prado, SJAC San Juan de Ar, PLMC San Jos del Yotoco, Valle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, ULM Lac du Bonnet, YKAR Pinedale Array, etc.

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

ISCJB 16 21:02:26.4-0.5, 43.89N-0.04-105.28W-0.05, h0km, mb3.9/3, MS3.6/1, Error ellipse: s-maj=6.9km s-min=5.0km az=149.0

IDC 16 21:02:26.6-1.8, 43.56N-105.36W, h0km, mb3.7/3, mb1 3.7/7, mb1mx3.5/4.5, mbtmp3.5/7, ML3.3/4, MS3.4/2, Ms1 3.4/2, ms1mx2.5/3.9, Error ellipse: s-maj=47.5km s-min=9.3km az=151.0

NEIC 16 21:02:28.0-0.4, 43.78N-105.31W, h0km, MN3.1, Error ellipse: s-maj=7.1km s-min=5.3km az=153.0, Suspected Mining explosion.

NEIC 60 km [37 miles] SSE of Gillette. ISC 16 21:02:27.3-0.6, 43.82N-0.03-105.21W-0.03, h0km, n24, r154/37, mb3.7/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, RLMT Red Lodge, etc.

2012 JAN

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AGMN Agassiz Nation, IIOCA LAC DU BONNET, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, NEW Newport, FFC Filin Flon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NVAR Mima Array Bea, BBB Bella Bella, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CPUP Vila Florida, SONM Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHZP Chorzw, OJC Owcow, OJC Ojcow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, MORC LANS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MORC LANS, KRLC Kraliky, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Berou, MORC LANS, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHZP Chorzw, OKC Ostrava-Krasne, OKC Ojcow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Berou, MORC LANS, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, VYHS Vyhne, VYHS Vranov, etc.

NIED 16 21:16:00, 40.00N-142.50E, h32km, Mw3.3 Best double couple: Mo:1.00000, 1014 NP1:0.860000, 87.00000, lambda:114.000000, NP2:0.24200000, 884.000000, lambda:87.000000

JMA 16 21:26:06.0-1.39, 36N-142.53E, h33km, 1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JANG Nango, etc.

JMA 16 21:38:20.8-1.3, 43.7N-78.84W, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/2.6, mbtmp3.6/5, ML3.7/1, MS2.7/1, Ms1 2.7/1, ms1mx2.3/2.1, Error ellipse: s-maj=45.3km s-min=27.1km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JANG Nango, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TUMC Tumaco, POPC Popayan, SOTA Rioblanco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SOTA Rioblanco, SOTA SOTA, PCON Cinco Dias, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAPC Malpelo, MARP Paiz Belalcaza, GCUF Volcan Galeras, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RREF El Recreo, PRAC Prato, ATAH Athualpa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, PTGA Pitanga, LPZA La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, YKA Yellowknife Arr, TORD Torodi Arr, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ILAR Eielson Array, NVAR Mima Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TORD Torodi Arr, JMA Broadband plane solution, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HMMJ Hamamatsu 2, HMMJ Hamakita, JHMK Shizuoka 3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNY Yasuoki, JYN Shimob, JYJ JYJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JIZS Izushima, MAT Matsushiro, MAT Matsushiro, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TORD Torodi Arr, CSEM 16 22:30:27.9-0.2, 38.80N-40.06E, etc.

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

ISC 16 22:45:26.2-4.5, 0.97N, 126.36E, h369km, 56km, mb3.1/4, m1 3.2/5, mb1mx2.9/35, mbtmp3.8/5, Error ellipse: s-maj=60.7km s-min=14.3km az=75.0, Northern

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

ISCJB 16 22:48:25.6-0.4, 0.165S, 0.06E, 166.00E, 0.09, h155km, mb4.3/20, Error ellipse: s-maj=12.5km s-min=8.4km

ISC 16 22:48:26.8-1.0, 10.50S, 166.05E, h155km, 8km, mb3.8/10, m1 4.0/12, m1mx3.7/37, mbtmp4.3/12, MS3.3/2

NEIC 16 22:48:31.5-1.5, 10.69S, 165.96E, h200km, 15km, mb4.5/11, Error ellipse: s-maj=12.1km s-min=9.4km az=73.0

ISC 16 22:48:26.5-0.6, 10.69S, 0.08E, 166.19E, 0.10, h155km, n41, c1938/41, mb4.5/21, Santa Cruz Islands

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

CTA Charters Tower 21.35 242 pP 22 53 30.3 +1.1

H11S2 WAKE ISLAND HY 29.00 1 T 23 25 23.0

H11S3 WAKE ISLAND HY 29.00 1 T 23 25 23.4

H11S1 WAKE ISLAND HY 29.02 1 T 23 25 24.5

URZ Urewera 29.14 162 P 22 54 15.2 +2.2

URZ Urewera 29.14 162 eP 22 54 12.8 +2.1

BKZ Black Stump Fm 29.14 162 eP 22 54 21.1 +2.2

H11N1 WAKE ISLAND HY 30.22 1 T 23 26 57.7

H11N3 WAKE ISLAND HY 30.23 1 T 23 26 45.6

H11N2 WAKE ISLAND HY 30.24 1 T 23 26 55.9

SKA Stephens Creek 31.00 223 P 22 54 30.4 +1.0

BFZ Birch Farm 31.17 165 eP 22 54 31.0 +0.3

SNZO South Karori 31.41 168 eP 22 54 33.6 +0.7

WRA Warramunga Arr 32.02 249 P 22 54 38.2 -0.4

WRA Warramunga Arr 32.02 249 pP 22 55 10.2 -1.2

WRA Warramunga Arr 32.02 249 pP 22 55 10.2 -1.2

RPZ Rata Peaks 33.17 174 P 22 54 49.7 +1.4

RPZ Rata Peaks 33.17 174 eP 22 54 48.6 +0.4

ASAR Alice Springs 33.34 243 P 22 54 50.2 +0.1

ASAR Alice Springs 33.34 243 pP 22 55 21.7 -1.4

ASAR Alice Springs 33.34 243 pP 22 55 21.7 -1.4

ASAR Alice Springs 33.34 243 pP 22 55 21.7 -1.4

FITZ Fitzroy Crossi 39.90 255 P 22 55 45.0 +0.8

FITZ Fitzroy Crossi 39.90 255 pP 22 55 18.9 -0.5

FITZ Fitzroy Crossi 39.90 255 pP 22 55 18.9 -0.5

GSPA South Pole Qui 79.31 180 P 23 00 14.2 -0.5

B5MM Soledad Missio 82.46 51 eP 23 00 36.9 +5.0

WKR Work Ranch 82.98 52 eP 23 00 36.7 +2.1

IL1 Eielson Array 83.04 18 eP 23 00 33.8 -0.4

IL2 Eielson Array 83.04 18 P 23 00 34.0 -0.2

ILAR Eielson Array 83.04 18 P 23 00 33.8 -0.4

ILAR Eielson Array 83.04 18 P 23 00 33.8 -0.4

ILAR Eielson Array 83.04 18 P 23 00 33.8 -0.4

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ILAR Eielson Array 83.04 18 P 23 00 33.8 -0.4

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

UPP 16 23:06:40.3, 67.18N, 20.64E, h0km, ML1.1, Mining explosion.

CSEM 16 23:06:40.1-0.3, 67.16N, 20.68E, h2km, ML1.3, Error ellipse: s-maj=6.2km s-min=3.5km az=66.0, Mining explosion.

HEL 16 23:06:41.1, 0.1, 67.18N, 20.65E, h0km, ML1.3, ML1.1, (UPP), Explosion, Sweden

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

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

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ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

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ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

ERTU Ertsjærva 0.87 135 eP 23 07 08.3 -0.7

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

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.03W, 114.84W, h0km, n35, c1820/50, Alberta

ISC 16 23:21:26.8-0.7, 50.18N, 0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARTV, DAGI, Kars, DIGO, SENK, etc.

IDC 17 00:47:20.5:1.3,2:77S;128:17E,h0km,mb3.4/3, mb1 3.8/5,mb1mx3.6/36,mbtmp3.6/5,ML2.7,ML3.1/1, Ms1 3.1/1,ms1mx2.5/20,Error ellipse: s-maj=102.7km s-min=12.1km az=70.0

ISCJB 17 00:47:25.3:0.5,2:90S:0:04x:127:54E:0:04,h38km, mb3.5/3,Error ellipse: s-maj=6.5km s-min=4.8km az=139.8

DJA 17 00:47:25.6:0.4,3:S:3:12:7E,h35km,8km,ML4.2/7, mb5.3/1,mb4.6/1,MLv4.0/7,Mw(mb)4.7/1

ISC 17 00:47:26.3:0.8,2:98S:0:05:127:53E:0:05,h38km,n16, n103/21,mb3.5/3,Ceram Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NLAI, AAI, MSAI, SANI, etc.

ISCJB 17 00:58:43.0:1.1,34:07N:0:05:35:77E:0:07,h23km,7km, Error ellipse: s-maj=10.9km s-min=5.5km az=37.8

NSSC 17 00:58:43.6:0.6,34:08N:35:85E,h27km,3km,ML1.8 GRAL 17 00:58:44.0:0.2,34:06N:35:78E,h17km,2km,MD2.8

CSEM 17 00:58:44.0,34:06N:35:78E,h16km,ML2.8

ISC 17 00:58:41.5:1.4,34:10N:0:06:35:74E:0:09,h31km,8km, n15,0:956/27,Jordan-Syria region

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

IDC 17 01:06:37.8:0.6,36:20N:142:73E,h0km,mb3.6/3, mb1 3.6/5,mb1mx3.4/34,mbtmp3.6/5,ML3.4/2,Error ellipse: s-maj=9.1km s-min=7.4km az=156.0

ISCJB 17 01:06:39.7:1.0,36:30N:105:142:63E:0:07,h15km, mb3.5/3,Error ellipse: s-maj=3.7km s-min=6.8km az=26.9

JMA 17 01:06:41.0:1.2,36:28N:142:56E,h7km,ML3.2

ISC 17 01:06:40.3:1.5,36:28N:0:17:142:6E:1:15,h15km,n14, n133/18,mb3.7/3,Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ONAJ, BS01, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAG, JMG, JAK, etc.

SOME 17 01:12:40.8,42:82N:77:98E,h10km KRNET 17 01:12:41.8:0.1,42:97N:77:99E,h30km,mb2.4

ISC 17 01:12:41.0:1.2,42:86N:0:03:77:99E:0:02,h43km,10km, n30,0:89/60,12C-6D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SATY, ZHN, PRZ, KURS, etc.

KOTS 8.6nm,0.2s 0.47 56 eP Pg 01 12 55.1 +0.5

MDOK 8.6nm,0.1s 0.75 294 eP Pg 01 12 55.1 +0.4

MDOK 4.6nm,0.2s 0.75 294 eP Pg 01 12 55.1 +0.4

TNSS 3.8nm,0.2s 0.79 284 eP Pg 01 12 55.7 -0.4

TNSS 2.0nm,0.1s 0.79 284 eP Pg 01 12 55.7 -0.4

TNSS 0.9nm,0.1s 0.81 69 eP Pg 01 12 56.0 -0.2

UZB 7.4nm,0.3s 1.20 661 eP Pg 01 13 02.9 -1.1

CHKK 1.1nm,0.1s 1.24 324 eP Pg 01 13 04.3 -0.4

ARX 1.1nm,0.3s 1.36 355 eP Pg 01 13 06.7 -0.2

ARX 3.5nm,0.2s 1.43 245 U/P Pg 01 13 07.7 -0.2

ULHL 2.9nm,0.4s 1.50 278 eP Pg 01 13 08.8 0.0

KST 1.5nm,0.2s 1.50 278 eP Pg 01 13 08.8 0.0

BOOM 2.9nm,0.4s 1.55 257 U/P Pg 01 13 09.0 -0.6

DGS 1.67 284 eP Pg 01 13 11.5 +0.4

DGS 2.3nm,0.2s 1.67 284 eP Pg 01 13 11.6 +0.4

TKM2 2.5nm,0.3s 1.76 273 U/P Pg 01 13 12.4 -0.1

TKM2 1.6nm,0.2s 1.83 70 eP Pg 01 13 14.0 +0.6

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

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

IDC 17 01:41:08.9:3.3,30:07S:177:85W,h69km,36km,mb3.5/3, mb1 3.7/3,mb1mx3.5/19,mbtmp3.8/3,Error ellipse: s-maj=60.9km s-min=39.7km az=6.0

ISC 17 01:41:07.1:2.2,30:03S:10:177:9W:0:3,h50km,n6, n0:58/36,mb3.8/3,Kermadec Islands

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

NNC 17 02:06:50.6:5.8,36:99N:70:12E,h0km,mb3.7/mpv3.3, 7C-3D,Error ellipse: s-maj=46.0km s-min=39.6km az=151.0,Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFK, MNAS, KK31, etc.

CSEM 17 02:15:49.4:0.1,67:82N:20:28E,h1km,3km,ML2.0,Error ellipse: s-maj=8.1km s-min=2.5km az=167.0,Suspected Mining explosion.

UPP 17 02:15:49.7,67:86N:20:23E,h0km,ML2.0,Suspected Mining explosion.,Sweden

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

MEX 17 02:19:30.2:0.6,13:97N:92:88W,h15km,117km,MD4.0, Off coast of Chiapas

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

ISCJB 17 02:32:00.7:0.3,33:20S:0:03:179:48E:0:07,h200km, mb4.3/1,Error ellipse: s-maj=8.1km s-min=3.4km az=16.6

IDC 17 02:32:01.0:3.6,33:15S:179:91E,h207km,29km,mb4.0/6, mb1 4.1/8,mb1mx3.7/31,mbtmp4.6/8,Error ellipse: s-maj=31.4km s-min=16.1km az=54.0

NEIC 17 02:32:01.6:1.8,33:37S:179:87E,h216km,14km, mb4.5/13,Error ellipse: s-maj=17.7km s-min=11.2km az=48.0

WEL 17 02:32:03.5,33:19:18'W:99:9'h166km,45km

ISC 17 02:32:01.1:0.5,33:29S:0:05:179:65E:0:08,h200km, n156,0:252/165,mb4.4/14,South of Kermadec Islands

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

ISCJB 17 01:23:45.9:0.5,39:14N:0:04:29:11E:0:04,h8km,5km, Error ellipse: s-maj=4.7km s-min=4.7km az=147.9

CSEM 17 01:23:45.8:0.1,39:14N:29:11E,h6km,1km,MD2.6,Error ellipse: s-maj=2.6km s-min=2.1km az=146.0

DDA 17 01:23:45.8,39:12N:29:10E,h7km,ML2.3

ISC 17 01:23:45.1:1.0,39:14N:0:03:29:10E:0:03,h10km,8km, n24,0:837/34,Turkey

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Shannon Statio, Shannon Statio, Paritu Road, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Mount Meron Arr, NORSAR Subarray, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Monticello, Calabretti - M, Calabretti - M, etc.

SRS	Serrai	1.04 339	P	Pg	02 57 38.4	-0.8
SRS	Serrai	1.04 339	P	Sb	02 57 53.0	+0.5
NEO	Neokhori	1.07 219	P	Sb	02 57 39.7	+0.3
NEO	Neokhori	1.07 219	P	Pg	02 57 39.2	+0.5
NEO	Neokhori	1.07 219	P	Sb	02 57 53.9	+0.6
NEO	Neokhori	1.07 219	P	Pg	02 57 53.9	+0.6
SKIA	Skiathos	1.09 206	P	Sb	02 57 39.7	-0.3
SKIA	Skiathos	1.09 206	P	Pg	02 57 53.7	-0.5
SKIA	Skiathos	1.09 206	P	AML	02 57 56.9	
SKIA	comp=N,1998um,0.7s		AML	AML	02 57 59.4	
SKIA	comp=E,1777um,0.4s		AML	AML	02 57 59.4	
SKIA	Skiathos	1.09 206	P	Pg	02 57 39.7	-0.3
SKIA	Skiathos	1.09 206	P	Sb	02 57 53.7	-0.5
SKIA	Skiathos	1.09 206	P	Pg	02 57 53.9	+0.6
SKIA	Skiathos	1.09 206	P	Sb	02 57 54.0	-0.2
FYTO	Fytoko, Volos	1.15 231	P	Pg	02 57 40.4	-0.8
FYTO	Fytoko, Volos	1.15 231	P	Sb	02 57 56.6	+0.2
FYTO	Fytoko, Volos	1.15 231	P	Pg	02 57 40.4	-0.8
FYTO	Fytoko, Volos	1.15 231	P	Sb	02 57 56.6	+0.2
FYTO	Fytoko, Volos	1.15 231	P	Pg	02 57 56.9	+0.2
FYTO	Fytoko, Volos	1.15 231	P	Sb	02 57 39.6	-1.6
FYTO	Fytoko, Volos	1.15 231	P	Pg	02 57 56.3	+0.6
FYTO	Fytoko, Volos	1.15 231	P	Sb	02 57 59.1	
SMTH	Samothraki Isl	1.15 73	P	Pg	02 57 59.3	
SMTH	Samothraki Isl	1.15 73	P	Sb	02 57 59.3	
SMTH	Samothraki Isl	1.15 73	P	Pg	02 57 59.3	
SMTH	Samothraki Isl	1.15 73	P	Sb	02 57 59.3	
SMTH	Samothraki Isl	1.15 73	P	Pg	02 57 59.3	
SMTH	Samothraki Isl	1.15 73	P	Sb	02 57 59.3	
NVR	Neurokopi	1.22 352	P	Pg	02 57 57.0	+0.5
NVR	Neurokopi	1.22 352	P	Sb	02 57 41.1	-0.2
NVR	Neurokopi	1.22 352	P	Pg	02 57 41.8	+0.2
NVR	Neurokopi	1.22 352	P	Sb	02 57 58.3	+0.1
NVR	Neurokopi	1.22 352	P	Pg	02 57 41.3	-0.7
NVR	Neurokopi	1.22 352	P	Sb	02 57 58.3	+0.1
NVR	Neurokopi	1.22 352	P	Pg	02 57 41.2	-0.9
NVR	Neurokopi	1.22 352	P	Sb	02 57 58.7	+0.4
LIT	Litokhoron	1.23 268	P	Pg	02 58 01.0	
LIT	Litokhoron	1.23 268	P	Sb	02 57 41.3	-0.8
LIT	Litokhoron	1.23 268	P	Pg	02 57 58.3	+0.5
LIT	Litokhoron	1.23 268	P	Sb	02 57 41.3	-0.8
LIT	Litokhoron	1.23 268	P	Pg	02 57 58.3	+0.5
LIT	Litokhoron	1.23 268	P	Sb	02 57 41.3	-0.8
SKY	Skiros Island	1.31 164	P	Pg	02 57 43.0	-0.1
SKY	Skiros Island	1.31 164	P	Sb	02 57 41.1	-0.2
KNT	Kendrikon	1.36 319	PN	Pg	02 57 44.9	-0.3
KNT	Kendrikon	1.36 319	PN	Sb	02 58 03.3	+0.4
KNT	Kendrikon	1.36 319	P	Pg	02 57 44.2	-0.2
KNT	Kendrikon	1.36 319	P	Sb	02 57 44.2	-0.2
KNT	Kendrikon	1.36 319	P	Pg	02 57 44.9	-0.3
KNT	Kendrikon	1.36 319	P	Sb	02 58 02.1	+0.4
KNT	Kendrikon	1.36 319	P	Pg	02 57 43.6	-0.2
KNT	Kendrikon	1.36 319	P	Sb	02 58 02.1	+0.4
LRSO	Larissa Observ	1.39 251	P	Pg	02 57 44.1	0.0
LRSO	Larissa Observ	1.39 251	P	Sb	02 58 05.9	+0.3
GADA	Gvgkeada	1.39 88	PN	Pg	02 57 43.8	-0.3
GADA	Gvgkeada	1.39 88	PN	Sb	02 57 43.8	-0.3
SMIA	Simia	1.44 209	P	Pg	02 57 44.5	-0.3
SMIA	Simia	1.44 209	P	Sb	02 58 04.3	+0.4
SMIA	Simia	1.44 209	P	Pg	02 57 44.5	-0.3
SMIA	Simia	1.44 209	P	Sb	02 58 04.3	+0.4
MMB	Musomihopi	1.47 349	P	Pg	02 57 44.9	-0.4
RDO	Rodhopi	1.49 47	P	Pg	02 57 44.3	-1.2
RDO	Rodhopi	1.49 47	P	Sb	02 57 44.8	-0.7
RDO	Rodhopi	1.49 47	P	Pg	02 57 44.8	-0.7
RDO	Rodhopi	1.49 47	P	Sb	02 57 44.8	-0.7
GRG	Griva	1.52 303	P	Pg	02 57 46.7	-0.4
GRG	Griva	1.52 303	P	Sb	02 57 46.1	+0.1
GRG	Griva	1.52 303	P	Pg	02 58 05.9	+0.3
GRG	Griva	1.52 303	P	Sb	02 58 05.9	+0.3
GRG	Griva	1.52 303	P	Pg	02 57 46.1	+0.1
GRG	Griva	1.52 303	P	Sb	02 58 05.9	+0.3
KTI	Kastanea	1.53 280	P	Pg	02 57 46.1	-0.1
KTI	Kastanea	1.53 280	P	Sb	02 57 46.1	-0.1
BOZC	Bozcaada	1.54 101	PN	Pg	02 57 46.1	-0.1
BOZC	Bozcaada	1.54 101	PN	Sb	02 57 47.3	-0.1
BOZC	Bozcaada	1.54 101	PN	Pg	02 57 46.1	-0.1
BOZC	Bozcaada	1.54 101	PN	Sb	02 57 47.3	-0.1
RZAN	Rozenen	1.65 124	P	Pg	02 57 49.1	-0.2
VAY	Valandovo	1.65 316	P	Pg	02 57 49.1	-0.2
VAY	Valandovo	1.65 316	P	Sb	02 58 12.2	+0.2
SIGR	SIGRI	1.65 124	PN	Pg	02 57 48.5	+0.7
SIGR	SIGRI	1.65 124	PN	Sb	02 57 47.8	+0.1
SIGR	SIGRI	1.65 124	PN	Pg	02 57 47.8	+0.1
SIGR	SIGRI	1.65 124	PN	Sb	02 57 48.5	+0.7
ALN	Alexandroupoli	1.67 63	PN	Pg	02 57 48.3	+0.3
ALN	Alexandroupoli	1.67 63	PN	Sb	02 57 46.8	-1.2
ALN	Alexandroupoli	1.67 63	PN	Pg	02 57 47.3	-0.7
ALN	Alexandroupoli	1.67 63	PN	Sb	02 57 48.3	+0.3
ALN	Alexandroupoli	1.67 63	PN	Pg	02 58 09.1	-0.2
ALN	Alexandroupoli	1.67 63	PN	Sb	02 57 47.6	-0.6
ENEZ	Enez	1.68 69	PN	Pg	02 57 47.6	-0.6
ENEZ	Enez	1.68 69	PN	Sb	02 57 48.2	-0.1
THL	Klokotos Trika	1.70 251	P	Pg	02 57 48.2	-0.1
THL	Klokotos Trika	1.70 251	P	Sb	02 57 48.2	-0.1
THL	Klokotos Trika	1.70 251	P	Pg	02 57 48.2	-0.1
THL	Klokotos Trika	1.70 251	P	Sb	02 57 48.2	-0.1
LKR	Lokris	1.71 210	P	Pg	02 57 48.2	-0.4
LKR	Lokris	1.71 210	P	Sb	02 57 48.2	-0.4
ERE	Eretria	1.73 184	P	Pg	02 57 48.5	+0.3
ERE	Eretria	1.73 184	P	Sb	02 57 48.5	+0.3
EZN	Ezine	1.75 100	PN	Pg	02 57 49.1	0.0
EZN	Ezine	1.75 100	PN	Sb	02 57 49.1	0.0
AGG	Agios Georgios	1.76 231	P	Pg	02 57 49.4	0.0
AGG	Agios Georgios	1.76 231	P	Sb	02 57 49.3	0.0
AGG	Agios Georgios	1.76 231	P	Pg	02 58 12.7	+1.1
AGG	Agios Georgios	1.76 231	P	Sb	02 57 48.5	+0.4
AGG	Agios Georgios	1.76 231	P	Pg	02 58 12.7	+1.1
AGG	Agios Georgios	1.76 231	P	Sb	02 57 50.5	+0.9
KZN	Kozani	1.78 276	P	Pg	02 57 49.3	-0.3
KZN	Kozani	1.78 276	P	Sb	02 57 49.3	-0.3
KZN	Kozani	1.78 276	P	Pg	02 57 49.3	-0.3
KZN	Kozani	1.78 276	P	Sb	02 57 49.3	-0.3
KDZ	Kozdzhali	1.81 33	P	Pg	02 57 49.1	-0.2
KDZ	Kozdzhali	1.81 33	P	Sb	02 57 50.2	-0.2
ERIK	Erikli-Kesan	1.83 81	PN	Pg	02 57 50.6	+0.2
ERIK	Erikli-Kesan	1.83 81	PN	Sb	02 57 51.2	+0.3
PRK	Paraskevi	1.91 117	P	Pg	02 57 52.3	+1.0
PRK	Paraskevi	1.91 117	P	Sb	02 57 52.3	+1.0
ERIK	Erikli-Kesan	1.93 73	PN	Pg	02 57 51.0	-0.5
ERIK	Erikli-Kesan	1.93 73	PN	Sb	02 57 51.0	-0.5
BAYC	CANAKKALE_Bayr	1.93 101	P	Pg	02 57 51.9	+0.2
BAYC	CANAKKALE_Bayr	1.93 101	P	Sb	02 58 15.6	-0.2
BAYC	CANAKKALE_Bayr	1.93 101	P	Pg	02 57 51.9	+0.2
BAYC	CANAKKALE_Bayr	1.93 101	P	Sb	02 58 15.6	-0.2
PLD	Plovdiv	2.01 13	P	Pg	02 57 53.9	+0.3
VIL2	Plates	2.03 198	P	Pg	02 57 53.4	+0.1
LPK	Lapseki	2.06 83	ePN	Pg	02 57 53.4	+0.1
LPK	Lapseki	2.06 83	ePN	Sb	02 57 53.4	+0.1
VILL	Villia	2.07 197	P	Pg	02 57 53.3	-0.2
KESN	Kedrine-Kesan	2.09 70	P	Pg	02 57 54.1	0.0
KESN	Kedrine-Kesan	2.09 70	P	Sb	02 57 54.1	0.0
KPRO	Kipourio	2.10 266	P	Pg	02 57 55.2	+1.2
KPRO	Kipourio	2.10 266	P	Sb	02 57 54.3	+0.3
KPRO	Kipourio	2.10 266	P	Pg	02 57 54.3	+0.3
KPRO	Kipourio	2.10 266	P	Sb	02 57 53.7	-0.3
PTL	Pentelofos	2.10 185	P	Pg	02 57 53.7	-0.3
PTL	Pentelofos	2.10 185	P	Sb	02 57 53.7	-0.3
DSF	Desfina	2.11 215	P	Pg	02 57 53.5	-0.6
DSF	Desfina	2.11 215	P	Sb	02 57 54.0	-0.3
KARY	Karystos	2.13 173	P	Pg	02 57 54.0	-0.3
KARY	Karystos	2.13 173	P	Sb	02 57 54.0	-0.3
EVRY	Evrýtria	2.15 236	P	Pg	02 57 55.3	+0.6
EVRY	Evrýtria	2.15 236	P	Sb	02 57 55.3	+0.6
FNA	Florina	2.16 288	P	Pg	02 57 56.5	+1.6
FNA	Florina	2.16 288	P	Sb	02 57 56.5	+1.6
ATHU	Athens Unvers	2.19 186	P	Pg	02 57 54.5	-0.6
ATHU	Athens Unvers	2.19 186	P	Sb	02 57 54.5	-0.6
PENT	Pentalofos	2.26 172	P	Pg	02 57 57.1	+0.9
PENT	Pentalofos	2.26 172	P	Sb	02 57 57.1	+0.9
BIA	Bitola	2.28 293	P	Pg	02 57 58.0	+1.6
BIA	Bitola	2.28 293	P	Sb	02 58 25.9	+1.5
LTK	Loutraki	2.29 203	P	Pg	02 57 57.0	+0.4
LTK	Loutraki	2.29 203	P	Sb	02 57 57.0	+0.4
VLY	Voula, Athens	2.30 186	P	Pg	02 57 56.2	-0.5
VLY	Voula, Athens	2.30 186	P	Sb	02 57 56.2	-0.5
KALE	Kalitheia	2.31 221	P	Pg	02 57 56.9	0.0
KALE	Kalitheia	2.31 221	P	Sb	02 57 56.9	0.0
NEST	Nestorio	2.34 278	P	Pg	02 57 58.7	+1.4
NEST	Nestorio	2.34 278	P	Sb	02 57 58.7	+1.4

EFP	Efpalio	2.41 225	P	Pn	02 57 58.6	+0.4
EFP	Efpalio	2.41 225	P	Pn	02 57 58.6	+0.4
RKY	Sarkoy-Tekirda	2.42 76	ePN	Pn	02 57 58.9	+0.5
RKY	Sarkoy-Tekirda	2.42 76	ePN	Pn	02 57 58.9	+0.5
KRBC	Karabiga-Canak	2.47 63	ePN	Pn	02 58 00.2	+1.2
KRBC	Karabiga-Canak	2.47 63	ePN	Pn	02 58 00.2	+1.2
KRUS	Krusevo	2.48 30	PN	Pn	02 58 01.0	+0.9
KRUS	Krusevo	2.48 30	PN	Pn	02 58 01.0	+0.9
DL	Dalman	2.52 247	P	Pn	02 58 00.9	+1.2
DL	Dalman	2.52 247	P	Pn	02 58 00.9	+1.2
VTS	Vitosha	2.53 345	P	Pn	02 58 01.1	+1.1
VTS	Vitosha	2.53 345	P	Pn	02 58 01.1	+1.1
VTS	Vitosha	2.53 345	P	Pn	02 58 01.1	+1.1
VTS	Vitosha	2.53 345	P	Pn	02 58 01.1	+1.1
VTS	Vitosha	2.53 345	P	Pn	02 58 01.1	+1.1
JAN	Janina	2.54 260	P	Pn	02 58 01.0	+1.0
JAN	Janina	2.54 260	P	Pn	02 58 01.0	+1.0
GUR	Goura	2.59 212	P	Pn	02 58 00.6	-0.2
GUR	Goura	2.59 212	P	Pn	02 58 00.6	-0.2
EDR	Edirne	2.63 49	ePN	Pn	02 58 00.8	-0.2
EDR	Edirne	2.63 49	ePN	Pn	02 58 00.8	-0.2
URLA	Izmir	2.64 132	ePN	Pn	02 58 02.0	+0.6
URLA	Izmir	2.64 132	ePN	Pn	02 58 02.0	+0.6
O						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UCH, ULHL, BOOM, KBK, AAK, AML, CHMS, EKS2, KST, ARSB, DGS, USP, MTBS, MRKS, MRKS, SFK, TNS5, MNAS, MNAS, MNAS, KTBS, CHKK, CHKK, KK31, and IKC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAKZ, JHJ, JHJ, JHCJ, JHCJ, JHJ2, JHJ2, JKO, JKO, TK03, TK03, TK02, TK02, TK01, TK01, JIZS, JIZS, TT04, TT04, TT04, TT04, TT03, TT03, TT02, TT02, MJAR, MJAR, MJAR, MAT, MAT, JNU, KRSR, GUMO, H1N2, H1N1, H1N3, H1N3, SONM, H1S3, H1S1, H1S2, MKAR, HNR, WRA, and ISJC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, WEL, MOZ, MOZ, MOZ, CRLZ, EYCC, EYCC, OXZ, LTZ, WVV, TBZ, LBZ, OSZ, BSWZ, ODZ, TUWZ, TCW, PLWZ, YKUU, YKUU, PNL, PNL, BCPM, PCA, PCA, SAMH, SAMH, RKAV, YUK7, YUK7, YUK7, MESA, MESA, PLBC, PLBC, PLBC, HNT, KULT, ISLE, GRIN, KHIT, WHY, WHY, WHY, BESE, DAWY, DAWY, and DAWY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, AFI, RPZ, CTA, STKA, ASAR, WRA, FITZ, and IKC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ, GLKZ, MXZ, MXZ, WMGZ, WMGZ, PKGZ, PKGZ, PUKZ, PUKZ, RUGZ, RUGZ, TWGZ, CNGZ, KWZ, TKGZ, URZ, URZ, URZ, RAGZ, RAGZ, RIGZ, RIGZ, RPZ, RPZ, RPZ, ASAR, WRA, TORZ, and CSEM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, WEL, MOZ, MOZ, MOZ, CRLZ, EYCC, EYCC, OXZ, LTZ, WVV, TBZ, LBZ, OSZ, BSWZ, ODZ, TUWZ, TCW, PLWZ, YKUU, YKUU, PNL, PNL, BCPM, PCA, PCA, SAMH, SAMH, RKAV, YUK7, YUK7, YUK7, MESA, MESA, PLBC, PLBC, PLBC, HNT, KULT, ISLE, GRIN, KHIT, WHY, WHY, WHY, BESE, DAWY, DAWY, and DAWY.

IDC 17 07:14:32.70.8.50:09N:78:80E, h0km, mb1 2.8/3, mb1mx2.7/51, mbtmp2.8/3, ML2.5/3, Error ellipse: s-maj=12.0km s-min=5.6km az=57.0

ISC 17 07:14:27.4.0.9.50:20N:0.06:79.44E:0.07, h0km, m11, c1548/18, 8C-6D, Eastern Kazakhstan

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

IDC 17 07:36:04.6.0.7.24:10N:124:84E, h0km, mb3.7/10, mb1 3.9/11, mb1mx3.7/59, mbtmp3.7/11, ML3.9/1, MS3.4/12, Ms1 3.4/12, ms1mx3.1/4.02, Error ellipse: s-maj=33.0km s-min=15.9km az=69.0

ISCJB 17 07:36:08.1.1.2.21:17N:0:07:125:19E:0.0, h430km, 7km, mb3.6/10, MS3.12, Error ellipse: s-maj=12.7km s-min=5.2km az=169.2

JMA 17 07:36:08.7.0.2.24:19N:125:11E, h11km, M3.8, ISC 17 07:36:06.8.1.6.24:19N:0:06:125:19E:0.04, h15km, 10km, n36, c093/38, mb3.6/10, MS3.3/12, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JOGGS Gusukube, JTJ Tarama, JMJ Miyako jima 2, etc.

IDC 17 07:40:27.9.0.9.45:29S:166:66E, h0km, mb4.4/5, mb1 4.5/7, mb1mx4.2/25, mbtmp4.4/7, ML4.2/2, MS3.9/7, Ms1 3.9/7, ms1mx3.5/22, Error ellipse: s-maj=34.1km s-min=21.4km az=178.0

ISCJB 17 07:40:28.8.0.4.45:44S:0:04:166:57E:0.0, h415km, mb4.4/7, MS3.8/7, Error ellipse: s-maj=5.4km s-min=3.7km az=4.7

WEL 17 07:40:29.9.46:5:10:16:7E, h5km, ML4.8/10, NEIC 17 07:40:29.4.0.0.45:54S:166:62E, h5km, mb4.3/4,

ML4.9(WEL), After WEL, ISC 17 07:40:30.0.5.45:54S:0:05:166:62E:0.04, h15km, n83, c1720/81, mb4.5/7, MS3.9/7, Off west coast of South Island

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

IDC 17 07:49:17.4.1.4.18:84S:177.72W, h589km, 2/8km, mb3.0/6, mb1 3.3/8, mb1mx3.0/31, mbtmp4.1/1, Error ellipse: s-maj=25.9km s-min=12.9km az=156.0, Fiji Islands region

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

Table with columns: WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

IDC 17 07:50:54.1.2.7.53:61N:86:85E, h0km, mb1 2.7/2, mb1mx2.6/41, mbtmp2.7/2, ML2.5/1, Error ellipse: s-maj=25.1km s-min=14.7km az=75.0, Southwestern Siberia

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

IDC 17 07:51:07.5.3.5.17:33S:174:58W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/30, mbtmp3.9/3, Error ellipse: s-maj=179.9km s-min=75.8km az=157.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like STKA Stephens Creek, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

NNC 17 08:01:13.3.0.5.42:66N:73:20E, h0km, mb2.9, mpv2.2, Error ellipse: s-maj=13.5km s-min=1.7km az=170.0, SOME 17 08:01:13.8.42:63N:73:22E, h10km, KRNET 17 08:01:13.7.0.1.42:66N:73:19E, h17km, mb2.4

ISC 17 08:01:14.0.0.9.42:66N:0:03:73:21E:0.02, h13km, 6km, n39, c099/68, 20C-24D, Kyrgyzstan

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

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

NIED 17 08:20:00.39;20N;142.40E, h23km, Mw3.6 Best double couple: M3,10000.1014 NP1.334,00000.822.00000...

ISCJBJ 17 08:20:49.8;1.1;39.13N;104.142.3E;0.1, h49km,gkm, mb3.6, Error ellipse: s-maj=16.3km s-min=5.9km az=14.3

JMA 17 08:20:49.2;0.1;39.15N;142.40E, h34km, mb3.1, Mw3.6 JMA Fellt J1

IDC 17 08:20:54.2;2.5;39.15N;142.19E, h75km,24km, mb3.1/6, mb1 3.2/8, mb1mx3.1/35, mbtmp3.4/8, Error ellipse: s-maj=26.8km s-min=10.1km az=10.0

ISC 17 08:20:49.6;2.0;39.16N;104.142.29E;0.09, h29km,13km, n24, r144/27, mb3.4/6, Near east coast of eastern Honshu

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

IDC 17 08:28:41.1;0.6;56.97S;25.97W, h0km, mb4.4/9, mb1 3.9/10, mb1mx3.2/24, mbtmp4.4/10, ML3.7/14, Ms1 3.7/14, ms1mx3.6/18, Error ellipse: s-maj=25.6km s-min=17.7km az=65.0

ISCJBJ 17 08:28:47.0;4.56;99S;0.06;26.0W;0.1, h61km, mb4.5/15, Error ellipse: s-maj=12.1km s-min=7.8km az=149.7

NEIC 17 08:28:49.9;1.2;57.06S;26.00W, h63km,10km, mb4.5/11, Error ellipse: s-maj=10.5km s-min=7.1km az=221.0

ISC 17 08:28:49.5;0.4;57.03S;0.09;25.96W;0.09, h61km, n89, r0578/17, mb4.5/15, 2C, 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 HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H10S3 ASCENSION HYDR48.76, H10S1 ASCENSION HYDR48.77, etc.

IDC 17 08:32:27.0;0.8;52.81N;172.17E, h0km, mb3.7/11, mb1 3.9/12, mb1mx3.7/50, mbtmp3.7/12, ML2.8/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/29, Error ellipse: s-maj=28.6km s-min=15.8km az=166.0

ISCJBJ 17 08:32:28.5;0.7;52.93N;0.2;172.03E;0.10, h22km, mb3.8/10, MS3.4/1, Error ellipse: s-maj=23.2km s-min=15.8km az=166.0

ISC 17 08:32:30.5;0.9;52.92N;0.172.16E;0.08, h22km, n18, r084/13, mb3.7/10, Near Islands

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

3C-5D, Error ellipse: s-maj=54.8km s-min=24.3km az=177.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZET Dzerhino, SFK Sufi-Kurgan, etc.

ISK 17 08:51:58.0;37.21N;28.54E, h5km, MD2.8, ISCJBJ 17 08:51:59.2;0.5;37.29N;0.03;28.43E;0.03, h0km, Error ellipse: s-maj=4.9km s-min=3.6km az=162.9

CSEM 17 08:51:59.4;0.2;37.30N;28.44E, h1km, MD2.8, Error ellipse: s-maj=4.9km s-min=4.1km az=153.0, Suspected Mining explosion.

DDA 17 08:51:59.2;37.27N;28.43E, h7km, ML2.9, Suspected Mining explosion.

ISC 17 08:51:58.3;0.8;37.32N;0.03;28.47E;0.03, h0km, n26, r0554/42, Turkey

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

ISCJBJ 17 09:05:08.0;0.9;0.86N;0.06;92E;0.07, h25km, mb3.7/7, Error ellipse: s-maj=12.3km s-min=10.3km az=179.0

IDC 17 09:05:07.2;2.3;0.84N;97.20E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.6/40, mbtmp3.8/7, Error ellipse: s-maj=81.0km s-min=20.0km az=59.0

DJA 17 09:05:11.8;0.7;1.1N;6.97E, h10km, M3.8/7, mb4.3/1, MLV3.5/7

ISC 17 09:05:10.3;1.1;0.92N;0.10;96.98E;0.10, h25km, n20, r149/15, mb3.8/7, Off west coast of northern Sumatra

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

HOBS2 Diego Garcia H 25.85 250 T 09 37 33.4

HOBS3 Diego Garcia H 25.87 250 T 09 37 34.2

HOBS1 Diego Garcia H 25.88 250 T 09 37 33.0

H01W2 Cape Leeuwin H 39.07 157 T 09 53 52.7

H01W1 Cape Leeuwin H 39.09 157 T 09 53 53.9

WRA Warramunga Arr 42.07 122 P 09 12 59.2 -1.4

ALICE Alice Springs 43.40 127 P 09 13 10.2 -1.1

SOMN Songino Array 47.44 9 P 09 13 44.4 +1.4

MKAR Kurbatov Arr 51.94 345 P 09 13 45.2 +2.2

KURBB Kurchatov Arr 51.94 345 P 09 14 17.8 +0.7

ZALV Zalesovo Beam 53.80 351 P 09 14 32.4 +1.7

KLR Kul'dur 56.60 27 P 09 14 51.8 +0.8

IDC 17 09:14:19.4;2.6;53.64N;88.08E, h0km, mb1 3.3/3, mb1mx3.0/48, mbtmp3.3/3, ML3.1/3, Error ellipse: s-maj=23.8km s-min=15.2km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I469U ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MANT, DEMI, EDNC, etc.

ISCJB 17 09:38:09.4.0.2, 12.20N, 141.17E, 0.04, h34km, mb4.8/102, MS3.8/17, Error ellipse: s-maj=5.8km...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GUMO, MSAI, TGAY, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JUNU, APSI, INU, MYLDM, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LZH, DZM, ZEA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like AAK USP, AML Almayashy, ARU Arti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, PDAR Pineapple Arr, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like N02D Trinity Center, M02C Callata, WDC Whiskeytown Da, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LBM1 Labuha, SANI Sanana, etc.

KLM 17 10:00:20.0, 6.76N, 126.33E, h90km, mb5.1
ISCJB 17 10:00:19.9, 0.3, 6.54N, 0.02, 126.08E, 0.03, h91km, 2km, mb4.8/124, Error ellipse: s-maj=4.3km s-min=2.5km az=169.7

MOS 17 10:00:20.2, 1.4, 6.50N, 125.90E, h98km, mb4.8/44, Error ellipse: s-maj=12.3km s-min=6.2km az=106.2
IDC 17 10:00:20.5, 0.5, 6.45N, 125.84E, h86km, 4km, mb4.3/28, mb1.4/28, mb1mx4.3/44, mbtmp4.6/28, MS3.5/21, Ms1.3/521, ms1mx3.4/55, Error ellipse: s-maj=16.8km s-min=7.3km az=80.0

MAN 17 10:00:20.6, 5.52N, 125.88E, h90km, mb5.7, ML4.7, MS5.1
DJA 17 10:00:20.4, 0.5, 7.7N, 112.16E, h100km, 4km, Mb5.2/32, mb5.2/32, mb5.6/24, MLV5.8, MW(m)5.0/24
GCMT 17 10:00:22.0, 0.3, 6.53N, 126.14E, h83km, 3km, MW4.9/69, Moment Tensor Solution, s35, c39; s69, 0.107; Duration: 0 Moment tensor: Scale 1016Nm; Mr, 0.21, 12; Mw, 0.41, 11; Mbb, -2.41, 11; Mbb, -1.21, 06; Mbb, -1.00, 10; Mbb, 0.38, 09; Best double couple: Mo2.75900x1016 Np1.225.00000, s53.00000, a131.00000. NP2: s350.00000, s53.00000, a149.00000. Principal axes: T 2.7880, P1g58.0000, Azm198.0000; N -0.0530, P1g32.0000, Azm16.0000; P -2.7290, P1g0.0000; Azm282.0000. nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s.

NEIC 17 10:00:22.0, 0.6, 6.52N, 125.97E, h99km, 6km, mb5.0/68
Error ellipse: s-maj=6.0km s-min=4.2km az=75.0
NEIC Felt (III PIVS) at Talagutong and Tarragona; (II PIVS) at Cateel, Digos, Manay, Matanao and Padada; (I PIVS) at General Santos. Felt (III) at Davao. Also felt at Mati.

ISC 17 10:00:21.0, 0.4, 6.49N, 0.03, 125.98E, 0.04, h88km, 3km, h89km; p-P, n399, s179/446, mb4.8/126, 15.5-22D.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MINDANAO, MATI, DAV, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KMMI Kalinget, SRBI Singaraja, BLJI Banyuwangi, etc.

BBOO	Bucklebo	45.23 239	eP	P	10 17 42.2 +0.1
WB2	Warramunga Arr	45.90 257	eP	P	10 17 47.0 -0.4
WRAB	Tennant Creek	45.90 257	iP	Pmax	10 17 47.0 -0.4
WRAB	Tennant Creek	45.90 257	eP	P	10 17 47.1 -0.4
WR1	Warramunga Arr	45.91 257	eP	P	10 17 47.1 -0.4
WR1	Warramunga Arr	45.91 257	eS	S	10 23 56.2 -6.3
WRA	Warramunga Arr	45.91 257	eS	S	10 17 47.1 -0.4
WRA	Warramunga Arr	45.91 257	eS	S	10 22 33.5 +0.6
AS01	Alice Springs	46.20 252	eP	P	10 23 56.2 -6.3
AS31	Alice Springs	46.24 252	eP	P	10 17 50.4 +0.3
ASAR	Alice Springs	46.24 252	eP	P	10 17 50.4 +0.3
ASAR	Alice Springs	46.24 252	eP	P	10 17 50.4 +0.3
ASAR	Alice Springs	46.24 252	eP	P	10 17 50.4 +0.3
MTN	Mount Dam	46.27 266	eP	P	10 18 17.0 +0.3
FORT	Forrest	51.73 243	eP	P	10 18 30.9 -0.2
FITZ	Fitzroy Crossi	54.26 259	eP	P	10 18 50.5 +1.0
NWAO	Narogin (SRO)	61.00 241	eP	P	10 19 35.8 +0.1
VNDA	Vanda	62.66 185	eP	P	10 19 47.5 +1.7
VNDA	Vanda	62.66 185	eP	P	10 19 47.6 +1.7
VNDA	Vanda	62.66 185	eP	P	10 19 47.5 +1.7
VNDA	Vanda	62.66 185	eP	P	10 19 47.5 +1.7
JHJ	Hachijo jima 2	63.44 320	eP	P	10 19 51.5 0.0
MJAR	Matsushiro Arr	66.71 322	eP	P	10 20 11.5 -0.8
MAJO	Matsushiro	66.72 322	eP	P	10 20 11.9 -0.5
MAJO	Matsushiro	66.72 322	eP	P	10 20 11.9 -0.5
ASAJ	Asahikawa	69.81 331	eP	P	10 20 32.6 +1.5
PETK	Petropalovsk-	71.83 345	eP	P	10 20 42.3 -0.7
PEA1	Petropalovsk-	71.83 345	eP	P	10 20 42.3 -0.7
YSS	Yuzh-Sakhalin	71.89 333j	eP	Pmax	10 20 43.7 +0.3
KSR5	Korea Array	73.68 317	eP	P	10 20 54.0 -0.1
KS15	Wonju Array Si	73.70 317	eP	P	10 20 54.6 +0.4
SCZ2	Santa Cruz Isl	74.01 47	eP	P	10 20 56.4 +0.3
QSPA	South Pole Qui	74.30 180	eP	P	10 20 59.0 +1.6
SMMC	Simmler	74.46 41	eP	P	10 20 59.1 +0.4
KMRM	Mail Ridge	74.46 40	eP	P	10 21 01.5 +1.0
FMP	Fort Macarthur	74.82 48	eP	P	10 21 01.1 +0.5
OSI	Osito Audit: C	74.98 47	eP	P	10 21 01.8 +0.2
ARVC	Arvin	75.17 46	eP	P	10 21 02.7 0.0
MWC	Mount Wilson	75.25 48	eP	Pmax	10 21 03.6 +0.3
MWC	Mount Wilson	75.25 48	eP	P	10 21 03.6 +0.3
109C	Camp Elliot, M	75.26 49	eP	P	10 21 03.5 +0.3
VES	Vestall, Richgr	75.37 46	eP	P	10 21 03.7 0.0
RCTC	Rector, Farmer	75.51 45	eP	P	10 21 04.5 -0.1
BFSC	Mount Baldy Ra	75.54 48	eP	P	10 21 04.9 -0.1
MURC	Murrieta	75.55 48	eP	P	10 21 04.8 0.0
EDW2	Edwards Air Fo	75.63 47	eP	P	10 21 05.4 0.0
CMB	Columbia Colle	75.68 43	eP	Pmax	10 21 05.5 0.0
CMB	Columbia Colle	75.68 43	eP	P	10 21 05.5 0.0
ISA	Isabella, Lake	75.70 46	eP	P	10 21 05.9 +0.2
ISA	Isabella, Lake	75.70 46	eP	P	10 21 06.4 +0.7
WDC	Whiskeytown Da	75.74 40	eP	Pmax	10 21 06.1 +0.4
WDC	Whiskeytown Da	75.74 40	eP	P	10 21 06.1 +0.4
WDC	Whiskeytown Da	75.74 40	eP	P	10 21 06.1 +0.4
MONP2	Monument Peak	75.76 49	eP	P	10 21 06.7 +0.4
AFDM	Forest Hills D	75.80 42	eP	P	10 21 06.0 -0.2
ORV	Oroville	75.81 41	eP	Pmax	10 21 06.2 +0.1
ORV	Oroville	75.81 41	eP	P	10 21 06.2 +0.1
N02D	Trinity Center	75.87 40	eP	P	10 21 07.1 +0.6
IKP	In-Ko-Pah, Jac	75.87 50	eP	P	10 21 06.9 +0.2
M02C	Callahan	76.02 39	eP	P	10 21 07.9 +0.5
KEBM	Edson Butte	76.02 37	eP	P	10 21 11.6 +4.3
L02D	Cave Junction,	76.02 38	eP	P	10 21 07.9 +0.6
O03D	Paynes Creek	76.04 41	eP	P	10 21 07.8 +0.3
PFO	Pinyon Flats O	76.09 49	eP	P	10 21 08.0 0.0
PFO	Pinyon Flats O	76.09 49	eP	P	10 21 09.6 +1.6
KDAK	Kodiak Island	76.16 13	iP	P	10 21 06.9 -0.4
LRMC	Laurel Mtn Rad	76.17 46	eP	P	10 21 08.5 +0.2
SWSC	Sam W. Stewart	76.24 50	eP	P	10 21 08.8 +0.1
YBH	Yreka Blue Hor	76.31 39	eP	Pmax	10 21 09.7 +0.7
YBH	Yreka Blue Hor	76.31 39	eP	P	10 21 09.7 +0.7
MDPB	Devils Postpil	76.33 44	eP	P	10 21 09.7 +0.3
CWC	Cottonwood Cre	76.38 46	eP	P	10 21 09.8 +0.2
MLAC	Mammoth, Mammo	76.49 44	eP	P	10 21 10.6 +0.3
MPMC	Manual Prospec	76.59 46	eP	P	10 21 11.1 +0.3
TIN	Tinemaha, Big	76.60 45	eP	P	10 21 11.1 +0.3
BELC	Belle Mtn. Jos	76.61 49	eP	P	10 21 11.0 +0.1
DAC	Darwin (Calif)	76.63 46	eP	Pmax	10 21 11.0 -0.1
DAC	Darwin (Calif)	76.63 46	eP	P	10 21 10.9 -0.1
BEKR	Beckworth	76.71 42	eP	P	10 21 11.4 0.0
HEC	Hector,Ludlow	76.78 48	eP	P	10 21 12.1 +0.3
BC3	Big Chukawall	76.84 49	eP	P	10 21 12.6 +0.5
M04C	Macdoel	76.87 39	eP	P	10 21 12.7 +0.5
MDJ	Mudanjiang	76.93 324	eP	P	10 21 12.5 +0.3
MDJ	Mudanjiang	76.93 324	eP	P	10 22 38.0 +0.6
MDJ	Mudanjiang	76.93 324	eP	P	10 23 19.8 +0.3

MDJ	MDJ	76.95 43	eP	S	10 30 30.8 +3.1
YERR	Yerington	76.95 43	eP	ScS	10 30 50.4 -2.0
GLA	Glamis	77.01 50	eP	P	10 21 13.9 +0.9
GRAC	Grapevine Rang	77.16 45	eP	P	10 21 14.1 +0.4
RYN	Ryan	77.23 43	eP	P	10 21 15.5 +1.2
FURC	Furnace Creek,	77.23 46	eP	P	10 21 14.5 +0.4
GMRC	Granite Mounta	77.24 48	eP	P	10 21 14.6 +0.2
PAHR	Pah Ranch	77.25 42	eP	P	10 21 14.4 +0.1
NJ2	Nanjing	77.25 309	eP	P	10 21 14.3 0.0
NV01	Minna Array Sit	77.27 44	eP	P	10 21 14.6 0.0
NVAR	Minna Array Bea	77.27 44	eP	P	10 21 14.8 +0.2
IRM	Iron Mountain	77.31 49	eP	P	10 21 15.0 +0.4
SHOC	Shoshone, Teco	77.36 47	eP	P	10 21 15.0 +0.1
NV11	Minna Array Sit	77.37 44	eP	P	10 21 15.2 +0.1
TU3	Turquoise Moun	77.37 47	eP	P	10 21 15.3 +0.2
J04D	Umpqua Nationa	77.55 38	eP	P	10 21 16.1 +0.2
Y12C	Blythe	77.56 49	eP	P	10 21 16.2 +0.3
Y12C	Blythe	77.56 49	eP	P	10 21 15.9 -0.1
I04A	Tendick Farm,	77.70 37	eP	P	10 21 16.6 0.0
KVN	Kaiserville	77.73 43	eP	Pmax	10 21 17.1 +0.1
KVN	Kaiserville	77.73 43	eP	P	10 21 17.1 +0.1
LDFC	Landfair	77.78 48	eP	P	10 21 17.8 +0.5
MOD	Modoc Plateau	77.88 40	eP	P	10 21 17.8 +0.1
TPNV	Topopah Spring	77.90 46	eP	P	10 21 18.3 +0.2
TPNV	Topopah Spring	77.90 46	eP	Pmax	10 21 18.2 +0.2
TPNV	Topopah Spring	77.90 46	eP	P	10 21 18.2 +0.2
NEE2	Needles Airpor	77.98 49	eP	P	10 21 18.5 +0.3
K05A	Summer Lake	77.98 39	eP	P	10 21 18.8 +0.5
214A	Orgo Pipe Nat	78.00 52	eP	P	10 21 19.3 +0.8
G03D	McMinnville, O	78.05 36	eP	P	10 21 19.0 +0.6
J05D	Fort Rock, OR	78.10 38	eP	P	10 21 19.4 +0.5
PDMCI	Parker Dam,Lak	78.11 49	eP	P	10 21 19.2 +0.3
SHPR	Sheep Range	78.44 47	eP	P	10 21 21.2 +0.3
I05D	Terrebonne, OR	78.64 37	eP	P	10 21 22.3 +0.6
W13A	Hualapai Moun	78.67 49	eP	P	10 21 22.6 +0.4
KLR	Kul'dur	78.71 329j	iP	P	10 21 22.0 +0.2
F04D	Rainier, OR	78.72 35	eP	P	10 21 22.8 +0.8
Y14A	Wickenburg	78.77 50	eP	P	10 21 23.1 +0.5
BMN	Battle Mountai	79.04 42	eP	Pmax	10 21 24.3 +0.2
BMN	Battle Mountai	79.04 42	eP	P	10 21 24.2 +0.2
R11A	Troy Canyon, C	79.06 45	eP	P	10 21 24.5 +0.3
R11A	Troy Canyon, C	79.06 45	eP	P	10 21 24.0 -0.2
G05D	Wamic, OR	79.18 37	eP	P	10 21 24.9 +0.4
WVOR	Wild Horse Val	79.20 40	eP	Pmax	10 21 25.0 +0.2
WVOR	Wild Horse Val	79.20 40	eP	P	10 21 25.0 +0.2
MA2	Magadan	79.35 344j	eP	P	10 21 24.2 -0.8
Q1Z	Qiangzhong	79.38 293	eP	P	10 21 26.5 +0.4
Q1Z	Qiangzhong	79.38 293	eP	P	10 22 53.4 +0.1
GAMB	Gambell	79.39 3	eP	P	10 30 56.1 +1.5
TUC	Tucson	79.70 52	eP	P	10 21 25.1 0.0
TUC	Tucson	79.70 52	eP	P	10 21 28.7 +1.1
TUC	Tucson	79.70 52	eP	Pmax	10 21 28.5 +0.8
TUC	Tucson	79.70 52	eP	P	10 21 28.5 +0.8
J08A	Circle Bar Ran	79.81 39	eP	P	10 21 28.2 +0.2
D05A	Enunclaw	79.94 35	eP	P	10 21 29.0 +0.6
LCMT	Little Creek M	80.03 47	eP	P	10 21 29.8 +0.4
X16A	Lo Mia Camp, P	80.14 50	eP	P	10 21 30.9 +0.8
CCUT	Cedar City	80.20 47	eP	P	10 21 30.9 +0.5
PSUT	Pine Spring	80.33 45	eP	P	10 21 31.1 +0.1
F07A	Phiny Hill Vi	80.35 37	eP	P	10 21 30.6 -0.1
SZCU	Shurtz Canyon	80.42 47	eP	P	10 21 32.4 +0.9
U15A	North Rim	80.44 48	eP	P	10 21 32.4 +0.7
319A	Douglas	80.45 54	eP	P	10 21 32.8 +1.1
B05A	Bryant	80.52 34	eP	P	10 21 31.7 +0.2
G08A	Pilot Rock	80.58 38	eP	P	10 21 32.3 +0.2
WUAZ	Wupatki	80.68 49	eP	P	10 21 33.5 +0.6
WUAZ	Wupatki	80.68 49	eP	P	10 21 33.6 +0.7
SCM	Sheep Creek Mo	80.93 14	eP	Pmax	10 21 33.0 -0.4
SCM	Sheep Creek Mo	80.93 14	eP	P	10 21 33.0 -0.4
E08A	Dider Farm, El	81.19 37	eP	P	10 21 35.0 0.0
MTPU	Mount Pierson	81.26 47	eP	P	10 21 36.6 +0.5
BMO	Blue Mountains	81.32 39	eP	Pmax	10 21 35.6 -0.3
BMO	Blue Mountains	81.32 39	eP	P	10 21 35.6 -0.3
CAST	Castle Rocks	81.35 11	eP	P	10 21 33.6 -1.9
MFID	Cats Ranch	81.47 40	eP	P	10 21 37.0 +0.2
MSU	Marysville	81.48 46	eP	P	10 21 37.9 +0.8
KTH	Kathryn Hill	81.69 12	eP	P	10 21 35.5 -1.8
TRF	Thorfare Moun	81.72 12	eP	P	10 21 36.2 -1.4
E09A	Wood Farm, Sta	81.73 37	eP	P	10 21 37.8 0.0
DUG	Dugway, Tooele	81.84 44	eP	P	10 21 38.7 0.0
DUG	Dugway, Tooele	81.84 44	eP	Pmax	10 21 38.0 -0.8
DUG	Dugway, Tooele	81.84 44	eP	P	10 21 38.0 -0.8
SEY	Seymchan	81.88 347	eP	P	10 21 37.6 -0.6
RND	Reindeer	81.98 13	eP	Pmax	10 21 38.7 -0.1
RND	Reindeer	81.98 13	eP	P	10 21 38.7 -0.1

RND	Reindeer	81.98 13	eP	P	10 21 38.7 -0.1
DHY	Denali Highway	82.01 13	eP	P	10 21 38.2 -0.9
LLBL	Lillooet	82.03 32	eP	P	10 21 39.0 -0.3
BGU	Big Grassy Mou	82.04 44	eP	P	10 21 39.6 -0.2
B08A	Colville Reser	82.08 35	eP	P	10 21 38.8 -0.9
121A	Cookes Peak, D	82.09 53	eP	P	10 21 41.4 +1.1
BPAW	Paw Mtn.	82.17 11	eP	P	10 21 38.5 -1.3
NLU	North Lily Min	82.22 45	eP	P	10 21 40.7 -0.2
MCK	McKinley	82.25 12	eP	Pmax	10 21 39.1 -1.1
MCK	McKinley	82.25 12	eP	P	10 21 39.0 -1.1
Q16A	Castle Valley	82.37 46	eP	P	10 21 42.7 +1.1
HLID	Hailey	82.44 41	eP	P	10 21 42.2 +0.4
HLID	Hailey	82.44 41	eP	P	10 21 42.2 +0.4
TMUT	Trail Mountain	82.45 46	eP	P	10 21 43.3 +0.8
SPUT	South Promonto	82.61 44	eP	P	10 21 42.8 +0.1
HVU	Hansel Valley	82.62 43	eP	Pmax	10 21 42.9 +0.2
HVU	Hansel Valley	82.62 43	eP	P	10 21 42.9 +0.2
ZAIG	Zacatecas	82.69 64	eP	P	10 21 44.6 +0.9
MENT	Mentasta	82.75 15	eP	P	10 21 42.3 -0.4
CTU	Camp Tracy	82.79 44	eP	P	10 21 43.9 +0.2
BJI	Beijing	82.87 315	iP	P	10 21

Table with columns: UCH, Uchtor, 2.67 13 P, Pn, 10 41 12.0 +3.4, etc. Lists various astronomical observations with station names, coordinates, and times.

Table with columns: BRLS, Karatob, 4.65 27 eP, Pb, 10 41 49.6 +2.9, etc. Lists astronomical observations from BRLS station.

Table with columns: SONM, VRH, VSR, LPSR, etc. Lists astronomical observations from various stations including SONM, VRH, VSR, LPSR, CMAR, BR107, BR131, BR137, BR231, AKAS, MLR, FIAO, FIAO, FIAO, KWP, KWP, ARAO, ARCES, ARCES, KLR, HFS, GERES, CBL, NB2, NB20, SPITS, DAVOX, EKA, ESDC, TOA1, TORD, ILAR, YKA, WRA, WRA, ASAR, MEX, NNC, DZET, SFK, MNAS, MNAS, MNAS, KK31, KK31, KK31, AAK, AAK, AAK, AAK, IDC, WRA, FITZ, FITZ, ASAR, ASAR, MKAR, IDC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like AHML Horco Molle, VCA Vinchilla, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, SONAO Songino Array, etc.

ISCJB 17 12:00:13.8,0.5,39.12N,0.05:27.68E:0.06, h11km, Error ellipse: s-maj=7.4km s-min=5.1km az=42.7

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

CSEM 17 12:04:02.9,0.4,60.32N:22.32E, h2km, ML1.2, Error ellipse: s-maj=11.0km s-min=7.6km az=175.0, Mining explosion.

HEL 17 12:04:03.0,0.2,60.31N:22.26E, h0km, ML1.2, ML0.9(UPP), Explosion, Finland

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

IDC 17 12:11:34.0,3.0,9.29N:92.62E, h0km, mb3.1/4, mb1.3 3/4, mb1mx3.0/54, mbtmp3.1/4, MS3.8/1, Ms1 3.8/1,

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

ISC 17 12:26:45.0,4.1,41.44N:35.97E, h8km, MD2.6, ISCJB 17 12:26:46.0,4.0,41.34N:35.84E, h1km, MD2.7, Error ellipse: s-maj=5.4km s-min=3.9km az=33.1

DDA 17 12:26:46.4,4.1,41.34N:35.82E, h12km, Md2.7, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SAMS Samsun-Alacam, SAMS Samsun-Alacam, HAVZ Havza, etc.

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

NSSC 17 12:30:40.4,1.1,40.19N:42.54E, h156km,46km, ML3.2, ISK 17 12:30:51.38,67N:43.44E, h5km, ML3.6

DDA 17 12:30:50.2,38.67N:43.36E, h18km, ML3.6, CSEM 17 12:30:51.2,0.2,38.64N:43.35E, h5km, ML3.6, Error ellipse: s-maj=5.4km s-min=4.4km az=109.0

ISCN 17 12:30:57.8,1.1,37.96N:43.36E, h5km,4km, ML2.7, ISK 17 12:30:51.2,0.8,38.69N:43.36E, h15km,6km, n83, r1938/106,20,11Z, Turkey

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

ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, HANI Diyarbakir_Han, MARD Mardin, DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, KOPD Kop Dag, KOPD Kop Dag, DAGI Agillar, DYBB Diyarbakir, DIYA Diyarbakir, GDB GEDABAY, SNR=56

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, HANI Diyarbakir_Han, MARD Mardin, DDEM Demirkent, etc.

ISC 17 12:33:46.8,1.1,30.55N:0.04:131.56E:0.06, h31km,6km, n83, r1938/106,20,11Z, Turkey

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

mb3.4/3, Error ellipse: s-maj=9.1km s-min=5.8km az=27.8
 JMA 17 12:33:47.6.0.1, 30.56N, 131.51E, h34km, 1km, M3.1
 IDC 17 12:33:50.6.5.6, 30.71N, 131.37E, h57km, 1km, mb3.1/3,
 mb1 3.3/5, mb1mx0.3/5, mbtrmp3.2/5, ML2.4/2, MS2.7/1,
 Ms1 2.7/1, ms1mx2.4/12, Error ellipse: s-maj=27.7km
 s-min=26.8km az=53.0

ISC 17 12:33:46.2.1.8, 30.61N, 0.05:131.45E, 0.07, h15km, 10km,
 n17, c076/25, mb3.6/3, Kyushu

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
JTN	Tanegashima 3	0.40 276	P	Op	12 33 57.4	-0.1
JTN			P	Pn	12 34 04.7	+0.1
JTSR	Tashiro 2	0.71 321	P	Op	12 34 02.1	+0.3
JTSR			P	Pn	12 34 13.2	+0.7
JYAK	Yukushimahirau	0.89 246	P	Op	12 34 04.6	+0.5
JYAK			P	Pn	12 34 15.9	+0.2
JNAR	Kushima-Naru	0.93 351	P	Op	12 34 05.5	+0.9
JNAR			P	Pn	12 34 07.6	+0.4
JNAR	Kuchinoerabu	1.09 263	P	Op	12 34 22.8	+1.2
JNAR			P	Pn	12 34 09.6	-0.4
JNAR	Suzuyama	1.23 317	P	Op	12 34 25.5	+0.4
JNAR			P	Pn	12 34 11.4	-0.3
JNAR	Takasaki	1.32 347	P	Op	12 34 28.8	-0.1
JNAR			P	Pn	12 34 14.5	-0.2
JNAR	Nakanoshima	1.56 241	P	Op	12 34 34.1	+0.8
JNAR			P	Pn	12 34 15.2	-0.8
JNAR	Tsuno	1.63 2	P	Op	12 34 04.9	+0.2
JNAR			P	Pn	12 34 16.9	-0.1
JNAR	Okuchi	1.69 335	P	Op	12 34 38.5	+0.5
JNAR			P	Pn	12 34 16.8	-0.2
JNAR	Shimokoshiki	1.82 306	P	Op	12 34 28.6	+1.6
JNAR	Nakatsue	2.55 349	P	Op		
KSR5	Korea Array	7.42 438	LR	LR	12 38 46.9	
KSR5			LR	LR		
MJAR	Matsushiro Arr	8.17 42	P	Op	12 35 45.7	+1.4
MJAR			P	Pn		
MKAR	Mitakanechi Array	4.93 307	P	Op	12 41 26.4	-1.5
MKAR			P	Pn		
WRAR	Warramunga Arr	50.34 176	P	Op	12 42 45.0	0.0
WRAR			P	Pn		
ASAR	Alice Springs	54.02 177	P	Op	12 43 09.9	+0.1
ASAR			P	Pn		

CSEM 17 12:38:25.9, 62.82N, 27.58E, h0km, ML1.6, Mining
 explosion.

HEL 17 12:38:25.9, 0.1, 62.82N, 27.58E, h0km, ML1.6,
 Explosion, Finland

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KAF	Kangasniemi	0.92 220	P	Op	12 38 42.8	-0.8
KAF			P	Pn	12 38 55.1	-0.4
KAF	Kangasniemi	0.92 220	P	Op	12 38 42.8	-0.7
KAF			P	Pn	12 38 55.1	-0.4
FIAS	FINES Array S	1.55 208	P	Op	12 39 14.8	-1.2
FIAS			P	Pn	12 38 53.8	-0.9
FIAS	FINES Array S	1.55 208	P	Op	12 39 14.3	-1.2
FIAS			P	Pn	12 38 56.6	-0.6
FIAS	Joensuu	1.71 85	P	Op	12 38 56.7	-0.3
FIAS			P	Pn	12 39 18.9	-0.6
FIAS	Joensuu	1.71 85	P	Op	12 39 02.0	+1.0
FIAS			P	Pn	12 39 27.5	+0.7
FIAS	Merijarvi	2.01 322	P	Op	12 39 27.5	+0.7
FIAS			P	Pn	12 39 35.3	-0.6
FIAS	Merijarvi	2.01 322	P	Op	12 39 35.3	-0.6
FIAS			P	Pn	12 39 35.3	-0.6
FIAS	Virojoki	2.29 180	P	Op	12 39 36.5	-0.3
FIAS			P	Pn	12 39 33.5	
FIAS	Virojoki	2.29 180	P	Op	12 39 36.5	-0.3
FIAS			P	Pn	12 39 37.4	+1.1
FIAS	Oulu	2.39 343	P	Op	12 39 37.5	+1.2
FIAS			P	Pn	12 40 04.4	-1.1
FIAS	Umeaa	3.29 292	P	Op	12 40 04.4	-1.1
FIAS			P	Pn	12 39 25.6	-2.7
FIAS	Arbavere	3.48 194	P	Op	12 39 25.7	-2.6
FIAS			P	Pn	12 39 18.6	-4.9
FIAS	Vasula	4.39 186	P	Op	12 39 18.6	-4.9
FIAS			P	Pn	12 40 43.0	-4.3
FIAS	ERTU Ertisaerv	4.41 331	P	Op	12 40 43.0	-4.3
FIAS			P	Pn	12 40 31.7	-0.5
FIAS	ERTU Ertisaerv	4.41 331	P	Op	12 40 31.7	-0.5
FIAS			P	Pn	12 40 31.7	-0.5
FIAS	SGF Sodankyl	4.66 355	P	Op	12 40 31.7	-0.5
FIAS			P	Pn	12 40 31.7	-0.5

MEX 17 12:39:02.1, 0.7, 16.97N, 100.12W, h10km, MD3.6, Near
 coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
CAIG	El Cayaco	0.16 301	P	Op	12 39 04.9	-0.7
CAIG			P	Pn	12 39 07.2	-0.5
ACX	Acapulco	0.27 111	P	Op	12 39 07.0	-0.6
ACX			P	Pn	12 39 10.4	-1.0
MEIG	Mezcala	1.07 27	P	Op	12 39 19.1	-3.6
MEIG			P	Pn	12 39 32.1	-4.5
ARIG	Puerto Sto Nin	1.32 351	P	Op	12 39 23.3	-3.4
ARIG			P	Pn	12 39 40.0	-4.1
ZIIG	Zihuatanejo	1.43 297	P	Op	12 39 24.6	-3.5
ZIIG			P	Pn	12 39 42.3	-4.7
PLIG	Platanillo	1.54 23	P	Op	12 39 26.5	-3.2
PLIG			P	Pn	12 39 47.4	-4.0
TLIG	Tlapa	1.60 68	P	Op	12 39 27.8	-2.9
TLIG			P	Pn	12 39 47.4	-4.0

CSEM 17 12:39:39.6, 64.07N, 23.75E, h0km, ML1.4, Mining
 explosion.

HEL 17 12:39:39.6, 0.1, 64.07N, 23.75E, h0km, ML1.4,
 Explosion, Finland

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OUF	Merijarvi	0.52 55	P	Op	12 39 48.6	-1.0
OUF			P	Pn	12 39 56.0	-0.3
OUF	Merijarvi	0.52 55	P	Op	12 39 48.6	-1.0
OUF			P	Pn	12 40 01.7	+0.3
OUF	Ylistaro	1.14 205	P	Op	12 40 19.6	+0.5
OUF			P	Pn	12 40 19.6	+0.6
OUF	Burvik	1.15 298	P	Op	12 40 00.1	-1.6
OUF			P	Pn	12 40 19.7	+0.3
OUF	Burvik	1.15 298	P	Op	12 40 00.1	-1.5
OUF			P	Pn	12 40 00.2	-1.5
OUF	Burvik	1.15 298	P	Op	12 40 19.8	+0.3
OUF			P	Pn	12 40 22.9	-0.6
OUF	Umeaa	1.37 263	P	Op	12 40 22.9	-0.6
OUF			P	Pn	12 40 04.1	-1.8
OUL	Oulu	1.38 41	P	Op	12 40 24.5	+0.2
OUL			P	Pn	12 40 04.1	-1.8
OUL	Oulu	1.38 41	P	Op	12 40 24.5	+0.2
OUL			P	Pn	12 40 11.4	+0.5
KALU	Kalix	1.80 355	P	Op	12 40 36.1	-0.4
KALU			P	Pn	12 40 11.4	+0.5
KALU	Kalix	1.80 355	P	Op	12 40 11.4	+0.5
KALU			P	Pn	12 40 11.4	+0.5
KALU	Kalix	1.80 355	P	Op	12 40 11.4	+0.5
KALU			P	Pn	12 40 11.4	+0.5
KALU	Kalix	1.80 355	P	Op	12 40 11.4	+0.5
KALU			P	Pn	12 40 11.4	+0.5
TOF	Tornio	2.03 7	P	Op	12 40 15.3	+0.3
TOF			P	Pn	12 40 11.4	+0.5
TOF	Tornio	2.03 7	P	Op	12 40 15.4	+0.4
TOF			P	Pn	12 40 15.4	+0.4
TOF	Tornio	2.03 7	P	Op	12 40 15.3	+0.3
TOF			P	Pn	12 40 11.4	+0.5
KAF	Kangasniemi	2.29 148	P	Op	12 40 20.3	-1.3
KAF			P	Pn	12 40 49.9	-0.5
KAF	Kangasniemi	2.29 148	P	Op	12 40 20.3	-1.3
KAF			P	Pn	12 40 49.9	-0.5
KAF	comp=Z, 1.6nm, 0.2s		MSG	MSG	12 40 47.2	
KAF			MSG	MSG		
KAF			SG	SG	12 40 49.9	-0.5
ERTU	Ertisaerv	2.58 346	P	Op	12 40 59.4	+0.6
ERTU			P	Pn	12 40 59.4	+0.6
ERTU	Ertisaerv	2.58 346	P	Op	12 40 59.4	+0.6
ERTU			P	Pn	12 41 08.0	+1.4
FIAS	FINES Array S	2.85 157	P	Op	12 41 08.0	+1.4
FIAS			P	Pn		

FIAS FINESS Array S 2.85 157 SG Sb 12 41 08.0 +1.4
 HEMU Hemsoen 2.93 244 Pn Pn 12 40 26.1 -1.2
 HEMU Hemsoen 2.93 244 Pn Pn 12 40 26.0 -1.3
 HEMU Hemsoen 2.93 244 Pn Pn 12 40 26.0 -1.3
 HEMU Hemsoen 2.93 244 Pn Pn 12 40 26.1 -1.2
 RAUF Rauma 3.29 198 Sg Sb 12 41 15.5 -1.1
 RAUF Rauma 3.20 198 MSG Sb 12 41 13.4

RAUF Rauma 3.20 198 MSG Sb 12 41 13.4
 RAUF Rauma 3.20 198 Sg Sb 12 41 15.5 -1.1
 RAUF Rauma 3.20 198 Pn Pn 12 40 32.0 +0.2

IDC 17 12:47:53.0, 999.0, 56.86N, 36.44E, h0km, Error ellipse:
 s-maj=965.2km s-min=13.8km az=107.0, Baltic
 States-Belarus-Northwestern Russia

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
I43RU	DUBNA INFRASON	0.45 107	P	Op	12 50 00.0	
I31KZ	AKTYUBINSK INF	14.31 108	i		14 18 50.0	
I46RU	SAZOV INFRAS	27.17 75	i		15 33 30.0	

ISC/B 17 12:50:22.5, 0.6, 23.76N, 0.03:122.78E, 0.02, h29km, 6km,
 Error ellipse: s-maj=5.9km s-min=3.4km az=166.7

JMA 17 12:50:22.6, 0.1, 23.80N, 122.81E, h41km, M2.4
 TA 17 12:50:22.9, 23.83N, 122.82E, h29km, 1km, ML2.6, C

ISC 17 12:50:22.4, 1.3, 23.81N, 0.04:122.83E, 0.03, h26km, 13km,
 n38, c068/60, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
JYNG	Yonagunijimaki	0.65 10	P	Op	12 50 35.4	+0.2
JYNG			P	Pn	12 50 45.2	0.0
YOJ	Yonaguni jima	0.67 15	P	Op	12 50 35.9	-0.3
YOJ			P	Pn	12 50 44.3	-0.1
YOJ	Yonaguni jima	0.67 15	P	Op	12 50 35.9	-0.3
YOJ			P	Pn	12 50 39.8	0.0
HATJ	Hateruma jima	0.93 75	P	Op	12 50 52.0	-0.2
HATJ			P	Pn	12 50 40.8	+0.4
IRIF	Iriomote-Funau	0.98 58	P	Op	12 50 54.3	+1.1
IRIF			P	Pn	12 50 43.1	+0.1
NANB	Nano	1.16 302	P	Op	12 50 59.5	+1.1
NANB			P			

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

17d 12h

Table with columns: ID, Name, Time, Date, Status, and other details. Rows include 537A Fort Scott, Q39A Willow Grove F, V35A Meyer Ranch, C, R38A Fenwick Farm, etc.

2012 JAN

Table with columns: ID, Name, Time, Date, Status, and other details. Rows include U41A Viola, P46A Roseale, O47A Sheridan, Q45A Warren Harvey, etc.

784

Table with columns: ID, Name, Time, Date, Status, and other details. Rows include ODNJ, PAGES Pennsylvania G, LUPA Lehigh Unions, Y47A UCParc, Winfie, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pelee Case Pet, Morne La Croix, Bamf, etc.

IDC 17 12:57:55.2,999.0,56.75N,36.85E, h0km, Error ellipse: s-maj=872.6km s-min=4.4km az=99.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, etc.

CSEM 17 13:00:15.1,0.2,56.06N,14.00E, h1km, ML1.1, Error ellipse: s-maj=4.0km s-min=3.4km az=48.0, Mining explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DEL Delary, BJUU Bjuv, etc.

CSEM 17 13:00:31.3,57.75N,13.42E, h0km, ML1.2, Mining explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BORU Boraas, FKPU Falk, etc.

ISN 17 13:14:30.0,1.9,38.89N,43.47E, h2km, ML3.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tlaga, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, etc.

KRSC 17 13:22:56.9,1.6,51.00N,160.54E, h80km, 31km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KDTR Khodutka, RUS Russkaya, etc.

MAN 17 13:23:53,11.55N,125.32E, h68km, mb4.1, ML2.9, MS2.6, 1C, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, etc.

MAN 17 13:27:48,11.28N,125.63E, h24km, mb4.7, ML3.5, MS3.5, 1C, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, etc.

MAN 17 13:35:41,11.24N,125.65E, h6km, mb3.9, ML2.6, MS2.2, 1C, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, etc.

h23km, 12km, mb3.6/6, Error ellipse: s-maj=13.1km

IDC 17 13:41:06.2,1.6, 10.76N,124.98E, h0km, mb3.6/6, mb1.3/6, mb1mx3.5/46, mbtrmp3.6/6, Error ellipse: s-maj=130.8km s-min=19.5km az=67.0

MAN 17 13:41:07, 11.18N,125.97E, h1km, mb4.3, ML3.2, MS3.0

ISC 17 13:41:06.2,2.1,11.26N,125.05E,126.03E,0.08, h6km, 13km, n23, r162/22, mb3.6/6, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, etc.

INMG 17 13:44:51.0,1.0,32.41N,7.83W, h0km, Error ellipse: s-maj=4.4km s-min=2.9km az=118.0

CSEM 17 13:44:53.6,0.4,32.57N,7.53W, h10km, mb3.8, Error ellipse: s-maj=10.4km s-min=7.8km az=88.0

MDD 17 13:44:50.4,3.2,32.33N,7.66W, h0km, mb3.8/5, Error ellipse: s-maj=43.8km s-min=29.2km az=104.0, PRXIMO, Morocco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PFVI Vila Bisbo, PBVD Barranco-do-Ve, etc.

EGRO 0.8nm,0.2s,SNR=7.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EGRO EI Granado, PTEO Sao Teotonio, etc.

EMIN 2.2nm,0.4s,SNR=7.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EMIN Mina Concepcio, MESJ Messejana, etc.

ECAB 1.5nm,0.4s,SNR=7.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ECAB Eadad, EADA Adam, etc.

JMA 17 13:46:13.2,36.83N,138.50E, h10km, 1km, M0.5, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JGK Kuni, MAT Matsushiro, etc.

IDC 17 13:48:18.5-4.5, 36°17'N-71°06'E, h172km-40km, mb3.2/7, mb1.3/3.12, mb1mx3.1/48, mbtmp3.7/12, Error ellipse: s-maj=31.8km s-min=20.0km az=31.0

ISCJB 17 13:48:21.8-0.5, 36°54'N-0°03'71.0E:0.1, h188km, mb3.4/6, Error ellipse: s-maj=6.6km s-min=4.6km az=1.3

NNC 17 13:48:24.9-4.8, 36°38'N-70°56'E, h0km, mb4.6, mpv4.2, Error ellipse: s-maj=37.9km s-min=32.4km az=156.0

ISC 17 13:48:21.7-0.7, 36°50'N-0°05'71.0E:0.1, h188km, n30, a1939/36, mb3.4/6, 3C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like CEP Cherat, CHCP Chirah Chowk, SARK Sarodha, etc.

IDC 17 13:53:26.4-3.5, 4.90S-152.47E, h0km, mb3.4/3, mb1.3/7, mb1mx3.2/26, mbtmp3.4/3, Error ellipse: s-maj=125.2km s-min=49.4km az=123.0, New Britain region

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

ISK 17 14:01:01.0, 34°48'N-33°16'E, h11km, ML3.7, ISCJB 17 14:01:02.6-0.5, 34°55'N-0°02'33.1E:0.04, h9km, 3km, mb3.4/2, Error ellipse: s-maj=5.1km s-min=2.9km az=160.5

IDC 17 14:01:02.1-1.3, 34°65'N-32°39'E, h0km, mb3.4/4, mb1.3/6.9, mb1mx3.4/40, mbtmp3.5/9, ML3.4/5, Error ellipse: s-maj=27.0km s-min=15.1km az=45.0

DDA 17 14:01:02.2, 34°61'N-33°13'E, h9km, ML3.5, GII 17 14:01:03.8-0.0, 34°54'N-33°23'E, h1km, MD2.4/6, NIC 17 14:01:03.5-0.2, 34°60'N-33°10'E, h5km, ML3.6, Felt I=III MM at Limassol.

NIC Felt III MM at Limassol. CSEM 17 14:01:03.6-0.1, 34°60'N-33°12'E, h10km, ML3.6, Error ellipse: s-maj=4.3km s-min=1.7km az=72.0

ISC 17 14:01:03.7-1.0, 34°61'N-0°03'33.1E:0.03, h12km, 7km, n112, a1804/147, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like SZAC Souni, CSS Mathiatis, AKIN Ak-nc-lar-K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like AKKU Akkuyu-Mersin, GULN MERSIN, GULN MERSIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like MMA0B Mount Meron ar, MMA0B Mount Meron ar, MMAI Mount Meron Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like MMAL 36m,0.3s,baz=303,slow=28,SNR=16, OFRI Ofar, OFRI Ofar, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like AKASO Malin Array Be, AKASO Malin Array Be, GERES GERES Array B, etc.

UCR 17 14:03:37.1-1.1, 12°17'N-86°93'W, h104km, 6km, ML4.2, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like COPN Copaltepe, COPN Copaltepe, MOMI Motomoto, etc.

MAN 17 14:17:44, 11°25'N-125°93'E, h14km, mb4.4, ML3.2, MS3.0, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like BESP Borongan, BESP Borongan, PLP Palo, etc.

IDC 17 14:20:39.2-7.2, 17°59'S-178°70'W, h596km-83km, mb2.6/5, mb1.2/9.5, mb1mx2.7/26, mbtmp3.5/5, Error ellipse: s-maj=122.0km s-min=26.9km az=150.0, Fiji Islands region

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

MAN 17 14:21:45, 11°25'N-125°86'E, h19km, mb4.3, ML3.1, MS2.9, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like BESP Borongan, BESP Borongan, PLP Palo, etc.

MAN 17 14:24:36, 11°22'N-125°93'E, h0km, mb4.2, ML3.0, MS2.8, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like BESP Borongan, BESP Borongan, PLP Palo, etc.

MAN 17 14:31:44, 11°15'N-123°61'E, h17km, mb4.4, ML3.2, MS3.0, 2C, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like LLP Lapu-Lapu, LLP Lapu-Lapu, RCP Roxas, etc.

MAN 17 14:33:48, 11°29'N-125°98'E, h17km, mb4.1, ML3.0, MS2.7, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like BESP Borongan, BESP Borongan, PLP Palo, etc.

ISK 17 14:39:18.1, 40°57'N-34°85'E, h5km, MD2.6, ML2.4, ISCJB 17 14:39:19.7-0.5, 40°59'N-0°03'34.82E:0.04, h9km, 4km, Error ellipse: s-maj=5.6km s-min=4.7km az=8.9

CSEM 17 14:39:19.6-0.2, 40°61'N-34°80'E, h5km, ML2.7, Error ellipse: s-maj=2km s-min=3.7km az=103.0

DDA 17 14:39:19.0, 40°59'N-34°80'E, h13km, ML2.7, ISC 17 14:39:19.3-0.9, 40°59'N-0°02'34.80E:0.03, h11km, 5km, n24, a0939/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like CTAK Corum_Osmancik, CTAK Corum_Osmancik, COAL Corum-Alaca, etc.

SVSK	Karacayir	1.81 111	PN	Pb	14 39 52.1	-0.4
SVSK	Karacayir	1.81 111	ePn	Pb	14 39 52.1	-0.4

IDC 17 14:40:39.7,999.0,56.92N:32.85E,h0km,Error ellipse:
s-maj=1230.0km s-min=46.1km az=93.0,Baltic

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
I43RU	DUBNA INFRASON 2.41	93	Op	ISC	14 55 01.1	
	baz=277,slow=409,SNR=3.0					
I13KZ	AKTYUBINSK INF 16.23	103	i		16 23 00.0	
	baz=300,slow=337,SNR=0.2					
I46RU	ZALESOVO INFRA20.05	74	i		17 40 00.0	
	baz=295,slow=337,SNR=1.5					

MAN 17 14:41:57,11.36N:125.53E,h63km,mb4.0,ML2.8,MS2.5,
1C,Samar

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
BESP	Borongan	0.26 340	Op	Pn	14 42 08.3	+1.1
	baz=277,slow=409,SNR=3.0					
BESP	Palo	0.57 250f	eP	Sb	14 42 12.2	+2.2
	baz=277,slow=409,SNR=3.0					
MSLP	Maasin	1.38 208	eP	Sb	14 42 23.3	+3.9
	baz=277,slow=409,SNR=3.0					
MSLP			eP	Sb	14 42 22.3	+2.1
	baz=277,slow=409,SNR=3.0					
MSLP			eP	Sb	14 42 44.2	+6.6
	baz=277,slow=409,SNR=3.0					

SOME 17 14:51:37.4,39.80N:77.25E,h0km
N1C 17 14:51:39.1,1.4,39.85N:77.36E,h0km,mb3.6,mpv3.2,
Error ellipse: s-maj=11.1km s-min=5.5km az=144.0

KRNET 17 14:51:39.0,1.39,39.94N:77.45E,mb3.0
ISC 17 14:51:44.5,2.2,40.08N:0.07731E:0.04,h2km,mb13km,
n31,φ1968'56,13C-21D,Kyrgyzstan-Xinjiang border
region

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
NRN	Naryn	1.68 324	iP	Pn	14 52 14.3	-0.8
	baz=23					
NRN			iP	Sb	14 52 39.9	+1.5
	baz=23					
ULHL	Ulahol	2.31 340	iP	Pg	14 52 25.0	-1.9
	baz=39					
ULHL			iP	Sb	14 52 55.9	-0.1
	baz=39					
KZA	Kyzart	2.53 323	iP	Pn	14 52 27.6	+0.7
	baz=23					
KZA			iP	Sb	14 53 02.0	-0.6
	baz=23					
BOOM	Booms koye usch	2.62 337	iP	Pn	14 52 28.2	+0.3
	baz=36					
BOOM			iP	Sb	14 53 03.5	-1.4
	baz=36					
SFK	Sufi-Kurgan	2.92 270	iP	Pn	14 52 33.2	+1.0
	4.6nm,0.2s					
SFK			iP	Lg	14 53 11.9	
	9.4nm,0.3s					
SFK	Sufi-Kurgan	2.92 270	iP	Pn	14 52 31.5	-0.6
	baz=79					
SFK			iP	Sb	14 53 09.3	+1.0
	baz=79					
TNS5	tian-Shan	2.97 355	iP	Pb	14 52 38.2	-0.1
	4.6nm,0.4s					
TNS5			iP	Sg	14 53 22.2	+2.4
	13nm,0.4s					
IZV	Izvestkoviy	2.90 350	eP	Pb	14 52 38.2	-0.5
	2.9nm,0.6s					
IZV			eP	Sb	14 53 22.2	+1.3
	2.9nm,0.6s					
UCH	Uchtor	3.01 316	iP	Pn	14 52 34.1	+0.6
	baz=17					
UCH			iP	Sb	14 53 13.3	-3.1
	baz=17					
MDOK	Medeo	3.09 356	iP	Pb	14 52 40.0	-0.2
	2.1nm,1.5s					
MDOK			iP	Lg	14 53 24.4	
	20nm,0.6s					
SATY	Saty	3.09 15	eP	Pb	14 52 39.2	-1.0
	7.5nm,0.4s					
SATY			iP	Sg	14 53 24.1	+0.4
	10nm,0.6s					
TKM2	Tokmak 2	3.12 336	iP	Pb	14 52 40.7	0.0
	3.9nm,1.1s					
TKM2			iP	Lg	14 53 25.3	
	7.9nm,0.3s					
MTBS	Maitube	3.12 348	eP	Pb	14 52 40.0	-0.7
	3.4nm,0.1s					
MTBS			eP	Sg	14 53 25.1	+0.4
	baz=18					
KBK	Karakaybulak	3.13 326	iP	Pn	14 52 35.6	+0.7
	11nm,0.2s					
KBK			iP	Sb	14 53 16.1	-3.4
	baz=26					
KST	Kasiek	3.13 342	eP	Pb	14 52 40.9	0.0
	2.1nm,0.3s					
KST			iP	Sg	14 53 26.6	+1.7
	9.9nm,0.3s					
KOTS	Kotyrbulak	3.15 357	eP	Pb	14 52 41.3	-0.1
	9.6nm,0.4s					
KOTS			eP	Sg	14 53 27.6	+1.7
	20nm,0.4s					
AAK	Ala-Archa	3.32 321	iP	Pg	14 52 43.1	-1.0
	8.9nm,1.4s					
AAK			iP	Lg	14 53 30.7	
	12nm,0.7s					
UZB	Uznobulak	3.32 32	eP	Pb	14 52 42.5	-1.7
	2.0nm,0.2s					
UZB			eP	Sg	14 53 29.0	-2.2
	2.0nm,0.2s					
DGS	Degeres	3.36 340	eP	Pb	14 52 44.6	-0.3
	2.2nm,0.3s					
DGS			eP	Sg	14 53 33.3	+0.8
	8.9nm,0.3s					
AML	Almayashu	3.42 308	iP	Pn	14 52 39.5	+0.4
	baz=9.0					
AML			iP	Sb	14 53 23.1	+2.8
	baz=9.0					
KURS	Kuram	3.47 10	eP	Pb	14 52 46.3	-0.2
	0.7nm,0.4s					
KURS			eP	Sg	14 53 35.6	-0.1
	1.5nm,0.5s					
SHLS	Shalkode	3.47 27	eP	Pg	14 52 50.8	-0.1
	4.0nm,0.9s					
SHLS			eP	Sg	14 53 43.3	+7.3
	19nm,1.5s					
PDGK	Podgornoye	3.63 26	iP	Pb	14 52 48.3	-1.2
	20nm,1.5s					
PDGK			iP	Lg	14 53 38.7	
	12nm,0.9s					
PDGK	Podgornoye	3.63 26	iP	Pn	14 52 41.0	-0.8
	baz=24					
PDGK			iP	Sb	14 53 25.7	+0.4
	baz=24					
CHKK	Chushkaly	3.78 356	eP	Pb	14 52 52.3	+0.5
	4.2nm,0.4s					
CHKK			eP	Sg	14 53 46.0	+0.1
	11nm,0.6s					
KTM5	Ketimen	4.06 33	eP	Pb	14 52 57.0	+0.2
	1.7nm,0.1s					
KTM5			eP	Sg	14 53 54.6	-0.2
	8.7nm,0.4s					
MRKS	Merke	4.07 312	eP	Pb	14 52 56.0	-0.7
	3.9nm,0.3s					
MRKS			eP	Sg	14 53 52.9	-2.2
	6.7nm,0.4s					
ARXS	Arharly	4.15 5	eP	Pb	14 52 59.0	+0.8
	3.9nm,0.1s					
ARXS			eP	Sg	14 53 58.1	+0.5
	4.3nm,0.5s					
MNAS	Manas	4.35 305	iP	Pg	14 53 02.2	+0.6
	1.5nm,0.6s					
MNAS			iP	Lg	14 54 02.2	
	5.6nm,1.2s					
DJR	Jarkent	4.63 23	eP	Pb	14 53 06.4	0.0
	1.5nm,0.6s					
DJR			eP	Sg	14 54 10.0	-3.2
	3.1nm,0.5s					
KAPS	Kapalarasan	5.42 15	eP	Sg	14 53 22.3	+2.5
	0.9nm,0.5s					
KAPS			eP	Sg	14 54 38.0	-0.4
	1.8nm,0.4s					

KRSC 17 14:56:05.5:1.7,48.71N:156.04E,h7km,14km,ML3.9,
East of Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
					h m s	ISC
SKR	Severo-Kuril's	1.98 1	Op	Pn	14 56 38.9	-0.6
	baz=118					
SKR			eP	Sb	14 57 04.9	+0.4
	baz=118					
KDTR	Khodutka, Kamc	3.37 22	eP	Pn	14 57 02.9	-2.7
	baz=118					
KDTR			eP	Sb	14 57 43.2	-3.5
	baz=118					
MTRV	Mutnovka	4.02 19	eP	Pn	14 57 59.6	+4.5
	baz=118					
MTRV			eP	Sb	14 57 11.5	+3.6
	baz=118					
RUS			eP	Sb	14 57 59.9	+3.9
	baz=118					
KRMR	Karymshinskiy	4.34 17	eP	Pn	14 58 08.9	-5.6
	baz=118					
DALK	Dalny	4.66 21	eP	Pn	14 57 20.0	+3.7
	baz=118					
DALK			eP	Sb	14 58 15.3	+4.8
	baz=118					
UGLR	Uglovaya	4.84 20	eP	Pn	14 57 22.8	+3.9
	baz=118					
AVH	Avyacha	4.87 19	eP	Pn	14 57 23.9	+4.6
	baz=118					
SPN	Mys Shipunski	5.07 28	eP	Pn	14 57 26.5	+4.6
	baz=118					
SPN			eP	Sb	14 58 27.1	+5.5
	baz=118					
GPN	Ganaly	5.14 13	eP	Pn	14 57 27.9	+4.9
	baz=118					

IDC 17 15:08:48.8:1.2,30.77S:71.42W,h0km,mb4.1/2,
mb1 4.0/4,mb1mx3.7/20,mbtmp3.9/4,ML3.7/2,Error
ellipse: s-maj=62.5km s-min=33.5km az=112.0

GUC 17 15:08:58.0:0.7,30.77S:71.65W,h30km,10km,ML4.0
NEIC 17 15:08:58.2:1.31,31.07S:71.21W,h67km,9km,
ML4.1(GUC),Error ellipse: s-maj=23.5km s-min=10.0km
az=86.0

NEIC Felt III at Combaraba, Ovalle and Salamanca.
SJA 17 15:08:59.0:1.1,30.88S:71.02W,h8km,13km,ML3.8,
MW3.7

ISCJTB 17 15:09:00.7:0.9,30.74S:0.05:71.2W:0.1,7.9km
mb3.9/2,Error ellipse: s-maj=18.1km s-min=7.3km
az=163.6

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ATAH, OTAV, SOTA, PCON, HORQ, RREF, GUYC, PRAC, ROSC, R33C, HUSCA, TXAR, TXAR, TXAR, TXAR, TXAR, RKT, RKT, RKT, MNTX, MNTX, MNTX, TAOE, 121A, 214A, MNMC, PB11, LPAZ, LPAZ, PB01, MSTX, MSTX, BNM, AMTX, AMTX, X35A, X35A, ANMO, ANMO, Y12C, WMOK, BC3, XPFO, PFO, PFO, PDMCI, IRM, BELC, X39A, Z45A, MIAR, MIAR, W37B, WUAZ, WUAZ, W38A, W13A, Z47A, GMRC, BFSC, W39A, LDFC, LRAL, HEC, X43A, LCO, W40A, W46A, Z48A, W41B, V37A, Z49A, Y47A, TUQ, EDW2, T25A, T25A, U15A, Y48A, V40A, V41A, MVCO.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DUG, N23A, KVN, Q44A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like A33A, NEW, SADO, WALA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like THRS, APE, AYDN, etc.

LAGR		eS	Sn	18 31 37.8 -0.4	
NEM2	Nemuro 2	1.42 256	P	18 31 20.5 -1.2	
NEM2		eS	Pn	18 31 37.0 -2.3	
KUR	Kuril'sk	1.52 6	eP	18 31 22.9 -0.1	
KUR		/S	Sn	18 31 41.4 -0.3	
KUR	comp=Z,207nm,0.5s		pmax		
KUR	comp=E,1µm,0.4s		smax		
KUR	comp=N,815nm,0.1s		smax		
KUR	Kuril'sk	1.52 6	eP	18 31 22.6 -0.4	
KUR	comp=N,2µm,0.4s		AMB	18 31 41.3 -0.4	
KUR		eS	Sn	18 31 42.9	
KUR	comp=N,2µm,0.5s		A	18 31 42.9	
KUR	comp=N,12µm,0.5s		A		
GLVR	Golovnino	1.53 271	i P	18 31 23.2 0.0	
GLVR		i S	Pn	18 31 42.5 +0.5	
GLVR	Golovnino	1.53 271	eP	18 31 23.2 0.0	
GLVR		eS	Pn	18 31 42.5 +0.5	
JRA	Rausu	1.83 277	P	18 31 27.3 +0.1	
JRA		eS	Pn	18 31 49.3 +0.1	
JNK	Nakash	2.12 267	P	18 31 30.0 +0.6	
JNK		eS	Pn	18 31 54.8 -1.5	
JAK	Akkeshi	2.26 252	P	18 31 32.3 -0.8	
JAK		eS	Pn	18 31 57.4 -2.4	
JTRK	Abashiri-Toko	2.70 276	P	18 31 39.9 +0.8	
JR	Ashorobuto	2.84 263	P	18 31 41.2 +0.1	
JAR		eS	Pn	18 32 13.1 -0.6	
JOB	Onbets	2.89 255	P	18 31 41.4 -0.3	
JOB		eS	Pn	18 32 13.5 -1.7	
JMP	Maruseppu	3.10 277	P	18 31 45.5 +0.9	
HRK	Horoka	3.28 267	eP	18 31 48.3 +1.2	
HRK		eS	Sn	18 32 25.6 +0.7	
JHJ	Churui	3.31 252	P	18 31 47.2 -0.3	
JCH		eS	Pn	18 32 23.8 -1.8	
JKK2	Kamakawa 2	3.54 274	P	18 31 52.1 +1.5	
JKA	Kamikawa-asahi	3.66 278	eP	18 31 54.4 +2.2	
ASAH	Asahikawa	3.66 278	eP	18 31 54.4 +2.1	
ASAJ	comp=Z,2.5nm,0.3s,baz=64,slow=12,SNR=26		S	18 32 41.1 +7.0	
ASAJ	baz=210,slow=20,SNR=3.5		Sn	18 31 53.7 +1.5	
ASAJ	Asahikawa	3.66 278	eP	18 31 53.7 +1.5	
ERM	Erimo	3.71 244d	i P	18 31 54.1 +1.2	
ERM		eP	Pn	18 31 53.7 +0.8	
ERM	Erimo	3.71 244	eP	18 31 53.7 +0.8	
ERM	Severo-Kuril's	3.71 244	eP	18 31 53.1 +0.2	
JFR	Furan	3.71 243	P	18 32 35.6 +0.2	
JISJ	Soyraes	3.82 291	eP	18 31 52.1 +1.1	
JHR	Hokuryu	4.28 272	P	18 32 02.8 +2.1	
JWK2	Keihoko	4.40 293	P	18 32 05.2 +2.9	
YSS	Yuzh-Sakhalins	4.71 315j	eP	18 32 08.0 +1.3	
YSS		eS	Sn	18 32 59.7 -0.3	
YSS	comp=Z,40nm,0.6s		pmax		
YSS	comp=E,40nm,0.7s		smax		
YSS	Yuzh-Sakhalins	4.71 315	eP	18 32 07.2 +0.5	
YSS		AMB	Pn	18 32 08.4	
YSS	comp=E,40nm,0.3s		eS	18 32 59.3 -0.7	
YSS		eS	Sn	18 32 59.9	
YSS	comp=E,30nm,0.5s		A	18 32 59.9	
YSS	comp=E,40nm,0.5s		eP	18 32 07.4 +0.7	
YSS	Yuzh-Sakhalins	4.71 315	eP	18 32 07.4 +0.7	
TYV	Tymovskoye	7.90 336	eP	18 32 51.3 +1.1	
SKR	Severo-Kuril's	9.04 37	i P	18 33 03.6 -2.2	
SKR		eP	Pn	18 33 05.9 0.0	
MJAR	Matsushiro Arr	10.17 228	LR	18 37 37.7	
MJAR	comp=E,34nm,21.4s,baz=60,slow=39		Pn	18 33 20.1 -1.3	
MJB9	Matsu-Tunnel	10.17 228	eP	18 33 20.1 -1.3	
MAJO	Matsushiro	10.17 228	eP	18 33 20.1 -1.3	
MAJO		eP	Pn	18 33 25.8 +1.8	
MAJO	Matsushiro	10.17 228	eP	18 33 25.8 +1.8	
GRNR	Gornyy	10.37 317	eP	18 33 38.9 -0.2	
VLA	VLADIVOSTOK	11.47 272j	eP	18 33 38.9 -0.2	
VLA	Vladivostok	11.47 272	eP	18 33 38.9 -0.2	
PEA0B	Petrovlovsk-	11.52 32	eP	18 33 39.2 -0.5	
PETK	Petrovlovsk-	11.52 32	eP	18 33 36.4 -3.3	
PETK	comp=E,0.6nm,0.3s,baz=210,slow=10,SNR=8.6		Pn	18 33 39.6 -0.1	
PETK	Petrovlovsk-	11.52 32	eP	18 33 39.6 -0.1	
PETK	Petrovlovsk-	11.52 32	eP	18 33 36.4 -3.3	
PEA1	Petrovlovsk-	11.52 32	eP	18 39 41.3	
KLK	Kul'dur	12.24 302	LR	18 39 41.3	
KLK	comp=E,5.8nm,20.5s,baz=128,slow=38		Pn	18 33 49.0 -0.6	
KLK	Kul'dur	12.24 302j	eP	18 33 49.0 -0.6	
KLK	Kul'dur	12.24 302	eP	18 34 06.9 +0.4	
EKMR	Ekimchan	13.48 319	eP	18 34 21.5	
EKMR	comp=E,4.0nm,0.5s		AMB	18 34 38.9 -0.2	
MA2	Magadan	15.99 6	P	18 34 38.9 -0.2	
MA2	comp=E,0.8nm,0.3s,baz=191,slow=9.5,SNR=13		Pn	18 34 38.6 -0.5	
MA2	Magadan	15.99 6	eP	18 34 38.6 -0.5	
KSRS	Korea Array	16.21 254	LR	18 40 06.8	
KSRS	comp=E,55nm,19.1s,baz=102,slow=34		Pn	18 34 44.4 -0.1	
BMKR	Bomnak	16.42 319	eP	18 34 52.3	
BMKR	comp=E,5.0nm,0.6s		AMB	18 34 54.3 +4.7	
ZEZ	Zeya	16.71 314	eP	18 34 46.5 -1.5	
ZEZ	Zeya	16.71 314	eP	18 34 53.0 -1.2	
KROS	Kirovskiy	19.44 7	P	18 35 18.1 -1.5	
SEY	Seymchan	19.44 7	eP	18 35 19.4 -0.2	
SEY	comp=N,140nm,1.8s		P	18 35 19.4 -0.2	
SEY	Seymchan	19.44 7	eP	18 35 19.4 -0.2	
YAK	Yakutsk	21.16 336	P	18 35 35.5 -2.7	
YAK	comp=E,13nm,0.5s,baz=3.6,slow=10,SNR=18		P	18 35 33.6 -4.5	
YAK	Yakutsk	21.16 336	eP	18 36 07.2	
YAK		eS	S	18 39 27.1 -2.9	
YAK		e'SS	Sn	18 39 44.3 +4.7	
YAK		eSS	SnSn	18 39 54.8 -0.5	
YAK	comp=Z,13nm,0.8s		pmax		
YAK	comp=E,3.0nm,1.2s		pmax		
YAK	comp=Z,177nm,3.9s		pmax		
YAK	comp=E,71nm,3.7s		smax		
YAK	comp=E,35nm,2.2s		smax		
YAK	comp=N,58nm,2.2s		smax		
YAK	Yakutsk	21.16 336	eP	18 35 35.2 -3.0	
YAK	comp=Z,33nm,0.8s		P	18 35 54.4 -3.8	
JOW	Kunigami	23.01 329	eP	18 36 44.4 +2.2	
YOJ	Yonaguni jima	27.84 234	eP	18 36 44.4 +2.2	
YOJ	comp=Z,159nm,1.4s		pmax		
YOJ	Yonaguni jima	27.84 234	eP	18 36 44.4 +2.2	
SONA1	Songino Array	28.79 293	eP	18 36 50.7 +0.1	
SONA0	Songino Array	28.80 293	eP	18 36 50.9 +0.3	
SONM	Songino Array	28.80 293	P	18 36 50.9 +0.2	
SONM	comp=Z,1.5nm,0.5s,baz=86,slow=8.3,SNR=18		pmax		
SONM	Songino Array	28.80 293	P	18 36 50.9 +0.2	
H1N2	WAKE ISLAND HY	28.86 140	T	19 07 33.4	
H1N2	comp=Z,1.0nm,0.5s		T		
H1N1	WAKE ISLAND HY	28.87 140	T	19 07 34.4	
H1N1	comp=Z,300,slow=76,SNR=72		T		
H1N3	WAKE ISLAND HY	28.88 140	T	19 07 34.9	
H1N3	comp=Z,300,slow=76,SNR=81		T		
NACB	Ninganchiao	28.91 236	eP	18 36 51.5 -0.1	
H1S1	WAKE ISLAND HY	29.93 141	T	19 08 49.7	
H1S1	comp=Z,31nm,1.1s		T		
H1S3	WAKE ISLAND HY	29.84 141	T	19 08 49.9	
H1S3	comp=Z,332,slow=76,SNR=125		T		
H1S2	WAKE ISLAND HY	29.85 141	T	19 08 47.7	
H1S2	comp=Z,332,slow=76,SNR=92		T		
TLY	Talaya	30.26 301	eP	18 37 01.2 -2.2	
TLY	comp=Z,3.0nm,0.6s		pmax		
TLY	Talaya	30.26 301	eP	18 37 01.2 -2.2	

comp=Z,2.5nm,0.6s					
TTA	Tatalina	37.23 39	eP	18 38 04.2 +0.4	
TTA	Tatalina	37.23 39	eP	18 38 04.2 +0.4	
SVW2	Sparrevohk	37.35 42	eP	18 38 05.5 +0.7	
IM3	Indian Mountai	38.47 34	eP	18 38 14.6 +0.6	
IMAR	Indian Mountai	38.47 34	eP	18 38 14.6 +0.6	
OHAK	Old Harbor	38.69 48	eP	18 38 15.8 -0.2	
PPLA	Purkhele	38.98 39	eP	18 38 20.2 +1.7	
PPLA	comp=Z,194nm,1.8s				
KDAK	Kodiak Island	39.01 47	eP	18 38 19.4 +0.8	
KDAK	Kodiak Island	39.01 47	eP	18 38 19.4 +0.8	
KDAK	comp=Z,192nm,1.8s				
CAST	Castle Rocks	39.03 38	eP	18 38 20.0 +1.1	
KTH	Kantishi Hill	39.55 38	eP	18 38 24.4 +1.2	
KTH	comp=Z,22nm,1.5s				
CNPM	China Post	39.56 44	eP	18 38 24.1 +0.8	
CNPM	comp=Z,208nm,2.0s				
MLY	Manley	39.66 36	eP	18 38 25.4 +1.3	
MLY	comp=Z,5.3nm,0.2s				
BRLK	Bradley Lake	39.72 44	eP	18 38 25.5 +0.9	
BRLK	comp=Z,142nm,2.0s				
COLD	Coldfoot	39.98 32	eP	18 38 27.6 +0.9	
COLD	comp=Z,6.7nm,0.6s				
RC01	Rabbit Creek A	40.19 42	eP	18 38 28.9 +0.5	
RC01	comp=Z,40nm,1.6s				
MCK	McKinley	40.44 38	eP	18 38 31.1 +0.6	
MCK	comp=Z,20nm,1.5s				
MCK	McKinley	40.44 38	eP	18 38 31.1 +0.6	
MCK	McKinley	40.44 38	eP	18 38 31.1 +0.6	
MCK	comp=Z,20nm,1.5s				
RND	Reindeer	40.48 38	eP	18 38 31.2 +0.2	
RND	comp=Z,21nm,1.6s				
RND	Reindeer	40.48 38	eP	18 38 31.2 +0.2	
RND	comp=Z,20nm,1.6s				
MDM	Murphy Dome	40.72 36	eP	18 38 33.9 +1.1	
MDM	comp=Z,55nm,1.7s				
DGZ	Jazzart, Alta	40.73 300j	eP	18 38 34.2 +0.9	
DGZ	comp=Z,1.0nm,0.8s				
SML	Sawmill	40.81 41	eP	18 38 34.2 +0.6	
SML	comp=Z,81nm,1.9s				
SML	Sawmill	40.81 41	eP	18 38 34.2 +0.6	
SML	comp=Z,81nm,1.9s				
CMB	Clear Creek Bu	40.91 36	eP	18 38 35.5 +1.2	
CMB	comp=Z,16nm,1.8s				
DHY	Denali Highway	41.17 39	eP	18 38 37.0 +0.3	
DHY	comp=Z,25nm,1.7s				
SCM	Sheep Creek Mo	41.28 41	eP	18 38 38.4 +0.8	
SCM	comp=Z,100nm,1.7s				
SCM	Sheep Creek Mo	41.28 41	eP	18 38 38.4 +0.8	
SCM	comp=Z,100nm,1.7s				
ZAA1	Zalesovo Array	41.29 307	eP	18 38 37.2 -0.4	
ZAA1	comp=Z,0.7nm,0.4s,baz=69,slow=6.4,SNR=4.3				
ZALV	Zalesovo Beam	41.29 307	eP	18 38 37.2 -0.4	
ZALV	comp=Z,1.4nm,0.6s,baz=87,slow=3.2,SNR=6.8				
IL1	Eielson Array	41.30 36	eP	18 38 38.0 +0.4	
ILAR	Eielson Array	41.30 36	eP	18 38 37.9 +0.3	
ILAR	comp=Z,2.5nm,0.6s,baz=273,slow=8.2,SNR=40				
ILB	Eielson Array	41.30 36	eP	18 38 38.0 +0.4	
FID	Port Fidalgo	41.80 42	eP	18 38 42.0 +0.3	
FID	comp=Z,95nm,1.7s				
FYU	Fort Yukon	41.93 33	eP	18 38 44.5 +1.8	
FYU	comp=Z,59nm,1.6s				
KLU	Klutina	41.98 41	eP	18 38 44.1 +0.8	
KLU	comp=Z,43nm,1.7s				
HARP	HAARP	42.24 40	eP	18 38 47.2 +1.9	
HARP	comp=Z,140nm,1.8s				
DOT	Dot Lake	42.61 38	eP	18 38 47.7 -0.5	
DOT	comp=Z,4.2nm,0.8s				
BMRM	Bremner River	42.69 42	eP	18 38 49.9 +1.0	
BMRM	comp=Z,62nm,1.6s				
MENT	Menstata	42.84 39	eP	18 38 51.4 +1.2	
MENT	comp=Z,22nm,1.7s				
EGAK	Eagle	43.75 36	eP	18 38 58.4 +1.0	
EGAK	comp=Z,6.8nm,0.9s				
MK31	Makanchi Array	44.90 298	eP	18 39 07.2 +0.3	
MK31	comp=Z,2.6nm,0.5s,baz=76,slow=8.0,SNR=53				
MK31	Makanchi Array	44.90 298	eP	18 39 07.2 +0.3	
MK31	comp=Z,2.6nm,0.5s,baz=76,slow=8.0,SNR=53				
MKAR					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRVS Carvenice-Dubn, CFR Carcaliu, CFR Carcaliu, PLOR Plostinia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TX31 Lajitas Ar. Si, TXAR Lajitas Array, IP05 Hoppelville Churc, etc.

KRSC 17 18:50:59.1, 0.52:35N<159.46E, h41km<13km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUS Ruskaya, RUS RUS, MTRV Mutnovka, etc.

MAN 17 18:35:11, 11.39N<125.91E, h21km, mb4.2, ML3.0, MS2.7, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESP Borongan, BESP Palo, PLP Ormoc, etc.

ISCJUB 17 18:52:56.5, 0.7, 35.49N<140.141.06E, 0.108, h33km, mb3.47, Error ellipse: s-maj=8.9km s-min=6.2km az=178.6

JMA 17 18:52:57.0, 1.1, 35.52N<140.95E, h35km<1km, M3.3, JMA Felt J1, IDC 17 18:52:58.4, 5.9, 35.49N<140.94E, h33km<38km, mb3.3/7, mb1 3.5/10, mb1mx3.3/46, mbtmp3.5/10, ML3.4/3, MS2.5/2, Ms1 2.5, ms1mx2.4/23, Error ellipse: s-maj=30.9km s-min=17.3km az=83.0

ISC 17 18:52:57.6, 0.9, 35.459N<140.101E, 0.108, h33km, n26, s1536/24, ms3.6/7, AC<3Z, Near east coast of eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOU Chosi, KTR Katsura, JCN Nagara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waomatatini S, PKGZ Pakhiroa, PKGZ Pakhiroa, etc.

ISCJUB 17 19:36:47.6, 0.3, 42.12N<0.01<20.74E, 0.102, h1km<2km, Error ellipse: s-maj=2.5km s-min=1.9km az=44.2

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

SJA 17 18:49:35.1, 0.8, 26.41S<72.41W, h13km<20km, ML3.8, MW3.4, IDC 17 18:49:38.8, 1.5, 26.40S<71.74W, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.9/25, mbtmp3.8/5, ML4.0/1, MS3.0/3, Ms1 3.0/3, ms1mx2.8/22, Error ellipse: s-maj=46.1km s-min=38.3km az=29.0

GUC 17 18:49:42.0, 0.5, 26.87S<71.85W, h18km<19km, ML4.1, NEIC 17 18:49:43.2, 0.6, 26.36S<71.36W, h35km, mb4.9/2, Error ellipse: s-maj=19.9km s-min=19.9km az=91.0

ISC 17 18:49:39.6, 0.9, 26.87S<72.01W, h35km, n54, s2752/59, mb4.3/7, AC, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDCH Caldera, CDCH Copiap, GO03 Copiap, etc.

comp=E, 555nm, 0.4s, PB10 IPOC Station P, 3.21 28 ePn Pn, 18 50 27.3 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VCA Vinchina, PB04 IPOC Station P, AGUA GUANDACOL, etc.

comp=Z, 24nm, 0.6s, ARCO CERRO ARCO, 7.05 157 eS Sn, 18 52 24.7

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

comp=Z, 0.9nm, 0.5s, bazz=225, slow=43, ASAJ Asahikawa, 8.70 8 Pn, 18 55 00.3 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

ISCJUB 17 19:06:22.9, 0.0, 25.64S<179.50E, 0.110, h507km, mb4.1/9, Error ellipse: s-maj=11.7km s-min=5.5km az=164.9

IDC 17 19:06:25.2, 1.4, 25.57S<179.57E, h529km, 18km, mb3.7/9, mb1 3.8/9, mb1mx3.3/34, mbtmp4.6/9, Error ellipse: s-maj=27.4km s-min=14.1km az=163.0

WEL 17 19:06:28.0, 0.9, 26.51S<18.0E, 5.6, h552km<35km, ISC 17 19:06:23.9, 0.8, 25.70S<179.50E, 0.11, h507km, n60, s1965/61, mb4.1/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, GLKZ Green Lake, GLKZ Green Lake, etc.

comp=N, 173nm, 0.4s, BEY Berane, 0.99 322 P/Pg P, 19 37 07.1 -0.2

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

comp=N, 173nm, 0.4s, BEY Berane, 0.99 322 P/Pg P, 19 37 07.1 -0.2

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

comp=N, 173nm, 0.4s, BEY Berane, 0.99 322 P/Pg P, 19 37 07.1 -0.2

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

Table with columns: SELS, SELS, BIA, KOMA, KOMA, KOMA, SJES, SJES, BUM, BUM, BUM, FNA, FNA, FNA, CEME, CEME, CEME, NKY, NKY, NKY, KBN, KBN, NKME, NKME, NKME, IVAS, IVAS, IVAS, PLE, PLE, PLE, VAY, VAY, VAY, VAY, VAY, BOVS, BOVS, GRG, GRG, GRG, HCY, HCY, HCY, NEST, NEST, NEST, UPM, UPM, UPM, UPM, UPM, GRUS, GRUS, GRUS, BRY, BRY, BRY, ZAPS, ZAPS, ZAPS, TREB, TREB, TREB, TREB, TREB, KNT, KNT, KNT, KNT, VTS, VTS, VTS, VTS, VTS, BLS, BLS, BLS, ZAGS, ZAGS, ZAGS, DIVS, DIVS, DIVS, TRUS, TRUS, TRUS, STON, STON, STON, STON, STON, HAPS, HAPS, HAPS, HAPS, KUBS, KUBS, TEKS, TEKS, MDVR, MDVR, BZS, BZS, BZS, BZS, BLY, SIRR, SIRR, UDBI, UDBI, UDBI, VOIR, VOIR, VOIR, NVALJ, NVALJ, NVALJ, MLR, MLR, MLR, SOKA, SOKA, SOKA, ARSA, ARSA, ARSA, ABTA, ABTA, ABTA, MAN 17 19:40:17, 11:26N:125:98E, h1km, mb4.6, ML3.4, MS3.4, IC, Samar

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

Table with columns: MSLP, Catarman, Butuan, SOME 17 19:46:17.6, 39:17N:73:65E, h10km, KRNET 17 19:46:25.0, 40:132N:73:61E, mb3.9, NNC 17 19:46:25.7, 1.4, 39:62N:73:76E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=18.2km s-min=6.6km az=60.0, ISC 17 19:46:29.4, 2.0, 39:62N:0.09:73:55E, 0.03, h10km, n44, c254/79, 21C-27D, Tajikistan-Xinjiang border region

Table with columns: SATY, SATY, KURS, KURS, ARXS, ARXS, DJR, DJR, ISK 17 19:51:19.1, 40:16N:27:08E, h10km, MD2.6, ISK 17 19:51:20.4, 0.5, 40:19N:0.03:27:06E:0.05, h9km, Error ellipse: s-maj=5.4km s-min=3.7km az=31.8, CSEM 17 19:51:20.7, 0.2, 40:18N:27:06E, h10km, MD2.6, Error ellipse: s-maj=3.7km s-min=3.3km az=127.0, DDA 17 19:51:21.0, 40:22N:27:00E, h7km, ML2.1, ISC 17 19:51:20.4, 0.9, 40:16N:0.03:27:06E:0.03, h9km, n32, c05/37/39, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC, DZM, DZM, WRA, WRA, ASAR, ASAR, COMR, COMR, NVAR, NVAR, ILAR, ILAR, YKA, YKA, ISC 17 20:25:04.4, 1.2, 37:31N:0:05:21:03E:0:07, h30km, 20km, Error ellipse: s-maj=10.9km s-min=6.3km az=147.0, CSEM 17 20:25:04.3, 0.5, 37:32N:21:06E, h12km, ML2.5, Error ellipse: s-maj=9.0km s-min=4.9km az=58.0, ATH 17 20:25:04.3, 37:33N:21:11E, h28km, 3km, ML2.5/3, Error ellipse: s-maj=3.9km s-min=1.6km az=51.0, THE 17 20:25:05.3, 37:37N:21:10E, h16km, 1km, ML2.2/4, Error ellipse: s-maj=1.6km s-min=0.7km az=188.0, ISC 17 20:25:05.6, 1.6, 37:37N:0:04:21:13E:0:06, h22km, 12km, n29, c07/78/45, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLX Vlachokerasia, GUR Goura, DYR Agios Nikonas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 17 20:40:45, BESP Borongan, PLP Palo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 17 20:58, ASAR Alice Springs, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 17 20:58, ISCBJ 17 20:58, ISCB 17 20:58.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, YKA Yellowknife Arr, MKRAC Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 17 20:58, ISCBJ 17 20:58, NEIC 17 20:58.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCB 17 20:58, NEIC 17 20:58, ISCB 17 20:58.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USHA Ushuaia, PLCA Paso Flores, VNA1 Neumayer Olym.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H103 ASCENSION HYDR60, H102 ASCENSION HYDR60, H101 ASCENSION HYDR60.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, LSZ Lusaka, DBIC Dimbokro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Arr, TOA1 Torodi Arr, ASAR Alice Springs.

IDC 17 21:08:43.1, 2.9, 35.85N; 140:27E, h69km, 23km, mb3.3/4, mb1 3.4/6, mb1mx3.1/35, mbtmp3.6/6 Error ellipse: s-maj=23.6km s-min=20.0km az=130.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAG Nagara, JCN Ashikaga, JAG Boso 3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKRAC Makanchi Array, WRA Warramunga Arr, AKASG Malin Array Bz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 17 21:18, MEX 17 21:18, ECX 17 21:18, ISCB 17 21:18.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, CPBX Mexicali, SGL Mount Signal.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIG San Pedro Mart, SPX San Pedro Mart, TJIG Tijuana.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, SONM Songoing Array, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, INK Inuvik, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEW Newport, NEW Matsumuro Arr, H1N2 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKRAC Makanchi Array, WRA Warramunga Arr, AKASG Malin Array Bz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 17 22:09, PMG Port Moresby, PMG 12nm, 0.3s, bazz=10.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, WRA 0.1nm, 0.3s, bazz=27.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, ASAR Alice Springs, ASAR 0.9nm, 0.8s, bazz=39.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, STKA Stephens Creek, STKA 1.3nm, 0.7s, bazz=10.

IDC 17 21:21:28.3, 2.5, 7.31S; 101:42E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.6/28, mbtmp3.7/7, MS3.3/1, Ms1 3.3/1, ms1=2.6km s-maj=55.0, Southwest of Sumatera

IDC 17 22:01:08.8, 1.1, 52.31N; 172:19W, h0km, mb3.7/9, mb1 4.0/11, mb1mx3.7/51, mbtmp3.7/11, ML3.7/2, MS2.9/3, s-min=15.0km az=172.0

IDC 17 22:01:13.2, 1.0, 51.9N; 02:172:16W, h0km, mb3.5, n30, s-maj=208.2, mb3.8, MS2.9/3, Andean off Islands

IDC 17 22:03:9.0, 5.39; 22N; 0:03:28; 95E; 0:03, h5km, 5km, Error ellipse: s-maj=5.0km s-min=3.8km az=143.6

Table with columns for station call letters, station name, frequency, power, and signal strength. Includes stations like JCT Junction City, X37A Clayton, and R44A Waltonville.

P39B	Salisbury	73.39 343	P	P	23 33 03.2 +0.1
O42A	Bath	73.45 345	P	P	23 33 02.9 -0.6
N46A	Monticello	73.47 348	P	P	23 33 02.6 -1.0
R34A	Isabella, Hill	73.52 339	P	P	23 33 04.4 +0.4
QUA2	Belchertown	73.52 359	eP	P	23 33 05.5 +1.7
TUC	Tucson	73.54 326	P	P	23 33 05.4 +1.1
TUC	Tucson	73.54 326	eP	P	23 33 05.2 +0.9
TUC	comp=Z,22nm,1.4s		MLR	MLR	
TUC	comp=Z,2um,20.0s	73.54 326	eP	P	23 33 05.2 +0.9
TUC	comp=Z,22nm,1.4s		LR	LR	
O41A	Passleys Farm,	73.55 345	P	P	23 33 03.9 -0.1
BINY	Binghamton	73.55 357	eP	P	23 33 04.6 +0.5
BINY	comp=Z,83nm,1.3s		LR	LR	
N45A	Kentland	73.56 348	P	P	23 33 03.6 -0.5
Q36A	Arnold C. Orve	73.61 341	P	P	23 33 04.3 -0.2
HDIL	Hopedale	73.63 346	P	P	23 33 04.4 -0.1
HDIL	Hopedale	73.63 346	eP	P	23 33 05.1 +0.6
HDIL	comp=Z,198nm,1.7s		LR	LR	
N44A	Piper City	73.63 347	P	P	23 33 04.0 -0.5
LAZ	Ladron	73.66 330	eP	P	23 33 06.9 +1.8
Q35A	Mercer Eighty,	73.68 340	eP	P	23 33 04.8 -0.1
P38A	Dawn	73.72 343	P	P	23 33 05.2 +0.1
LIC	Lamto	73.74 72	eP	P	23 33 04.6 -1.3
HRV	Adam Dzewinski	73.75 0	eP	P	23 33 06.8 +1.6
HRV	comp=Z,453nm,0.9s		P	P	
HRV	comp=Z,73nm,1.0s		P	P	
HRV	Adam Dzewinski	73.75 0	eP	P	23 33 06.8 +1.6
O40A	La Belle	73.78 344	P	P	23 33 05.5 0.0
ANMO	Albuquerque	73.83 331	P	P	23 33 07.6 +1.4
ANMO	Albuquerque	73.83 331	eP	P	23 33 07.5 +1.4
ANMO	Albuquerque	73.83 331	eP	P	23 33 07.2 +1.1
ANMO	comp=Z,42nm,1.3s		LR	LR	
P37A	Lathrop	73.89 342	P	P	23 33 05.7 -0.4
M46A	Old House Fiel	73.90 349	P	P	23 33 05.2 -0.9
N43A	Stutzman Famil	73.97 346	P	P	23 33 06.9 +0.3
TIC	Toumouit	73.99 72	eP	P	23 33 06.1 -1.2
TRY	Troy	74.00 358	eP	P	23 33 08.7 +2.1
Q34A	Chapman	74.00 340	P	P	23 33 07.0 +0.2
M45A	Boilermakers S	74.04 348	P	P	23 33 07.1 +0.2
N42A	Yates City	74.04 346	P	P	23 33 06.9 -0.1
KIC	Kosan Boka	74.05 72	eP	P	23 33 06.5 -1.2
O39A	Kirkville	74.07 344	P	P	23 33 07.2 +0.1
KSU1	Kansas State U	74.07 340	P	P	23 33 07.1 0.0
KSU1	Kansas State U	74.07 340	eP	P	23 33 06.5 -0.6
KSU1	comp=Z,696nm,20.0s		LR	LR	
N41A	Harden Midland	74.11 345	P	P	23 33 07.2 -0.1
DBIC	Dimbokro	74.14 72	P	P	23 33 08.5 +0.4
DBIC	comp=Z,199nm,0.8s,baz=212,slow=5.3,SNR=224		P	P	
DBIC	Dimbokro	74.14 72	eP	P	23 33 08.6 +0.4
DBIC	comp=Z,220nm,0.8s		P	P	
DBIC	Dimbokro	74.14 72	eP	P	23 33 08.6 +0.4
P36A	Good Intent, A	74.16 341	P	P	23 33 07.3 -0.4
O38A	Galt	74.17 343	P	P	23 33 07.6 -0.1
M44A	Midewin, Midew	74.19 347	P	P	23 33 07.0 -0.8
MMNY	Mt. Morris Dam	74.19 355	eP	P	23 33 09.0 +1.2
214A	Organ Pipe Nat	74.24 324	P	P	23 33 09.9 +1.6
214A	Organ Pipe Nat	74.24 324	eP	P	23 33 09.7 +1.4
P35A	Duane Minner,	74.30 341	P	P	23 33 08.4 0.0
AAM	Ann Arbor	74.36 351	P	P	23 33 08.5 -0.3
AAM	Ann Arbor	74.36 351	P	P	23 33 20.0 +1.1
AAM	comp=Z,1um,22.0s		LR	LR	
O37A	Wolven Farm, M	74.38 342	P	P	23 33 08.7 -0.2
M43A	Waltham Townsh	74.41 347	P	P	23 33 08.7 -0.3
N40A	Mertquake, Sal	74.44 344	P	P	23 33 09.0 -0.2
P34A	Walnut Farm, R	74.54 340	P	P	23 33 10.4 +0.5
O36A	Bolckow	74.57 342	P	P	23 33 09.4 -0.6
M42A	Sheffield	74.59 346	P	P	23 33 09.5 -0.6
N39A	Derby Farms, D	74.65 344	P	P	23 33 10.5 0.0
ACC1	Adirondack Com	74.65 359	eP	P	23 33 11.3 +0.9
M41A	Milan	74.68 345	P	P	23 33 10.4 -0.2
FFD	Franklin Falls	74.71 0	eP	P	23 33 12.2 +1.4
N38A	Joess South Fo	74.74 343	P	P	23 33 11.2 +0.2
CBKS	Cedar Bluff	74.77 338	P	P	23 33 11.9 +0.6
CBKS	Cedar Bluff	74.77 338	eP	P	23 33 12.4 +1.1
CBKS	comp=Z,75nm,1.0s		P	P	
CBKS	Cedar Bluff	74.77 338	eP	P	23 33 12.4 +1.1
CBKS	comp=Z,75nm,1.0s		LR	LR	
M40A	Post Highland	74.92 345	P	P	23 33 11.6 -0.5
T25A	Trinidad	74.92 333	P	P	23 33 14.0 +1.5
T25A	Trinidad	74.92 333	eP	P	23 33 14.0 +1.5
L44A	Lake County Fo	74.92 348	P	P	23 33 11.6 -0.4
HNH	Hanover	74.95 360	eP	P	23 33 14.3 +2.2
O35A	Humboldt	74.95 341	P	P	23 33 11.5 -0.8
N37A	Lee Fanis, Mou	74.96 342	P	P	23 33 12.1 -0.1
MHTCO	State Highway	75.02 333	eP	P	23 33 14.8 +1.8
L43A	Garden Prairie	75.09 347	P	P	23 33 12.9 -0.1
O34A	Beatrice	75.09 340	P	P	23 33 13.2 +0.1
L42A	Oliver, Polo	75.10 346	P	P	23 33 13.0 -0.1

M39A	Webster	75.14 344	P	P	23 33 13.0 -0.3
N36A	Muff Farm, Cla	75.21 342	P	P	23 33 13.8 +0.1
NCB	Newcomb	75.25 358	eP	P	23 33 15.1 +1.2
O33A	Hebron	75.25 340	P	P	23 33 14.3 +0.3
M38A	Pleasantville	75.33 343	P	P	23 33 14.4 +0.1
L41A	Preston	75.34 346	P	P	23 33 14.3 -0.1
MAW	Mawson	75.39 164	P	P	23 33 14.8 +0.3
MAW	Mawson	75.39 164	eP	P	23 33 14.9 +0.4
MAW	comp=Z,22nm,1.0s		P	P	
MAW	Mawson	75.39 164	eP	P	23 33 14.9 +0.4
W18A	Petrified Fore	75.39 329	P	P	23 33 16.4 +1.2
W18A	Petrified Fore	75.39 329	eP	P	23 33 16.7 +1.5
N35A	Tabor	75.43 341	P	P	23 33 15.0 0.0
L40A	Anamosa	75.48 345	P	P	23 33 15.3 0.0
LBNH	Lisbon	75.48 360	eP	P	23 33 16.9 +1.7
LBNH	comp=Z,70nm,1.0s		P	P	
LBNH	Lisbon	75.48 360	eP	P	23 33 16.9 +1.7
M37A	Trindle Farm,	75.52 343	P	P	23 33 16.1 +0.6
VT1	Waterbury	75.58 359	eP	P	23 33 17.2 +1.5
X16A	Lo Mia Camp, P	75.59 327	eP	P	23 33 17.5 +1.2
N34A	Lincoln	75.65 341	P	P	23 33 16.0 -0.2
L39A	Vinton	75.71 345	P	P	23 33 16.2 -0.4
SUR	Sutherland	75.73 119	eP	P	23 33 18.7 +1.3
SUR	comp=Z,118nm,0.9s		LR	LR	
M36A	Felix, Anita	75.76 342	P	P	23 33 17.0 +0.1
K42A	Prairie Point,	75.78 347	P	P	23 33 17.2 +0.3
SCIA	State Center	75.79 344	P	P	23 33 17.1 +0.1
SCIA	State Center	75.79 344	eP	P	23 33 17.8 +0.7
SCIA	comp=Z,224nm,1.7s		LR	LR	
K41A	Shullsburg	75.81 346	P	P	23 33 17.4 +0.3
N33A	J Bar K, Exete	75.83 340	P	P	23 33 17.4 +0.1
WVL	Waterville	75.83 1	eP	P	23 33 19.3 +2.1
SDCO	Great Sand Dun	75.87 333	P	P	23 33 19.3 +1.4
SDCO	Great Sand Dun	75.87 333	eP	P	23 33 19.2 +1.2
SDCO	comp=Z,1um,19.0s		LR	LR	
LONY	Lake Ozonia	75.91 358	eP	P	23 33 18.5 +0.9
LONY	comp=Z,79nm,1.0s		LR	LR	
KSCO	Kaye Shedlock	75.92 336	P	P	23 33 19.3 +1.3
KSCO	Kaye Shedlock	75.92 336	eP	P	23 33 19.9 +1.9
L38A	Oak Wood Farm,	75.95 344	P	P	23 33 17.9 -0.1
M35A	Neola	76.01 342	P	P	23 33 18.2 -0.1
EMMW	East Machias	76.05 3	eP	P	23 33 20.5 +2.1
K40A	Colburn	76.07 345	P	P	23 33 18.6 0.0
JFWS	Jewell Farm	76.09 346	P	P	23 33 18.9 +0.2
JFWS	Jewell Farm	76.09 346	eP	P	23 33 19.5 +0.8
JFWS	comp=Z,120nm,1.3s		P	P	
JFWS	Jewell Farm	76.09 346	eP	P	23 33 19.5 +0.8
JFWS	comp=Z,124nm,1.3s		LR	LR	
FRNY	Flat Rock	76.10 359	eP	P	23 33 19.9 +1.2
GLA	Glamis	76.13 324	P	P	23 33 20.6 +1.4
GLA	Glamis	76.13 324	eP	P	23 33 21.2 +2.0
GLA	comp=Z,28nm,1.2s		P	P	
GLA	Glamis	76.13 324	eP	P	23 33 21.2 +2.0
L37A	Phoenix Point,	76.13 343	P	P	23 33 19.0 +0.1
J43A	Natural Harves	76.18 348	P	P	23 33 19.5 +0.3
K39A	Owein	76.24 345	P	P	23 33 19.3 -0.3
J42A	Columbus	76.25 347	P	P	23 33 19.6 -0.1
M34A	Aspy Farms, Fr	76.29 341	P	P	23 33 20.0 +0.1
SADO	Sadowa	76.31 355	eP	P	23 33 20.4 +0.5
L36A	Harm Buss Farm	76.33 343	P	P	23 33 20.2 +0.1
K38A	Parkersburg	76.39 344	P	P	23 33 20.3 -0.1
S22A	4JR Ranch, Cre	76.40 332	P	P	23 33 22.4 +1.4
S22A	4JR Ranch, Cre	76.40 332	eP	P	23 33 22.4 +1.4
PLVO	Plevna	76.44 356	eP	P	23 33 21.9 +1.3
IKP	In-Ko-Pah, Jac	76.46 323	P	P	23 33 22.7 +1.5
WUAZ	Wupatki	76.47 328	P	P	23 33 22.7 +1.5
WUAZ	Wupatki	76.47 328	eP	P	23 33 22.9 +1.7
WUAZ	comp=Z,40nm,1.1s		LR	LR	
J41A	Loganville	76.47 346	P	P	23 33 20.9 0.0
M33A	Taylor Creek F	76.52 341	P	P	23 33 21.3 0.0
Y12C	Blythe	76.53 324	P	P	23 33 22.6 +1.2
Y12C	Blythe	76.53 324	eP	P	23 33 23.6 +2.2
PKME	Peaks-Kenny Pk	76.54 2	eP	P	23 33 22.6 +1.5
PKME	comp=Z,72nm,1.0s		LR	LR	
SWSC	Sam W. Stewart	76.54 323	P	P	23 33 22.9 +1.4
L35A	Blowout Farm, R	76.57 342	P	P	23 33 21.7 +0.2
H43A	Langenfeld Bro	76.62 348	P	P	23 33 21.9 +0.2
MVCO	Mesa Verde	76.62 331	P	P	23 33 23.4 +1.3
MVCO	Mesa Verde	76.62 331	eP	P	23 33 23.5 +1.3
MVCO	comp=Z,2um,19.0s		LR	LR	
BGNE	Belgrade	76.65 340	P	P	23 33 22.3 +0.3
BGNE	Belgrade	76.65 340	eP	P	23 33 23.2 +1.2
J40A	Solers Grove	76.65 346	P	P	23 33 21.9 0.0
L34A	Svendsen Farm,	76.66 341	P	P	23 33 21.8 -0.2
K37A	Belmond	76.71 344	P	P	23 33 21.8 -0.4
H42A	Draeger Farm,	76.77 347	P	P	23 33 22.6 0.0
BAR	Barrett	76.78 322	eP	P	23 33 24.4 +1.5

K36A	Gilmore City	76.78 343	P	P	23 33 23.0 +0.3
PDMCI	Parker Dam,Lak	76.79 325	P	P	23 33 22.9 +0.1
J39A	Decorah	76.80 345	P	P	23 33 22.7 0.0
Q24A	Divide	76.80 334	P	P	23 33 24.6 +1.3
Q24A	Divide	76.80 334	eP	P	23 33 24.8 +1.5
MONP2	Monument Peak	76.82 323	P	P	23 33 24.5 +1.2
BC3	Big Chuckawall	76.92 324	P	P	23 33 25.2 +1.4
J38A	Wedel Dairy, R	76.96 345	P	P	23 33 23.5 -0.1
GLMI	Graying	76.97 351	P	P	23 33 23.7 0.0
GLMI	Graying	76.97 351	P	P	23 33 40.0 +1.6
GLMI	comp=Z,2um,19.0s		LR	LR	
K35A	Storm Lake	77.06 342	P	P	23 33 24.4 +0.1
L33A	Hoskins	77.09 341	P	P	23 33 24.0 -0.4
I40A	Norwalk	77.10 346	P	P	23 33 24.3 -0.2
I41A	Arkdale	77.11 347	P	P	23 33 24.3 -0.1
H43A	Windswept, Lux	77.12 348	P	P	23 33 24.5 0.0
L32A	Elgin	77.16 340	P	P	23 33 25.1 +0.3
IRM	Iron Mountain	77.17 324	P	P	23 33 26.6 +1.5
109C	Camp Elliot, M	77.17 322	P	P	23 33 26.0 +0.9
J37A	Redenius Farm,	77.20 344	P	P	23 33 25.0 0.0
K34A	Le Mars	77.26 342	P	P	23 33 25.6 +0.3
I39A	Houston	77.29 345	P	P</	

LCMT	Little Creek M	78.55 327	eP	P	23 33 34.3 +1.5
TUQ	Turquoise Moun	78.57 324	P	P	23 33 34.6 +1.6
G38A	Ridgeland	78.58 346	P	P	23 33 32.5 -0.1
F41A	Three Lakes	78.59 348	P	P	23 33 32.9 +0.2
RRX	Edison Barstow	78.67 323	P	P	23 33 34.9 +1.5
MWC	Mount Wilson	78.71 322	eP	P	23 33 35.4 +1.6
MWC	comp=Z,25nm,1.0s		pmax	pmax	
MWC	Mount Wilson	78.71 322	eP	P	23 33 35.4 +1.6
I33A	Coleman	78.71 342	P	P	23 33 33.7 +0.3
N23A	Red Feather La	78.78 334	P	P	23 33 35.5 +1.2
N23A	Red Feather La	78.78 334	eP	P	23 33 35.4 +1.2
H35A	Sunnyside Ranc	78.82 343	P	P	23 33 34.1 +0.2
SPMM	Marine on St.	78.84 345	P	P	23 33 33.8 -0.3
SPMM	Marine on St.	78.84 345	eP	P	23 33 33.8 -0.3
E43A	Lone Tree Farm	78.84 349	P	P	23 33 34.6 +0.6
I32A	Karley Land Nic	78.87 341	P	P	23 33 34.7 +0.4
DECC	Green Verdugo	78.87 322	P	P	23 33 36.1 +1.5
MTPU	Mount Pierson	78.92 328	eP	P	23 33 36.9 +1.8
F40A	Park Falls	78.95 347	P	P	23 33 34.9 +0.2
SZCU	Shurtz Canyon	78.96 328	eP	P	23 33 37.0 +1.8
PHWY	Pilot Hill	78.96 335	eP	P	23 33 36.4 +1.3
O20A	White River Ci	79.01 332	P	P	23 33 36.5 +1.1
O20A	White River Ci	79.01 332	eP	P	23 33 36.7 +1.3
H34A	Spellman Lake	79.02 343	P	P	23 33 35.3 +0.3
CCUT	Cedar City	79.05 327	eP	P	23 33 37.7 +2.0
E42A	Champion	79.05 349	P	P	23 33 35.2 +0.1
SHPR	Sheep Range	79.05 326	eP	P	23 33 37.3 +1.7
G36A	St. Michael	79.06 344	P	P	23 33 35.3 0.0
SRU	San Rafael Swe	79.08 330	eP	P	23 33 36.9 +1.1
SRU	comp=Z,33nm,1.0s		pmax	pmax	
SRU	San Rafael Swe	79.08 330	eP	P	23 33 36.9 +1.1
F39A	Loretta	79.10 346	P	P	23 33 35.7 +0.2
SHOC	Shoshone, Teco	79.11 325	P	P	23 33 36.6 +0.8
BLG	Laguna Peak, P	79.15 322	P	P	23 33 36.9 +0.8
I31A	Royce, Wessing	79.17 341	P	P	23 33 36.2 +0.3
EDW2	Edwards Air Fo	79.18 323	P	P	23 33 37.3 +1.0
G35A	Watkins	79.22 344	P	P	23 33 36.2 +0.1
E41A	Kenton	79.26 348	P	P	23 33 36.5 +0.2
F37A	Hinrichs Farm,	79.28 345	P	P	23 33 36.5 +0.1
H33A	Prehn Over Nor	79.28 342	P	P	23 33 36.9 +0.3
MSU	Marysville	79.30 329	eP	P	23 33 38.5 +1.5
MSU	Marysville	79.30 329	eP	P	23 33 38.5 +1.5
H32A	Carlson Farm,	79.30 342	P	P	23 33 36.6 0.0
OSI	Osito Audit: C	79.36 322	P	P	23 33 38.5 +1.2
OSI	Osito Audit: C	79.36 322	eP	P	23 33 39.2 +2.0
SC22	Santa Cruz Isl	79.36 321	P	P	23 33 38.5 +1.3
KOWA	Kowa	79.38 66	eP	P	23 33 38.1 +0.4
P18A	Preston Nutter	79.40 331	eP	P	23 33 39.0 +1.3
E40A	Wakefield	79.41 347	P	P	23 33 37.8 +0.6
E39A	Mellen	79.47 347	P	P	23 33 37.9 +0.4
P17A	Butcher Ranch	79.48 330	eP	P	23 33 39.3 +1.4
LRMC	Laurel Mtn Rad	79.49 323	P	P	23 33 39.3 +1.3
G34A	Benson	79.52 343	P	P	23 33 37.7 -0.1
TMUT	Trail Mountain	79.53 330	eP	P	23 33 40.0 +1.6
H31A	Wolsey	79.57 341	P	P	23 33 38.1 0.0
TSUM	Tsumeb	79.58 106	eP	P	23 33 38.5 -0.6
F36A	Milaca	79.61 345	P	P	23 33 38.1 -0.1
SUSD	Miller	79.67 341	P	P	23 33 38.6 0.0
G33A	Ortonville	79.68 342	P	P	23 33 38.6 0.0
SBC	Santa Barbara	79.75 321	P	P	23 33 38.4 -0.9
D41C	Chassel	79.77 348	P	P	23 33 39.7 +0.6
ARVC	Arvin	79.81 322	P	P	23 33 40.7 +1.1
MPMC	Manual Prospec	79.84 324	P	P	23 33 41.1 +1.1
F35A	Swanville	79.84 344	P	P	23 33 39.8 +0.3
FURC	Furnace Creek,	79.85 324	P	P	23 33 41.5 +1.8
E38A	The Farm, Brul	79.89 346	P	P	23 33 39.7 0.0
TPNV	Topopah Spring	79.93 325	P	P	23 33 42.1 +1.7
TPNV	Topopah Spring	79.93 325	eP	P	23 33 42.1 +1.7
RWWY	Rawlins	79.95 334	eP	P	23 33 41.0 +0.5
F34A	Alexandria	79.95 343	P	P	23 33 40.1 0.0
G32A	Webster	80.02 342	P	P	23 33 40.6 +0.1
E37A	Wrenshall	80.03 346	P	P	23 33 40.5 0.0
ISA	Isabella, Lake	80.04 323	P	P	23 33 42.5 +1.6
ISA	Isabella, Lake	80.04 323	eP	P	23 33 43.1 +2.2
ISA	comp=Z,32nm,1.1s		pmax	pmax	
ISA	Isabella, Lake	80.04 323	eP	P	23 33 43.1 +2.2
DAC	Darwin (Calif)	80.07 324	eP	P	23 33 42.6 +1.4
DAC	comp=Z,32nm,1.0s		pmax	pmax	
DAC	Darwin (Calif)	80.07 324	eP	P	23 33 42.6 +1.4
PSUT	Pine Spring	80.07 328	eP	P	23 33 42.8 +1.6
PKMT	Mcpheerson Peak	80.14 322	P	P	23 33 43.3 +1.7
E36A	McGregor	80.17 345	P	P	23 33 41.4 +0.1
G31A	Conde	80.18 341	P	P	23 33 41.1 -0.3
F33A	5 Mile Ranch,	80.25 343	P	P	23 33 41.4 -0.3
MPU	Maple Canyon	80.31 330	eP	P	23 33 43.9 +1.5
CWC	Cottonwood Cre	80.44 324	P	P	23 33 44.4 +1.2
NLU	North Lily Min	80.45 330	eP	P	23 33 44.6 +1.4
E35A	Pequot Lakes	80.46 344	P	P	23 33 42.9 0.0
VES	Vestal, Richgr	80.49 323	P	P	23 33 44.3 +1.1

F32A	Veblen	80.49 342	P	P	23 33 42.9 -0.1
GRAC	Grapevine Rang	80.52 324	P	P	23 33 42.6 -0.8
K22A	Casper	80.53 335	P	P	23 33 44.8 +1.3
K22A	Casper	80.53 335	eP	P	23 33 44.8 +1.3
SMMC	Simmer	80.56 322	P	P	23 33 45.5 +1.8
D37A	Cotton	80.60 346	P	P	23 33 43.9 +0.4
E34A	Wadena	80.60 344	P	P	23 33 43.7 +0.1
JLU	Jordanelle	80.72 330	eP	P	23 33 45.8 +1.1
R11A	Troy Canyon, C	80.72 326	eP	P	23 33 46.2 +1.5
R11A	Troy Canyon, C	80.72 326	eP	P	23 33 46.2 +1.5
D36A	Goodland	80.77 345	P	P	23 33 44.8 +0.3
F31A	Hecla	80.78 342	P	P	23 33 44.7 +0.2
C39A	Grand Marais	80.78 348	P	P	23 33 44.5 +0.1
D35A	Remer	80.88 345	P	P	23 33 45.1 0.0
C38A	Sawill Land,	80.90 347	P	P	23 33 45.0 -0.2
CTU	Camp Tracy	80.92 330	eP	P	23 33 47.4 +1.7
BOSA	Boshof	80.92 118	P	P	23 33 46.0 -0.1
BOSA	Boshof	80.92 118	eP	P	23 33 46.0 -0.1
BOSA	comp=Z,170nm,1.0s		pmax	pmax	
BOSA	Boshof	80.92 118	eP	P	23 33 46.0 -0.1
RCTC	Rector, Farmer	80.93 323	P	P	23 33 46.3 +0.7
RSSD	Black Hills	80.95 337	P	P	23 33 46.5 +0.7
RSSD	Black Hills	80.95 337	eP	P	23 33 46.7 +0.9
RSSD	comp=Z,33nm,1.1s		pmax	pmax	
RSSD	Black Hills	80.95 337	eP	P	23 33 46.7 +0.9
DUG	Dugway, Tooele	80.97 329	P	P	23 33 47.1 +1.2
DUG	Dugway, Tooele	80.97 329	eP	P	23 33 47.0 +1.2
DUG	comp=Z,33nm,1.1s		pmax	pmax	
DUG	Dugway, Tooele	80.97 329	eP	P	23 33 47.0 +1.2
TIN	Tinemaha, Big	80.99 324	P	P	23 33 47.6 +1.6
PAGB	Antelope Grade	81.01 322	eP	P	23 33 48.3 +2.2
C37A	Embarrass	81.09 346	P	P	23 33 46.3 +0.1
TCUT	Toone Canyon	81.13 331	eP	P	23 33 48.3 +1.4
D34A	Park Rapids	81.14 344	P	P	23 33 46.2 -0.3
E32A	Braaten, Kindr	81.14 343	P	P	23 33 46.5 0.0
EYMN	Ely	81.16 347	P	P	23 33 46.5 0.0
EYMN	Ely	81.16 347	eP	P	23 33 46.1 -0.4
EYMN	comp=Z,41nm,1.1s		LR	LR	
C36A	Pine Crest Far	81.26 346	P	P	23 33 47.1 +0.1
E31A	Nome	81.33 342	P	P	23 33 47.5 +0.1
D33A	AnnSam, Waubun	81.35 344	P	P	23 33 47.6 0.0
CMLA	Cha da Macela	81.35 35	P	P	23 34 00.0 +12
CMLA	comp=Z,2um,19.0s		LR	LR	
C35A	Jirik Farms, M	81.45 345	P	P	23 33 48.1 0.0
D32A	Dogwood Acres,	81.64 343	P	P	23 33 49.3 +0.3
BGU	Big Grassy Mou	81.66 330	eP	P	23 33 50.6 +1.0
SPUT	South Promonto	81.73 330	eP	P	23 33 50.8 +0.9
D31A	McClaffin, Tw	81.73 342	P	P	23 33 50.0 +0.4
MLAC	Mammoth, Mammo	81.74 324	P	P	23 33 51.5 +1.4
BW06	Boulder Array	81.77 333	P	P	23 33 50.3 +0.1
BW06	Boulder Array	81.77 333	eP	P	23 33 50.2 +0.1
BW06	comp=Z,28nm,1.4s		LR	LR	
PD31	Pinedale Array	81.77 333	eP	P	23 33 50.9 +0.7
PDAR	Pinedale Array	81.77 333	eP	P	23 33 50.3 +0.1
PDAR	comp=Z,6.2nm,1.0s,baz=144,slow=7.8,SNR=26		PKKPbc	PKKPbc	
PDAR	Pinedale Array	81.77 333	eP	P	23 33 50.9 +0.7
PDAR	comp=Z,1.1nm,0.8s,baz=270,slow=0.5,SNR=8.4		PKKPbc	PKKPbc	
MDPB	Devils Postpil	81.87 324	eP	P	23 33 52.5 +1.7
C33A	Trail	81.81 344	P	P	23 33 50.3 -0.2
B35A	Bob, Littlefor	82.02 345	P	P	23 33 51.1 +0.1
NV11	Mina Array Sit	82.03 325	eP	P	23 33 52.8 +1.2
NV01	Mina Array Sit	82.10 325	eP	P	23 33 52.5 +0.6
NVAR	Mina Array Bay	82.10 325	eP	P	23 33 52.9 +0.9
NVAR	comp=Z,8.4nm,0.8s,baz=153,slow=5.8,SNR=60		PKKPbc	PKKPbc	
C32A	Crookston	82.16 343	P	P	23 33 51.8 0.0
PMOZ	Porto Moniz, M	82.19 44	eP	P	23 33 54.8 +2.4
PMOZ	Porto Moniz, M	82.19 44	eP	PP	23 37 00.1 -1.3
PMOZ	Porto Moniz, M	82.19 44	eLR	LR	00 01 41.4
FUL	Funchal	82.24 44	eP	P	23 33 54.3 +1.7
HVU	Hansel Valley	82.25 330	eP	P	23 33 53.2 +0.6
HVU	comp=Z,23nm,0.9s		pmax	pmax	
HVU	Hansel Valley	82.25 330	eP	P	23 33 53.2 +0.6
PMAR	Maderia	82.28 44	eP	P	23 33 54.8 +1.8
B34A	Aery, Baudette	82.34 345	P	P	23 33 52.8 +0.1
B33A	Robert and Kas	82.35 344	P	P	23 33 52.9 +0.2
AHID	Auburn Hatcher	82.38 332	eP	LR	23 33 52.9 -0.5
C31A	Laman Farms,	82.43 343	P	P	23 33 53.4 +0.2
AGMN	Agassiz Nation	82.44 344	P	P	23 33 53.3 +0.1
AGMN	Agassiz Nation	82.44 344	eP	P	23 33 53.2 0.0
AGMN	comp=Z,46nm,1.3s		LR	LR	
KVN	Kaiserville	82.48 325	eP	P	23 33 55.0 +1.0
KVN	comp=Z,783nm,19.0s		pmax	pmax	
KVN	Kaiserville	82.48 325	eP	P	23 33 55.0 +1.0
B32A	Ashes, Strandq	82.69 344	P	P	23 33 54.6 +0.1
WAKR	Walker	82.72 324	eP	P	23 33 57.1 +1.9
REDW	Red Top Meadow	82.78 332	eP	P	23 33 55.9 +0.5
CMB	Columbia Colle	82.84 323	eP	P	23 33 56.2 +0.5
CMB	comp=Z,28nm,1.4s		pmax	pmax	
CMB	Columbia Colle	82.84 323	eP	P	23 33 56.2 +0.5
PMP5	Por Sant	82.86 44	eP	P	23 33 57.4 +1.6
TPAW	Teton Pass	82.93 332	eP	P	23 33 56.7 +0.4

A33A	Warroad	82.93 345	P	P	23 33 56.0 +0.2
MDND	Maddock	82.97 341	P	P	23 33 56.5 +0.5
MDND	Maddock	82.97 341	eP	P	23 33 56.5 +0.5
B31A	Greenbush Farm	82.99 343	P	P	23 33 56.4 +0.3
YERR	Yerington	82.99 325	eP	P	23 33 58.2 +1.6
LBTB	Lobates	83.04 115	eP	P	23 33 57.1 -0.2
LBTB	Lobates	83.04 115	eP	P	23 33 57.1 -0.2
MOWW	Moose Ponds	83.06 323	eP	P	23 33 57.2 +0.3
FXWY	Fox Creek	83.08 332	eP	P	23 33 57.5 +0.5
RDG13	Poverty Ridge	83.08 322	eP	P	23 33 59.1 +2.2
TOAO	Torodi Ar. Sit	83.12 70	eP	P	23 33 57.6 +0.1
TORD	Torodi Ar. Bea	83.12 70	eP	P	23 33 57.7 +0.1
TORD	comp=Z,126nm,0.9s,baz=247,slow=4.5,SNR=45		pP	pP	
TORD	Torodi Ar. Bea	83.12 70			

17d 23h

Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes entries like Vila Bispo, Lusaka, Marneite, etc.

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Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes entries like Bardonecchia, Eskdalemuir, Callabellotta, etc.

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Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes entries like UZH, HUMR, KWP, VOIR, etc.

PMG	Port Moresby	124.82	229	ePKP	Pdf	LR	23 40 32.2	+0.4
PMG	comp=Z,1um,20.0s							
LVZ	Lovozero	125.00	26	iPKIKP	Pmax	LR	23 40 31.7	+1.2
LVZ	comp=Z,36nm,1.7s							
LVZ	Lovozero	125.00	26	PF	FAKE	LR	23 40 40.0	+9.5
LVZ	comp=Z,857nm,20.0s							
OBN	Obninsk	125.48	42	ePKP	Pdf	LR	23 40 31.3	-0.4
OBN	comp=Z,22nm,1.0s,baz=221,slow=3.0,SNR=15							
OBN	Obninsk	125.48	42	ePKIKP	Pmax	LR	23 40 31.2	-0.5
OBN	e						23 42 24.1	
OBN	ePS						23 47 30.7	
OBN	eSS						23 52 17.6	-7.2
OBN	eSSS						23 59 18.9	-1.2
OBN	eSSS							
OBN	comp=Z,68nm,1.2s							
OBN	Obninsk	125.48	42	ePKP	Pdf	LR	23 40 31.6	-0.1
OBN	comp=Z,2um,20.0s							
SOC	Sochi	125.77	56	iPKIKP	Pmax	LR	23 40 32.3	-0.4
SOC	ePS						23 45 10.7	
SOC	eSS						23 52 30.8	+3.0
SOC	eSSS						23 59 28.8	+4.3
SOC	eSSS						00 04 07.4	
SOC	MLR							
H11S2	WAKE ISLAND Hy26.07 271					T	01 59 28.4	
H11S1	WAKE ISLAND Hy26.08 271					T	01 59 29.4	
H11S3	WAKE ISLAND Hy26.09 271					T	01 59 29.8	
MOS	Moscow	126.13	41	ePKIKP	Pmax	LR	23 40 30.5	-2.5
MOS	comp=Z,61nm,1.2s						23 42 35.8	
MOS	MLR							
MOS	comp=N,600nm,21.0s							
MOS	MLR							
MOS	comp=E,900nm,21.0s							
MOS	MLR							
MWBA	Marble Bar	126.41	193	ePKP	Pdf	LR	23 40 34.0	-0.7
MWBA	comp=Z,841nm,19.0s							
H1N3	WAKE ISLAND Hy26.42 272					T	01 59 51.9	
H1N1	WAKE ISLAND Hy26.44 272					T	01 59 46.4	
H1N2	WAKE ISLAND Hy26.44 272					T	01 59 53.3	
TMCR	Tamitsa	126.51	31	ePKIKP	Pmax	LR	23 40 33.6	+0.2
VSR	Storozhevo	126.62	47	ePKIKP	Pmax	LR	23 40 33.2	-0.9
LPSR	Galich'ya Gora	126.62	45	ePKIKP	Pmax	LR	23 40 34.0	0.0
KLMR	Klimovskoe	127.29	35	ePKIKP	Pmax	LR	23 40 32.0	-3.0
KLMR	comp=Z,85nm,1.3s						23 42 32.9	
KLMR	Klimovskoe	127.29	35	ePKP	Pdf	LR	23 40 32.0	-3.0
KLMR	comp=Z,85nm,1.3s						23 40 37.1	
KLMR	ePP						23 42 33.0	-2.3
KLMR	LQ						00 27 29.0	
KLMR	LQ						00 27 29.0	
KLMR	LQ						00 32 59.2	
KEY	Neytrino	127.86	57	iPKIKP	Pmax	LR	23 40 37.7	+0.7
KIV	Kislovodsk	127.95	57	iPKIKP	Pmax	LR	23 40 37.3	+0.3
KIV	ePS						23 42 38.0	
KIV	eSS						23 52 46.5	-0.7
KIV	comp=Z,27nm,1.1s							
KIV	Kislovodsk	127.95	57	ePKP	Pdf	LR	23 40 36.8	-0.2
KIV	comp=Z,604nm,20.0s							
KIV	Kislovodsk	127.95	57	iP	Pmax	LR	23 40 37.1	+0.1
KVAR	Kislovodsk Arr	127.96	57	ePKP	Pmax	LR	23 40 36.9	-0.1
KVAR	comp=Z,25nm,1.1s,baz=284,slow=3.6,SNR=7.9							
KBZ	Khabaz	128.06	57	ePKP	Pmax	LR	23 40 36.7	-0.3
AKH	Akhakalaki	128.07	60	iP	Pmax	LR	23 40 37.9	+0.5
VRH	Novokhoporsky	128.22	47	ePKIKP	Pmax	LR	23 40 36.6	-0.5
VRH	comp=Z,20nm,1.1s							
NCK	Natchik	128.53	57	iPKIKP	Pmax	LR	23 40 38.4	+0.4
ZEI	Tsey	128.63	58	iPKIKP	Pmax	LR	23 40 37.6	-0.9
GNI	Garni	128.76	62	ePKP	Pdf	LR	23 40 39.2	+0.4
GNI	comp=Z,16nm,1.0s,baz=184,slow=3.6,SNR=7.9							
GNI	Garni	128.76	62	ePKIKP	Pmax	LR	23 40 39.8	+1.0
GNI	comp=Z,77nm,1.7s							
GNI	Garni	128.76	62	ePKP	Pdf	LR	23 40 37.9	-0.9
GNI	comp=Z,1um,21.0s							
GNI	Garni	128.76	62	ePKP	Pdf	LR	23 40 40.1	+1.3
BILL	Bilibino	130.81	335	ePKIKP	Pmax	LR	23 40 42.5	+0.9
BILL	eSS						23 43 09.6	
BILL	eSSS						00 00 22.2	-3.1
BILL	eSSS							
MAK	Makhachkala	131.27	59	iPKIKP	Pmax	LR	23 40 43.3	+0.1
ALNE	Al Ain	133.28	86	iP	Pmax	LR	23 40 47.9	+0.3
NAZ	Nazwa, Dubai	133.54	84	ePKP	Pmax	LR	23 40 47.0	-1.0
NAZ	Nazwa, Dubai	133.54	84	ePKP	Pmax	LR	23 40 47.0	-1.0
HATO	Hatta, Dubai	133.88	85	ePKP	Pmax	LR	23 40 47.6	-1.1
SOHO	SOHO	133.97	86	iP	Pmax	LR	23 40 48.5	-0.4
UOSS	Minazif	133.98	85	ePKP	Pmax	LR	23 40 47.6	-1.2
SHME	Shamm	134.31	83	iP	Pmax	LR	23 40 49.5	0.0
WSAR	Wadi Sarin	135.43	88	ePKP	Pmax	LR	23 40 52.2	+0.5
WSAR	comp=Z,28nm,0.8s,baz=239,slow=4.1,SNR=16							
WSAR	Wadi Sarin	135.43	88	ePKP	Pmax	LR	23 40 51.3	-0.3
SOEI	Soe	136.13	203	ePKP	Pmax	LR	23 40 51.4	-2.0
SOEI	Soe	136.13	203	ePKP	Pmax	LR	23 40 51.7	-1.8
ARU	Arti	137.72	39	ePKIKP	Pmax	LR	23 40 47.1	
ARU	comp=Z,4.5nm,0.9s,baz=45,slow=5.8,SNR=4.7							
ARU	Arti	137.72	39	iPKIKP	Pmax	LR	23 40 55.1	+0.2
ARU	comp=Z,28nm,1.1s,baz=281,slow=2.4,SNR=26							
ARU	Arti	137.72	39	ePKIKP	Pmax	LR	23 40 53.3	+0.5
ARU	comp=Z,2um,24.0s							
ARU	Arti	137.72	39	ePKP	Pmax	LR	23 40 45.8	
ARU	comp=Z,1um,22.0s							
MMRI	Maumere	137.83	201	ePKP	Pmax	LR	23 40 56.0	-0.4
SEY	Seymchan	138.19	332	ePKIKP	Pmax	LR	23 40 56.7	+1.4
PET	Petropavlovsk	138.12	316	PF	FAKE	LR	23 41 10.0	+1.4
TIXI	Tiksi	138.39	350	ePKIKP	Pmax	LR	23 40 55.6	0.0
TIXI	Tiksi	138.39	350	ePKP	Pmax	LR	23 40 55.5	-0.2
AKTO	Aktyubinsk	138.55	48	ePKIKP	Pmax	LR	23 40 49.2	
PETK	Petropavlovsk	138.67	316	ePKP	Pmax	LR	23 40 58.1	+1.4
PETK	Petropavlovsk	138.67	316	ePKIKP	Pmax	LR	23 40 58.1	+1.4
PETK	comp=Z,4.0nm,0.9s							
GEYT	Alibeck	138.69	67	ePKP	Pmax	LR	23 40 56.4	-0.9
GEYT	comp=Z,11nm,0.8s,baz=280,slow=2.6,SNR=18							
GEYT	PP						23 43 45.9	-3.2
GEYT	comp=Z,4.1nm,0.9s,baz=304,slow=3.4,SNR=4.0							

SVE	Sverdlovsk	138.72	38	ePKIKP	Pmax	LR	23 40 57.5	+0.8
PLAI	Plamg	138.79	194	ePKP	Pmax	LR	23 40 57.4	-0.8
FAKI	Fak Fak	138.81	218	ePKP	Pmax	LR	23 40 58.3	+0.1
FAKI	Fak Fak	138.81	218	ePKP	Pmax	LR	23 40 58.5	+0.3
JAGI	Jajag, Banyuwa	139.76	189	ePKP	Pmax	LR	23 40 58.1	-1.9
JAGI	Jajag, Banyuwa	139.76	189	ePKP	Pmax	LR	23 40 59.2	-0.8
ABKAR	Abkuakl	139.94	50	ePKP	Pmax	LR	23 40 50.4	-0.9
MA2	Magadan	140.29	327	iPKIKP	Pmax	LR	23 41 01.8	+2.3
CNJ	Cibinong	141.29	178	ePKP	Pmax	LR	23 41 02.1	-0.6
KAPI	Kappang	141.99	199	ePKP	Pmax	LR	23 40 58.8	
KAPI	comp=Z,494nm,20.0s							
TRD	Trivandrum	142.88	121	ePKP	Pmax	LR	23 41 03.0	-2.5
TNTI	Ternate	144.43	214	ePKP	Pmax	LR	23 41 04.8	-1.6
PALK	Pallekele	144.65	127	ePKP	Pmax	LR	23 41 07.4	+0.1
PALK	Pallekele	144.65	127	ePKIKP	Pmax	LR	23 41 07.7	+0.2
PALK	Pallekele	144.65	127	ePKP	Pmax	LR	23 41 07.1	-0.3
PALK	Pallekele	144.65	127	iP	Pmax	LR	23 41 07.4	+0.1
GOA	Goa	144.73	109	eP	AMS	AMS	00 34 55.5	
LUWI	Luwuk	144.75	206	ePKP	Pmax	LR	23 41 08.2	+0.4
BHJ	Bhuj	144.84	94	eP	AMS	AMS	00 31 30.6	
BRVK	Borovyoye	145.23	41	ePKIKP	Pmax	LR	23 41 09.2	+0.8
BRVK	comp=Z,697nm,20.0s							
BRVK	Borovyoye	145.23	41	ePKP	Pmax	LR	23 41 09.2	+0.8
BRVK	comp=Z,697nm,20.0s							
BRVK	Borovyoye	145.23	41	ePKP	Pmax	LR	23 41 09.3	+0.8
BVAR	Borovyoye Array	145.30	41	ePKP	Pmax	LR	23 41 09.4	+0.8
POO	Poona	146.32	104	eP	AMS	AMS	00 37 57.4	
KUR	Kuril'sk	146.50	305	ePKP	Pmax	LR	23 41 19.6	+6.3
YAK	Yakutsk	146.57	342	ePKP	Pmax	LR	23 41 11.2	-0.7
YAK	comp=Z,23nm,0.4s							
YAK	Yakutsk	146.57	342	ePKP	Pmax	LR	23 44 41.8	
YAK	eSS						00 03 31.7	+1.0
YAK	comp=Z,263nm,0.9s							
YAK	comp=N,23nm,1.1s							
YAK	comp=E,28nm,1.3s							
YAK	comp=Z,278nm,4.1s							
YAK	comp=N,134nm,4.3s							
YAK	comp=E,165nm,4.3s							
YAK	Yakutsk	146.57	342	ePKP	Pmax	LR	23 41 11.7	-0.2
URV	Urvakonda	147.16	113	ePKP	Pmax	LR	23 41 12.9	0.0
URV	comp=Z,588nm,21.0s							
BRLS	Borolday	147.61	58	ePKP	Pmax	LR	23 41 12.9	0.0
IUG	Iuzhnyy	147.86	60	ePKP	Pmax	LR	23 41 13.5	+0.2
IUG	comp=Z,217nm,21.4s							
KK31	Karatay Array	148.09	58	ePKP	Pmax	LR	23 41 17.4	+0.6
KK31	comp=Z,76nm,0.9s							
KKAR	Karatay Array	148.09	58	ePKIKP	Pmax	LR	23 41 14.3	+0.7
KKAR	Karatay Array	148.09	58	ePKP	Pmax	LR	23 41 16.9	
KKAR	Karatay Array	148.09	58	ePKP	Pmax	LR	23 41 14.3	+0.7
KKAR	Karatay Array	148.09	58	ePKP	Pmax	LR	23 41 16.9	+0.1
BKNI	Bangkinang	148.14	166	ePKP	Pmax	LR	23 41 16.5	-1.2
GSI	Gumungstoli	148.20	159	ePKP	Pmax	LR	23 41 18.1	+0.2
NK	Nikolayevsk	148.25	322	ePKP	Pmax	LR	23 41 16.0	-0.8
MDRS	Chennai	148.30	119	eP	AMS	AMS	00 31 14.4	-0.3
SKHT	Srikalahasti	148.32	118	ePKP	Pmax	LR	23 41 15.5	+0.8
SKHT	Srikalahasti	148.32	118	ePKP	Pmax	LR	23 41 16.0	+0.5
SKHT	Srikalahasti	148.32	118	ePKP	Pmax	LR	23 51 32.7	-3.8
KLRI	Killari	148.35	108	ePKP	Pmax	LR	23 41 14.7	0.0
KLRI	Killari	148.35	108	ePKP	Pmax	LR	23 41 17.1	-1.1
KLRI	Killari	148.35						

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TLY Talaya, PKIN Phulchoki, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GTA Gaotai, HHC Hu-ho-hao-te, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LMEI Las Melosas, PLCA Paso Flores, and many others.

ISCJB 17 23:23.23.4.0.9.31.735:0.03:71.90W:0.09,h60km,7km,mb5.3/39,Error ellipse: s-maj=13.5km s-min=5.1km az=172.0

GCMT 17 23:23.23.0.0.3.1.865:71.96W,h39km,MW5.6/80, Moment Tensor Solution. s18,c20; S08,c102; Duration: 1:5 Moment tensor: Scale 10^17Nm; M3.66±.12; Mw=1.24±.07; Mw=2.42±.07; Mo=0.01±.04; Mo=0.12±.04; Mo=0.52±.04; Best double couple: M3.09000x10^17 Np1=185.00000; s50.00000; 1.89.00000. NFP: 67.00000; 340.00000; 1.91.00000. Principal axes: T 3.7040, Plg85.0000; Azm88.0000; N -1.2280, Plg1.0000; Azm186.0000; P -2.4760, Plg5.0000, Azm276.0000; nstai refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. GUC 17 23:23.23.0.0.6.31.735:71.62W,h34km,3km,ML5.8 NEIC 17 23:23.23.0.0.0.31.735:71.62W,h34km,mb5.3/34, ML5.8(GUC), After GUC. IDC 17 23:23.23.9.0.9.31.735:71.68W,h40km,7km,mb5.1/6, mb1.5/2.7,mb1mx4.6/33,mbmt5.3/7,ML5.1/1,MSS.1/3, Ms1.5/2.3,ms1mx4.4/20,Error ellipse: s-maj=33.8km s-min=20.0km az=62.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ROCH El Roble, PEL Peidehue, and many others.

IDC 17 23:25:56.3.0.7.31.705:71.72W,h0km,mb5.0/7, mb1.5/2.8,mb1mx4.6/34,mbmt5.1/8,ML5.1/1,Error ellipse: s-maj=33.9km s-min=20.0km az=79.0 ISCJB 17 23:26:01.0.0.31.725:0.03:71.9W:0.1,h56km,8km,mb5.0/27,Error ellipse: s-maj=15.0km s-min=5.0km az=173.1 GUC 17 23:26:01.5.0.6.31.725:71.70W,h38km,9km,ML4.9 NEIC 17 23:26:01.0.0.31.725:71.70W,h38km,mb4.9/19, ML4.9(GUC), After GUC. ISC 17 23:26:03.9.1.4.31.695:0.04:71.7W:0.1,h56km,11km,n73,r=123/75,mb5.0/27,4C-3D,Near coast of central Chile

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, S, SS, S, 01 33 53.1 +1.2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, WMQ, WMO, WMO, WMO, 55.99 343 eP, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KK31, KKAR, KKAR, 66.78 318 P, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CLDR, Caldiran, AGRB, Hanur-Agry, etc.

SJA 18 02:10:10.8s.4, 31.62Sx71.95W, h10km, ML3.6, MW3.7
GUC 18 02:10:12.5s.0.4, 31.68Sx71.77W, h20km, ML3.7
ISC 18 02:10:09.5s.2.2, 31.74Sx70.04W, h17km, 17km, n12, r1915/22, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PEL, Tololo Observa, G004, Tololo Astrono, etc.

IDC 18 02:48:40.1s.3.8, 21.90N:125.54E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/4, mbtpm3.4/3, Error ellipse: s-maj=307.5km s-min=28.7km az=65.0

ISCJB 18 02:48:42.0s.1.5, 11.21N:0.05E, 126.13E:0.07, h22km, 10km, mb3.5/3, Error ellipse: s-maj=12.8km s-min=7.6km az=159.3

MAN 18 02:48:43.11s.10N:125.99E, h16km, mb4.4, ML3.2, MS3.0
ISC 18 02:48:40.8s.2.2, 11.20N:0.05E, 126.05E:0.08, h9km, 13km, n12, r139/20, mb3.5/3, 1C-1D, Philippine Islands region

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

NIED 18 03:10:00.37:20N:140.70E, h5km, Mw3.9 Best double couple: M=9.23000e+10, NP1=344.00000, 839.00000, lambda=138.00000, NP2=219.00000, 865.00000, lambda=59.00000

ISCJB 18 03:10:02.6s.0.8, 37.14N:0.03:140.74E:0.03, h15km, 5km, M1.5/32, MS3.4/1, Error ellipse: s-maj=4.9km s-min=4.1km az=153.0

JMA 18 03:10:03.0:37:18N:140.72E, h7km, 1km, M4.2 Broadband fault plane solution: P waves. NP1: 353.00000, 853.00000, lambda=125.00000, NP2: 220.00000, 849.00000, lambda=53.00000, Principal axes: T P1g2.00000, Azm105.00000, N P1g2.00000, Azm14.00000, P P1g3.00000, Azm199.00000

NEIC Felt III, J. JMA 18 03:10:04.3s.4.3, 37.08N:140.72E, h21km, 32km, mb4.6/11 Error ellipse: s-maj=17.9km s-min=10.2km az=131.0

NEIC Recorded [3 JMA] in Fukushima. IDC 18 03:10:10.8s.2.5, 37.11N:140.37E, h65km, 23km, mb3.7/16, mb1 3.9/17, mb1mx3.7/54, mbtpm4.0/17, MS3.2/2, Ms1 3.2/2, ms1mx2.6/33, Error ellipse: s-maj=19.5km s-min=14.8km az=104.0

ISC 18 03:10:01.0:1.3:37.11N:140.60E:0.03, h0km, 8km, n67, r1548/70, mb4.4/32, 3C-2D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ONAJ, Iwakimizuishi, JFK, Kawauchi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JNT, Nakatsue, JNU, Nakatsue, USKR, Ussuriysk Arr, etc.

IDC 18 03:11:49.0:1.9:0.94N:126.80E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.5/46, mbtpm3.9/3, Error ellipse: s-maj=169.7km s-min=23.2km az=66.0, Northern Molouca Sea

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

IDC 18 03:17:45.6:10.0, 13:24S:166:21E, h286km, 122km, mb3.1/4, mb1 3.3/5, mb1mx3.0/32, mbtpm3.7/5, Error ellipse: s-maj=97.0km s-min=29.6km az=160.0, Vanuatu Islands

IDC 18 03:16:00.37:50N:142.80E, h11km, Mw3.4 Best double couple: M=1.58000e+10, NP1=351.00000, 845.00000, lambda=137.00000, NP2=115.00000, 861.00000, lambda=54.00000

JMA 18 03:16:21.7s.0.2, 37.54N:142.85E, h38km, MB3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JIO, Otaira, JFM, Marumori, etc.

IDC 18 03:17:08.6:1.4, 31.68Sx71.86W, h0km, mb4.3/4, mb1 4.1/7, mb1mx3.9/29, mbtpm4.0/7, ML3.9/3, MS3.3/4, Ms1 3.3/4, ms1mx2.9/26, Error ellipse: s-maj=44.3km s-min=26.9km az=110.0

GUC 18 03:17:13.0s.0.5, 31.65Sx71.58W, h45km, 13km, ML4.3 NEIC 18 03:17:13.0s.0.0, 31.64Sx71.68W, h65km, mb4.7/4, ML4.3(GUC), After GUC.

NEIC Felt III at Canela and Villa Alemana. SJA 18 03:17:20.7s.1.0, 31.58Sx71.38W, h60km, ML4.2, MW4.5

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like G004, Tololo Astrono, TLL, Tololo Astrono, etc.

IDC 18 03:17:45.6:10.0, 13:24S:166:21E, h286km, 122km, mb3.1/4, mb1 3.3/5, mb1mx3.0/32, mbtpm3.7/5, Error ellipse: s-maj=97.0km s-min=29.6km az=160.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like DZM, Mont Dzumak, WRA, Warramunga Arr, etc.

MAN 18 03:36:33, 11:43N:126:17E, h33km, mb4.2, ML3.1, MS2.8, 1C, Philippine Islands region

IDC 18 03:38:51.1s.1.9, 36:91N:140:81E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/39, mbtpm3.5/4, ML3.5/1, Error ellipse: s-maj=38.7km s-min=24.0km az=55.0

ISCJB 18 03:38:53.0s.0.8, 36:86N:140:76E:0.07, h21km, 7km, mb3.5/3, Error ellipse: s-maj=9.9km s-min=5.9km az=24.3

JMA 18 03:38:53.5s.36:87N:140:65E, h6km, 1km, M3.4 Broadband fault plane solution: P waves. NP1: 413.00000, 861.00000, lambda=90.00000, NP2=193.00000, 829.00000, lambda=90.00000, Principal axes: T P1g16.00000, Azm103.00000, N P1g0.00000, Azm13.00000, P P1g74.00000, Azm283.00000

ISC Felt III, JMA 18 03:38:53.6:1.1, 36:88N:140:66E:0.07, h13km, 9km, n17, r1055/18, mb3.5/3, 2C, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ONAJ, JFK, JST, etc.

ISCJB 18 03:55:02.8,0.2,55.15N,0.02:165.30W,0.03, h199km,1km,mb4.2/108,Error ellipse: s-maj=4.0km s-min=2.8km az=172.6

NEIC 18 03:55:03.9,0.0,54.96N,165.11W,h208km,mb4.3/52, ML4.0(AEIC),After AEIC.

MOS 18 03:55:03.5,0.0,55.26N,165.37W,h201km,mb4.4/35, Error ellipse: s-maj=11.5km s-min=6.2km az=88.9

IDC 18 03:55:04.4,1.4,55.24N,165.42W,h196km,12km, mb3.9/29,mb1.4,1/30,mb1mx3.9/51,mb1mp4.4/30,Error ellipse: s-maj=14.9km s-min=7.0km az=7.0

ISC 18 03:55:03.7,0.5,55.20N,166.165:26W,0.04, h192km,4km,ns88,e123/620,mb4.3/111,22C-9D,Fox Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like WTUG, WESP, SSNL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like EGAK, HYT, DAWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ULM, PV10, B31A, etc.

L34A	Svendsen Farm, baz=310	45.58	77	P	P	04 03 04.4 +0.2
K35A	Storm Lake, baz=311,SNR=9.2	45.72	75	P	P	04 03 05.3 0.0
M34A	Aspy Farms, Fr baz=312	45.78	76	P	P	04 03 06.1 +0.3
H37A	Dierke Farm, C baz=310	45.78	72	P	P	04 03 06.2 +0.5
J36A	Seneca 1, Swea baz=311,SNR=5.3	45.82	74	P	P	04 03 06.0 0.0
I37A	Lemond, Waseca baz=310,SNR=6.1	45.88	73	P	P	04 03 07.0 +0.5
L35A	Bielow Farm, R baz=311	45.95	76	P	P	04 03 06.9 -0.2
G38A	Ridgeland, baz=312	45.98	71	P	P	04 03 07.2 -0.1
F39A	Loretta, baz=310	46.00	69	P	P	04 03 08.0 +0.5
H38A	Maiden Rock, baz=310	46.07	71	P	P	04 03 08.6 +0.7
O33A	Hebron, baz=312	46.17	80	P	P	04 03 08.9 +0.1
E40A	Wakefield, baz=310	46.21	68	P	P	04 03 10.1 +1.1
K36A	Gilmore City, baz=312	46.21	75	P	P	04 03 09.6 +0.5
J37A	Redenius Farm, baz=311,SNR=6.2	46.26	74	P	P	04 03 09.7 +0.2
N34A	Lincoln, baz=312	46.27	78	P	P	04 03 09.8 +0.2
G39A	Holcombe, baz=310	46.27	70	P	P	04 03 09.6 0.0
M35A	Neola, baz=312,SNR=5.1	46.30	77	P	P	04 03 10.2 +0.4
F40A	Park Falls, baz=310	46.43	69	P	P	04 03 11.0 +0.2
I38A	Scanlan Farm, baz=311	46.45	72	P	P	04 03 11.3 +0.3
K37A	Belmond, baz=311,SNR=7.9	46.57	74	P	P	04 03 11.9 -0.1
O34A	Beatrice, baz=312	46.60	79	P	P	04 03 13.0 +0.8
DAG	Danmarks Havn, comp=Z,19nm,0.7s	46.60	10	iP	P	04 03 12.3 +0.6
DAG	Danmarks Havn, comp=Z,28nm,0.7s	46.60	10	iP	P	04 03 12.3 +0.6
H39A	Augusta, baz=310	46.60	71	P	P	04 03 12.4 +0.3
E41A	Kenton, baz=310	46.69	67	P	P	04 03 13.0 +0.3
N35A	Tabor, baz=312,SNR=9.7	46.73	78	P	P	04 03 13.9 +0.7
M36A	Felix, Anita, baz=312	46.80	76	P	P	04 03 14.0 +0.3
G40A	Rib Lake, baz=310	46.80	69	P	P	04 03 13.9 +0.2
J38A	Wedel Dairy, R baz=311	46.85	73	P	P	04 03 14.4 +0.3
L37A	Phoenix Point, baz=312	46.94	75	P	P	04 03 14.8 +0.1
I39A	Houston, baz=311,SNR=8.6	47.02	72	P	P	04 03 15.4 +0.1
F41A	Three Lakes, baz=310	47.09	68	P	P	04 03 16.1 +0.3
N36A	Muff Farm, Cla baz=312	47.15	77	P	P	04 03 16.8 +0.4
M37A	Trindle Farm, baz=312,SNR=5.5	47.25	76	P	P	04 03 17.6 +0.4
J39A	Decorah, baz=311,SNR=5.1	47.26	72	P	P	04 03 16.9 -0.3
E42A	Champion, baz=310	47.27	67	P	P	04 03 17.5 +0.2
G43A	Chapman, baz=313	47.32	80	P	P	04 03 18.6 +0.8
SUMG	Summit, comp=Z,45nm,0.6s	47.33	19	iP	P	04 03 19.0 +1.2
SUMG	Summit, comp=Z,45nm,0.6s	47.33	19	iP	P	04 03 19.0 +1.2
SUMG	Summit, comp=Z,47nm,0.6s	47.33	19	eP	P	04 03 18.9 +1.0
L38A	Oak Wood Farm, baz=312	47.37	74	P	P	04 03 18.3 +0.3
SCIA	State Center, baz=312	47.38	75	P	P	04 03 18.5 +0.4
P35A	Duane Minner, baz=313	47.43	79	P	P	04 03 18.7 +0.1
AMTX	Amarillo, baz=315	47.45	88	P	P	04 03 19.7 +0.8
I40A	Norwalk, baz=311	47.48	71	P	P	04 03 19.1 +0.1
MSTX	Mulshoe, baz=316	47.48	90	P	P	04 03 20.1 +0.9
KSR5	Korea Array, comp=Z,3.5nm,0.7s,baz=45,slow=7.2,SNR=12	47.49	277	P	P	04 03 18.6 -0.4
KSAR	Wonju Array B, baz=312	47.52	277	P	P	04 03 18.6 -0.7
KSAR	Wonju Array Be, baz=312	47.52	277	P	P	04 03 18.6 -0.7
K39A	Delwein, baz=312	47.58	73	P	P	04 03 19.2 -0.5
R34A	Isabella, Hill, baz=314	47.58	81	P	P	04 03 20.2 +0.5
F42A	Maple Grove Fa, baz=310	47.59	68	P	P	04 03 20.2 +0.5
N37A	Lee Faris, Mou, baz=312,SNR=12	47.60	77	P	P	04 03 20.5 +0.6
O36A	Bolckow, baz=313	47.61	78	P	P	04 03 20.2 +0.3
MNTX	Cornudas Mount, baz=318,SNR=6.1	47.65	94	P	P	04 03 21.9 +1.5
MNTX	Cornudas Mount, comp=Z,3.5nm,0.7s	47.65	94	eP	P	04 03 22.0 +1.6
M38A	Pleasantville, baz=312	47.72	75	P	P	04 03 20.9 +0.1
J40A	Soldiers Grove, baz=312	47.74	72	P	P	04 03 21.1 +0.1
G42A	Mountain, baz=311	47.77	68	P	P	04 03 21.2 +0.1
I41A	Arkdale, baz=311	47.78	70	P	P	04 03 21.4 +0.3
E43A	Lone Tree Farm, baz=310	47.78	66	P	P	04 03 21.5 +0.3
P36A	Good Intent, A, baz=313	47.82	78	P	P	04 03 21.7 +0.1
Q35A	Mercer Eighty, baz=314	47.88	80	P	P	04 03 22.1 +0.1
L39A	Vinton, baz=312	47.91	74	P	P	04 03 22.0 -0.2
U32A	Winter Ranch, baz=315	47.92	84	P	P	04 03 22.7 +0.3
K40A	Colesburg, baz=312	47.99	73	P	P	04 03 22.4 -0.5
O37A	Wolven Farm, M, baz=313,SNR=5.3	48.04	77	P	P	04 03 23.4 +0.2
S34A	Willow Spring, baz=314	48.07	82	P	P	04 03 23.9 +0.3
J41A	Loganville, baz=312	48.16	71	P	P	04 03 23.9 -0.2
M39A	Webster, baz=312,SNR=9.1	48.25	75	P	P	04 03 24.8 0.0
P37A	Lathrop, baz=313	48.32	78	P	P	04 03 25.2 -0.2
JFWS	Jewell Farm, baz=312	48.33	72	P	P	04 03 24.9 -0.5
L40A	Anamosa, baz=312	48.37	73	P	P	04 03 25.7 -0.1
I42A	Draeger Farm, baz=315	48.40	70	P	P	04 03 26.0 +0.1
O38A	Galt, baz=313	48.45	77	P	P	04 03 26.1 -0.2
N39A	Derby Farms, D, baz=313,SNR=8.1	48.47	75	P	P	04 03 26.4 -0.1
T34A	McCleaskey Farm, baz=314	48.50	82	P	P	04 03 26.9 0.0
K41A	Shullsburg, baz=312	48.51	72	P	P	04 03 26.5 -0.3
S35A	Otter Creek Ra, baz=314	48.53	81	P	P	04 03 27.3 +0.2
R36A	Gordon, Harris, baz=314	48.55	80	P	P	04 03 27.7 +0.5
M40A	Post Highland, baz=313	48.66	74	P	P	04 03 27.5 -0.4
J42A	Columbus, baz=312	48.67	71	P	P	04 03 28.5 +0.5
SFJD	Kangerlussuaq, comp=Z,11nm,0.8s	48.74	28	iP	P	04 03 28.4 +0.2

SFJD	Kangerlussuaq, comp=Z,11nm,0.8s	48.74	28	iP	P	04 03 28.4 +0.2
P38A	Dawn, baz=313,SNR=8.4	48.76	77	P	P	04 03 28.7 0.0
L41A	Preon, baz=312	48.76	73	P	P	04 03 28.4 -0.3
I43A	Langenfeld Bro, baz=312	48.82	69	P	P	04 03 29.6 +0.4
O39A	Kirksville, baz=312	48.87	76	P	P	04 03 29.5 -0.1
K42A	Prairie Point, baz=312	48.92	71	P	P	04 03 29.5 -0.4
S36A	Lake Cedric, C, baz=310	48.92	81	P	P	04 03 29.8 -0.1
T35A	Sooner Cattle, baz=315	48.96	82	P	P	04 03 30.8 +0.5
N40A	Mertquake, Sal, baz=313,SNR=5.5	48.98	75	P	P	04 03 30.1 -0.2
J43A	Natural Stores, C, baz=312	49.01	70	P	P	04 03 30.7 +0.1
Q38A	Cooks Store, C, baz=314,SNR=6.4	49.17	78	P	P	04 03 31.4 -0.5
M41A	Milan, baz=313	49.22	74	P	P	04 03 31.7 -0.4
WMOK	Wichita Mounta, baz=316	49.22	86	eP	P	04 03 32.9 +0.6
WMOK	Wichita Mounta, comp=Z,5.0nm,1.1s	49.22	86	eP	P	04 03 33.2 +0.9
WMOK	Wichita Mounta, comp=Z,5.4nm,1.1s	49.22	86	eP	P	04 03 33.2 +0.9
T36A	Boeggs Farm, Ca, baz=315	49.22	81	P	P	04 03 33.1 0.0
P39B	Salisbury, baz=314,SNR=18	49.28	77	P	P	04 03 32.6 -0.1
S37A	Fort Scott, baz=314,SNR=7.4	49.32	80	P	P	04 03 32.7 -0.3
O40A	La Belle, baz=313,SNR=8.2	49.34	76	P	P	04 03 32.8 -0.3
F46A	Macinaw City C, baz=314,SNR=5.8	49.35	65	P	P	04 03 33.2 +0.1
Q39A	Willow Grove F, baz=314,SNR=5.8	49.47	77	P	P	04 03 33.8 -0.3
N41A	Harden Midland, baz=313	49.50	74	P	P	04 03 34.6 +0.3
R38A	Fenwick Farm, baz=314,SNR=6.3	49.54	79	P	P	04 03 33.8 -0.9
P40A	Paris, baz=314,SNR=16	49.65	76	P	P	04 03 35.3 -0.1
T37A	Cherryvale 18, baz=315,SNR=5.2	49.72	81	P	P	04 03 35.6 -0.4
N42A	Yates City, baz=313	49.87	74	P	P	04 03 36.6 -0.5
O41A	Passleys Farm, baz=314,SNR=5.6	49.89	75	P	P	04 03 36.9 -0.4
S38A	Stockton, baz=315	49.93	79	P	P	04 03 36.8 -0.8
R39A	Chummy, Stover, baz=315	49.94	78	P	P	04 03 37.2 -0.5
Q40A	Laux Farm, Aux, baz=314,SNR=14	50.01	77	P	P	04 03 37.9 -0.2
W35A	Tecumseh, baz=316	50.01	84	P	P	04 03 38.5 +0.2
TUL1	Leonard, baz=315	50.08	82	P	P	04 03 38.6 -0.2
V36A	Jenks, baz=315	50.09	83	P	P	04 03 38.9 0.0
P41A	Barry, Barry, baz=314,SNR=10	50.10	75	P	P	04 03 38.7 -0.2
U37A	Salina, baz=315	50.12	81	P	P	04 03 38.9 -0.1
T38A	Diamond, baz=315	50.13	80	P	P	04 03 39.0 -0.1
S39A	Bolivar, baz=315,SNR=5.2	50.22	79	P	P	04 03 39.0 -0.8
ABTX	Ahline, Hawle, baz=317	50.28	78	P	P	04 03 40.8 +0.6
O42A	Bath, baz=314	50.28	74	P	P	04 03 40.0 -0.2
W36A	Wetumka, baz=316	50.39	83	P	P	04 03 41.0 -0.1
R40A	Maddies Statio, baz=314,SNR=14	50.39	78	P	P	04 03 40.0 -1.0
TX31	Lajitas Ar. Si, baz=315	50.40	95	eP	P	04 03 42.7 +1.4
TXAR	Lajitas Array, comp=Z,3.5nm,0.6s,baz=300,slow=5.8,SNR=26	50.40	95	eP	P	04 03 42.6 +1.3
TXAR	Lajitas Array, comp=Z,3.5nm,0.6s,baz=300,slow=5.8,SNR=26	50.40	95	eP	P	04 03 42.6 +1.3
HDIL	Hopedale, baz=315	50.46	73	P	P	04 03 41.2 -0.4
HDIL	Hopedale, comp=Z,25nm,0.8s	50.46	73	eP	P	04 03 41.1 -0.5
V37A	Hulbert, baz=315	50.47	82	P	P	04 03 41.5 -0.2
Q41A	Trueman, baz=314,SNR=7.8	50.51	76	P	P	04 03 41.6 -0.3
U38A	Gravette, baz=315	50.51	81	P	P	04 03 41.4 -0.6
P42A	Winchester, baz=315	50.56	75	P	P	04 03 42.1 -0.2
T39A	Clever, baz=315,SNR=11	50.60	80	P	P	04 03 42.1 -1.0
W37B	Quinton, baz=316	50.84	83	P	P	04 03 44.8 +0.4
R41A	Rosebud, baz=315,SNR=6.5	50.88	77	P	P	04 03 44.0 -0.7
V38A	Canehill, baz=316	50.90	81	P	P	04 03 44.7 -0.3
P43A	Skaggs, Pawnee, baz=314	50.97	74	P	P	04 03 45.0 -0.4
T40A	Mansfield, baz=315	51.05	79	P	P	04 03 45.4 -0.6
U39A	Green Forest, baz=315,SNR=7.7	51.06	80	P	P	04 03 46.0 -0.1
CCM	Cathedral Cave, baz=315	51.13	77	P	P	04 03 46.0 -0.6
CCM	Cathedral Cave, comp=Z,18nm,1.5s	51.13	77	eP	P	04 03 46.0 -0.6
S41A	Jillico Farms, baz=315,SNR=15	51.18	78	P	P	04 03 46.0 -1.0
O44A	Mansfield, baz=314	51.20	73	P	P	04 03 46.5 -0.5
R42A	Luebbering, baz=315	51.22	77	P	P	04 03 47.0 -0.2
N45A	Kentland, baz=314	51.24	72	P	P	04 03 46.9 -0.5
Y36A	Durant, baz=316	51.25	85	P	P	04 03 48.2 +0.7
X37A	Clayton, baz=316	51.27	83	P	P	04 03 48.1 +0.4
V39A	Pettigrew, baz=316	51.35	81	P	P	04 03 48.2 -0.2
Q43A	New Douglas, baz=314	51.37	75	P	P	04 03 48.2 -0.1
W38A	Poteau, baz=316	51.41	82	P	P	04 03 48.6 -0.1
U40A	Yellville, baz=315	51.43	80	P	P	04 03 48.2 -0.7
O45A	Potomac, baz=314	51.54	73	P	P	04 03 49.3 -0.2
T41A	Mountain View, baz=315	51.55	78	P	P	04 03 49.1 -0.7
S42A	Caledonia, baz=315	51.58	77	P	P	04 03 49.2 -0.8
ULN	Ulaanbaatar, comp=Z,5.0nm,2.5s	51.59	301	eP	P	04 03 49.3 -0.7
ULN	Ulaanbaatar, comp=Z,5.0nm,2.5s	51.59	301	eP	P	04 03 49.3 -0.7
P44A	Sand Creek, Wi, baz=314	51.59	74	P	P	04 03 49.9 -0.1
FVM	French Village, comp=Z,13nm,0.5s	51.64	77	eP	P	04 03 50.0 -0.4
FVM	French Village, comp=Z,13nm,0.5s	51.64	77	eP	P	04 03 50.0 -0.4
R43A	Red Bud, baz=315,SNR=5.1	51.71	76	P	P	04 03 50.3 -0.6
SCHO</						

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, NORSAR Array, and various meteorological stations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GROS Grobnik, SIRR Siria, and various meteorological stations.

ISCJB 18 04:29:04.5:1.2, 171.1S:0.2:173.2W:0.3, h41km, mb4.1/6, MS3.4/4, Error ellipse: s-maj=45.4km s-min=9.1km az=31.7

IDC 18 04:29:08.7:3.1, 17.05S:173.05W, h73km, mb3.8/6, mb1.4/0.7, mb1mx3.6/39, mbtmp4.1/7, MS3.4/5, Ms1 3.4/5, ms1mx3.0/30, Error ellipse: s-maj=47.4km s-min=16.3km az=129.0

ISC 18 04:29:05.5:1.1, 172S:0.2:173.0W:0.3, h41km, n12, s1568.9, mb4.1/6, MS3.4/4, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AFI Afiamalu, DZM Mont Dzumac, and various meteorological stations.

IDC 18 04:29:42.9:3.0, 33.04S:178.72W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/34, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=70.4km s-min=45.4km az=122.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like URZ Urewera, ASAR Alice Springs, and various meteorological stations.

ISCJB 18 04:37:32.2:0.9, 22.18N:0.05:122.41E:0.03, h20km, 10km, Error ellipse: s-maj=8.3km s-min=3.5km az=160.7

JMA 18 04:37:32.4:0.3, 22.17N:122.36E, h30km, M3.8, TAP 18 04:37:32.8, 22.12N:122.32E, h24km, 1km, ML3.6, D ISC 18 04:37:32.3:1.4, 22.17N:0.05:122.35E:0.04, h21km, 5km, n50, s1097/5, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LAY Lan-yu, CHKT Chengkung, and various meteorological stations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STYT Tauyuan, YUS Yu-Shan, and various meteorological stations.

KRSC 18 04:55:24.5:1.0, 48.74N:156.77E, h7km, 25km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KDTR Khodutka, ASAK Asacha, and various meteorological stations.

NNC 18 05:00:15.2:1.0, 53.67N:90.81E, h0km, mb3.7, mpv3.4, 7C-6D, Error ellipse: s-maj=142.6km s-min=10.9km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAAO Zalesovo Array, KURK Kurchatov, and various meteorological stations.

IDC 18 05:11:31.8:15.0, 18.96S:67.16W, h277km, 72km, mb2.9/2, mb1.2/9.4, mb1mx3.8/24, mbtmp3.3/4, Error ellipse: s-maj=328.4km s-min=33.0km az=14.0, Central Bolivia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LPAZ La Paz, SIV San Ignacio, and various meteorological stations.

IDC 18 05:14:58.3:3.8, 30.28S:138.45E, h0km, mb1.3/0.3, mb1mx3.0/23, mbtmp2.7/3, ML2.6/3, Error ellipse: s-maj=105.0km s-min=17.7km az=43.0, South Australia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA Stephens Creek, and various meteorological stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, MDD 18 05:25:38.5-1.6, 38.91N:13.14W, h0km, mb3.7/15, Error ellipse: s-maj=15.6km s-min=10.4km az=73.0, PRXIMO IGIL 18 05:25:38.7, 38.96N:13.14W, h1km, ML2.1, CSEM 18 05:25:40.8-0.4, 38.93N:12.91W, h10km, ML2.8/26, Error ellipse: s-maj=8.3km s-min=5.4km az=68.0, INMG 18 05:25:40.4-1.2, 38.82N:13.55W, h10km, ML2.2, Error ellipse: s-maj=6.4km s-min=3.9km az=80.0, ISC 18 05:25:32.2-2.8, 38.85N:0.05-13.5W:0.1, h10km, n95, #297/177, 1D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCBR Castelo Branco, PVAQ Vaqueiros, PMRV Marv???, MTE Manteigas, EGRO El Granado, POLO Lamas de Olo, PGAV Gaveira, Arco, EBAD Badajoz, PCAB Cabril, PBAR Barrancos, ELOB Lobios, EMAZ Mazaricos, EMIN Mina Concepcio, EMIN Agolada(Pontev), EPLA Placencia, PBRG Braganca, ECAL Calabor, ECAL Calabor, ESPR Espera, ECAB El Cabril, EPON Pontenova, EADA Adamuz, EADA Adamuz

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, OFJU Okunato, JJK Kawauchi, JMK Ichinoseki, JOU Okura, JOM Oshama, JFT Otama, JYK Kaneyama, JRG Rokugo, JOT Otama, JAH Hinai, JTM Tenmabayashi, JRY Ryogami san, JRY Ohata, JOD Odawara 2, MJAR Matushiro Arr, MJAR Matushiro, MAT Matushiro, MKR Kayabe, JKB Churui, NEM Nemuro 2, NEM Nemuro 2, JOSM Okushiri-Mats, JTKR Abashiri-Toko, JHR Hokuryu, H112 WAKE ISLAND Hy, H111 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H115 WAKE ISLAND Hy, H113S WAKE ISLAND Hy, H115S WAKE ISLAND Hy, MKAR Makanchi Array, ILAR Eielson Array, KURBB Kurchatov Arr, WRA Warramunga Arr, NIED 18 05:34:00.37, 30N:142.11E, h23km, Mw3.8, Best double couple: M5.70000x10^14, NP1:~0.200000, 811.00000, lambda-138.00000, NP2:~148.00000, 882.00000, lambda-81.00000, IDC 18 05:34:37.5-0.8, 37.19N:142.21E, h0km, mb3.7/10, mb1 3.9/12, mb1mx3.7/37, mbtmp3.7/12, ML3.5/2, MS3.0/3, Ms1 3.0/3, ms1mx2.6/45, Error ellipse: s-maj=20.3km s-min=18.5km az=136.0, ISCJB 18 05:34:39.3-1.6, 37.29N:105.142E:0.04, h1km, mb3.8/10, MS3.7/12, Error ellipse: s-maj=8.4km s-min=8.8km az=173.2, JMA 18 05:34:39.8-0.2, 37.28N:142.12E, h31km, Mw3.8, ISC 18 05:34:38.8-1.9, 37.27N:0.06:142.07E:0.06, h8km, 11km, n34, #108/35, mb3.6/10, Off east coast of Honshu

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

Table for station group: DJA 18 06:37:27.1±0.8, 10°S 13°11'6"E, h68km±72km, M3.5/8, Mlv3.5/8, South of Sumbawa

Table for station group: MAN 18 06:41:16, 11°23'N-125.65E, h17km, mb3.9, ML2.7, MS2.3, Samar

ISC 18 06:41:44.2±1.2, 0.28N-121.72E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/4, mbtmp3.5/4, Error ellipse: s-maj=14.4km s-min=20.6km az=64.0

ISC 18 06:42:09.0±1.2, 0.2N-121.72E, h167km±8km, M3.0/4, Mlv3.0/4

Table for station group: ISC 18 06:42:05.6±0.9, 0.3N-121.9E, h200km, n8, 1525/12, mb3.4/4, Minahassa Peninsula, Sulawesi

ISC 18 06:45:49.2±2.6, 53°49'N-87°39'E, h0km, mb1 2.8/2, mb1mx2.7/4, mbttmp2.8/2, ML2.6/2, Error ellipse:

Table for station group: s-maj=24.7km s-min=14.4km az=62.0, Southwestern Siberia

Table for station group: IDC 18 06:52:57.1±3.2, 54°19'N-87°26'E, h0km, mb1 2.5/2, mb1mx2.4/4, mbttmp2.5, ML2.2/2, Error ellipse: s-maj=27.3km s-min=19.5km az=54.0, Southwestern Siberia

IDC 18 06:57:02.4±1.1, 23°62'N-121°53'E, h0km, mb3.7/5, mb1 3.0/5, mb1mx3.5/45, mbttmp2.5, MS2.9/2, Ms1 2.9/2, mb1mx2.5/42, Error ellipse: s-maj=66.4km s-min=21.2km az=66.0

BJJ 18 06:57:02.9, 23°49'N, 120°66'E, h7km, mb4.0/6, mb4.0/2, ML3.8/6, Ms3.7/5, Ms7 3.7/5

JMA 18 06:57:03.8±0.1, 23°54'N-120°61'E, h0km, M4.0, TAP 18 06:57:04.3, 23°51'N-120°62'E, h9km, ML4.2, B

ISC 18 06:57:05.6±0.2, 23°51'N-120°60'E, 0.1, h15km±2km, mb3.6/5, MS3.0/1, Error ellipse: s-maj=2.1km s-min=1.7km az=12.5

ISC 18 06:57:05.0±0.7, 23°53'N-120°64'E, 0.02, h16km±4km, n117, 1512/164, mb3.6/5, 2AC-22D, Taiwan

Main table for station group: s-maj=24.7km s-min=14.4km az=62.0, Southwestern Siberia

Main table for station group: baz=218 Taichung, baz=3.0 Taichung, baz=103 Yuli, etc.

Table of station data for 18d 10h, including columns for station name, coordinates, and various parameters like pmax and pmax.

Table of station data for 2012 JAN, including columns for station name, coordinates, and various parameters like pmax and pmax.

Table of station data for 820, including columns for station name, coordinates, and various parameters like pmax and pmax.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU Zalesovo Infra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 10:17:30.3±4.0, 47.72N:74.05E, h0km, mb1 2.6/3, mb1mx2.5/37, mbtmp2.6/3, ML 1.9/3, Error ellipse: s-maj=39.6km s-min=22.3km az=75.0, Central

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, AAK Ala-Archa, AAK Ala-Archa, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, I46RU Zalesovo Infra, ZALV Zalesovo Beam, ZALV Zalesovo Beam.

IDC 18 10:18:24.1±65.0, 18.85S:176.80W, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/25, mbtmp3.5/3, Error ellipse: s-maj=1212.0km s-min=162.4km az=81.0, Fiji Islands region

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

SJA 18 10:18:50.9±0.8, 31.17S:68.52W, h102km±4km, ML2.9, MW4.0, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLL Cerro Villicun, AMOG MOGNA, AMOG MOGNA, SJA San Juan, SJA San Juan, RTVC Cerro Valdivia, AUSP Upsallata, AUSP Upsallata, ACAN Cantantal, AGUA GUANDACOL.

TIF 18 10:22:32.6±42.54N:43.57E, h13km±2km, DDA 18 10:22:33.9±42.76N:42.65E, h10km, M12.5, ISC 18 10:22:31.4±5.7, 42.62N:0.1±43.7E±0.3, h14km±14km, n4, c0±45/8, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONI Oni, ONI Oni, ARTV Artvin, ARTV Artvin, DAGI Agillar, DAGI Agillar, DDEM Demirkent, DDEM Demirkent.

IDC 18 10:49:59.1±5.7, 16.44S:174.72W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.4/31, mbtmp3.6/3, ML3.5/1, MS3.3/8, M13 3.3/8, ms1mx3.2/22, Error ellipse: s-maj=317.2km s-min=30.5km az=147.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, PPT Papeete, PPT Papeete, PPT Papeete, TBI Tubuai, TBI Tubuai, PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, MJAR Matsushiro Arr, PETK Petropavlovsk, PETK Petropavlovsk, KRSR Korea Array, KRSR Korea Array, ILAR Eielson Array, ILAR Eielson Array, BRTR Keskin Array, BRTR Keskin Array.

NNC 18 10:56:01.7±1.5, 47.54N:84.64E, h2km±8km, mb4.1, mpv3.7, Error ellipse: s-maj=12.1km s-min=6.1km az=114.0

SOME 18 10:56:01.9±47.48N:84.22E, h0km, ISC 18 10:56:01.6±1.5, 47.48N:0.05±85.0E±0.1, h16km±6km, n17, c±135/26, 15C-6Z, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MAK2 Makanchi, MAK2 Makanchi, MAK2 Makanchi, KAPS Kaparalan, KAPS Kaparalan, KAPS Kaparalan, DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, KTMS Ketmen, KTMS Ketmen, KTMS Ketmen, KTMS Ketmen.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TDK Taldygorghan, TDK Taldygorghan, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, MDOK Medeo, MDOK Medeo, TKM2 Tokmak 2, TKM2 Tokmak 2, AAK Ala-Archa, AAK Ala-Archa, BVA0 Borovoye Array, BVA0 Borovoye Array, BVA0 Borovoye Array, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, KK31 Karatay Array, KK31 Karatay Array.

ISCJB 18 11:03:56.8±0.8, 56.23N:10.157:11W±0.10, h60km, mb2.8/2, Error ellipse: s-maj=14.9km s-min=4.9km az=155.6

NEIC 18 11:03:59.4±0.0, 56.27N:157.19W, h37km, ML2.9(AEIC), After AEIC

IDC 18 11:04:01.8±5.4, 56.82N:157.13W, h73km±47km, mb2.6/2, mb1 3.0/4, mb1mx2.7/47, mbtmp3.0/4, ML2.9/2, Error ellipse: s-maj=49.1km s-min=36.5km az=10.0

ISC 18 11:03:57.3±1.1, 56.33N:0.09±157.15W±0.06, h60km, n15, c±191/20, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHGN Chignik, ANNE Aniakchak Nort, ANNW Aniakchak Nort, VNSG Veniaminof 1, VNHG Veniaminof 1, VNHG Veniaminof 1, FLK1 Peulik 1, ANCK Aniakchak Nort, SDPT Sand Point, SDPT Sand Point, OHAK Old Harbor, PSAA Pavlov South-4, KDAK Kodiak Island, KDAK Kodiak Island, DT1 Dutton Round H, ILAR Ilorlon, ILAR Ilorlon, YKA Yellowknife Arr, MKAR Makanchi Array, MKAR Makanchi Array.

ISCJB 18 11:16:26.6±0.7, 26.49N:0.07±86.36E±0.04, h53km±10km, mb3.3/4, MS2.9/2, Error ellipse: s-maj=12.2km s-min=5.6km az=8.4

DMN 18 11:16:29.7±0.3, 26.61N:86.39E, h30km, M4.5/6, Error ellipse: s-maj=8.0km s-min=2.9km az=3.0

IDC 18 11:16:30.7±2.0, 26.52N:88.65E, h0km, mb3.2/5, mb1 3.4/5, mb1mx3.2/45, mbtmp3.3/5, MS2.0/2, M1 3.0/2, ms1mx2.6/28, Error ellipse: s-maj=77.6km s-min=21.6km az=69.0

ISC 18 11:16:27.0±1.9, 26.49N:0.06±86.38E±0.04, h37km±2km, n21, c±193/26, mb3.5/4, 1C, Nepal-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAMN Ramite, RAMN Ramite, ODAN Odana, ODAN Odana, JIRN Jiri, PKI Pulchoki, PKI Pulchoki, TAPN Talepjuing, TAPN Talepjuing, GUN Gumba, GUN Gumba, DMN Daman, DMN Daman, KKN Kakani, KKN Kakani, KKN Gorkha, KKN Gorkha, KOLN Koldanda, KOLN Koldanda, DANN Dangsing, DANN Dangsing, PYUN Pluthan, PYUN Pluthan, SHL Shilling, SHL Shilling, JBP Jabalpur, JBP Jabalpur, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 11:16:14.1±3.1, 22.94S:68.78W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.6/21, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=86.0km s-min=53.1km az=54.0

GUC 18 11:16:34.3±0.5, 21.55S:0.05±68.71W±0.1, h131km±10km, ISC 18 11:16:35.4±1.2, 21.55S:0.05±68.71W±0.1, h131km±10km, n13, c±0583/22, 6C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, SONGI Songoing Array, SONGI Songoing Array, TLY Talysh, TLY Talysh, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, PSAG Pisagua, PSAG Pisagua, MNMC Minye Minye, MNMC Minye Minye, PB12 IPOC Station P, LPAZ La Paz, TORD Torodi Arr, YKA Yellowknife Arr.

ISCJB 18 11:33:01.5±0.4, 31.88S:0.04±68.29W±0.06, h10km, mb4.4/6, Error ellipse: s-maj=8.3km s-min=4.9km az=145.0

SJA 18 11:33:01.9±0.6, 31.83S:68.38W, h16km±7km, ML3.9, MW4.5

IDC 18 11:33:01.5±0.8, 31.91S:68.26W, h0km, mb4.1/4, mb1 4.2/8, mb1mx4.0/30, mbtmp4.0/8, ML3.7/4, Error ellipse: s-maj=30.8km s-min=19.1km az=94.0

NEIC 18 11:33:03.7±0.5, 31.88S:68.23W, h10km, MD4.5(SJA), Error ellipse: s-maj=14.0km s-min=8.8km az=83.0

NEIC Felt [V] at San Juan, ISC 18 11:33:02.6±0.1, 31.80S:0.04±68.40W±0.05, h10km, n24, c±131/27, mb4.6/6, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTVC Cerro Valdivia, SJA San Juan, SJA San Juan, RTLL Cerro Villicun, AOC MOGNA, AUSP Upsallata, ACAN Cantantal, LCO Las Campanas, LCO Las Campanas, TRQA Torquist, TRQA Torquist, PLCA Paso Flores, PLCA Paso Flores, CPUP Villa Florida, LPAZ La Paz, SIV San Ignacio, SNAA Sanae, QSPA South Pole Qup, YXAR Yajair, LIC Litchi, LIC Litchi, KIC Kosan Boka, DBIC Dibinkro, NVAR Mina Array, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array.

ISCJB 18 11:35:49.0±0.8, 31.66S:0.02±68.08W±0.04, h12km±4km, mb4.9/2, MS4.3/6, Error ellipse: s-maj=5.6km s-min=3.8km az=23.1

IDC 18 11:35:48.7±0.4, 31.83S:68.26W, h0km, mb4.7/17, mb1 4.8/20, mb1mx4.7/29, mbtmp4.7/20, ML4.3/3, MS4.1/7, MS1 4.1/7, ms1mx3.8/18, Error ellipse: s-maj=19.1km s-min=11.8km az=86.0

SJA 18 11:35:49.0±0.9, 31.82S:68.37W, h11km±6km, ML4.8, MW4.8

MOS 18 11:35:49.8±1.2, 31.73S:68.19W, h12km, mb5.1/34, Error ellipse: s-maj=14.0km s-min=8.0km az=98.3

GCMT 18 11:35:50.2±0.3, 31.81S:68.24W, h14km, MW5.1/83, Moment Tensor Solution: a7.58; s83.c115; Duration: 0 Moment tensor: Scale 10^18N; Mr3.67±.17; Mw0.47±.10; Mb0.4±.14; Ms1.189±.31; Mb0.93±.08; Mw1.58±.28; Best double couple: Mw1.71500±.016; NpF2: Mw0.348±.00000; s53.00000; 1.60.00000; NpF2: Mw0.20000; s42.00000; 130.00000; Principal axes: T 4.9150, Plg62.0000; Azm205.0000; N -0.3870, Plg26.0000; Azm3.0000; P -4.5150, Plg9.0000; Azm97.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

GUC 18 11:35:50.3±0.7, 31.83S:68.19W, h16km, 12km, ML5.3, NEIC 18 11:35:50.5±0.2, 31.77S:68.08W, h10km, mb5.0/77, MD5.3(SJA), Error ellipse: s-maj=6.5km s-min=3.8km az=77.0

NEIC Felt [V] in the epicentral area and at Mendoza; [III] at San Juan, in southern La Rioja and in northern San Luis. Also Felt at Mendoza, in southern La Rioja and in northern San Luis. Also Felt at Mendoza, in southern La Rioja and in northern San Luis.

ISC 18 11:35:51.7±0.7, 31.56S:0.03±68.16W±0.1, h18km±2km, n542, c±1921/569, mb5.0/92, MS4.2/6, SC-1D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJA San Juan, SJA San Juan, SJA San Juan, RTVC Cerro Valdivia, RTLL Cerro Villicun, RTLL Cerro Villicun, AMOG MOGNA, AMOG MOGNA, AUSP Upsallata, AUSP Upsallata, AGUA GUANDACOL, AGUA GUANDACOL, FCH Farellones, FCH Farellones, FCH Farellones, PEL Peldehue, PEL Peldehue, PEL Peldehue, PEL Peldehue.

18d 11h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like PEL, CLCH, ROCI, LCO, G005, etc.

2012 JAN

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SNAA, CMIG, TLIG, NVL, QSPA, RKT, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ABTX, T47A, V42A, X38A, Y35A, etc.

CCM	Cathedral Cave	72.63 341	P	P	11 47 17.8 +0.1	baz=157	M38A	Pleasantville	76.30 341	P	P	11 47 38.7 -0.4	baz=138	LRMC	Laurel Mtn Rad	81.38 321	P	P	11 48 07.1 -0.2
CCM	Cathedral Cave	72.63 341	eP	P	11 47 17.9 +0.1	baz=158	L40A	Anamosa	76.38 343	P	P	11 47 39.8 +0.3	baz=139	C39A	Grand Marais	81.54 345	P	P	11 48 08.4 +0.7
CCM	Cathedral Cave	72.63 341	eP	Pmax	11 47 17.9 +0.1	baz=160	T25A	Trinidad	76.38 331	P	P	11 47 40.1 +0.1	baz=159	D36A	Goodland	81.65 343	P	P	11 48 08.8 +0.5
R42A	Luebbering	72.72 342	P	P	11 47 18.4 0.0	baz=149	T25A	Trinidad	76.38 331	eP	P	11 47 41.8 +1.8	baz=160	FURC	Furnace Creek	81.69 322	P	P	11 48 09.1 +0.3
P47A	Martinsville	72.76 345	P	P	11 47 18.3 -0.3	comp=Z,14nm,1.1s	O33A	Hebron	76.41 337	P	P	11 47 40.1 +0.3	baz=154	C38A	Sawbill Land.	81.70 344	P	P	11 48 08.6 -0.1
U35A	Pawnee	72.78 336	P	P	11 47 18.9 +0.1	MHTCO	State Highway	76.49 331	eP	P	11 47 42.5 +1.9	comp=Z,16nm,1.0s	MPMC	Manual Prospect	81.71 322	P	P	11 48 08.8 -0.3	
U35A	Pawnee	72.78 336	eP	P	11 47 19.4 +0.5	N35A	Taber	76.51 339	P	P	11 47 40.3 -0.1	baz=139	SBC	Santa Barbara	81.71 319	P	P	11 48 09.0 0.0	
T37A	Cheneyville 18	72.86 338	P	P	11 47 19.4 +0.1	M37A	Trindle Farm	76.53 340	P	P	11 47 40.7 +0.2	baz=138	ARVC	Arvin	81.73 320	P	P	11 48 08.7 -0.3	
S39A	Bolivar	72.89 339	P	P	11 47 19.7 +0.3	K42A	Prairie Point	76.59 344	P	P	11 47 40.9 +0.2	baz=140	TPNV	Topopah Spring	81.74 323	P	P	11 48 08.8 -0.5	
R41A	Rosebud	72.89 341	P	P	11 47 19.5 +0.1	L39A	Vinton	76.63 342	P	P	11 47 40.7 -0.3	baz=158	D35A	Remer	81.78 342	P	P	11 48 09.0 -0.1	
MSTX	Muleshoe	72.98 330	P	P	11 47 20.2 0.0	K41A	Shullsburg	76.66 343	P	P	11 47 41.1 0.0	baz=154	F31A	Hecla	81.84 339	P	P	11 48 09.4 0.0	
MSTX	Muleshoe	72.98 330	eP	P	11 47 20.9 +0.7	TSUM	Tsumeb	76.67 104	eP	P	11 47 43.1 +1.0	baz=148	K22A	Casper	81.92 332	P	P	11 48 09.8 -0.3	
S38A	Stockton	73.01 339	P	P	11 47 20.2 +0.1	KOWA	Kowa	76.69 64	eP	P	11 47 43.4 +1.4	comp=Z,51nm,1.3s	C37A	Embarrass	81.93 344	P	P	11 48 10.2 +0.4	
Q43A	New Douglas	73.05 343	P	P	11 47 20.1 -0.3	N34A	Lincoln	76.75 338	P	P	11 47 41.6 -0.1	baz=156	DAC	Darwin (Calif)	81.93 322	eP	Pmax	11 48 11.7 +1.4	
N54A	Moraine State	73.09 351	P	P	11 47 20.4 -0.1	L38A	Oak Wood Farm	76.91 341	P	P	11 47 42.5 0.0	comp=Z,6.0nm,0.9s	DAC	Darwin (Calif)	81.93 322	eP	P	11 48 11.7 +1.4	
P46A	Rosedale	73.09 345	P	P	11 47 20.4 -0.2	J42A	Goldbus	77.05 344	P	P	11 47 43.2 -0.1	comp=Z,4nm,0.9s	NLU	North Lily Min	82.06 327	eP	P	11 48 12.3 +1.3	
T36A	Boggs Farm, Ca	73.12 337	P	P	11 47 20.7 -0.1	L37A	Phoenix Point	77.11 341	P	P	11 47 43.6 -0.1	comp=Z,17nm,1.8s	RSSD	Black Hills	82.23 335	P	P	11 48 12.2 +0.4	
P45A	Graceland, Par	73.13 344	P	P	11 47 19.9 -0.9	K39A	Oelwein	77.15 342	P	P	11 47 43.5 -0.4	baz=159	RSSD	Black Hills	82.23 335	eP	Pmax	11 48 12.4 +0.7	
R40A	Maddies Station	73.14 340	P	P	11 47 21.0 +0.2	KSCO	Kaye Shedlock	77.28 333	P	P	11 47 44.5 -0.3	baz=150	RSSD	Black Hills	82.23 335	eP	Pmax	11 48 12.4 +0.7	
T35A	Sooner Cattle	73.20 337	P	P	11 47 21.2 -0.1	J41A	Loganville	77.31 344	P	P	11 47 44.6 -0.2	comp=Z,11nm,1.3s	RSSD	Black Hills	82.23 335	eP	P	11 48 12.4 +0.7	
Q42A	Golden Eagle	73.24 342	P	P	11 47 21.1 -0.4	X16A	Lo Mia Camp, P	77.33 324	eP	P	11 47 46.8 +1.4	comp=Z,11nm,1.3s	JRD	Jordanale	82.30 328	eP	P	11 48 13.0 +0.8	
P44A	Sand Creek, Wi	73.28 344	P	P	11 47 21.6 0.0	J40A	Soldiers Grove	77.51 343	P	P	11 47 45.6 -0.3	comp=Z,17nm,2.0s	CWC	Cottonwood Cre	82.31 321	P	P	11 48 13.0 +0.7	
AMTX	Amarillo	73.32 332	P	P	11 47 22.0 -0.1	I42A	Draeger Farm	77.55 345	P	P	11 47 46.1 0.0	baz=160	C35A	Jirli Farms, M	82.34 343	P	P	11 48 11.9 -0.1	
R39A	Chumby, Stover	73.38 340	P	P	11 47 22.6 +0.3	J39A	Decorah	77.69 343	P	P	11 47 46.8 -0.1	baz=158	E31A	Nome	82.36 340	P	P	11 48 13.1 +0.9	
S37A	Fort Scott	73.42 338	P	P	11 47 22.4 -0.1	S22A	4UR Ranch, Cre	77.92 330	eP	P	11 47 50.4 +1.7	baz=160	YES	Vestal Richgr	82.40 320	P	P	11 48 13.2 +0.7	
O47A	Sheridan	73.46 346	P	P	11 47 22.0 -0.7	I41A	Arkdale	77.93 344	P	P	11 47 47.8 -0.4	comp=Z,2nm,0.9s	R11A	Troy Canyon, C	82.48 324	P	P	11 48 13.5 +0.4	
Q41A	Truxton	73.46 341	P	P	11 47 22.8 0.0	I40A	Norwalk	77.95 344	P	P	11 47 48.3 0.0	baz=161	SMCC	Simmer	82.51 320	P	P	11 48 13.7 +0.5	
R38A	Fenwick Farm	73.52 339	P	P	11 47 23.1 0.0	J39A	Houston	78.13 343	P	P	11 47 49.3 -0.1	baz=161	DUG	Dugway, Tooele	82.60 327	P	P	11 48 14.0 +0.3	
T34A	McClaskey Farm	73.53 336	P	P	11 47 23.4 +0.2	WU4Z	Wupatki	78.18 325	eP	P	11 47 50.8 +0.7	baz=144	DUG	Dugway, Tooele	82.60 327	eP	Pmax	11 48 15.2 +1.5	
U32A	Winter Ranch	73.60 334	P	P	11 47 24.0 +0.4	WU4Z	Wupatki	78.18 325	eP	P	11 47 51.3 +1.3	comp=Z,5.7nm,0.9s	DUG	Dugway, Tooele	82.60 327	eP	Pmax	11 48 15.2 +1.5	
S36A	Lake Cedric, C	73.63 338	P	P	11 47 23.4 -0.3	MVCO	Mesa Verde	78.21 328	P	P	11 47 50.7 +0.5	baz=146	DUG	Dugway, Tooele	82.60 327	eP	P	11 48 15.2 +1.5	
P43A	Skaggs, Pawnee	73.66 343	P	P	11 47 24.1 +0.2	MVCO	Mesa Verde	78.21 328	eP	P	11 47 51.7 +1.4	comp=Z,1.6nm,0.9s	C33A	Trail	82.86 342	P	P	11 48 14.5 -0.2	
Q40A	Laux Farm, Aux	73.73 341	P	P	11 47 24.5 +0.1	BOSA	Boshof	78.22 116	P	P	11 47 41.3 -9.3	comp=Z,16nm,1.0s,baz=257,slow=1.3,SNR=10	B35A	Bob, Littlefor	82.89 343	P	P	11 48 14.6 -0.1	
319A	Douglas	73.81 342	eP	P	11 47 27.0 +1.8	Q24A	Divide	78.24 331	eP	P	11 47 50.7 +0.2	baz=158	B34A	Aery, Baudette	83.24 343	P	P	11 48 16.3 -0.3	
O45A	Potomac	73.81 345	P	P	11 47 24.6 -0.2	Q24A	Divide	78.24 331	eP	P	11 47 51.9 +1.5	baz=159	PD31	Pinedale Array	83.24 331	eP	P	11 48 17.8 +0.7	
P42A	Winchester	73.82 342	P	P	11 47 24.5 -0.4	H41A	Junction City	78.41 345	P	P	11 47 51.0 +0.2	comp=Z,10.0nm,0.9s	PDAR	Pinedale Array	83.24 331	eP	P	11 48 17.5 +0.4	
S35A	Otter Creek Ra	73.83 337	P	P	11 47 25.0 0.0	I38A	Scanlan Farm	78.51 342	P	P	11 47 51.6 +0.1	baz=161	PDAR	Pinedale Array	83.24 331	eP	P	11 48 17.7 -0.4	
PPT2	Papeete2	73.84 259	eS	SKIKP	11 56 51.4 -2.7	MONP	Monument Peak	78.74 320	P	P	11 47 53.2 -0.1	baz=159	BW06	Boulder Array	83.25 331	P	P	11 48 16.5 -0.6	
PPT2	Papeete2	73.84 259	eLR	LR	12 09 58.4	I37A	Lemond, Waseca	78.77 342	P	P	11 47 52.7 -0.2	baz=140	AGMN	Agassiz Nation	83.38 342	P	P	11 48 17.1 -0.2	
O44A	Mansfield	73.89 344	P	P	11 47 25.2 0.0	BC3	Big Chuckawall	78.80 321	P	P	11 47 52.9 -0.5	baz=156	C31A	Landman Farms	83.44 340	P	P	11 48 17.6 0.0	
121A	Cookes Peak, D	74.02 326	P	P	11 47 25.3 -1.1	I36A	Fitzsimmons Fa	78.94 341	P	P	11 47 53.6 -0.2	baz=155	B32A	Ashes, Strandq	83.65 341	P	P	11 48 18.5 -0.2	
Q39A	Willow Grove F	74.04 340	P	P	11 47 26.0 -0.1	PV01	Paradox Valley	79.00 329	eP	P	11 47 56.1 +1.5	baz=158	A33A	Warrod	83.84 342	P	P	11 48 19.5 -0.2	
P41A	Barry, Barry	74.09 342	P	P	11 47 26.2 -0.3	IRM	Iron Mountain	79.02 322	P	P	11 47 53.3 -1.2	comp=Z,1.3nm,1.4s	NV01	Mina Array Sit	83.92 323	eP	P	11 48 21.2 +0.5	
Q38A	Cooks Store, C	74.15 340	P	P	11 47 26.7 -0.1	W13A	Hualpai Mount	79.10 323	eP	P	11 47 56.8 +1.6	comp=Z,2.0nm,0.8s,baz=152,slow=5.1,SNR=16	NVAR	Mina Array Be	83.92 323	P	P	11 48 21.7 +1.0	
N46A	Monticello	74.21 345	P	P	11 47 27.0 -0.1	ISCO	Iado Springs	79.14 332	eP	Pmax	11 47 57.1 +1.7	baz=155	B31A	Greenbush Farm	83.98 341	P	P	11 48 20.2 -0.2	
O43A	Sugar Creek Fa	74.22 343	P	P	11 47 27.0 -0.2	ISCO	Iado Springs	79.14 332	eP	P	11 47 57.0 +1.7	comp=Z,6.0nm,1.3s	MDND	Maddock	84.03 339	P	P	11 48 20.7 0.0	
P40A	Paris	74.23 341	P	P	11 47 27.2 -0.1	J33A	Davis	79.15 339	P	P	11 47 54.8 -0.2	comp=Z,6.1nm,1.3s	MDND	Maddock	84.03 339	eP	P	11 48 21.3 +0.6	
Q37A	Longview Farm	74.32 339	P	P	11 47 27.5 -0.3	XPFO	Pigeon Flat	79.30 321	eP	P	11 47 58.1 +1.9	comp=Z,6.1nm,1.3s	KVN	Kaiserville	84.28 323	eP	Pmax	11 48 23.4 +0.9	
R35A	Emporia Munci	74.37 337	P	P	11 47 28.2 0.0	PFO	Pinyon Flats O	79.31 321	P	P	11 47 56.9 +0.6	baz=155	KVN	Kaiserville	84.28 323	eP	P	11 48 23.4 +0.9	
P39B	Salisbury	74.39 340	P	P	11 47 28.2 +0.1	PFO	Pinyon Flats O	79.31 321	eP	Pmax	11 47 58.1 +1.9	comp=Z,20nm,1.9s	ULM	Lac du Bonnet	85.17 343	P	P	11 48 26.3 -0.1	
MAW	Mawson	74.45 163	P	P	11 47 27.6 -0.7	PFO	Pinyon Flats O	79.31 321	eP	P	11 47 58.1 +1.9	comp=Z,4.9nm,0.9s,baz=179,slow=3.2,SNR=11	ULM	Lac du Bonnet	85.17 343	eP	LR	12 28 42.1	
MAW	Pasleys Farm	74.46 342	P	P	12 20 48.5	U15A	North Rim	79.35 325	eP	P	11 47 58.0 +1.4	comp=Z,42nm,18.0s,baz=130,slow=37	ULM	Lac du Bonnet	85.17 343	eP	Pmax	11 48 26.4 0.0	
HDIL	Hopedale	74.47 343	P	P	11 47 28.1 -0.5	G39A	Holcombe	79.39 344	P	P	11 47 58.8 +0.5	comp=Z,33nm,1.8s	ULM	Lac du Bonnet	85.17 343	eP	P	11 48 26.4 0.0	
M46A	Old House Field	74.62 346	P	P	11 47 29.4 -0.1	PV10	Paradox Valley	79.42 328	eP	P	11 47 58.1 +1.3	comp=Z,33nm,1.8s	HLID	Hailey	85.99 348	P	P	11 48 30.9 0.0	
R34A	Isabella, Hill	74.70 337	P	P	11 47 30.1 0.0	ECSD	EROS Data Cent	79.41 339	eP	P	11 47 56.5 +0.1	baz=142	HLID	Hailey	85.99 328	eP	P	11 48 31.9 +1.1	
O40A	La Belle	74.73 341	P	P	11 47 29.9 -0.3	ECSD	EROS Data Cent	79.42 339	eP	P	11 47 56.6 +0.1	comp=Z,6.3nm,1.0s	MCMT	McKenzie Canyon	86.31 330	eP	P	11 48 34.0 +1.5	
P38A	Dawn	74.74 340	P	P	11 47 29.7 -0.5	H36A	Jessenland, He	79.43 342	P	P	11 47 56.7 +0.2	comp=Z,6.1nm,0.7s	BOZ	Bozeman (W)	86.42 331	P	P	11 48 32.8 -0.1	
Q35A	Mercer Eighty	74.81 338	P	P	11 47 30.1 -0.5	J32A	Parkeston	79.47 338	P	P	11 47 56.5 -0.2	baz=144	ORV	Oroville	86.43 322	eP	Pmax	11 48 33.5 +0.6	
N43A	Stutzman Famil	74.81 344	P	P	11 47 30.0 -0.6	J31A	Geddes	79.68 338	P	P	11 47 58.7 +0.8	comp=Z,8.0nm,1.1s	ORV	Oroville	86.43 322	eP	P	11 48 33.5 +0.6	
N42A	Yates City	74.91 343	P	P	11 47 30.7 -0.5	MURC	Murieta	79.70 320	P	P	11 47 58.4 +0.2	comp=Z,8.2nm,1.1s	O03D	Paynes Creek	87.12 322	P	P	11 48 35.9 -0.5	
P37A	Lathrop	74.95 339	P	P	11 47 30.9 -0.6	GMRC	Granite Mounta	79.77 322	P	P	11 47 59.0 +0.2	baz=137	LSZ	Lusaka	87.38 106	eP	P	11 48 40.3 +2.0	
M44A	Midewin, Midew	74.97 345	P	P	11 47 30.9 -0.6	H35A	Sunnyside Ranc	79.79 341	P	P	11 47 58.0 -0.4	comp=Z,6.3nm,1.0s	LSZ	Lusaka	87.38 10				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TIKI, BRVK, KARATAY, YAKUTSK, etc.

MEX 18 11:36:33.5:0.5, 17:33N:99:97W, h60km, 5km, MD3.5,

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

SJA 18 11:44:10.6:0.4, 31:45S:68:23W, h124km, 3km, ML3.2,

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

CSEM 18 11:46:09.0:0.1, 40:50N:29:19E, h8km, ML2.5, Error

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

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

DDA 18 11:46:23.8, 40:18N:33:41E, h8km, ML3.1

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

IDC 18 11:49:28.0:0.9, 26:97N:143:82E, h0km, mb3.6/11,

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

JMA 18 11:49:32.0:0.1, 27:17N:143:68E, h55km, M3.4

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

ISK 18 11:52:56.1, 36:56N:34:07E, h5km, ML2.5

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

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

ISK 18 12:25:14.1, 38:59N:43:13E, h9km, ML2.1

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

MAN 18 12:25:34, 15:65N:120:11E, h4km, mb4.3, ML3.1, MS2.9,

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

IDC 18 12:36:00.1:4.0, 15:81S:173:36W, h0km, mb4.3/4,

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

ISC 18 12:39:09.7:0.7, 17:99N:0:04:95:07W, h132km, 7km,

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

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res, Code. Includes stations like Universidad Na, JRUQ, MOIG, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res, Code. Includes stations like HLID, J08A, J08B, etc.

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

18d 12h

2012 JAN

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like IGBI Denpasar, ENPP El Nido, KMMI Kalianget, etc.

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like COEN Coen, COEN Coen, DBJI Dramaga, etc.

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like KULM comp=Z,72m,0.9s, QZH Quanzhou, QZH Quanzhou, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=80).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=80).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=80).

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, ZALV Zalesovo Beam, etc.

ISCJB 18 13:31:40.6,0.4,32.36N,0.02:115.17W,0.02,h12km,2km,mb3.5/4,MS4.1/2,Error ellipse: s-maj=3.1km s-min=2.4km az=5.1
IDC 18 13:31:41.4,-1.6,32.06N,115.26W,h0km,mb3.6/4,mb1 3.8/9,mb1mx3.7/37,mbtmp3.5/9,ML3.7/4,MS3.7/7,Ms1 3.7/7,ms1mx3.4/37,Error ellipse: s-maj=24.5km s-min=10.5km az=37.0

NEIC 18 13:31:42.4,0.0,32.38N,115.24W,h3km,ML4.2(PAS),ML4.3(ECC),After ECX.
NEIC Felt [I] at Mexicali, Also felt at Delta and Ensenada. Felt at San Luis Rio Colorado, Sonora and at Phoenix and Yuma, Arizona. Felt [I] at El Centro, California. Also felt at Blythe, Calexico, Oceanside, Ramona, San Diego, Vista and Winterhaven.

ECX 18 13:31:42.4,0.0,32.38N,115.24W,h3km,MD4.1,ML4.3, Fault plane solution: Np1:304.90000°,delta:52000°,lambda:26.57000°

MEX 18 13:31:42.3,0.8,32.47N,115.12W,h5km,MD3.9, ISC 18 13:31:41.7,0.9,32.36N,0.02:115.28W,0.02,h4km,6km, n121,ci19971133,mb3.5/4,4C-11D,California-Baja California border region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CPBX Cerro Prieto, CPBX Mexicali, CPBX Mexicali, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Y14A Wickenburg, LDFC Hector,Ludlow, BFSC Mount Baldy Ra, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MSAI Masohi, MSAI MSAI, MSAI Cibinong, etc.

18d 14h

mb1 3.9/3, mb1mx3.3/4.1, mbtmp3.6/3, Error ellipse: s-maj=113.9km s-min=42.5km az=123.0, New Britain region

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

IDC 18 14:04:57.51.2, 12.20N:87.02W, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.8/46, mbtmp3.8/12, ML3.4/2, MS4.1/2, Ms1 4.1/2, ms1mx3.3/34, Error ellipse: s-maj=43.1km

s-min=17.4km az=41.0, ISCJB 18 14:04:59.40.7, 11.39N:01:08:87:20W:0:07, h35km, mb4.0/13, MS4.1/2, Error ellipse: s-maj=14.5km

s-min=5.6km az=41.3, NEIC 18 14:05:02.61.4, 11.93N:87.26W, h45km, 1.7km, mb4.5/2, Error ellipse: s-maj=36.9km s-min=11.7km az=216.0

ISC 18 14:05:01.90.9, 12.00N:01:87:2W:0:1, h35km, n153, n144/150, mb4.0/13, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JTS JuntasAbangare, BCIP Isla Barro Col, CMIG Matias Romero, etc.

2012 JAN

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like T44A Benton, T43A Greenville, T42A Van Buren, etc.

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RES Resolute Bay, ILAR Eielson Array, TORD Torodi Ar. Bea, CMAR Chiang Mai Arr. Tables with station details.

IDC 18 14:05:16.30.9, 11.06N:140:25E, h0km, mb3.4/8, mb1 3.7/8, mb1mx3.5/50, mbtmp3.4/8, Error ellipse: s-maj=36.5km s-min=18.6km az=89.0, Western Caroline Islands

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

NIED 18 14:05:00.39:40N:142:20E, h32km, Mw3.8 Best double couple: M5.81000x1014 NP1:88.00000, 833.00000, lambda=115.00000, NP2:20.297.00000, 861.00000, lambda=75.00000

ISCJB 18 14:05:52.30.8, 39:37N:0:03:142:26E:0:09, h54km, 7km, mb3.5/3, Error ellipse: s-maj=12.2km s-min=5.5km az=5.5

JMA 18 14:05:53.4, 39:39N:142:22E, h48km, 1km, M3.7, JMA Felt 1 J1, IDC 18 14:05:55.12.1, 39:26N:142:50E, h70km, 20km, mb3.2/3, mb1 3.4/7, mb1mx3.1/61, mbtmp3.6/7, Error ellipse: s-maj=12.0km s-min=11.0km az=9.0

ISC 18 14:05:53.51.5, 39:39N:0:04:142:3E:0:1, h43km, 12km, n24, c183/30, mb3.6/3, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MIYJ Miyakonagasawa, OFUJ Ofunato, etc.

NIED 18 14:11:00.38:30N:141:90E, h17km, Mw3.8 Best double couple: M4.84000x1014 NP1:227.00000, 883.00000, lambda=177.00000, NP2:20.317.00000, 887.00000, lambda=70.00000

ISCJB 18 14:11:23.51.0, 38:27N:0:04:141:96E:0:10, h49km, 9km, mb3.4/4, Error ellipse: s-maj=13.7km s-min=5.7km az=19.1

IDC 18 14:11:24.62.9, 38:22N:142:06E, h44km, 24km, mb3.2/4, mb1 3.4/7, mb1mx3.1/62, mbtmp3.5/7, ML3.1/3, Error ellipse: s-maj=42.3km s-min=16.4km az=87.0

JMA 18 14:11:25.01.0, 38:31N:141:88E, h46km, 1km, M3.7, ISC 18 14:11:24.01.5, 38:28N:0:04:142:03E:0:10, h36km, 3km, n26, c156/30, mb3.5/4, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JIO Ouri, OFUJ Ofunato, etc.

Table with columns: Call sign, Station name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WAKE ISLAND HY 29.16, Zalesovo Beam, and Makanchi Array.

Table with columns: Call sign, Station name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like STKA, Stephens Creek, and Honiara.

Table with columns: Call sign, Station name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV, KURK, and BVAR.

MAN 18 14:11:30.937N,121.75E,h33km,mb4.6,ML3.5,MS3.4, 2D,Sulu Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like GUIM, SNPH, and RCP.

ENH 18 14:11:30.937N,121.75E,h33km,mb4.6,ML3.5,MS3.4, 2D,Sulu Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ENH, KSAR, and KSRs.

ISK 18 14:21:51.1,40.04N,33.16E,h5km,ML2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ISK, ISCJB, and CSEM.

BUI 18 14:17:57.5,117.17S,127.19E,h17km,mb4.6/47,mb5.0/34, Ms4.4/14,Ms7.4/12

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BUI, NEIC, and ISCJB.

ISK 18 14:21:51.1,40.04N,33.16E,h5km,ML2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ISK, ISCJB, and CSEM.

DDA 18 14:21:53.5,40.02N,33.20E,h7km,ML2.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like DDA, ANTO, and LOD.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LBMI, SANI, and TMTI.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LBMI, SANI, and TMTI.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like BNDI, MRSI, and APSI.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like FAKI, MRSI, and APSI.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like FITZ, WRA, and WRA.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

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

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

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

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ANTO, LOD, and ELDT.

ISC 18 14:18:04.3,1.9,0.98S,126.74E,h30km,12km,mb4.2/22, mb1.4/3.24,mb1mx4.2/41,mb1mp4.4/24,ML4.3/1,MS3.7/5, Ms1.3/7.5,ms1mx3.2/44,Error ellipse: s-maj=17.1km s-min=9.9km az=60.0

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

ISC 18 14:21:53.2,0.5,40.01N,0.033,20E,0.05,h0km,Error ellipse: s-maj=6.2km s-min=4.0km az=33.6

Table with columns for station call letters, station name, frequency, and other details. Includes stations like ASAR, OXZ, RPZ, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like CHTO, ZEA, CD2, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like DAWY, PAHR, LRMC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pinedale Array, Novosibirsk, Yellowknife Ar, etc.

ISCJB 18 17:35:53.0-0.4, 51.49N-0.02-16.15E:0.03, h0km, Error ellipse: s-maj=3.2km s-min=2.5km az=135.7, IPEC 18 17:35:54.7-0.3, 51.52N-1.0E: h0km, ML2.1/3, Error ellipse: s-maj=3.3km s-min=1.7km az=65.0, CSEM 18 17:35:54.7-0.2, 51.50N-1.1E, h2km, ML3.0/15, Error ellipse: s-maj=1.0km s-min=2.9km az=79.0, PRU 18 17:35:56.5, 51.45N-16.12E, h0km, UPP 18 17:35:58.7, 51.72N-15.70E, h0km, ML1.5, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KSP Ksiaz, Upec, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like OJC Ojcow, Kasperske Hory, KHC, etc.

ISC 18 17:36:36.5-8.1, 17.84S-177.83W, h555km, 79km, mb3.1/7, mb1 3.2/7, mb1mx3.0/34, mbtmp4.0/7, Error ellipse: s-maj=67.3km s-min=29.1km az=121.0, ISCJB 18 17:36:38.7-2.7, 17.8S:0.5-178.0W:0.5, h590km, mb3.6/7, Error ellipse: s-maj=82.3km s-min=23.0km az=44.2, ISC 18 17:36:39.0-2.1, 17.9S:0.4-177.8W:0.4, h590km, n10, a0555/12, mb3.5/7, Fiji Islands region.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STEA Stephens Creek, WRA Warramunga Arr, etc.

ISC 18 17:38:22.1-1.4, 30.04S-178.77W, h240km, 13km, mb2.7/2, mb1 3.0/3, mb1mx2.9/29, mbtmp3.4/3, Error ellipse: s-maj=43.6km s-min=26.0km az=145.0, Kermadec Islands.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RAO Raoul Island, URZ, etc.

ISK 18 17:39:53.1, 38.77N:43.33E, h10km, MD2.7, ISCJB 18 17:39:54.9-0.6, 38.75N:0.04-43.36E:0.07, h22km, 7km, Error ellipse: s-maj=9.9km s-min=5.1km az=20.5, CSEM 18 17:39:54.4-0.2, 38.77N:43.36E, h15km, MD2.7, Error ellipse: s-maj=6.9km s-min=4.3km az=108.0, DDA 18 17:39:54.8, 38.71N:43.40E, h7km, ML2.6, ISC 18 17:39:54.7-1.0, 38.76N:0.03-43.37E:0.04, h14km, 9km, n24, a0561/34, Turkey.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VANB Van, WARR Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SIRT Sirnak, SIRT Sirnak, SIRT Cukurca, etc.

ISC 18 17:45:52.2-1.7, 11.09S-165.50E, h0km, mb3.4/3, mb1 3.8/5, mb1mx3.5/36, mbtmp3.6/5, ML4.0/2, Error ellipse: s-maj=40.5km s-min=30.4km az=132.0, Santa Cruz Islands.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

ISC 18 17:46:26.0-1.7, 11.09S-165.44E, h0km, mb3.4/3, mb1 3.8/5, mb1mx3.6/36, mbtmp3.7/5, ML4.1/2, MS4.2/1, Ms1 4.2/1, mb1mx3.1/20, Error ellipse: s-maj=40.5km s-min=31.3km az=131.0, Santa Cruz Islands.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HNR Honiara, DZM Mont Dzumac, RAO Raoul Island, etc.

ATH 18 18:15:53.8, 40.43N-26.02E, h27km, 2km, ML1.7/7, Error ellipse: s-maj=2.5km s-min=0.7km az=302.0, DDA 18 18:15:53.4, 40.44N-26.00E, h6km, Md2.9, ISCJB 18 18:15:54.2-0.4, 40.41N-26.03E:0.03, h6km, 4km, Error ellipse: s-maj=3.4km s-min=3.2km az=176.8, CSEM 18 18:15:54.4-0.1, 40.41N:26.03E: h10km, MD2.7, Error ellipse: s-maj=2.3km s-min=0.9km az=100.0, ISK 18 18:15:54.0, 40.38N-26.08E, h8km, MD2.7, ISC 18 18:15:54.3-0.9, 40.43N:0.02-26.03E:0.02, h13km, 8km, n55, a0555/84, Turkey.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GADA Gvigeada, ENEZ Enez, ENEZ Enez, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Saint Saulte, Bourongan, Izmir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MTLF, HINF, HINP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAN 18, ZEY, URLA, etc.

Table with columns: PDAR, OGNE, HFTA, ISCO, COXA, AHID, EGMT, ECSD, HLD, DUD, H10CA, ULM, YKA, ZALV, MKAR. Includes station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like Leonicito, Uspallata, El Roble, etc.

SDA 18:09:38.7±1.2, 31.74Sx70.22W, h14km, 27km, ML3.5, MW3.7, Chile-Argentina border region. Includes coordinates and station names like RTLS, AUSP, ROCI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like Huatulco, HUIG, PCIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like Vista Hermosa, VHO, CCIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like LTX, TX31, TXAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like LPIG, ABTX, MNTX, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like W36A, OK020, OK021, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like V35A, AMTX, TULI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like HHAR, ZARC, YOTO, etc.

Table with columns: RUSC, CHIC, mhrcro, X16A, SDCO, SDV, GLA, SJG, ATAH. Includes station names and coordinates.

Table with columns: PD31, PDAR, NV01, NVAR, NVAR, SNOW, HLD, AGMN. Includes station names and coordinates.

Table with columns: MCMT, ULM, NEW, LPAZ, SCHO, YKA, YKA, YKA. Includes station names and coordinates.

Table with columns: FRB, RKT, CPUP, CPUP, PLCA, PLCA. Includes station names and coordinates.

Table with columns: ILI, HUIG, ILB, SPF, MLY, PPT, PPT2, TBI. Includes station names and coordinates.

Table with columns: PAB, ESDC, ESDC, ESLA, ES19, AFI, MDT, PMSA. Includes station names and coordinates.

Table with columns: MEM, ARAO, ARCES, ECH, KOWA, SENIN, DBIC, DBIC, GEC2. Includes station names and coordinates.

Table with columns: GERES, GEOA, TOA1, TORD, TORD, MK32, MKAR. Includes station names and coordinates.

Table with columns: KSH, KSH, KSH, LZH, LZH, WRA, WRA, CMAR. Includes station names and coordinates.

Table with columns: LPAZ, LPAZ, LPAZ, LPAZ, ARCH, PB12, PB12, MNCM, PSCG, PB11, PB11, NNA. Includes station names and coordinates.

Table with columns: LPAZ, LPAZ, LPAZ, LPAZ, ARCH, PB12, PB12, MNCM, PSCG, PB11, PB11, NNA. Includes station names and coordinates.

Table with columns: SIV, CPUP, PLCA, YKRD, YKA, WRA, SONM. Includes station names and coordinates.

ISCBJ 18:19:23.38±0.5, 2.99N; 0.06±128.8E±0.1, h250km, mb3.6/12. Error ellipse: s-maj=15.0km s-min=7.7km az=159.7. Includes coordinates and station names.

ISCBJ 18:19:23.41±0.5, 2.297N; 128.90E±0.1, h250km, mb3.3/12, s-maj=13.1km s-min=7.7km az=159.7. Includes coordinates and station names.

ISCBJ 18:19:23.40±1.0, 2.99N; 0.06±128.8E±0.1, h250km, n27, s-maj=15.0km s-min=7.7km az=159.7. Includes coordinates and station names.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like SGGSI, LBMI, SIJI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like TAPAN, RAMN, JUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like PKI, PKIN, KKN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like DMN, SONM, KOLN, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like ZALV, ILAR, ARCES, etc.

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

NIED 18:19:32.00±0.9, 51.21N; 160.98E, h49km, 32km, ML3.7, Off east coast of Kamchatka Peninsula. Includes coordinates and station names.

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

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

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

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

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

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

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

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

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

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

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

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

BUI 18:19:32.46±1.38, 99N; 142.89E, h37km, mb4.4/4.1, mb4.8/26, Ms4.4/14, Ms7.4/12. Includes coordinates and station names.

ISCBJ 18:19:32.46±0.7, 39.07N; 0.03±142.58E±0.04, h22km, 4km, mb4.4/58, MS3.7/11. Error ellipse: s-maj=5.3km s-min=3.7km az=30.4. Includes coordinates and station names.

JMA 18:19:32.49±2.0, 1.39°N; 142.46E, h30km, 1km, M4.3 JMA Feil II JI. Includes coordinates and station names.

MOS 18:19:32.49±4.1, 39.14N; 142.54E, h43km, mb4.7/26, Error ellipse: s-maj=2.4km s-min=5.5km az=94.5. Includes coordinates and station names.

IDC 18:19:32.51±7.1, 39.08N; 142.42E, h45km, 16km, mb3.9/21, Mb1.4/12, mb1mx4.0/46, mbtmp4.2/27, ML3.8/5, MS3.4/12, Ms1.3/12, ms1mx3.2/50, Error ellipse: s-maj=16.1km s-min=11.8km az=108.0. Includes coordinates and station names.

NEIC 18:19:32.51±0.6, 39.09N; 142.49E, h44km, 5km, mb4.7/19, Error ellipse: s-maj=6.4km s-min=4.2km az=121.0. Includes coordinates and station names.

NEIC Recorded [2 JMA] in Iwate and Miyagi. Includes coordinates and station names.

ISC 18:19:32.50±3.0, 39.09N; 0.04±142.58E±0.05, h35km, 2km, n163, 1187/193, mb4.5/58, MS3.6/11, 6C-6D, Near east coast of eastern Honshu. Includes coordinates and station names.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, ASAJ, YUK, SHO, INU, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H11N1, H11N3, H11S1, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HYT, KKAR, ARU, etc.

IDC 18:19:42:19.7:1.5, 60:50S:57:65W, h0km, mb4.1/5, mbl 4.2/5, mbl1mx3.9/26, mbtpm4.1/5, Error ellipse: s-maj=55.2km s-min=41.1km az=111.0, South Shetland Islands

IDC 18:19:44:1.1:1.7, 60:44S:57:63W, h0km, mb4.1/4, mbl 4.2/4, mbl1mx3.8/28, mbtpm4.0/4, Error ellipse: s-maj=62.8km s-min=46.2km az=91.0, South Shetland Islands

Table with columns: V35A, Meyer Ranch, C, 17.62 354 P, Pn, 19 59 53.1 -1.1, etc. Lists various stations and their coordinates.

Table with columns: 040A, La Belle, 21.97 5 P, P, 20 00 42.5 +0.1, etc. Lists various stations and their coordinates.

Table with columns: KSRS, Korea Array, 19.68 13 LR, LR, 20 07 06.1, etc. Lists various stations and their coordinates.

NIED 18 20:19:00, 36:20N, 143:30E, h5km, Mw3.8 Best double couple: 1.05, 55000x1014, NP1:32, 22, 00000, 636, 00000, 1:99, 00000, NP2:99, 186, 00000, 555, 00000, etc.

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

18d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNSB, NNSH, NNSH, JTI, WHF, TDCB, CHGB, CHGB, LIOB, NSTT, HGSD, HGSD, YULB, YULB, SSSLB, SSSLB.

MAN 18 21:57:33, 10.92N-122.30E, h&km, mb4.1, ML2.9, MS2.6, 2D, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM, GUIM, RCP, RCP, SNPH, SNPH, SJJMP, SJJMP, BUSP, BUSP, ENPP, ENPP.

ISCJB 18 22:09:19.8.0.4, 7.26S, 0.03x129.40E, 0.04, h150km, mb3.7/6, Error ellipse: s-maj=6.3km s-min=4.7km az=16.8

18 22:09:19.7.2.1, 7.21S, 129.24E, h139km, 18km, mb3.5/5, mb1.3/8.9, mb1mx3.6/29, mbtmp4.1/9, Error ellipse: s-maj=35.1km s-min=16.9km az=76.0

DJA 18 22:09:20.6.0.5, 7.5S, 3x12.9E, h201km, 11km, M4.4/7, mB5.0/2, mb4.4/7, MLV4.4/7, Mw(MB)4.4/2

ISC 18 22:09:20.3.0.6, 7.25S, 0.05x129.28E, 0.06, h150km, n35, c=278/43, mb3.8/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI, SAUI, ANDI, ANDI, BAI, BAI, NLAJ, NLAJ, FAKI, FAKI, SOEI, SOEI, KMPI, KMPI, SANI, SANI, SUJI, SUJI, LMI, LMI, MMRI, MMRI, RKPI, RKPI, EDFI, EDFI, BASI, BASI, FITZ, FITZ, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, PMG, PMG, STKA, STKA, CMAR, CMAR, ODAN, ODAN, TAPN, TAPN, RAMN, RAMN, JIRN, JIRN, GUN, GUN, KKN, KKN, DMN, DMN, KOLL, KOLL, PYUN, PYUN, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ILAR, ILAR, TORD, TORD, LPAZ, LPAZ.

18 22:30:53.6.1.3, 32.34N-97.43W, h0km, mb3.6/3, mb1.3/8.5, mb1mx3.4/51, mbtmp3.6/5, ML3.9/2, Error ellipse: s-maj=26.4km s-min=15.6km az=144.0

NEIC 18 22:30:55.0.0.3, 32.37N-97.49W, h5km, MN3.3, Error ellipse: s-maj=4.8km s-min=3.8km az=147.0

NEIC Felt [V] at Cleburne and Godley; [II] at Burleson, Granbury and Joshua; [II] at Fort Worth. Felt in the Gainesville-Georgetown-Teague area. Felt at Ardmore and Lone Grove, Oklahoma.

ISC 18 22:30:54.4.1.2, 32.36N, 0.02x97.49W, 0.02, h7km, gkm, n150, c122/186, mb3.3/3, Central Texas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHTX, WHTX, WHTX, WHTX, 136A, 136A, 236A, 236A.

2012 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 236A, 236A, 236A, 237A, 237A, 137A, 137A, 435B, 435B, Y35A, Y35A, Z37A, Z37A, ABTX, ABTX, ABTX, ABTX, Y36A, Y36A, Y36A, Y36A, X36A, X36A, NATX, NATX, NATX, NATX, WMOK, WMOK, WMOK, WMOK, JCT, JCT, JCT, JCT, Y38A, Y38A, W35A, W35A, X37A, X37A, Z39A, Z39A, Z39A, Z39A, X38A, X38A, OK020, OK020, OK020, OK020, W37B, W37B, OK021, OK021, 140A, 140A, V35A, V35A, X39A, X39A, Z40A, Z40A, V36A, V36A, W38A, W38A, TUL1, TUL1, TUL1, TUL1, 341A, 341A, 141A, 141A, 241A, 241A, W40A, W40A, ANMO, ANMO, MIAR, MIAR, MIAR, MIAR, V37A, V37A, Z41A, Z41A, W39A, W39A, U32A, U32A, U36A, U36A, AMTX, AMTX, AMTX, AMTX, V38A, V38A, 833A, 833A, Y41A, Y41A, X40A, X40A, U37A, U37A, T35A, T35A, W40A, W40A, T34A, T34A, 142A, 142A, MSTX, MSTX, Z42A, Z42A, U38A, U38A.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T36A, T36A, UALR, UALR, Y42A, Y42A, X301, X301, V40A, V40A, W41B, W41B, T37A, T37A, U39A, U39A, WHAR, WHAR, S34A, S34A, T38A, T38A, X42A, X42A, S35A, S35A, U40A, U40A, S36A, S36A, V41A, V41A, Y43A, Y43A, T39A, T39A, S37A, S37A, R34A, R34A, R35A, R35A, U41A, U41A, TXAR, TXAR, TXAR, TXAR, TXAR, TXAR, TX31, TX31, V42A, V42A, R36A, R36A, W43A, W43A, T40A, T40A, S39A, S39A, R37A, R37A, R38A, R38A, U42A, U42A, Q34A, Q34A, Q35A, Q35A, T41A, T41A, S40A, S40A, Z45A, Z45A, CBKS, CBKS, CBKS, CBKS, MNTX, MNTX, MNTX, MNTX, S41A, S41A, T42A, T42A, U43A, U43A, P34A, P34A, P35A, P35A, R40A, R40A, Q38A, Q38A, PBMO, PBMO, T43A, T43A, CCM, CCM, CCM, CCM, P37A, P37A, S42A, S42A, R41A, R41A, U44B, U44B, ANMO, ANMO, ANMO, ANMO, P38A, P38A, R42A, R42A, R43A, R43A, Q41A, Q41A, X47A, X47A, Q38A, Q38A, P40A, P40A, SDCO, SDCO, SDCO, SDCO, V46A, V46A, 121A, 121A, WVT, WVT, WVT, WVT, P41A, P41A, BGNE, BGNE, ECSD, ECSD, CMIG, CMIG, YKA, YKA, ILAR, ILAR, PTGA, PTGA, WRA, WRA.

18 22:32:29.8.1.1, 30.59N, 41.75W, h0km, mb4.1/17, mb1.3/8.19, mb1mx4.0/66, mbtmp4.1/17, MS3.8/19, Mb1.3/8.19, ms1mx3.7/41, Error ellipse: s-maj=35.6km s-min=14.6km az=11.0

ISN 19 00:01:36.3:1.1, 38:89N-43:62E, h0km, ML3.8
DDA 19 00:01:51.7, 38:94N-43:62E, h5km, ML3.2
ISK 19 00:01:51.1, 38:96N-43:61E, h5km, ML3.8
CSEM 19 00:01:52.9:0.2, 38:98N-43:65E, h5km, ML3.2, Error
ellipse: s-maj=4.4km s-min=3.6km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, YVNB Van-Muradiye, ERVC ERIS-VAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ofunato, OFUJ Ofunato, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN 19:47.9, 11:33N-61.70W, h14km, MD3.6, Windward Islands, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ILAR Eielson Array.

CSEM 19 00:35:06.2:0.2, 67:79N-20:29E, h0km, 3km, ML2.1, Error
explosion: s-maj=5.2km s-min=4.6km az=54.0, Mining
explosion: s-maj=5.2km s-min=4.6km az=54.0, Mining

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HEL 19:00:35:07.2:0.1, 67:82N-20:19E, h0km, ML2.1 (UPP), Explosion, Sweden, etc.

ISN 19 00:46:45.9:0.8, 29:42N-82:00E, h0km, mb3.8/12,
mb1 4.0/15, mb1mx3.7/56, mbtmp3.8/15, ML4.0/3, MS4.0/1,
MS1 4.0/1, ms1mx2.9/48, Error ellipse: s-maj=28.1km
s-min=15.7km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LGTI Lohaghat, DANN Dangising, KOLN Koldanda, etc.

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

ISCJB 19 02:12:53.74 1.2, 22.69S, 0.07:66.96W, 0.04, h182km, 16km, Error ellipse: s-maj=11.0km s-min=5.4km az=15.6

GUC 19 02:12:53.4 0.4, 22.63S, 67.15W, h200km, ML3.9 SJA 19 02:12:53.4 0.3, 22.64S, 66.84W, h186km, 6km, ML3.0, MW3.0

ISC 19 02:12:53.2 2.5, 22.65S, 0.07:66.92W, 0.05, h189km, 24km, n15, 0.67823, 1.3, Juijuy Province

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

ISCJB 19 02:14:42.3 0.2, 36.61N, 0.02:70.78E, 0.04, h188km, mb4.2/35, Error ellipse: s-maj=4.0km s-min=3.2km az=1.6

ISC 19 02:14:42.6 2.2, 36.45N, 70.93E, h192km, 21km, mb3.7/22, mb1.3/7.29, mb1mx3.5/7.1, mbmp4.2/29, MS4.6/2, Ms1.4/6.2, ms1mx2.3/2.47, Error ellipse: s-maj=1.8km s-min=0.9km az=17.0

NEIC 19 02:14:43.0 0.6, 36.51N, 71.01E, h200km, 6km, mb4.4/18, Error ellipse: s-maj=5.7km s-min=5.2km az=154.0

NNC 19 02:14:48.0 1.9, 36.91N, 70.97E, h219km, 16km, mb3.4, mpv4.9, Error ellipse: s-maj=20.0km s-min=12.8km az=46.0

ISC 19 02:14:42.5 0.4, 36.57N, 0.04:70.89E, 0.04, h188km, n108, s1955/126, mb4.1/35, 10C-8D, Hindu Kush region

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

Main table with columns: UCH, Uchtor, 6.31 25 P, Pn, 02 16 15.6 +1.5. Includes stations like KZA, EKSS, KK31, etc.

Main table with columns: KEST, Kesra, 48.93 288 P, P, 02 23 10.4 +0.7. Includes stations like SEY, ESCD, TOA1, etc.

Table with columns: Station, Time, Az, El, P, S, R, Res. Includes stations like MYIG, HDC, TLIG, MTJD, LMG, PAYG, KVTX, 544A, 543A, 445A, 442A, 446A, 447A, 441A, 448A, 343A, 345A, 346A, 342A, 344A, 341A, 347A, 348A, LGNH, 244A, 242A, NATX, 247A, VBMS, JCT, PRAC, 146A, 143A, 141A, 236A, 140A, 139A, WHTX, WHTX, WHTY, RUSC, 136A, 246A, LRAL, 247A, 241A, 240A, LTX, LTX, TXAR, TXAR, 239A, TX31, 249A, 238A, 237A, WLAR, CCAR, Y46A, Y41A, 236A, Y47A, Y40A, Y48A, Y39A, SDV, Y38A, GOGA, OXF, X40A, X48A, X48A, MIAR, MIAR, Y35A, X49A, X50A, X38A, X37A, X35A, X36A, X30I, W40A.

Table with columns: Station, Time, Az, El, P, S, R, Res. Includes stations like W38A, W48A, W37B, W37B, W37B, W37B, W36A, W36A, W42A, W35A, W35A, W40A, GNAR, WMOK, W39A, W38A, CPCT, OK022, OK020, MNTX, MNTX, WWT, OK021, V36A, V36A, TUL1, U40A, V35A, V35A, HHAR, TKL, TKL, U47A, U38A, U37A, U36A, U35A, T39A, T47A, T38A, T37A, T35A, T36A, S40A, SIUC, T34A, S38A, S39A, S39A, S37A, S36A, ATAH, ATAH, S35A, 121A, R38A, S34I, W34I, WCI, R47A, R37A, R36A, R35A, Y22D, Y22E, Q36A, Q36A, KSU1, KSU1, P35A, X16A, P17A, SADO, SADO, NV01, NV01, NVAR, NVAR, NVAR, NVAR, MDDP, MDDP, ULMD, LPAZ.

Table with columns: Station, Time, Az, El, P, S, R, Res. Includes stations like MNMC, KTRM, SIV, SIV, SCHO, SCHO, YKA, YKA, YKA, YKA, YKB5, YKB5, YKB5, CPUP, CPUP, PLCA, PLCA, ILAR, ILAR, PPT, PPT, TOA1, TOA1, TORO, TORO, HHC, HHC, HHC, HHC, WMQ, WMQ, KSH, KSH, KSH, KSH, KSH, LZH, LZH, LZH, CD2, CD2, CD2, CD2, CD2, CD2, WRA, WRA, AS31, ASAR, CM31, CMAR, IDC, IDC, ISC, ISC, Code, Station, Name, Az, El, P, S, R, Res. Includes stations like HNR, DZM, DZM, CTA, H11S2, H11S3, H11S1, STKA, H11N1, H11N3, H11N2, WRA, WRA, ASAR, RAR, ILAR, NVAR, MKAR, YKA, NEIC, NEIC, NEIC, GUC, GUC, Code, Station, Name, Az, El, P, S, R, Res. Includes stations like SJA, RTLS, AUSP, AMOG, AMOG, ASAL, ASAL, ARCO, ARCO, AAGR, AAGR, ACAN, ACAN, PEL, PEL, PEL, PEL, CLCH, CLCH, CLCH, ROCH, ROCH, ROCH.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PET comp=Z,600nm,14.5s, PET comp=Z,2um,19.0s, PET comp=Z,2um,21.0s, etc.

PBKT	Sadao Pong	69.56 292	P	P	06 09 48.4 +0.3	
PHET	Kaeng Krachan	69.67 188	P	P	06 10 00.5 +1.2	
XAN	Xi'an	70.04 312	P	P	06 09 50.3 -0.6	
XAN			sP	sP	06 10 03.4 -1.5	
XAN			PcP	PcP	06 10 12.9 0.0	
XAN			PP	PP	06 12 25.1 -1.2	
XAN			S	S	06 18 53.5 -6.1	
XAN			S	SKS	06 19 44.3 -5.7	
XAN			S	SKS	06 19 44.3 -5.7	
XAN	comp=Z,14nm,1.1s			pmax	pmax	
XAN	comp=Z,690nm,7.5s			LR	LR	
XAN	comp=Z,640nm,16.7s			LR	LR	
XAN	comp=Z,1µm,18.6s			LR	LR	
NANT	Nan	70.53 295	P	P	06 09 54.1 0.0	
SRDT	SRDT	70.56 290	P	P	06 10 05.7 +1.1	
UTHA	Uthaitani	70.63 291	P	P	06 09 56.5 +1.7	
PHRAE	Phrae	70.85 294	P	P	06 10 02.0 +5.9	
KMI	Kumming	71.02 301	P	P	06 09 57.8 +0.5	
KMI			pP	pP	06 10 08.0 +0.5	
KMI			sP	sP	06 10 12.9 +1.5	
KMI			PP	PP	06 12 36.8 +1.7	
KMI			S	S	06 19 10.0 -1.7	
KMI			sS	sS	06 19 26.8 -1.8	
KMI			SS	SS	06 23 44.0 -1.5	
KMI	comp=Z,16nm,1.1s			pmax	pmax	
KMI	comp=Z,280nm,4.2s			LR	LR	
KMI	comp=Z,710nm,18.8s			LR	LR	
KMI	comp=Z,1µm,18.2s			LR	LR	
KMI	comp=Z,1µm,16.7s			LR	LR	
MA2	Magadara	71.44 352	eP	P	06 09 57.3 -1.5	
HHC	Hu-ho-hao-te	71.77 320	eP	P	06 10 01.5 +0.1	
HHC			S	S	06 19 21.4 +1.8	
HHC	comp=Z,14nm,0.9s			pmax	pmax	
HHC	comp=Z,670nm,7.1s			LR	LR	
HHC	comp=Z,2µm,17.8s			LR	LR	
HHC	comp=Z,1µm,16.6s			LR	LR	
CMAR	Chiang Mai Arr	71.99 294	P	P	06 10 03.4 +0.4	
CMAR	comp=Z,7.7nm,0.6s,baz=124,slow=4.7,SNR=22			PKPKPK P'P'df	06 37 54.0 +1.8	
CMMT	Chiang Mai	72.10 294	P	P	06 10 03.8 +0.2	
CHTO	Chiang Mai	72.10 294	P	P	06 10 03.8 +0.1	
CHTO	Chiang Mai	72.10 294	eP	P	06 10 03.8 +0.1	
CHTO	Chiang Mai	72.10 294	eP	P	06 10 03.8 +0.1	
ZEA	Zeya	72.33 337	eP	P	06 10 04.2 -0.1	
ZEA			e	e	06 19 30.0	
ZEA			e	e	06 20 14.0	
ZEA	comp=N,98nm,1.6s			pmax	pmax	
ZEA	comp=Z,130nm,1.6s			pmax	pmax	
ZEA	comp=Z,800nm,10.0s			pmax	pmax	
HIA	Hailar	72.34 330	eP	P	06 10 03.9 -0.6	
HIA	comp=Z,42nm,1.1s			MLR	MLR	
HIA	comp=Z,2µm,19.0s			MLR	MLR	
HIA	comp=Z,42nm,1.1s			eP	P	06 10 03.9 -0.6
CD2	Chengdu	72.51 307	P	P	06 10 05.5 -0.4	
CD2			PP	PP	06 12 46.6 -1.0	
CD2			S	S	06 19 30.4 +2.1	
CD2			SS	SS	06 24 10.3 +2.4	
CD2	comp=Z,40nm,0.6s			pmax	pmax	
CD2	comp=Z,880nm,5.7s			LR	LR	
CD2	comp=Z,2µm,16.7s			LR	LR	
CD2	comp=Z,2µm,20.1s			LR	LR	
CD2	comp=Z,2µm,17.1s			LR	LR	
BTO	Batou	72.63 319	eP	P	06 10 06.4 -0.1	
SEY	Seymchan	74.51 354	P	P	06 10 16.4 -0.5	
SEY	Seymchan	74.51 354	iP	P	06 10 16.5 -0.4	
LZH	Lanzhou	74.68 312	eP	P	06 10 19.4 +0.7	
LZH			pP	pP	06 10 31.3 -1.5	
LZH			sP	sP	06 10 35.8 +3.0	
LZH			PcP	PcP	06 13 09.0 +2.9	
LZH			PP	PP	06 19 42.3 +0.2	
LZH			S	S	06 20 10.3 +0.6	
LZH			sS	sS	06 20 19.0 -6.1	
LZH			SKS	SKS	06 20 19.0 -6.1	
LZH	comp=Z,75nm,1.2s			pmax	pmax	
LZH	comp=Z,970nm,9.5s			LR	LR	
LZH	comp=Z,700nm,14.0s			LR	LR	
LZH	comp=Z,960nm,15.1s			LR	LR	
CLNS	Chul'man	75.57 338	eP	P	06 10 22.6 -0.6	
CLNS	comp=Z,29nm,1.1s			pmax	pmax	
CLNS	comp=N,14nm,1.3s			pmax	pmax	
CLNS	comp=E,12nm,0.9s			pmax	pmax	
OHAK	Old Harbor	76.02 22	eP	P	06 10 25.2 -0.4	
GAMB	Gambell	76.65 10	eP	P	06 10 28.7 -0.4	
KDAK	Kodiak Island	76.69 22	iP	P	06 10 29.5 +0.1	
KDAK	Kodiak Island	76.69 22	iP	P	06 10 40.0 +1.1	
KDAK	comp=Z,992nm,19.0s			LR	LR	
CIT	Chita	77.13 330	eP	P	06 10 32.1 -0.1	
CIT			eP	eP	06 10 40.9	
YAK	Yakutsk	78.10 344	eP	P	06 10 36.2 -1.1	
YAK			ePPP	ePPP	06 15 20.4	
YAK			eS	eS	06 20 29.0 0.0	
YAK			eSS	eSS	06 20 57.2 +2.8	
YAK			eSS	eSS	06 21 16.7	
YAK	comp=Z,27nm,1.0s			pmax	pmax	
YAK	comp=N,7.0nm,1.4s			pmax	pmax	
YAK	comp=E,3.0nm,1.2s			pmax	pmax	
YAK	comp=Z,278nm,5.9s			pmax	pmax	
YAK	comp=N,122nm,7.4s			pmax	pmax	
YAK	comp=E,139nm,5.2s			pmax	pmax	
YAK	comp=N,151nm,5.2s			pmax	pmax	
YAK	comp=E,245nm,7.0s			pmax	pmax	
YAK	Yakutsk	78.10 344	eP	P	06 10 36.2 -1.1	
YAK			LR	LR		
SWV2	Sparrevohn	78.21 18	eP	P	06 10 37.9 -0.1	
ULN	Ulanbaatar	78.25 324	iP	P	06 10 38.5 -0.2	
ULN			pmax	pmax		

ULN	Ulanbaatar	78.25 324	eP	P	06 10 38.4 -0.3	
ULN	comp=Z,22nm,1.0s			LR	LR	
ULN	comp=Z,1µm,19.0s			LR	LR	
SOMN	Songno Array	78.62 324	P	P	06 10 40.2 -0.5	
SOMN	comp=Z,7.7nm,1.0s,baz=143,slow=6.2,SNR=36			LR	LR	
SOMN	comp=Z,1µm,19.6s,baz=118,slow=35			LR	LR	
QSPA	South Pole Qui	78.91 180	eP	P	06 10 42.5 +0.5	
BILL	Bilibino	78.93 0	iP	P	06 10 41.1 -0.7	
BILL			e	e	06 10 49.9	
BILL			e	e	06 13 37.8	
BILL			eS	eS	06 20 38.2 +0.5	
BILL			eS	eS	06 20 38.2 +0.5	
BILL	comp=Z,57nm,1.2s			pmax	pmax	
GTA	Gaotai	78.98 314	eP	P	06 10 43.0 +0.1	
GTA			pP	pP	06 10 53.8 +0.5	
GTA			sP	sP	06 10 57.3 +0.2	
GTA			sS	sS	06 20 42.0 +2.3	
GTA			SKS	SKS	06 20 59.4 +1.7	
GTA	comp=Z,18nm,1.2s			pmax	pmax	
GTA	comp=Z,280nm,6.7s			LR	LR	
GTA	comp=Z,1µm,14.7s			LR	LR	
GTA	comp=Z,1µm,20.4s			LR	LR	
GTA	comp=Z,1µm,20.9s			LR	LR	
SPU	Mount Spurr	79.39 19	eP	P	06 10 45.3 +0.8	
SPU			eP	eP	06 10 55.5 +0.7	
SEW	Seward	79.49 21	eP	P	06 10 44.1 -0.9	
RC01	Rabbit Creek A	80.10 20	eP	P	06 10 47.5 -0.7	
BOD	Bodaibo	80.51 335	eP	P	06 10 48.7 -1.8	
BOD			pmax	pmax		
PMR	Palmer	80.66 20	eP	P	06 10 50.4 -0.8	
PMR			pmax	pmax		
PMR	comp=Z,26nm,1.0s			eP	P	06 10 50.4 -0.8
PMR	Palmer	80.66 20	eP	P	06 10 50.4 -0.8	
PMR	comp=Z,26nm,1.0s			eP	P	06 11 00.0 +7.7
RPN	Rapa Nui	80.69 116	PFAKE	LR	06 11 00.0 +7.7	
SML	Sawmill	81.08 20	eP	P	06 10 53.2 -0.4	
SML			pmax	pmax		
SML	comp=Z,16nm,1.3s			eP	P	06 10 53.2 -0.4
SML	Sawmill	81.08 20	eP	P	06 10 53.2 -0.4	
SML	comp=Z,16nm,1.3s			eP	P	06 10 53.9 -1.9
KTH	Kantishna Hill	81.50 18	eP	P	06 10 53.9 -1.9	
KTH	comp=Z,16nm,0.9s			eP	P	06 10 55.3 -0.6
DIV	Divide	81.52 22	eP	P	06 10 55.3 -0.6	
DIV	comp=Z,76nm,1.0s			eP	P	06 14 03.2 +0.5
TRF	Thorofare Moun	81.62 18	eP	P	06 10 55.0 -1.5	
ZAK	Zakamensk	81.66 325	eP	P	06 10 55.6 -1.4	
ZAK			pmax	pmax	06 13 58.9	
ZAK	comp=Z,14nm,1.1s			pmax	pmax	
ZAK	comp=Z,5.0nm,1.3s			pmax	pmax	
BRMI	Brenner River	81.84 22	eP	P	06 10 56.9 -0.7	
BRMI	comp=Z,64nm,0.9s			eP	P	06 10 55.9 -1.8
BPWA	Bear Paw Mtn.	81.88 18	eP	P	06 10 55.9 -1.8	
BPWA	comp=Z,2.4nm,1.0s			eP	P	06 10 58.7 -0.4
TYL	Talaya	82.08 326	eP	P	06 10 58.7 -0.4	
TYL			eS	eS	06 11 09.2	
TYL			eS	eS	06 21 18.2 +6.8	
TYL	comp=Z,12nm,1.0s			MLR	MLR	
TYL	comp=Z,575nm,17.0s			MLR	MLR	
TYL	Talaya	82.08 326	eP	P	06 10 58.2 -0.8	
TYL	comp=Z,14nm,0.8s			LR	LR	
MCK	McKinley	82.25 19	eP	P	06 10 58.2 -1.4	
MCK			pmax	pmax		
MCK	comp=Z,73nm,1.2s			eP	P	06 10 58.2 -1.4
MCK	McKinley	82.25 19	eP	P	06 10 58.2 -1.4	
MCK	comp=Z,73nm,1.2s			eP	P	06 11 10.0 +9.0
LSA	Lhasa	82.25 302	PFAKE	LR	06 11 10.0 +9.0	
LSA	comp=Z,677nm,20.0s			eP	P	06 11 02.2 -0.2
MCCM	Marconi Confer	82.68 49	eP	P	06 11 02.2 -0.2	
MCCM	comp=Z,160nm,0.8s			eP	P	06 11 01.8 -1.1
PAX	Paxson	82.86 20	eP	P	06 11 01.8 -1.1	
PAX	comp=Z,14nm,0.9s			pmax	pmax	
PAX	Paxson	82.86 20	eP	P	06 11 01.8 -1.1	
PAX	comp=Z,14nm,0.9s			eP	P	06 11 05.6 -0.1
SAO	San Andreas Ge	83.29 51	eP	P	06 11 05.6 -0.1	
SAO	comp=Z,29nm,1.0s			eP	P	06 11 05.6 -0.1
SAO	San Andreas Ge	83.29 51	eP	P	06 11 05.6 -0.1	
SAO	comp=Z,29nm,1.0s			eP	P	06 11 04.0 -1.5
COLA	College	83.39 18	eP	P	06 11 04.0 -1.5	
COLA	comp=Z,50nm,0.8s			MLR	MLR	
COLA	College	83.39 18	eP	P	06 11 04.0 -1.5	
COLA	comp=Z,2µm,20.0s			LR	LR	
COLA	comp=Z,50nm,0.8s			LR	LR	
COLA	comp=Z,2µm,20.0s			LR	LR	
L02D	Cave Junction,	83.57 45	P	P	06 11 07.3 +0.3	
L02D	baz=249			eP	P	06 11 05.2 -1.5
ILAR	Eielson Array	83.61 19	P	P	06 11 05.2 -1.5	
ILAR	comp=Z,16nm,0.8s,baz=229,slow=4.6,SNR=163			PKPKPbc	PKPKPbc	06 29 24.9 -2.8
ILAR	comp=Z,0.8nm,1.0s,baz=355,slow=1.9,SNR=6.2			LR	LR	06 44 47.8
DOT	Dot Lake	83.78 20	eP	P	06 11 07.0 -0.7	
DOT	comp=Z,186nm,1.2s			eP	P	06 11 08.8 +0.4
N02D	Trinity Center	83.78 46	P	P	06 11 08.8 +0.4	
N02D	comp=Z,250,SNR=6.6			eP	P	06 11 08.8 +0.4
M02C	Galatari	83.82 46	P	P	06 11 09.0 0.0	
M02C	comp=Z,250,SNR=6.3			eP	P	06 11 09.0 0.0
SMMC	Simmler	83.94 52	P	P	06 11 09.0 0.0	
PKM	McPherson Peak	83.95 53	P	P	06 11 09.3 0.0	
HUMO	Hull Mountain	84.18 45	eP	P	06 11 10.4 +0.3	
O03D	Paynes Creek	84.20 47	P	P	06 11 10.0 -0.3	
O03D	comp=Z,203nm,0.9s			eP	P	06 11 10.6 0.0
I03D	Drain, OR	84.30 44	P	P	06 11 10.6 0.0	
I03D	baz=249			eP	P	06 11 10.8 +0.1
COLD	Coldfoot	84.39 16	eP	P	06 11 10.8 +0.1	
COLD	comp=Z,9nm,1.0s			PFAKE	PFAKE	06 11 20.0 +8.8
WRAK	Wrangell Islan	84.46 30	PFAKE	LR	06 11 20.0 +8.8	
WRAK			LR	LR		
TAPN	Taplejung	84.49 299	eP	P	06 11 12.0 -0.4	
TAPN	comp=Z,3µm,20.0s			eP	P	06 11 11.3 -0.6
CMB	Columbia Cole	84.50 50	eP	P	06 11 11.3 -0.6	
CMB	comp=Z,113nm,0.9s			pmax	pmax	06 11 11.3 -0.6
CMB	Columbia Cole	84.50 50	eP	P	06 11 11.3 -0.6	
CMB	comp=Z,113nm,0.9s			eP	P	0

ADKI	comp=Z,12nm,1.2s	eSKSac	SKSac	06 21 60.0	-1.1	
ADKI	comp=Z,163nm,12.2s	IVMs_BB	IVMs_BB	06 41 35.0		
WMQ	89.02 315	P	P	06 11 33.4	-0.4	
WMQ		pP	pP	06 11 45.1	+0.7	
WMQ		PP	PP	06 15 09.4	+5.3	
WMQ		pmax	pmax			
WMQ	comp=Z,19nm,2.3s	LR	LR			
WMQ	comp=Z,960nm,18.3s	LR	LR			
WMQ	comp=Z,2um,23.1s	LR	LR			
NJS	comp=Z,2um,22.3s	eP	IAMB	06 11 35.7	-1.4	
NJS	comp=Z,14nm,1.1s	eSKSac	SKSac	06 22 05.0	-0.7	
NJS		IVMs_BB	IVMs_BB	06 34 43.6		
NEW	comp=Z,204nm,15.2s	89.89 41	P	P	06 11 37.2	-0.5
NEW	Newport	comp=Z,8.5nm,0.8s,baz=241,slo=5.0,SNR=14				
NEW	Newport	89.89 41	P	P	06 11 37.5	-0.3
NEW	Newport	89.89 41	P	P	06 11 37.2	-0.5
SRLM	comp=Z,1um,20.0s	89.90 286	eP	IAMB	06 11 37.5	-1.0
SRLM	Grisailam		IAMB	06 11 38.4		
SRM	comp=Z,14nm,1.1s	eSKSac	SKSac	06 22 06.0	-1.5	
SRM		IVMs_BB	IVMs_BB	06 41 01.1		
RPR	comp=Z,158nm,4.4s	90.08 289	eP	IAMB	06 11 37.9	-1.3
RPR	Rampur		IAMB	06 11 39.2		
RPR	comp=Z,24nm,1.1s	eSKSac	SKSac	06 22 04.6	-3.7	
RPR		IVMs_BB	IVMs_BB	06 39 37.7		
HLID	comp=Z,221nm,10.2s	90.43 46	P	P	06 11 40.6	+0.1
HLID	Hailey	baz=255	eP	P	06 11 40.6	+0.1
HLID	Hailey	comp=Z,12nm,0.9s				
HLID	comp=Z,2um,19.0s	90.48 288	I	P	06 11 40.0	-1.2
HYB	Hyderabad	90.48 288	eP	P	06 11 40.4	-0.8
HYBB	Hyderabad (bro		eSKSac	SKSac	06 22 10.1	-0.7
HYBB			IVMsBB	06 48 40.6		
TUC	comp=Z,1um,25.1s	90.55 57	P	P	06 11 41.4	+0.2
TUC	Tucson	baz=257	eP	P	06 11 41.8	+0.6
TUC	Tucson		pmax	pmax		
TUC	comp=Z,29nm,0.8s		MLR	MLR		
TUC	comp=Z,5um,19.0s	90.55 57	eP	P	06 11 41.8	+0.6
TUC	comp=Z,30nm,0.8s		LR	LR		
DUG	comp=Z,5um,19.0s	90.75 49	P	P	06 11 42.0	-0.1
DUG	Dugway, Tooele	baz=256	eP	P	06 11 41.9	-0.2
DUG	Dugway, Tooele		pmax	pmax		
DUG	comp=Z,11nm,0.9s		MLR	MLR		
DUG	comp=Z,2um,20.0s	90.75 49	eP	P	06 11 41.9	-0.2
DUG	Dugway, Tooele	comp=Z,11nm,0.9s				
WUAZ	comp=Z,2um,20.0s	90.78 54	P	P	06 11 42.6	+0.2
WUAZ	Wupatki	baz=257	eP	P	06 11 42.5	+0.1
WUAZ	Wupatki	comp=Z,21nm,0.9s				
SRSP	comp=Z,2um,19.0s	90.97 289	eP	IAMB	06 11 42.0	-1.4
SRSP	Sriramsagar		IAMB	06 11 43.2		
SRSP	comp=Z,33nm,1.2s		IVMs_BB	IVMs_BB	06 44 06.9	
URV	comp=Z,153nm,9.9s	91.22 285	eP	IAMB	06 11 43.8	-0.8
URV	Urvakonda		IAMB	06 11 44.6		
URV	comp=Z,11nm,0.8s		eSKSac	SKSac	06 22 14.8	-0.3
URV			IVMs_BB	IVMs_BB	06 44 25.1	
MSO	comp=Z,152nm,14.1s	91.58 43	P	P	06 11 45.0	-0.7
MSO	Missoula	baz=256				
SYO	comp=Z,1um,19.0s	91.69 197	iP	P	06 11 46.0	+0.3
SYO	Syowa Base	91.69 197	eP	P	06 11 44.7	
HWUT	comp=Z,2um,21.0s	92.00 48	P	P	06 12 00.0	+1.2
HWUT	Hardware Ranch		PFAKE	LR		
W18A	comp=Z,2um,21.0s	92.00 55	P	P	06 11 47.5	-0.6
W18A	Petrified Fore	baz=258	eP	P	06 11 47.7	-0.4
W18A	Petrified Fore	comp=Z,15nm,1.0s				
WALA	comp=Z,15nm,1.0s	92.15 40	eP	P	06 11 48.4	-0.0
WALA	Waterton Lakes					
KLRI	comp=Z,21nm,1.0s	92.43 288	eP	IAMB	06 11 48.9	-1.4
KLRI	Killari		IAMB	06 11 49.4		
KLRI	comp=Z,17nm,1.2s		eS	SKSac	06 22 20.1	-1.8
KLRI			IVMs_BB	IVMs_BB	06 33 36.5	
AHID	comp=Z,240nm,11.9s	92.59 47	P	P	06 12 00.0	+9.3
AHID	Auburn Hatcher		PFAKE	LR		
BOZ	comp=Z,1um,19.0s	92.85 44	P	P	06 11 51.5	-0.2
BOZ	Bozeman (W)	baz=257	eP	pmax	06 11 45.1	-6.6
BOZ	Bozeman (W)		pmax	pmax		
BOZ	comp=Z,23nm,0.9s		MLR	MLR		
BOZ	comp=Z,2um,21.0s	92.85 44	eP	P	06 11 45.1	-6.6
BOZ	Bozeman (W)	comp=Z,23nm,0.9s				
BOZ	comp=Z,2um,21.0s	93.07 58	P	P	06 11 53.0	-0.1
BOZ	Cookes Peak, D	baz=259	eP	P	06 11 53.2	+0.1
121A	comp=Z,9.5nm,0.9s	93.07 58	eP	P	06 11 55.5	+1.5
121A	Cookes Peak, D	comp=Z,9.5nm,0.9s				
H17A	comp=Z,2um,21.0s	93.31 46	eP	P	06 11 55.6	+1.5
H17A	Grant Village	baz=258				
H17A	Grant Village	comp=Z,11nm,0.8s				
PV04	comp=Z,11nm,0.8s	93.32 52	eP	P	06 11 55.0	+0.9
MVCO	comp=Z,9.5nm,0.9s	93.40 53	P	P	06 11 54.0	-0.6
MVCO	Mesa Verde	baz=259			06 12 10.0	+1.5
MVCO	Mesa Verde	comp=Z,2um,19.0s				
MVCO	comp=Z,2um,19.0s	93.45 317	P	P	06 11 53.5	-0.8
MVCO	Makanchi Array	comp=Z,6.5nm,0.9s,baz=92,slo=6.1,SNR=46				
MVCO	comp=Z,1.8nm,1.0s,baz=98,slo=11,SNR=5		PP	PP	06 15 38.2	-0.8
MVCO	comp=Z,3.9nm,1.0s,baz=277,slo=2.4,SNR=18		PKKPbc	PKKPbc	06 29 00.5	-0.8
MVCO	comp=Z,619nm,21.8s,baz=76,slo=35		LR	LR	06 52 34.7	
LKWY	comp=Z,2um,20.0s	93.47 45	PFAKE	LR	06 12 10.0	+1.5
LKWY	Lake					
ZALV	comp=Z,2um,20.0s	93.51 324	P	P	06 11 52.5	-1.8
ZALV	Zalesovo Beam	comp=Z,6.8nm,0.9s,baz=61,SNR=19				
ZALV	comp=Z,6.8nm,0.9s,baz=61,SNR=19					
PV01	comp=Z,567nm,19.0s,baz=74,slo=36	93.53 52	eP	P	06 11 54.9	-0.3
PV01	Paradox Valley					
BW06	comp=Z,5.18nm,0.9s	93.70 47	P	P	06 11 54.9	-0.9
BW06	Boulder Array	baz=258	eP	P	06 11 54.3	-1.6
BW06	Boulder Array	comp=Z,7.3nm,1.0s				
BW06	comp=Z,1um,20.0s	93.70 47	P	P	06 11 55.0	-0.8
BW06	Pinedale Array	comp=Z,5.6nm,0.9s,baz=246,slo=3.0,SNR=28				
PDAR	comp=Z,0.5nm,0.7s,baz=104,slo=4.7,SNR=6.6		PKKPbc	PKKPbc	06 29 00.2	-0.8
PDAR	comp=Z,0.5nm,0.7s,baz=104,slo=4.7,SNR=6.6		LR	LR	06 50 13.0	
O20A	comp=Z,761nm,18.5s,baz=286,slo=33	94.16 50	P	P	06 11 58.0	+0.1
O20A	White River Ci					

baz=259	RLMT	Red Lodge	94.38 45	P	P	06 11 59.1	+0.3	
baz=259	RLMT	Red Lodge	94.38 45	PFAKE	LR	06 12 10.0	+1.1	
ANMO	comp=Z,2um,19.0s	Albuquerque	94.61 55	P	P	06 11 60.0	-0.2	
ANMO	Albuquerque	baz=260	94.61 55	eP	pmax	06 11 59.9	-0.2	
ANMO	comp=Z,7.0nm,1.2s	Albuquerque	94.61 55	eP	P	06 11 59.8	-0.3	
ANMO	Albuquerque	comp=Z,4.3nm,0.9s						
EGMT	comp=Z,1um,20.0s	Eagleton	94.61 42	P	P	06 11 59.6	-0.1	
EGMT	Eagleton	baz=259	94.61 42	eP	P	06 11 59.2	-0.4	
EGMT	Eagleton	comp=Z,22nm,0.8s						
NVS	comp=Z,1um,20.0s	Novosibirsk	94.61 325	eP	P	06 11 58.9	-0.5	
NVS	Novosibirsk					06 15 51.8		
NVS	comp=Z,35nm,1.7s				pmax	pmax	06 22 24.4	
NVS	comp=N,14nm,1.6s				pmax	pmax		
S22A	comp=E,18nm,1.6s	4UR Ranch, Cre	94.81 53	P	P	06 12 00.3	-0.8	
S22A	4UR Ranch, Cre	baz=260						
MNTX	comp=Z,2um,20.0s	Cornudas Mount	94.93 59	P	P	06 12 01.2	-0.2	
MNTX	Cornudas Mount	baz=260						
MNTX	comp=E,5.2nm,0.8s	Cornudas Mount	94.93 59	eP	P	06 12 00.4	-1.0	
MNTX	Cornudas Mount	comp=Z,3um,20.0s						
YKA	comp=Z,3um,20.0s	Yellowknife Ar	95.09 27	P	P	06 11 59.2	-2.1	
YKA	Yellowknife Ar	comp=Z,5.6nm,0.8s,baz=255,slo=4.6,SNR=79			PKKPbc	PKKPbc	06 28 57.0	-1.6
YKA	comp=Z,0.1nm,0.6s,baz=96,slo=2.3,SNR=4.0				LR	LR	06 52 37.7	
PMSA	comp=Z,260nm,18.1s,baz=180,slo=34	Palmer Station	95.72 161	PFAKE	LR	06 12 20.0	+1.6	
PMSA	Palmer Station	comp=Z,960nm,20.0s						
SDCO	comp=Z,1um,20.0s	Great Sand Dun	95.84 53	PFAKE	LR	06 12 20.0	+1.4	
SDCO	Great Sand Dun	comp=Z,1um,20.0s						
TXAR	comp=Z,1um,20.0s	Lajas Array	95.99 61	P	P	06 12 05.6	-0.8	
TXAR	Lajas Array	comp=Z,1.1nm,0.9s,baz=226,slo=4.4,SNR=9.8			PKKPbc	PKKPbc	06 28 55.1	+0.1
TXAR	comp=Z,0.5nm,0.9s,baz=72,slo=5.6,SNR=3.7				LR	LR	06 51 41.5	
TXAR	comp=Z,3um,18.0s,baz=0.0,slo=33	Idaho Springs	96.09 51	P	P	06 12 06.9	0.0	
ISCO	comp=Z,3um,19.0s	Idaho Springs	96.09 51	PFAKE	LR	06 12 20.0	+1.3	
ISCO	Idaho Springs	comp=Z,3um,19.0s						
KURK	comp=Z,9.0nm,1.4s	Kurchatov	96.58 320	eP	pmax	06 12 06.5	-1.9	
KURK	Kurchatov	comp=Z,119nm,1.6s						
KURK	comp=Z,3um,20.0s	Trinidad	96.61 54	P	P	06 12 09.1	-0.1	
KURK	Trinidad	baz=261						
KSH	comp=Z,3um,20.0s	Kashi	96.67 309	P	PP	06 12 10.3	+1.0	
KSH	Kashi				PP	PP	06 16 08.3	+4.0
KSH	comp=Z,2um,20.0s	Kashi	96.67 309	P	SS	06 23 49.3	+3.0	
KSH	Kashi	SS			SS	SS	06 30 04.4	+0.5
KSH	comp=Z,450nm,9.2s				pmax	pmax		
KSH	comp=Z,310nm,6.0s				LR	LR		
KSH	comp=Z,200nm,6.5s				LR	LR		
LAO	comp=Z,440nm,10.7s	LASA Array	96.74 44	P	P	06 12 09.2	-0.2	
LAO	LASA Array	baz=261						
LAO	LASA Array	comp=Z,14nm,1.3s						
AAK	comp=Z,1um,21.0s	Ala-Archa	98.22 312	LR	LR	06 58 04.1		
AAK	Ala-Archa	comp=Z,380nm,19.5s,baz=78,slo=36						
OGNE	comp=Z,2um,20.0s	Ogallala	98.96 50	PFAKE	LR	06 12 30.0	+1.0	
OGNE	Ogallala	comp=Z,2um,20.0s						
JCT	comp=Z,2um,20.0s	Junction City	99.48 61	P	Pdf	06 12 21.1	-0.9	
JCT	Junction City	baz=263						
JCT	comp=Z,3um,20.0s	Flin Flon	100.37 36	iP	Pdf	06 12 24.8	-0.5	
JCT	Flin Flon	comp=Z,4um,19.0s						
FFC	comp=Z,4um,19.0s	Flin Flon	100.37 36	PFAKE	LR	06 12 40.0	+1.5	
FFC	Flin Flon	comp=Z,2um,20.0s						
CBKS	comp=Z,2um,19.0s	Cedar Bluff	100.48 52	PFAKE	LR	06 12 40.0	+1.4	
CBKS	Cedar Bluff	comp=Z,2um,19.0s						
KVXT	comp=Z,1um,19.0s	Kingsville	100.78 64	PFAKE	LR	06 12 40.0	+1.2	
KVXT	Kingsville	comp=Z,1um,19.0s						
WMOK	comp=Z,1um,19.0s	Wichita Mouta	100.83 57	PFAKE	LR	06 12 40.0	+1.2	
WMOK	Wichita Mouta	comp=Z,3um,20.0s						
BRVK	comp=Z,3um,20.0s	Borovoye	101.96 322	eP	pmax	06 12 32.5	0.0	
BRVK	Borovoye	comp=Z,3.0nm,1.0s						
BRVK	comp=Z,1um,22.0s	Borovoye	101.96 322	PFAKE	LR	06 12 40.0	+7.5	
BRVK	Borovoye	comp=Z,1um,22.0s						
U35A	comp=Z,2um,20.0s	Pawnee	102.64 55	P	Pdf	06 12 35.2	-0.7	
U35A	Pawnee	baz=266						
H32A	comp=Z,2um,20.0s	Carlson Farm,	102.65 47	P	Pdf	06 12 35.3	-0.5	
H32A	Carlson Farm,	baz=267						
HKT	comp=Z,2um,20.0s	Hockley	102.83 62	eP	pmax	06 12 37.4	+0.6	
HKT	Hockley	comp=Z,18nm,1.5s						
KSU1	comp=Z,3um,19.0s	Kansas State U	102.9					

JCT	Junction City	19.72 333	eP	P	06 30 04.4 -0.6	V37A	Hulbert	23.28 349	P	P	06 30 41.8 -0.7	P34A	Walnut Farm, R	27.15 348	P	P	06 31 15.7 -1.7
139A	Bunkhouse Ranc	20.03 348	P	P	06 30 08.6 +0.5	OK020	N3440 Road, Me	23.33 345	eP	P	06 30 42.0 -0.9	O45A	Potomac	27.17 3	P	P	06 31 17.2 -0.3
LRAL	Lakeview Retre	20.06 7	P	P	06 30 09.4 +0.9	U40A	comp=N,14nm,0.9s	23.40 354	P	P	06 30 43.1 -0.4	CBKS	Cedar Bluff	27.18 343	P	P	06 31 16.9 -0.9
Z46A	Louisville	20.08 2	P	P	06 30 08.3 -0.4	U47A	Clarksville	23.41 5	P	P	06 30 43.3 -0.3	TUC	Tucson	27.24 318	P	P	06 31 19.4 +1.0
Z47A	Carrollton	20.13 4	P	P	06 30 09.8 +0.6	TUL1	Leonard	23.44 347	P	P	06 30 42.8 -1.1	TUC	Tucson	27.24 318	eP	P	06 31 23.0 +4.6
WHXT	Lake Whitney,	20.18 341	P	P	06 30 09.1 -0.7	U39A	Green Forest	23.50 352	P	P	06 30 43.3 -1.2	O47A	Sheridan	27.27 6	P	P	06 31 18.1 -0.4
WHXT	Lake Whitney,	20.18 341	eP	P	06 30 08.9 -0.8	MNTX	Cornudas Mount	23.52 325	P	P	06 30 44.0 -0.7	O37A	Wolven Farm, M	27.31 353	P	P	06 31 18.0 -0.9
137A	Heron Place, G	20.25 345	P	P	06 30 10.4 -0.2	MNTX	Cornudas Mount	23.52 325	eP	P	06 30 44.2 -0.6	O36A	Boickow	27.39 351	P	P	06 31 18.8 -0.8
Z49A	Columbiana	20.27 8	P	P	06 30 10.9 +0.1	V35A	Meyer Ranch, C	23.54 345	P	P	06 30 44.0 -0.8	O35A	Humboldt	27.68 350	P	P	06 31 21.5 -0.6
136A	Ennis	20.34 343	P	P	06 30 11.2 -0.4	U48A	Cassie Pea, Po	23.55 6	P	P	06 30 43.7 -1.2	N44A	Piper City	27.69 3	P	P	06 31 21.6 -0.6
Z48A	Northport	20.34 5	P	P	06 30 11.7 +0.1	PBMO	Poplar Bluff	23.66 359	eP	P	06 30 45.7 -0.1	O34A	Beatrice	27.74 348	P	P	06 31 22.4 -0.3
HPIG	comp=N,7.4nm,1.0s	20.39 315	eP	Pn	06 30 12.4 -2.7	U38A	comp=N,9.9nm,0.6s	23.69 351	P	P	06 30 44.2 -1.9	N43A	Stutzman Famil	27.80 1	P	P	06 31 23.8 +0.6
Z40A	Long Farm, Mag	20.42 351	P	P	06 30 12.4 +0.1	U37A	Salina	23.78 349	P	P	06 30 45.9 -1.0	N38A	Joes South For	27.83 354	P	P	06 31 22.8 -0.7
Z50A	Ashland	20.42 9	P	P	06 30 13.1 +0.6	U36A	Oologah	23.89 348	P	P	06 30 47.6 -0.3	N39A	Derby Farms, D	27.85 355	P	P	06 31 22.6 -1.1
Y45A	Yeager Farm, C	20.74 0	P	P	06 30 17.6 +1.8	T42A	Van Buren	23.93 357	P	P	06 30 47.7 -0.6	N36A	Muff Farm, Cla	28.06 351	P	P	06 31 24.5 -1.0
Y46A	Houston	20.77 2	P	P	06 30 17.6 +1.5	T44A	Benton	23.95 0	P	P	06 30 48.5 0.0	N35A	Tabor	28.21 350	P	P	06 31 26.7 -0.1
TX31	Lajitas Ar. Si	20.78 323	eP	P	06 30 17.1 +0.7	T43A	Greenville	23.96 359	P	P	06 30 48.6 +0.1	M41A	Milan	28.25 359	P	P	06 31 26.6 -0.6
TXAR	Lajitas Array	20.78 323	P	P	06 30 17.0 +0.6	T46A	Princeton	23.96 4	P	P	06 30 48.4 -0.2	KSCO	Kaye Shedlock'	28.30 338	P	P	06 31 26.8 -1.1
TXAR	comp=N,9.9nm,0.8s,baz=148,slow=1.1,SNR=78		PcP	PcP	06 34 26.2 +3.3	T47A	Sharon Grove	23.97 5	P	P	06 30 48.8 +0.2	M40A	Post Highland	28.31 357	P	P	06 31 27.9 +0.2
WLAR	White Oak Lake	20.80 352	eP	P	06 30 20.6 +4.2	T41A	Mountain View	23.98 356	P	P	06 30 48.3 -0.5	N34A	Lincoln	28.34 349	P	P	06 31 27.6 -0.4
Y44A	Strider, Charl	20.84 359	P	P	06 30 17.6 +0.7	MSTX	Winstoe	24.00 332	P	P	06 30 48.0 -1.2	M39A	Webster	28.42 356	P	P	06 31 28.1 -0.6
Y47A	UCPARC, Winfie	20.84 4	P	P	06 30 17.9 +1.0	U35A	Pawnee	24.09 346	P	P	06 30 48.7 -1.1	W18A	Petrified Fore	28.50 324	P	P	06 31 30.3 +0.6
CCAR	Cane Creek	20.88 355	eP	P	06 30 12.5 -4.8	U35A	Pawnee	24.09 346	eP	P	06 30 49.1 -0.6	W18A	Petrified Fore	28.50 324	eP	P	06 31 31.5 +1.8
CCAR	comp=N,20nm,0.7s		eS	S	06 34 05.7 0.0	U35A	comp=N,12nm,1.1s		ePcP	PcP	06 34 29.2 -0.1	M37A	Trindle Farm	28.52 353	P	P	06 31 28.6 -1.1
Y48A	Jasper	20.91 6	P	P	06 30 18.0 +0.4	T39A	Cleaver	24.12 353	P	P	06 30 49.3 -0.9	M36A	Felix, Anita	28.67 352	P	P	06 31 30.5 -0.5
Y41A	Eglette Beard	20.93 353	P	P	06 30 18.0 +0.2	T40A	Mansfield	24.15 354	P	P	06 30 49.5 -0.9	M35A	Neola	28.81 351	P	P	06 31 31.6 -0.6
Y49A	Blount Mountai	20.95 8	P	P	06 30 19.5 +1.4	T48A	Bowling Green	24.16 6	P	P	06 30 49.3 -1.1	L41A	Preston	28.94 359	P	P	06 31 32.8 -0.5
Z36A	Blue Ridge	21.07 344	P	P	06 30 18.6 -0.7	T38A	Diamond	24.26 351	P	P	06 30 50.9 -0.4	S22A	4UR Ranch, Cre	29.08 331	P	P	06 31 34.0 -0.1
Y40A	Okolona	21.14 352	P	P	06 30 20.0 -0.1	AMTX	Amarillo	24.32 335	P	P	06 30 50.6 -1.3	X16A	Lo Mia Camp, P	29.03 321	eP	P	06 31 35.8 +1.3
Y39A	Lockesburg	21.20 350	P	P	06 30 19.9 -0.8	S43A	Fulton Ridge,	24.44 350	P	P	06 30 52.6 -0.4	X16A	comp=N,3.7nm,0.9s		eS	S	06 36 19.0 -1.3
X45A	UM Field Stati	21.30 1	P	P	06 30 21.9 +0.1	T37A	Cheneyville 18	24.44 359	P	P	06 30 51.6 -1.4	L38A	Oak Wood Farm,	29.14 355	P	P	06 31 34.0 -1.2
Y38A	Idabel	21.30 348	P	P	06 30 21.2 -0.7	S41A	Jilico Farms,	24.52 356	P	P	06 30 53.2 -0.5	MVCO	Mesa Verde	29.38 328	P	P	06 31 37.8 +0.2
OXF	Oxford	21.39 1	P	P	06 30 23.6 +0.9	T35A	Goer Cattle	24.56 347	P	P	06 30 53.1 -0.9	L34A	Grandsen Farm,	29.41 350	P	P	06 31 37.1 -0.4
OXF	Oxford	21.39 1	eP	P	06 30 22.3 -0.4	S44A	Carbondale	24.56 1	P	P	06 30 54.4 +0.4	K41A	Shullsburg	29.47 359	P	P	06 31 37.2 -0.8
X46A	Booneville	21.45 2	P	P	06 30 23.9 +0.4	S45A	Carrier Mills	24.56 2	P	P	06 30 54.4 +0.4	K39A	Wentz	29.63 357	P	P	06 31 38.1 -1.3
X47A	Russelville	21.45 4	P	P	06 30 25.0 +1.5	T36A	Boggs Farm, Ca	24.56 348	P	P	06 30 53.1 -0.9	K38A	Parkersburg	29.63 355	P	P	06 31 38.7 -0.7
X48A	Hartselle	21.46 6	P	P	06 30 24.4 +0.9	SIUC	Southern Illin	24.58 1	eP	P	06 30 55.6 +1.4	WUAZ	Wupatki	29.73 323	P	P	06 31 41.0 +0.3
X42A	Stuttgart	21.50 356	P	P	06 30 24.2 +0.3	S40A	Lebanon	24.59 355	P	P	06 30 53.5 -0.8	WUAZ	Wupatki	29.73 323	eP	P	06 31 41.9 +1.3
X41A	Kaden, Bauxite	21.52 354	P	P	06 30 25.5 +1.4	S46A	Don Dixon Farm	24.61 4	P	P	06 30 54.9 +0.4	K34A	Le Mars	30.07 351	P	P	06 31 42.8 -0.6
Y37A	Hugo	21.54 346	P	P	06 30 24.3 -0.1	S42A	Caledonia	24.66 358	P	P	06 30 54.0 -0.5	ISCO	Idaho Springs	30.14 335	P	P	06 31 43.4 -1.0
X40A	Basin Creek Fa	21.55 353	P	P	06 30 24.0 -0.5	S39A	Bolivar	24.77 353	P	P	06 30 55.8 -0.1	K33A	Hardington	30.14 349	P	P	06 31 43.8 -0.2
X49A	Woodville	21.60 8	P	P	06 30 24.2 -0.8	S38A	Stocker	24.79 352	P	P	06 30 55.9 -0.1	J41A	Loganville	30.23 360	P	P	06 31 43.8 -0.9
Y36A	Durant	21.63 345	P	P	06 30 24.6 -0.7	T34A	McClaskey Farm	24.82 346	P	P	06 30 55.3 -1.1	J40A	Soldiers Grove	30.27 358	P	P	06 31 44.2 -0.9
X50A	Fort Payne	21.64 9	P	P	06 30 24.8 -0.7	CCM	Cathedral Cave	24.96 357	P	P	06 30 57.4 -0.3	J37A	Redius Farm,	30.36 354	P	P	06 31 44.9 -1.0
MIAR	Mount Ida	21.71 351	P	P	06 30 25.7 -0.4	CCM	Cathedral Cave	24.96 357	eP	P	06 30 57.6 -0.1	K32A	Verdigre	30.38 348	P	P	06 31 46.4 +0.3
MIAR	Mount Ida	21.71 351	eP	P	06 30 25.4 -0.8	S37A	Fort Scott	25.05 350	P	P	06 30 58.2 -0.3	K31A	O'Neill	30.52 347	P	P	06 31 47.7 +0.4
X39A	Fountain Ranch	21.76 350	P	P	06 30 26.0 -0.7	R43A	Red Bud	25.14 360	P	P	06 30 59.0 -0.3	PDMCI	Parker Dam,Lak	30.68 318	P	P	06 31 48.7 -0.1
UALR	University of	21.78 354	eP	P	06 30 26.3 -0.6	S36A	Lake Cedric, C	25.15 349	P	P	06 30 58.7 -0.7	I39A	Houston	30.75 357	P	P	06 31 48.8 -0.5
Y35A	Marietta	21.83 343	P	P	06 30 27.0 -0.5	R42A	Lueberging	25.16 358	P	P	06 30 59.1 -0.4	I40A	Norwalk	30.76 359	P	P	06 31 48.5 -1.0
W45A	Hickory Valley	22.03 1	P	P	06 30 28.5 -1.1	R45A	Skylar, Fairfri	25.19 3	P	P	06 30 59.2 -0.6	J33A	Davis	30.83 350	P	P	06 31 49.5 -0.5
X38A	Whitesboro	22.04 349	P	P	06 30 29.5 -0.3	R41A	Roebud	25.21 357	P	P	06 30 59.4 -0.5	U15A	North Rim	30.90 323	eP	P	06 31 52.2 +1.1
X37A	Clayton	22.07 347	P	P	06 30 30.0 -0.1	R40A	Maddies Statio	25.26 355	P	P	06 30 59.5 -0.9	I38A	Scanlan Farm,	30.98 356	P	P	06 31 50.5 -0.8
W48A	Pulaski	22.15 6	P	P	06 30 30.3 -0.6	WCI	Wyandotte Cave	25.27 6	P	P	06 30 59.9 -0.6	I37A	Lemond, Waseca	31.04 355	P	P	06 31 51.3 -0.6
W41B	Gary Mavity, V	22.17 354	P	P	06 30 31.4 +0.4	WCI	Wyandotte Cave	25.27 6	eP	P	06 31 00.7 +0.2	J32A	Parkston	31.04 348	P	P	06 31 50.9 -0.6
W40A	Ferguson Farm,	22.27 353	P	P	06 30 31.8 -0.5	R38A	Fenwick Farm,	25.33 352	P	P	06 30 59.8 -1.2	I35A	Creekview Farm	31.05 353	P	P	06 31 50.7 -1.3
X35A	Drake	22.28 344	P	P	06 30 31.1 -1.2	R39A	Chumby, Stover	25.36 354	P	P	06 31 01.0 -0.3	BC3	Big Chuckawall	31.17 316	P	P	06 31 54.4 +1.1
X35A	Drake	22.28 344	eP	P	06 30 30.5 -1.8	121A	Cookes Peak, D	25.52 322	P	P	06 31 03.6 +0.5	ECSD	EROS Data Cent	31.17 350	P	P	06 31 52.3 -0.8
X36A	Centrahoma	22.28 345	P	P	06 30 31.2 -1.1	121A	Cookes Peak, D	25.52 322	eP	P	06 31 03.5 +0.5	ECSD	EROS Data Cent	31.17 350	eP	P	06 31 52.1 -0.9
SWET	Sewanee	22.35 8	eP	P	06 30 32.0 -1.0	R37A	Teagarden Farm	25.59 351	P	P	06 31 02.4 -1.0	IRM	Iron Mountain	31.25 317	P	P	06 31 54.9 +0.9
W38A	Poteau	22.37 350	P	P	06 30 32.7 -0.6	OLIL	Dineen	25.64 3	eP	P	06 31 04.4 +0.6	MONPZ	Mount Peak	31.42 313	P	P	06 31 56.7 +1.1
W39A	Magazine	22.38 351	P	P	06 30 32.6 -0.7	R36A	Gordon, Harris	25.72 349	P	P	06 31 04.0 -0.5	O20A	White River Ci	31.55 332	P	P	06 31 56.3 -0.4
W37B	Quinton	22.62 348	P	P	06 30 35.1 -0.8	Q44A	Meyer Farm, Va	25.77 1	P	P	06 31 04.5 -0.5	H37A	Dierker Farm, C	31.56 356	P	P	06 31 55.3 -1.1
W37B	Quinton	22.62 348	eP	P	06 30 37.0 +1.0	Q45A	Warren Harvey,	25.79 3	P	P	06 31 04.9 -0.3	H38A	Maiden Rock	31.61 356	P	P	06 31 56.4 -0.5
V46A	Holladay	22.71 3	P	P	06 30 36.8 -0.1	Q41A	Truxton	25.85 357	P	P	06 31 04.7 -1.1	H36A	Jessenland, He	31.65 354	P	P	06 31 56.1 -1.1
V42A	Cord	22.73 356	P	P	06 30 37.4 +0.4	Q40A	Laux Farm, Aux	25.95 356	P	P	06 31 05.2 -1.4	BELC	Belle Mtn. Jos	31.74 316	P	P	06 31 59.3 +0.9
V48A	Smith Brothers	22.76 6	P	P	06 30 37.1 -0.2	Q47A	Bedord North L	25.96 6	P	P	06 31 05.5 -1.2	PFO	Pinyon Flats O	31.84 315	P	P	06 31 59.8 +0.6
V41A	Mountainview	22.76 355	P	P	06 30 37.1 -0.4	BNM	Barren Site	26.06 327	eP	P	06 31 08.8 +0.9	LCMT	Little Creek M	31.86 323	eP	P	06 32 00.6 +1.2
V47A	Nunnelly</																

19d 6h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like F36A Pierce - Schro, S36A Milaca, S36A Sadowa, etc.

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Table with columns: FITZ, Fityroy Crossi, CMAR, Chiang Mai Arr, etc. Includes call signs, names, and various parameters.

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Table with columns: SVB, Belmont, SVV, Souffriere Volc, SSV, Crater Summit, etc. Includes call signs, names, and various parameters.

CCIG	Comitant	22.34 269	eP	P	06 33 08.6	-0.1
SDMD	Soldier's Deli	22.43 344	eP	P	06 33 08.9	-0.3
X49A	Woodley	22.66 320	P	P	06 33 11.7	+0.1
247A	Quitman	22.68 312	P	P	06 33 12.4	+0.6
147A	Livingston	22.79 314	P	P	06 33 13.6	+0.7
Y48A	Jasper	22.80 318	P	P	06 33 13.7	+0.6
MVL	Millersville	22.86 345	eP	P	06 33 13.7	+0.2
MVL	SWET	22.91 322	eS	S	06 37 18.7	+3.8
346A	Big Creek Wild	22.95 309	P	P	06 33 15.4	+1.3
247A	Carrollton	22.96 315	P	P	06 33 13.6	-0.9
X48A	Hartselle	23.07 319	P	P	06 33 14.6	0.0
CPNY	Central Park	23.13 350	eP	P	06 33 15.3	-0.3
CPNY	BRNJ	23.13 349	eS	S	06 37 23.0	+3.8
BRNJ	Basking Ridge	23.13 349	eP	P	06 33 16.4	+0.3
PAGS	Pennsylvania G	23.16 344	eP	P	06 37 24.5	+2.2
LUPA	Lehigh Unvers	23.20 347	eP	P	06 33 17.5	+0.7
Y47A	UCPARC, Winfie	23.24 317	P	P	06 33 16.7	-0.5
445A	Amite	23.28 307	P	P	06 33 17.5	-0.1
345A	Thompson Farm,	23.33 309	P	P	06 33 17.7	-0.4
PAL	Palisades	23.33 350	eP	P	06 33 17.7	-0.2
PAL	Palisades	23.33 350	eP	P	06 33 17.7	-0.2
PAL	Palisades	23.33 350	eP	P	06 33 17.7	-0.2
W48A	Pulaski	23.45 320	eS	S	06 37 28.1	+5.6
YLE	Yale	23.49 352	eP	P	06 33 19.1	-0.1
ODNJ	Ogdensburg	23.52 349	eP	P	06 33 19.0	+1.3
Z46A	Louisville	23.55 314	P	P	06 33 21.8	-0.2
245A	Little AP, Sta	23.59 310	P	P	06 33 20.2	-0.3
N59A	State Game Lan	23.59 347	P	P	06 33 20.5	+0.1
N59A	State Game Lan	23.59 347	eP	P	06 33 20.7	+0.2
X47A	Russellville	23.63 318	P	P	06 33 20.7	0.0
544A	White Castle	23.64 305	P	P	06 33 21.0	+0.1
O56A	Blue Knob Stat	23.72 341	P	P	06 33 21.4	-0.2
V48A	Smith Brothers	23.79 321	P	P	06 33 22.2	-0.1
Y46A	Houston	23.89 315	P	P	06 33 23.3	+0.2
145A	Houston Renfro	23.92 311	P	P	06 33 23.8	+0.5
344A	Westbrook Farm	23.92 308	P	P	06 33 23.7	+0.3
PLAL	Pickwick Lake	24.06 318	eP	P	06 33 26.6	+1.9
X46A	Booneville	24.12 317	P	P	06 33 25.1	0.0
U48A	Cassie Pea, Po	24.16 323	P	P	06 33 25.2	-0.4
Z45A	Winona	24.17 313	P	P	06 33 25.7	+0.1
244A	Avery, Jackson	24.17 309	P	P	06 33 25.9	+0.2
V47A	Nunnely	24.27 321	P	P	06 33 26.3	-0.3
BCX	Boston College	24.32 356	eP	P	06 33 27.1	+0.2
Y45A	Yeager Farm, C	24.35 314	P	P	06 33 27.1	-0.2
QUA2	Belchertown	24.37 354	eP	P	06 33 27.3	-0.1
WES	Weston	24.38 356	eP	P	06 33 27.7	+0.2
WES	Weston	24.38 356	eP	P	06 33 27.7	+0.2
T48A	Bowling Green	24.51 324	P	P	06 33 28.8	+0.1
HRV	Adam Dzewonsk	24.52 355	eP	P	06 33 29.2	+0.5
HRV	Adam Dzewonsk	24.52 355	eP	P	06 33 29.2	+0.5
U47A	Clarksville	24.55 322	P	P	06 33 28.5	-0.6
X45A	UM Field Stati	24.57 316	P	P	06 33 29.5	+0.2
V46A	Holladay	24.62 320	P	P	06 33 29.5	-0.1
OXF	Oxford	24.64 316	P	P	06 33 29.9	+0.1
OXF	Oxford	24.64 316	eP	P	06 33 30.1	+0.2
OXF	Oxford	24.64 316	eP	P	06 33 30.1	+0.2
WVT	Waverly	24.66 321	P	P	06 33 30.2	+0.1
WVT	Waverly	24.66 321	eP	P	06 33 29.8	-0.2
WVT	Waverly	24.66 321	eP	P	06 33 29.8	-0.2
243A	Waterproof	24.69 308	P	P	06 33 30.2	-0.2
S48A	Wiedeman Farm,	24.73 326	P	P	06 33 30.5	-0.1
N54A	Moraine State	24.80 340	P	P	06 33 31.5	+0.1
T47A	Sharon Grove	24.82 323	P	P	06 33 31.3	-0.3
Y44A	Strider, Charl	24.86 314	P	P	06 33 32.4	+0.5
CMIG	Mattias Romero	24.86 272	P	P	06 33 30.6	-1.5
BINY	Binghamton	24.87 347	eP	P	06 33 32.3	+0.3
W45A	Hickory Valley	24.88 317	P	P	06 33 31.7	-0.4
442A	Mamou	24.89 305	P	P	06 33 32.1	-0.1
TRY	Troy	24.98 352	eP	P	06 33 33.2	+0.3
U46A	Springville	25.02 321	P	P	06 33 33.4	+0.1
143A	Soos Landing,	25.03 310	P	P	06 33 33.6	+0.2
342A	Flagon Creek P	25.09 306	P	P	06 33 34.1	0.0
X44A	Crenshaw	25.12 315	P	P	06 33 34.5	+0.2
Z43A	Armstrong Fami	25.18 311	P	P	06 33 35.3	+0.5
R48A	Northridge Ran	25.18 327	P	P	06 33 35.1	+0.3
M54A	Oil Creek Stat	25.19 341	P	P	06 33 34.7	-0.2
M54A	Oil Creek Stat	25.19 341	eP	P	06 33 35.6	+0.8
WCI	Wyandotte Cave	25.27 326	eP	P	06 33 35.3	-0.3
WCI	Wyandotte Cave	25.27 326	eP	P	06 33 36.4	+0.7
WCI	Wyandotte Cave	25.27 326	eP	P	06 33 36.4	+0.7
T46A	Princeton	25.31 322	P	P	06 33 35.6	-0.4

R47A	Wooly Knot Far	25.45 326	P	P	06 33 37.3	+0.1
ALLY	Alegheny Cole	25.47 340	eP	P	06 33 37.9	+0.5
FFD	Franklin Falls	25.49 355	eP	P	06 33 37.9	+0.5
441A	DeRidder	25.49 304	P	P	06 33 37.3	-0.4
ACCN	Adirondack Com	25.62 352	eP	P	06 33 39.4	+0.7
S46A	Don Dixon Farm	25.66 324	P	P	06 33 38.9	-0.3
Z42A	Norrel Spur, H	25.71 311	P	P	06 33 39.2	-0.4
341A	Kurthwood	25.72 306	P	P	06 33 40.2	+0.4
V44A	Blytheville	25.75 318	P	P	06 33 39.6	-0.3
HNH	Hanover	25.78 354	eP	P	06 33 40.6	+0.5
MMNY	Mt. Morris Dam	25.82 345	eP	P	06 33 41.0	+0.5
USIN	University of	25.83 324	eP	P	06 33 43.0	+2.4
241A	Mo Tay, Goldon	25.83 307	P	P	06 34 04.1	+0.4
Q47A	Bedord North L	25.87 327	P	P	06 33 40.8	-0.2
R46A	Gibson Southern	25.92 325	P	P	06 33 41.3	-0.1
CCAR	Cane Creek	25.92 312	eP	P	06 33 43.7	+2.1
BLO	Bloomington	26.10 328	eP	P	06 33 44.0	+0.9
BLO	Bloomington	26.10 328	eP	P	06 33 44.0	+0.9
S45A	Carrier Mills	26.15 323	P	P	06 33 43.9	+0.3
PARMO	Parma	26.18 319	eP	P	06 33 48.4	+4.6
P47A	Martinsville	26.21 328	P	P	06 33 44.1	0.0
NCB	Newcomb	26.27 351	eP	P	06 33 45.0	+0.4
LBNH	Lisbon	26.28 355	eP	P	06 33 45.2	+0.6
LBNH	Lisbon	26.28 355	eP	P	06 33 45.2	+0.6
Z41A	Richard Creek	26.33 310	P	P	06 33 44.5	-0.7
R45A	Skylar, Fairfr	26.40 324	P	P	06 33 46.0	+0.2
U43A	Reaco	26.41 318	P	P	06 33 46.1	+0.2
W3L	Waterville	26.48 359	eP	P	06 33 46.9	+0.5
Y41A	Egglett Beard	26.50 311	P	P	06 33 46.0	-0.7
SIUC	Southern Illin	26.55 322	eP	P	06 33 47.4	+0.3
S44A	Carbondale	26.55 322	P	P	06 33 47.1	0.0
140A	Can and Jess,	26.61 308	P	P	06 33 47.6	-0.1
OLIL	Olney	26.61 325	eP	P	06 33 47.9	+0.2
PBMO	Poplar Bluff	26.68 319	eP	P	06 33 51.9	+3.6
V42A	Cord	26.71 316	P	P	06 33 47.7	-0.9
ATAH	Atahualpa	26.72 302	P	P	06 33 50.1	+0.8
ATAH	Atahualpa	26.72 302	P	P	06 46 01.9	LR
O47A	Sheridan	26.74 330	P	P	06 33 48.2	-0.6
Q45A	Warren Harvey,	26.76 325	P	P	06 33 48.6	-0.4
T43A	Greenville	26.78 319	P	P	06 33 48.9	-0.3
P46A	Rosedale	26.78 327	P	P	06 33 49.0	-0.2
U42A	Reviden	26.93 317	P	P	06 33 50.5	-0.1
LONY	Lake Ozonia	26.96 351	eP	P	06 33 51.3	+0.5
S43A	Fulton Ridge,	26.96 321	P	P	06 33 50.7	-0.2
X40A	Green Creek Fa	26.97 312	P	P	06 33 50.9	-0.1
P45A	Graceland, Par	27.00 326	P	P	06 33 51.0	-0.2
WHAR	Wooly Hollow	27.02 314	eP	P	06 33 52.7	+1.3
NATX	Nacogdoches	27.06 305	P	P	06 33 51.9	+0.1
NATX	Nacogdoches	27.06 305	eP	P	06 33 53.0	+1.2
NATX	Nacogdoches	27.06 305	eP	P	06 34 15.8	+0.9
X301	Greenbrier Sit	27.07 314	eP	P	06 33 53.0	+1.2
PKMC	Peaks-Kenny Pk	27.17 359	eP	P	06 33 53.4	+0.8
V41A	Mountainview	27.20 315	P	P	06 33 52.7	-0.4
Q44A	Meyer Farm, Va	27.24 324	P	P	06 33 53.2	-0.1
SFIN	Lafayette	27.30 329	eP	P	06 33 53.9	+0.1
AAM	Ann Arbor	27.31 336	P	P	06 33 52.8	-1.1
HKT	Hockley	27.32 301	eP	P	06 33 54.4	+0.4
HKT	Hockley	27.32 301	eP	P	06 34 15.3	-1.9
P44A	Sand Creek, Wi	27.42 325	P	P	06 33 54.6	-0.3
N46A	Monticello	27.52 330	P	P	06 33 55.4	-0.3
MIAR	Mount Ida	27.52 312	P	P	06 33 55.8	-0.1
S42A	Caledonia	27.53 320	P	P	06 33 55.1	-0.8
Y39A	Lockesburg	27.60 310	P	P	06 33 56.1	-0.5
V40A	Witts Springs	27.67 315	P	P	06 33 56.8	-0.4
T41A	Mountain View	27.68 318	P	P	06 33 56.4	-1.0
M46A	Old House Field	27.74 331	P	P	06 33 57.4	-0.3
PLVO	Pleasna	27.82 347	eP	P	06 33 58.7	+0.3
O44A	Mansfield	27.83 326	P	P	06 33 58.5	-0.1
R42A	Luebbeling	27.85 321	P	P	06 33 57.9	-0.9
N45A	Kentland	27.86 329	P	P	06 33 58.0	-0.8
Z38A	Mt. Pleasant	27.94 308	P	P	06 33 58.7	-1.0
CCM	Cathedral Cave	27.98 320	P	P	06 33 59.4	-0.5
CCM	Cathedral Cave	27.98 320	eP	P	06 33 59.7	-0.3
CCM	Cathedral Cave	27.98 320	eP	P	06 33 59.7	-0.3
U40A	Yellville	27.99 316	P	P	06 33 59.9	-0.2
S41A	Jillico Farms,	28.00 319	P	P	06 33 60.0	-0.2
W39A	Magazine	28.00 313	P	P	06 33 59.5	-0.7
P43A	Skewes, Pawnee	28.04 324	P	P	06 34 00.1	-0.3
SADO	Sadowa	28.04 344	P	P	06 33 59.3	-1.1
Z37A	Waschetta, Mont	28.05 305	P	P	06 34 00.5	-0.1
N44A	Piper City	28.13 328	P	P	06 34 01.0	-0.2
M45A	Boilermakers S	28.14 330	P	P	06 34 01.0	-0.3
R41A	Rosebud	28.22 320	P	P	06 34 01.9	-0.2
T40A	Mansfield	28.23 317	P	P	06 34 02.0	-0.2

V39A	Pettigrew	28.25 314	P	P	06 34 02.4	0.0
137A	Heron Place, G	28.25 306	P	P	06 34 02.2	-0.1
TLIG	Thiapa	28.31 274	eP	P	06 34 04.0	+0.7
O43A	Sugar Creek Fa	28.38 326	P	P	06 34 03.5	+0.1
Z37A	Pogue Cattle C	28.40 307	P	P	06 34 03.7	0.0
U39A	Green Forest	28.43 315	P	P	06 34 03.7	-0.3
P42A	Winchester	28.46 323	P	P	06 34 03.3	-0.9
S40A	Lebanon	28.48 318	P	P	06 34 03.7	-0.8
TRQ	Tremblant	28.53 352	eP	P	06 34 04.7	-0.1
HHAR	Hobbs	28.68 314	eP	P	06 34 08.3	+2.0
T39A	Cleaver	28.72 316	eP	P	06 34 29.8	-0.2
O42A	Bath	28.73 325	P	P	06 34 06.1	-0.5
R40A	Maddies Statio	28.76 319	P	P	06 34 06.0	-0.9
136A	Emmis	28.80 305	P	P	06 34	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like J40A Soldiers Grove, WMOK Wichita Mounta, Q35A Mercer Eighty, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ANMO Albuquerque, PB11 IROC Station P, SDCO Great Sand Dun, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like HEC Hektor, R11A Troy Canyon, SHOC Shoshone, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PBVD Barranco-do-Ve, PGAV Gavielra, BORG Borgarnes, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VYHS Vyhne, KEV Kevo, KEV Kevo, etc.

WHZ	Waihua	11.31	52	P	Pn	06 51 31.8 +2.3
HSRZ	Hossack Road	11.37	46	P	Pn	06 51 31.5 +1.1
TOZ	Tahuroa Road	11.48	42	P	Pn	06 51 28.0 -3.8
URZ	Urewera	11.85	48	Pn	Pn	06 51 34.3 -2.5
URZ	5.8nm, 0.3s, baz=244, slow=9.2, SNR=22				Sn	06 53 43.3 -5.2
URZ	6.9nm, 0.3s, baz=292, slow=23, SNR=4.7				LR	06 56 52.6
URZ	comp=Z, 161µm, 19.0s, baz=227, slow=41					
URZ	Urewera	11.85	48	ePn	Pn	06 51 34.6 -2.3
CTZ	Chatham Island	12.72	83	P	Pn	06 51 47.7 -0.9
CTZ	Chatham Island	12.72	83	S	Sn	06 54 07.0 -2.6
OZU	Omahuta	12.89	30	ePn	Pn	06 51 50.5 -0.6
MXZ	Matakaoa Point	13.00	50	ePn	Pn	06 51 52.0 -0.5
TAU	Tasmania Univ	13.69	279	eP	Pn	06 51 55.3 -6.7
TAU	Tasmania Univ	13.69	279	ePn	Pn	06 51 55.3 -6.7
TAU	Tasmania Univ	13.69	279	ePn	Pn	06 51 55.3 -6.7
CAN	Canberra	17.04	306	ePn	Pn	06 52 44.5 -1.6
CAN	comp=Z, 1µm, 2.0s				pmax	
CAN	Canberra	17.04	306	ePn	Pn	06 52 44.5 -1.6
ARMA	Armidale	19.07	321	eP	Pn	06 53 17.3 +0.5
RAO	Raoul Island	21.56	42	LR	LR	07 02 06.9
RAO	comp=Z, 329nm, 18.3s, baz=200, slow=37					
RAO	Raoul Island	21.56	42	PFAKE	LR	06 53 50.0 +1.3
STKA	Stevens Creek	23.79	300	P	P	06 53 60.0 -0.5
STKA	comp=Z, 42nm, 0.9s, baz=128, slow=11, SNR=68				S	06 58 18.6 +3.6
STKA	comp=Z, 5.9nm, 0.9s, baz=307, slow=12, SNR=1.6				LR	07 02 01.1
STKA	comp=Z, 17µm, 19.9s, baz=133, slow=34					
STKA	Stevens Creek	23.79	300	eP	P	06 54 00.3 -0.1
STKA	Stevens Creek	23.79	300	eP	P	06 54 00.3 -0.1
EIDS	Eidsvold	24.35	326	eP	P	06 54 04.4 -1.2
DZM	Mont Dzumac	24.60	1	P	P	06 54 08.7 +0.6
DZM	comp=Z, 283nm, 1.0s, baz=167, slow=6.4, SNR=46				LR	07 01 57.0
DZM	comp=Z, 10µm, 18.5s, baz=196, slow=32					
DZM	Mont Dzumac	24.60	1	eP	P	06 54 09.4 +1.3
DZM	comp=Z, 1µm, 1.1s					
DZM	comp=Z, 7µm, 24.8s				eS	06 58 18.5 -1.0
DZM	comp=Z, 13µm, 23.9s				eLR	07 00 06.4
DZM	Mont Dzumac	24.60	1	eP	P	06 54 09.5 +1.5
DZM	comp=Z, 667nm, 1.1s					
BBOO	Buckley Bay	26.60	291	eP	P	06 54 25.4 -0.6
VNDA	Vanda	30.94	182	P	P	06 55 03.9 -0.2
VNDA	comp=Z, 13nm, 1.1s, baz=357, slow=9.1, SNR=13				LR	07 05 04.3
VNDA	comp=Z, 13µm, 20.7s, baz=19.9, slow=32					
VNDA	Vanda	30.94	182	eP	P	06 55 04.2 +0.1
VNDA	comp=Z, 38nm, 1.1s				pmax	
VNDA	Vanda	30.94	182	eP	P	06 55 04.2 +0.1
VNDA	comp=Z, 38nm, 1.1s				pmax	
CTA	Charters Tower	31.03	322	P	P	06 55 04.8 -0.7
CTA	comp=Z, 18nm, 1.0s, baz=146, slow=8.6, SNR=15				LR	07 05 08.4
CTA	Charters Tower	31.03	322	eP	P	06 55 04.5 -1.0
CTA	comp=Z, 8µm, 20.4s, baz=144, slow=8				LR	
CTAO	Charters Tower	31.03	322	eP	P	06 55 04.5 -1.0
CTAO	comp=Z, 500nm, 1.4s				MLR	
CTAO	comp=Z, 8µm, 20.0s				MLR	
CTAO	Charters Tower	31.03	322	eP	P	06 55 04.5 -1.0
CTAO	comp=Z, 500nm, 1.4s				LR	
SBA	Scott Base	31.24	180	eP	P	06 55 09.3 +2.6
SBA	comp=Z, 380nm, 1.9s				pmax	
SBA	Scott Base	31.24	180	eP	P	06 55 09.3 +2.6
SBA	comp=Z, 381nm, 1.9s				LR	
FORT	Forrest	33.13	285	eP	P	06 55 22.6 -1.2
AS01	Alice Springs	34.40	301	eP	P	06 55 33.3 -1.7
AS01	Alice Springs	34.40	301	eP	P	06 55 33.3 -1.7
ASAR	Alice Springs	34.42	301	P	P	06 55 33.4 -1.8
ASAR	comp=Z, 59nm, 1.1s, baz=143, slow=7.9, SNR=171				PcP	06 58 09.1 -1.4
ASAR	comp=Z, 12nm, 1.1s, baz=138, slow=5.1, SNR=3.5				S	07 01 01.6 -0.8
ASAR	comp=Z, 0.4nm, 0.5s, baz=203, slow=39, SNR=3.6				S	07 09 59.3
WRA	Warramunga Arr	37.08	305	P	P	06 55 55.6 -2.4
WRA	comp=Z, 15µm, 18.1s, baz=149, slow=37				PcP	06 58 17.2 -1.1
WRA	comp=Z, 6.1nm, 1.1s, baz=141, slow=8.2, SNR=132				PcP	06 58 17.2 -1.1
WRA	comp=Z, 9.7nm, 0.8s, baz=137, slow=2.9, SNR=5.2				ScP	07 02 04.2 0.0
WRA	comp=Z, 12nm, 1.5s, baz=123, slow=3.9, SNR=6.0				LR	07 10 44.7
WRA	comp=Z, 13µm, 19.1s, baz=140, slow=36				P	06 55 55.6 -2.4
WRA	Warramunga Arr	37.08	305	P	P	06 55 55.6 -2.4
WRA	comp=Z, 60nm, 1.1s				pmax	
WRA	comp=Z, 10.0nm, 0.8s				pmax	
WRA	comp=N, 12nm, 1.5s				MLR	
WRAB	Tennant Creek	37.08	305	eP	P	06 55 55.6 -2.4
WRAB	comp=Z, 13µm, 19.2s				iP	
WRAB	comp=Z, 187nm, 1.6s				pmax	
WRAB	Tennant Creek	37.08	305	eP	P	06 55 55.6 -2.4
WRAB	comp=Z, 231nm, 1.4s				LR	
HNR	Honiara	37.51	350	eP	P	06 55 59.0 -2.6
HNR	Honiara	37.51	350	eP	P	06 56 01.6 0.0
HNR	comp=Z, 338nm, 1.1s, baz=195, slow=4.0, SNR=8.4				S	07 01 52.7 +3.1
HNR	comp=Z, 59nm, 0.6s, baz=68, slow=5.7, SNR=1.9				LR	07 09 20.9
HNR	comp=Z, 13µm, 19.1s, baz=174, slow=33				LR	06 56 01.2 -0.4
HNR	Honiara	37.51	350	eP	P	06 56 01.2 -0.4
HNR	comp=Z, 1µm, 1.2s				LR	
AFI	Afiatalu	37.71	37	P	P	06 56 03.9 +0.5
AFI	comp=Z, 39nm, 0.3s, baz=315, slow=7.7, LR=SNR=4.7				LR	07 11 09.6
AFI	comp=Z, 4µm, 20.9s, baz=194, slow=36					
AFI	Afiatalu	37.71	37	PFAKE	LR	06 56 10.0 +6.6
AFI	comp=Z, 7µm, 19.0s					
RAR	Rarotonga	37.74	59	LR	LR	07 10 56.8
RAR	comp=Z, 14µm, 18.7s, baz=218, slow=35					
RAR	Rarotonga	37.74	59	PFAKE	LR	06 56 20.0 +1.7
COEN	Coen	37.80	322	eP	P	06 56 03.1 -0.9
COEN	comp=Z, 158nm, 1.1s					
NWAO	Narrogin (SRO)	39.18	273	eP	P	06 56 13.4 -2.2
NWAO	comp=Z, 863nm, 1.7s				MLR	
NWAO	comp=Z, 5µm, 20.0s				MLR	
NWAO	Narrogin (SRO)	39.18	273	eP	P	06 56 13.4 -2.2
NWAO	comp=Z, 863nm, 1.7s				LR	
FUNA	Funafuti	39.74	21	PFAKE	LR	06 56 30.0 +1.0
H01W1	Cape Leeuwin H	40.20	268	T	T	07 38 49.3
H01W2	Cape Leeuwin H	40.21	268	T	T	07 38 49.5
H01W3	Cape Leeuwin H	40.22	268	T	T	07 38 50.1
PMG	Port Moresby	40.47	331	P	P	06 56 26.2 -0.2
PMG	comp=Z, 74nm, 0.9s, baz=131, slow=5.3, SNR=36					
PMG	Port Moresby	40.47	331	eP	P	06 56 26.0 -0.3

PMG	comp=Z, 819nm, 1.7s				pmax	
PMG	Port Moresby	40.47	331	eP	P	06 56 27.1 +0.7
PMG	comp=Z, 293nm, 1.1s				LR	
TBI	Tubuai	42.65	73	eP	P	06 56 45.2 +1.0
TBI	comp=Z, 536nm, 1.2s				S	07 03 06.9 +0.5
TBI	comp=Z, 4µm, 28.5s				eLR	07 08 37.3
QSPA	South Pole Qui	43.40	189	eP	P	06 56 50.6 +0.6
QSPA	comp=Z, 181µm, 22.0s, baz=220				LR	
QSPA	comp=Z, 7µm, 21.0s				LR	
FITZ	Fitzroy Crossi	43.63	297	P	P	06 56 50.6 -1.6
FITZ	comp=Z, 30nm, 0.6s, baz=159, slow=7.8, SNR=73				LR	07 14 46.7
MTN	Manton Dam	44.62	306	eP	P	06 56 58.3 -1.8
MTN	comp=Z, 23µm, 18.9s, baz=146, slow=36					
MTN	comp=Z, 363nm, 1.1s					
MBWA	Marble Bar	45.13	288	eP	P	06 57 02.3 -1.8
MBWA	comp=Z, 178nm, 1.1s				LR	
MBWA	comp=Z, 12µm, 19.0s				LR	
PPT2	Papeete2	46.73	67	eP	P	06 57 17.6 +0.7
PPT2	comp=Z, 154nm, 1.4s				eS	07 04 06.3 +0.4
PPT2	comp=Z, 5µm, 29.0s				eLR	07 10 36.2
TVO	Tarawa	46.80	67	eP	P	06 57 18.2 +0.8
TVO	comp=Z, 13µm, 22.0s, baz=224					
TVO	comp=Z, 24nm, 0.9s					
TIAR	Tiarei	46.90	67	eP	P	06 57 18.9 +0.7
TIAR	comp=Z, 54nm, 1.1s					
MANU	Manu Island	47.34	334	eP	P	06 57 24.0 +2.4
MANU	comp=Z, 239nm, 1.4s					
TARA	Tarawa	48.29	9	eP	P	06 57 28.0 -0.8
TARA	comp=Z, 199nm, 1.0s				LR	
TARA	comp=Z, 241nm, 20.0s				LR	
SAUI	Saumlaki	48.60	312	eP	P	06 57 33.3 +1.9
SAUI	Saumlaki	48.60	312	eP	P	06 57 30.3 -1.0
SAUI	comp=Z, 1µm, 1.9s					
JAY	Jayapura	49.18	326	P	P	06 57 37.3 +1.5
GENI	Genyem	49.31	325	P	P	06 57 40.9 +4.1
VAH	Vahia	49.73	67	eP	P	06 57 40.2 +0.2
PMOR	Pomarioree	49.73	66	eP	P	06 57 40.4 +0.4
SOEI	Soe	51.00	303	P	P	06 57 51.7 +2.0
SOEI	comp=Z, 180nm, 2.3s, comp=Z, 4µm					
SOEI	Soe	51.00	303	eP	P	06 57 51.0 +1.3
MAW	Mawson	52.32	208	eP	P	06 57 57.4 -1.4
MAW	comp=Z, 19nm, 0.7s, baz=116, slow=9.4, SNR=27				LR	07 18 55.5
MAW	comp=Z, 13µm, 18.1s, baz=110, slow=35					
MAW	Mawson	52.32	208	eP	P	06 57 58.2 -0.6
MAW	Mawson	52.32	208	eP	P	06 57 58.2 -0.6
MAW	Fak Fak	52.49	316	eP	P	06 58 07.0 0.0
MAW	Fak Fak	52.49	316	eP	P	06 57 59.5 -1.3
RKT	Rikitea	52.56	85	eP	P	06 58 02.8 +1.6
RKT	comp=Z, 175nm, 1.4s				eS	07 05 29.4 +2.1
BASI	Baig, Sumba	52.81	299	P	P	06 58 05.4 +2.3
MMRI	Maumere	53.08	301	P	P	06 58 05.5 +0.4
MMRI	comp=Z, 175nm, 1.3s, comp=Z, 7µm					
MMRI	Maumere	53.08	301	eP	P	06 58 05.0 0.0
EDFI	Ende, Flores	53.31	301	P	P	06 58 05.9 -1.0
MSAI	Masohi	53.77	312	P	P	06 58 25.0 +1.5
WBSI	Waikabubak, Su	53.98	298	P	P	06 58 12.8 +1.0
PTCN	Pitcairn Island	54.63	90	PFAKE	LR	06 58 30.0 +1.4
SIJI	Sorong	54.75	316	P	P	06 58 16.8 -0.5
SWI	Sorong	54.75	316	P	P	06 58 18.5 +1.2
NLAI	Nalae	54.80	310	P	P	06 58 17.3 -0.4
BBSI	Bau Bau	55.43	304	P	P	06 58 23.3 +1.1
PLAI	Plampang	55.60	297	P	P	06 58 23.5 0.0
SANI	Sanana	56.40	310	P	P	06 58 29.0 -0.1
LBMI	Labuan	56.51	310	P	P	06 58 17.3 -0.4
DNP	Denpasar	57.31	295	P	P	06 58 37.8 +2.2
KAPI	Kappang	57.44	302	eP	P	06 58 34.8 -1.7
KAPI	comp=Z, 522nm, 1.4s				eScP	07 03 30.5 +1.6
KAPI	comp=Z, 7µm, 20.0s				ScP	07 06 33.0 +0.2
SRBI	Singaraja	57.77	295	P	P	06 58 40.0 +1.2
SYO	Syowa Base	57.96	200	eP	P	06 58 37.6 -1.9
SYO	Syowa Base	57.96	200	iP	P	06 58 39.0 -0.5
TNTI	Ternat	58.00	313	eP	P	06 58 40.0 -1.1
JAGI	Jajag, Banyuw	58.13	294	P	P	06 58 41.3 -0.1
JAGI	Jajag, Banyuw	58.13	294	eP	P	06 58 41.0 +0.5
SPSI	Sidrap, Lar					

BCIP	Isia Barro Col	113.23 102	PFAKE LR	07 07 40.0
BCIP	comp=Z,3um,20.0s			
MVCO	Mesa Verde	113.29 60	PFAKE LR	07 07 40.0
MVCO	comp=Z,4um,21.0s			
WMQ	Urumqi	113.49 309	PKP PP AMB	07 07 25.3 +0.1 07 08 20.8 +3.3
WMQ	comp=Z,26nm,3.7s			
WMQ	comp=Z,2um,21.9s			
WMQ	comp=Z,2um,27.3s			
WMQ	comp=Z,1um,24.7s			
BMO	Blue Mountains	113.50 49	PFAKE LR	07 07 40.0
BMO	comp=Z,5um,21.0s			
KVXT	Kingsville	113.61 74	PFAKE LR	07 07 40.0
KVXT	comp=Z,4um,19.0s			
HLID	Hailey	114.16 52	PFAKE LR	07 07 40.0 +13
HLID	comp=Z,3um,22.0s			
JCT	Junction City	114.29 71	PFAKE LR	07 07 40.0 +13
JCT	comp=Z,7um,21.0s			
HWUT	Hardware Ranch	114.43 55	PFAKE LR	07 07 40.0 +13
HWUT	comp=Z,4um,19.0s			
BILL	Bilibino	114.44 0	PKP PP	07 07 27.2 +1.1 07 08 24.0 07 10 54.6
BILL	comp=Z,4.0nm,1.4s			
BILL	MLR			
KMBO	Kilima Mbogo	114.51 239	PFAKE LR	07 07 40.0 +12
KMBO	comp=Z,3um,19.0s			
WRAK	Wrangeli Isian	115.01 33	PFAKE LR	07 07 40.0 +12
WRAK	comp=Z,3um,19.0s			
TRF	Thorafore Moun	115.19 20	ePKP	07 07 27.0 -0.9
SDCO	Great Sand Dun	115.44 61	PFAKE LR	07 07 40.0 +11
SDCO	comp=Z,3um,19.0s			
AHID	Auburn Hatcher	115.45 54	PFAKE LR	07 07 40.0 +11
AHID	comp=Z,3um,19.0s			
MCK	McKinley	115.75 21	ePKP	07 07 27.3 -1.5
MCK	comp=Z,3um,19.0s			
NEW	Newport	115.90 46	PKP	07 07 29.9 +0.3
NEW	comp=Z,1.5nm,0.8s,baz=297,slow=7.1,SNR=4.0			
NEW	Newport	115.90 46	PFAKE LR	07 07 40.0 +10
NEW	comp=Z,6um,19.0s			
BW06	Boulder Array	116.31 55	PFAKE LR	07 07 40.0 +9.2
BW06	comp=Z,4um,19.0s			
PDAR	Pinedale Array	116.31 55	PKP	07 07 30.9 +0.1
PDAR	comp=Z,0.5nm,0.8s,baz=127,slow=4.4,SNR=3.8			
PDAR	comp=Z,3.1nm,1.2s,baz=174,slow=3.0,SNR=5.8			
PDAR	comp=Z,0.8nm,1.1s,baz=92,slow=8.9,SNR=2.9			
ISCO	Idaho Springs	116.69 60	PFAKE LR	07 07 40.0 +8.2
ISCO	comp=Z,4um,20.0s			
COLA	College	116.96 20	PFAKE LR	07 07 40.0 +9.0
COLA	comp=Z,3um,20.0s			
BOZ	Bozeman (W)	117.00 51	PFAKE LR	07 07 40.0 +8.0
BOZ	comp=Z,3um,20.0s			
LKWY	Lake	117.00 53	PFAKE LR	07 07 40.0 +7.9
LKWY	comp=Z,3um,20.0s			
ILAR	Eielson Array	117.11 21	PKP	07 07 29.4 -2.0
ILAR	comp=Z,4.7nm,1.1s,baz=291,slow=3.4,SNR=2.7			
ILAR	comp=Z,2.0nm,0.8s,baz=358,slow=2.5,SNR=1.2			
SHEL	Horse Pasture	117.15 189	PFAKE LR	07 07 40.0 +6.9
SHEL	comp=Z,6um,19.0s			
KSH	Kashi	117.31 299	Pdif	07 03 59.4 +10
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	SKS	07 15 12.6 +29
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	SKS	07 40.45 +10
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	PKP	07 07 32.5 -0.2
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	PKS	07 11 07.5 -2.0
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	SKS	07 14 39.8 -3.9
KSH	comp=Z,3um,19.0s			
KSH	Kashi	117.31 299	SS	07 24 53.5 -0.4
KSH	comp=Z,500nm,6.2s			
KSH	comp=Z,610nm,9.3s			
KSH	comp=Z,680nm,9.7s			
ZSN	Zaisan	117.38 311	ePKP	07 07 32.6 +0.2
ZSN	comp=Z,12nm,0.6s			
WMOK	Wichita Moun	117.69 68	PFAKE LR	07 07 40.0 +6.5
WMOK	comp=Z,8um,21.0s			
UZB	Uzynbulak	117.82 304	ePKP	07 07 33.2 -0.5
UZB	comp=Z,64nm,1.1s			
RLMT	Red Lodge	117.98 53	PFAKE LR	07 07 40.0 +6.1
RLMT	comp=Z,2um,19.0s			
SATY	Saty	118.12 304	ePKP	07 07 33.7 -0.4
SATY	comp=Z,102nm,1.0s			
ZHN	Zhinshke	118.17 304	ePKP	07 07 33.9 -0.4
ZHN	comp=Z,50nm,1.1s			
MKAR	Makanchi Array	118.32 309	PKP	07 07 32.9 -1.4
MKAR	comp=Z,7.0nm,1.0s,baz=179,slow=1.8,SNR=22			
MKAR	comp=Z,7.2nm,1.1s,baz=123,slow=4.5,SNR=8.5			
MKAR	comp=Z,0.3nm,0.6s,baz=353,slow=6.1,SNR=2.2			
NATX	Nacogdoches	118.48 73	PFAKE LR	07 07 50.0 +15
NATX	comp=Z,4um,21.0s			
EGAK	Eagle	118.58 23	ePKP	07 07 32.9 -1.2
MDOK	Medeo	118.96 303	ePKP	07 07 35.5 -0.3
MDOK	comp=Z,67nm,1.5s			
MDOK	comp=Z,67nm,1.5s			
TDK	Taldygorghan	119.33 306	ePKP	07 07 36.2 -0.1
TDK	comp=Z,162nm,1.0s			
KZA	Kyzart	119.34 301	P	07 07 36.8 -0.1
KZA	SNR=5.7			
EGMT	Eagleton	119.53 50	PFAKE LR	07 07 50.0 +13
EGMT	comp=Z,4um,21.0s			
OGNE	Ogallaia	119.54 60	PFAKE LR	07 07 50.0 +13
OGNE	comp=Z,4um,19.0s			
CBKS	Cedar Bluff	119.63 64	PFAKE LR	07 07 50.0 +13
CBKS	comp=Z,3um,20.0s			
TKM2	Tokmak 2	119.65 302	P	07 07 36.4 -0.8
TKM2	SNR=7.8			
BMNS	Besmoyrak	119.72 303	ePKP	07 07 36.2 -1.1
BMNS	comp=Z,215nm,1.2s			
UCH	Uchtor	119.86 301	P	07 07 37.2 -0.8
UCH	SNR=8.2			
W37B	Quinton	120.09 69	P	07 07 35.7 -2.4
W37B	comp=Z,2um,19.0s			
AAK	Ala-Archa	120.12 301	PKP	07 07 37.6 -0.5
AAK	comp=Z,3.4nm,0.9s,baz=109,slow=3.1,SNR=6.7			
AAK	Ala-Archa	120.12 301	PKP	07 07 37.2 -0.9
AAK	comp=Z,3um,19.0s			
AAK	Ala-Archa	120.12 301	ePKP	07 07 38.0 -0.1
AAK	comp=Z,3um,19.0s			
AAK	Ala-Archa	120.12 301	eSKP	07 11 08.9 -3.5
AAK	comp=Z,1um,21.0s			
FRU	Bishkek	120.17 302	ePKP	07 07 36.0 -2.0
FRU	comp=Z,60nm,1.9s			
FRU	comp=Z,60nm,1.9s			
X3BA	Whitesboro	120.19 70	P	07 07 37.4 -0.9
X3BA	baz=232			
CHMS	Chumysh	120.19 302	P	07 07 37.0 -1.1

AML	Almayashu	120.29 301	P	PKP	07 07 38.6 -0.1
AML	SNR=9.0				
USP	Ospenovka	120.50 302	P	PKP	07 07 39.4 +0.8
USP	SNR=8.3				
EK52	Erkin-Say	120.56 301	P	PKP	07 07 40.0 +1.1
EK52	SNR=5.7				
LAO	LASA Array	120.62 53	P	PKP	07 07 38.6 -0.2
LAO	baz=233				
LAO	LASA Array	120.62 53	ePKP	PKP	07 07 37.9 -0.8
LAO	baz=233				
LAO	LASA Array	120.62 53	eSKP	PKP	07 11 14.9 +1.4
LAO	baz=233				
MIAR	Mount Ida	120.92 71	PFAKE LR	07 07 50.0 +10	
MIAR	comp=Z,2um,19.0s				
TIXI	Tiksi	120.96 347	PKP	PKP	07 07 36.7 -1.9
TIXI	comp=Z,6.0nm,0.9s,baz=163,slow=0.8,SNR=11				
TIXI	Tiksi	120.96 347	PKP	PKP	07 07 38.8 +0.3
TIXI	comp=Z,2um,20.0s				
TIXI	Tiksi	120.96 347	ePKP	PKP	07 07 36.0 -2.5
TIXI	comp=Z,2um,20.0s				
MTDJ	Mount Denham	121.23 96	PFAKE LR	07 07 50.0 +9.2	
MTDJ	comp=Z,3um,19.0s				
ZALV	Zalesovo Beam	121.47 317	PKP	PKP	07 07 37.8 -2.2
ZALV	comp=Z,2.0nm,0.6s,baz=162,slow=2.6,SNR=9.5				
ZALV	comp=Z,0.7nm,0.4s,baz=73,slow=9.9,SNR=3.9				
ZALV	comp=Z,0.7nm,0.7s,baz=292,slow=4.3,SNR=4.2				
ZALV	Zalesovo Beam	121.47 317	PKP	PKP	07 07 37.8 -2.2
ZALV	comp=Z,2.0nm,0.6s				
ZALV	comp=Z,1.0nm,0.4s				
ZALV	comp=Z,1.0nm,0.7s				
KSU1	Kansas State U	121.75 65	PFAKE LR	07 07 50.0 +8.9	
KSU1	comp=Z,3um,19.0s				
U39A	Green Forest	122.10 69	P	PKP	07 07 41.5 -0.4
U39A	baz=233				
DZA	Taraz	122.14 300	ePKP	PKP	07 07 41.6 -0.1
DZA	comp=Z,118nm,0.6s				
U40A	Yellville	122.49 70	P	PKP	07 07 41.6 -1.1
U40A	baz=233				
T39A	Cleaver	122.55 69	P	PKP	07 07 41.5 -1.2
T39A	baz=233				
S38A	Stockton	122.58 68	P	PKP	07 07 41.4 -1.3
S38A	baz=233				
KURB	Kurchatov Arra	122.62 311	PKP	PKP	07 07 40.8 -1.5
KURB	comp=Z,9.3nm,0.8s,baz=114,slow=1.9,SNR=53				
KURB	comp=Z,5.6nm,1.1s,baz=129,slow=5.9,SNR=4.9				
KURB	Kurchatov	122.62 311	PKP	PKP	07 07 41.0 -1.4
KURB	comp=Z,9.3nm,0.8s,baz=114,slow=1.9,SNR=53				
KURB	Kurchatov	122.62 311	ePKP	PKP	07 07 40.3 -2.1
KURB	comp=Z,2um,20.0s				
NVS	Novosibirsk	122.75 317	PKP	PKP	07 07 41.8 -0.7
NVS	comp=Z,5.1nm,2.0s				
NVS	comp=N,11nm,1.6s				
NVS	comp=Z,3um,19.0s				
KK31	Karatay Array	122.76 300	PKP	PKP	07 07 41.8 -1.1
KK31	comp=Z,5.1nm,1.5s				
KKAR	Karatay Array	122.76 300	ePKP	PKP	07 07 41.7 -1.2
KKAR	comp=Z,3um,19.0s				
KKAR	Karatay Array	122.76 300	ePKP	PKP	07 07 41.7 -1.2
KKAR	comp=Z,3um,19.0s				
S39A	Bolivar	122.98 68	P	PKP	07 07 41.6 -1.9
S39A	baz=234				
BRAL	Brewton	123.17 78	PFAKE LR	07 08 00.0 +16	
BRAL	comp=Z,2um,20.0s				
R39A	Chumby, Stover	123.53 68	P	PKP	07 07 43.6 -1.0
R39A	baz=235				
U42A	Revdenn	123.53 71	P	PKP	07 07 43.6 -1.0
U42A	baz=234				
GTBY	Guantanamo Bay	124.06 97	PFAKE LR	07 08 00.0 +14	
GTBY	comp=Z,2um,19.0s				
RCBR	Riachuelo	124.22 154	PFAKE LR	07 08 00.0 +13	
RCBR	comp=Z,3um,19.0s				
P39B	Salisbury	124.39 67	P	PKP	07 07 45.2 -0.9
P39B	baz=235				
ECSD	EROS Data Cent	124.43 61	P	PKP	07 07 45.0 -1.1
ECSD	baz=236				
ECSD	EROS Data Cent	124.43 61	ePKP	PKP	07 07 44.8 -1.4
ECSD	comp=Z,4um,20.0s				
G32A	Webster	124.75 59	P	PKP	07 07 47.1 +0.4
G32A	baz=236				
N38A	Joos South For	124.84 65	P	PKP	07 07 46.1 -0.9
N38A	baz=235				
H38A	Prehn Over Nor	124.88 60	P	PKP	07 07 46.8 -0.2
H38A	baz=236				
R42A	Luebbering	124.95 69	P	PKP	07 07 47.0 -0.2
R42A	baz=237				
Q41A	Truxton	125.06 68	P	PKP	07 07 48.0 +0.6
Q41A	baz=235				
G33A	Ortonville	125.35 59	P	PKP	07 07 46.7 -1.1
G33A	baz=237				
H34A	Spelman Lake,	125.45 60	P	PKP	07 07 47.4 -0.6
H34A	baz=237				
SCIA	State Center	125.48 64	PFAKE LR	07 08 00.0 +12	
SCIA	comp=Z,4um,19.0s				
Q42A	Golden Eagle	125.48 69	P	PKP	07 07 47.4 -0.9
Q42A	baz=235				
J36A	Seneca 1, Swea	125.58 62	P	PKP	07 07 47.7 -0.6
J36A	baz=236				
ASCN	Ascension	125.58 180	PFAKE LR	07 08 00.0 +11	
ASCN	comp=Z,3um,22.0s				
V47A	Nunnely	125.66 73	P	PKP	07 07 48.1 -0.6
V47A	baz=237				
F33A	5 Mile Ranch,	125.78 59	P	PKP	07 07 48.0 -0.6
F33A	baz=237				
YKA	Yellowknife Ar	125.80 34	PKP	PKP	07 07 46.5 -1.5
YKA	comp=Z,3.8nm,0.8s,baz=231,slow=1.8,SNR=30				
YKA	comp=Z,4.				

Table with 4 columns: PCIG, CCIG, CCIG, HUIG. Rows include Comitan and Huatulco with associated values and error ellipses.

ISCJB 19 07:20:39.9,0.9,46:78S:0:08:165:58E:0:08,h16km, mb3.4/2, Error ellipse: s-maj=12.0km s-min=7.5km az=164.8

IDC 19 07:20:41.6,1.6,45:11S:166:75E,h0km,mb3.4/2, mb1.3/6.2,mb1mx3.4/33,mbtmp3.4/2, Error ellipse: s-maj=100.0km s-min=43.4km az=39.0

WEL 19 07:20:41.8,4.7 S:15x16:6E:1,0,h12km,ML4.4/6, ML4.5/1

NEIC 19 07:20:44.1,0.0,46:71S:165:70E,h28km,ML4.4(WEL), After WEL

ISC 19 07:20:42.9,1.0,46:72S:165:80E:0:07,h16km,n44, s134/47, Off west coast of South Island

Main station list table for the first section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like Puysegur Point, Deep Cove, etc.

WEL 19 07:23:14.0,47S:13x16:6E:1,h12km,ML4.1/7, Off west coast of South Island

Main station list table for the second section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like Puysegur Point, Deep Cove, etc.

NEIC 19 07:24:04.5,0.0,46:31S:165:28E,h20km,ML4.2(WEL), After WEL

WEL 19 07:24:07.4,7S:21x16:6E:1,h12km,ML4.2/7, Off west coast of South Island

Main station list table for the third section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like Puysegur Point, Deep Cove, etc.

IDC 19 07:29:24.6,0.8,2:25N:92:93E,h0km,mb3.4/15, mb1.4/4.1,mb1mx4.1/56,mbtmp4.3/17,ML4.6/2,MS5.0/4, Ms1.5/0.4,ms1mx4.0/58, Error ellipse: s-maj=36.4km s-min=13.4km az=49.0

NEIC 19 07:29:26.5,0.3,2:31N:92:99E,h10km,mb4.8/12, Error ellipse: s-maj=6.5km s-min=3.6km az=219.0

ISCJB 19 07:29:29.4,0.9,2:31N:92:99E,h10km,mb4.8/12, Error ellipse: s-maj=6.5km s-min=3.6km az=219.0

ISCJB 19 07:29:29.4,0.9,2:31N:92:99E,h10km,mb4.8/12, Error ellipse: s-maj=6.5km s-min=3.6km az=219.0

BUI 19 07:29:28.9,2:35N:92:61E,h30km,mb4.4/22,MB4.9/11, Ms4.7/7,Ms7.4/6.8

DJA 19 07:29:29.4,0.9,2:31N:92:99E,h10km,mb4.8/12, Error ellipse: s-maj=6.5km s-min=3.6km az=219.0

KLM 19 07:29:38.2,2:27N:93:50E,h15km,mb4.9

ISC 19 07:29:28.4,0.5,2:34N:0:06:93:12E:0:05,h21km,n126, s25/13/137,mb4.6/28,MS5.0/6,2C-4D, Off west coast of northern Sumatra

Small table with 4 columns: Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like Sinabang, Meulaboh, etc.

Main station list table for the middle section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like Gungungsitoli, Lhok Sumawe, etc.

Main station list table for the right section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC. Lists stations like KSH, WMQ, BJI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like H1N22, WAKE ISLAND, H1N11, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like W1RZ, FITZROY CROSSI, WRAB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like PYZ, PUYSEGUR POINT, APZ, etc.

IDC 19 07:45:34.6:3.3, 47:49S:166:74E, h0km, mb1 4.4/2, mb1mx3.8/26, mbtmp4.4/2, ML4.1/2, Error ellipse: s-maj=218.0km s-min=29.4km az=138.0

IS/CJB 19 07:45:35.4:1.4, 46:74S:009:165:5E:0:1, h13km, Error ellipse: s-maj=12.9km s-min=12.3km az=135.9

WEL 19 07:45:39.6, 47:5:16:16:6E:1:8, h12km, ML4.6/12, Error ellipse: s-maj=12.9km s-min=12.3km az=135.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like PUYSEGUR POINT, DEEP COVE, etc.

CSEM 19 07:55:26.0:4.0, 42:91N:17:53E, h2km, ML2.0, Error ellipse: s-maj=7.4km s-min=4.3km az=59.0

BE0 19 07:55:26.0:7.4, 42:91N:17:45E, h0km, M1.9/7, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0

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

WEL 19 07:42:45.7, 47S:16:16:6E:1:1, h12km, ML4.1/9, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IVAS, DIVS, SELS, etc.

WEL 19 07:55:45.5, 47°S:16°16'56"E, h12km, ML3.9/7, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PYZ, APZ, DCZ, WHZ, etc.

JMA 19 08:01:36.4:0.1, 28°55'N:129°59'E, h15km, 4km, M3.6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JAM, JZK, JAMN, etc.

ISCJB 19 08:22:46.8:0.7, 32°16'S:0°03'71"38W, 0.08, h90km, 7km, mb3.8/4, Error ellipse: s-maj=11.8km s-min=5.6km az=1.5

SJA 19 08:22:47.6:0.7, 32°03'S:71°11'W, h18km, 4km, ML3.7, MW3.9

GUC 19 08:22:49.2:0.4, 32°23'S:71°32'W, h72km, 9km, ML4.0

NEIC 19 08:22:49.0:0.0, 32°22'S:71°32'W, h72km, ML4.0(GUC), After GUC

NEIC Felt [11] at Quillota and [1] at Salamanca. ISC 19 08:22:48.6:0.9, 32°19'S:0°05'71"21W, 0.07, h87km, 8km, n29, i193/42, mb3.9/4, 2D, Near coast of central Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ROCH, PEL, CLCH, STL, FCH, FSR, AUP, ARCO, TLL, AAGR, AMOG, LO, ACAN, AGUA, PLCA, TRQA, CPUP, SIV, TXAR, DBIC, NVAR, TORO, WRA, ZALV, MKAR, etc.

NEIC 19 08:26:43.7:0.0, 47°06'S:164°26'E, h47km, ML4.4(WEL), After WEL

ISCJB 19 08:26:54.1:0.9, 46°83'S:0°07'165°58'E:0°07, h15km, mb3.3/2, Error ellipse: s-maj=10.4km s-min=6.7km az=169.9

IDC 19 08:26:55.7:2.1, 46°23'S:165°55'E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.4/20, mbtmp3.4/3, ML3.7/1, Error ellipse: s-maj=73.5km s-min=28.0km az=173.0

WEL 19 08:26:56.4, 47°S:16°16'56"E, h12km, ML3.9/7, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PYZ, APZ, DCZ, WHZ, etc.

IEPN 19 08:29:19.0, 82°33'N:2°78'W, h15km, station ZFI has station magnitude of 3.40, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KBS, SPAO, HSPB, ZFI, etc.

NEIC 19 08:44:78.0:0.0, 46°81'S:165°24'E, h10km, ML4.0(WEL), After WEL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PYZ, APZ, DCZ, WHZ, etc.

WEL 19 08:46:06.3, 47°S:16°16'56"E, h12km, ML3.9/7, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PYZ, APZ, DCZ, WHZ, etc.

IDC 19 08:51:37.0:1.8, 11°20'S:165°54'E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.7/44, mbtmp4.1/5, ML4.2/1, Error ellipse: s-maj=43.6km s-min=30.0km az=142.0, Santa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include HNR, HNR, STKA, WRA, ASAR, ILAR, etc.

WEL 19 08:58:00.8:1.7, 8°06'S:122°08'E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.4/52, mbtmp3.6/4, ML3.4/3, Error ellipse: s-maj=152.7km s-min=26.1km az=59.0

ISCJB 19 08:58:02.8:1.0, 8°36'S:0°08'121°74'E:0.05, h31km, mb3.6/1, Error ellipse: s-maj=12.2km s-min=7.5km az=11.8

DJA 19 08:58:02.0:0.6, 8°S:5°S:12°2'E, h10km, M3.77, MLv3.777

ISC 19 08:58:04.3:1.2, 8°44'S:0°10'121°77'E:0.06, h31km, n11, i2813/14, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include EDFI, MMRI, WSI, BASI, etc.

IDC 19 09:01:53.2:0.5, 46°75'S:165°70'E, h0km, mb4.6/13, mb1 4.7/15, mb1mx4.5/28, mbtmp4.6/15, ML4.5/2, MS4.7/12, Ms1 4.6/12, ms1mx4.5/17, Error ellipse: s-maj=19.8km s-min=15.8km az=61.0

ISCJB 19 09:01:54.7:0.2, 46°66'S:0°04'165°74'E:0.03, h16km, mb5.1/45, MS4.7/13, Error ellipse: s-maj=5.5km s-min=2.5km az=164.2

BJI 19 09:01:55.6:46.70'S:165°60'E, h19km, mb5.3/17, mb5.6/8, Ms5.3/5, Ms7.4/9

NEIC 19 09:01:56.0:1.3, 46°76'S:165°60'E, h15km, 7km, ms5.2/24, ML4.5(WEL), Error ellipse: s-maj=6.3km s-min=3.6km az=173.0

NEIC Felt at Invercargill. MOS 19 09:01:56.8:1.1, 46°88'S:165°18'E, h24km, mb4.9/15, Error ellipse: s-maj=19.1km s-min=10.2km az=106.9

WEL 19 09:01:56.5, 47°S:16°16'56"E, h12km, ML3.7/7, GCMT 19 09:01:56.0:0.2, 46°84'S:165°22'E, h23km, MW5.2/99, Moment Tensor Solution, s80,c110, s99,c146;

Duration: 19.0 Moment tensor: Scale 10^17 Nm; Mo: 62z: 0.3; Mw: 0.14z: 0.2; Ms: 0.75z: 0.2; Ma: 0.03z: 0.3; Ms: 0.4z: 0.1; Ms: 0.5z: 0.3; Best double couple: Mo: 90000x10^17 NP1: 178.00000, 865.00000, 1.85.00000. NP2: 9.00000, 825.00000, 1.100.00000. Principal axes: T 0.8310, Plg70.0000, Azm79.0000; N 0.1390, Plg4.0000, Azm180.0000; P -0.9700, Plg20.0000, Azm272.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

ISC 19 09:01:56.4:0.3, 46°73'S:0°04'165°70'E:0.04, h16km, n313, i154/317, mb5.2/45, MS4.7/13, 30C-3D, Off west coast of South Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PYZ, APZ, DCZ, WHZ, etc.

NNC 19 09:09:52.4,2.3,54.17N,87.13E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=44.5km s-min=29.2km az=158.0

19 09:09:54.4,2.5,54.355N,86.91E,h0km,mb1.3,2.3, mb1mx3.0,3,mbtmp3.2,ML3.0,3,6C-3D, Error ellipse: s-maj=22.2km s-min=14.0km az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, KURK, KURKB, MK31, MKAR, MKAR, BVAR.

WEL 19 09:10:03.2,47.5S,15.16E,1.0,h5km,16km,ML3.7/6, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

NNC 19 09:14:02.5,4.6,53.69N,87.50E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=41.2km s-min=30.8km az=168.0

19 09:13:59.5,2.8,53.68N,87.97E,h0km,mb1.3,2.2, mb1mx2.9/3,5,mbtmp3.2,ML2.8,2,6C-3D, Error ellipse: s-maj=23.4km s-min=15.3km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, KURK, KURKB, MK31, MKAR, MKAR, MKAR.

WEL 19 09:14:05.7,47.5S,15.16E,1.0,h12km,ML3.9/6, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

NEIC 19 09:17:39.8,0.0,46.76S,165.27E,h5km,ML4.0(WEL), After WEL.

WEL 19 09:17:40.0,47.5S,15.16E,1.0,h12km,ML4.1/6

19 09:17:41.3,1.4,46.86S,165.08E,0.07,h15km, mb3.2/2, Error ellipse: s-maj=12.1km s-min=7.3km az=176.0

19 09:17:45.8,9.7,44.75S,166.43E,h0km,mb3.1/2, mb1.3/2, mb1mx3.3/1.4, mbtmp3.1/2, Error ellipse: s-maj=63.8km s-min=64.4km az=16.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

WEL 19 09:23:28.1,47.5S,16.16E,1.0,h12km,ML3.7/7, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

NNC 19 09:38:25.8,3.4,44.16N,83.13E,h0km,mb2.9,mpv2.5, Error ellipse: s-maj=29.7km s-min=12.6km az=128.0

SOME 19 09:38:26.8,44.22N,83.02E,h0km

19 09:38:34.8,1.6,44.22N,83.02E,0.1,h2km, Error ellipse: s-maj=17.8km s-min=8.7km az=146.7

ISC 19 09:38:30.8,1.8,44.12N,0.09,83.22E,0.09,h24km,n11, s=210/19,5C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KTMES, DJR, MK31, PDGK, MAKZ, KAPS, KPKS, ZSN, ARXS.

WEL 19 09:38:38.7,47.5S,11.16E,1.0,h5km,16km,ML3.8/9, ML3.8/9, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

NEIC 19 09:42:18.1,3.0,46.97S,165.64E,h5km,16km,mb4.0/4, Error ellipse: s-maj=21.0km s-min=8.3km az=174.0

19 09:42:18.0,1.1,46.77S,165.72E,h0km,mb4.1/4, mb1.4/2, mb1mx4.1/1.9, mbtmp4.1/1.6, ML3.5/2, MS3.5/2, ML3.5/2, mb1mx3.1/2.7, Error ellipse: s-maj=37.8km s-min=22.4km az=168.0

19 09:42:19.3,0.7,46.73S,0.08,165.54E,0.05,h15km, mb4.1/6, MS3.9/1, Error ellipse: s-maj=11.1km s-min=4.9km az=177.5

WEL 19 09:42:20.4,47.5S,22.16E,1.1,h12km,ML4.8/10

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

WEL 19 09:42:20.3,0.7,46.78S,165.70E,0.05,h15km,n71, s=121/68,mb4.1/6, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PUYSEGUR POINT, APZ, WHZ, MLZ, SYZ, TUZ, EAZ.

NNC 19 10:02:58.9,1.9,53.71N,87.95E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=18.0km s-min=14.3km az=166.0

19 10:02:57.2,1.8,53.75N,88.08E,h0km,mb1.3,2.2, mb1mx3.1/5.3, mbtmp3.3/2, ML3.0/2,5C-3D, Error ellipse: s-maj=23.0km s-min=15.5km az=55.0, Southwestern Siberia

ISC 19 10:02:58.9,1.9,53.71N,87.95E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=18.0km s-min=14.3km az=166.0

19 10:02:57.2,1.8,53.75N,88.08E,h0km,mb1.3,2.2, mb1mx3.1/5.3, mbtmp3.3/2, ML3.0/2,5C-3D, Error ellipse: s-maj=23.0km s-min=15.5km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, KURK, KURKB, MK31, MKAR, MKAR, MKAR.

WEL 19 10:02:58.9,1.9,53.71N,87.95E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=18.0km s-min=14.3km az=166.0

19 10:02:57.2,1.8,53.75N,88.08E,h0km,mb1.3,2.2, mb1mx3.1/5.3, mbtmp3.3/2, ML3.0/2,5C-3D, Error ellipse: s-maj=23.0km s-min=15.5km az=55.0, Southwestern Siberia

ISC 19 10:02:58.9,1.9,53.71N,87.95E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=18.0km s-min=14.3km az=166.0

19 10:02:57.2,1.8,53.75N,88.08E,h0km,mb1.3,2.2, mb1mx3.1/5.3, mbtmp3.3/2, ML3.0/2,5C-3D, Error ellipse: s-maj=23.0km s-min=15.5km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, KURK, KURKB, MK31, MKAR, MKAR, MKAR.

NEIC 19 09:17:39.8,0.0,46.76S,165.27E,h5km,ML4.0(WEL), After WEL.

WEL 19 09:17:40.0,47.5S,15.16E,1.0,h12km,ML4.1/6

19 09:17:41.3,1.4,46.86S,165.08E,0.07,h15km, mb3.2/2, Error ellipse: s-maj=12.1km s-min=7.3km az=176.0

19 09:17:45.8,9.7,44.75S,166.43E,h0km,mb3.1/2, mb1.3/2, mb1mx3.3/1.4, mbtmp3.1/2, Error ellipse: s-maj=63.8km s-min=64.4km az=16.0

Table with columns: MKAR, Station Name, Time, Res, ISC. Includes Makanchi Array, Sngario Array, Koldanda, etc.

IDC 19 10:04:51.2±1.2, 6.15S; 107.38W, h0km, mb4.0/9, mb1.4/3.9, mb1mx4.1/25, mbtimp4.0/9, MS4.4/17, Ms1.4/4.17, ms1mx4.2/33, Error ellipse: s-maj=51.7km s-min=17.8km az=59.0

ISCJB 19 10:04:53.0±0.5, 6.53S; 0.07°-107.24W; 0.08, h10km, mb4.0/7.7, MS4.4/17, Error ellipse: s-maj=12.9km s-min=8.4km az=14.4

GCMT 19 10:04:55.3±0.2, 6.16S; 106.98W, h19km, MW5.2/119, Moment Tensor Solution. s74, c107, s119, c205; Duration: 1s0 Moment tensor: Scale: 1019Nm; Mn: 0.44±.15; Mm: 1.12±.14; Mpp: 0.67±.16; Mo: 2.05±.32; Mss: 7.69±.14; Msr: 0.80±.32; Best double couple: Mb: 0.5800x1016 NP1.0±273.00000°, δ85.00000°, λ: 1.5.00000°. NP2.0±4.00000°, δ75.00000°, λ: -174.00000°

Principal axes: T: 8.0870, P1g: 0.0000°, Azm: 319.00000°; N: -0.0530, P1g74.0000°, Azm74.00000°; P: -8.0290, P1g15.0000°, Azm227.0000°. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=870s. NEIC 19 10:04:55.3±0.5, 6.56S; 107.16W, h10km, mb4.8/7.0 Error ellipse: s-maj=16.9km s-min=8.4km az=55.0

ISC 19 10:04:54.5±0.6, 6.50S; 0.10°-107.33W; 0.1, h10km, n119, c193/98, mb4.7/7.7, MS4.3/17, Central East Pacific Rise

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like Rapa Nui, SocoRRO T, Tlapa, Matias Romero, etc.

Table with columns: ORV, Station Name, Time, Res, ISC. Includes Oroville, Hardware Ranch, Boulder Array, etc.

ISCJB 19 10:06:38.9±0.6, 2.59N; 128.80E, h26km, mb3.7/10, Error ellipse: s-maj=14.1km s-min=6.7km az=177.4

IDC 19 10:06:39.8±5.5, 2.75N; 128.80E, h26km, mb3.4/11, mb1.3/5.1, mb1mx3.3/35, mbtimp4.0/11, Error ellipse: s-maj=26.8km s-min=11.8km az=75.0

DJA 19 10:06:45.1±1.7, 2.75N; 128.80E, h18km, M4.7/6, mb4.8/2, mb4.8/2, MLV4.6/MWMB4.1/2

ISC 19 10:06:40.0±0.8, 2.52N; 0.07°-128.80E; 0.1, h25km, n25, c198/27, mb3.7/10, Halmahera

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like Labuha, KMSI, Sani, etc.

Table with columns: PKI, Station Name, Time, Res, ISC. Includes Pulchoki, Sngario Array, Koldanda, etc.

IDC 19 10:12:51.7±2.1, 3.03N; 129.12E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/36, mbtimp3.5/4, Error ellipse: s-maj=154.8km s-min=22.5km az=68.0, North of Halmahera

WEL 19 10:16:14.9, 47.7S; 16°16'6"E, h12km, ML3.5/1, ML4.0/11, Off west coast of South Island

IDC 19 10:17:50.0±0.7, 29.88S; 176°17'W, h0km, mb4.3/12, mb1.4/5.14, mb1mx4.2/46, mbtimp4.3/14, ML4.0/2, Error ellipse: s-maj=23.7km s-min=17.0km az=162.0

ISCJB 19 10:17:53.5±0.5, 29.92S; 0.03°-176°17'W; 0.06, h33km, mb4.5/18, Error ellipse: s-maj=7.2km s-min=4.0km az=12.0

WEL 19 10:17:53.4, 29°S; 36°17'W; 49.5, h176km, e6km

NEIC 19 10:17:54.5±3.0, 29.94S; 176°20'W, h29km, mb4.7/7, Error ellipse: s-maj=10.5km s-min=9.1km az=57.0

ISC 19 10:17:55.1±0.5, 29.83S; 0.07°-176°10'W; 0.07, h35km, n70, c193/71, mb4.5/18, Kermadec Islands region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like Puysegur Point, The Paps, Deep Cove, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLDR, AGRB, DYDN, EKAR, HAKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THW, CEP, WSAR, AAK, MKAR, etc.

NNC 19 11:08:46.1±2.8, 51°60'N:76°03'E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=29.8km s-min=19.3km az=25.0, Suspected Mining explosion.

ISC 19 11:08:43.6±1.0, 51°55'N:75°83'E, h0km, mbl 2.5/3, mb1mx2.5/58, mbtmp2.5/3, ML2.2/3, 5C-1D, Error ellipse: s-maj=26.0km s-min=7.9km az=29.0, Eastern Kazakhstan

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

NEIC 19 11:38.8±0.4, 67°29'S:165°37'E, h10km, ML4.1 (WEL), After WEL, Off west coast of South Island

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

KRNET 19 11:12:31.3±0.1, 41°55'N:77°33'E, h17km, mb2.6, SOME 19 11:12:32.8, 41°52'N:77°28'E, h20km

ISC 19 11:12:27.6±1.9, 41°42'N:07°77'33"E, h4km±12km, n21, n098/42, 14C-4D, Kyrgyzstan-Xinjiang border region

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

mb1 3.6/3, mb1mx3.4/21, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=112.6km s-min=28.1km az=171.0

ISC 19 11:14:20.1±1.3, 46°16'S:166°16'E, h12km, ML4.2/7, s-maj=25.6km s-min=17.0, Error ellipse: s-maj=48.6km

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

JSN 19 11:16:16.9±0.3, 19°56'N:76°44'W, h22km±94km, MD3.8, 6C-1D, Cuba region

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

ISC 19 11:16:50.4±1.2, 46°78'S:165°78'E, h0km, mb4.0/4, mb1 4.2/6, mb1mx4.0/23, mbtmp4.0/6, ML3.8/2, MS3.9/6, s-maj=25.6km s-min=17.0, Error ellipse: s-maj=48.6km

ISC 19 11:16:51.7±0.5, 46°81'S:0°06', h16km, mb4.3/11, MS3.8/5, Error ellipse: s-maj=8.9km s-min=3.9km az=164.7

NEIC 19 11:16:52.7±2.6, 46°79'S:165°65'E, h14km±15km, mb4.4/8, Error ellipse: s-maj=17.2km s-min=9.1km az=175.0

ISC 19 11:16:52.8, 47°S:10°16'6"E, h12km, ML4.7/5, s-maj=25.6km s-min=17.0, Error ellipse: s-maj=48.6km

ISC 19 11:16:53.4±0.6, 46°72'S:07°16'S, h68E±0.05, h16km, n67, n1916/64, mb4.3/11, MS3.8/5, 1D, Off west coast of South Island

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

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MK32, MKAR, YKA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ZALV, I46RU, KURBB, etc.

ISC/JB 11:29:01.3,0.9,15.6S:0.3:175.1W:0.1, h262km, mb3.8/10, Error ellipse: s-maj=39.2km s-min=9.1km az=155.3

ISC 11:29:02.0,1.3,15.70S:174.99W,h258km,14km,mb3.5/9, mb1 3.0/10, mb1mx3.6/27, mbtmp4.1/10, Error ellipse: s-maj=41.1km s-min=13.1km az=143.0

ISC 11:29:02.4,1.0,15.75S:175.0W:0.2,h262km,n18, o=94/20, mb3.8/10, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like AFI, STKA, WRA, ASAR, etc.

NIED 19:11:50:00,36.30N,141.10E,h11km,Mw3.6 Best double couple: M2.65000x10^14 NP1.3e63.00000°,d44.00000°, l-86.00000°, NP2.2e37.00000°,d46.00000°, l-94.00000°

ISC 19:11:50:30.2,0.7,36.19N:141.08E,h0km,mb3.6/8, mb1 3.9/12, mb1mx3.7/45, mbtmp3.7/12, M3.6/3, Error ellipse: s-maj=15.3km s-min=5.3km az=108.0

ISC/JB 19:11:50:32.0,0.6,36.24N:0.03:141.20E:0.0,h32km, mb3.6/8, Error ellipse: s-maj=7.4km s-min=4.9km az=67.0

JMA 19:11:50:32.9,36.24N:141.06E,h37km,1km,M3.9 JMA Feit II J1

ISC 19:11:50:34.0,0.7,36.29N:0.04:141.01E:0.0,h32km,n24, o=1560/24,mb3.6/8,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JHO, CHQJ, CHQJ, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like NVAR, PDAR, etc.

ISC 19:11:54:39.1,6.9,19.28S:176.21W,h0km,mb3.8/2, mb1 4.1/2, mb1mx3.4/38, mbtmp3.8/2,MS3.7/1,Ms1 3.7/1, ms1mx2.7/36, Error ellipse: s-maj=301.0km s-min=108.1km,az=153.0,Fiji Islands region

IPEC 19:11:58:20.8:0.2,49.84N:18.57E,h0km,ML1.5/3, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0

ISC/JB 19:11:58:21.9,0.9,49.72N:0.05:18.43E:0.06,h0km, Error ellipse: s-maj=6.2km s-min=2.6km az=31.4

PRU 19:11:58:22.1,9,49.82N:18.53E,h0km CSEM 19:11:58:22.0,2,0.49:73N:18.45E,h1km,ML2.5/4, Error ellipse: s-maj=5.7km s-min=2.2km az=30.0

ISC 19:11:58:22.3:1.1,49.71N:0.07:18.47E:0.05,h0km,n13, o=27/22,Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like OKC, MORC, LANS, etc.

ISC/JB 19:12:02:35.9:0.6,3.58N:0.04:126.76E:0.04,h62km,7km, mb4.2/28, Error ellipse: s-maj=7.7km s-min=4.6km az=143.7

ISC 19:12:02:36.2,2.4,3.63N:126.62E,h44km,22km,mb4.0/19, mb1 4.1/20, mb1mx3.9/48, mbtmp4.2/20,ML4.5/1,MS3.2/4, Ms1 3.2/4,ms1mx3.9/43, Error ellipse: s-maj=23.8km s-min=9.2km,az=74.0

DJA 19:12:02:37.7:1.3,3.7N:127.7E,h20km,12km,M4.4/9, mb4.6/6,mb4.8/7,ML4.9,W(MW)B4.1/7

NEIC 19:12:02:38.3:0.7,3.58N:126.68E,h67km,7km,mb4.7/13, Error ellipse: s-maj=7.8km s-min=3.9km az=64.0

ISC 19:12:02:36.7:1.0,3.66N:0.04:126.82E:0.06,h49km,10km, n71,l=910/87,mb4.4/27,1C,Talau Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SGSI, GNTI, DAV, etc.

MRSI 48m,0.5s,559nm0.2mm S Sn 12 05 05.5 -0.2

LUWI Luwuk 6.18 221 P Pn 12 04 05.3 -0.1

SWI Sorong 6.31 135 P Sn 12 04 07.9 +0.6

SWI 98m,0.8s,0.3nm S Sn 12 05 19.0 +0.9

SJUI Sorong 6.32 135 P Sn 12 04 09.8 +2.3

SJUI 5.8m,0.3s,baz=194,slow=23,SNR=18 S Sn 12 05 18.8 +0.4

NLAI Namlea 6.86 178 P Sn 12 04 14.3 -0.4

APSI Ampana 6.88 229 P Pn 12 04 14.9 -0.1

MPSI Mapaga 7.66 245 P Pn 12 04 26.4 +0.6

MYLDM Lahad Datu 8.43 281 ePn Pn 12 04 37.0 +0.6

SBUM Sibuluan 14.63 266 ePn Pn 12 06 00.4 -0.4

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like BJT, NWAQ, STKA, etc.

ISC 19:12:02:47.5:1.8,37.57N:142.17E,h0km,mb3.5/4, mb1 3.6/5, mb1mx3.3/48, mbtmp3.4/5,ML3.2/1, Error ellipse: s-maj=43.4km s-min=24.8km az=59.0

ISC/JB 19:12:02:50.1,0.9,37.61N:0.05:142.01E:0.07,h24km, mb3.5/4, Error ellipse: s-maj=8.7km s-min=6.2km az=37.8

JMA 19:12:02:51.3,0.1,37.65N:141.93E,h26km,2km,M3.5

ISC 19:12:02:51.4:1.3,37.66N:141.95E:0.09,h24km,n24, o=1834/24,mb3.6/4,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JFK, JFO, JMM, etc.

MJAR 1.3m,0.3s,baz=222,slow=33,SNR=51 Sn 12 04 20.7 +3.3

MAT Matsushiro 3.19 251 P Sn 12 03 45.1 +3.3

H1N2 WAKE ISLAND Hy 28.11 123 T T 12 38 05.0

H1N1 WAKE ISLAND Hy 28.12 123 T T 12 38 04.2

H1N3 WAKE ISLAND Hy 28.13 123 T T 12 38 08.7

H1S1 WAKE ISLAND Hy 28.85 125 T T 12 39 01.6

H1S3 WAKE ISLAND Hy 28.85 125 T T 12 39 01.2

H1S2 WAKE ISLAND Hy 28.86 125 T T 12 39 04.5

MJAR Matsushiro Arr 3.19 251 Pn Pn 12 03 42.1 +2.0

WRA Warramunga Arr 57.74 188 P Pn 12 12 40.1 -0.2

ASAR Alice Springs 61.46 188 P Pn 12 13 05.2 -0.8

ISC 19:12:11:45.0:2.0,51.58N:96.14E,h0km,mb3.6/1, mb1 3.1/5, mb1mx2.9/40, mbtmp3.1/5,ML2.6/4, Error ellipse: s-maj=46.7km s-min=17.0km az=14.0

ASRS 19:12:11:47.0:2.3,51.79N:95.71E,h15km,M3.3/1

MOS 19:12:11:49.2:2.1,51.71N:95.43E,h10km,mb4.3/1, Error ellipse: s-maj=15.8km s-min=10.6km az=9.5

ISC 19:12:11:49.8:0.8,51.68N:0.08:95.43E:0.04,h10km,n28, o=39/226,1C-5D,Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like HVS, ORL, MOY, etc.

TLY Talaya 5.11 87 ePn Pn 12 13 12.1 +5.7

19d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HYB Hyderabad, AKASG Malin Array Be, and various other locations.

2012 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like VTS Vitoshka, VTS Vitoshka, and various other locations.

898

Table with columns for station name, frequency, power, and other technical details. Includes stations like TTTG Podgorica, ULC Ulcinj, and various other locations.

ASAR 0.3nm,0.9s,baz=16,slow=24,SNR=2.9 S S 14 06 03.9 -4.5
MKAR Makanchi Array 68.12 323 P P 14 08 17.2 +0.2

SFS 19 14:03:23.0,32°35'N,7°16'W,h0km,ML4.1
MDD 19 14:03:23.0,32°32'N,7°16'W,h0km,mb3.9/5,Error
ellipse: s-maj=38.8km s-min=24.5km az=84.0,PRXIMO

CSEM 19 14:03:27.1,0.5,32°21'N,7°16'W,h20km,mb3.9,Error
ellipse: s-maj=12.5km s-min=8.1km az=89.0

INMG 19 14:03:24.9,1,3,32°28'N,7°16'W,h26km,17km,MD3.0,
ML2.6,Error ellipse: s-maj=12.5km s-min=7.2km
az=127.0,Morocco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include AVE Averroes, AVE Ave, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, PBDV Barranco-do-ve, PBDV Barranco-do-ve, PBDV Barranco-do-ve, MORF Marneleite, MORF Marneleite, MORF Marneleite, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, EGRO El Granado, EGRO El Granado, EGRO El Granado, PCVE Castro Verde, PCVE Castro Verde, PCVE Castro Verde, EMIN Mina Concepcio, EMIN Mina Concepcio, EMIN Mina Concepcio, MESJ Messejana, MESJ Messejana, MESJ Messejana, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, ECAB El Cabri, ECAB El Cabri, ECAB El Cabri, EVO Evora, EVO Evora, EADA Adamaz, EADA Adamaz, EADA Adamaz, MAN 19 14:05:27,1575N,119.79E,h24km,mb4.3,ML3.1,MS2.9, Luzon

MAN 19 14:05:27,1575N,119.79E,h24km,mb4.3,ML3.1,MS2.9, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include SCZP Santa Cruz, BOLP Bolinao, BOLP Bolinao, BALP Baler

ISCJB 19 14:06:55.0,4.8,43°15'N,0°04'126°33'W,0.07,h10km,
mb3.5/4,MS3.2/3,Error ellipse: s-maj=7.4km s-min=5.4km
az=159.1

ISC 19 14:06:55.8,1.4,43°23'N,126°18'W,h0km,mb3.6/5,
mb1 3.9/9,mb1mx3.7/49,mbtm3.6/8,ML3.4/4,MS3.4/6,
Ms1 3.4/6,ms1mx3.1/36,Error ellipse: s-maj=23.8km
s-min=11.7km az=50.0

NEIC 19 14:06:57.2,0.9,43°19'N,126°21'W,h10km,mb4.0/3,Error
ellipse: s-maj=14.9km s-min=9.0km az=50.0

ISC 19 14:06:56.8,1.1,43°11'N,0°06'126°26'W,0.09,h10km,n37,
e131/39,mb3.5/4,MS3.1/3,Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include L02D Cave Junction, L02D Cave Junction, L03D Drain, L03D Drain, HUMO Hull Mountain, HUMO Hull Mountain, COR Corvallis

COR 2.89 75 eSn Sn 14 08 09.6 -0.9
I04A Tendick Farm, baz=257,SNR=18 P P 14 07 43.4 +0.6

I04A baz=257 S Sn 14 08 19.2 +1.6
YBH Yreka Blue Hor 2.97 116 Pn 14 07 44.4 +0.3

YBH 1.3nm,0.3s,baz=307,slow=13,SNR=47 S Sn 14 08 21.9 +2.2
G03D McClinnville O 3.01 45 P P 14 07 44.9 +0.4

G03D baz=226,SNR=42 S Sn 14 08 22.4 +1.7
J04D Umpqua Nationa 3.04 86 P P 14 07 46.3 +1.1

J05D Fort Rock, OR 3.68 86 P Pn 14 07 54.4 +0.5
F04D Rainier, OR 3.77 37 P Pn 14 07 55.9 +0.9

F04D baz=219 S Sn 14 08 41.0 +1.5
I05D Terrebonne, OR 3.77 69 P Pn 14 07 55.6 +0.6

G05D Wamic, OR 4.15 57 P Pn 14 08 01.4 +1.2
B05A baz=240,SNR=24 S Sn 14 08 24.7 +0.2

B05A baz=211,SNR=9.0 S Sn 14 09 33.1 +0.6
C06D Leavenworth 6.12 36 P Pn 14 08 28.0 +0.8

C06D baz=220 S Sn 14 09 38.8 +1.6
BMO Blue Mountains 6.69 72 ePn Pn 14 08 35.4 +0.2

NVAR Mila Array Bea 7.64 125 Pn Pn 14 08 50.1 +1.9
NEW Newport 8.22 48 Pn Pn 14 08 56.2 +0.2

NEW baz=252,SNR=15 LR 14 12 25.0
BBB Bella Bella 9.17 353 LR LR 14 11 58.7

BBB baz=Z,189nm,19.7s,baz=214,slow=11,SNR=5.2 LR 14 11 58.7
WALA Waterlon Lakes 10.44 51 Pn Pn 14 09 24.6 -1.9

BOZ Bowman (W) 10.77 72 ePn Pn 14 09 31.2 +0.1
PDAR Pinedale Array 12.25 86 Pn Pn 14 09 54.7 +3.2

PDAR baz=246nm,18.1s,baz=319,slow=1 LR 14 15 14.5
DLBC Dease Lake 15.53 33 Pn Pn 14 10 35.1 -0.5

SDCO Great Sand Dun 16.68 102 ePn Pn 14 10 48.5 -2.3
FFC Flin Flon 19.63 45 eP P 14 11 23.7 -1.6

YKA Yellowknife Ar 20.59 15 P P 14 11 35.8 +0.1
ULM Lac du Bonnet 21.93 60 P Pn 14 11 49.0 -1.1

ULM baz=6.9nm,0.9s,baz=280,slow=10,SNR=7.6 LR 14 19 07.7
KDAK Kodiak Island 22.09 321 LR LR 14 17 18.0

KDAK baz=Z,226nm,21.9s,baz=66,slow=28 LR 14 17 18.0
TXAR Lajitas Array 22.74 120 P P 14 12 00.8 +1.7

ILAR Elison Array 24.64 309 P P 14 12 17.7 +0.6
ILAR baz=1.2nm,1.0s,baz=150,slow=7.0,SNR=9.3 LR 14 20 16.5

ILAR baz=Z,263nm,21.9s,baz=349,slow=33 LR 14 20 16.5
H1N3 WAKE ISLAND HY 60.01 270 T T 15 21 52.8

H1N2 WAKE ISLAND HY 60.01 270 T T 15 21 53.7
H1N1 WAKE ISLAND HY 60.02 270 T T 15 21 54.9

H1S1 WAKE ISLAND HY 60.02 269 T T 15 22 52.2
H1S2 WAKE ISLAND HY 60.03 269 T T 15 23 01.4

H1S3 WAKE ISLAND HY 60.04 269 T T 15 22 55.1
SONMI Sogingio Array 78.24 327 P P 14 18 56.3 -0.3

LSZ baz=0.4nm,0.8s,baz=50,slow=4.5,SNR=4.3 P P 14 26 33.6 -0.6
LSZ baz=1.4nm,0.8s,baz=360,slow=3.0,SNR=12 PKPdf

ISC 19 14:12:08.8,1.8,36°33'N,141°95'E,h0km,mb3.4/3,
mb1 3.5/6,mb1mx3.3/47,mbtm3.5/6,ML3.3/3,Error
ellipse: s-maj=35.0km s-min=22.1km az=84.0

ISCJB 19 14:12:09.0,5.8,36°36'N,0°05'142°05'E,0.08,h19km,
mb3.4/3,Error ellipse: s-maj=5.9km s-min=5.6km az=23.5

JMA 19 14:12:12.8,0.1,36°36'N,141°78'E,h2km,mb3.2,
ISC 19 14:12:10.8,1.2,36°32'N,0°05'143°7'E,0.09,h19km,n17,
e1509/22,mb3.4/3,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include CHOU Chosi, CHOU Hitachi, ONAJ Iwakimizuishiy, JFK Kawachi, JFT Otama, JMM Marumori, BSO Boso, BSO Boso, JAG Ashikaga, JRY Ryogami san, MJAR Matushiro Arr

MJAR baz=6.9nm,0.3s,baz=92,slow=16,SNR=32 S Sn 14 13 34.5 +0.6
MAT Matushiro 3.04 275 P Pn 14 12 59.7 +1.7

MAT baz=0.3nm,0.3s,baz=207,slow=18,SNR=5.1 S Sn 14 13 35.6 +1.6
JHJ Hachijo jima 2 3.67 210 Pn 14 13 07.2 +0.6

JHJ baz=1.9nm,0.3s,baz=75,slow=20,SNR=3.6 S Sn 14 13 47.2 -2.1
ASAJ Asahikawa 7.80 3 Pn Pn 14 14 03.9 +0.7

ASAJ baz=0.3nm,0.3s,baz=207,slow=18,SNR=5.1 S Sn 14 15 31.4 +0.4
SONMI Sogingio Array 28.56 305 P P 14 18 06.9 +1.4

MKAR Makanchi Array 44.88 303 P P 14 20 24.4 +0.4
WRA Warramunga Arr 56.42 189 P Pn 14 21 51.9 +0.6

ISCJB 19 14:15:48.5,1.0,46°76'S,0°09'165°54'E,0.07,h15km,
mb3.6/3,MS3.5/2,Error ellipse: s-maj=13.5km
s-min=6.8km az=2.9

WEL 19 14:15:48.5,47°S,17°56'E,1.1,h12km,ML4.8/12
IDC 19 14:15:51.8,1.6,46°53'S,165°66'E,h19km,5km,mb3.6/3,
mb1 3.8/4,mb1mx3.6/29,mbtm3.7/4,ML3.8/1,MS3.5/2,
Ms1 3.5/2,ms1mx3.1/21,Error ellipse: s-maj=51.6km
s-min=24.6km az=0.0

ISC 19 14:15:50.3,0.9,46°75'S,0°09'165°63'E,0.06,h15km,n38,
e1523/36,mb3.7/3,Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include PYZ Puysegur Point, PYZ Puysegur Point, APZ The Paps, APZ The Paps, DCZ Deep Cove, WHZ Wether Hill Ro, MLZ Mavora Lakes, MLZ Mavora Lakes, SYZ Scrubby Hill, SYZ Scrubby Hill, DCZ Wetake Sound, TUZ Tuapeka, TUZ Tuapeka, EAZ Earnsclough, EAZ Earnsclough, HUMO Hull Mountain, HUMO Hull Mountain, COR Corvallis

ODZ Otahua Downs 3.90 66 P Pn 14 16 48.2 -1.4
LBZ Lake Benmore 3.98 55 P Pn 14 16 50.4 -0.4

RPZ Rata Peaks 4.89 54 Pn Pn 14 17 01.7 -1.7
RPZ baz=4.5nm,0.3s,baz=226,slow=3.1,SNR=26 S Sn 14 17 56.3 -3.3

RPZ Rata Peaks 4.89 54 P Pn 14 17 01.6 -1.7
WVZ Waitaha Valley 5.17 46 P Pn 14 17 07.0 0.0

INZ Inchbonnie 5.78 48 P Pn 14 17 14.6 -0.8
LTZ Lake Taylor 6.17 52 P Pn 14 17 21.1 -0.9

DSZ Denniston Nort 6.72 43 P Pn 14 17 27.3 -0.9
STKA Stephens Creek 23.67 300 P P 14 21 02.8 +1.6

ASAR Alice Springs 34.30 301 P P 14 22 35.8 -0.4
ASAR baz=0.7nm,0.6s,baz=133,slow=7.9,SNR=17 S Sn 14 22 58.1 -0.9

ASAR baz=0.9nm,0.7s,baz=128,slow=8.3,SNR=7.7 S Sn 14 22 58.1 -0.9
WRA Warramunga Arr 36.97 306 P P 14 23 03.7 +0.1

WRA baz=0.8nm,0.8s,baz=137,slow=7.7,SNR=7.0 S Sn 14 23 03.7 +0.1
NWA0 Narogin (SRO) 39.03 273 LR LR 14 35 56.4

H01W1 Cape Leeuwin H 40.04 268 T T 15 05 50.7
H01W2 Cape Leeuwin H 40.04 268 T T 15 05 51.4

H01W3 Cape Leeuwin H 40.06 268 T T 15 05 52.0
PLCA Paso Flores 79.56 140 LR LR 14 57 11.2

KURBB Kurchatov Arra 122.52 311 pPKP pPKPdf 14 34 52.6 +3.3
TOR2 Torodi Ar. Bea 143.88 207 PKP pPKPdf 14 35 23.8 -1.4

TORD Torodi Ar. Bea 143.88 207 PKP pPKPdf 14 35 30.6 +0.2
ARCES ARCES Array B 149.91 333 PKPbc PKPbc 14 35 39.5 +1.0

ARCES baz=2.9nm,0.6s,baz=60,slow=3.2,SNR=3.3 S Sn 14 35 46.9 +1.5
FINES FINES Array 152.65 317 pPKPbc pPKPbc 14 35 52.2 +2.0

FINES baz=2.3nm,0.5s,baz=98,slow=3.8,SNR=2.2 S Sn 14 35 52.2 +2.0

ISCJB 19 14:28:12.8,0.9,29°0'N,0°1'66°4'E,0.2,h8km,mb3.3/6,
MS3.3/1,Error ellipse: s-maj=24.9km s-min=11.3km
az=42.9

IDC 19 14:28:12.9,1.1,28°9'N,66°41'E,h0km,mb3.3/6,
mb1 3.5/7,mb1mx3.3/58,mbtm3.4/7,ML3.5/1,MS3.3/2,
Ms1 3.3/2,ms1mx2.8/33,Error ellipse: s-maj=31.2km
s-min=27.0km az=106.0

ISC 19 14:28:14.2,1.2,29°0'N,0°2'66°4'E,0.2,h8km,n9,
e069/10,mb3.5/6,Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include THW Thamme Wali, CEP Cherat, AAK Ala-Archa, AAK Ala-Archa, MKAR Makanchi Array, MKAR Makanchi Array

BVAR Borovje Array 24.20 6 P Pn 14 33 32.2 +1.1
TORD Torodi Ar. Bea 61.71 270 P P 14 38 33.5 +0.1

WRA Warramunga Arr 81.62 118 P P 14 40 33.2 +0.1
ASAR Alice Springs 83.42 121 P P 14 40 42.5 0.0

YKA Yellowknife Ar 88.84 0 P Pn 14 41 07.9 -0.6
WEL 19 14:29:30.8,47°S,14°16'6"E,1.1,h12km,ML3.9/11,Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include PYZ Puysegur Point, PYZ Puysegur Point, APZ The Paps, APZ The Paps, DCZ Deep Cove, DCZ Deep Cove, WHZ Wether Hill Ro, WHZ Wether Hill Ro, MLZ Mavora Lakes, MLZ Mavora Lakes, SYZ Scrubby Hill, SYZ Scrubby Hill, TUZ Tuapeka, TUZ Tuapeka, TUZ Tuapeka, EAZ Earnsclough, EAZ Earnsclough, WKZ Wanaka, WKZ Wanaka, JAC Jackson Bay, JAC Jackson Bay, ODZ Otahua Downs, ODZ Otahua Downs, LBZ Lake Benmore, LBZ Lake Benmore, RPZ Rata Peaks, RPZ Rata Peaks, LTZ Lake Taylor, LTZ Lake Taylor, DSZ Denniston Nort, DSZ Denniston Nort

MILOR Milford Sound 2.67 36 S Sn 14 30 38.9 +0.1
TUZ Tuapeka 2.86 73 S Sn 14 30 35.9 -0.7

TUZ Tuapeka 2.86 73 S Sn 14 30 49.4 -1.1
EAZ Earnsclough 2.98 59 Pn Pn 14 30 17.3 -0.6

WKZ Wanaka 3.07 50 P Pn 14 30 19.9 +0.2
JAC Jackson Bay 3.52 39 Pn Pn 14 30 25.4 0.0

ODZ Otahua Downs 3.89 64 S Sn 14 30 27.0 0.0
LBZ Lake Benmore 3.99 54 P Pn 14 30 30.1 -1.7

RPZ Rata Peaks 4.90 52 P Pn 14 30 41.0 -3.3
LTZ Lake Taylor 6.19 51 P Pn 14 31 01.3 -0.7

DSZ Denniston Nort 6.72 43 P Pn 14 31 06.7 -2.5

ISCJB 19 14:42:46.9,0.6,40°58'N,0°04'33°8'E,0.03,h7km,5km,
Error ellipse: s-maj=7.3km s-min=4.0km az=12.1

CSEM 19 14:42:46.8,0.2,40°58'N,33°81'E,h8km,ML2.3,Error
ellipse: s-maj=4.3km s-min=3.0km az=19.0

ISK 19 14:42:46.0,40°62'N,33°76'E,h14km,ML2.3
DDA 19 14:42:46.5,40°53'N,33°80'E,h7km,ML2.5
ISC 19 14:42:46.6,1.0,40°57'N,0°03'33°81'E,0.02,h10km,8km,
n25,e046/40,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include CANT Cankiri, CANT Cankiri, ELDT Eldivan, ELDT Eldivan, ELDT Eldivan, ILGA Ilgaz, ILGA Ilgaz, TOS Tosya, TOS Tosya, CORM Corum, CORM Corum, CORM Corum, COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum-Alaca, CMDR Camlidere-ANKA, CMDR Camlidere-ANKA, CMDR Camlidere-ANKA, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, ANTO Ankara, ANTO Ankara, AFSR Af ar-Bala (A), AFSR Af ar-Bala (A), AFSR Af ar-Bala (A), BCAM Yeniciga, BCAM Yeniciga, TOS Tosya, TOS Tosya, CORM Corum, CORM Corum, COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum-Alaca, CMDR Camlidere-ANKA, CMDR Camlidere-ANKA, CDAG Cicekdag, CDAG Cicekdag, ANTO Ankara, ANTO Ankara, AFSR Af ar-Bala (A), AFSR Af ar-Bala (A), BCAM Yeniciga, BCAM Yeniciga, YOZ Yozgat, YOZ Yozgat, KKUL Konya-Kulu, KKUL Konya-Kulu, KKUL Konya-Kulu, KKUL Konya-Kulu

ILGA Ilgaz 0.49 351 P Pn 14 42 56.1 -0.1
TOS Tosya 0.49 19 ePn Pn 14 42 55.8 -0.4

TOS Tosya 0.49 19 ePn Pn 14 42 55.8 -0.4
CORM Corum 0.74 122 ePn Pn 14 43 01.9 -0.7

CORM Corum 0.74 122 ePn Pn 14 43 01.9 -0.7
COAL Corum-Alaca 0.95 109 P Pn 14 43 05.4 +0.5

COAL Corum-Alaca 0.95 109 P Pn 14 43 05.4 +0.5
CMDR Camlidere-ANKA 1.02 266 P Pn 14 43 07.6 +0.4

CMDR Camlidere-ANKA 1.02 266 P Pn 14 43 07.6 +0.4
CDAG Cicekdag 1.04 155 P Pn 14 43 20.2 +0.1

CDAG Cicekdag 1.04 155 P Pn 14 43 20.2 +0.1
CDAG Cicekdag 1.04 155 P Pn 14 43 20.2 +0.1

IDC 19 14:43:42.7-27.0, 21.75S-172.64W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/28, mbtmp3.8/4, Error ellipse: s-maj=498.1km s-min=162.4km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include CTKA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

ISCJB 19 14:49:33.8-1.6, 35.98S-0.07x73.7W:0.1, h33km, Error ellipse: s-maj=16.4km s-min=9.7km az=160.4

GUC 19 14:49:34.5-0.7, 36.06S-73.73W, h30km, 2.1km, ML3.9 SJA 19 14:50:14.4-0.4, 33.85S-70.64W, h10km, ML3.4, MW3.0 ISC 19 14:49:36.9-3.0, 36.16S-0.09x73.7W:0.2, h35km, n9, az=213/12, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include COCH Cobquecura, CCHI Chilean, GO05 Hualae-E, TMU Temuco, WRA Warramunga Arr, GUANOACOL, APLL PUNTA DE LOS L, ACLC CERRO LA CRUZ, TCA Tanti.

IDC 19 14:54:22.6-1.7, 2.39N-95.68E, h0km, mb3.7/7, mb1 3.7/9, mb1mx3.5/7, mbtmp3.7/9, ML3.2, MS3.3/3, Ms1 3.4/3, ms1mx3.0/39, Error ellipse: s-maj=55.6km s-min=18.7km az=53.0

ISCJB 19 14:54:24.5-0.9, 2.40N-0.08x95.66E:0.07, h25km, mb3.8/7, MS3.9/1, Error ellipse: s-maj=13.7km s-min=6.7km az=37.6

DJA 19 14:54:29.4-0.9, 3.1N-4.9E, h27km, 4km, M3.7/4, ms1mx3.0/39, Error ellipse: s-maj=55.6km s-min=18.7km az=53.0

ISC 19 14:54:27.4-1.2, 2.50N-0.08x95.84E:0.09, h25km, n21, az=114/17, mb3.9/7, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include SNSI Sinabang, Aech, TPTI Tanti, MSLI Meulaboh, Aech, GSI Gunungsitoli, LHMII Lhok Sumawe, Prapat, PSI Prapat, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, SONMI Songoing Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, BVAR Borovoye Array, MAW Mawson.

IDC 19 15:58:7.1-1.7, 5.17N-126.07E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/35, mbtmp3.4/4, Error ellipse: s-maj=118.7km s-min=21.7km az=70.0

ISCJB 19 15:16:06.0-0.9, 5.35N:0.10x126.1E:0.1, h100km, mb3.2/4, Error ellipse: s-maj=21.8km s-min=9.8km az=149.7

ISC 19 15:16:08.8-1.1, 5.3N:0.1x126.1E:0.1, h100km, n8, az=270/9, mb3.3/4, 1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include GSPH General Santos, MATI Mati, DAV Davao City, BUKP Musuan, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 19 15:20:25.2-1.5, 1.52S-126.43E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.3/31, mbtmp3.3/4, ML3.3/1, Error ellipse: s-maj=26.3km s-min=12.5km az=64.0

ISCJB 19 15:20:28.6-0.8, 1.48S-0.06x126.47E:0.02, h29km, mb3.4/2, Error ellipse: s-maj=11.4km s-min=5.7km az=44.5

DJA 19 15:20:28.3-0.5, 2.54x12.7E, h10km, M3.3/3, MLV3.3/3 ISC 19 15:20:29.3-1.1, 1.48S:0.07x126.42E:0.08, h29km, n7, az=57/11, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include SANI Sanana, LBMI Labuha, NLAI Namlea, SIJ Sorong, SIJ Sorong, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

0.3nm, 0.4s, baz=118, slow=8.5, SNR=6.5

IDC 19 15:29:49.1-3.2, 36.03S-97.35W, h0km, mb3.7/5, mb1 4.2/5, mb1mx3.9/28, mbtmp3.8/5, MS3.2/2, Ms1 3.3/2, ms1mx3.1/15, Error ellipse: s-maj=97.1km s-min=29.8km az=32.0, West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include PLCA Paso Flores, LPAZ La Paz, LPAZ La Paz, CPUP Villa Florida, TXAR Lailias Array, NVAR Mina Array Bea, PDAR Pinedale Array.

BUI 19 15:34:53.7-1.3, 35Sx126.88E, h13km, mb4.4/27, mb5.0/13, Ms4.8/4, Ms7 4.6/4

IDC 19 15:34:56.1-0.7, 1.00S-126.62E, h0km, mb4.2/13, mb1 4.3/15, mb1mx4.1/37, mbtmp4.2/15, ML3.9/2, Error ellipse: s-maj=26.0km s-min=12.8km az=67.0

NEIC 19 15:34:57.3-0.2, 0.91S: 126.85E, h10km, mb4.8/29, Error ellipse: s-maj=7.2km s-min=4.2km az=76.0

ISCJB 19 15:34:59.3-0.2, 0.93S:0.02x126.85E:0.03, h34km, mb4.6/48, MS4.5/1, Error ellipse: s-maj=3.9km s-min=3.3km az=161.2

DJA 19 15:34:59.4-0.2, 1.2S:2x12.7E, h10km, M4.4/6, mb4.5/1, mb5.2/4, MLV4.6/6, MWM(B)4.5/4

ISC 19 15:35:01.2-0.4, 0.92S:0.04x126.87E:0.04, h34km, n97, az=159/111, mb4.7/48, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Rows include LBMI Labuha, SANI Sanana, SANI Sani, TNTI Ternate, NLAI Namlea, AAI Ambon, MSOI Masohi, KMSI Cibinong, LUWI Luwuk, SWI Sorong, SIJ Sorong, SIJ Sorong, SIJ Sorong, BNDI Bandanaira, MNSI Marisa, APSI Ampang, FAKI Fak Fak, FAKI Fak Fak, MPSI Mapaga, TTSI Tana Toraja, SPSI Sidrap Palu, KAPI Kappang, SAUI Saumlaki, SOEI Soe, MYLDM Lahad Datu, MTN Manton Dam, KKM Kota Kinabalu, KKM Kuching, FITZ Fitzroy Crossi, WRAB Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, COEN Coen, MBWA Marble Bar, PMG Port Moresby, MYKOM Kota Tinggi, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, TPUB Ta-pu, NACB Nanganchiao, YHNB Yeheng, CTA Charters Tower, FORT Forrest, BBOO Bucleokeo, GYA Gyuayng, WHN Wuhan, NJ2 Nanjing, CHTO Chiang Mai, STKA Stephens Creek, STKA Stephens Creek, JNU Naksutsue, KMI Kunming, KMI Kunming, KS15 Wonju Arrai Si, KSAR Wonju Arrai Si, KSR5 Korea Arr 1, CD2 Chengdu, MAJO Matsushiro, MJAR Matsushiro Arr, MJBR Matsui Tunnel, CAN Canberra, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, HHC Hu-ho-hao-te.

HHC comp=Z, 4.0nm, 1.0s pmax pmax

HHC comp=Z, 95nm, 6.0s pmax pmax

USRK Utsurisy Ar. 45.15 5 P 15 43 14.9 +0.4

ERM Erimo 45.21 17 eP P 15 43 14.1 -0.9

ASAJ Asahikawa 46.99 15 eP P 15 43 29.2 +0.2

GA GA 47.17 331 eP P 15 43 32.1 +1.4

GTA GTA 47.17 331 eP P 15 43 36.3 -4.5

GLN GLN 47.17 331 eP P 15 43 39.1 -5.8

ULN Ulanbaatar 51.56 343 eP P 15 44 04.2 +0.1

SONAO Songoing Array 51.73 343 eP P 15 44 06.0 +0.7

SONMI Songoing Array 51.73 343 eP P 15 44 06.0 +0.7

SONAI Songoing Array 51.74 343 eP P 15 44 05.0 0.0

TLY Talaya 55.97 343 eP P 15 44 36.0 -0.2

WMQ Urumqi 56.63 327 eP P 15 44 40.3 +2.0

WMQ 56.63 327 eP P 15 44 49.3 -2.1

WMQ 56.63 327 eP P 15 44 52.8 -2.6

WMQ comp=Z, 10.0nm, 0.7s pmax pmax

PEAOB Petropavlovsk 59.68 21 eP P 15 45 02.4 +0.3

PETK Petropavlovsk 59.68 21 eP P 15 45 02.3 +0.2

PEK1 Petropavlovsk 59.68 21 eP P 15 45 02.3 +0.2

MK01 Makanchi Array 61.44 327 eP P 15 45 13.8 -0.5

MK31 Makanchi Array 61.46 327 eP P 15 45 13.6 -0.8

MKAR Makanchi Array 61.46 327 eP P 15 45 14.5 0.0

MKAR Makanchi Array 61.46 327 eP P 15 45 13.5 -0.9

KSH Kashi 61.46 317 P P 15 45 15.8 +1.1

KSH Kashi 61.46 317 P P 15 45 15.8 +1.1

KSH Kashi 61.46 317 P P 15 45 15.8 +1.1

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KSH Kashi 61.46 317 P P 15 45 15.8 +1.1

19d 17h

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

MEX 19 15:49:10.5-0.7, 15:31N-93:50W, h86km, 7km, MD3.7, Near coast of Chiapas

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

ISK 19 16:16:21.1, 38:73N-43:24E, h16km, ML2.2

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

ISC 19 16:25:58.8-2.4, 7:06S, 130:55E, h50km, 24km, mb3.9/4, mb1.4/3.8, mb1mx3.9/28, mbtmp3.4/8, ML4.5/4, Error ellipse: s-maj=19.4km s-min=19.4km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

ISC 19 16:26:01.0-0.3, 7:13S-130:03E, h100km, mb4.4/9, Error ellipse: s-maj=6.5km s-min=3.7km az=167.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

ISC 19 16:26:01.6-0.5, 7:02S-104:130E, h100km, n55, az=31/63, mb4.4/9, Taninbar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

ISC 19 16:26:02.1-0.4, 7:13S-130:03E, h100km, mb4.4/9, Error ellipse: s-maj=6.5km s-min=3.7km az=167.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

2012 JAN

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

SJA 19 16:44:10.9-0.3, 23:80S-66:70W, h214km, 7km, ML2.1, MW2.7

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

ISC 19 16:44:11.8-0.5, 23:79S-0:06E, 80W, 0:05, h200km, Error ellipse: s-maj=9.8km s-min=4.5km az=33.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AZAP Zapla, YJA Yavi, etc.

ISC 19 16:52:17.9-31.0, 7:47S-68:06E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.1/50, mbtmp3.4/3, Error ellipse: s-maj=1020.0km s-min=37.2km az=64.0, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

ISC 19 16:59:38.2-0.5, 23:99N-0:03E, 122:47E, h28km, 4km, Error ellipse: s-maj=4.4km s-min=2.9km az=159.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

ISC 19 16:59:35.1-2.1, 23:98N-0:03E, 122:50E, h10km, n10km, n45, 0:83/72, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

906

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

ISC 19 17:00:29.9-1.8, 6:85S-129:21E, h0km, mb3.5/2, mb1.3/5.4, mb1mx3.3/44, mbtmp3.3/4, ML3.2/2, MS2.7/1, ms1=2.7/1, ms1mx2.5/28, Error ellipse: s-maj=116.5km s-min=30.4km az=68.0, Banda Sea

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

TEH 19 17:04:40.0, 28:27N-53:66E, h10km, ML3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, ISRV Sarvestan, etc.

ISC 19 17:04:40.1, 28:28N-53:66E, h10km, ML3.6, Error ellipse: s-maj=10.1km s-min=7.4km az=1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, ISRV Sarvestan, etc.

2012 JAN

19d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Borovoye Array, Kurchatov Arra, Makanchi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ende, Flores, Maumere, Waingapu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Joseni, HARR, SGRR, etc.

Table with columns: CMA, LR, 19 15 44.6, comp-Z, 19m, 19.1s, baz=350, slow=35, Korea Array, 20.51 19 P, 1.8m, 0.7s, baz=212, slow=9.5, SNR=3.3

Table with columns: MJA0, Matsu Arr-Jizo, 3.43 277 eP, Pn, 19 16 54.9 -0.7, MJA0, Matsu Arr-Jizo, 3.43 277 eP, Pn, 19 16 54.9 -0.7

Table with columns: ZALV, comp-Z, 9.9m, 19.6s, baz=68, slow=36, ZALV, Zalesovo Beam, 43.12 313 eP, P, 19 24 01.5 +0.1

WEL 19:19:07:58.5, 47°S, 16°16'E, 14, h5km, ML3.8/8, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PYZ, Puysegur Point, 1.03 43 Op, ISC, h m s, ISC, 19 08 16.8 -1.4

ISCJB 19:19:15.2, 71.8, 4.81S, 0:07x153.5E, 0.1, h74km, 14km, mb4.0/18, Error ellipse: s-maj=18.8km s-min=11.8km az=0.3

NEIC 19:15:22.0, 8.0, 3.478S, 153.51E, mb4.2/6, Error ellipse: s-maj=6.7km s-min=6.6km az=92.0

IDC 19:15:22.0, 7.4, 8.1S, 153.47E, h70km, 5km, mb3.8/12, mb1.3/13, mb1mx3.6/47, mbtmp4.1/13, MS3.5/4, Ms1.3/5.4, ms1mx3.0/35, Error ellipse: s-maj=19.3km s-min=14.5km az=93.0

ISC 19:19:22.6, 0.7, 4.80S, 0:09x153.5E, 0.1, h70km, 5km, h71km: pP-P, n29, o068/38, mb4.1/18, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, RABL, Rabaul, 1.44 295 eP, Pn, 19 15 47.0 +0.1, PMG, Port Moresby, 7.76 234 P, Pn, 19 17 13.6 +0.7

Table with columns: MJA0, Matsu Arr-Jizo, 3.43 277 eP, Pn, 19 16 54.9 -0.7, MJA0, Matsu Arr-Jizo, 3.43 277 eP, Pn, 19 16 54.9 -0.7

Table with columns: ZALV, comp-Z, 9.9m, 19.6s, baz=68, slow=36, ZALV, Zalesovo Beam, 43.12 313 eP, P, 19 24 01.5 +0.1

NIED 19:19:16:04.0, 36.20N, 142.50E, h5km, Mw4.4 Best double couple: M4.70000, 1015 NP1.224, 00000, 838, 00000, lambda119, 00000, NP2.0, 10, 00000, 858, 00000, lambda70, 00000

JMA 19:19:16:04.0, 36.19N, 142.47E, h76km, M3.6

NEIC 19:19:16:04.0, 36.12N, 142.47E, h32km, 4km, mb4.6/11, Error ellipse: s-maj=6.2km s-min=5.0km az=162.0

IDC 19:19:16:04.0, 5.0, 36.09N, 142.45E, h32km, 3km, mb3.8/20, mb1.4/24, mb1mx3.6/61, mbtmp4.0/24, ML3.4/4, MS3.7/14, Ms1.3/7.14, ms1mx3.3/54, Error ellipse: s-maj=14.9km s-min=11.0km az=1.0

MOS 19:19:16:06.6, 1.1, 36.142N, 142.11E, h43km, mb4.7/17, Error ellipse: s-maj=11.6km s-min=7.3km az=44.6

ISC 19:19:16:04.0, 5.3617N, 0:04:142.47E, 0:06, h32km, 4km, h32km: pP-P, n139, o1f53/136, mb4.4/39, MS3.8/15, 6C-3D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, CHOU, Chosi, 1.39 251 P, Op, ISC, h m s, ISC, 19 16 25.6 -1.9

Table with columns: SONA, Songino Array, 28.97 305 eP, Pn, 19 22 01.2 +0.2, SONA, Songino Array, 28.97 305 eP, Pn, 19 22 01.2 +0.2

Table with columns: DOPR, Dopca, 80.55 321 S, S, 19 38 22.7 +4.7, DOPR, Monte Rosu, 80.59 320 LR, LR, 19 38 06.39.3

mb1 3.8/1.1, mb1mx3.5/4.5, mbtmp3.7/11, ML4.0/2, MS3.2/2, M1 3.2/2, ms1mx2.7/4.5, Error ellipse: s-maj=20.8km s-min=13.8km az=56.0

ISCJB 19 19:17:14.0, 5.0, 36.40N, 0.05:58.97E:0.05, h10km, mb3.6/6, MS3.1/2, Error ellipse: s-maj=7.8km s-min=4.3km az=31.5

CSEM 19 19:17:16.2, 0.4, 36.39N:58.98E, h15km, ML3.9, Error ellipse: s-maj=13.9km s-min=7.9km az=35.0

TEH 19 19:17:16.1, 36.27N:58.87E, h7km, ML3.9, Error ellipse: s-maj=12.0km s-min=7.8km az=22.0

NINC 19 19:17:20.6, 4.8, 36.98N:59.03E, h0km, mb3.9, Error ellipse: s-maj=42.6km s-min=22.8km az=22.0

ISC 19 19:17:15.1, 0.7, 36.34N, 0.04:58.91E:0.04, h10km, n39, s=29.49, mb3.7/6, 1C-6D, Northern and central Iran

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

GUC 19 19:29:18.5, 0.6, 36.19S:73.88W, h25km, 14km, ML4.0, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for GUC event.

ISC 19 19:41:36.3, 3.2, 34.87S:179.63W, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.8/30, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=70.5km s-min=46.3km az=122.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for ISC event.

IDC 19 19:45:56.1, 3, 2, 24AS:12:10W, h0km, mb4, 1/13, mb1 4.2/15, mb1mx3.9/51, mbtmp4.1/15, ML3.4/2, MS3.5/12, M1 3.5/12, ms1mx3.3/37, Error ellipse: s-maj=40.7km s-min=17.7km az=88.0

ISCJB 19 19:45:57.4, 0.7, 2:28S:0:08x1:18W, 0.1, h10km, mb4.2/15, MS3.5/10, Error ellipse: s-maj=20.5km s-min=9.8km az=18.0

NEIC 19 19:45:58.5, 0.7, 2:49S:1:187W, h10km, mb4.6/5, Error ellipse: s-maj=25.7km s-min=11.9km az=106.0

ISC 19 19:45:58.9, 0.9, 2:45S:0:1.1:18W, 0.1, h10km, n47, s=111/32, mb4.3/15, MS3.5/10, BC-1D, North of Ascension Island

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their parameters.

ISCJB 19 19:58:40.9, 0.5, 3:71S:0:05:128:88E:0.05, h100km, mb3.8/6, Error ellipse: s-maj=6.8km s-min=6.4km az=2.8

DJA 19 19:58:44.4, 0.5, 4:5:3:12:9E, h94km, 5km, M3.8/6, MLV3.8/6

IDC 19 19:58:44.2, 3:65S:129:19E, h130km, 33km, mb3.5/6, mb1 3.7/9, mb1mx3.4/37, mbtmp4.0/9, Error ellipse: s-maj=39.0km s-min=13.6km az=82.0

ISC 19 19:58:42.7, 0.8, 3:62S:0:05:128:91E:0:04, h100km, n17, s=186/24, mb3.8/5, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for IDC and ISC events.

JMA 19 20:12:30.8, 36:35N:140:57E, h7km, 1km, M2.0, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for JMA event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for ONAJ, JFK, JYF, JYT, JYU, JYV, JFY.

JMA 19 20:13:01.1, 36:42N:138:06E, h9km, 1km, M0.4, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for JMA event.

IDC 19 20:13:39.6, 2.6, 6:08S:130:38E, h144km, 34km, mb2.9/1, mb1 3.3/5, mb1mx2.9/46, mbtmp3.6/5, Error ellipse: s-maj=63.9km s-min=20.1km az=87.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for IDC event.

TIF 19 20:17:57.5, 42:56N:43:00E, h8km, CSEM 19 20:17:58.6, 0.5, 42:52N:42:97E, h2km, ML1.7, Error ellipse: s-maj=11.2km s-min=5.4km az=147.0

DDA 19 20:17:58.8, 42:51N:42:87E, h7km, M12.7, ISC 19 20:17:57.1, 4.6, 42:56N:0:08:42:92E:0.05, h2km, 11km, n17, 0:061/33, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for TIF, DDA, and ISC events.

ISK 19 20:19:12.1, 38:69N:43:68E, h5km, ML2.7, ISCJB 19 20:19:14.4, 0.6, 38:70N:0:02:43:69E:0:04, h0km, 5km, Error ellipse: s-maj=5.1km s-min=3.7km az=7.2

CSEM 19 20:19:14.1, 0.3, 38:71N:0:33:43:68E, h2km, ML2.7, Error ellipse: s-maj=6.4km s-min=3.7km az=8.0

DDA 19 20:19:14.4, 38:70N:43:64E, h7km, M12.6, ISC 19 20:19:14.7, 0.9, 38:70N:0:02:43:67E:0:03, h10km, 7km, n43, 0:096/68, Turkey

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VANB Van, YANB Van, TVAN Van, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ZIIG Zihuatanejo, AC2P Acapulco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, RAC Raciborz, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, LANS Liptovska Anna, NIE Niedzica, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GOPC GO Pecny, Ondr, PRU Pruhonic, PVCC Panska Ves, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VANB Van, YANB Van, TVAN Van, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ZIIG Zihuatanejo, AC2P Acapulco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, RAC Raciborz, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, LANS Liptovska Anna, NIE Niedzica, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMV Marumori, JMM Okura, JOU Ohasama, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VANB Van, YANB Van, TVAN Van, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ZIIG Zihuatanejo, AC2P Acapulco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, RAC Raciborz, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, LANS Liptovska Anna, NIE Niedzica, etc.

CSEM 20 00:12:10.1-0.4,50.22N;19.24E,h2km,Error ellipse: s-maj=9.0km s-min=3.3km az=10.0

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

TAP 20 00:20:14.2,22.98N;120.61E,h16km,ML3.5,7C-10D,B, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGST, CHN1, TWMT, etc.

WTCT Ta-ch'eng 0.93 341 eP Pn 00 20 32.7 0.0

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

DDA 20 00:20:54.7,38.45N;43.26E,h7km,ML2.5

ISCJB 20 00:20:55.6-0.6,38.49N;0.04-43.28E;0.06,h5km,5km, Error ellipse: s-maj=9.7km s-min=4.6km az=32.8

CSEM 20 00:20:55.1-0.2,38.50N;43.27E,h5km,ML2.6, Error ellipse: s-maj=7.2km s-min=3.9km az=112.0

ISK 20 00:20:55.0,38.50N;43.32E,h6km,ML2.6

ISC 20 00:20:55.1-0.3,38.51N;0.03-43.27E;0.04,h5km,9km, n22,-0.65/36, Turkey

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

IDC 20 00:22:35.0-8.2,24.68S;179.77E,h558km,77km,mb3.0/3, mb1 3.2/4,mb1mx2.9/25,mbtmp4.1/4, Error ellipse: s-maj=65.8km s-min=50.1km az=77.0, South of Fiji Islands

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

CRAAG 20 00:27:21.4,36.30N;1.73E,ML2.9

ISCJB 20 00:27:22.3-0.7,36.44N;0.08-1.70E;0.07,h17km,16km, Error ellipse: s-maj=15.7km s-min=6.5km az=151.5

CSEM 20 00:27:22.0,36.41N;1.72E,h5km,mb3.2, Error ellipse: s-maj=6.1km s-min=5.3km az=104.0

MDD 20 00:27:22.7,0.6,36.40N;1.74E,h0km,mb3.2/9, Error ellipse: s-maj=7.1km s-min=5.8km az=112.0, PRXIMO

ISC 20 00:27:21.9-1.3,36.36N;0.05-1.81E;0.04,h18km,9km, n33,r123/51,Northern Algeria

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

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

ISK 20 00:38:16.0,38.86N;43.22E,h2km,ML2.8

ISCJB 20 00:38:17.9-0.4,38.88N;0.02-43.26E;0.04,h12km,4km, Error ellipse: s-maj=4.9km s-min=3.5km az=8.1

DDA 20 00:38:17.2,38.87N;43.32E,h7km,ML2.8

CSEM 20 00:38:17.4-0.2,38.88N;43.27E,h10km,ML2.8, Error ellipse: s-maj=5.4km s-min=4.0km az=86.0

ISC 20 00:38:17.6-0.9,38.86N;0.02-43.27E;0.02,h9km,7km, n32,-0.78/55, Turkey

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

ISCJB 20 00:41:53.6-0.3,17.68S;0.07-178.59W;0.06,h547km, mb4.5/45, Error ellipse: s-maj=10.1km s-min=6.1km az=147.4

IDC 20 00:41:55.12-1.1,17.73S;178.39W,h562km,24km, mb3.6/11, mb1 3.9/12, mb1mx3.6/28,mbtmp4.5/12, Error ellipse: s-maj=20.1km s-min=11.0km az=155.0

NEIC 20 00:42:02.1-0.5,17.80S;178.76W,h641km,6km,mb4.6/35,

Error ellipse: s-maj=10.0km s-min=5.0km az=152.0
ISC 20 00:41:54.6,0.5,17.61S,0.10,178.58W,0.08,h547km,
n72.1c163/73,mb4.6/4.5, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like AF1 Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: BRRRC, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BRRRC Barranca, Sant, RUSC La Rusia, PTBC PUERTO BERRIO, etc.

ISC 20 00:50:26.0,1.8,10.96S,165.43E,h0km,mb3.7/3,
mb1.0/4.0,mb1mx3.6/32,mbtm3.9/4,ML4.0/1,MS3.7/3,
ms1.3/7.3,ms1mx3.0/30, Error ellipse: s-maj=52.5km
s-min=32.5km az=127.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HNR Honiara, DZM Mont Dzumac, WRA Warrunganga Arr, etc.

CSEM 20 00:52:20.7,0.2,36.190N,28.93E,h2km,ML2.6, Error
ellipse: s-maj=3.7km s-min=4.4km az=80.0
DDA 20 00:52:20.1,36.88N,28.94E,h7km,ML2.6
ISK 20 00:52:20.1,36.89N,28.95E,h8km,ML2.7
ISCJB 20 00:52:21.0,0.7,36.88N,0.03,28.95E,0.05,h5km,gkm,
Error ellipse: s-maj=6.3km s-min=5.0km az=21.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like FETY Fethiye, TURN Turunc, GLHS Gihisar, etc.

KARP Karpathos 1.98 228 ePn Pb 00 52 55.5 -1.6
SHUT Suhut-Aiyon 2.08 37 ePn Pb 00 52 57.2 -1.7
SHUT Suhut-Aiyon 2.08 37 ePn Pb 00 52 57.2 -1.7

TEH 20 00:58:22.5,27.65N,54.04E,h10km,ML3.2
IDC 20 00:58:24.7,1.3,27.95N,54.00E,h0km,mb3.6/6,
mb1.3/7.7,mb1mx3.4/37,mbtm3.6/7,ML3.0/1, Error
ellipse: s-maj=33.4km s-min=24.0km az=35.0
ISCJB 20 00:58:28.0,0.5,27.87N,0.05,53.99E,0.08,h23km,
mb3.6/5, Error ellipse: s-maj=11.3km s-min=4.4km
az=151.5
CSEM 20 00:58:29.0,0.2,27.88N,54.18E,h2km,ML2.9, Error
ellipse: s-maj=9.1km s-min=5.4km az=34.0
DSN 20 00:58:34.4,1.4,27.72N,54.41E,h25km,5.4km,ML3.0/6,
Error ellipse: s-maj=44.1km s-min=12.5km az=155.0
OMAN 20 00:58:36.7,3.3,27.18N,54.07E,h10km, Error ellipse:
s-maj=4.2km s-min=3.8km az=331.0
ISC 20 00:58:28.6,0.7,27.91N,0.05,54.12E,0.05,h23km,n41,
az=23/42,mb3.6/5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ISRV Sarvestan, BNSD Bandar-Abbas, IPAR Pars, AHBH AHRAM, etc.

IDC 20 01:07:39.6,2.0,56.44S,27.74W,h0km,mb3.7/1,
mb1.3/7.1,mb1mx3.5/19,mbtm3.4/30, Error ellipse:
s-maj=105.2km s-min=72.8km az=170.0, South
Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like TORD Torodi Ar. Bea, ILAR Eielson Array, SONM Songoing Array, etc.

IDC 20 01:16:22.4,4.8,14.92S,175.70W,h0km,mb4.5/3,
mb1.4/7.3,mb1mx3.7/37,mbtm4.5/3, Error ellipse:
s-maj=172.5km s-min=78.7km az=141.0, Samoa Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like STKA Stephens Creek, WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 20 01:34:37.4,27.0,18.25S,177.62W,h520km,233km,
mb3.2/2,mb1.3/5.2,mb1mx2.9/32,mbtm4.2/23, Error
ellipse: s-maj=241.7km s-min=17.5km az=120.0, Fiji
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like WRA Warrunganga Arr, WRA Warrunganga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ISCJB 20 00:46:37.6,0.5,6.81N,0.03,73.07W,0.05,h165km,gkm,
mb3.6/8, Error ellipse: s-maj=7.8km s-min=4.8km az=17.8
IDC 20 00:46:38.3,2.0,6.79N,72.90W,h163km,1qkm,mb3.4/8,
mb1.3/6.9,mb1mx3.4/28,mbtm3.9/9, Error ellipse:
s-maj=28.2km s-min=16.5km az=71.0
RSNC 20 00:46:40.2,0.8,6.76N,73.09W,h149km,5km,ML4.0
ISC 20 00:46:38.4,0.7,6.80N,0.04,73.07W,0.06,h159km,5km,
n31.1c091/48,mb3.6/8,1C-3D,Northern Columbia

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ECSD, SBUW, GEYT, MAK, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BNI, Bardonecchia, SSB, etc.

CSEM 20 02:24:07.3, 68.786N, 29.75W, h10km, ML2.4, PDA 20 02:24:07.3, 68.3876N, 29.75W, h10km, MD3.5, Error ellipse: maj=17.2km s-min=7.7km az=-22.0, Azores Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PCED, Cedros, KESRA, etc.

MEX 20 03:01:23.8, 0.7, 15.00N-93.73W, h8km, 61km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like PCIG, Leoncito, CCIG, etc.

SJA 20 03:01:25.9, 0.3, 31.71S-69.67W, h113km, 2km, ML2.0, MW3.5, San Juan Province

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like RTL, Leoncito, AUPS, etc.

JMA 20 03:07:08.6, 0.1, 40.37N-142.27E, h39km, 1km, M3.5, Near east coast of northern Honshu

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like JTH, Tanohata, JANG, etc.

IDC 20 03:14:36.6, 1.1, 36.24N-128.48E, h0km, mb3.5/4, mb1 3.5/8, mb1mx3.3/50, mbtmb3.4/8, ML3.2/4, Error ellipse: s-maj=27.1km s-min=15.3km az=162.0

DDA 20 03:14:37.6, 36.07N-28.50E, h19km, M13.8, ISGJB 20 03:14:38.2, 0.7, 36.09N-28.47E, h5km, 4km, mb3.3/4, Error ellipse: s-maj=4.5km s-min=3.0km

ISK 20 03:14:38.1, 36.15N-28.45E, h8km, ML3.6, ATH 20 03:14:39.7, 36.20N-28.44E, h25km, 2km, ML2.9/5, Error ellipse: s-maj=3.4km s-min=1.5km az=359.0

THE 20 03:14:39.4, 36.22N-28.50E, h11km, 1km, ML2.9/6, Error ellipse: s-maj=1.9km s-min=0.7km az=164.0

CSEM 20 03:14:39.4, 0.2, 36.15N-28.50E, h11km, ML2.9, Error ellipse: s-maj=4.0km s-min=2.3km az=169.0

ISC 20 03:14:39.3, 1.1, 36.17N-28.47E, h0.02, h13km, 8km, n111, s1930/152, mb3.3/4, Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ARG, Arkhangelos, ARG, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NISR, Nisiro, BDRM, etc.

KARP comp=E,921um,0.3s, KARP comp=N,528um,0.3s

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KARP, Karpathos, GLHS, etc.

SMG Samos comp=N,290um,0.4s

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SMG, Samos, ZKR, etc.

NPS Neapolis comp=N,253um,0.5s

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NPS, Neapolis, APE, etc.

DEM Demirci 2.88 4 i P Pn 03 15 26.6 +0.7

SHUT Suhut-Afyon 2.90 34 ePN Pn 03 15 26.4 +1.1

CHOS Chios Island 2.94 320 ePN Pn 03 15 27.2 +1.5

SIMA Simav-Kutahya 2.94 8 ePN Pn 03 15 27.2 +1.4

GEDZ Gediz 2.97 14 ePN Pn 03 15 27.8 +1.7

IDI Idroiyia 3.04 254 Pn Pn 03 15 27.9 +0.7

IDA comp=N,2.3nm,0.3s,baz=70,slow=16,SNR=18

DOGA KONYA, Doganhisli 3.20 52 i Pn 03 15 30.8 +1.3

BOLV Bolvadin 3.22 37 i Pn 03 15 30.9 +1.2

BOLV Bolvadin 3.22 37 Pn Pn 03 15 30.9 +1.2

TVSB Tavsanli 3.37 13 ePN Pn 03 15 32.1 +1.5

TVSB Tavsanli 3.37 13 ePN Pn 03 15 32.1 +1.5

KONT Konya-Tatoy 3.58 59 ePN Pn 03 15 36.9 +2.4

KCTX Karacabey (Bur 4.09 359 ePN Pn 03 15 43.7 +2.1

BRTR Karacabey (Bur 5.41 47 Pn Pn 03 16 00.1 +0.3

BRTR comp=N,0.3nm,0.3s,baz=225,slow=14,SNR=17

MMAI Mount Meron Ar 6.52 117 Pn Pn 03 16 13.8 -1.3

JMA 20 03:19:23.6, 0.6, 32.87N-138.62E, h315km, 5km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TK02, Tokai 2, etc.

20d 4h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, JHU Hanno, JRY Ryogami san, etc.

IDC 20 03:21:39.3:0.4, 37.18N:72.20E, h68km, 35km, mb3.4/15, mb1 3.6/20, mb1mx3.5/60, mbtmp3.8/20, MLJ.7/4, MS3.4/1, Ms1 3.4/1, ms1mx2.5/40, Error ellipse: s-maj=25.3km s-min=17.2km az=174.0

ISCJB 20 03:21:39.3:0.4, 37.17N:0.03:72.54E:0.07, h142km, mb3.5/15, Error ellipse: s-maj=8.2km s-min=4.9km az=4.2

NNC 20 03:21:43.4:2.6, 37.92N:71.90E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=20.4km s-min=17.1km az=160.0

ISC 20 03:21:41.9:0.6, 37.32N:72.37E:0.08, h142km, n49, c2545/42, mb3.5/15, 10C-50, Tajikistan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, CEP Cherat, THW Thamey Wali, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, SARP Sargodha, EKSS Erkin-Say, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DHRM DHARAMSHALA, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like USP Oспенovka, GEYT Alibeck, GEYT Alibeck, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like AB31 Akbulak array, KOLN Koldanda, GKN Garmat, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, PKI Gulchok, GUN Gumbat, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, BRTR Keskin Array B, AKASO Malin Array Be, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, ARCES ARCESS Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GERES GERESS Array B, NB2 NORSAR Subarra, NB2 NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, TORD Torodi Ar. Bea, INK Inuvik, etc.

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

BER 20 03:41:31.5:0.4, 70.96N:6.92W, h2km, 161km, ML3.3, ISC 20 03:41:32.1:3.3, 71.3N:0.1:7.2W:0.2, h9km, n5, c1646/11, Jan Mayen Island region

2012 JAN

Table with columns: DAG, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Danmarks Havn, IDC 20 04:12:29.6:8.7, etc.

IDC 20 04:12:29.6:8.7, 19.41S:177.47W, h603km, 97km, mb3.5/4, mb1 3.6/6, mb1mx3.0/42, mbtmp4.5/6, Error ellipse: s-maj=75.0km s-min=26.4km az=33.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, URM Urewera, CTA Charters Tower, etc.

NIED 20 04:13:00, 30:80N:142:20E, h5km, Mw4.0 Best double couple: M1.28000:1015 NP1.8181, 00000:0.818, 00000:0.127, 00000:0. NP2.322, 00000:0.876, 00000:0.179, 00000:0. JMA 20 04:13:12.7:0.1, 30:84N:142:17E, h40km, M4.3, NEIC 20 04:13:16.7:0.3, 30:77N:142:10E, mb4.5/10, Error ellipse: s-maj=8.6km s-min=5.7km az=81.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, CBJ1 Chichi jima, CBJ2 Chichi jima, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JHU Ryogami san, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JRY Ashikaga, JAG Ashikaga, IMJAR Matsushiro Arr, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KRSR Korea Array, YULB Yulbi, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ULN Ulanbaatar, SONM Songoing Array, SEY Seycham, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, COEN Coen, KULM Kulim, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, etc.

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BRVK Borovoye Array, EIDS Eidsvoll, KKR Karatay Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like INK Inuvik, ARU Aral, ARU Aral, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ARU Aral, STKA Stephens Creek, ABKAR Akbulak array, etc.

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Table with columns: PDAR Pinedale Array, PDAR Pinedale Array, BRTR Keskin Array B, etc.

NNC 20 04:41:57.7:5.3, 53:36N:90:43E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=27.6km s-min=21.4km az=84.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like I46RU Zalesovo INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, JMA 20 04:51:45.1:0.1, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, OFUJ Ofunato, etc.

IDC 20 04:51:45.1:0.1, 38:52N:142:01E, h47km, 1km, M0.9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JMA 20 04:51:45.1:0.1, JMA 20 04:51:45.1:0.1, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ouri, OFUJ Ofunato, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JMK Ichinoseki, JMK Ichinoseki, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JYU Okura, JYU Okura, JOU Okura, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JFA Kawachi, JFA Kawachi, JOM Ohasama, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JYS Shirataka, JYS Shirataka, JRG Rokugo, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JYA Atsumi, MJAR Matsushiro Arr, H1N2 WAKE ISLAND Hy, etc.

Table with columns: SKR, comp=N, 1,um,0.6s, smax, smax, SKR, comp=E,547nm,0.3s, Severo-Kuril's, 1.28 258 eP, Pn, 04 52 47.5 +0.3, etc.

NEIC 20 04:58:49.5:0.16:05N:97.71W, h14km, MD4.0(MEX), After MEX.

MEX 20 04:58:49.5:0.16:05N:97.71W, h13km, MD4.0

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

ISCJB 20 05:11:14.9:0.3, 51.51N:0.02:16.16E:0.03, h0km, Error ellipse: s-maj=2.6km s-min=2.3km az=142.2

CSEM 20 05:11:16.9:0.1, 51.51N:16.12E, h2km, ML3.3/12, Error ellipse: s-maj=3.3km s-min=2.1km az=83.0

IDC 20 05:11:18.0:0.8, 51.56N:15.89E, h0km, mb1 3.4/6, mb1 mx3.1/49, mb1mp3.3/6, ML2.8/6, Error ellipse: s-maj=14.3km s-min=7.6km az=107.0

VIE 20 05:11:21.0:1.1, 3.51N:124N:16.04E, h0km, mb2.3/6, ML2.8/6, Error ellipses: s-maj=12.3km s-min=7.1km az=95.0, Suspected Mining Induced.

UPP 20 05:11:22.5:1.5, 85N:15.63E, h0km, ML2.2, Suspected Mining explosion.

ISC 20 05:11:16.0:0.7, 51.57N:0.03:16.10E:0.02, h0km, n71, a=136/123, 1D, Poland

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

Main table with columns: PRU, 25nm,0.3s, CLL, Colim, 1.96 264 ePn, Pn, 05 12 14.8 +0.1, etc.

Table with columns: WRA, 0.3nm,0.8s,baz=10,slow=5.1,SNR=4.7, ScP, ScP, 05 21 55.9 +3.1, etc.

NNC 20 05:24:37.5:2.6, 37.79N:71.89E, h182km, mb2.7, mpv3.8, Error ellipse: s-maj=25.7km s-min=20.8km az=58.0

ISC 20 05:24:36.5:3.3, 37.77N:72.71E:0.1, h113km, n12, a=1567/18, 6C-6D, Afghanistan-Tajikistan border region

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

IDC 20 05:26:24.5:3.0, 32.96S:71.09W, h0km, mb3.7/1, mb1 3.8/2, mb1mx3.5/26, mb1mp3.6/2, ML3.6/1, Error ellipse: s-maj=307.1km s-min=52.1km az=161.0

ISCJB 20 05:26:32.6:1.1, 31.30S:0.03:71.7W:0.1, h71km, n11km, mb3.4/1, Error ellipse: s-maj=14.8km s-min=5.5km az=5.3

GUC 20 05:26:32.5:1.0, 31.37S:71.18W, h21km, mb3.7/1, ML3.7, SJA 20 05:26:32.0:0.9, 31.35S:71.15W, h10km, ML3.1, MW4.3

ISC 20 05:26:32.9:1.7, 31.27S:0.04:71.7W:0.1, h49km, n16km, n19, a=158/25, 2C-2D, Near coast of central Chile

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

IDC 20 05:32:31.5:2.6, 54.12N:86.53E, h0km, mb1 3.1/2, mb1 mx2.8/50, mb1mp3.1/2, ML.8/2, Error ellipse: s-maj=20.8km s-min=12.1km az=60.0, Southwest Siberia

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PRDA Priddis, B08A Colville Reser, etc.

ISCJB 20 07:12:33.6:1.2, 33:27S:0:07:70:38W:0:08, h112km, 7km, Error ellipse: s-maj=14.2km s-min=7.7km az=135.5

SJA 20 07:12:33.2:0.4, 33:27S:70:30W, h116km, 5km, ML2.9, MW2.8

GUC 20 07:12:34.3:0.7, 33:16S:70:35W, h106km, 4km, ML2.6

ISC 20 07:12:35.9:2.7, 33:29S:0:08:70:27W:0:08, h98km, 1.8km, n15, e1940/27, 2C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FCH Farellones, ROCH El Roble, AAGR Agrelo, etc.

KRNET 20 07:22:52.1:0.1, 41:89N:79:58E, mb2.4, 4C-5D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ULHL Ulahol, NRN Naryn, TKM2 Tokmak 2, etc.

IDC 20 07:22:58.0:2.8, 54:46N:86:79E, h0km, mbl 3.0/2, mb1mx2.8/40, mbmtmp3.0/2, ML2.8/2, 4C-2D, Error ellipse: s-maj=22.2km s-min=15.7km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJB 20 07:28:22.1:2.1, 46:81S:165:52E, h0km, mbl 3.4/2, mb3.4/2, MS3.0/1, Error ellipse: s-maj=11.3km s-min=7.2km az=170.9

IDC 20 07:28:22.1:2.1, 46:81S:165:52E, h0km, mbl 3.4/2, mb3.4/2, MS3.0/1, Error ellipse: s-maj=11.3km s-min=7.2km az=170.9

mb1 3.7/3, mb1mx3.5/31, mbmtmp3.5/3, ML3.7/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/20, Error ellipse: s-maj=73.9km s-min=34.9km az=179.0

WEL 20 07:28:23.1:3.1, 36:82S:0:08:165:58E:0:08, h15km, m4, n1509/42, Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PYZ Puysegur Point, DCZ Deep Cove, WHZ Wether Hill, etc.

IDC 20 07:30:58.6:1.4, 29:21S:69:76W, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/30, mbmtmp3.4/3, ML3.3/1, Error ellipse: s-maj=67.8km s-min=40.3km az=3.0

ISCJB 20 07:31:11.6:0.6, 29:06S:0:05:69:69W:0:06, h118km, 7km, mb3.2/2, Error ellipse: s-maj=8.9km s-min=7.4km az=167.4

GUC 20 07:31:12.0:0.5, 29:05S:69:83W, h113km, 966km, ML3.3 SJA 20 07:31:12.1:0.8, 29:12S:69:53W, h137km, 9km, ML3.6, MW3.5

ISC 20 07:31:12.9:0.9, 29:07S:0:05:69:69W:0:05, h110km, 8km, n18, e0566/23, 3D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LCO Las Campanas, AGUA GUANDACOL, etc.

BUI 20 07:31:34.4:23:42S:179:68E, h552km, mb4.4/13, mB5.0/8 NEIC 20 07:31:36.2:0.7, 23:31S:179:04E, h529km, 9km, mb4.9/60, Error ellipse: s-maj=7.0km s-min=5.9km az=122.0

ISCJB 20 07:31:37.5:0.2, 23:38S:0:03:178:98E:0:04, h555km, mb4.6/67, Error ellipse: s-maj=5.0km s-min=3.3km az=4.4

IDC 20 07:31:38.2:0.7, 23:21S:178:99E, h555km, 7km, mb3.7/17, mb1 3.9/18, mb1mx3.7/40, mbmtmp4.6/18, Error ellipse: s-maj=13.3km s-min=10.9km az=163.0

WEL 20 07:31:41.3:1.1, 24:53S:178:0E:2:0, h592km, 13km SJA 20 07:31:37.8:0.3, 23:39S:0:05:179:08E:0:06, h555km, n203, e157/223, mb4.7/67, 8C-1D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RIZ Raoul Island, GLKZ Green Lake, NIUE Niue, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HAZ Te Kaha, WMGZ Waionatitini, RUGZ Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Yellowknife Arr, TULEG Thule, etc.

NIED 20 08:36:00.32:00N,131.60E,h29km,Mw4.0 Best double couple: M19.62000,-1.014 NP1.9,91.00000, 816.00000, ...

ICD 20 08:36:38.41.1,31.74N:131.29E,h0km,mb3.8/9, mb1 3.8/12,mb1mx3.7/55,mbtmp3.7/12,ML3.2/3,MS3.2/6, ...

ISCJB 20 08:36:43.2.0.4,31.97N:131.64E:0.04,h53km,3km, mb4.1/18,MS3.3/4,Error ellipse: s-maj=6.6km s-min=5.3km az=33.6

NEIC 20 08:36:44.9.0.8,31.94N:131.49E,h49km,3km,mb4.4/10, Error ellipse: s-maj=5.3km s-min=5.3km az=23.0

JMA 20 08:36:44.3.0.1,31.97N:131.60E,h37km,1km,M3.9 Broadband fault plane solution: P waves. NP1: ...

JMA Felt II J1, ISC 20 08:36:44.0.0.9,31.95N:131.60E:0.04,h40km,8km, n55,c121/54,mb4.0/18,MS3.4/4,1C-5D,Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tsuno, Takazaki, Kushima-Naru, etc.

ICD 20 08:56:18.2.2.8,53.37N:87.41E,h0km,mb1 2.6/1, mb1mx2.6/61,mbtmp2.6/1,ML2.2/1,Error ellipse: s-maj=27.2km s-min=15.6km az=67.0,Southeastern Siberia

ICD 20 08:59:53.1.2.5,5.74S:127.08E,h0km,mb3.4/1, mb1 3.6/3,mb1mx3.3/41,mbtmp3.4/3,ML3.6/2,Error ellipse: s-maj=320.2km s-min=30.1km az=65.0,Banda Sea

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

ISCJB 20 09:05:17.5.1.7,31.34S:0.04:71.7W:0.1,h15km,15km, Error ellipse: s-maj=15.4km s-min=6.2km az=4.9

GUC 20 09:05:18.2.0.4,31.32S:71.55W,h45km,5km,ML2.6 SJA 20 09:05:21.6.0.9,31.46S:71.19W,h10km,ML2.4,MW3.3

ISC 20 09:15:0.2.0,31.35S:0.04:71.55W:0.09,h9km,14km, n12,c094/18,2D,Near coast of Central Chile

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

NNC 20 08:39:16.6.4.2,53.43N:62.28E,h0km,mb3.3,mpv2.8, Error ellipse: s-maj=52.9km s-min=16.2km az=157.0, Suspected Mining explosion

CSEM 20 08:39:16.5.5,43.43N:62.28E,h0km,mb3.3,Suspected Mining explosion

ICD 20 08:39:34.4.0.8,52.71N:62.78E,h0km,mb1 3.1/5, mb1mx2.9/47,mbtmp3.1/5,ML2.4/5,Error ellipse: s-maj=12.9km s-min=8.3km az=178.0

ISC 20 08:39:23.3.0.9,52.73N:0.06:62.86E:0.04,h0km,n15, r15/15,5C-3D,Western Kazakhstan

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

ICD 20 08:56:18.2.2.8,53.37N:87.41E,h0km,mb1 2.6/1, mb1mx2.6/61,mbtmp2.6/1,ML2.2/1,Error ellipse: s-maj=27.2km s-min=15.6km az=67.0,Southeastern Siberia

ICD 20 08:59:53.1.2.5,5.74S:127.08E,h0km,mb3.4/1, mb1 3.6/3,mb1mx3.3/41,mbtmp3.4/3,ML3.6/2,Error ellipse: s-maj=320.2km s-min=30.1km az=65.0,Banda Sea

ICD 20 09:05:17.5.1.7,31.34S:0.04:71.7W:0.1,h15km,15km, Error ellipse: s-maj=15.4km s-min=6.2km az=4.9

GUC 20 09:05:18.2.0.4,31.32S:71.55W,h45km,5km,ML2.6 SJA 20 09:05:21.6.0.9,31.46S:71.19W,h10km,ML2.4,MW3.3

ISC 20 09:15:0.2.0,31.35S:0.04:71.55W:0.09,h9km,14km, n12,c094/18,2D,Near coast of Central Chile

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

SGS 20 09:12:49.9.14,77N:43.19E,h21km DHMR 20 09:12:54.2.2.1,15.28N:43.43E,h2km,15km,ML3.7

CSEM 20 09:12:54.2.2,15.28N:43.43E,h2km,ML3.7

ISC 20 09:12:52.6.2.3,15.40N:0.04:43.49E:0.09,h4km,16km, n9,r134/17,2C,Western Arabian Peninsula

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

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

ICD 20 09:21:48.5.3.2,55.89N:86.21E,h0km,mb1 3.0/3, mb1mx2.8/56,mbtmp3.0/3,ML2.9/3,Error ellipse: s-maj=32.6km s-min=19.3km az=59.0,Southwestern Siberia

ICD 20 09:25:33.8.2.3,9.65S:34.23E,h0km,mb3.4/2,mb1 4.0/6, mb1mx3.6/51,mbtmp4.0/6,ML4.2/4,MS3.0/2,Ms1 2.9/2, ms1mx2.6/27,Error ellipse: s-maj=59.8km s-min=19.9km az=107.0

ISC 20 09:25:31.9.1.4,9.75S:0.1:34.7E:0.3,h10km,n10, r129/12,Tanzania

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

ICD 20 09:25:47.8.1.6,46.71S:165.73E,h0km,mb3.6/2, mb1 4.0/4,mb1mx3.8/22,mbtmp3.9/4,ML4.0/2,MS3.3/4, Ms1 3.2/4,ms1mx3.0/21,Error ellipse: s-maj=57.2km s-min=28.9km az=170.0

ISCJB 20 09:25:48.1.9.4,6.78S:0.09:165.54E:0.08,h15km, mb3.6/2,MS3.2/2,Error ellipse: s-maj=12.6km s-min=7.8km az=172.9

WEL 20 09:25:50.4.4,47.52S:165.5E:1.1,h33km,ML4.7/6 NEIC 20 09:25:51.5.0.0,46.80S:165.77E,h8km,ML4.5(WEL), After WEL

ISC 20 09:25:50.3.1.0,46.76S:0.08:165.69E:0.07,h15km,n62, r122/57,Off west coast of South Island

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

20d 9h

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

HEL 20 09:29:20.3:0.5, 67.60N:34.24E, h0km, ML2.7, Explosion
ASCJB 20 09:29:21.7:0.8, 67.57N:0.03:33.6E:0.1, h0km, mb3.2/1,
Error ellipse: s-maj=2.7km s-min=4.9km az=170.6

CSEM 20 09:29:24.4:1.2, 67.70N:33.74E, h1km, ML3.0, Error
ellipse: s-maj=14.0km s-min=7.6km az=81.0, Mining
explosion.

KOLA 20 09:29:22.6, 67.63N:33.95E, h0km
NAO 20 09:29:23.4:1.1, 67.63N:33.86E, ML3.0
IDC 20 09:29:24.4:1.2, 67.70N:33.73E, h0km, mb3.1/1,
mb1 3.4/6, mb1mx3.1/54, mbtmp3.4/6, ML3.4/5, Error
ellipse: s-maj=14.8km s-min=9.3km az=76.0

ISC 20 09:29:22.3:1.2, 67.63N:0.04:33.90E:0.06, h0km, n54,
t1948/82, Baltic States-Belarus-Northeastern Russia

Main table for 20d 9h section, listing station codes, names, and seismic data for various stations like APA, APZ, VRF, etc.

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Table with columns: FIAO, Sn, S, Lg, Pn, P, etc. Includes stations like FIAO baz=35,slow=28, FIAO FINESSE Array S, etc.

WEL 20 09:31:27.7, 47.5S:34.16E:1.14, h33km, ML3.5/5,
ML3.6/7, Off west coast of South Island

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

IDC 20 09:34:33.0:2.2, 54.23N:86.08E, h0km, mb1 3.3/3,
mb1mx3.0/47, mbtmp3.3/3, ML3.0/3, Error ellipse:
s-maj=18.3km s-min=10.4km az=62.0, Southwestern
Siberia

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

GUC 20 09:41:17.4:0.6, 34.76S:72.38W, h21km, 4km, ML3.5,
1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G005 Hualaeo, CHPI Pichilemu, etc.

BJJ 20 09:57:35.1, 38.70N:43.50E, h6km, mb4.6/41, MB5.0/28,
Ms4.5/16, Ms7.4/315

IDC 20 09:57:36.3:0.6, 38.66N:43.42E, h0km, mb4.3/30,
mb1 4.4/38, mb1mx3.6/60, mbtmp4.3/38, ML3.5/9, MS3.8/31,
Ms1 3.8/31, ms1mx3.6/50, Error ellipse: s-maj=11.1km
s-min=8.0km az=159.0

NEIC 20 09:57:37.0:0.0, 38.70N:43.45E, h5km, mb4.7/31,
ML4.9(ISK), After ISK

THR 20 09:57:36.0:0.3, 38.82N:43.22E, h14km, 12km, ML3.9
ISN 20 09:57:37.4:1.8, 37.40N:43.22E, h0km, 3km, ML4.0

MOS 20 09:57:37.9:1.2, 38.66N:43.48E, h20km, mb4.7/38, Error
ellipse: s-maj=5.0km s-min=3.5km az=98.8

DDA 20 09:57:37.7, 38.70N:43.50E, h21km, 4km, ML4.5
ISK 20 09:57:38.0, 38.72N:43.51E, h6km, ML4.7

ISCJB 20 09:57:38.0:0.3, 38.70N:0.02:43.50E:0.01, h22km, 2km,
mb4.5/79, MS3.8/29, Error ellipse: s-maj=2.7km
s-min=1.8km az=164.3

CSEM 20 09:57:38.0:0.1, 38.69N:43.52E, h10km, mb4.7/32, MS3.5,
Error ellipse: s-maj=2.9km s-min=2.1km az=160.0

ISC 20 09:57:39.4:0.5, 38.73N:0.02:43.48E:0.02, h19km, 1km,
n520, t1996/541, mb4.6/85, MS3.9/29, 52C-49D, Turkey

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

Table with columns: ERCV, ERSIS-VAN, ERVC, etc. Includes stations like ERSIS-VAN, ERVC, ERVC, etc.

HAKT HAKKARI 1.18 171 i/P Pn 09 57 59.1 -2.0
HAKT HAKKARI 1.18 171 i/P Pn 09 57 59.1 -2.0

NOA NORASR Array B 11.78 247 Pn Pn 09 32 09.5 -2.0
NOA NORASR Array B 11.78 247 Pn Pn 09 32 09.5 -2.0

NRAO NORESS Array S 11.88 245 Pn Pn 09 32 10.3 -2.5
NRAO NORESS Array S 11.88 245 Pn Pn 09 32 10.3 -2.5

BVAR Borovoye Array 22.76 112 P P 09 34 28.0 +2.2
BVAR Borovoye Array 22.76 112 P P 09 34 28.0 +2.2

WEL 20 09:31:27.7, 47.5S:34.16E:1.14, h33km, ML3.5/5,
ML3.6/7, Off west coast of South Island

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

GNI Garni 1.73 34 e/P Pn 09 58 09.6 -1.0
GNI Garni 1.73 34 e/P Pn 09 58 09.6 -1.0

HOMI Horasan 1.73 318 i/P Pn 09 58 10.5 +0.9
HOMI Horasan 1.73 318 i/P Pn 09 58 10.5 +0.9

KARS Kars 1.92 351 e/Pn Pn 09 58 12.8 -1.1
KARS Kars 1.92 351 e/Pn Pn 09 58 12.8 -1.1

BTM Batman 1.93 245 i/P Pn 09 58 12.1 +0.9
BTM Batman 1.93 245 i/P Pn 09 58 12.1 +0.9

EAK Aykaya 1.96 311 i/P Pn 09 58 13.3 -1.2
EAK Aykaya 1.96 311 i/P Pn 09 58 13.3 -1.2

ORD Ordubad 1.98 83 P Pn 09 58 11.2 -0.7
ORD Ordubad 1.98 83 P Pn 09 58 11.2 -0.7

ERZ Erzurum 2.02 306 i/P Pn 09 58 13.5 +0.6
ERZ Erzurum 2.02 306 i/P Pn 09 58 13.5 +0.6

ECAT Cat-ERZURUM 2.14 295 i/P Pn 09 58 03.8 -1.0
ECAT Cat-ERZURUM 2.14 295 i/P Pn 09 58 03.8 -1.0

HANI Diyarbakir Han 2.43 264 i/P Pn 09 58 20.4 +2.2
HANI Diyarbakir Han 2.43 264 i/P Pn 09 58 20.4 +2.2

DDEM Demirkent 2.54 329 i/P Pn 09 58 20.5 +0.5
DDEM Demirkent 2.54 329 i/P Pn 09 58 20.5 +0.5

MARD Mardin 2.56 237 i/P Pn 09 58 20.5 +0.5
MARD Mardin 2.56 237 i/P Pn 09 58 20.5 +0.5

MARD Mardin 2.56 237 e/Pn Pn 09 58 20.4 +0.5
MARD Mardin 2.56 237 e/Pn Pn 09 58 20.4 +0.5

DAGI Agililar 2.64 333 i/P Pn 09 58 26.6 +0.5
DAGI Agililar 2.64 333 i/P Pn 09 58 26.6 +0.5

KOPT Kop Dagli 2.65 300 i/P Pn 09 58 26.4 +0.1
KOPT Kop Dagli 2.65 300 i/P Pn 09 58 26.4 +0.1

KOPT Kop Dagli 2.65 300 e/Pn Pn 09 58 22.7 +1.4
KOPT Kop Dagli 2.65 300 e/Pn Pn 09 58 22.7 +1.4

KOPT Kop Dagli 2.65 300 P Pn 09 58 26.5 +0.1
KOPT Kop Dagli 2.65 300 P Pn 09 58 26.5 +0.1

GDB GEDABAY 2.65 41 i/P Pn 09 58 54.9 +1.9
GDB GEDABAY 2.65 41 i/P Pn 09 58 54.9 +1.9

AKH Akhalkalaki 2.68 0 e/Pn Pn 09 58 23.2 +1.5
AKH Akhalkalaki 2.68 0 e/Pn Pn 09 58 23.2 +1.5

AKH Akhalkalaki 2.68 0 P Pn 09 58 23.0 +1.4
AKH Akhalkalaki 2.68 0 P Pn 09 58 23.0 +1.4

AKH Akhalkalaki 2.68 0 e/P Pn 09 58 23.0 +1.4
AKH Akhalkalaki 2.68 0 e/P Pn 09 58 23.0 +1.4

DIY Diyarbakir 2.69 253 e/P Pn 09 58 24.4 -2.5
DIY Diyarbakir 2.69 253 e/P Pn 09 58 24.4 -2.5

MAZI Mazidag 2.71 243 e/Pn Pn 09 58 23.8 +1.8
MAZI Mazidag 2.71 243 e/Pn Pn 09 58 23.8 +1.8

ARTV Artvin 2.73 335 i/P Pn 09 58 25.5 +1.2
ARTV Artvin 2.73 335 i/P Pn 09 58 25.5 +1.2

ARTV Artvin 2.73 335 e/Pn Pn 09 58 24.4 -4.5
ARTV Artvin 2.73 335 e/Pn Pn 09 58 24.4 -4.5

ARTV Artvin 2.73 335 P Pn 09 58 25.5 +1.2
ARTV Artvin 2.73 335 P Pn 09 58 25.5 +1.2

DIY Diyarbakir 2.74 255 e/Pn Pn 09 58 20.4 -4.5
DIY Diyarbakir 2.74 255 e/Pn Pn 09 58 20.4 -4.5

QZX Qazax, Azerbai 2.75 31 i/P Pn 09 58 22.4 0.0
QZX Qazax, Azerbai 2.75 31 i/P Pn 09 58 22.4 0.0

QZX Qazax, Azerbai 2.75 31 i/P Pn 09 58 22.4 0.0
QZX Qazax, Azerbai 2.75 31 i/P Pn 09 58 22.4 0.0

KZR Kazreti 2.75 15 P Pn 09 58 29.1 +1.2
KZR Kazreti 2.75 15 P Pn 09 58 29.1 +1.2

DIY Diyarbakir 2.76 254 i/P Pn 09 58 23.9 +1.3
DIY Diyarbakir 2.76 254 i/P Pn 09 58 23.9 +1.3

DIA Diyarbakir 2.83 342 P Pn 09 58 24.8 +1.8
DIA Diyarbakir 2.83 342 P Pn 09 58 24.8 +1.8

EPOS Posof 2.83 349 P Pn 09 58 24.5 0.0
EPOS Posof 2.83 349 P Pn 09 58 24.5 0.0

GANJ Ganja 2.91 48 P Pn 09 58 24.7 0.0
GANJ Ganja 2.91 48 P Pn 09 58 24.7 0.0

GANJ Ganja 2.91 48 i/P Pn 09 58 24.8 0.0
GANJ Ganja 2.91 48 i/P Pn 09 58 24.8 0.0

EUZU Uzumlu 3.10 290 i/P Pn 09 58 33.8 -0.1
EUZU Uzumlu 3.10 290 i/P Pn 09 58 33.8 -0.1

BTNK Botanikuri 3.12 18 P Sg 09 58 29.2 +1.6
BTNK Botanikuri 3.12 18 P Sg 09 58 29.2 +1.6

BTNK Botanikuri 3.12 18 S Sg 09 58 19.3 -0.4
BTNK Botanikuri 3.12 18 S Sg 09 58 19.3 -0.4

TBLG Delisi 3.15 17 e/Pn Pn 09 58 30.2 +2.2
TBLG Delisi 3.15 17 e/Pn Pn 09 58 30.2 +2.2

TBLG Delisi 3.15 17 P Pn 09 58 29.8 +1.8
TBLG Delisi 3.15 17 P Pn 09 58 29.8 +1.8

TBLG Delisi 3.15 17 P Pn 09 58 29.5 +1.8
TBLG Delisi 3.15 17 P Pn 09 58 29.5 +1.8

TBLG Delisi 3.15 17 e/Pn Pn 09 58 30.2 +2.2
TBLG Delisi 3.15 17 e/Pn Pn 09 58 30.2 +2.2

SEAG Tbilisi Sea 3.20 18 P Pn 09 58 31.1 +2.4
SEAG Tbilisi Sea 3.20 18 P Pn 09 58 31.1 +2.4

BRDA Brd 3.25 61 i/P Pn 09 58 08.5 +1.1
BRDA Brd 3.25 61 i/P Pn 09 58 08.5 +1.1

MNGR Mingchevir, A 3.45 53 i/P Pn 09 58 31.8 -0.2
MNGR Mingchevir, A 3.45 53 i/P Pn 09 58 31.8 -0.2

MNGR Mingchevir, A 3.45 53 i/P Pn 09 58 31.8 +1.5
MNGR Mingchevir, A 3.45 53 i/P Pn 09 58 31.8 +1.5

GRMI Germi 3.45 87 e/Pn Pn 09 58 28.4 -1.9
GRMI Germi 3.45 87 e/Pn Pn 09 58 28.4 -1.9

DUS Dusheti 3.49 15 P Pn 09 58 35.5 +2.8
DUS Dusheti 3.49 15 P Pn 09 58 35.5 +2.8

MALT	Malatyia	3.98 266	ePn	Pn	09 58 42.3 +2.8
MALT	Malatyia	3.98 266	ePn	Pn	09 58 42.3 +2.8
KDMR	Kurdemir	3.99 64	iS	Sn	09 59 27.0 +1.3
SAAT	Saatly	4.00 72	iS	Sn	09 59 26.8 +0.9
QBL	Gabala	4.02 55	iS	Sn	09 59 27.8 +1.3
ZEI	Tsey	4.07 4	ePm	Pn	09 58 42.1 +1.3
	comp=Z,70nm,0.7s		pmx	pmx	
LKRN	Lenkeran, Azer	4.14 89	P	Pn	09 58 40.9 -0.7
LKRN	Lenkeran, Azer	4.14 89	iP	Pn	09 58 40.9 -0.7
LKRN	Lenkeran, Azer	4.14 89	iP	Pn	09 58 40.9 -0.7
ASTR	Astara	4.16 91	iP	Pn	09 58 41.1 +0.7
ASTR	Astara	4.16 91	iP	Pn	09 58 41.1 +0.7
IML	Ismayilli	4.17 59	iS	Sn	09 59 31.1 +0.9
ESPY	Espiyev-Giresun	4.26 302	ePn	Pn	09 58 46.1 +2.9
ESPY	Espiyev-Giresun	4.26 302	ePn	Pn	09 58 46.1 +2.9
HEKM	Helikim	4.32 274	P	Pg	09 59 00.9 +1.1
XNO	Xinaliq	4.43 54	iP	Pn	09 58 44.1 -0.3
XNO	Xinaliq	4.43 54	iP	Pn	09 58 44.1 -0.3
QQL	Pirkuli	4.45 61	iS	Sn	09 59 35.7 +1.2
ALIB	&Aum;li-Bayra	4.46 72	iS	Sn	09 59 37.8 +0.6
KSRV	Kasrt alli	4.57 233	eP	Pb	09 58 54.0 -5.0
GBS	Gobustan	4.59 65	iS	Sn	09 59 41.7 +1.2
QASR	Qusar	4.60 51	iP	Pn	09 58 47.7 -0.3
QASR	Qusar	4.60 51	iP	Pn	09 58 47.7 -0.3
ZNJK	Zanjan	4.61 115	ePn	Pn	09 58 50.6 +2.4
ZNJK	Zanjan	4.61 115	ePn	Pn	09 58 50.6 +2.4
	comp=E,32nm,0.7s		AML	AML	10 00 26.6
QUBA	Quba, Azerbajij	4.66 54	iP	Pn	09 58 48.5 -0.2
QUBA	Quba, Azerbajij	4.66 54	iP	Pn	09 58 48.5 -0.2
ATGJ	Altigangaj	4.71 61	iP	Pn	09 59 44.9 +1.2
CUKAN	kangal_SIVAS	4.72 279	iP	Pb	09 59 02.4 +0.8
NCK	Nalchik	4.73 59	iP	Pn	09 59 50.9 +1.1
NCK	Nalchik	4.73 59	iP	Pn	09 59 50.9 +1.1
SIZA	Sizich	4.78 59	iP	Pn	09 58 50.0 -0.2
SIZA	Sizich	4.78 59	iP	Pn	09 58 50.0 -0.2
GROC	Groznyy	4.80 21	eP	Sn	09 59 46.7 +1.3
GROC	Groznyy	4.80 21	eP	Sb	09 58 54.9 +4.3
GROC	Groznyy	4.80 21	eS	Sb	09 59 55.5 -4.8
	comp=Z,308nm,1.6s		pmx	pmx	
GROC	comp=N,960nm,1.7s		smx	smx	
GROC	comp=N,420nm,3.5s		smx	smx	
GROC	Groznyy	4.80 21	eP	Pn	09 58 54.9 +4.3
	comp=N,308nm,1.6s		pmx	pmx	
KBZ	Khabaz	5.02 355	Pn	Pn	09 58 57.0 +3.5
	comp=N,0.2nm,0.3s,baz=173,slow=8,SNR=15				
RSDY	Resadiyev-TOKAT	5.04 291	ePn	Pn	09 58 57.5 +3.6
GOBA	Gobu	5.11 69	iS	Sn	09 59 54.3 +0.9
MAK	Makhachkala	5.22 35	eP	Sn	09 58 52.4 -3.9
MAK	Makhachkala	5.22 35	eS	Sn	09 59 52.0 -3.9
	comp=Z,174nm,1.3s		pmx	pmx	
MAK	Makhachkala	5.22 35	eP	Pn	09 58 52.4 -3.9
	comp=Z,3um,12.0s				
KVAR	Kislovodsk Arr	5.26 354	Pn	Pn	09 59 00.4 +3.4
KIV	Kislovodsk	5.26 354	eP	Pn	09 58 56.0 -1.0
KIV	Kislovodsk	5.26 354	eP	Pn	09 58 56.0 -1.0
KIV	Kislovodsk	5.26 354	ePn	Pn	09 58 58.0 +1.0
KIV	Kislovodsk	5.26 354	eS	Pn	09 59 52.2 -4.9
KIV	Kislovodsk	5.26 354	eP	Pg	09 59 23.8 +3.7
CUALT	Altinyayla-SIV	5.26 278	iP	Pg	09 59 17.4 -2.8
NDR	Nardaran	5.35 68	iS	Sn	10 00 06.6 +1.3
HCB	Kahramanmara	5.37 257	iP	Pb	09 59 15.7 +3.1
KAMA	Osmaniye	5.60 256	P	Pg	09 59 21.8 -4.8
SOC	Sochi	5.62 331	eP	Sn	09 58 58.1 -3.8
SOC	Sochi	5.62 331	eS	Sn	10 00 13.5 +7.6
	comp=Z,610nm,10.0s		MLR	MLR	
CUSAR	Sarkisla-SIVAS	5.67 279	iP	Pb	09 59 10.1 +7.4
ANDM	Andrin	5.74 261	iP	Pb	09 59 21.4 +2.5
ROOS	il_alroos	6.75 230	iP	Sg	10 01 14.8 -1.2
ROOS	il_alroos	6.75 230	iP	Sg	10 01 14.8 -1.2
	comp=N,220nm,0.7s		AML	AML	10 01 42.3
MARH	Ras Al Marh	7.34 232	iP	Pn	09 59 27.9 +2.1
MARH	Ras Al Marh	7.34 232	eS	Pn	10 01 30.1 -4.7
MARH	Ras Al Marh	7.34 232	eS	Pn	10 01 47.5
	comp=E,74nm,0.6s		AML	AML	10 01 53.6
ANN	Anapa	7.56 325	eP	Pn	09 59 31.5 +3.0
BR101	Keskin Array S	7.70 281	ePn	Pn	09 59 31.1 +0.5
BR101	Keskin Array S	7.70 281	ePn	Pn	09 59 31.1 +0.5
BR131	Keskin Array S	7.70 281	ePn	Pn	09 59 30.6 -0.1
BR131	Keskin Array S	7.70 281	ePn	Pn	10 00 51.1 -6.2
BR131	Keskin Array S	7.70 281	ePn	Pn	09 59 30.6 -0.1
BR131	Keskin Array S	7.70 281	eS	Pn	10 00 51.2 -6.2
BRTR	Keskin Array B	7.70 281	Pn	Pn	09 59 31.1 +0.4
TOTH	TOTAH	7.83 229	eS	Pn	09 59 34.0 +1.8
TOTH	TOTAH	7.83 229	eS	Sb	10 01 38.7 +1.1
	comp=E,43nm,0.7s		AML	AML	10 01 57.4
ILGA	Ilgaz	7.86 290	ePn	Pn	09 59 33.1 +0.3
ILGA	Ilgaz	7.86 290	ePn	Pn	10 03 34.7 -7.7
ILGA	Ilgaz	7.86 290	ePn	Pn	09 59 33.1 +0.3
ILGA	Ilgaz	7.86 290	eS	Pn	10 00 53.6 -7.7
BRBR	Barbar	8.08 231	eP	Pn	09 59 36.4 +0.6
SALA	Sala	8.13 224	eP	Pn	09 59 32.3 -4.2
SALA	Sala	8.13 224	eS	Sb	10 01 37.9 +1.8
SALA	Sala	8.13 224	eS	AML	10 02 22.6
	comp=E,3.9nm,0.7s		AML	AML	10 02 25.8
SALA	Sala	8.13 224	eS	AML	10 02 25.8
ASF	Jabal al Asfar	8.46 221	Pn	Pn	09 59 41.2 +0.2
	comp=N,0.1nm,0.3s,baz=77,slow=3,SNR=7.7		Lg	Lg	10 01 58.8
ASF	Jabal al Asfar	8.46 221	Pn	Pn	09 59 41.2 +0.2
	comp=N,0.5nm,0.3s,baz=319,slow=2,SNR=2.5		LR	LR	10 03 32.2
MMAI	Mount Meron Ar	8.68 231	Pn	Pn	09 59 45.4 +1.4
	comp=N,3.1nm,0.3s,baz=70,slow=15,SNR=7.8		Lg	Lg	10 02 18.6
MMAI	Mount Meron Ar	8.68 231	Pn	Pn	09 59 45.4 +1.4
	comp=N,0.4nm,0.3s,baz=65,slow=10,SNR=3.4		Lg	Lg	10 02 18.6
CSS	Mathiatis	8.96 248	ePn	Pn	09 59 41.8 -6.0
CSS	Mathiatis	8.96 248	ePn	Pn	09 59 41.8 -6.0
ISP	Isparta	10.23 269	eP	Pn	10 00 04.4 -0.8
EIL	Eilat	11.46 221	Lg	Lg	10 03 50.9
	comp=N,0.3nm,0.3s,baz=21,slow=11,SNR=3.7		LR	LR	10 05 18.7
EYL	Eilat	11.46 221	Lg	Lg	10 05 18.7
GEIT	Alibeck	11.53 89	Pn	Pn	10 00 24.2 +1.2
	comp=N,0.5nm,0.3s,baz=282,slow=15,SNR=7.9		LR	LR	10 05 21.2
GEYT	Alibeck	11.53 89	Pn	Pn	10 00 24.2 +1.2
VRH	Novokhoporsky	12.54 355	eP	Pn	10 00 37.4 +0.8
VRH	Novokhoporsky	12.54 355	eP	Pn	10 00 37.4 +0.8
	comp=Z,4.0nm,0.4s		pmx	pmx	
VSR	Storozhevo	12.85 348	eP	Pn	10 00 42.0 +1.1
VSR	Storozhevo	12.85 348	eP	Pn	10 00 42.0 +1.1
TLB	Topalu	12.94 302	iP	P	10 00 53.8 +1.2
TLB	Topalu	12.94 302	iP	P	10 00 53.8 +1.2
LPSR	Galich ya Gora	14.23 349	eP	Pn	10 01 00.2 +0.5
LPSR	Galich ya Gora	14.23 349	eP	Pn	10 01 00.2 +0.5
	comp=Z,50nm,1.0s		pmx	pmx	
VRI	Vrincioia	14.29 305	iP	P	10 01 09.8 +2.1
VRI	Vrincioia	14.29 305	iP	P	10 01 09.8 +2.1
TESR	Tescani	14.61 308	iP	P	10 01 13.5 +2.3
MLR	Muntele Rosu	14.65 303	Pn	Pn	10 01 06.5 +0.8
MLR	Muntele Rosu	14.65 303	Pn	Pn	10 01 06.5 +0.8
MLR	Muntele Rosu	14.65 303	iP	P	10 01 14.8 +3.0
MLR	Muntele Rosu	14.65 303	iP	P	10 01 14.8 +3.0
DOPR	Docpa	15.22 302	iP	P	10 01 20.4 +2.3
VOIR	Voiron	15.22 302	iP	P	10 01 20.4 +2.3
VOIR	Voiron	15.22 302	iP	LR	10 01 07.8
IDI	Anoyia	15.24 263	LR	LR	10 01 07.8
	comp=Z,202nm,19.1s,baz=97,slow=38				
RAYN	Ar Rayn	15.26 173	ePn	Pn	10 01 09.7 -4.1
	comp=Z,41nm,1.0s				

RAYN	Ar Rayn	15.26 173	ePn	Pn	10 01 09.7 -4.1
	comp=Z,41nm,1.0s				
ARR	Arges	15.48 301	iP	P	10 01 24.0 +3.1
AKTO	Aktubinsk	15.60 37	Pn	Pn	10 01 16.9 -1.1
	comp=Z,0.2nm,0.3s,baz=220,slow=5,SNR=15		LR	LR	10 09 03.2
AKTO	Aktubinsk	15.60 37	iP	Pn	10 01 16.9 -1.1
	comp=Z,424nm,19.5s,baz=223,slow=44		pmx	pmx	
AKTO	Aktubinsk	15.60 37	iP	Pn	10 01 15.6 -2.4
	comp=Z,44nm,1.4s		pmx	pmx	
AKASG	Main Array Bay	15.65 325	Pn	Pn	10 01 17.9 -0.8
	comp=Z,0.6nm,0.3s,baz=135,slow=11,SNR=7.5		LR	LR	10 09 33.8
AKASG	Main Array Bay	15.65 325	iP	Pn	10 01 17.2 -1.5
	comp=Z,187nm,18.2s,baz=135,slow=46		pmx	pmx	
AKASG	Main Array Bay	15.65 325	iP	Pn	10 01 17.2 -1.5
	comp=Z,10.0nm,0.8s		pmx	pmx	
AKBB	Main Array Si	15.65 325	eP	Pn	10 01 19.6 +0.9
AKBB	Main Array Si	15.65 325	eP	Pn	10 01 19.6 +0.9
AKBB	Main Array Si	15.65 325	ePn	Pn	10 01 19.6 +0.9
AKBB	Main Array Si	15.65 325	ePn	Pn	10 01 19.6 +0.9
AKBB	Main Array Si	15.65 325	ePn	Pn	10 01 19.6 +0.9
KIEV	Kiev	15.65 324	eP	Pn	10 01 18.9 +0.2
KIEV	Kiev	15.65 324	ePn	Pn	10 01 19.9 +1.2
KIEV	Kiev	15.65 324	ePn	Pn	10 01 19.9 +1.2
KIEV	Kiev	15.65 324	ePn	Pn	10 01 19.9 +1.2
AK11	Main Array Si	15.66 324	ePn	Pn	10 01 19.1 +0.3
AK11	Main Array Si	15.66 324	ePn	Pn	10 01 19.1 +0.3
AB31	Akbulak array	15.81 43	ePn	Pn	10 01 19.1 -1.7
	comp=Z,6.0nm,0.7s		pmx	pmx	
ABKAR	Akbulak array	15.81 43	ePn	Pn	10 01 21.5 +0.7
	comp=Z,74nm,0.8s				
ABKAR	Akbulak array	15.81 43	eS	Pn	10 04 09.4 -6.0
ABKAR	Akbulak array	15.81 43	ePn	Pn	10 01 21.5 +0.7
ABKAR	Akbulak array	15.81 43	eS	Pn	10 04 09.4 -6.0
VTS	Vitoshka	15.86 291	iP	P	10 01 24.5 -0.7
VTS	Vitoshka	15.86 291	iP	P	10 01 24.5 -0.7
VTS	Vitoshka	15.86 291	iP	P	10 01 24.5 -0.7
VTS	Vitoshka	15.86 291	ePn	Pn	10 01 24.6 -0.7
BURAR	Bucovina Array	15.98 310	iP	P	10 01 29.5 +2.9
BUR04	Bucovina Ar. S	15.98 310	iP	Pn	10 01 23.2 +0.1
BUR08	Bucovina Ar. S	16.00 310	ePn	Pn	10 01 24.2 +0.8
BUR08	Bucovina Ar. S	16.00 310	eS	Pn	10 04 14.8 -5.6
BUR08	Bucovina Ar. S	16.00 310	eS	Pn	10 04 14.8 -5.6
HORU	Horodok	16.11 316	P	Pn	10 01 27.7 +0.1
KSV	Kosov	16.40 312	P	Pn	10 01 27.9 -0.5
BANOM	Banah	16.72 136	Pn	Pn	10 01 39.7 +4.9
BANOM	Banah	16.72 136	P	P	10 01 39.7 +4.9
BANOM	Banah	16.72 136	P	Pn	10 01 39.7 +4.9
OBN	Obninsk	17.04 346	P	Pn	10 01 35.4 -1.1
OBN	Obninsk	17.04 346	P	Pn	10 01 35.3 -1.1
	comp=Z,3.1nm,0.3s,baz=210,slow=13,SNR=6.4		pmx	pmx	
OBN	Obninsk	17.04 346	ePn	Pn	10 01 35.3 -1.1
	comp=Z,40nm,1.1s		MLR	MLR	
OBN	Obninsk	17.04 346	ePn	Pn	10 01 35.6 -0.7
	comp=Z,500nm,14.0s				
MDVR	Moldovita	17.31 297	iP	P	10 01 43.0 +1.8
UOSS	Minazif	17.46 138	eP	P	10 01 43.1 +0.2
UOSS	Minazif	17.46 138	eP	P	10 01 43.1 +0.2
UOSS	Minazif	17.46 138	eP	P	10 01 43.1 +0.2
MOS	Moscow	17.47 349	eP	Pn	10 0

20d 10h

Table with columns: BRG, comp, Z, f, m, p, max, pmax. Lists various astronomical observations with their respective parameters and dates.

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Table with columns: Station, Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists astronomical observations from various stations like ES19, PKIN, KUN, etc.

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Table with columns: Station, Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists astronomical observations from stations like BOSA, MJAR, SBUM, etc.

ISCJB 20 10:03:51.4, 0.7, 32.09N, 0.02, 115.17W, 0.04, h9km, 5km, Error ellipse: s-maj=6.0km s-min=3.9km az=167.5

MEX 20 10:03:52.0, 0.4, 32.25N, 114.94W, h37km, 4km, MD3.6, NEIC 20 10:03:53.0, 0.0, 32.12N, 115.16W, h10km, MD2.6(PAS), ML2.9(ECX), ML2.9(ECX), After ECX.

ECX 20 10:03:53.0, 0.4, 32.12N, 115.15W, h10km, MD2.7, ML2.9, Fault plane solution: N P1=30.00000, 89.00000, lambda.00000.

ISC 20 10:03:49.9, 1.4, 32.14N, 0.03, 115.15W, 0.03, h9km, 11km, n28, c1905/42, 8C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists astronomical observations from stations like MBIG, CPBX, etc.

ISK 20 10:04:41.1, 37.30N, 31.91E, h5km, MD3.0, ML3.0, DDA 20 10:04:41.8, 37.39N, 31.63E, h7km, MD2.7

ISCJB 20 10:04:33.0, 0.7, 37.29N, 0.04, 31.87E, 0.06, h15km, Error ellipse: s-maj=7.7km s-min=4.6km az=40.7

CSEM 20 10:04:43.0, 0.2, 37.28N, 31.93E, h2km, MD3.0, Error ellipse: s-maj=6.9km s-min=4.7km az=132.0

ISC 20 10:04:43.2, 0.9, 37.32N, 0.04, 31.91E, 0.04, h15km, n14, c1950/21, Turkey

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists astronomical observations from stations like KEPZ, KONT, etc.

IDC 20 10:07:42.1, 1.3, 35.55N, 70.52E, h0km, mb3.5/5, mb1 3.7/m, mb1mx3.4/5, mb1tmp3.6/9, ML3.4/4, Error ellipse: s-maj=27.4km s-min=24.1km az=157.0

NINC 20 10:08:00.8, 0.3, 36.55N, 70.65E, h243km, 44km, mb2.8, mp3.8, Error ellipse: s-maj=43.8km s-min=29.9km az=78.0

ISCJB 20 10:08:02.0, 1.0, 36.63N, 0.07, 70.47E, 0.09, h200km, mb3.0/4, Error ellipse: s-maj=11.5km s-min=9.2km az=41.9

ISC 20 10:08:03.3, 1.2, 36.65N, 0.09, 70.42E, 0.07, h200km, n22, az=41.9

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, BBOO Bucklebeoo, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DIKM Dikmen, BOYT Boyabat, SNOP Sinop, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, etc.

ISCJJB 20 12:08:53.9-0.4, 43:62S:0:03:172:52E:0:05, h23km, 3km, mb3.0/2, Error ellipse: s-maj=6.7km s-min=4.0km az=42.0

ISC 20 12:20:26.1-0.1, 41:52N:0:03:35:12E:0:03, h6km101km, n22, c053/34, Turkey

TAP 20 12:26:52.8, 24:52N:122:00E, h8km, ML2.9, 3D, C, Taiwan

ISC 20 12:08:53.5-0.4, 43:62S:0:03:172:52E:0:05, h23km, 3km, mb3.0/2, Error ellipse: s-maj=6.7km s-min=4.0km az=42.0

ISC 20 12:21:08.0-0.8, 3:16S:130:78E, h0km, mb4.1/11, mb1.4/2.14, mb1mx4.1/37, mbtmp4.1/14, ML4.0/3, MS2.9/1, Ms1.2/9.1, ms1mx2.6/35, Error ellipse: s-maj=37.9km s-min=15.0km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TWC Suao, ENAH Nanao, NANS Nanao, etc.

ISC 20 12:08:53.5-0.4, 43:62S:0:03:172:52E:0:05, h23km, 3km, mb3.0/2, Error ellipse: s-maj=6.7km s-min=4.0km az=42.0

ISC 20 12:21:08.0-0.8, 3:16S:130:78E, h0km, mb4.1/11, mb1.4/2.14, mb1mx4.1/37, mbtmp4.1/14, ML4.0/3, MS2.9/1, Ms1.2/9.1, ms1mx2.6/35, Error ellipse: s-maj=37.9km s-min=15.0km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CR LZ Canterbury Las, MOZ McQueen's Vall, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, FAKI Fak Fak, MSAL Masohi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NTC Toucheng, ENTT Entoude, NACB Ninganchiao, etc.

TYC Yuchr 1.21 240 eP Pn 12 27 16.5 +0.5
ELDTW Lidau 1.60 214 eP Pb 12 27 22.6 -0.1

ISCJB 20 12:45:07.3-0.9, 18.225s, 0.06, 69.6W, 0.1, h135km, 7km, mb3.1/2, Error ellipse: s-maj=18.5km s-min=8.1km az=20.4

GUC 20 12:45:08.0-1.5, 18.335s, 69.57W, h135km, 11km, ML3.3
IDC 20 12:45:11.7-7.0, 18.065s, 68.93W, h164km, 43km, mb3.1/2, mb1 3.3/2, mb1mx2.9/25, mbtmp3.5/2, Error ellipse: s-maj=90.7km s-min=57.1km az=21.0

ISC 20 12:45:07.2-1.0, 18.225s, 0.06, 69.5W, 0.1, h136km, 8km, n9, 0.659/16, 3C-2D, Northern Chile

Code Station Name Az AZZ Phase ID Time Res
PB16 IPOC Station P 0.11 171 fP Pn 12 45 26.5 +0.2
PB16 IPOC Station P 0.85 243 fP Pn 12 45 29.5 +0.0

comp=E, 1.1nm, 0.3s, baz=283, slow=19, SNR=3.3

TORD Torodi Ar. Bea 76.83 71 P P 12 56 42.8 -1.9

YKA Yellowknife Ar 87.92 341 P P 12 57 42.5 +1.4

comp=E, 0.3nm, 0.5s, baz=256, slow=5.2, SNR=4.0

ISC 20 12:47:27.3-1.6, 53.85N, 0.06, 164.00W, 0.04, h16km, 10km, n35, 0.081/36, mb3.7/6, Unimak Island region

Code Station Name Az AZZ Phase ID Time Res
WESP Westdahl Peak 0.77 327 P Pn 12 47 44.3 +0.7
WESP Westdahl Peak 0.80 330 P Pn 12 47 55.3 +0.4

ISCJB 20 13:03:38.0-0.4, 3.54S, 0.03, 123.24E, 0.03, h33km, mb3.8/8, MS2.7/1, Error ellipse: s-maj=4.6km s-min=4.5km az=8.6

DJA 20 13:03:35.7-0.9, 4.2S, 12.3E, h34km, 15km, M4, 2/13, mb4.4/6, mb5.0/3, MLV4.0/13, Mw(m)B4.3/3

IDC 20 13:03:38.4-4.4, 3.48S, 123.45E, h16km, 45km, mb3.6/7, mb1 3.8/10, mb1mx3.6/32, mbtmp3.9/10, ML3.7/3, MS2.9/3, mb1 2.9/9, ms1mx2.6/24, Error ellipse: s-maj=42.0km s-min=16.1km az=72.0

ISC 20 13:03:36.3-0.6, 3.53S, 0.05, 123.24E, 0.05, h35km, n26, 0.122/34, mb3.8/8, Sulawesi

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

NWA0 Narroga (SR) 29.79 190 P P 13 09 40.9 +1.0

CMAR Chiang Mai Arr 32.40 313 P P 13 10 03.9 +0.8

STKA Stephens Creek 33.06 151 P P 13 10 07.7 -1.1

SOMN Songoing Array 53.24 346 P P 13 12 52.0 -0.3

MKAR Makanchi Array 61.73 329 P P 13 13 54.0 +0.1

ZALV Zalesovo Beam 65.61 336 P P 13 15 12.0 -1.4

BVAR Borovoye Array 71.61 330 P P 13 14 54.2 +0.1

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

MEX 20 13:27:57.4-0.8, 32.89N, 115.56W, h16km, 31km, MD3.4

ISCJB 20 13:27:58.7-0.4, 32.61N, 0.03, 115.70W, 0.02, h13km, 4km, Error ellipse: s-maj=5.0km s-min=3.5km az=11.9

NEIC 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD3.4(MEX), ML2.8(PAS), ML2.8(EXC), After ECX.

ECX 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD2.6, ML2.8, Fault plane solution: Np1, 0.120, 0.00000, 0.890, 0.00000, 0.0

ISC 20 13:27:58.7-0.9, 32.58N, 0.03, 115.71W, 0.02, h17km, 9km, n27, 0.057/43, 8C-4D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res
ERPC Ernie's Place 0.17 131 fP Pn 13 28 03.4 -0.1
WESC Westside Schoo 0.18 354 fP Pn 13 28 03.6 -0.1

comp=N, 3um, 0.1s

CPBX Cerro Prieto 0.38 115 eP Pn 13 28 06.2 -0.3

CRR Carrizo Plain 0.38 325 fP Pn 13 28 07.4 +0.7

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0

ISCJB 20 12:55:49.9-0.6, 47.1S, 0.1, 13.5W, 0.2, h10km, mb4.0/12, MS3.5/7, Error ellipse: s-maj=17.6km s-min=13.8km az=138.4

IDC 20 12:55:50.1-0.8, 47.14S, 13.49W, h0km, mb3.9/10, mb1 4.1/10, mb1mx3.9/26, mbtmp3.9/10, MS3.5/7, Ms1 3.5/7, ms1mx3.3/18, Error ellipse: s-maj=23.4km s-min=19.1km az=151.0

NEIC 20 12:55:51.5-0.6, 47.23S, 13.47W, h10km, mb4.8/2, Error

ellipse: s-maj=19.1km s-min=14.8km az=136.0
ISC 20 12:55:51.6-0.7, 47.2S, 0.1, 13.5W, 0.1, h10km, n24, 0.137/17, mb4.0/12, MS3.5/7, Southern Mid-Atlantic Ridge

Code Station Name Az AZZ Phase ID Time Res
SNA4 Sanae 25.02 172 Op Pn 13 01 16.0 +0.6
SUR Sutherland 29.96 73 LR LR 13 10 48.8

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

CPUB Cerro Prieto 0.38 115 eP Pn 13 28 06.2 -0.3

CPBX Cerro Prieto 0.38 325 fP Pn 13 28 07.4 +0.7

CRR Carrizo Plain 0.38 325 fP Pn 13 28 07.4 +0.7

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0

ISCJB 20 13:03:38.0-0.4, 3.54S, 0.03, 123.24E, 0.03, h33km, mb3.8/8, MS2.7/1, Error ellipse: s-maj=4.6km s-min=4.5km az=8.6

DJA 20 13:03:35.7-0.9, 4.2S, 12.3E, h34km, 15km, M4, 2/13, mb4.4/6, mb5.0/3, MLV4.0/13, Mw(m)B4.3/3

IDC 20 13:03:38.4-4.4, 3.48S, 123.45E, h16km, 45km, mb3.6/7, mb1 3.8/10, mb1mx3.6/32, mbtmp3.9/10, ML3.7/3, MS2.9/3, mb1 2.9/9, ms1mx2.6/24, Error ellipse: s-maj=42.0km s-min=16.1km az=72.0

ISC 20 13:03:36.3-0.6, 3.53S, 0.05, 123.24E, 0.05, h35km, n26, 0.122/34, mb3.8/8, Sulawesi

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

NWA0 Narroga (SR) 29.79 190 P P 13 09 40.9 +1.0

CMAR Chiang Mai Arr 32.40 313 P P 13 10 03.9 +0.8

STKA Stephens Creek 33.06 151 P P 13 10 07.7 -1.1

SOMN Songoing Array 53.24 346 P P 13 12 52.0 -0.3

MKAR Makanchi Array 61.73 329 P P 13 13 54.0 +0.1

ZALV Zalesovo Beam 65.61 336 P P 13 15 12.0 -1.4

BVAR Borovoye Array 71.61 330 P P 13 14 54.2 +0.1

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

MEX 20 13:27:57.4-0.8, 32.89N, 115.56W, h16km, 31km, MD3.4

ISCJB 20 13:27:58.7-0.4, 32.61N, 0.03, 115.70W, 0.02, h13km, 4km, Error ellipse: s-maj=5.0km s-min=3.5km az=11.9

NEIC 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD3.4(MEX), ML2.8(PAS), ML2.8(EXC), After ECX.

ECX 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD2.6, ML2.8, Fault plane solution: Np1, 0.120, 0.00000, 0.890, 0.00000, 0.0

ISC 20 13:27:58.7-0.9, 32.58N, 0.03, 115.71W, 0.02, h17km, 9km, n27, 0.057/43, 8C-4D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

NWA0 Narroga (SR) 29.79 190 P P 13 09 40.9 +1.0

CMAR Chiang Mai Arr 32.40 313 P P 13 10 03.9 +0.8

STKA Stephens Creek 33.06 151 P P 13 10 07.7 -1.1

SOMN Songoing Array 53.24 346 P P 13 12 52.0 -0.3

MKAR Makanchi Array 61.73 329 P P 13 13 54.0 +0.1

ZALV Zalesovo Beam 65.61 336 P P 13 15 12.0 -1.4

BVAR Borovoye Array 71.61 330 P P 13 14 54.2 +0.1

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

MEX 20 13:27:57.4-0.8, 32.89N, 115.56W, h16km, 31km, MD3.4

ISCJB 20 13:27:58.7-0.4, 32.61N, 0.03, 115.70W, 0.02, h13km, 4km, Error ellipse: s-maj=5.0km s-min=3.5km az=11.9

NEIC 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD3.4(MEX), ML2.8(PAS), ML2.8(EXC), After ECX.

ECX 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD2.6, ML2.8, Fault plane solution: Np1, 0.120, 0.00000, 0.890, 0.00000, 0.0

ISC 20 13:27:58.7-0.9, 32.58N, 0.03, 115.71W, 0.02, h17km, 9km, n27, 0.057/43, 8C-4D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res
ERPC Ernie's Place 0.17 131 fP Pn 13 28 03.4 -0.1
WESC Westside Schoo 0.18 354 fP Pn 13 28 03.6 -0.1

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0
BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0
TJIG Tijuana 0.83 260 eP Pn 13 28 25.8 +0.2

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

CPUB Cerro Prieto 0.38 115 eP Pn 13 28 06.2 -0.3

CPBX Cerro Prieto 0.38 325 fP Pn 13 28 07.4 +0.7

CRR Carrizo Plain 0.38 325 fP Pn 13 28 07.4 +0.7

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0

ISCJB 20 13:03:38.0-0.4, 3.54S, 0.03, 123.24E, 0.03, h33km, mb3.8/8, MS2.7/1, Error ellipse: s-maj=4.6km s-min=4.5km az=8.6

DJA 20 13:03:35.7-0.9, 4.2S, 12.3E, h34km, 15km, M4, 2/13, mb4.4/6, mb5.0/3, MLV4.0/13, Mw(m)B4.3/3

IDC 20 13:03:38.4-4.4, 3.48S, 123.45E, h16km, 45km, mb3.6/7, mb1 3.8/10, mb1mx3.6/32, mbtmp3.9/10, ML3.7/3, MS2.9/3, mb1 2.9/9, ms1mx2.6/24, Error ellipse: s-maj=42.0km s-min=16.1km az=72.0

ISC 20 13:03:36.3-0.6, 3.53S, 0.05, 123.24E, 0.05, h35km, n26, 0.122/34, mb3.8/8, Sulawesi

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

NWA0 Narroga (SR) 29.79 190 P P 13 09 40.9 +1.0

CMAR Chiang Mai Arr 32.40 313 P P 13 10 03.9 +0.8

STKA Stephens Creek 33.06 151 P P 13 10 07.7 -1.1

SOMN Songoing Array 53.24 346 P P 13 12 52.0 -0.3

MKAR Makanchi Array 61.73 329 P P 13 13 54.0 +0.1

ZALV Zalesovo Beam 65.61 336 P P 13 15 12.0 -1.4

BVAR Borovoye Array 71.61 330 P P 13 14 54.2 +0.1

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

MEX 20 13:27:57.4-0.8, 32.89N, 115.56W, h16km, 31km, MD3.4

ISCJB 20 13:27:58.7-0.4, 32.61N, 0.03, 115.70W, 0.02, h13km, 4km, Error ellipse: s-maj=5.0km s-min=3.5km az=11.9

NEIC 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD3.4(MEX), ML2.8(PAS), ML2.8(EXC), After ECX.

ECX 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD2.6, ML2.8, Fault plane solution: Np1, 0.120, 0.00000, 0.890, 0.00000, 0.0

ISC 20 13:27:58.7-0.9, 32.58N, 0.03, 115.71W, 0.02, h17km, 9km, n27, 0.057/43, 8C-4D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

NWA0 Narroga (SR) 29.79 190 P P 13 09 40.9 +1.0

CMAR Chiang Mai Arr 32.40 313 P P 13 10 03.9 +0.8

STKA Stephens Creek 33.06 151 P P 13 10 07.7 -1.1

SOMN Songoing Array 53.24 346 P P 13 12 52.0 -0.3

MKAR Makanchi Array 61.73 329 P P 13 13 54.0 +0.1

ZALV Zalesovo Beam 65.61 336 P P 13 15 12.0 -1.4

BVAR Borovoye Array 71.61 330 P P 13 14 54.2 +0.1

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

MEX 20 13:27:57.4-0.8, 32.89N, 115.56W, h16km, 31km, MD3.4

ISCJB 20 13:27:58.7-0.4, 32.61N, 0.03, 115.70W, 0.02, h13km, 4km, Error ellipse: s-maj=5.0km s-min=3.5km az=11.9

NEIC 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD3.4(MEX), ML2.8(PAS), ML2.8(EXC), After ECX.

ECX 20 13:27:59.8-0.0, 32.56N, 115.70W, h4km, MD2.6, ML2.8, Fault plane solution: Np1, 0.120, 0.00000, 0.890, 0.00000, 0.0

ISC 20 13:27:58.7-0.9, 32.58N, 0.03, 115.71W, 0.02, h17km, 9km, n27, 0.057/43, 8C-4D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res
ERPC Ernie's Place 0.17 131 fP Pn 13 28 03.4 -0.1
WESC Westside Schoo 0.18 354 fP Pn 13 28 03.6 -0.1

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0
BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0
TJIG Tijuana 0.83 260 eP Pn 13 28 25.8 +0.2

Code Station Name Az AZZ Phase ID Time Res
SNA4 Sanae 25.02 172 Op Pn 13 01 16.0 +0.6
SUR Sutherland 29.96 73 LR LR 13 10 48.8

comp=Z, 29nm, 19.1s, baz=334, slow=38, SNR=3.9

CPUB Cerro Prieto 0.38 115 eP Pn 13 28 06.2 -0.3

CPBX Cerro Prieto 0.38 325 fP Pn 13 28 07.4 +0.7

CRR Carrizo Plain 0.38 325 fP Pn 13 28 07.4 +0.7

BAR Barrett 0.82 277 eP Pn 13 28 14.7 0.0

ISCJB 20 13:03:38.0-0.4, 3.54S, 0.03, 123.24E, 0.03, h33km, mb3.8/8, MS2.7/1, Error ellipse: s-maj=4.6km s-min=4.5km az=8.6

DJA 20 13:03:35.7-0.9, 4.2S, 12.3E, h34km, 15km, M4, 2/13, mb4.4/6, mb5.0/3, MLV4.0/13, Mw(m)B4.3/3

IDC 20 13:03:38.4-4.4, 3.48S, 123.45E, h16km, 45km, mb3.6/7, mb1 3.8/10, mb1mx3.6/32, mbtmp3.9/10, ML3.7/3, MS2.9/3, mb1 2.9/9, ms1mx2.6/24, Error ellipse: s-maj=42.0km s-min=16.1km az=72.0

ISC 20 13:03:36.3-0.6, 3.53S, 0.05, 123.24E, 0.05, h35km, n26, 0.122/34, mb3.8/8, Sulawesi

Code Station Name Az AZZ Phase ID Time Res
BBSI Bau Bau 2.06 199 P Pn 13 04 08.2 -0.2
LWU1 Luwuk 2.51 349 P Pn 13 04 14.3 -0.4

comp=Z, 29nm, 19.1s

LAGR		iS	Sn	13 33 30.0	-6.8	
SHO	Shikotan	6.55 22c	Pn	13 32 21.2	-3.7	
SHO		iS	Pn	13 33 30.1	-8.8	
SHO	comp=Z,786nm,1.0s	pmax	pmax			
SHO	comp=N,431nm,0.4s	pmax	pmax			
SHO	comp=E,441nm,0.6s	smax	smax			
SHO	comp=N,3um,0.4s	smax	smax			
KUR	comp=N,3um,0.5s	smax	smax			
KUR	Kuril'sk	8.10 22c	Pn	13 32 43.7	-2.4	
KUR		iS	Sn	13 34 09.9	-7.0	
KUR	comp=N,178nm,0.5s	pmax	pmax			
KUR	comp=E,158nm,0.5s	pmax	pmax			
KUR	comp=Z,227nm,0.5s	pmax	pmax			
KUR	comp=Z,2um,12.0s	MLR	MLR			
TEY	Ternei	8.87 327	eP	Pn	13 32 57.0	+0.3
TEY	comp=E,50nm,0.9s	pmax	pmax			
TEY	comp=N,52nm,0.8s	pmax	pmax			
TEY	comp=Z,60nm,0.9s	pmax	pmax			
TEY	comp=Z,3um,14.0s	MLR	MLR			
YSS	Yuzh-Sakhalins	9.15 357f	eP	Pn	13 33 00.7	+0.2
YSS		eS	Sn	13 34 41.8	-0.8	
YSS	comp=Z,70nm,0.7s	pmax	pmax			
YSS	comp=N,70nm,0.5s	pmax	pmax			
YSS	comp=N,400nm,2.0s	smax	smax			
YSS	comp=Z,2um,13.0s	MLR	MLR			
YSS	comp=N,2um,12.0s	MLR	MLR			
YSS	Yuzh-Sakhalins	9.15 357	ePn	Pn	13 33 00.6	+0.2
YSS		eSn	Sn	13 34 39.1	-3.5	
VLA	Vladivostok	10.31 305f	iP	Pn	13 33 18.7	+2.4
VLA		iS	Sn	13 35 14.3	+3.2	
VLA	comp=Z,110nm,1.0s	pmax	pmax			
MSHR	Mys Shuitsa	10.56 301f	eP	Pn	13 33 17.8	-2.1
CBIJ	Chichijima	10.75 186	ePn	Pn	13 33 21.1	-1.3
CBIJ		eSn	Sn	13 35 08.9	-1.3	
CJ	Chichijima	10.75 186	Pn	Pn	13 33 17.1	-5.3
CJ	comp=Z,33nm,0.3s,baz=279,slow=21,SNR=6.4	LR	LR			
CJ		LR	LR			
CJ	comp=Z,19nm,0.3s,baz=286,slow=20,SNR=3.2	LR	LR			
CJ		LR	LR			
CJ	comp=Z,160nm,21.0s,baz=354,slow=36	LR	LR			
USRK	Ussuriysk Ar.	10.78 310	Pn	Pn	13 33 22.1	-0.6
USRK	comp=Z,1.1nm,0.3s,baz=118,slow=13,SNR=23	LR	LR			
USRK		LR	LR			
JNU	Nakatsue	11.30 249	Pn	Pn	13 33 29.1	-0.9
JNU	comp=Z,1.0nm,0.3s,baz=45,slow=11,SNR=8.7	LR	LR			
JNU		LR	LR			
JNU	comp=Z,8.0nm,19.8s,baz=78,slow=33	LR	LR			
JNU		LR	LR			
JNU	Nakatsue	11.30 249	ePn	Pn	13 33 26.8	-3.2
KSRS	Korea Array	12.35 273	Pn	Pn	13 33 45.4	+1.1
KSRS	comp=Z,0.8nm,0.3s,baz=87,slow=13,SNR=32	LR	LR			
KSRS		LR	LR			
KSRS	comp=Z,1um,18.4s,baz=80,slow=38	LR	LR			
KS01	Wonju Array Si	12.37 273	ePn	Pn	13 33 46.0	+1.4
KS15	Wonju Array Si	12.38 273	ePn	Pn	13 33 46.9	+2.1
KSAR	Wonju Array Be	12.38 273	P	Pn	13 33 45.4	+0.6
KSAR	Wonju Array Be	12.38 273	Pn	Pn	13 33 45.4	+0.6
MDJ	Mudanjiang	12.47 307	Pn	Pn	13 33 46.4	+0.5
MDJ	comp=Z,28nm,0.9s	pmax	pmax			
MDJ	comp=Z,540nm,11.8s	pmax	pmax			
MDJ	comp=Z,3um,16.6s	LR	LR			
MDJ	comp=Z,2um,17.3s	LR	LR			
MDJ	comp=Z,2um,15.5s	LR	LR			
MDJ	Mudanjiang	12.47 307	ePn	Pn	13 33 45.1	-0.8
MDJ	comp=Z,33nm,0.9s	pmax	pmax			
TJN	Taishan	12.96 269f	ePn	Pn	13 33 52.9	+0.3
INCN	Inchon	13.37 274	ePn	Pn	13 33 58.6	+0.4
GRNR	Gornyy	13.89 341	eP	Pn	13 34 03.5	-1.8
GRNR	comp=Z,16nm,0.8s	pmax	pmax			
KLR	Kul'dur	14.22 327	Pn	Pn	13 34 07.7	-2.0
KLR	comp=Z,0.0nm,0.3s,baz=134,slow=12,SNR=44	LR	LR			
KN2	Changchun	14.90 299	eP	Pn	13 34 16.3	-2.8
KN2		eS	Sn	13 36 59.3	-4.2	
KN2	comp=Z,10.0nm,1.4s	pmax	pmax			
KN2	comp=Z,2um,15.0s	LR	LR			
KN2	comp=Z,1um,15.0s	LR	LR			
NKL	Nikolayevsk	15.46 354	eP	Pn	13 34 24.0	-2.3
NKL	comp=N,58nm,1.5s	pmax	pmax			
NKL	comp=Z,70nm,1.5s	pmax	pmax			
SKR	Severo-Kuril's	15.69 31	eP	P	13 34 43.6	+1.0
SKR	comp=Z,800nm,3.5s	pmax	pmax			
SKR	comp=Z,368nm,1.1s	pmax	pmax			
SKR	comp=Z,900nm,15.0s	MLR	MLR			
SKR	comp=Z,2um,13.0s	MLR	MLR			
SNY	Shenyang	15.81 291	iP	Pn	13 34 31.4	+0.4
SNY	comp=Z,25nm,1.1s	pmax	pmax			
SNY	comp=Z,3um,13.1s	LR	LR			
SNY	comp=Z,3um,17.0s	LR	LR			
SNY	comp=Z,4um,16.1s	LR	LR			
DL2	Dalian	17.18 280	P	Pn	13 34 46.6	-1.8
DL2		eS	Sn	13 37 55.0	-3.8	
DL2	comp=Z,100nm,1.6s	pmax	pmax			
DL2	comp=Z,440nm,4.5s	pmax	pmax			
DL2	comp=Z,1um,13.4s	LR	LR			
DL2	comp=Z,2um,14.4s	LR	LR			
DL2	comp=Z,2um,13.9s	LR	LR			
PEA0B	Petrovavlovsk-	18.20 28	ePn	P	13 35 05.4	+4.4
PETK	Petrovavlovsk-	18.20 28	P	P	13 35 02.0	+1.1
PETK	comp=Z,0.7nm,0.3s,baz=217,slow=11,SNR=16	LR	LR			
PETK		LR	LR			
PETK	comp=Z,336nm,18.1s,baz=213,slow=43	LR	LR			
PETK		LR	LR			
PETK	Petrovavlovsk-	18.20 28	eP	P	13 35 02.5	+1.5
PETK		ePn	Pn	13 35 02.5	+1.5	
PET	Petrovavlovsk	18.50 30	eP	Pn	13 35 05.7	+1.2
PET		eS	Sn	13 38 27.9	-2.6	
PET	comp=Z,66nm,1.3s	pmax	pmax			
PET	comp=Z,1um,21.0s	MLR	MLR			
PET	Petrovavlovsk	18.50 30	eP	Pn	13 35 04.1	-0.5
PET	comp=Z,40nm,1.0s	pmax	pmax			
ZEA	Zeya	19.46 330	eP	P	13 35 13.2	-1.7
ZEA	comp=N,130nm,1.2s	pmax	pmax			
ZEA	comp=E,72nm,1.2s	pmax	pmax			
ZEA	comp=Z,180nm,1.2s	pmax	pmax			
ZEA		MLR	MLR			

comp=E,1um,16.0s		MLR	MLR			
ZEA	comp=Z,2um,16.0s	MLR	MLR			
ZEA	comp=N,1um,15.0s	MLR	MLR			
SSE	Sheshan	19.55 257	iP	P	13 35 15.9	-0.1
SSE		S	S	13 38 48.9	-6.6	
SSE	comp=N,25nm,1.5s	pmax	pmax			
SSE	comp=N,200nm,3.5s	pmax	pmax			
SSE	comp=N,980nm,16.0s	LR	LR			
SSE	comp=N,2um,16.0s	LR	LR			
SSE	comp=N,2um,16.0s	LR	LR			
HIA	Hailar	20.58 311	eP	P	13 35 23.3	-3.8
HIA		eP	P	13 35 23.3	-3.8	
HIA	comp=Z,28nm,0.7s	eP	P	13 35 23.3	-3.8	
HIA	Hailar	20.58 311	eP	P	13 35 23.3	-3.8
HIA		eP	P	13 35 23.3	-3.8	
NJ2	Nanjing	20.98 261	eP	P	13 35 29.3	-2.2
NJ2		eP	P	13 35 36.6	-1.2	
NJ2	comp=Z,19nm,1.1s	pP	pP			
NJ2	comp=Z,1um,19.2s	LR	LR			
NJ2	comp=Z,2um,15.7s	LR	LR			
NJ2	comp=Z,1um,16.3s	LR	LR			
TIA	Tai'an	21.10 274	P	P	13 35 31.3	-1.5
TIA		P	P	13 35 41.3	+2.2	
TIA		P	P	13 35 59.4	+7.4	
TIA	comp=Z,46nm,1.1s	pP	pP			
TIA	comp=Z,880nm,11.4s	pP	pP			
TIA	comp=Z,540nm,12.8s	LR	LR			
TIA	comp=Z,1um,17.1s	LR	LR			
BJI	Beijing	21.34 284f	eP	P	13 35 33.3	-2.0
BJI		eP	P	13 35 37.3	-4.4	
BJI		eP	P	13 35 42.8	-1.8	
BJI	comp=Z,150nm,1.0s	pP	pP			
BJI		LR	LR			
BJT	Baijiatuu	21.35 284	eP	P	13 35 31.9	-3.5
BJT		eP	P	13 35 31.9	-3.5	
BJT	comp=Z,128nm,1.0s	pP	pP			
BJT	Baijiatuu	21.35 284	eP	P	13 35 31.9	-3.5
BJT		eP	P	13 35 31.9	-3.5	
MA2	Magadan	22.27 10	P	P	13 35 46.5	+1.3
MA2	comp=Z,32nm,1.1s,baz=188,slow=10,SNR=12	LR	LR			
MA2		LR	LR			
MA2	comp=Z,333nm,18.7s,baz=194,slow=40	LR	LR			
MA2		LR	LR			
MA2	Magadan	22.27 10f	eP	P	13 35 46.8	+1.6
MA2		eP	P	13 35 48.6	+1.1	
MA2		eP	P	13 35 59.6	+0.6	
MA2		eP	P	13 36 08.5		
MA2		eP	P	13 39 38.7		
MA2		eP	P	13 39 53.2	-3.4	
CLNS	comp=N,18nm,0.9s	pmax	pmax			
CLNS	comp=Z,33nm,1.0s	pmax	pmax			
CLNS	comp=E,13nm,0.9s	pmax	pmax			
CLNS	comp=N,47nm,0.7s	pmax	pmax			
CLNS	comp=Z,38nm,0.8s	pmax	pmax			
CLNS	comp=E,54nm,0.9s	pmax	pmax			
CLNS	comp=N,50nm,1.4s	smax	smax			
CLNS	comp=E,34nm,1.1s	smax	smax			
CLNS	comp=E,746nm,14.0s	MLR	MLR			
CLNS	comp=Z,783nm,15.0s	MLR	MLR			
CLNS	comp=N,594nm,14.0s	MLR	MLR			
GUM	Guam	24.16 177	P	P	13 36 04.4	-0.1
GUM	comp=N,84nm,1.1s,baz=360,slow=13,SNR=1.8	LR	LR			
GUM		LR	LR			
TJUB	Ta-pu	24.35 240	eP	P	13 36 08.1	+1.9
TJUB	comp=N,176nm,18.6s,baz=8.0,slow=36	P	P	13 36 08.1	+1.9	
TJUB		P	P	13 36 08.1	+1.9	
TJUB	comp=N,69nm,1.0s	pP	pP			
TJUB		P	P	13 36 04.4	-3.2	
TJUB		P	P	13 40 29.6	+2.9	
TJUB		P	P	13 41 12.3	+0.6	
TIY	Taiyuan	24.50 279	eP	P	13 36 11.0	-1.3s
TIY		eP	P	13 40 29.6	+2.9	
TIY		eP	P	13 41 12.3	+0.6	
TIY	comp=N,110nm,1.3s	pmax	pmax			
TIY	comp=N,150nm,9.0s	pmax	pmax			
TIY	comp=N,560nm,12.7s	LR	LR			
TIY	comp=N,730nm,12.0s	LR	LR			
TIY	comp=N,1um,13.6s	LR	LR			
OZH	Quanzhou	24.75 246	iP	P	13 36 08.4	-1.3
OZH		S	S	13 40 33.3	+2.7	
OZH	comp=N,590nm,11.3s	LR	LR			
OZH	comp=N,870nm,12.8s	LR	LR			
OZH	comp=N,670nm,14.2s	LR	LR			
WHN	Wuhan	25.11 262	iP	P	13 36 12.8	-0.2
WHN		S	S	13 36 22.4	-0.2	
WHN		S	S	13 40 32.3	-4.1	
WHN	comp=N,310nm,1.2s	pmax	pmax			
WHN	comp=N,2um,12.3s	LR	LR			
WHN	comp=N,3um,13.0s	LR	LR			
WHN	comp=N,3um,18.3s	LR	LR			
CIT	Chita	25.30 314	eP	P	13 36 14.5	-0.1
CIT		eP	P	13 36 25.8		
CIT	comp=Z,290nm,1.9s	pmax	pmax			
YAK	Yakutsk	25.71 345	P	P	13 36 17.6	-0.5
YAK	comp=Z,40nm,0.7s,baz=194,slow=7.9,SNR=16	P	P	13 36 18.1	0.0	
YAK		P	P	13 36 25.5	+0.6	
YAK		P	P	13 36 56.2		
YAK		P	P	13 39 49.0		
YAK		P	P	13 40 47.8	+2.5	
YAK		P	P	13 41 50.1	+9.5	
YAK	comp=Z,82nm,1.5s	LR	LR			
YAK	comp=E,20nm,1.4s	pmax	pmax			
YAK	comp=N,34nm,1.4s	pmax	pmax			
YAK	comp=Z,64nm,1.2s	pmax	pmax			
YAK	comp=N,57nm,1.4s	pmax	pmax			
YAK	comp=E,49nm,1.5s	smax	smax			
YAK	comp=N,457nm,2.2s	smax	smax			
YAK	comp=E,355nm,2.2s	MLR	MLR			
YAK	comp=Z,859nm,14.0s	MLR	MLR			
YAK	comp=N,856nm,14.0s	MLR	MLR			
YAK	comp=E,326nm,14.0s	MLR	MLR			

20d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SMPI Sarmi, SWI Sorong, and various others in the 20d 13h range.

2012 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like STKI Sintang, SCM Sheep Creek Mo, and various others in the 2012 JAN range.

936

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KBL Kabul, AB31 Abkulak array, and various others in the 936 range.

MSO	Missoula	71.00	45	P	P	13 42 06.5 +0.7
MSO	Missoula	71.00	45	eP	P	13 42 08.5 +2.6
BEKR	Beckwith	71.06	54	eP	P	13 42 08.4 +2.0
NCK	Nalchik	71.36	311	eP	P	13 42 09.3 +1.4
NCK	Nalchik	71.36	311	eP	Pmax	
ZEI	Tsey	71.57	310	eP	P	13 42 08.6 -0.9
ZEI	Tsey	71.57	310	eP	Pmax	
KIV	Kislovodsk	71.64	312	eP	P	13 42 10.5 +0.8
KIV	Kislovodsk	71.64	312	eP	Pmax	
KIV	Kislovodsk	71.64	312	eP	P	13 42 10.4 +0.8
KIV	Kislovodsk	71.64	312	eP	P	13 42 11.8 +2.1
KIV	Kislovodsk	71.64	312	eP	P	13 42 11.8 +2.1
KBZ	Khabaz	71.64	311	eP	P	13 42 09.9 +0.3
KBZ	Khabaz	71.64	311	eP	P	13 42 09.9 +0.3
PAHR	Pah Rah Range	71.78	54	eP	P	13 42 12.4 +1.8
CMB	Columbia Colle	72.06	56	eP	Pmax	13 42 14.9 +2.6
CMB	Columbia Colle	72.06	56	eP	P	13 42 14.9 +2.6
FFC	Filin Flon	72.14	34	eP	Pmax	13 42 12.7 +0.3
FFC	Filin Flon	72.14	34	eP	P	13 42 12.7 +0.3
HRV	Holler Rsthrh	72.24	44	eP	P	13 42 15.0 +1.7
WSAR	Wadi Sarin	72.26	286	LR	LR	14 18 27.2
YERR	Yerington	72.27	54	eP	P	13 42 15.1 +1.4
LRM	Limekiln Ridge	72.42	45	eP	P	13 42 15.8 +1.2
GNI	Garni	72.56	307	eP	Pmax	13 42 16.1 +0.7
GNI	Garni	72.56	307	eP	Pmax	
EGMT	Egletton	72.58	42	eP	P	13 42 16.0 +0.7
EGMT	Egletton	72.58	42	eP	P	13 42 16.7 +1.4
DLMT	Dillon	72.61	46	eP	P	13 42 17.6 +2.0
HLID	Hailey	72.62	48	eP	P	13 42 16.5 +0.8
HLID	Hailey	72.62	48	eP	P	13 42 17.2 +1.5
IZAR	Zarasai	72.63	328	eP	P	13 42 15.3 +0.1
IDID	Idziasalai	72.71	328	eP	P	13 42 15.8 +0.1
BMN	Battle Mountain	72.73	52	eP	Pmax	13 42 18.2 +1.8
BMN	Battle Mountain	72.73	52	eP	Pmax	
ISAL	Salakas	72.80	328	eP	P	13 42 16.3 0.0
IGN	Ignalina	72.91	328	eP	P	13 42 17.0 0.0
KVN	Kaiserville	72.97	54	eP	Pmax	13 42 18.9 +1.0
KVN	Kaiserville	72.97	54	eP	P	13 42 18.9 +1.0
BOZ	Bozeman (W)	73.02	45	eP	P	13 42 18.7 +0.7
BOZ	Bozeman (W)	73.02	45	eP	Pmax	13 42 18.9 +0.9
BOZ	Bozeman (W)	73.02	45	eP	P	13 42 18.9 +0.9
BOZ	Bozeman (W)	73.02	45	eP	P	13 42 18.9 +0.9
UOSS	Minazif	73.14	289	eP	P	13 42 22.5 +3.6
NV01	Mina Array S1	73.19	54	eP	P	13 42 20.2 +1.0
NVAR	Mina Array Be	73.19	54	eP	P	13 42 20.2 +1.0
NV11	Mina Array Sit	73.28	54	eP	P	13 42 20.5 +0.8
PAGB	Antelope Grade	73.46	58	eP	P	13 42 24.1 +3.5
YHB	Horse Butte	73.78	46	eP	P	13 42 22.4 -0.2
SMMC	Simmler	73.86	58	eP	P	13 42 24.3 +1.2
YHH	Holmes Hill	73.95	46	eP	P	13 42 25.1 +1.4
YMR	Madison River	73.96	46	eP	P	13 42 25.4 +1.8
GCMT	Greycliff	74.00	44	eP	P	13 42 26.1 +2.4
TIN	Tinemaha, Big	74.03	55	eP	P	13 42 25.2 +1.1
NB2	NORSAR Subarra	74.09	338	eP	P	13 42 23.6 -0.3
NB2	NORSAR Subarra	74.09	338	eP	P	13 42 23.6 -0.3
NOA	NORSAR Array B	74.09	338	eP	P	13 42 24.1 +0.2
NOA	NORSAR Array B	74.09	338	eP	LR	14 20 08.9
YES	Vestal, Richgr	74.17	57	eP	P	13 42 25.7 +1.0
ANN	Anapa	74.17	315	eP	Pmax	13 42 24.0 -0.5
LKWY	Lake	74.34	45	eP	Pmax	13 42 26.1 +0.2
LKWY	Lake	74.34	45	eP	P	13 42 26.1 +0.2
H17A	Grant Village	74.34	46	eP	P	13 42 28.7 +2.7
H17A	Grant Village	74.34	46	eP	P	13 42 28.7 +2.7
CWC	Cottonwood Cre	74.48	56	eP	P	13 42 27.4 +0.6
FXWY	Fox Creek	74.55	47	eP	P	13 42 29.2 +2.0
RLMT	Red Lodge	74.63	45	eP	P	13 42 28.3 +0.7
RLMT	Red Lodge	74.63	45	eP	P	13 42 30.8 +3.2
MOOW	Moose Ponds	74.64	46	eP	P	13 42 29.2 +1.6
HVU	Hansel Valley	74.65	49	eP	Pmax	13 42 29.3 +1.6
HVU	Hansel Valley	74.65	49	eP	P	13 42 29.3 +1.6
AKASG	Malin Array Be	74.68	323	eP	P	13 42 27.1 -0.3
AKASG	Malin Array Be	74.68	323	eP	LR	14 19 30.9
AKBB	Malin Array S1	74.68	323	eP	P	13 42 27.6 +0.2
AKBB	Malin Array S1	74.68	323	eP	P	13 42 27.6 +0.2
TPAW	Teton Pass	74.68	47	eP	P	13 42 29.9 +2.0
KIEV	Kiev	74.69	323	dIP	P	13 42 27.5 0.0
KIEV	Kiev	74.69	323	eP	Pmax	
KIEV	Kiev	74.69	323	eP	P	13 42 27.1 -0.4
REDW	Red Top Meadow	74.82	47	eP	P	13 42 30.5 +1.9
DAC	Darwin (Calif)	74.90	56	eP	Pmax	13 42 31.0 +1.8
DAC	Darwin (Calif)	74.90	56	eP	P	13 42 31.0 +1.8
SFJD	Kangerlussuaq	74.96	6	eP	P	13 42 30.8 +2.1
SFJD	Kangerlussuaq	74.96	6	eP	Pmax	
SFJD	Kangerlussuaq	74.96	6	iP	P	13 42 29.3 +0.6
SFJD	Kangerlussuaq	74.96	6	eP	P	13 42 30.8 +2.1
R11A	Troy Canyon, C	74.97	53	eP	P	13 42 29.5 -0.1
R11A	Troy Canyon, C	74.97	53	eP	P	13 42 30.4 +0.8
BGU	Big Grassy Mou	75.01	50	eP	P	13 42 32.1 +2.3

AHID	Auburn Hatcher	75.04	47	eP	P	13 42 30.9 +0.9
MPMC	Manual Sprnc	75.09	56	eP	P	13 42 30.5 +0.2
SPUT	South Promnto	75.13	49	eP	P	13 42 33.5 +3.1
FURC	Furnace Creek,	75.26	55	eP	P	13 42 32.6 +1.6
KOPT	Kop Dagi	75.27	309	eP	P	13 42 33.8 +2.4
LAO	LASA Array	75.29	42	eP	P	13 42 32.4 +1.2
LAO	LASA Array	75.29	42	eP	P	13 42 33.1 +1.9
LRMC	Laurel Mtn Rad	75.31	56	eP	P	13 42 33.2 +1.7
TPNV	Topopah Spring	75.38	55	eP	P	13 42 34.1 +2.2
TPNV	Topopah Spring	75.38	55	eP	Pmax	13 42 32.6 +0.7
TPNV	Topopah Spring	75.38	55	eP	P	13 42 32.6 +0.7
EDW2	Edwards Air Fo	75.45	57	eP	P	13 42 33.2 +0.9
HWUT	Hardware Ranch	75.48	48	eP	P	13 42 33.7 +1.2
DUG	Dugway, Tooele	75.59	50	eP	P	13 42 33.7 +0.6
DUG	Dugway, Tooele	75.59	50	eP	Pmax	13 42 34.5 +1.5
DUG	Dugway, Tooele	75.59	50	eP	P	13 42 34.5 +1.5
TCUT	Toone Canyon	75.87	49	eP	P	13 42 36.4 +1.6
CTU	Camp Tracy	75.93	49	eP	P	13 42 37.4 +2.3
BW06	Boulder Array	75.93	47	eP	P	13 42 35.1 0.0
BW06	Boulder Array	75.93	47	eP	P	13 42 35.6 +0.5
PD31	Pinedale Array	75.93	47	eP	P	13 42 35.5 +0.4
PDAR	Pinedale Array	75.93	47	eP	P	13 42 35.3 +0.2
PDAR	Pinedale Array	75.93	47	eP	LR	14 12 05.8
PSUT	Pine Spring	75.95	52	eP	P	13 42 37.0 +1.8
GSC	Goldstone, Bar	75.99	56	eP	P	13 42 36.2 +0.8
JLU	Jordanelle	76.16	49	eP	P	13 42 38.5 +2.0
NLU	North Lily Min	76.18	50	eP	P	13 42 37.9 +1.4
SHPR	Sheep Range	76.34	54	eP	P	13 42 39.9 +2.4
MPU	Maple Canyon	76.41	50	eP	P	13 42 38.9 +1.0
TUQ	Turquoise Moun	76.49	56	eP	P	13 42 39.7 +1.4
MARD	Mardin	76.73	307	eP	P	13 42 41.1 +1.5
MURC	Murieta	76.74	58	eP	P	13 42 40.8 +1.2
SORM	Soroca	76.83	321	iP	P	13 42 39.0 -0.7
SORM	Soroca	76.83	321	iP	P	13 42 42.0 +1.6
CCUT	Cedar City	76.86	53	eP	P	13 42 43.9 +2.7
SZCU	Shurtz Canyon	77.01	51	eP	P	13 42 43.6 +2.4
MSU	Marysvale	77.01	51	eP	P	13 42 43.6 +2.4
MSU	Marysvale	77.01	51	eP	P	13 42 41.4 -0.1
TMUT	Trail Mountain	77.11	50	eP	P	13 42 45.2 +3.3
PFO	Pinyon Flats O	77.23	57	eP	P	13 42 43.2 +0.8
LCMT	Little Creek M	77.26	53	eP	P	13 42 44.2 +1.6
P17A	Butcher Ranch,	77.29	50	eP	P	13 42 44.4 +1.6
MTPU	Mount Pierson	77.29	52	eP	P	13 42 45.4 +2.4
BELC	Belle Mtn. Jos	77.30	57	eP	P	13 42 43.4 +0.5
P18A	Preon Nutter	77.49	49	eP	P	13 42 46.9 +2.9
KNB	Kanab	77.52	53	eP	P	13 42 45.9 +1.8
KNB	Kanab	77.52	53	eP	Pmax	13 42 45.9 +1.8
KNB	Kanab	77.52	53	eP	P	13 42 45.9 +1.8
SRU	San Rafael Swe	77.65	50	eP	P	13 42 45.7 +0.9
SRU	San Rafael Swe	77.65	50	eP	Pmax	13 42 45.7 +0.9
SRU	San Rafael Swe	77.65	50	eP	P	13 42 45.7 +0.9
LVV	L'vov	77.71	325	eP	P	13 42 47.9 +3.2
K22A	Casper	77.73	45	eP	P	13 42 46.3 +1.1
K22A	Casper	77.73	45	eP	P	13 42 46.6 +1.5
IRM	Iron Mountain	77.77	56	eP	P	13 42 47.1 +1.8
MDND	Maddock	77.88	38	eP	P	13 42 47.8 +2.1
ULM	Lac du Bonnet	77.93	34	eP	P	13 42 46.1 +0.3
ULM	Lac du Bonnet	77.93	34	eP	LR	14 21 05.2
ULM	Lac du Bonnet	77.93	34	eP	Pmax	13 42 46.2 +0.3
ULM	Lac du Bonnet	77.93	34	eP	P	13 42 46.2 +0.3
RSSD	Black Hills	78.14	43	eP	P	13 42 48.5 +1.0
RSSD	Black Hills	78.14	43	eP	Pmax	13 42 48.1 +0.6
RSSD	Black Hills	78.14	43	eP	P	13 42 48.1 +0.6
RSSD	Black Hills	78.14	43	eP	P	13 42 48.1 +0.6
PDCCI	Parq Dam,Lak	78.34	56	eP	P	13 42 49.4 +1.0
O20A	White River Ci	78.36	48	eP	P	13 42 50.2 +1.4
O20A	White River Ci	78.36	48	eP	P	13 42 50.6 +1.8
Y12C	Blythe	78.43	56	eP	P	13 42 50.2 +1.3
KWP	Kalwaria Pacla	78.45	325	eP	P	13 42 49.7 +0.9
KWP	Kalwaria Pacla	78.45	325	eP	P	13 42 49.7 +0.9
KWP	Kalwaria Pacla	78.45	325	eP	P	13 42 49.6 +0.9
A32A	Rocking H Ranc	78.61	36	eP	P	13 42 50.3 +0.6
GLA	Glamis	78.65	57	eP	P	13 42 50.9 +0.6
BUR08	Bucovina Ar. S	78.70	323	eP	P	13 42 51.1 +0.8
BUR04	Bucovina Ar. S	78.71	323	eP	P	13 42 50.8 +0.4
BURAR	Bucovina Array	78.71	323	iP	P	13 42 50.8 +0.4
TESR	Tescani	78.78	321	iP	P	13 42 51.3 +0.6
C31A	Landman Farms,	78.82	37	eP	P	13 42 51.5 +0.6
PV09	Paradox Valley	78.88	50	eP	P	13 42 53.7 +2.0
CFR	Caraliu	78.95	319	iP	P	13 42 51.4 +0.2
CFR	Caraliu	78.95	319	iP	P	13 42 51.4 -0.2
B32A	Ashes, Strand	78.96	36	eP	P	13 42 52.2 +0.6
PV10	Paradox Valley	79.01	50	eP	P	13 42 54.0 +1.6
PV04	Paradox Valley	79.08	50	eP	P	13 42 53.5 +0.8
A33A	Waroad	79.10	35	eP	P	13 42 53.2 +0.9
PV05	Paradox Valley	79.16	50	eP	P	13 42 54.8 +1.6
VRI	Vrincioia	79.19	321	iP	P	13 42 54.8 +1.9
VRI	Vrincioia	79.19	321	iP	P	13 42 54.7 +1.9
N23A	Red Feather La	79.20	46	eP	P	13 42 53.7 +0.3
N23A	Red Feather La	79.20	46	eP	P	13 42 55.0 +1.5
P20R	Plostinia	79.24	321	iP	P	13 42 59.3 +6.1
P20R	Plostinia	79.24	321	iP	P	13 42 59.3 +6.1
STHS	Stebnicka Huta	79.26	326	eP	Pmax	13 42 54.7 +1.4
STHS	Stebnicka Huta	79.26	326	eP	Pmax	

STHS</

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like F35A Swanville, D37A Cotton, TUC Tucson, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RETA Reutte, P34A Walnut Farm, N36A Muff Farm, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like W37B Quinton, V38A Canehill, CCM Cathedral Cave, etc.

Table of astronomical observations for 20d 19h, listing stations like AAK, KSH, PYUN, INK, etc., with columns for station name, coordinates, and observation details.

Table for GEA0 GERESS Array S, listing station names like VTS, WVT, and observation parameters.

MEX 20 19:05:31.8±0.6, 16:38N×100.07W, h29km, 4km, MD3.6, Near coast of Guerrero

Table of observations for MEX 20 19:05:31.8±0.6, 16:38N×100.07W, listing stations like AC2P, ACX, CAIG, etc.

IDC 20 19:19:11.4±4.6, 24:52S×116.07W, h0km, mb3.6/4, mb1 4.1/4, mb1mx3.8/35, mbtmp3.6/4, MS3.6/7, Ms1 3.6/7, ms1mx3.3/19, Error ellipse: s-maj=269.9km s-min=45.3km az=117.0, Southern East Pacific Rise

Table of observations for IDC 20 19:19:11.4±4.6, 24:52S×116.07W, listing stations like RPN, PLCA, LPAZ, etc.

ISK 20 19:42:55.1, 38°70'N, 43°26'E, h5km, ML2.5, ISCBJ 20 19:42:57.0, 5.2, 38.70N, 0.03, 43.35E, 0.05, h12km, 5km, Error ellipse: s-maj=7.1km s-min=4.3km az=10.1, CSEM 20 19:42:57.4, 0.2, 38.71N, 43.33E, h10km, ML2.5, Error ellipse: s-maj=5.9km s-min=4.2km az=91.0, DDA 20 19:42:57.1, 38.71N, 43.37E, h7km, ML2.8, ISC 20 19:42:57.4±1.2, 38.72N, 0.02, 43.31E, 0.03, h4km, 11km, n26, c115143, Turkey

Table of observations for ISK, ISCBJ, CSEM, DDA, and ISC, listing stations like VANB, TVAN, ERV, etc.

NNC 20 19:49:15.2±3.5, 37:75N×71:07E, h0km, mb3.6, mpv3.2, 2C-4D, Error ellipse: s-maj=26.6km s-min=20.6km az=5.0, Afghanistan-Tajikistan border region

Table of observations for NNC 20 19:49:15.2±3.5, 37:75N×71:07E, listing stations like SFK, AML, MNAS, etc.

Table of observations for EKS2, KK31, KZ, AAK, CHMS, USP, listing stations like Erkin-Say, Karatay Array, etc.

ISCJB 20 19:54:40.6±1.2, 35:90N, 0:06, 141:20E, 0:10, h25km, mb3.4/2, Error ellipse: s-maj=12.0km s-min=7.2km az=151.7, IDC 20 19:54:40.6±1.2, 35:90N, 0:06, 141:20E, h0km, mb3.5/2, mb1 3.5/3, mb1mx3.2/43, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=110.7km s-min=49.5km az=161.0, JMA 20 19:54:42.0±1.1, 35:81N, 141:02E, h37km, 1km, M3.1, ISC 20 19:54:40.9±1.6, 35:85N, 0:07, 141:22E, 0:11, h25km, n16, c088/14, Near east coast of eastern Honshu

Table of observations for ISCJB, IDC, JMA, and ISC, listing stations like CHJO, JYT, JHO, etc.

NIED 20 19:55:00.36, 10N, 143:20E, h5km, Mw3.7, Best double couple: M=4.07000x10^14, NP1=14.00000°, δ23.00000°, λ=121.00000°, NP2=227.00000°, δ71.00000°, λ=78.00000°, JMA 20 19:55:43.1±0.2, 36:15N, 143:22E, h67km, M3.5, Off east coast of Honshu

Table of observations for NIED and JMA, listing stations like ONAJ, JHO, JFK, etc.

ISCJB 20 19:56:56.8±0.5, 25:50S, 0:05, 179:39E, 0:09, h507km, mb3.9/12, Error ellipse: s-maj=11.1km s-min=5.7km az=162.7, IDC 20 19:56:56.5±1.4, 25:47S, 179:70E, h509km, 14km, mb3.4/12, mb1 3.6/15, mb1mx3.5/31, mbtmp4.3/15, Error ellipse: s-maj=18.8km s-min=15.1km az=155.0, WEL 20 19:56:59.3±1.6, 26:5±11.1, 177E, 4.5, h316km, 58km, ISC 20 19:56:56.8±0.5, 25:52S, 0:07, 179:52E, 0:09, h507km, n55, c1967/59, mb3.9/12, South of Fiji Islands

Table of observations for ISCJB, IDC, WEL, and ISC, listing stations like RIZ, RAO, GLKZ, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like LUWI, SMKI, PCJI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WRAB, WARR, W3, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like HO1W2, PKDT, SURT, etc.

ANAZ	Anatahan	35.71	46	eP	P	20 39 38.6	-1.0
SARN	Sarigan	36.00	46	eP	P	20 39 42.2	+0.2
JOW	Kunigami	36.12	13	eP	P	20 39 43.0	0.0
YNG	Young	36.82	138	P	P	20 39 50.4	+1.5
ARMA	Armidale	36.97	130	P	P	20 39 50.7	+0.4
ARMA	Armidale	36.97	130	eP	P	20 39 53.1	+2.8
GYA	Guiyang	36.99	340	ijP	pP	20 39 52.3	+1.9
GYA				SP	pP	20 40 22.0	+1.3
GYA				SP	pP	20 40 37.8	+1.3
GYA				PnPn	pP	20 41 22.5	+2.8
GYA				PcP	pP	20 42 11.6	+2.9
GYA				S	S	20 45 29.4	+3.6
GYA				ScP	ScP	20 45 45.0	+2.1
GYA				PcS	PcS	20 45 59.3	+2.0
GYA				ScS	ScS	20 49 50.1	-0.7
GYA	comp=Z,270nm,0.6s			pmx	pmx		
GYA	comp=Z,310nm,6.2s			pmx	pmx		
GYA	comp=Z,3um,17.5s			LR	LR		
GYA	comp=Z,2um,17.7s			LR	LR		
TOO	Toolangi	37.18	145	P	P	20 39 52.3	+0.4
KMI	Kunming	37.28	334	P	P	20 39 56.0	+3.0
KMI				S	S	20 45 33.0	+2.5
KMI				ScP	ScP	20 45 43.8	-0.4
KMI	comp=Z,320nm,1.2s			pmx	pmx		
KMI	comp=Z,590nm,13.7s			LR	LR		
KMI	comp=Z,830nm,12.8s			LR	LR		
KMI	comp=Z,940nm,22.0s			LR	LR		
CAN	Canberra	37.84	139	eP	P	20 39 58.4	+1.0
CAN	Canberra	37.84	139	eP	P	20 39 58.4	+1.0
MGCD	Mangrove Creek	38.04	135	P	P	20 39 59.9	+0.8
CNB	Canberra Magne	38.07	139	P	P	20 40 00.2	+0.8
RIV	Riverview	38.41	136	P	P	20 40 02.9	+0.7
WHN	Wuhan	39.17	353	ijP	pP	20 40 09.8	+1.3
WHN				PP	pP	20 40 39.6	+0.5
WHN				PnPn	pP	20 41 49.5	+4.1
WHN	comp=Z,1um,2.4s			pmx	pmx		
WHN	comp=Z,870nm,13.7s			LR	LR		
WHN	comp=Z,2um,10.6s			LR	LR		
WHN	comp=Z,2um,15.2s			LR	LR		
SSE	Sheshan	39.42	2	ijP	P	20 40 12.8	+2.3
SSE				pP	pP	20 40 41.3	+0.2
SSE				SP	pP	20 40 56.8	0.0
SSE				PP	PP	20 41 45.5	+1.5
SSE				S	S	20 46 05.8	+3.8
SSE				sS	sS	20 46 57.0	+1.8
SSE	comp=Z,110nm,1.0s			pmx	pmx		
SSE	comp=Z,560nm,4.8s			pmx	pmx		
SSE	comp=Z,94nm,23.0s			LR	LR		
SSE	comp=Z,410nm,23.0s			LR	LR		
ENH	Enshi	39.79	346	eP	P	20 40 14.5	+0.8
HNR	Honiara	39.80	95	eP	P	20 40 14.0	0.0
HNR	Honiara	39.80	95	eP	P	20 40 14.6	+0.5
HNR				eS	S	20 46 08.3	+0.1
HNR	comp=Z,470nm,1.0s			pmx	pmx		
HNR	comp=Z,470nm,1.0s			eS	S	20 40 14.6	+0.6
NJ2	Nanjing	40.35	359	eP	P	20 40 08.3	+0.1
NJ2				pP	pP	20 40 19.8	+1.6
NJ2				SP	SP	20 40 44.3	-4.6
NJ2				ScP	ScP	20 40 59.5	-5.1
NJ2				PcP	PcP	20 42 21.4	+2.5
NJ2				ScP	ScP	20 45 54.2	+0.1
NJ2				S	S	20 46 18.6	+2.7
NJ2	comp=Z,310nm,0.9s			pmx	pmx		
NJ2	comp=Z,960nm,21.4s			LR	LR		
NJ2	comp=Z,860nm,15.5s			LR	LR		
NJ2	comp=Z,840nm,22.8s			LR	LR		
BRDH	Bariadhal	41.40	319	P	P	20 40 29.1	+2.1
BRDH	comp=Z,66nm,0.3s,baz=78,slo=5.0,SNR=4.9			ScP	ScP	20 46 00.4	+0.5
IMP	Imphal	41.56	324	eP	P	20 40 29.5	+1.2
IMP				ex	x	20 46 00.0	0.0
MOO	Moorlands	41.57	149	P	P	20 40 29.0	+0.9
CBJ	Chichi jima	41.60	31	eP	P	20 40 29.6	+1.0
JCJ	Chichijima	41.60	31	P	P	20 40 28.9	+0.3
PALK	Pallekele	41.88	291	iP	P	20 40 30.2	-0.9
PALK	comp=Z,24nm,0.6s,baz=115,slo=8.1,SNR=36			ScP	ScP	20 46 02.3	+0.3
PALK	comp=Z,54nm,1.1s,baz=116,slo=3.8,SNR=9.8			eP	P	20 40 30.4	-0.7
PALK	Pallekele	41.88	291	iP	P	20 40 29.6	-1.4
PALK	comp=Z,52nm,1.1s			ePcP	PcP	20 42 24.9	+0.4
PALK				eScP	ScP	20 46 02.7	+0.6
PALK	Pallekele	41.88	291	P	P	20 40 30.6	-0.5
PALK	SNR=9.8			P	P	20 40 30.6	-0.5
PALK	Pallekele	41.88	291	iP	P	20 40 29.8	-1.3
TAU	Tasmania Unive	41.97	149	eP	P	20 40 33.6	+2.2
TAU	comp=Z,75nm,1.1s			pmx	pmx		
TAU	Tasmania Unive	41.97	149	eP	P	20 40 33.2	+1.8
TAU	comp=Z,75nm,1.1s			pmx	pmx		
CD2	Chengdu	42.07	339	ijP	pP	20 40 33.5	+1.2
CD2				pP	pP	20 41 02.0	-1.3
CD2				SP	SP	20 41 16.8	-2.1
CD2				PcS	PcS	20 46 17.3	+0.6
CD2				S	S	20 46 44.8	+3.4
CD2				sS	sS	20 47 35.0	-0.1
CD2	comp=Z,230nm,0.5s			pmx	pmx		
CD2	comp=Z,980nm,3.5s			pmx	pmx		
CD2	comp=Z,2um,16.7s			LR	LR		
CD2	comp=Z,3um,20.6s			LR	LR		
CD2	comp=Z,1um,11.6s			LR	LR		
JNU	Nakatsue	42.77	14	eP	P	20 40 36.8	-1.2
JNU	comp=Z,35nm,0.8s			pmx	pmx		
SHL	Shillong	43.34	322	ePP	PcP	20 42 27.5	+0.5
SHL				iS	S	20 47 00.0	-0.5
XAN	Xi'an	43.53	347	P	P	20 40 44.8	+0.7
XAN				pP	pP	20 41 11.9	-3.3
XAN				PP	PP	20 42 33.0	+3.5
XAN				ScP	ScP	20 46 08.5	+0.2
XAN				S	S	20 47 01.1	-1.7
XAN				ScS	ScS	20 50 26.8	-2.7

XAN	comp=Z,260nm,1.0s			pmx	pmx		
XAN	comp=Z,630nm,3.5s			pmx	pmx		
XAN	comp=Z,2um,15.7s			LR	LR		
XAN	comp=Z,1um,24.9s			LR	LR		
CHLP	Challavanieta	44.21	308	eP	P	20 40 49.5	-0.2
CHLP	comp=Z,175nm,1.0s			IAMB	IAMB	20 40 52.1	
CHLP	comp=Z,265nm,22.1s			eS	S	20 47 08.0	-5.0
CHLP				IVMs_BB	IVMs_BB	20 59 17.1	
VIS	Vishakhapatnam	44.35	306	eP	P	20 40 51.1	+0.2
VIS				iX	x	20 47 14.0	0.0
TIA	Tai'an	44.56	357	P	S	20 40 52.3	+0.1
TIA				pmx	pmx	20 47 16.0	-1.5
TIA	comp=Z,35nm,1.0s			pmx	pmx		
TIA	comp=Z,370nm,3.9s			LR	LR		
TIA	comp=Z,360nm,9.6s			LR	LR		
TIA	comp=Z,200nm,3.6s			LR	LR		
TIA	comp=Z,330nm,12.1s			LR	LR		
MDS	Chennai	44.63	298	eP	P	20 40 51.1	-2.0
TJN	Taejon	45.24	94	iP	P	20 40 58.5	+0.9
PVM	Polavaram	45.48	304	eP	P	20 40 58.8	-1.0
PVM	comp=Z,178nm,1.3s			IAMB	IAMB	20 41 01.5	
PVM	comp=Z,173nm,5.3s			eS	S	20 47 23.1	-8.2
PVM				IVMsBB	IVMsBB	20 56 54.4	
TRD	Trivandrum	45.78	291	eP	P	20 41 00.3	-1.9
ROK	Bokaro	46.04	315	eP	P	20 41 05.3	+1.2
ADKI	Addanki	46.16	302	eP	P	20 41 04.3	-0.8
ADKI	comp=Z,149nm,1.0s			IAMB	IAMB	20 41 06.7	
ADKI				eS	S	20 47 32.0	-9.0
ADKI	comp=Z,265nm,13.7s			IVMs_BB	IVMs_BB	21 00 52.3	
INCN	Inchon	46.23	8	eP	P	20 41 06.5	+1.2
INCN				ePcP	PcP	20 42 39.2	+0.5
KS15	Wonju Array Si	46.37	9	eP	P	20 41 07.6	+1.2
KS15				ePcP	PcP	20 42 39.7	+0.5
KS15				eScP	ScP	20 46 19.5	-0.3
KSAR	Wonju Array Be	46.37	9	eP	P	20 41 06.7	+0.3
KSAR				ScP	ScP	20 42 40.5	
KSAR	Wonju Array Be	46.37	9	eP	P	20 41 06.7	+0.3
KSAR				PcP	PcP	20 42 40.5	+1.3
KSAR				ScP	ScP	20 46 19.3	-0.5
KSAR				ScP	ScP	20 41 06.7	+0.1
KSR5	Korea Array	46.38	9	eP	P	20 41 06.7	+0.1
KSR5	comp=Z,27nm,1.0s,baz=181,slo=7.9,SNR=44			ScP	ScP	20 42 40.5	+1.3
KSR5	comp=Z,55nm,0.9s,baz=179,slo=2.9,SNR=19			PcP	PcP	20 46 19.3	-0.6
KS01	Wonju Array Si	46.40	9	eP	P	20 41 07.0	+0.3
KS01				ePcP	PcP	20 42 40.4	+1.1
KS01				eP	P	20 41 07.8	+0.4
TIY	Taiyuan	46.48	352	eP	P	20 41 41.6	+2.7
TIY				pP	pP	20 47 40.5	-4.7
TIY	comp=Z,41nm,0.5s			pmx	pmx		
TIY	comp=Z,190nm,8.0s			pmx	pmx		
TIY	comp=Z,600nm,12.3s			LR	LR		
TIY	comp=Z,540nm,19.2s			LR	LR		
TIY	comp=Z,790nm,21.8s			LR	LR		
INU	Inuyama	46.61	20	eP	P	20 41 07.2	-1.1
INU	comp=Z,75nm,1.4s			ePcP	PcP	20 42 41.1	+1.0
H08S2	Diego Garcia H	46.68	268	T	T	20 30 59.0	
H08S2	baz=95,slo=76,SNR=11			T	T	21 30 59.8	
H08S3	Diego Garcia H	46.69	268	T	T	21 30 59.8	
H08S3	baz=95,slo=76,SNR=8.9			T	T	21 31 00.5	
H08S3	Diego Garcia H	46.70	268	T	T	21 31 00.5	
H08S3	baz=95,slo=76,SNR=7.2			T	T	21 31 00.5	
DGAR	Diego Garcia	46.74	268	iP	P	20 41 10.0	+0.3
DGAR	Diego Garcia	46.74	268	eP	P	20 41 10.1	+0.3
LZH	Lanzhou	46.80	342	ijP	pP	20 41 12.3	+2.3
LZH				pP	pP	20 41 40.5	-1.0
LZH				SP	SP	20 41 55.4	-1.6
LZH				PP	PP	20 43 03.3	+1.5
LZH				S	S	20 47 52.3	+2.3
LZH				sS	sS	20 48 42.3	-2.2
LZH				SS	SS	20 51 14.0	-4.5
LZH	comp=Z,120nm,1.2s			pmx	pmx		
LZH	comp=Z,570nm,6.3s			pmx	pmx		
LZH	comp=Z,430nm,17.5s			LR	LR		
LZH	comp=Z,1um,18.1s			LR	LR		
LZH	comp=Z,900nm,18.1s			LR	LR		
LSA	Lhasa	46.87	325	eP	P	20 41 12.4	+1.4
LSA				eS	S	20 47 51.5	-0.2
LSA	comp=Z,150nm,0.6s			pmx	pmx		
LSA	Lhasa	46.87	325	eP	P	20 41 12.3	+1.4
LSA	comp=Z,150nm,0.6s			eS	S	20 47 51.5	-0.2
DZM	Mont Dzumac	46.91	112	LR	LR	21 02 55.2	
DZM	comp=Z,693nm,18.1s,baz=254,slo=38			P	P	20 41 14.7	+3.6

20d 20h

Table with columns for station call signs (e.g., MCQ, DDI, WHZ), station names (e.g., Macquarie Isla, Wether Hill Ro), frequencies (e.g., 55.53 153), and other technical details like power and mode.

2012 JAN

Table with columns for station call signs (e.g., TLY, Talaya), station names (e.g., Talaya), frequencies (e.g., 61.53 349d), and other technical details like power and mode.

950

Table with columns for station call signs (e.g., AML, USP, EKS2), station names (e.g., Almayashu, Oспенovka), frequencies (e.g., 65.60 324), and other technical details like power and mode.

20d 20h

Table with columns for location, coordinates, and status. Includes entries like ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, etc.

2012 JAN

Table with columns for location, coordinates, and status. Includes entries like J05D Fort Rock, OR, D08A Wollman Farm, C00A Chrisman Ranch, etc.

952

Table with columns for location, coordinates, and status. Includes entries like YHB Horse Butte, IKP In-Ko-Pah, JAC, FFC Film Flon, etc.

MDND	Maddock	128.66	33	ePKPdf	PKPdf	20 51 45.1 +0.1
S22A	4UR Ranch, Cre	129.02	48	P	PKPdf	20 51 48.8 +2.4
S22A	4UR Ranch, Cre	129.02	48	ePKPdf	PKPdf	20 51 47.9 +1.4
ULM	Lac du Bonnet	129.02	29	PKP	PKPdf	20 51 46.6 +0.0
ULM	comp-Z, 1.9nm, 0.8s, baz=314, slow=3.0, SNR=30			SKPbc	SKPbc	20 54 51.0 -2.0
ULM	comp-Z, 2.7nm, 0.5s, baz=308, slow=4.0, SNR=9.6			SKPbc	SKPbc	20 51 46.5 +0.9
ISCO	Idaho Springs	129.06	45	ePKKIP	PKPdf	20 51 48.0 +1.6
ISCO	Idaho Springs	129.06	45	ePKKIP	PKPdf	20 51 46.3 -0.1
ISCO	Idaho Springs	129.06	45	ePKKIP	PKPdf	20 51 46.3 -0.1
B31A	Douglas	129.20	29	ePKKIP	PKPdf	20 51 46.2 -0.5
B31A	Greenbush Farm	129.31	34	P	PKPdf	20 51 48.1 +1.8
A32A	Rocking H Ranch	129.61	30	P	PKPdf	20 51 48.2 +1.5
C31A	Landman Farms,	129.69	32	P	PKPdf	20 51 48.0 +1.0
B32A	Ashes, Strandq	129.93	31	P	PKPdf	20 51 48.8 +1.4
SDCO	Great Sand Dun	129.99	47	ePKPdf	PKPdf	20 51 46.0 -2.2
PLCA	Paso Flores	130.00	170	PKP	PKPdf	20 51 49.9 +1.8
PLCA	comp-Z, 9.1nm, 0.7s, baz=211, slow=1.1, SNR=13			SKPbc	SKPbc	20 54 59.4 +1.0
PLCA	comp-Z, 124nm, 1.2s, baz=206, slow=5.5, SNR=30			SKPbc	SKPbc	21 04 38.6 -0.8
PLCA	Paso Flores	130.10	170	ePKKIP	PKPdf	20 51 48.2 +0.1
PLCA	Paso Flores	130.10	170	ePKKIP	PKPdf	20 51 48.2 +0.1
PLCA	Paso Flores	130.10	170	ePKKIP	PKPdf	20 54 59.8 +1.4
A33A	Warroad	130.14	30	P	PKPdf	20 51 49.6 +1.8
D31A	Mccafflin, Tow	130.16	33	P	PKPdf	20 51 49.9 +2.0
AGMN	Agassiz Nation	130.33	31	P	PKPdf	20 51 49.8 +1.6
AGMN	Agassiz Nation	130.33	31	P	PKPdf	20 51 49.3 +1.2
ANMO	Albuquerque	130.34	51	ePKPdf	PKPdf	20 51 50.2 +1.3
E31A	Nome	130.37	33	P	PKPdf	20 51 49.8 +1.0
LPM	Los Pinos Mount	130.42	52	ePKPdf	PKPdf	20 51 50.0 +1.0
BNM	Barren Site	130.48	52	ePKPdf	PKPdf	20 51 50.1 +0.9
D32A	Dogwood Acres,	130.48	32	P	PKPdf	20 51 50.0 +1.6
B31A	Robert and Kas	130.48	30	P	PKPdf	20 51 50.3 +1.9
F31A	Hecla	130.59	34	P	PKPdf	20 51 50.2 +1.4
C33A	Trail	130.73	31	P	PKPdf	20 51 50.4 +1.5
B34A	Aery, Baudette	130.81	30	P	PKPdf	20 51 50.8 +1.7
MHTCO	State Highway	130.83	48	ePKPdf	PKPdf	20 51 51.7 +1.9
G31A	Conde	131.00	35	P	PKPdf	20 51 51.3 +1.8
SUSD	Miller	131.02	36	P	PKPdf	20 51 51.1 +1.5
T25A	Trinidad	131.03	47	P	PKPdf	20 51 51.3 +1.2
T25A	Trinidad	131.03	47	ePKPdf	PKPdf	20 51 50.9 +0.7
D33A	AnnSam, Wauburn	131.09	32	P	PKPdf	20 51 51.1 +1.5
C34A	RKJ Ranch, Bem	131.24	31	P	PKPdf	20 51 51.4 +1.4
H31A	Wolsey	131.28	36	P	PKPdf	20 51 51.8 +1.7
B35A	Bob, Littlefor	131.24	29	P	PKPdf	20 51 51.6 +1.5
G32A	Webster	131.38	35	P	PKPdf	20 51 51.6 +1.3
E33A	Westby DABS, E	131.42	32	P	PKPdf	20 51 52.0 +1.7
D34A	Park Rapids	131.47	31	P	PKPdf	20 51 52.1 +1.7
K30A	Kaye Sheddock	131.49	44	P	PKPdf	20 51 52.5 +1.6
I31A	Royce, Wessing	131.51	37	P	PKPdf	20 51 52.3 +1.8
C35A	Jirik Farms, M	131.67	30	P	PKPdf	20 51 52.0 +1.3
F33A	5 Mile Ranch,	131.69	33	P	PKPdf	20 51 52.8 +2.0
J31A	Geddes	131.81	37	P	PKPdf	20 51 52.8 +1.6
E34A	Wadena	131.85	32	P	PKPdf	20 51 52.8 +1.7
H32A	Carlson Farm,	131.87	35	P	PKPdf	20 51 53.4 +2.2
G33A	Ortonville	132.01	34	P	PKPdf	20 51 53.3 +1.8
D35A	Remer	132.05	31	P	PKPdf	20 51 53.1 +1.6
I32A	Karley and Nic	132.13	36	P	PKPdf	20 51 53.5 +1.8
H33A	Prehn Over Nor	132.15	35	P	PKPdf	20 51 53.7 +1.9
K31A	O'Neill	132.18	38	P	PKPdf	20 51 53.2 +1.3
C36A	Pine Crest Far	132.19	29	P	PKPdf	20 51 53.1 +1.4
E35A	Pequot Lakes	132.22	31	P	PKPdf	20 51 53.5 +1.7
F34A	Alexandria	132.27	33	P	PKPdf	20 51 53.3 +1.4
MNTX	Cornudas Mount	132.28	55	P	PKPdf	20 51 54.0 +1.6
MNTX	Cornudas Mount	132.28	55	ePKPdf	PKPdf	20 51 53.1 +0.7
J32A	Parkston	132.29	37	P	PKPdf	20 51 53.0 +1.0
G34A	Benson	132.42	34	P	PKPdf	20 51 54.3 +2.1
D36A	Goodland	132.43	30	P	PKPdf	20 51 53.6 +1.4
I33A	Coleman	132.51	36	P	PKPdf	20 51 53.8 +1.3
C37A	Embarrass	132.52	29	P	PKPdf	20 51 53.8 +1.4
F35A	Swanville	132.60	32	P	PKPdf	20 51 54.4 +1.9
K32A	Verdigre	132.63	38	P	PKPdf	20 51 53.8 +1.1
EYMN	Ely	132.69	28	P	PKPdf	20 51 54.1 +1.4
EYMN	Ely	132.69	28	ePKPdf	PKPdf	20 51 53.3 +0.6
H34A	Spellman Lake,	132.71	34	P	PKPdf	20 51 54.2 +1.5
ECSD	EROS Data Cent	132.80	36	P	PKPdf	20 51 54.3 +1.3
ECSD	EROS Data Cent	132.80	36	ePKPdf	PKPdf	20 51 54.2 +1.4
ECSD	EROS Data Cent	132.80	36	ePKPdf	PKPdf	20 51 54.2 +1.4
E36A	Cotton	132.81	30	P	PKPdf	20 51 54.3 +1.3
E36A	McGregor	132.84	31	P	PKPdf	20 51 54.3 +1.3
J33A	Davis	132.85	36	P	PKPdf	20 51 54.4 +1.3
C38A	Sawbill Land,	132.96	28	P	PKPdf	20 51 54.4 +1.2
L32A	Elgin	132.98	38	P	PKPdf	20 51 54.7 +1.3
I34A	Hadley	133.05	35	P	PKPdf	20 51 54.9 +1.4
G35A	Watkins	133.06	33	P	PKPdf	20 51 55.1 +1.7
F36A	Milaca	133.14	32	P	PKPdf	20 51 55.5 +1.9
H35A	Sunnyside Ranc	133.21	34	P	PKPdf	20 51 55.3 +1.6
BGNE	Belgrade	133.22	39	P	PKPdf	20 51 55.1 +1.2
BGNE	Belgrade	133.22	39	ePKPdf	PKPdf	20 51 54.2 +0.3
E37A	Wrenshall	133.23	30	P	PKPdf	20 51 55.2 +1.6
K33A	Hardington	133.25	37	P	PKPdf	20 51 55.5 +1.6
L33A	Hoskins	133.34	38	P	PKPdf	20 51 55.6 +1.5
HPIG	HPIG	133.41	61	ePKPdf	PKPdf	20 51 55.0 +0.1
C39A	Grand Marais	133.42	27	P	PKPdf	20 51 55.8 +1.8
G36A	St. Michael	133.44	32	P	PKPdf	20 51 55.9 +1.7
J34A	George	133.46	36	P	PKPdf	20 51 55.8 +1.5
MSTX	Muleshoe	133.52	51	P	PKPdf	20 51 55.7 +0.9
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	20 51 56.2 +1.5
SCHO	comp-Z, 2.7nm, 0.8s, baz=32, slow=5.2, SNR=4.5			SKPbc	SKPbc	20 51 43.7
SCHO	comp-Z, 2.6nm, 0.6s, baz=17, slow=3.4, SNR=44			SKPbc	SKPbc	20 51 55.9 +0.6
SCHO	comp-Z, 4.7nm, 0.9s, baz=346, slow=5.2, SNR=11			SKPbc	SKPbc	20 55 08.4 -1.4
SCHO	comp-Z, 9.3nm, 1.0s, baz=156, slow=4.7, SNR=5.1			SKPbc	SKPbc	21 04 31.4 +2.7
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	20 51 43.7
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	20 51 54.8 -0.4
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	20 55 08.8 -1.1
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	21 04 31.4 +2.7
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	21 04 31.4 +2.7
SCHO	Schefferville	133.52	51	ePKPdf	PKPdf	20 51 56.0 +1.4
CBKS	Cedar Bluff	133.56	43	P	PKPdf	20 51 55.6 +1.0
CBKS	Cedar Bluff	133.56	43	P	PKPdf	20 51 55.8 +1.0
E38A	The Farm, Brul	133.62	30	P	PKPdf	20 51 56.0 +1.5
I35A	Creekview Farm	133.66	35	P	PKPdf	20 51 55.8 +1.2
F37A	Hirshs Farm,	133.70	31	P	PKPdf	20 51 56.0 +1.5
M33A	Taylor Creek F	133.73	39	P	PKPdf	20 51 56.2 +1.4
K34A	Le Mars	133.74	37	P	PKPdf	20 51 56.1 +1.4
H36A	Jessenland, He	133.78	33	P	PKPdf	20 51 56.6 +1.8
C40A	Isle Royale Na	133.79	27	P	PKPdf	20 51 56.3 +1.6
J35A	Milford	133.84	35	P	PKPdf	20 51 56.5 +1.6
F38A	Pierce - Schro	133.91	30	P	PKPdf	20 51 56.8 +1.8
SPMN	Marine on St.	133.94	32	P	PKPdf	20 51 56.9 +1.8
SPMN	Marine on St.	133.94	32	ePKPdf	PKPdf	20 51 45.0
SPMN	Marine on St.	133.94	32	ePKPdf	PKPdf	20 51 55.5 +0.4
AMTX	Marino	133.98	49	P	PKPdf	20 51 57.2 +1.6
L34A	Svensden Farm,	134.00	38	P	PKPdf	20 51 56.8 +1.6
N33A	J Bar K, Exete	134.04	40	P	PKPdf	20 51 57.1 +1.7
I36A	Fitzsimmons Fa	134.09	34	P	PKPdf	20 51 57.3 +1.9
K35A	Storm Lake	134.22	36	P	PKPdf	20 51 57.4 +1.7
E39A	Mellen	134.27	29	P	PKPdf	20 51 57.2 +1.5
H37A	Dierke Farm, C	134.32	33	P	PKPdf	20 51 57.7 +1.9
O33A	Seneca 1, Swea	134.32	40	P	PKPdf	20 51 57.2 +1.2
J36A	Seneca 1, Swea	134.35	35	P	PKPdf	20 51 57.4 +1.5
L35A	Blelow Farm, R	134.41	37	P	PKPdf	20 51 58.1 +2.0
F39A	Loretta	134.42	30	P	PKPdf	20 51 57.7 +1.8
I37A	Lemond, Waseca	134.43	33	P	PKPdf	20 51 57.9 +1.9
TX31	Lajitas Ar. Si	134.43	57	ePKPdf	PKPdf	20 51 44.7
TX31	Lajitas Ar. Si	134.43	57	ePKPdf	PKPdf	20 51 45.4
TX31	Lajitas Ar. Si	134.43	57	ePKPdf	PKPdf	20 51 59.0 +1.0
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 51 45.8
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 51 58.3
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 51 45.8
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 51 58.3 +0.3
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 55 12.6 -1.2
LTX	Lajitas	134.44	57	ePKPdf	PKPdf	20 01 24.6
TXAR	Lajitas Array	134.44	57	ePKPdf	PKPdf	20 51 45.8
TXAR	comp-Z, 1.8nm, 0.7s, baz=263, slow=1.3, SNR=11			SKPbc	SKPbc	20 51 58.3 +0.3
TXAR	comp-Z, 9.7nm, 0.8s, baz=246, slow=1.5, SNR=24			SKPbc	SKPbc	20 55 12.6 -1.2
TXAR	comp-Z, 6.0nm, 0.8s, baz=268, slow=3.8, SNR=8			SKPbc	SKPbc	21 04 24.6 +0.4
G38A	Ridgeland	134.47	31	P	PKPdf	20 51 57.9 +1.8
E40A	Wakerfield	134.59	29	P	PKPdf	20 51 58.1 +2.0
H38A	Maiden Rock	134.59	32	P	PKPdf	20 51 58.3 +2.0
D41A	Chanell	134.69	27	P	PKPdf	20 51 58.4 +2.0
M35A	Neola	134.70	38	P	PKPdf	20 51 58.4 +1.8
K36A	Gilmore City	134.72	36	P	PKPdf	20 51 58.5 +1.8
G39A	Holcombe	134.74	31	P	PKPdf	20 51 58.6 +2.0
F40A	Park Falls	134.81	29	P	PKPdf	20 51 58.6 +1.9
J37A	Redenius Farm,	134.81	34	P	PKPdf	20 51 58.5 +1.8
O34A	Beatrice	134.83	40	P	PKPdf	20 51 58.8 +1.8
L36A	Harm Buss Farm	134.93	36	P	PKPdf	20 51 58.8 +1.8
E41A	Kenton	134.96	28	P	PKPdf	20 51 58.9 +1.9
I38A	Scanlan Farm,	134.99	33	P	PKPdf	20 51 59.0 +1.9
P34A	Walnut Farm, R	135.09	41	P	PKPdf	20 51 59.4 +2.0
H39A	Augusta	135.10	31	P	PKPdf	20 51 59.5 +2.2
K37A	Belmond	135.11	35	P	PKPdf	20 51 59.2 +1.8
G40A	Rib Lake	135.24	30	P	PKPdf	20 51 59.7 +2.2
M36A	Felix, Anita	135.25	37	P	PKPdf	20 51 59.7 +2.1
O35A	Humboldt	135.27	39	P	PKPdf	20 51 59.7 +2.0
Q34A	Chapman	135.36	41	P	PKPdf	20 52 00.0 +2.1
J38A	Wedel Dairy, R	135.40	34	P	PKPdf	20 52 00.2 +2.3
F41A	Three Lakes	135.43	29	P	PKPdf	20 52 00.4 +2.5
E42A	Champion	135.46	27	P	PKPdf	20 52 00.4 +2.5
KSU1	Kansas State U	135.48	41	P	PKPdf	20 52 00.4 +2.2

**IDC 20 21:29:53.71.2.1,11S.126.61E,h0km,mb3.5/4,
mb1 3.7/5,mb1mx3.4/5,mbtmp3.6/5,ML3.6/1,MS2.8/1,
Ms1 2.8/1,ms1mx2.5/4,Error ellipse: s-maj=37.3km
s-min=21.3km az=58.0,Southern Molucca Sea**

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SJIJ	Sorong	4.66 87	Op Pn	21 31 06.9 +1.5	ISC
SJIJ		2.7mm,0.3s,baz=273,slow=17,SNR=4.9	Pn Pn	21 32 02.1 +1.9	Pn
DAV	Davao City (W)	8.20 93	LR	21 35 36.8	LR
WRA	Warramunga Arr	20.18 158	P	21 34 29.6 -0.5	P
ASAR	Alice Springs	23.51 163	P	21 35 05.5 -0.1	P
MKAR	Makanchi Array	61.49 327	P	21 40 12.4 +0.1	P
KURBB	Kurchatov Arra	65.76 329	P	21 40 40.2 -0.2	P

**ISK 20 21:30:21.1,39°45N-27°76E,h6km,ML3.0
ISCJB 20 21:30:22.5.0.4,39°46N.0.02-27°78E.0.02,h7km,3km,
Error ellipse: s-maj=3.4km s-min=3.0km az=154.7
IASPEI 20 21:30:22.6.0.8,39°44N.0.02-27°78E.0.02,h15km,5km,
Error ellipse: s-maj=3.7km s-min=3.1km az=56.7,GT5
identified by ISC bulletin GT5 identified by Bond'jr and
McLaughlin (2009) selection criteria Bond'jr and
McLaughlin, A new ground truth data set for seismic
studies, Seism. Res. Let.., 80-465-472,
2009**

**CSEM 20 21:30:22.6.0.1,39°44N-27°76E,h8km,ML3.1,Error
ellipse: s-maj=2.0km s-min=1.9km az=6.0
ATH 20 21:30:22.6.0.8,39°42N-27°77E,h28km,6km,ML2.3/3,Error
ellipse: s-maj=7.4km s-min=2.3km az=12.0
DDA 20 21:30:22.7.39.44N-27°82E,h7km,ML3.1
ISC 20 21:30:22.9.0.8,39°44N.0.02-27°77E.0.02,h15km,5km,
n109,0f80/127,Turkey**

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
STEP	BALIKESIR_Sava	0.08 211	Op Pn	21 30 25.7 +0.2	ISC
STEP	BALIKESIR_Sava	0.08 211	iS Pn	21 30 27.6 -0.3	Pn
STEP			Pg Pn	21 30 25.7 -0.2	Pn
STEP			Sg Pn	21 30 27.6 -0.3	Pn
STEP			Sg Pn	21 30 27.6 -0.3	Pn
BALB	Balikesir	0.21 23	PG Pn	21 30 27.6 -0.3	Pn
BALB	Balikesir	0.21 23	PG Pn	21 30 27.6 -0.3	Pn
BALB	Balikesir	0.21 23	PG Pn	21 30 27.6 -0.3	Pn
BALY	Balya	0.32 339	P	21 30 41.8 +0.2	P
BALY	Balya	0.32 339	P	21 30 29.8 +0.2	P
AKHS	Akhisar	0.56 176	iP Pn	21 30 33.7 -0.3	Pn
AKHS	Akhisar	0.56 176	iS Pn	21 30 41.8 +0.3	Pn
AKHS	Akhisar	0.56 176	iP Pn	21 30 33.7 -0.3	Pn
AKHS	Akhisar	0.56 176	iS Pn	21 30 41.8 +0.4	Pn
AKS	Akhisar	0.56 177	PG Pn	21 30 33.0 -1.0	Pn
AKS	Akhisar	0.56 177	PG Pn	21 30 33.0 -1.0	Pn
DST	Dursunbey	0.68 76	PG Pn	21 30 34.8 -1.3	Pn
DST	Dursunbey	0.68 76	PG Pn	21 30 34.8 -1.3	Pn
DEM1	Demirci	0.84 118	iP Pn	21 30 39.6 +0.4	Pn
DEM1	Demirci	0.84 118	iP Pn	21 30 39.6 +0.4	Pn
CUND	Cunda Adasi-Ba	0.86 263	PG Pn	21 30 38.6 -0.9	Pn
CUND	Cunda Adasi-Ba	0.86 263	PG Pn	21 30 38.6 -0.9	Pn
EDC	Edincik	0.91 5	PG Pn	21 30 39.9 -0.5	Pn
EDC	Edincik	0.91 5	PG Pn	21 30 39.9 -0.5	Pn
KOXC	Karacabey (Bur	0.94 29	PG Pn	21 30 39.9 -1.2	Pn
KOXC	Karacabey (Bur	0.94 29	PG Pn	21 30 39.9 -1.2	Pn
BAYC	CANAKKALE_Bayr	0.99 288	iP Pn	21 30 43.1 +0.8	Pn
BAYC	CANAKKALE_Bayr	0.99 288	iS Pn	21 30 54.5 -0.5	Pn
BAYC	CANAKKALE_Bayr	0.99 288	iP Pn	21 30 43.1 +0.8	Pn
BAYC	CANAKKALE_Bayr	0.99 288	iS Pn	21 30 54.5 -0.5	Pn
SIMAV	Simav-Kutahya	1.01 110	PG Pn	21 30 54.5 -0.5	Pn
SIMAV	Simav-Kutahya	1.01 110	PG Pn	21 30 54.5 -0.5	Pn
KRBG	Karabiga-Canak	1.02 339	PG Pn	21 30 42.0 -0.5	Pn
KRBG	Karabiga-Canak	1.02 339	PG Pn	21 30 42.0 -0.5	Pn
ORHL	Orhaneli	1.06 55	PG Pn	21 30 42.5 -0.8	Pn
ORHL	Orhaneli	1.06 55	PG Pn	21 30 42.5 -0.8	Pn
FO SA	Fo Sa	1.09 283	PG Pn	21 30 43.1 +0.8	Pn
FO SA	Fo Sa	1.09 283	PG Pn	21 30 43.1 +0.8	Pn
MANT	Manisa	1.13 147	iP Pn	21 30 44.3 +0.4	Pn
MANT	Manisa	1.13 147	iS Pn	21 30 57.7 -1.8	Pn
MANT	Manisa	1.13 147	iP Pn	21 30 44.3 +0.4	Pn
MANT	Manisa	1.13 147	iS Pn	21 30 57.7 -1.8	Pn
KULA	Kula-Manisa	1.16 143	PN Pn	21 30 45.2 +0.5	Pn
KULA	Kula-Manisa	1.16 143	PN Pn	21 30 45.2 +0.5	Pn
PRK	Paraskevi	1.18 261	P Pn	21 30 45.0 +0.1	Pn
PRK	Paraskevi	1.18 261	S Pn	21 31 01.3 +0.7	Pn
PRK	Paraskevi	1.18 261	P Pn	21 31 01.3 +0.7	Pn
PRK	Paraskevi	1.18 261	S Pn	21 31 02.3	Pn

**PRK comp=E.427um,0.3s
PRK comp=N.338um,0.4s
PRK comp=N.151um,0.4s
SIGR comp=E.200um,0.5s
SIGR comp=N.151um,0.4s**

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TURN	Turunc	0.29 244	PG Pn	22 04 09.2 +1.2	Pn
TURN	Turunc	0.29 244	iP Pn	22 04 08.1 +1.0	Pn
FETHY	Fethiye	0.39 161	SG Pn	22 04 05.9 -0.4	Pn
FETHY	Fethiye	0.39 161	SG Pn	22 04 11.5 -1.2	Pn
FETHY	Fethiye	0.39 161	P Pn	22 04 05.3 +0.4	Pn
FETHY	Fethiye	0.39 161	S Pn	22 04 11.6 -1.2	Pn
TAVA	DENIZLI Tavass	0.46 359	iP Pn	22 04 06.5 +0.1	Pn
TAVA	DENIZLI Tavass	0.46 359	iS Pn	22 04 13.6 +1.1	Pn
TAVA	DENIZLI Tavass	0.46 359	P Pn	22 04 06.5 +0.1	Pn
TAVA	DENIZLI Tavass	0.46 359	S Pn	22 04 13.6 +1.1	Pn
GLHS	Gilis (BURDU)	0.48 71	PG Pn	22 04 05.9 -0.9	Pn
GLHS	Gilis (BURDU)	0.48 71	PG Pn	22 04 05.9 -0.9	Pn
GOLH	Golhisar	0.56 65	iP Pn	22 04 08.4 +0.2	Pn
GOLH	Golhisar	0.56 65	iP Pn	22 04 18.0 +0.1	Pn
GOLH	Golhisar	0.56 65	P Pn	22 04 08.4 +0.2	Pn
GOLH	Golhisar	0.56 65	S Pn	22 04 18.0 +0.1	Pn
MRSB	Marmaris-Mugla	0.65 244	PG Pn	22 04 10.3 +0.4	Pn
MRSB	Marmaris-Mugla	0.65 244	PG Pn	22 04 10.3 +0.4	Pn
ELL	Elmalı	0.83 107	PG Pn	22 04 12.8 -0.5	Pn
ELL	Elmalı	0.83 107	PG Pn	22 04 12.8 -0.5	Pn
DATC	Datca-Mugla	1.04 257	PN Pn	22 04 18.2 -0.2	Pn
DATC	Datca-Mugla	1.04 257	PN Pn	22 04 18.2 -0.2	Pn
AYDN	Tasoluk	1.06 309	iP Pn	22 04 17.3 -0.5	Pn
AYDN	Tasoluk	1.06 309	iS Pn	22 04 33.6 -0.2	Pn
AYDN	Tasoluk	1.06 309	P Pn	22 04 17.3 -0.5	Pn
AYDN	Tasoluk	1.06 309	S Pn	22 04 33.6 -0.2	Pn
BRDR	BURDUR-Merkez	1.14 52	iP Pn	22 04 20.1 +0.2	Pn
BRDR	BURDUR-Merkez	1.14 52	iS Pn	22 04 37.2 +1.4	Pn
BRDR	BURDUR-Merkez	1.14 52	P Pn	22 04 20.1 +0.2	Pn
BRDR	BURDUR-Merkez	1.14 52	S Pn	22 04 37.2 +1.4	Pn
KORT	Korkuelli	1.14 90	PN Pn	22 04 37.2 +1.4	Pn
KORT	Korkuelli	1.14 90	PN Pn	22 04 37.2 +1.4	Pn
KORT	Korkuelli	1.14 90	iP Pn	22 04 20.5 +0.6	Pn
KORT	Korkuelli	1.14 90	iS Pn	22 04 38.5 +2.6	Pn
KORT	Korkuelli	1.14 90	P Pn	22 04 18.4 -0.9	Pn
KORT	Korkuelli	1.14 90	S Pn	22 04 20.5 +0.6	Pn
BODR	Bodrum	1.29 273	EPN Pn	22 04 22.7 +0.5	Pn
BODR	Bodrum	1.29 273	EPN Pn	22 04 22.7 +0.5	Pn
KHAL	Karahalli	1.44 18	iP Pn	22 04 23.9 -0.1	Pn
KHAL	Karahalli	1.44 18	iS Pn	22 04 43.9 +0.2	Pn
KHAL	Karahalli	1.44 18	P Pn	22 04 23.9 -0.1	Pn
KHAL	Karahalli	1.44 18	S Pn	22 04 43.9 +0.2	Pn
KHAL	Karahalli	1.44 18	P Pn	22 04 23.9 -0.1	Pn
KHAL	Karahalli	1.44 18	S Pn	22 04 43.9 +0.2	Pn
KULA	Kula-Manisa	1.52 352	EPN Pn	22 04 24.8 -0.3	Pn
KARP	Karpatos	2.03 225	EPN Pn	22 04 33.6 -1.1	Pn
KARP	Karpatos	2.03 225	EPN Pn	22 04 33.6 -1.1	Pn

**ISCJB 20 22:06:06.3.0.8,51°44N.0.04-16°11E.0.04,h0km,Error
ellipse: s-maj=6.1km s-min=3.4km az=14.6
CSEM 20 22:06:07.0.5.5,51°42N.0.16-14E,h2km,ML2.7/7,Error
ellipse: s-maj=8.2km s-min=4.7km az=5.0
PRU 20 22:06:08.5.51°39N.16°08E,h0km
VIE 20 22:06:11.7.1.5,51°16N.16°11E,h0km,mb2.3/2,ML2.2/4,
Error ellipse: s-maj=10.1km s-min=7.5km az=56.0,
Suspected Mining induced.**

ALN	comp=N.47um,0.4s	AML	AML	21 31 27.1
ALN	comp=E.33um,0.3s	AML	AML	21 31 27.6
ALN	Alexandroupoli	1.96 318	Pn	21 30 55.9 +0.3
ALN	Alexandroupoli	1.96 318	Pn	21 30 56.2 +0.6
ALN			S Pn	21 31 21.3 +1.3
SMTH	Samothraki Isl	2.00 302	Pn	21 30 57.1 +0.9
SMTH	Samothraki Isl	2.00 302	Pn	21 30 57.1 +0.9
KLVT	Klyvos	2.05 28	EPN Pn	21 30 57.1 +0.9
KLVT	Klyvos	2.05 28	EPN Pn	21 30 57.1 +0.9
CTYL	Yalikoy Yolu	2.07 11	EPN Pn	21 30 58.4 +1.3
CTYL	Yalikoy Yolu	2.07 11	EPN Pn	21 30 58.4 +1.3
SILT	Sile	2.23 39	EPN Pn	21 31 00.3 +1.0
SILT	Sile	2.23 39	EPN Pn	21 31 00.3 +1.0
GULT	Gulveren	2.31 64	EPN Pn	21 31 02.1 +1.3
GULT	Gulveren	2.31 64	EPN Pn	21 31 02.1 +1.3
SHUT	Suhut-Afyon	2.34 111	EPN Pn	21 31 02.4 +1.4
SHUT	Suhut-Afyon	2.34 111	EPN Pn	21 31 02.4 +1.4
EDRB	Edirne	2.52 342	EPN Pn	21 31 04.7 +1.3
EDRB	Edirne	2.52 342	EPN Pn	21 31 04.7 +1.3
MDUB	Mudurnu	2.83 68	EPN Pn	21 31 09.2 +1.6
MDUB	Mudurnu	2.83 68	EPN Pn	21 31 09.2 +1.6

**NEIC 20 21:45:22.5.0.0,43°59S-172°41E,h11km,ML4.0(W/EL),
After WEL
WEL 20 21:45:21.2,43°59S-172°41E,h12km,ML3.9/5,**

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CRZL	Canterbury Las	0.15 82	Op Pn	21 45 25.9 -0.1	ISC
CRZL	Canterbury Las	0.15 82	Op Pn	21 45 25.9 -0.1	ISC
CRZL	Canterbury Las	0.15 82	Op Pn	21 45 25.9 -0.1	ISC
CRZL	Canterbury Las	0.15 82	Op Pn	21 45 25.9 -0.1	ISC
EVCC	Eyrewell	0.18 47	S Pn	21 45 28.8 +1.5	Pn
EVCC	Eyrewell	0.18 47	S Pn	21 45 28.8 +1.5	Pn
MOZ	McQueen's Vall	0.21 122	PG Pn	21 45 26.8 -0.1	Pn
MOZ	McQueen's Vall	0.21 122	PG Pn	21 45 26.8 -0.1	Pn
MOZ	McQueen's Vall	0.21 122	PG Pn	21 45 26.8 -0.1	Pn
MOZ	McQueen's Vall	0.21 122	PG Pn	21 45 26.8 -0.1	Pn
OXZ	Oxford	0.38 315	P Pn	21 45 29.9 -0.1	Pn
OXZ	Oxford	0.38 315	P Pn	21 45 29.9 -0.1	Pn
OXZ	Oxford	0.38 315	P Pn	21 45 29.9 -0.1	Pn
OXZ	Oxford	0.38 315	P Pn	21 45 29.9 -0.1	Pn
LZT	Lake Taylor	0.82 353	P* Pn	21 45 38.3 -0.4	Pn
LZT	Lake Taylor	0.82 353	P* Pn	21 45 38.3 -0.4	Pn
RPZ	Rata Peaks	0.99 263	P Pn	21 45 41.3 +0.3	Pn
RPZ	Rata Peaks	0.99 263	P Pn	21 45 41.3 +0.3	Pn
INZ	Inchbonnie	1.12 321	P Pn	21 45 42.8 -0.0	Pn
INZ	Inchbonnie	1.12 321	P Pn	21 45 42.8 -0.0	Pn
WVZ	Waikata Valley	1.33 293	Pn Pn	21 45 43.6 +0.8	Pn
WVZ	Waikata Valley	1.33 293	Pn Pn</		

20d 22h

Table with columns: H1N1, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, MKAR, WRA. Includes station names, times, and residuals.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNA, PLCA, LPZA, YKA, ILAR, MKAR.

SJA 20 22:36:27.1±0.5, 31°57S:72°06W, h2km, 9km, ML4.0, MW5.5

GUC 20 22:36:30.0±0.5, 31°65S:72°04W, h38km, 15km, ML3.7

ISC 20 22:36:29.4±1.7, 31°67S:070°32W, h14km, n21, c28/31, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO04, TLL, PEL, RCDM, FCH, ASAL, LCO, RTVC, AGR, AMOG, AGUA, VCA, CYA, TCA, FSA.

MAN 20 22:38:26, 16.07N:120°16'E, h16km, mb3.8, ML2.6, MS2.1, Luzon

NEIC 20 22:44:09.3±0.0, 19°37'N:68°09'W, h48km, MD3.4(RSPR), After RSPR

NEIC Felt at Santo Domingo, RSPR 22:44:09.3, 19°37'N:68°09'W, h48km, 20km, MD3.4/11, 12C-14D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCZP, BOLP, ABRA, APYP, AGPR, IMPR, AOPR, CRPR, EMPR, GBRP, CELP, OBIP, SJB, CBYP, HUMP, MTP, SDDR.

2012 JAN

Table with columns: STVI, NIED, JMA, IDC, ISC. Includes station names, times, and residuals.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO, JFK, JMM, JOM, JMK, JFT, JYS, JMS, JYK, MJAR, MAT, ASAJ, USKR, H1N2, H1N1, H1N3, SONM, H1S1, H1S3, H1S2, ZALV, MKAR, ILAR, AAK, WRA, ASAR, YKA, FINES, AKASO.

MEX 20 22:47:23.9±0.3, 17°24'N:100°34'W, h5km, 4km, MD3.5, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG, CAIG, ARIG, MEIG, PLIG.

ISCJB 20 22:50:18.0±0.3, 42°60'N:02°45'62E±0.01, h1km, 3km, Error ellipse: s-maj=3.2km s-min=1.7km az=12.7

TIF 20 22:50:18.0, 42°57'N:45°62E, h13km, 1km

CSEM 20 22:50:18.0±1.0, 42°57'N:45°62E, h2km, mb4.0, Error ellipse: s-maj=2.6km s-min=1.7km az=7.0

MOS 20 22:50:18.8±1.1, 42°60'N:45°61E, h14km, mb4.0/1, Error ellipse: s-maj=6.2km s-min=4.4km az=34.7

DDA 20 22:50:19.9, 42°62'N:45°29E, h7km, ML2.6

ISC 20 22:50:18.2±1.0, 42°58'N:02°45'61E±0.01, h5km, 9km, n101, c0973/179, 13C-11D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTLR, DVE, GROG, KMGR, XNZR, VLKR, DUS, UNCR, KRNR, LACR, LACH, DBC, SEAG.

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Table with columns: SEAG, GNRB, ARKR, TBLG, BTNK, BTNR, BTKR, BTKY, BUJR, ARNR, KMKR, ZKTA, KORR, ZEI, TRKR, TRKR, STDR, MAK, LSNR, LSNR, PRTR, PRTR, DIGR, URKR, URKR, ONI, ONI, NCK, NCK, SEKA, SEKA, AKT, AKT, AKT, AKT, AKH, AKH, AKH, AKH, BGD, BGD, GANJ, GANJ, KBTC, KBTC, DRN, DRN, DVE, DVE, KSMR, KSMR, PYA1, PYA1, EPOS, EPOS, EAK, EAK, SHA1, SHA1, GNI, GNI, KIV, KIV, GOF, GOF, ARU, ARU, BRVK. Includes station names, times, and residuals.

M=0.12t; 0.03; Mw=1.07t; 0.02; Mw=1.18t; 0.03; Mw=0.08t; 0.03; Mw=1.07t; 0.02; Mw=0.17t; 0.04; Best double couple; M=1.56300x10^17 NIP=67.000000; 886.000000; lambda=175.000000; NIP2=337.000000; 885.000000; lambda=4.000000; Principal axes: T 1.4980, P1g1.0000, Azm202.0000; N 0.1360, P1g4.0000; Azm106.0000; P -1.6270, P1g6.0000; Azm292.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 20:22:50.54.5.0.3.5. N=2*12'5E, h45km, 3km, M5.3/87, Error ellipse: s-maj=4.0km s-min=2.9km az=71.0 NEIC Felt [IIVS] at General Santos, Philippines. Also felt at Surallah.

IDC 20:22:50.54.7.1.8. 4.78N, 125.27E, h68km, 16km, mb4.5/42, mb1.4/6/45, mb1mx4.6/58, mbtmp4.9/45, MS4.3/26, Ms1.4.3/26, ms1mx4.2/40, Error ellipse: s-maj=12.0km s-min=8.6km az=77.0

DJA 20:22:50.54.5.0.3.5. N=2*12'5E, h45km, 3km, M5.3/87, mb5.4/87, mb5.7/64, MLV6.0/11, Mw(mb)5.3/64, Mwp5.4/3 PAGZ 20:22:50.53.7.0.3.4.77N, 103.125.24E, 0.04, h58km, 2km, h58km; p-P, n485, e191/546, mb5.2/166, MS4.5/54, 25C-24D, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Magnitude, Op, Phase ID, Time, Res. Includes stations like SGSI Sangihe, KCP Kidapawan, DAV Davao City, etc.

Table with columns: WBSI, Waikabubak, Su, 15.45 202, P, Pn, 22 54 29.2 +1.0. Includes stations like PBKI Pangkalan Bun, BASI Baing, SRBI Singaraja, etc.

Table with columns: MBWA, Marble Bar, 26.32 192, P, P, 22 56 23.5 -0.8. Includes stations like PSI Prapat, PSI Prapat, PSI Prapat, etc.

Table with columns: AAK, comp-Z, 24nm, 1.4s, pmax, pmax, 23 00 46.2 +1.2, etc. Lists various stations and their coordinates and times.

Table with columns: COLD, comp-Z, 39nm, 0.9s, 83.52, 23, eP, P, 23 03 16.2 +1.1, etc. Lists various stations and their coordinates and times.

Table with columns: KIC, comp-Z, 39nm, 1.3s, 128.85, 282, eP, PKPdf, 23 09 56.3 +0.4, etc. Lists various stations and their coordinates and times.

DJA 20 22:56:04.7, 0.9, 0.5, S3: 12.4E, h28km, 10km, M4.6/13, mB5.1/1, mb4.7/7, MLV4.5/13, Mw(mB)4.5/1, Southern Iolucca Sea

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

ISC/JB 20 22:58:41.4, 0.4, 4.1, 94N, 0.1, 23:31E, 0.02, h5km, 3km, Error ellipse: s-maj=2.6km s-min=1.9km az=167.9

ATH 20 22:58:42.8, 4.1, 88N, 23:35E, h27km, 1km, ML3.4/9, Error ellipse: s-maj=2.8km s-min=1.9km az=81.0

SKO 20 22:58:43.3, 4.1, 94N, 23:31E, h3km, M2.8, ML3.2 DDA 20 22:59:18.2, 4.0, 55N, 26:27E, h7km, M2.5

ISC 20 22:58:42.5, 1.0, 41.94N, 0.01, 23:34E, 0.02, h9km, 7km, n213, s1913/275, 32C-27D, Greece-Bulgaria border region

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

FETY	Fethiye	0.71	43	P	Pg	00 37 12.8	-1.1	comp=Z,4um,0.3s
FETY	Fethiye				Sb	00 37 24.4	-0.5	
TURN	Turunc	0.76	8	PG	Pg	00 37 12.8	-2.0	
TURN	Turunc				Sg	00 37 23.8	-0.9	
TURN	Turunc	0.76	8	P	Pg	00 37 13.0	-1.8	
TURN	Turunc	0.76	8	P	Pg	00 37 13.0	-1.8	
TURN	Turunc				Sg	00 37 23.8	-0.9	
KSL	Kastellorizon	0.90	88	P	Pg	00 37 17.4	0.0	
KSL	Kastellorizon				S	00 37 33.2	+0.8	
KSL	Kastellorizon				AML	00 37 34.9		
KSL	Kastellorizon	0.90	88	P	Pg	00 37 38.7		
KSL	Kastellorizon				S	00 37 17.4	0.0	
KSL	Kastellorizon				Pn	00 37 31.9	-0.5	
KSL	Kastellorizon				Sb	00 37 18.0	-0.1	
KSL	Kastellorizon				Sn	00 37 31.9	-0.5	
DATC	Data-Mugla	0.92	84	ePG	Pg	00 37 17.5	-0.3	
DATC	Data-Mugla				Pg	00 37 17.5	-0.3	
KARP	Karpathos	1.21	242	ePN	Pg	00 37 23.6	0.0	
KARP	Karpathos				Pg	00 37 22.0	-1.4	
KARP	Karpathos				Pg	00 37 23.6	0.0	
KARP	Karpathos				Pn	00 37 23.6	-0.6	
BDRM	Kayabasi	1.26	319	iP	Sn	00 37 41.5	+0.1	
BDRM	Kayabasi				Sn	00 37 23.6	-0.6	
BDRM	Kayabasi	1.26	319	P	Pn	00 37 41.5	+0.1	
BDRM	Kayabasi				Pn	00 37 23.6	-0.6	
BDRM	Kayabasi				Pn	00 37 41.5	+0.1	
BDRM	Kayabasi				Pn	00 37 23.6	-0.6	
ELL	Elmalı	1.31	61	ePN	Pg	00 37 25.3	-1.0	
GLHS	Gilhisar (BURDU)	1.32	38	ePN	Pn	00 37 24.2	-1.0	
GLHS	Gilhisar (BURDU)				Pn	00 37 24.2	-1.0	
BODT	Bodrum	1.33	315	ePN	Pn	00 37 25.2	0.0	
BODT	Bodrum				Pn	00 37 25.2	0.0	
BODT	Bodrum	1.33	315	P	Sn	00 37 43.6	+0.5	
BODT	Bodrum				Sn	00 37 25.0	-0.2	
BODT	Bodrum				Sn	00 37 43.6	+0.5	
TAVA	DENIZLI_Tavas	1.39	14	iP	Pn	00 37 25.7	-0.4	
TAVA	DENIZLI_Tavas				Sg	00 37 47.1	+2.2	
TAVA	DENIZLI_Tavas	1.39	14	P	S	00 37 47.1	+2.2	
TAVA	DENIZLI_Tavas				Sg	00 37 47.1	+2.2	
YKAV	Yalikavak-Bodr	1.39	317	ePN	Pn	00 37 26.2	+0.2	
YKAV	Yalikavak-Bodr				Pn	00 37 26.2	+0.2	
GOLH	Golhisar	1.42	38	iP	Pn	00 37 25.9	-0.6	
GOLH	Golhisar				Pg	00 37 25.9	-0.6	
GOLH	Golhisar	1.42	38	P	Pn	00 37 25.9	-0.6	
GOLH	Golhisar				Pg	00 37 25.9	-0.6	
AYDN	Tasoluk	1.61	343	iP	Sg	00 37 48.2	+2.5	
AYDN	Tasoluk				Sg	00 37 30.3	0.0	
AYDN	Tasoluk	1.61	343	P	Pn	00 37 48.2	+2.5	
AYDN	Tasoluk				Pn	00 37 30.3	0.0	
DENT	Denizli	1.69	15	ePN	Pn	00 37 30.6	+0.4	
DENT	Denizli				Pn	00 37 30.6	+0.4	
KORT	Korkueli	1.75	59	ePN	Pn	00 37 31.6	+0.6	
KORT	Korkueli				Pb	00 37 31.8	-0.8	
KORT	Korkueli	1.75	59	P	Pn	00 37 31.6	+0.6	
KORT	Korkueli				Pn	00 37 31.6	+0.6	
GCAM	G?zelcaml?	1.87	328	ePN	Pn	00 37 33.0	+0.5	
GCAM	G?zelcaml?				Pn	00 37 33.0	+0.5	
GCAM	G?zelcaml?	1.87	328	P	Pn	00 37 33.0	+0.5	
GCAM	G?zelcaml?				Pn	00 37 33.0	+0.5	
ANTB	Antalya	1.92	65	ePN	Pn	00 37 33.9	+0.6	
ANTB	Antalya				Pn	00 37 33.9	+0.6	
BRDR	BURDUR-Merkez	2.02	38	P	Pn	00 37 35.3	+0.6	
BRDR	BURDUR-Merkez				Pn	00 37 35.3	+0.6	
SMG	Samos	2.06	321	P	Pn	00 37 35.5	+0.3	
SMG	Samos				Pn	00 37 35.5	+0.3	
SMG	Samos	2.06	321	P	Pn	00 37 35.5	+0.3	
SMG	Samos				Pn	00 37 35.5	+0.3	
ZKR	Zakros	2.10	242	P	Pb	00 37 37.9	-0.6	
ZKR	Zakros				Pb	00 37 37.9	-0.6	
ZKR	Zakros	2.10	242	P	Pb	00 37 37.9	-0.6	
ZKR	Zakros				Pb	00 37 37.9	-0.6	
ISP	Isparta	2.36	43	ePN	Pn	00 37 39.1	-0.4	
ISP	Isparta				Pn	00 37 39.1	-0.4	
MANT	Manisa	2.37	2	iP	Pn	00 37 39.2	-0.4	
MANT	Manisa				Pn	00 37 39.2	-0.4	
MANT	Manisa	2.37	2	P	Pn	00 37 39.2	-0.4	
MANT	Manisa				Pn	00 37 39.2	-0.4	
KHAL	Karahalli	2.39	20	iP	Sb	00 37 39.3	-0.5	
KHAL	Karahalli				Sb	00 37 39.3	-0.5	
KHAL	Karahalli	2.39	20	P	Sb	00 37 39.3	-0.5	
KHAL	Karahalli				Sb	00 37 39.3	-0.5	
KULA	Kula-Manisa	2.40	3	ePN	Pn	00 37 40.4	+0.5	
KULA	Kula-Manisa				Pn	00 37 40.4	+0.5	
KULA	Kula-Manisa	2.40	3	P	Pn	00 37 40.4	+0.5	
KULA	Kula-Manisa				Pn	00 37 40.4	+0.5	
SUTC	Sutluce-Ispart	2.44	55	ePN	Pn	00 37 41.1	+0.6	
SUTC	Sutluce-Ispart				Pn	00 37 41.1	+0.6	
SUTC	Sutluce-Ispart	2.44	55	P	Pn	00 37 41.1	+0.6	
SUTC	Sutluce-Ispart				Pn	00 37 41.1	+0.6	
NPS	Neapolis	2.48	251	P	Pn	00 37 41.9	+0.9	
NPS	Neapolis				Pn	00 37 41.9	+0.9	
NPS	Neapolis	2.48	251	P	Pn	00 37 41.9	+0.9	
NPS	Neapolis				Pn	00 37 41.9	+0.9	
APE	Apeiranthos	2.55	293	ePN	Pn	00 37 42.9	+0.9	
APE	Apeiranthos				Pn	00 37 42.9	+0.9	
APE	Apeiranthos	2.55	293	P	Pn	00 37 42.9	+0.9	
APE	Apeiranthos				Pn	00 37 42.9	+0.9	
KEPZ	Antalya-Kepez	2.64	72	iP	Pn	00 37 43.7	+0.5	
KEPZ	Antalya-Kepez				Pn	00 37 43.7	+0.5	
URLA	Izmir	2.69	327	ePN	Pn	00 37 44.3	+0.3	
URLA	Izmir				Pn	00 37 44.3	+0.3	
URLA	Izmir	2.69	327	P	Pn	00 37 44.3	+0.3	
URLA	Izmir				Pn	00 37 44.3	+0.3	
AKHS	Akhisar	2.81	349	P	Pn	00 37 45.5	0.0	
AKHS	Akhisar				Pn	00 37 45.5	0.0	
AKHS	Akhisar	2.81	349	P	Pn	00 37 45.5	0.0	
AKHS	Akhisar				Pn	00 37 45.5	0.0	
DEMI	Demirci	2.92	4	iP	Pn	00 37 47.0	-0.2	
DEMI	Demirci				Pn	00 37 47.0	-0.2	
DEMI	Demirci	2.92	4	P	Pn	00 37 47.0	-0.2	
DEMI	Demirci				Pn	00 37 47.0	-0.2	
SHUT	Suhut-Afyon	2.94	34	ePN	Pn	00 37 47.3	-0.1	
SHUT	Suhut-Afyon				Pn	00 37 47.3	-0.1	
SHUT	Suhut-Afyon	2.94	34	P	Pn	00 37 47.3	-0.1	
SHUT	Suhut-Afyon				Pn	00 37 47.3	-0.1	
CHOS	Chios island	2.98	320	P	Pn	00 37 48.7	+0.8	
CHOS	Chios island				Pn	00 37 48.7	+0.8	
CHOS	Chios island	2.98	320	P	Pn	00 37 48.7	+0.8	
CHOS	Chios island				Pn	00 37 48.7	+0.8	
CHOS	Chios island	2.98	320	P	Pn	00 37 48.7	+0.8	
CHOS	Chios island				Pn	00 37 48.7	+0.8	
SIMA	Simav-Kutahya	2.99	8	ePN	Pn	00 37 48.2	+0.2	
SIMA	Simav-Kutahya				Pn	00 37 48.2	+0.2	
SIMA	Simav-Kutahya	2.99	8	P	Pn	00 37 48.2	+0.2	
SIMA	Simav-Kutahya				Pn	00 37 48.2	+0.2	
GEDZ	Gezici	3.01	14	ePN	Pn	00 37 49.5	+1.1	
GEDZ	Gezici				Pn	00 37 49.5	+1.1	
GEDZ	Gezici	3.01	14	P	Pn	00 37 49.5	+1.1	
GEDZ	Gezici				Pn	00 37 49.5	+1.1	
DOGMA	KONYA_Doganhis	3.23	51	iP	Pn	00 37 51.9	+0.4	
DOGMA	KONYA_Doganhis				Pn	00 37 51.9	+0.4	
DOGMA	KONYA_Doganhis	3.23	51	P	Pn	00 37 51.9	+0.4	
DOGMA	KONYA_Doganhis				Pn	00 37 51.9	+0.4	
STEP	BALIKESIR_Sava	3.31	350	iP	Pn	00 37 53.6	+1.2	
STEP	BALIKESIR_Sava				Pn	00 38 34.0	+2.0	
STEP	BALIKESIR_Sava	3.31	350	P	Pn	00 37 53.6	+1.2	
STEP	BALIKESIR_Sava				Pn	00 38 34.0	+2.0	
TVSB	Tavsanli	3.42	13	ePN	Pn	00 37 54.6	+0.7	
TVSB	Tavsanli				Pn	00 37 54.6	+0.7	
TVSB	Tavsanli	3.42	13	P	Pn	00 37 54.6	+0.7	
TVSB	Tavsanli				Pn	00 37 54.6	+0.7	
PRK	Paraskevi	3.58	331	P	Pn	00 37 56.7	+0.7	
PRK	Paraskevi				Pn	00 37 56.7	+0.7	
PRK	Paraskevi	3.58	331	P	Pn	00 37 56.7	+0.7	
PRK	Paraskevi				Pn	00 37 56.7	+0.7	
KONT	Konya-Tatoy	3.60	58	ePN	Pn	00 37 56.8	+0.3	
KONT	Konya-Tatoy				Pn	00 37 56.8	+0.3	
KONT	Konya-Tatoy	3.60	58	P	Pn	00 37 56.8	+0.3	
KONT	Konya-Tatoy				Pn	00 37 56.8	+0.3	
LIA	Limnos Island	4.58	326	P	Pn	00 38 10.8	+1.0	
LIA	Limnos Island				Pn	00 38 10.8	+1.0	
LIA	Limnos Island	4.58	326	P	Pn	00 38 10.8	+1.0	
LIA	Limnos Island				Pn	00 38 10.8	+1.0	
ALN	Alexandroupoli	5.14	339	P	Pn	00 38 18.2	+0.7	
ALN	Alexandroupoli				Pn	00 38 18.2	+0.7	
ALN	Alexandroupoli	5.14	339	P	Pn	00 38 18.2	+0.7	
ALN	Alexandroupoli				Pn	00 38 18.2	+0.7	

ECAT	Cat-ERZURUM	0.64	241	iP	Pg	00 45 22.9	-1.0	comp=Z,4um,0.3s
ECAT	Cat-ERZURUM				Sb	00 45 13.2	-1.1	
ECAT	Cat-ERZURUM	0.64	241	P	Pg	00 45 22.9	-1.0	
ECAT	Cat-ERZURUM				Sb	00 45 13.2	-1.1	
ECAT	Cat-ERZURUM	0.64	241	P	Pg	00 45 23.0	-1.0	
ECAT	Cat-ERZURUM				Sb	00 45 13.2	-1.1	
ECAT	Cat-ERZURUM	0.64	241	P	Pg	00 45 23.0	-1.0	
ECAT	Cat-ERZURUM				Sb	00 45 13.2	-1.1	
EKAR	Karacaban	0.72	157	iP	Pg	00 45 15.0	-0.7	
EKAR	Karacaban				Pg	00 45 26.1	-0.2	
EKAR	Karacaban	0.72	157	P	Pg	00 45 15.0	-0.7	
EKAR	Karacaban				Pg	00 45 26.1	-0.2	
EKAR	Karacaban	0.72	157	P	Pn	00 45 15.0	-0.7	
EKAR	Karacaban				Pn	00 45 26.1	-0.2	
SENK	Senkaya-Erzuru	0.81	38	PG	Pg	00 45 16.1	-1.5	
SENK	Senkaya-Erzuru				Pg	00 45 27.6	-1.4	
SENK	Senkaya-Erzuru	0.81	38	P	Pg	00 45 16.1	-1.5	
SENK	Senkaya-Erzuru							

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like West Tongariro, Taurewa, Otutere, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like EPP Etapalio, EPP Etapalio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VLS Valsamata, VLS Valsamata, etc.

DJA 21 01:28:21.41.2, 1°S, 4.12°E, h11km, gkm, M3.7/6, ML3.7/6, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like APSI Ampana, TTSI Tana Toraja, etc.

ISC/JB 21 01:48:48.51.0.26, 90S, 0:08, 177.6W, 0.2, h150km, mb4.1/7, Error ellipse: s-maj=20.7km s-min=10.9km az=165.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RLS Riols of Patr, RLS Riols of Patr, etc.

NEIC 21 01:48:50.2.1.7, 26.97S, 177.60W, h157km, 13km, mb4.2/2, Error ellipse: s-maj=24.2km s-min=14.7km az=215.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RAO Raoul Island, RAO Raoul Island, etc.

ISC 21 01:48:49.5.0.9, 26.9S, 0:1, 177.6W, 0.2, h150km, n13, e093/14, mb4.1/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RAO Raoul Island, RAO Raoul Island, etc.

ISC/JB 21 01:55:02.0.0.1, 38.38N, 0:01, 21.86E, 0.02, h9km, 2km, mb3.5/2, Error ellipse: s-maj=2.6km s-min=2.6km az=110.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GUR Gaura, GUR Gaura, etc.

NEIC 21 02:18:30.0.0.0, 17.03N, 61.47W, h16km, MD4.0 (TRN), After TRN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SEG Port Louis, SEG Port Louis, etc.

ISC/JB 21 01:55:02.0.0.2, 38.38N, 0:01, 21.86E, 0.02, h9km, 2km, mb3.5/2, Error ellipse: s-maj=2.6km s-min=2.6km az=110.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ATH 21 01:55:01.6, 38.38N, 21.86E, h16km, ML3.1/9, Error ellipse: s-maj=1.0km s-min=0.6km az=165.0

ISC 21 01:55:02.0.0.1, 38.38N, 21.86E, h5km, ML3.1, Error ellipse: s-maj=2.8km s-min=2.4km az=84.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VLS Valsamata, VLS Valsamata, etc.

NEIC 21 02:18:30.0.0.0, 17.03N, 61.47W, h16km, MD4.0 (TRN), After TRN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SEG Port Louis, SEG Port Louis, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KIEV, AK11, BR11, BRTR, YKA, NOA, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ILAR, ILAR, ILB, CAHL, ISLE, OHAK, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KSRS, JCJ, WHN, WHN, MJAR, etc.

ISCJBJ 21 05:49:55.9, 0.2, 61.30N, 150.63W, 0.04, h79km, 3km, mb3.9/9, Error ellipse: s-maj=4.4km s-min=2.8km az=151.8

BUI 21 05:49:58.4, 25.70N, 128.48E, h6km, mb4.6/4, mb4.7/36, Ms4.5/47, Ms7.4/36

GYA Guiyang 19.50 276 P Pn 05 54 31.4 -1.2

NEIC 21 05:49:56.1, 2.2, 61.41N, 150.81W, h55km, 19km, mb3.7/9, mb1.3/8, mb1mx3.5/6.3, mbmp3.9/13, ML3.6/2, MS2.8/2, Ms1.2/9.2, ms1mx2.5/4.2, Error ellipse: s-maj=6.4km s-min=15.0km az=116.0

NEIC 21 05:50:02.8, 1.2, 25.90N, 128.31E, h8km, 7km, mb4.8/35, Error ellipse: s-maj=5.4km s-min=3.9km az=116.0

ERM Erimo 20.12 34 i P Pn 05 54 37.4 -2.2

NEIC 21 05:49:57.9, 0.0, 61.30N, 150.68W, h60km, ML3.6(AEIC), After AftC.

NEIC 21 05:50:02.0, 0.7, 25.89N, 128.36E, 0.03, h25km, 4km, mb4.7/83, MS4.1/13, Error ellipse: s-maj=4.8km s-min=3.3km az=143.7

HHC Hu-ho-hao-te 20.40 321 e P Pn 05 54 40.8 -2.2

NEIC 21 05:49:56.7, 0.6, 61.28N, 150.66W, 0.03, h65km, 5km, n91, i125/111, mb4.2/9, Southern Alaska

JMA 21 05:50:05.2, 0.3, 26.00N, 128.41E, h50km, 5km, M4.5 JMA Feit I/J

HHC 21 05:49:57.1, 1.2, 25.96N, 128.28E, h53km, mb4.9/44, Error ellipse: s-maj=10.3km s-min=5.3km az=108.4

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SUA, FIB, VOGL, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JTT2, JNT2, JOW, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CD2, KMI, LZH, etc.

Table with columns: CHTO, Chiang Mai, 28.10 261, eP, P, 05 55 55.6+0.3. Includes various station names like Chiang Mai, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: ASAR, Alice Springs, 49.61 173, P, P, 05 58 54.9+0.3. Includes various station names like Alice Springs, Alice Springs, Karatay Arr, etc.

Table with columns: BR131, Keskin Array S, 77.32 308, eP, P, 06 01 58.7+0.8. Includes various station names like Keskin Array S, Keskin Array B, SORM Soroqa, etc.

21d 7h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for AAK, KK31, etc.

IDC 21 06:39:10.5:1.0, 25:90N:128:38E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/38, mbtmp3.7/8, MS3.5/8, Ms1 3.5/8, ms1mx3.1/46, Error ellipse: s-maj=48.1km s-min=19.1km az=68.0

ISCJB 21 06:39:12.1:1.0, 25:91N:0:04:128:59E:0:05, h26km, 7km, mb3.6/8, MS3.5/6, Error ellipse: s-maj=8.0km s-min=7.4km az=151.8

JMA 21 06:39:12.2:0.3, 25:88N:128:54E, h43km, M3.4, ISC 21 06:39:12.0:1.1, 25:92N:0:06:128:56E:0:05, h14km, 10km, n2.4, r15/10/25, mb3.6/8, MS3.5/6, Ryukyus Islands

Main table for 21d 7h section, listing various stations like JYT2, JNT2, JINTH, etc., with their respective codes, station names, and coordinates.

ISCJB 21 06:46:56.0:0.5, 50:25N:0:04:18:71E:0:03, h0km, Error ellipse: s-maj=5.1km s-min=2.4km az=2.3

CSEM 21 06:46:56.0:0.3, 50:27N:18:70E, h2km, ML2.5/6, Error ellipse: s-maj=6.9km s-min=3.1km az=8.0

IPCC 21 06:46:56.3:1.9, 50:29N:18:80E, h0km, ML1.3/3, Error ellipse: s-maj=23.2km s-min=10.9km az=166.0

PRU 21 06:46:57.7:0.5, 24N:18:75E, h0km, WAR 21 06:46:57.1, 50:27N:18:83E, h1km, Mw2.5, ISC 21 06:46:56.8:0.8, 50:24N:0:03:18:77E:0:02, h0km, n3.0, r0572/54, Poland

Main table for 21d 7h section, listing stations like CHZP, OKC, OJC, etc., with their respective codes, station names, and coordinates.

CSEM 21 07:04:27.7:0.2, 67:20N:20:73E, h2km, ML1.1, Error ellipse: s-maj=6.6km s-min=4.0km az=65.0, Mining explosion.

UPP 21 07:04:28.2:67:17N:20:67E, h0km, ML1.1, Suspected Mining explosion.

HEL 21 07:04:28.8:0.0, 67:17N:20:65E, h0km, ML1.4, ML1.1(UPP), Explosion, Sweden

2012 JAN

Main table for 2012 JAN section, listing stations like DUNU, RATU, KUA, etc., with their respective codes, station names, and coordinates.

ISC 21 07:05:18.1, 38:47N:43:79E, h9km, ML2.4, CLDR 21 07:05:19.5:1.2, 38:48N:0:05:43:74E:0:08, h13km, 7km, Error ellipse: s-maj=11.0km s-min=6.8km az=22.7

CSEM 21 07:05:19.2:0.3, 38:49N:43:74E, h12km, MD2.6, Error ellipse: s-maj=6.9km s-min=4.7km az=93.0

DDA 21 07:05:20.6, 38:58N:43:69E, h7km, M2.6, ISC 21 07:05:19.5:1.4, 38:50N:0:04:43:69E:0:05, h15km, 10km, n17, r0538/26, Turkey

Main table for 2012 JAN section, listing stations like TVAN, VNB, VMB, etc., with their respective codes, station names, and coordinates.

IDC 21 07:10:58.4:0.9, 12:92N:93:14E, h0km, mb4.0/1, mb1 4.2/12, mb1mx3.9/46, mbtmp4.0/12, ML4.4/1, MS3.3/5, Ms1 3.3/5, ms1mx2.9/52, Error ellipse: s-maj=32.1km s-min=16.7km az=59.0

ISCJB 21 07:11:01.4:0.6, 12:92N:0:07:93:21E:0:06, h32km, mb4.1/16, MS3.3/4, Error ellipse: s-maj=10.6km s-min=7.8km az=16.4

NEIC 21 07:11:05.7:1.6, 12:98N:93:28E, h54km, 12km, mb4.4/7, Error ellipse: s-maj=14.3km s-min=6.6km az=54.0

ISC 21 07:11:03.5:0.7, 13:11N:0:1:93:10E:0:06, h32km, n52, r1576/53, mb4.0/16, MS3.3/4, Andaman Islands region

Main table for 2012 JAN section, listing stations like DGPR, PBA, SRDT, etc., with their respective codes, station names, and coordinates.

970

Table for 970 section, listing stations like MJAR, JCJ, WRA, etc., with their respective codes, station names, and coordinates.

CSEM 21 07:12:36.7:0.2, 38:73N:43:45E, h12km, ML2.5, Error ellipse: s-maj=7.0km s-min=4.2km az=107.0

DDA 21 07:12:37.0, 38:72N:43:43E, h7km, ML2.8, ISK 21 07:12:36.0, 38:73N:43:38E, h20km, ML2.5, ISCJB 21 07:12:37.2:0.5, 38:74N:0:03:43:42E:0:05, h13km, n24, Error ellipse: s-maj=6.3km s-min=3.6km az=15.9

ISC 21 07:12:36.7:0.3, 38:73N:0:02:43:44E:0:04, h13km, n24, r0564/35, Turkey

Main table for 970 section, listing stations like VNB, TVAN, VMB, etc., with their respective codes, station names, and coordinates.

MEX 21 07:21:07.7:0.6, 17:65N:97:11W, h74km, 7km, MD3.7, Oaxaca

Table for MEX section, listing stations like VHO, VPIG, etc., with their respective codes, station names, and coordinates.

MAN 21 07:22:20.11:36N:126:15E, h47km, mb4.2, ML3.0, MS2.8, 1D, Philippine Islands region

Table for MAN section, listing stations like BESP, PLO, etc., with their respective codes, station names, and coordinates.

ISCJB 21 07:27:24.4:0.3, 1:17S:0:03:101:42E:0:04, h196km, 3km, mb4.2/30, Error ellipse: s-maj=7.4km s-min=4.2km az=146.1

NEIC 21 07:27:25.7:0.4, 1:05S:101:64E, h188km, 3km, mb4.5/18, Error ellipse: s-maj=9.8km s-min=4.0km az=57.0

DJA 21 07:27:25.7:0.3, 1:52S:101:1E, h181km, 4km, M4.6/15, mb4.9/7, mb5.2/7, ML4.5/15, Mw(19)4.7/7

KLM 21 07:27:25.4:1.21S:101:5E, h20km, mb4.4, IDC 21 07:27:26.6:2.3, 0:90S:101:76E, h193km, 22km, mb3.8/14, mb1 3.8/16, mb1mx3.5/60, mbtmp4.3/16, Error ellipse: s-maj=20.5km s-min=9.3km az=55.0

ISC 21 07:27:25.2:0.7, 1:11S:0:04:101:42E:0:05, h183km, 6km, n87, r138/97, mb4.2/30, 2C-3D, Southern Sumatra

Main table for 970 section, listing stations like SRSI, BANG, etc., with their respective codes, station names, and coordinates.

21d 12h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like AFDM Forest Hills D, LVZ Lovozero, WVOR Wild Horse Val, etc.

2021 JAN

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like LDFC Landfair, OBN Obninsk, IKP In-Ko-Pah, etc.

976

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ULM comp=Z,3.0nm,0.8s, SDCO Great Sand Dun, AKASG Main Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KSH Kashi, etc.

DJA 21 13:26:11.9, 1.6, 3.1N, 9.4E, 2.7, h36km, 103km, M4.2/6, mb4.9/1, mb4.6/1, MLV4.0/6, Mw(mb)4.1/1, Off west coast of northern Sumatra

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

SJA 21 13:27:10.8, 0.4, 31.87S, 69.11W, h29km, 7km, ML4.7, MW4.4, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTSC Cerro Valdivia, RTVC ASAL, ASAL, etc.

CSEM 21 13:30:08.0, 0.7, 49.88N, 18.55E, h1km, Error ellipse: s-maj=15.5km s-min=5.1km az=28.0

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

CSEM 21 13:31:48.9, 0.2, 49.84N, 18.51E, h1km, ML2.6/6, Error ellipse: s-maj=4.8km s-min=2.4km az=9.0

IPEC 21 13:31:49.1, 0.2, 49.85N, 18.57E, h0km, 4km, ML1.6/3, 3D, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0

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

IDC 21 13:32:19.1, 1.9, 36.57N, 141.35E, h0km, mb3.4/3, mb1.3/5, mb1mx3.3/2, mbtm3.3/5, ML3.4/2, Error ellipse: s-maj=34.5km s-min=27.8km az=72.0

az=26.6 JMA 21 13:32:24.6, 0.1, 36.73N, 141.12E, h43km, 1km, M3.7 JMA Felt J1, ISC 21 13:32:21.3, 1.9, 36.69N, 0.05:141.29E, 0.08, h17km, 10km, n21, c0.94/23, mb3.3/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JHO Kawauchi, etc.

SJA 21 13:48:28.3, 0.3, 24.16S, 66.85W, h206km, 5km, ML2.8, MW3.3, ISC/JB 21 13:48:29.8, 0.5, 24.13S, 0.06:66.95W, 0.05, h181km, Error ellipse: s-maj=9.5km s-min=4.0km az=38.7

GUC 21 13:48:30.4, 0.4, 23.81S, 67.39W, h253km, 12km, ML4.4, ISC 21 13:48:29.9, 1.2, 24.15S, 0.06:66.92W, 0.05, h181km, n16, r121/27, 7C, Salta Province

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

ISC/JB 21 13:53:11.0, 0.7, 36.20N, 0.10:137.18E, 0.09, h270km, 5km, mb3.0/2, Error ellipse: s-maj=16.0km s-min=9.3km az=154.1

JMA 21 13:53:11.8, 0.2, 36.15N, 137.18E, h265km, 2km, M2.6, IDC 21 13:53:12.8, 0.9, 36.15N, 137.73E, h270km, 9km, mb2.8/2, mb1.3/1.3, mb1mx2.6/4.1, mbtm3.6/3, Error ellipse: s-maj=45.1km s-min=24.0km az=80.0

ISC 21 13:53:11.7, 1.2, 36.22N, 0.1, 137.21E, 0.07, h266km, 6km, n21, c1.06/27, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JGN Niukaw, JKG Kiaga, JNG Nsakai, etc.

DDA 21 14:01:24.7, 4.1, 29N, 33.15E, h7km, ML2.9, ISC 21 14:01:24.1, 4.1, 29N, 33.22E, h5km, ML2.7, CSEM 21 14:01:25.1, 0.1, 4.1, 29N, 33.15E, h2km, ML2.9, Error ellipse: s-maj=3.3km s-min=2.7km az=15.0

ISC 21 14:01:24.9, 1.2, 41.29N, 0.03:33.15E, 0.02, h6km, 11km, n31, c0.55/41, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILGA Ilgaz, KAST KASTAMONU, KAST KASTAMONU, etc.

IDC 21 14:16:34.6, 1.1, 3.34S, 146.46E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.8/35, mbtm3.9/9, ML1.7/1, MS3.4/11, Ms1.3/4/11, mb1mx3.2/31, Error ellipse: s-maj=37.8km s-min=19.0km az=106.0

ISC/JB 21 14:16:36.2, 0.8, 3.35S, 0.09:146.4E, 0.2, h20km, mb3.8/7, MS3.5/8, Error ellipse: s-maj=25.8km s-min=13.1km az=5.3

ISC 21 14:16:37.9, 0.9, 3.35S, 0.1:146.4E, 0.2, h20km, n17, c0.64/10, mb3.8/7, MS3.5/8, Bismark Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, HNR Honiara, GUMO Guam, etc.

ISC 21 14:18:57.1, 39.69N, 29.45E, h5km, ML2.7, ISC/JB 21 14:18:58.6, 0.4, 39.69N, 0.03:29.43E, 0.05, h0km, Error ellipse: s-maj=3.2km s-min=2.7km az=178.3

CSEM 21 14:18:58.8, 0.1, 39.68N, 29.45E, h2km, ML2.7, Error ellipse: s-maj=4.0km s-min=3.4km az=97.0, Suspected Mining explosion, DDA 21 14:18:58.6, 39.68N, 29.44E, h7km, ML2.6, Suspected Mining explosion, ISC 21 14:18:58.8, 0.8, 39.69N, 0.02:29.44E, 0.03, h0km, n39, c0.53/45, Turkey

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

SOME 21 14:24:02.7, 45.65N, 85.42E, h20km, NNC 21 14:24:04.3, 3.1, 45.98N, 85.43E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=24.2km s-min=16.0km az=70.0

21d 16h

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

ISCJB 21 14:25:43.70.9, 31.333S:0'03.68'63W:0'06, h109km, 8km, Error ellipse: s-maj=8.7km s-min=5.6km az=173.9

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

ISC 21 14:33:31.6:2.9, 6:15S:128.84E, h216km, 39km, mb2.8/1, mb1 3.1/5, mb1mx2.7/44, mbtmpp3.6/5, MS3.0/1, Ms1 3.0/1, ms1mx2.4/11, Error ellipse: s-maj=59.2km s-min=17.0km az=84.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sorong, Fitzroy Crossi, Warramunga Arr, etc.

NNC 21 14:36:31.5:5.4, 45'12N:84'74E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=44.6km s-min=21.5km az=91.0

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

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Table with columns: KPKS, SATY, SATY, KURBB, KURK, KPKS. Includes station names and coordinates.

NEIC 21 14:38:19.6:0.6, 5:32S:151'60E, h35km, mb4.2/1, Error ellipse: s-maj=25.3km s-min=9.8km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Honiara, Charters Tower, etc.

ISC 21 14:38:21.9:0.8, 5:55S:151'6E:0'2, h57km, n25, c098/23, mb4.1/14, MS3.3/8, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Fitzroy Crossi, Davao City (W), Chiang Mai Arr, etc.

ISCJB 21 14:54:41.8:1.3, 9'74N:0'05:122'10E:0'06, h17km, 10km, mb3.6/3, Error ellipse: s-maj=10.3km s-min=6.7km az=152.4

ISC 21 14:54:41.7:1.9, 9'17N:121'39E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/33, mbtmpp3.5/3, Error ellipse: s-maj=251.3km s-min=27.2km az=62.0

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

MAN 21 15:26:05.9:51N:126'66E, h1km, mb4.5, ML3.4, MS3.3, Mindanao

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

Table with columns: ASAR, FITZ, ILAR, ASAR, Alice Springs, Fitzroy Crossi, Eielson Array, etc.

ISC 21 15:38:50.1, 37'33N:30'48E, h17km, MD2.4, CSEM 21 15:38:51.7:0.3, 37'29N:30'56E, h15km, MD2.4, Error ellipse: s-maj=6.9km s-min=4.8km az=132.0

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

DJA 21 15:42:34.5:0.7, 1'S:6'12'E:1'1, h26km, 16km, M3.5/6, ML3.5/6

ISCJB 21 15:42:35.1:0.9, 1'47S:0'06:126'38E:0'07, h33km, mb3.4/1, Error ellipse: s-maj=11.3km s-min=6.1km az=41.3

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

SJA 21 15:44:45.1:0.5, 31'50S:68'32W, h20km, 7km, ML3.3, MW3.6, San Juan Province

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

CSEM 21 15:47:57.2:0.3, 36'85N:27'57E, h2km, ML2.7, Error ellipse: s-maj=7.1km s-min=2.5km az=26.0, Suspected Mining explosion.

ISC 21 15:47:59.1, 36'99N:27'46E, h4km, ML3.0, DDA 21 15:48:00.7, 37'05N:27'48E, h8km, ML2.7, Suspected Mining explosion.

ISC 21 15:47:54.9:2.4, 36.79N:0'09:27'51E:0'06, h7km, 16km, n17, c038/29, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Datca-Mugla, Kayabasi, Bodrum, etc.

MAN 21 15:56:35, 17'59N:121'28E, h47km, mb4.2, ML3.0, MS2.7, 1D, Luzon

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

NNC 21 16:05:31.9:3.7, 45'71N:84'91E, h0km, mb3.1, mpv2.6, Error ellipse: s-maj=32.6km s-min=25.2km az=76.0

M00.0.24; M00.1.83; M00.0.74; M00.1.25; M00.0.78; Best double couple; M2.50000x1018 NP1.0x160.00000; 0.33.00000; A-76.00000; NP2.0x323.00000; 0.58.00000; A-99.00000; Principal axes: T 2.7400, Plg12.0000; Azm60.0000; N-0.4100, Plg8.0000; Azm328.0000; P -2.3300, Plg75.0000; Azm207.0000; ISC 21.18:47.13.5.0.3, 14.93N, 0.03:93.14W, 0.03, h63km, 2km, h64km; pP, n1901, s183N/2060, m5.9/498, 31C-22D,

Near coast of Chiapas

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

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

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

21d 18h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Bath, Beatrice, Hebron, Humboldt, Kaye Shedlock, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SCIA, Y12C, M46A, PV05, PDMCI, SMCO, etc.

986

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like PHWY Pilot Hill, O20A, O20A, J35A, J40A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CNPM, ROSA, KODAK, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PESTR, PMRV, MVO, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like DID, XOR, KPRO, etc.

MEX 21 19:36:07.0, 14.79N, 93.25W, h16km, 99gkm, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like PCIG, CCIG, TGIG, etc.

MEX 21 19:39:29.9, 0.7, 14.77N, 93.25W, h25km, 15km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like PCIG, CCIG, TGIG, HUIG, etc.

Station coordinates and metadata for MEX 21 19:46:42.1, 0.7, 15.07N, 92.51W, h0km, mb4.1/12, mb1.4/4/14, mb1mx4.2/32, mb4mx2.1/4, ML4.4/2, Error ellipse: s-maj=36.8km s-min=14.7km az=59.0, NEIC 21 19:46:47.0, 4.0, 14.69N, 93.20W, h35km, mb4.6/113, Error ellipse: s-maj=6.8km s-min=4.9km az=224.0, ISCBJ 21 19:46:50.1, 0.4, 14.86N, 0.03, 93.14W, 0.03, h70km, 3km, mb4.5/91, Error ellipse: s-maj=5.5km s-min=2.9km az=135.3, MEX 21 19:46:51.0, 1.0, 14.77N, 93.24W, h16km, 30km, MD3.8, INET 21 19:46:52.0, 15.01N, 93.11W, h29km, ML4.4, UCR 21 19:46:57.6, 1.0, 15.07N, 92.58W, h35km, 99gkm, ML4.0, mb4.6(NEIC)

SSS 21 19:46:57.3, 14.90N, 92.57W, h92km, ML4.5, ISC 21 19:46:50.7, 0.9, 14.91N, 0.05, 93.12W, 0.05, h60km, 7km, n358, r186/356, mb4.5/1D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like PCIG, CCIG, TGIG, XIG, CMIG, etc.

RTR El Retiro, SBL San Blas, SBL SBL, SBL

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like SNUE, MTO3, BOQS, etc.

SNET Serv Nac Est T, SNET

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like SNET, IFRS, SNVI, etc.

LNIG Linares, ZAIG Zacatecas, KVTX Kacatepec, 833A Chaparral WMA, 446A Poplarville, 435B Jarrell, 341A Kurthwood, 342A Flagon Creek P, 344A Westbrook Farm, JCT Junction City, JCT Junction City, JCT

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like LNIG, ZAIG, KVTX, etc.

Main table with columns: ID, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like HPIG, 346A Big Creek Wild, NATX Naacodoches, 347A Saraland, 243A Waterproof, DWP Disney Wildern, BRAL Brewton, 244A Avery, Jackson, 349A Repton, 245A Little Ap, Sta, TX31 Lajitas Ar, TXAR Lajitas Aray, VBMS Vicksburg, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Quitman, 247A Cam and Jess, 138A Matatal Enter, 137A Heron Place, G, 143A Socs Landing, 248A Dixon Mills, GTBY Guantanamo Bay, 147A Livingston, 240A Long Farm, Mag, 241A Richland Creek, Z41A Norrel Spur, H, 238A Mt. Pleasant, 244A Pea Ridge, Bel, 236A Blue Ridge, Z46A Louisville, ABTX Abilene, Hawle, ABTX Abilene, H, TIGA Tifton, TIGA Tifton, 245A Winona, WLAR White Oak Lake, Z47A Carrollton, LRAL Lakeview Retre, LRAL Lakeview Retre, Y42A Garnett, Star, Y41A Eaglette Beard, Y39A Lockesburg, Y40A Idabel, Y40A Okolona, Z48A Northport, Y37A Hugo, Y36A Durant, Y45A Fager Farm, C, Y44A Strider, Charl, Z49A Columiana, Y35A Marietta, Y46A Houston, ZARC Zaragoza, Cauc, X40A Basin Creek Fa, Y37A UCAPA, X39A Fountain Ranch, MIAR Mount Ida, MIAR Mount Ida, X43A Marvel, Y48A Jasper, X37A Clayton, X35A Drake, X35A Drake, X45A UM Field Stati, X38A Whitesboro, YOTC Yotoco, Valle, UALR University of, X36A Centrahoma, OXF Oxford, OXF Oxford, GUYC Guayana, Colomb, X46A Booneville, X47A Russellville, W38A Poteau, MNXT Cornudas Mount, MNXT Cornudas Mount, W41B Gary Mavity, W40A Ferguson Farm, W39A Magee, X48A Hartselle, W37B Quinton, W37B Quinton, X301 Greenbrier Sit

Table with columns: ID, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like TOLC Tolima, WHAR Woolly Hollow, W36A Wetunka, W36A Wetunka, WMOK Wichita Mounta, WMOK Wichita Mounta, GOGA Godfrey, W35A Tecumseh, W35A Tecumseh, X49A Woodville, W45A Hickory Valley, PLAL Pickwick Lake, OTAV Otavalo, X50A Fort Payne, SOTA Fort Payne, HBAR Harrisburg, HBAR Harrisburg, PCON Cinco Dias, OK02 N3500 Road, P, V41A Mountainview, V40A Witts Springs, OK02O N3440 Road, Me, V39A Pettigrew, OK02 N3500 Road, Sp, V42A Cord, MSTX Muleshoe, MSTX Muleshoe, V38A Canell, W48A Pulaski, V36A Jenks, V36A Jenks, V37A Hulbert, V35A Meyer Ranch, C, V35A Meyer Ranch, C, ROSC El Rosal, ROSC El Rosal, TUL1 Leonard, TUL1 Leonard, PRAC Prado, SWET Sewanee, BARC Barichara, SDDR Presa de Saban, V46A Holiday, HHAR Hobbs, AMTX Amarillo, AMTX Amarillo, U40A Amarello, U41A Viola, U39A Green Forest, U42A Revenden, V47A Nunnelly, U38A Gravette, U37A Salina, V48A Smith Brothers, CSU Charleston Sou, NHSC New Hope, HODGE Hodges, U35A Pawnee, RUSC La Rusia, CHIC Chingaza, HSIG HSIG, WVT Waverly, WVT Waverly, SRIG Santa Rosalia, UTM University of, U45A Rocky P Farm, CPCT Cooper Cave, GRTK Grand Turk, PBMO Poplar Bluff, BG3 Lake Jocassee, T39A Clever, T12A Cookes Peak, D, T38A Diamond, JSC Jenkinsville, U47A Greenville, 319A Douglas, T41A Mountain View, T42A Van Buren, T35A Sooner Cattle, T40A Mansfield, T37A Cheneyville 18, T36A Boggs Farm, Ca, TKL Tuckaleechee C, TKL Tuckaleechee C, T34A McClaskey Farm, S40A Lebanon, S41A Jilco Farms, S38A Stockton

21d 20h

Table with columns: ABAB, Army Bay, 3.73 332 P, Pn, 19 50 34.0 +0.8

ISCJB 21 19:53:43.3-0.9, 14:73N:0:06:93:34W:0:05, h33km, mb4.7, Error ellipse: s-maj=9.4km s-min=6.5km

MEX 21 19:53:45.7-0.9, 14:72N:93:27W, h26km, 22km, MD3.8, NEIC 21 19:53:46.4-1.3, 14:90N:93:29W, h40km, 13km, mb4.4/6, MD3.8(MEX), Error ellipse: s-maj=14.1km s-min=9.7km

ISC 21 19:53:44.9-2.9, 14:84N:0:08:93:34W:0:05, h24km, 21km, n21, i1926/27, mb4.5/7, Near coast of Chiapas

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

HTCO Madrid Canyon 24.36 338 eP P 19 58 59.3 -2.1

MHTCO State Highway 24.39 338 eP P 19 59 02.3 +0.7

SDCO Great Sand Dun 25.23 337 eP P 19 59 06.6 -2.8

W13A Hualapil Mount 27.35 321 eP P 19 59 26.4 -2.0

GSC Goldstone, Bar 29.30 318 eP P 19 59 44.7 -1.0

CVLM Vallecito 33.95 317 ePcP P 20 03 04.5 +0.1

LPZA La Paz 39.71 140 eP P 20 01 18.6 +2.3

ISCJB 21 19:59:50.4-0.8, 12:59N:0:14:16E:0:1, h33km, mb3.6/7, Error ellipse: s-maj=19.6km s-min=16.3km az=144.0

ISC 21 19:59:54.6-3.3, 12:59N:0:14:17E:0.1, h33km, mb3.3/7, mb1 3.6/8, mb1mx3.4/40, mbtmp3.6/8, ML3.7/1, Error ellipse: s-maj=25.2km s-min=19.9km az=100.0

ISC 21 19:59:52.1-0.8, 12:59N:0:14:16E:0.1, h33km, n9, i103/9, mb3.7/7, South of Mariana Islands

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

ISCJB 21 20:03:08.8-1.4, 32:51S:0:05:71:5W:0:1, h10km, 13km, Error ellipse: s-maj=16.9km s-min=7.1km az=161.1

GUC 21 20:03:08.3-0.7, 32:50S:71:31W, h46km, 12km, ML3.3, SJA 21 20:03:09.0-0.5, 32:38S:71:20W, h14km, 3km, ML4.0, MW3.5

ISC 21 20:03:07.6-2.1, 32:55S:0:06:71:5W:0:1, h13km, 13km, n14, i0995/20, 1C, Near coast of central Chile

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

GUC 21 20:06:49.5-0.5, 24:57S:69:97W, h67km, 7km, ML3.5, Northern Chile

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

MEX 21 20:11:44.5-0.8, 14:76N:93:25W, h17km, 33km, MD3.7, Near coast of Chiapas

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

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Table with columns: PCIG, Comitan, 1.86 35 eS, Sb, 20 12 10.6 -3.9

ISCJB 21 20:11:48.1-1.0, 17:35S:0:2:70:4W:0:1, h17km, mb3.8/5, Error ellipse: s-maj=23.7km s-min=12.9km az=149.0

ISC 21 20:11:52.4-2.2, 17:39S:70:00W, h142km, 18km, mb3.6/5, mb1 3.7/7, mb1mx3.4/45, mbtmp4.0/7, Error ellipse: s-maj=30.2km s-min=22.5km az=98.0

ISC 21 20:11:49.5-1.1, 17:45S:0:2:70:3W:0:1, h17km, n7, i121/8, mb3.9/5, Near coast of Peru

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

MEX 21 20:15:10.6-0.3, 14:72N:93:27W, h40km, 20km, MD3.5, Near coast of Chiapas

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

ISC 21 20:20:26.7-56.0, 18:80S:178:92W, h0km, 63/6, mb1 3.8/3, mb1mx3.5/27, mbtmp3.6/3, Error ellipse: s-maj=1016.0km s-min=154.5km az=80.0, Fiji Islands region

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

MEX 21 20:22:19.9-0.3, 13:50N:92:24W, h16km, 203km, MD3.6, Off coast of Chiapas

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

ISC 21 20:24:15.6-1.3, 53:04N:35:17W, h0km, mb3.4/7, mb1 3.6/7, mb1mx3.4/49, mbtmp3.4/7, Error ellipse: s-maj=46.9km s-min=20.4km az=35.0

ISCJB 21 20:24:16.0-1.4, 53:04N:35:17W:0:4, h13km, mb3.4/7, Error ellipse: s-maj=46.3km s-min=17.5km az=37.3

ISC 21 20:24:17.6-1.3, 53:03N:0:35:2W:0:2, h13km, n9, i0557/10, mb3.5/7, Reykjanes Ridge

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

MEX 21 20:29:11.7-0.3, 14:73N:93:33W, h16km, 37km, MD3.5, Near coast of Chiapas

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

MEX 21 20:33:38.8-0.5, 13:57N:92:53W, h18km, 19km, MD3.6, Off coast of Chiapas

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

ISC 21 20:34:44.8-0.7, 19:24N:104:36W, h0km, mb4.3/22, mb1 4.4/22, mb1mx4.2/50, mbtmp4.2/22, MS3.8/1, Ms1 3.8/1, ms1mx3.1/36, Error ellipse: s-maj=25.1km s-min=15.0km az=58.0

NEIC 21 20:34:49.3-0.4, 18:92N:104:69W, h35km, mb4.4/109, MD4.1(MEX), Error ellipse: s-maj=7.5km s-min=4.3km az=212.0

NEIC Felt [V] at Chihuahua and [V] at Manzanillo and San Patricio. Also felt at La Huerta, Puerto Vallarta and Tomatlan.

MEX 21 20:34:50.2-0.5, 19:03N:104:66W, h12km, 5km, MD4.1

ISC 21 20:34:48.9-1.2, 19:02N:105:104:66W:0:04, h32km, 8km, n279, i1994/264, mb4.5/77, Near coast of Jalisco

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

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Table with columns: SFJM, Morelia, 3.34 78 eS, Sn, 20 35 47.0 -0.4

H06E1 TLiga 5.96 103 eP Sn 20 36 17.9 +2.8

H06S1 SCCRRO T 5.97 268 P Sn 20 36 15.1 0.0

H06S1 Sierra La Lagu 6.77 314 eP Sn 20 37 19.7 -2.8

LP1G La Paz 7.30 315 eP Sn 20 36 28.9 +2.7

LP1G 15nm, 0.3s, baz=151, slow=19, SNR=4.5 LR 20 38 51.2

LN1G Linare 7.58 39 eP Sn 20 36 38.8 +1.6

LV1G Laguna Verde 7.81 83 eP Sn 20 36 43.8 +3.5

HP1G Huajuapam 7.94 53 eP Sn 20 36 44.5 +2.2

CM1G Matias Romero 9.49 100 P Sn 20 37 05.8 +2.3

CM1G 1.4nm, 0.3s, baz=285, slow=10, SNR=10 Sn 20 38 48.5 -0.6

CM1G 1.5nm, 0.3s, baz=356, slow=19, SNR=7.0 Lg 20 39 49.2

TXAR Lajitas Array 10.31 5 P Sn 20 37 16.6 +1.9

TXAR 0.7nm, 0.3s, baz=184, slow=14, SNR=39 Lg 20 40 08.9

TX31 Lajitas Ar. Si 10.31 5 eP Sn 20 37 16.6 +1.9

SR1G Santa Rosalia 10.81 321 eP Sn 20 37 16.8 -4.7

JCT Junction City 12.23 20 eP Sn 20 37 44.0 +3.0

CC1G Comitan 12.24 101 eP Sn 20 37 43.5 -2.7

MNTX Corudas Mount 12.64 357 P Sn 20 37 48.8 +2.2

MNTX 0.6nm, 0.3s, baz=169, slow=34, SNR=5.7 Pn 20 37 47.6 +1.6

EPT El Paso 12.81 353 eP Sn 20 37 49.9 +0.9

319A Douglas 12.99 342 eP Sn 20 37 54.0 +2.6

WICK Wickenburg 13.52 355 eP Sn 20 38 07.0 +2.2

ABTX Abilene Hawle 14.28 17 P P 20 38 13.7 -2.0

ABTX Abilene, Hawle 14.28 17 eP Pn 20 38 13.0 +4.1

TUC Tucson 14.34 339 eP Sn 20 38 11.1 +1.3

WHIT White Lake 14.46 25 eP Sn 20 38 14.4 +3.1

MSTX Muleshoe 14.99 6 P P 20 38 23.0 -0.7

MSTX 0.6nm, 0.3s, baz=187, SNR=9.8 Pn 20 38 21.2 +2.6

Y23D IRIS PASCALLI 14.99 6 eP Sn 20 38 22.6 +2.1

BNN Barren Site 15.18 354 eP Sn 20 38 23.2 +2.0

LPM Los Pinos Moun 15.34 354 eP Sn 20 38 26.0 +2.7

LZL Ladoron 15.48 352 eP Sn 20 38 26.8 +1.6

113A Mohawk Valley, 15.95 331 eP Sn 20 38 33.5 +2.6

ANMO Albuquerque 15.95 355 P P 20 38 35.5 +1.0

ANMO Albuquerque 15.95 355 eP P 20 38 34.2 -0.3

AMTX Anillo 16.02 9 eP Sn 20 38 37.6 +2.5

X16A Lo Mia Camp, P 16.48 304 eP Sn 20 38 39.7 +1.7

WMOK Wickenburg Mounta 16.51 17 eP Sn 20 38 39.5 +1.4

Y14 Wickenburg 16.62 335 eP Sn 20 38 39.2 -0.4

GLA Glamis 16.68 329 eP Sn 20 38 39.3 -1.1

BAR Barrett 17.36 324 eP Sn 20 38 48.1 -0.7

TGUH Teiguigalpa,Un 17.38 104 eP Sn 20 38 50.0 -0.2

W35A Tecumseh 17.49 22 eP Sn 20 38 57.7 +6.4

W35A Tecumseh 17.49 22 eP Sn 20 38 52.8 +1.5

X37A 29nm, 0.8s 17.57 26 eP Sn 20 38 54.4 +2.2

W36A Wetumka 17.71 23 eP Sn 20 38 56.8 +3.0

OK02O N340 Road, Me 17.84 21 eP Sn 20 38 58.7 +3.5

X38A Whitesboro 17.87 27 P P 20 39 05.4 +1.0

WLAR White Oak Lake 17.88 33 eP Sn 20 38 54.7 -0.5

OK02O N3560 Road, P 17.91 21 eP Sn 20 38 54.8 -0.8

TPFO Pinon Flats 17.95 326 P P 20 39 02.1 +5.6

OK02I N3530 Road, Sp 17.95 21 eP Sn 20 39 00.4 +4.0

XPFO Pison Flat 17.95 326 eP Sn 20 38 54.4 -1.8

PFO Pinon Flats O 17.95 326 eP Sn 20 38 53.6 -2.6

W37B Quinton 18.05 25 eP Sn 20 39 02.9 +5.8

HTCO Madrid Canyon 18.02 360 eP Sn 20 39 00.5 +3.0

V35A Meyer Ranch, C 18.05 21 eP Sn 20 39 03.8 +6.3

T25A Trinidad 18.06 1 P P 20 38 58.3 +1.0

T25A Trinidad 18.06 1 eP P 20 39 09.2 +1.4

Y41A Eaglette Beard 18.29 34 P Sn 20 39 09.9 +1.0

MIAR Mount Ida 18.34 30 P Sn 20 39 07.9 +7.1

W38A Poteau 18.34 27 P Sn 20 39 11.4 +1.1

V36A Jenks 18.39 23 P Sn 20 39 10.6 +9.1

V36A Jenks 18.39 23 eP Sn 20 39 08.8 +7.3

MVCO Mesa Verde 18.44 350 eP Sn 20 39 04.7 +2.4

TUL1 Leonard 18.56 23 P Sn 20 39 12.5 +9.0

TUL1 Leonard 18.56 23 eP Sn 20 39 11.1 +7.6

U15A North Rim 18.60 340 eP P 20 39 04.5 +0.6

U35A Pawnee 18.64 20 P Sn 20 39 11.7 +7.2

SDCO Great Sand Dun 18.68 358 eP Sn 20 39 06.4 +1.2

S22A 4UR Ranch, Cre 18.76 355 eP P 20 39 06.6 +1.0

V37A Hubbert 18.78 25 P Sn 20 39 15.5 +9.3

U36A Oologah 19.01 23 P Sn 20 39 17.6 +8.7

V38A Carehill 19.06 26 P Sn 20 39 18.5 +8.9

T34A McClaskey Farm 19.10 19 P Sn 20 39 17.9 +7.9

W40A Ferguson Farm, 19.10 30 eP Sn 20 39 18.7 +8.7

U4LR University of 19.13 32 eP Sn 20 39 17.9 +7.5

U37A Salina 19.25 24 P Sn 20 39 20.2 +8.4

MWC Mount Wilson 19.28 324 eP P 20 39 11.5 +0.2

PASC Pasadena Art C 19.31 324 eP P 20 39 11.9 +0.5

PV05 Pined Valley 19.38 349 eP Sn 20 39 15.3 +1.7

LCMT Little Creek M 19.45 339 eP Sn 20 39 15.0 +0.7

GSC Goldstone, Bar 19.46 329 eP P 20 39 14.6 +1.4

X301 Greenbrier St 19.46 31 eP Sn 20 39 19.8 +5.4

HHAR Hobbs 19.62 27 eP Sn 20 39 21.6 +5.3

R19A Curry Farm, L 19.62 349 ePcP P 20 43 34.7 +0.7

SHPR Sheep Range 19.72 334 eP Sn 20 39 17.4 +1.4

22d Oh

Table with columns: UGL, Station Name, Time, Res, etc. Includes stations like UGL 230nm,0.5s, JWJK2 Keihoku, ASAJ Soyaes, etc.

CSEM 21 23:48:42.7, 0.2, 38.48N-43.33E, h2km, ML2.9, Error ellipse: s-maj=4.7km s-min=2.9km az=92.0

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

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Table with columns: SIRT, SRMT, SRM, etc. Includes stations like SIRT Sirmak, SRMT Siirt_Merkez, etc.

ISK 21 23:51:18.1, 38.67N-43.20E, h5km, ML2.7 CSEM 21 23:51:20.0, 0.2, 38.69N-43.24E, h2km, MD2.6, Error ellipse: s-maj=5.2km s-min=3.5km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like VANB Van, YANB Van, TVAN Van, etc.

ISK 22 00:02:56.0, 38.68N-43.18E, h5km, MD2.7 ISCBJ 22 00:02:57.0, 0.5, 38.70N-43.21E, h12km, 6km, Error ellipse: s-maj=7.5km s-min=4.1km az=7.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like VANB Van, YANB Van, TVAN Van, etc.

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Table with columns: SRMT, SIRT, SIIRT, etc. Includes stations like SRMT Siirt_Merkez, SIRT Sirmak, etc.

ISCJB 22 00:06:03.3, 0.9, 51.6N-0.2-95.8E, 0.1, h10km, mb3.7/1, MS3.8/1, Error ellipse: s-maj=31.6km s-min=8.5km az=174.4

IDC 22 00:06:06.3, 2.0, 51.52N-96.17E, h35km, 44km, mb3.7/1, mb1 3.5/5, mb1mx2.9/45, mbtmp3.4/5, ML2.9/4, MS3.8/1, Ms1 3.8/1, ms1mx2.6/51, Error ellipse: s-maj=39.2km s-min=16.9km az=173.0

MOS 22 00:06:09.1, 1.2, 51.39N-95.12E, h21km, mb3.9/1, Error ellipse: s-maj=1.5km s-min=17.9km az=4.1

ISC 22 00:06:05.2, 0.9, 51.38N-0.1-95.85E, 0.07, h10km, n16, c168/15, 1C, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ORL Orik, MOY Mondy, ARS Arsh, etc.

MEX 22 00:07:11.5, 0.7, 14.76N-93.28W, h16km, 39km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like PCIG Comitan, CCIG Comitan, TGIG Comitan, etc.

MEX 22 00:13:47.5, 0.7, 14.71N-93.30W, h16km, 55km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like PCIG Comitan, CCIG Comitan, TGIG Comitan, etc.

IDC 22 00:16:28.0, 16.0, 37.57S-95.42W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.8/24, mbtmp3.7/3, MS3.5/3, Ms1 3.5/3, ms1mx3.2/27, Error ellipse: s-maj=412.7km s-min=51.1km az=7.0, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like PLCA Paso Flores, LPAZ La Paz, CPUP Villa Florida, etc.

ISCJB 22 00:19:38.7, 0.4, 27.79N-0.05-140.02E, 0.1, h499km, 5km, mb3.7/28, Error ellipse: s-maj=13.7km s-min=6.9km az=171.8

MOS 22 00:19:38.2, 1.0, 27.74N-139.73E, h479km, mb3.9/20, Error ellipse: s-maj=20.1km s-min=8.7km az=104.0

IDC 22 00:19:39.1, 0.5, 27.76N-139.97E, h478km, 6km, mb3.3/19, mb1 3.4/23, mb1mx3.2/55, mbtmp4.2/23, Error ellipse: s-maj=14.9km s-min=8.8km az=75.0

JMA 22 00:19:41.0, 0.3, 28.09N-140.60E, h487km, 4km, M4.0

ISC 22 00:19:39.5, 0.6, 27.82N-0.06-140.02E, 0.1, h464km, 7km, n170, c1954/87, mb3.8/28, 5C-2D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CBJ Chichijima, JCCJ Chichijima, JHHJ Haha-jima-NKT, etc.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like MAJO Matsushiro, KRSR Korea Array, and various local stations.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like YHNB Yeheng, GZV Guangzhou, and various international stations.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like XPFO Pionon Flat, PFO Pinyon Flats, and various international stations.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like IDC 22 00:21:33.0,0.7, 19°15'N, 121°38'E, and various international stations.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like IDC 22 00:35:57.1,3.5, 29°62'N, 114°19'W, and various international stations.

Table with columns: Call Sign, Frequency, Power, and other technical details. Includes stations like SDCC Great Sand Dun, MTCO State Highway, and various international stations.

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Table with columns: Call sign, Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like TUL1 Leonard, TUL1 Clayton, 138A Matatal Enter, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like O42A Bath, UTMT University of, M41A Milne, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like PPT2 Papeete, MNMC Milne Myne, PETK Petropavlovsk, etc.

IDC 22:00:53:06:4.2, 9.30:07N:114:02W, h0km, mb3.3/2, m1 3.7/5, mb1mx3.5/43, mbtmpr3.2/5, ML3.5/3, MS3.3/4, Ms1 3.3/4, ms1mx2.9/17, Error ellipse: s-maj=50.1km

MEX 22:00:53:12.3:0.5, 31:36N:114:13W, h23km, 26km, MD3.8

ISC 22:00:53:09:7.2, 0.30:2N:0.2:114:5W, 0.2, h10km, n12, c286/8, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like SPiG San Pedro Mart, CBX Cerro Bola, etc.

KLM 22:00:53:32.6:2, 1:12N:95:81E, h10km, mb4.7, IDC 22:00:53:34.0:8, 2:18N:96:09E, h0km, mb4.3/16, mb1 4.5/17, mb1mx4.2/47, mbtmpr4.3/17, ML4.5/1, MS3.8/4, Ms1 3.9/4, ms1mx3.3/36, Error ellipse: s-maj=41.0km

BUI 22:00:53:35.0:2, 2:20N:96:18E, h19km, mb4.7/51, mb4.9/31, MS4.5/21, MS7.4/2/15

DJA 22:00:53:35.4:0.6, 2:N:3:9'E, h10km, M4.7/10, mb5.1/4, mb5.0/3, MLV4.6/10, Mw(mB)4.3/3

ISCJB 22:00:53:40.3:2, 0.28N:0.03:96:03E, 0.03, h27km, mb4.7/62, MS4.1/9, Error ellipse: s-maj=5.5, 1km

MOS 22:00:53:36.5:0.9, 2:15N:96:07E, h33km, mb4.8/22, Error ellipse: s-maj=12.2km s-min=6.8km az=103.1

NEIC 22:00:53:36.9:3.2, 2:08N:96:04E, h25km, 22km, mb4.8/20, Error ellipse: s-maj=13.9km s-min=5.4km az=55.0

ISC 22:00:53:37.9:0.5, 2:19N:0.05:96:09E, 0.05, h27km, n166, c1541/177, mb4.7/62, MS4.1/9, 16C-6D, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other technical details. Includes stations like SNSI Sinabang, Aceh, TPTI TPTI, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FORT, IPM, KULM, BBOO, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 22 01:20:25.3, JYT, JAG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 22 01:52:23.1, PCIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 22 01:14:00, JMA 22 01:14:37, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 22 01:27:45, PCIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 22 01:59:05, PCIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNC 22 01:52:42, SFK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 22 01:52:15, LPK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 22 02:07:26, PCIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 22 01:20:00, JMA 22 01:20:26, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 22 01:52:14, DDA 22 01:52:14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 22 02:13:00, CSEM 22 02:17:40, etc.

ASAR Alice Springs 94.80 114 P P 03 35 39.9 -1.6

ISCJB 22 03:31:60.0, 0.6, 10.69S; 0.06: 163.35E; 0.07, h16km, m-baz=15, MS3.7/13, Error ellipse: s-maj=10.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM 2.8nm, 0.2s, DZM 0.4nm, 0.3s, bazz=165, slow=20, SNR=3.7.

CTA Charters Tower 19.00 238 P Pn 03 36 25.5 +1.8

COEN Coen 20.00 258 eP Pn 03 36 35.4 -0.4

H11S2 WAKE ISLAND Hy 29.07 7 T T 04 08 47.5

ASAR Alice Springs 93.47 224 eP Pn 03 38 16.8 -1.5

BBOO Buckleboo 33.47 428 eP Pn 03 38 40.1 -0.3

FITZ Fitzroy Crossi 37.24 254 P P 03 39 11.5 -1.5

FORF Forchrest 38.42 233 eP P 03 39 22.6 -0.3

ASAR Alice Springs 93.47 224 eP Pn 03 38 16.8 -1.5

SJA 22 03:36:29.8, 0.6, 34.72S; 71.96W, h56km, 11km, ML3.8, MW3.6

AAGR Agrelo 2.69 60 eP Pn 03 37 18.3 +1.6

MEX 22 03:36:59.4, 0.5, 14.72N; 93.28W, h16km, 26km, MD3.6

TIF 22 04:12:49.8, 42.64N; 43.42E, h14km, Western Caucasus

ISC 22 04:18:54.1, 3.1, 39.03N; 142.74E, h0km, mb3.3/2, mb1 3.4/3, mb1mx3.1/42, mbtmp3.1/3, ML2.8/1, Error ellipse: s-maj=17.6km s-min=39.3km az=64.0

JMA 22 04:19:03.0, 3.1, 38.81N; 142.01E, h47km, 1km, M3.3

H11S3 WAKE ISLAND Hy 29.07 7 T T 04 08 30.4

WRA Warramunga Arr 29.46 248 P P 03 38 04.1 -1.2

WAKE ISLAND Hy 30.32 7 T T 04 09 58.1

WAKE ISLAND Hy 30.32 7 T T 04 09 58.1

WAKE ISLAND Hy 30.32 7 T T 04 09 58.1

WAKE ISLAND Hy 30.32 7 T T 04 09 58.1

EFP Efpalio 0.67 183 P S Sb 04 28 58.5 +0.3

SERG Sergoula 0.68 173 P S Sb 04 28 47.6 -1.3

KAL Kaithea 0.72 168 P S Sb 04 28 48.1 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

KAL Kaithea 0.72 168 P S Sb 04 28 48.2 -1.4

22d 5h

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like HAPS Han Pjeseak, MDVR Moldovita, etc.

ISC/JB 22 04:33:20.7-0.4, 8.056:0.05x120.49E:0.06, h33km, mb4.1/14, Error ellipse: s-maj=9.9km s-min=5.7km az=144.3

DJA 22 04:33:20.3-0.3, 8.3S:3x12.0E, h10km, M4.1/7, MLV4.1/7, NEIC 22 04:33:23.7-0.9, 8.065:120.52E, h50km, 10km, mb4.0/4, Error ellipse: s-maj=15.8km s-min=6.2km az=55.0

ISC 22 04:33:27.1-3.5, 8.18S:120.45E, h83km, 33km, mb3.8/10, s-maj 3.8/12, mb1mx3.5/4.7, mbtmp4.1/12, Error ellipse: s-maj=33.6km s-min=10.3km az=56.0

ISC 22 04:33:21.8-0.6, 8.07S:0.05x120.49E:0.05, h33km, n28, r1570/32, mb4.3/14, Fines region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like EDFI Ende, Flores, MMRI Maumere, etc.

MEX 22 04:40:26.3-0.5, 1470N:93.31W, h16km, 22km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like PCIG Comitan, CGIG Comitan, etc.

ISC/JB 22 04:42:40.9-0.5, 42.15N:0.04:141.58E:0.06, h99km, 4km, mb3.1/6, Error ellipse: s-maj=8.2km s-min=5.3km az=40.9

JMA 22 04:42:42.0-0.1, 42.16N:141.55E, h89km, 1km, M3.1

ISC 22 04:42:43.0-1.6, 42.27N:141.82E, h116km, 23km, mb3.0/5, mb1 3.0/6, mb1mx2.9/4.7, mbtmp3.3/6, Error ellipse: s-maj=38.7km s-min=18.2km az=89.0

ISC 22 04:42:41.8-0.9, 42.17N:0.04:141.59E:0.04, h89km, 7km, n30, r1507/32, mb3.3/6, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like JKB Kayabe, JNB Noboribetsu, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ASAJ Asahikawa, MJAR Matsushiro Arr, etc.

MEX 22 04:58:50.2-0.5, 14.89N:93.23W, h69km, 11km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like PCIG Comitan, CGIG Comitan, etc.

IDC 22 05:01:54.1±2.5, 20.20S:177.16W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.5/29, mbtmp3.7/2, Error ellipse: s-maj=52.7km s-min=29.5km az=74.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like RAO Raoul Island, ASAR Alice Springs, etc.

MAN 22 05:04:04.7, 0.708N:123.81E, h18km, mb3.6, ML2.3, MS1.9, ID, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CTBH Cotabato-PC H, CTBH Pagadian, etc.

JMA 22 05:12:40.5-0.2, 23.00N:122.59E, h39km, M3.7, TAP 22 05:12:42.0, 23.01N:122.57E, h63km, 1km, ML4.1, D

IDC 22 05:12:42.0, 2.1, 2.3, 42N:122.28E, h0km, mb3.5/4, mb1 3.7/6, mb1mx3.3/55, mbtmp3.5/6, ML3.6/1, MS2.6/1, Ms1 2.8/1, ms1mx2.3/28, Error ellipse: s-maj=47.3km s-min=25.2km az=74.0

ISC 22 05:12:38.5-2.2, 23.01N:0.03:122.63E:0.02, h4km, 15km, n122, r180/205, mb3.5/5, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CHKT Chengkung, HGSD Ruisui, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like YUS baz=288, ENAH Nanao, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Offset, Elevation Offset, Azimuth Trend, Elevation Trend, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Offset, Elevation Offset, Azimuth Trend, Elevation Trend, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

ISCJB 22 05:53:39.70.2.0.56:66S:0:04:25:16W:0:07:h10km, mb5.3/53, MS6.1/208, Error ellipse: s-maj=6.6km s-min=4.1km az=40.1

IDC 22 05:53:39.9.0.3.56:78S:25:03W:h0km, mb5.0/29, mb1.5/0.30, mb1mx5.0/33, mbtmp5.0/30, ML4.8/1, MS6.0/18, Ms1.6/0.18, ms1mx6.0/19, Error ellipse: s-maj=14.0km s-min=10.7km az=26.0

NEIC 22 05:53:41.0.0.0.56:57S:24:84W:h17km Best double couple: NP1.0e0.000000, 672.000000, 1.10.000000, NP2.0e130.000000, 627.000000, 1.43.000000

NEIC 22 05:53:42.1.0.2.56:76S:25:15W:h13km, mb5.5/35, MS6.6/MS6.1/159, MW6.0, MW6.0 Error ellipse: s-maj=7.1km s-min=5.3km az=35.0 Broadband fault plane solution: P waves. NP1.0e160.000000, 610.000000, 1.90.000000, NP2.0e340.000000, 680.000000, 1.90.000000

NEIC 22 05:53:44.1.2.56:84S:25:49W:h33km, mb5.3/39, MS6.0/17, Error ellipse: s-maj=22.2km s-min=9.9km az=102.3

NEIC 22 05:53:58.5.0.0.56:65N:24:61W:h25km Best double couple: NP1.0e152.000000, 645.000000, 1.53.000000, NP2.0e19.000000, 656.000000, 1.21.000000

ISC 22 05:53:43.1.0.8.56:93S:0:04:25:23W:0:04:h19km, mb3km, MS6.5/263, MS18, mb5.3/50, MS6.1/211, 11C-6D, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Offset, Elevation Offset, Azimuth Trend, Elevation Trend, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Offset, Elevation Offset, Azimuth Trend, Elevation Trend, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Offset, Elevation Offset, Azimuth Trend, Elevation Trend, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

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RKT	comp=Z,2um,28.0s								
MSEY	comp=Z,5um,28.8s								
MSEY	Mahe Island	81.03	85	PFAKE	LR	06 06	10.0	+13	
SMRT	comp=Z,19um,20.0s								
SMRG	St. Maarten	81.12	324	eP	P	06 05	54.9	-2.1	
SMJ	San Juan	82.21	321	P	P	06 06	03.7	+1.0	
SJG	comp=Z,8.3nm,0.8s,baz=188,slow=15,SNR=2.6								
SJG	San Juan	82.21	321	P	LR	06 06	03.6	+1.0	
JTS	comp=Z,9um,19.0s								
JTS	JuntasAbangare	82.90	301	P	P	06 06	06.7	+0.3	
JTS	comp=Z,39nm,1.1s,baz=159,slow=3.8,SNR=10								
JTS	JuntasAbangare	82.90	301	eP	P	06 06	06.6	+0.1	
JTS	comp=Z,111nm,1.4s								
URZ	comp=Z,5um,19.0s								
URZ	Urewera	83.31	198	P	P	06 06	09.1	+0.7	
TAM	comp=Z,18nm,1.0s,baz=288,slow=3.2,SNR=3.4								
TAM	Tamanrasset	83.53	28	eP	P	06 06	10.6	+0.9	
TAM	comp=Z,39nm,1.6s								
TAM									
TAM	comp=Z,6um,20.0s								
TAM	Tamanrasset	83.53	28	eP	P	06 06	10.6	+0.9	
TAM	comp=Z,39nm,1.6s								
SDDR	comp=Z,6um,20.0s								
SDDR	Presa de Saban	84.86	317	eP	P	06 06	15.2	-1.1	
SDDR	comp=Z,19nm,0.9s								
NWAO	comp=Z,4um,19.0s								
NWAO	Narogin (SRO)	85.02	149	P	P	06 06	16.0	-1.2	
NWAO	comp=Z,5.8nm,0.7s,baz=106,slow=2.7,SNR=4.1								
NWAO	Narogin (SRO)	85.02	149	P	P	06 06	16.0	-1.2	
NWAO	comp=Z,6.0nm,0.7s								
NWAO	Narogin (SRO)	85.02	149	P	P	06 06	16.0	-1.2	
NWAO	comp=Z,5um,20.0s								
TOO	Toolang	85.53	173	P	P	06 06	20.7	+1.0	
MUN	comp=Z,86,SNR=5.6								
MUN	Munding	85.61	148	P	P	06 06	20.3	+0.2	
KLBR	Kellerberrin	86.42	149	P	P	06 06	23.7	-0.5	
MTDJ	comp=Z,86,SNR=6.5								
MTDJ	Mount Denham	86.64	311	PFAKE	LR	06 06	40.0	+15	
BLU	comp=Z,8um,19.0s								
BLU	Omahuta	86.83	195	eP	P	06 06	26.9	+0.8	
OUZ	Ballidu	87.04	148	P	P	06 06	27.3	+0.1	
GRTK	comp=Z,87,SNR=7.3								
GRTK	Grand Turk	87.11	318	PFAKE	LR	06 06	40.0	+13	
GTBY	comp=Z,3um,19.0s								
GTBY	Guantanamo Bay	87.19	314	PFAKE	LR	06 06	40.0	+12	
TGHU	comp=Z,10um,19.0s								
TGHU	Tegucigalpa,Un	87.28	301	eP	P	06 06	28.6	+0.3	
TBI	Tubuai	87.35	230	ePP	PP	06 06	49.9	-2.6	
TBI	comp=Z,470nm,25.5s								
TBI									
TBI	comp=Z,3um,26.5s								
TBI	Tubuai	87.35	230	eLQ	LQ	06 30	37.7		
TBI	comp=Z,3um,26.2s								
TBI									
KMBL	comp=Z,9um,22.2s,baz=156								
KMBL	Kambalda	87.74	152	P	P	06 06	31.6	+1.0	
CAN	comp=Z,88,SNR=4.3								
CAN	Canberra	87.97	175	eP	P	06 06	32.9	+1.2	
CAN	Canberra	87.97	175	eP	P	06 06	32.9	+1.2	
CAN	Canberra	87.97	175	eP	LR	06 06	32.9	+1.2	
DGAR	comp=Z,10um,20.0s								
DGAR	Diego Garcia	88.02	100	PFAKE	LR	06 06	40.0	+7.9	
MORW	comp=Z,14um,19.0s								
MORW	Morawa	88.29	147	P	P	06 06	35.3	+2.1	
BBOO	comp=Z,89,SNR=4.5								
BBOO	Buckleboo	89.21	164	P	P	06 06	37.9	+0.4	
BBOO	comp=Z,89,SNR=5.9								
BBOO	Buckleboo	89.21	164	eP	P	06 06	38.0	+0.5	
PMOZ	comp=Z,89,SNR=6.5								
PMOZ	Porto Moniz, M	89.66	7	eS	SS	06 17	23.2	-6.2	
PMOZ	Porto Moniz, M	89.66	7	eS	SS	06 17	23.6	+6.7	
PMOZ	Porto Moniz, M	89.66	7	eLR	LR	06 37	08.5		
FORT	comp=Z,7um,18.0s								
FORT	Forrest	89.75	157	P	P	06 06	40.8	+0.8	
FORT	comp=Z,90,SNR=8.1								
FORT	Forrest	89.75	157	eP	P	06 06	40.6	+0.6	
STKA	comp=Z,20nm,1.1s,baz=166,slow=4.4,SNR=11								
STKA	Stevens Creek	90.84	169	P	P	06 06	45.4	+0.3	
STKA	comp=Z,23um,19.3s,baz=187,slow=34								
STKA	Stevens Creek	90.84	169	P	P	06 06	46.0	+0.8	
STKA	comp=Z,91,SNR=12								
STKA	Stevens Creek	90.84	169	eP	P	06 06	45.9	+0.8	
STKA	Stevens Creek	90.84	169	eP	P	06 06	45.9	+0.8	
RAO	comp=Z,4um,19.0s								
RAO	Raoul Island	91.09	204	PFAKE	LR	06 07	00.0	+14	
LHI	comp=Z,4um,19.0s								
LHI	Lord Howe Isla	91.82	184	P	P	06 06	50.7	+1.1	
RTC	comp=Z,82,SNR=3.3								
RTC	Rabat Centre	91.90	15	PFAKE	LR	06 07	00.0	+10	
PPT2	comp=Z,28um,19.0s								
PPT2	Papeete2	92.51	232	ePP	PP	06 10	31.2	-2.6	
PPT2	comp=Z,588nm,24.0s								
PPT2	Papeete2	92.51	232	eS	SS	06 17	21.2	-4.6	
PPT2	comp=Z,1um,22.4s								
PPT2	Papeete2	92.51	232	eP	PS	06 19	11.4	+2.6	
PPT2	comp=Z,3um,28.2s								
PPT2	Papeete2	92.51	232	eLR	LR	06 36	42.4		
PPT2	comp=Z,9um,28.8s,baz=134								
PPT2	Papeete2	92.53	232	eLR	LR	06 42	33.0		
RAR	comp=Z,5um,18.1s,baz=181,slow=3.2								
RAR	Rarotonga	93.32	222	P	P	06 06	56.8	+0.1	
RAR	comp=Z,5.8nm,0.5s,baz=90,slow=6.5,SNR=3.8								
RAR	Rarotonga	93.32	222	P	P	06 06	56.8	+0.1	
RAR	Rarotonga	93.32	222	P	LR	06 06	56.8	+0.1	
CMIG	comp=Z,9um,19.0s								
CMIG	Matias Romero	93.56	296	P	P	06 06	57.6	0.0	
CMIG	comp=Z,5.4nm,1.0s,baz=90,slow=4.3,SNR=6.9								
CMIG	Cha da Macela	94.33	360	PFAKE	LR	06 06	07.0	+0.9	
PFVI	comp=Z,6um,19.0s								
PFVI	Vila Bisbo	94.73	13	eS	SS	06 17	40.1	+3.7	
PFVI	comp=Z,6um,19.0s								
PFVI	Vila Bisbo	94.73	13	eS	SS	06 17	22.3	+6.8	
MORF	comp=Z,7um,20.0s								
MORF	Marzelete	94.92	13	eP	P	06 07	01.1	-2.4	
MORF	comp=Z,7um,20.0s								
MORF	Marzelete	94.92	13	eS	SS	06 17	37.5	0.0	
MORF	comp=Z,6um,19.9s								
MORF	Marzelete	94.92	13	eS	SS	06 17	42.2	+4.7	
MORF	comp=Z,6um,19.9s								
MORF	Marzelete	94.92	13	eS	SS	06 17	52.7	+1.0	
MORF	comp=Z,6um,19.9s								
MORF	Marzelete	94.92	13	eLR	LR	06 41	42.7		
MORF	comp=Z,6um,18.0s								
MORF	Marzelete	94.92	13	eP	P	06 07	01.1	-2.4	
MORF	comp=Z,6um,18.0s								
MORF	Marzelete	94.92	13	eS	SS	06 17	37.5	0.0	
PBDV	comp=Z,6um,18.0s								
PBDV	Barranco-do-Ve	94.95	14	eS	SS	06 17	44.3	+6.7	
PBDV	comp=Z,6um,18.0s								
PBDV	Barranco-do-Ve	94.95	14	eS	SS	06 18	17.9	+0.5	
PBDV	comp=Z,6um,18.0s								
PBDV	Barranco-do-Ve	94.95	14	eLR	LR	06 24	29.5	-1.3	
BBSR	comp=Z,6um,20.0s								
BBSR	BB Station	95.02	327	PFAKE	LR	06 07	10.0	+6.0	
PVAQ	comp=Z,6um,20.0s								
PVAQ	Vaqueiros	95.14	14	eS	SS	06 17	41.5	+3.0	
PVAQ	comp=Z,6um,20.0s								
PVAQ	Vaqueiros	95.14	14	eS	SS	06 18	28.4	+1.0	
PCVE	comp=Z,6um,20.0s								
PCVE	Castro Verde	95.32	14	eS	SS	06 17	38.5	-1.0	
PCVE	comp=Z,6um,20.0s								
PCVE	Castro Verde	95.32	14	eLR	LR	06 41	50.5		
MESJ	comp=Z,5um,16.0s								
MESJ	Messejana	95.30	13	eP	P	06 07	03.6	-2.4	
MESJ	comp=Z,5um,16.0s								
MESJ	Messejana	95.30	13	eS	SS	06 17	40.4	0.0	
MESJ	comp=Z,5um,16.0s								
MESJ	Messejana	95.30	13	eS	SS	06 24	48.1	-2.3	
MESJ	comp=Z,5								

Table with columns: Station Name, Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like LBNH, LISBON, BUCK LAKE, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like MATI, DAVAO CITY (W), GENERAL SANTOS, etc.

Table with columns: Station Name, Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like CPUP VILLA FLORIDA, CPUP VILLA FLORIDA, etc.

Table with columns: TAM, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Amanrasset, Tamnarrasset, Midlet, Stephens Creek, etc.

Table with columns: ULN, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Ulaanbaatar, Dot Lake, Talaya, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCPH Surigao, CNP Cataman, MIMP Masbate, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PKIN Phulchoki, KKN Kakani, H11S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRTR, FINES FINESS Array B, AKASG Malin Array Be, etc.

IDC 22 06:54:27.7+4.2, 30.69N x 113.32W, h0km, mb3.6/1, mb1 3.5/3, mb1mx3.3/38, mbtmp3.0/3, ML4.2/1, Error ellipse: s-maj=91.0km s-min=13.3km az=32.0, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, TXAR Lajitas Array, TXAR Barranca, etc.

GUC 22 06:55:48.8-0.4, 23.44S x 67.25W, h260km x 12km, ML4.2, 6C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB04 IPOC Station P, etc.

MEX 22 07:04:11.6-0.5, 14.92N x 93.17W, h79km x gkm, MD3.5, near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitan, TGIG, etc.

IDC 22 07:06:25.8-2.6, 30.19S x 177.18W, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.7/20, mbtmp3.8/3, Error ellipse: s-maj=50.6km s-min=27.5km az=80.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek, etc.

IDC 22 07:18:24.6+2.8, 32.51N x 76.44E, h0km, mb3.4/5, mb1 3.5/6, mb1mx3.3/41, mbtmp3.4/6, ML3.2/1, Error ellipse: s-maj=66.9km s-min=36.4km az=120.0, ISCJB 22 07:18:28.4+0.7, 32.90N x 0.05E, h14km, mb3.5/4, Error ellipse: s-maj=26.8km s-min=5.6km az=170.9, NNC 22 07:18:37.7+9.1, 32.96N x 74.01E, h0km, mb3.5, mpv3.6, Error ellipse: s-maj=191.2km s-min=47.5km az=97.0, ISC 22 07:18:29.1+0.8, 32.73N x 0.06E, h14km, n12, a1967/14, mb3.6/4, 5C-2D, Kashmir-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKJI Sukabumi, CNUJ Cibinong, DBJ Dramaga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEX 22 07:44:10.4,0.5,16:39N-98.49W, h9km, m7km, MD3.6, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NAO 22 07:44:58.8,1.3,66:02N-13:31E, ML2.7, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STOK Stokkvaagen, KONS Kongsvik, MOR8 Moi Rana, etc.

Table with columns: STEI, IAML, Time, Res. Includes stations like LOF Lotofen, NOD Norderasen, LILU Lilltraesk, etc.

Table with columns: STEI, IAML, Time, Res. Includes stations like HEMU Hemsoen, LANU Lannavaara, PAJU Pajala, etc.

Table with columns: STEI, IAML, Time, Res. Includes stations like HEF Hetta, AKN Aaknes, YLISO Ylistero, etc.

Table with columns: STEI, IAML, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array S, OUF Ouf, etc.

Table with columns: ARAO, IAML, Time, Res. Includes stations like ARAO baz=234,slow=22, ARCES ARCESS Array B, etc.

Table with columns: ARAO, IAML, Time, Res. Includes stations like KEV Kevo, VRF Vario, KU6 Riekk, etc.

Table with columns: ARAO, IAML, Time, Res. Includes stations like FIAO baz=309,slow=22, FIAO FINESS Array S, etc.

Table with columns: ARAO, IAML, Time, Res. Includes stations like MEX 22 07:50:22.1,0.5,14:66N-93:29W, h15km, m4km, MD3.5, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like CAR1 CAROLEI, T0712 Santa Domenica, MMN Mormanno, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like SG1 Sgolgore (BA), AMUR Aitamura, AMUR Altamura, etc.

ISCJB 22 10:24:44.1±0.9,50.20N;0.05:73.3E;0.1,h0km,mb2.8/1, Error ellipse: s-maj=10.5km s-min=6.3km az=34.3 NNC 22 10:24:45.4±0.5,50.27N;73.31E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=5.5km s-min=4.6km az=49.0, Suspected Mining explosion. IDC 22 10:24:49.5±0.8,50.08N;73.57E,h0km,mb2.7/1, mb1 2.9/5,mb1mx2.8/66,mbtp2.9/5,ML2.6/4, Error ellipse: s-maj=10.9km s-min=8.6km az=55.0

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like BVA0 Borovoye Array, BVA0 Borovoye, BVA0 Borovoye, etc.

IDC 22 10:30:18.0±76.0,23.12S;-179.47E,h510km,249km, mb3.4/3,mb1 3.6/3,mb1mx3.0/28,mbtp4.3/3, Error ellipse: s-maj=996.4km s-min=121.0km az=83.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

MEX 22 10:42:03.0±0.4,14.80N;93.28W,h11km,32km,MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, etc.

IDC 22 10:42:43.3±3.9,36.23N;70.62E,h160km,34km,mb3.4/8, mb1 3.5/13,mb1mx3.2/41,mbtp3.9/13,MS3.2/1, Ms1 3.2/1,ms1mx2.5/27, Error ellipse: s-maj=26.5km

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like CEP Cherat, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like CEP Chirah Chowk, CHCP Thamme Wali, THW Sufi-Kurgan, SFK Sufi-Kurgan, etc.

WEL 22 11:14:04.2,35.516;17.8E;1.7,h33km,ML3.7/7, ML3.6/11, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WMGZ Waioamatinani S, etc.

IDC 22 11:14:56.1±1.9,36.88N;141.37E,h0km,mb3.3/2, mb1 3.3/4,mb1mx3.1/58,mbtp3.2/4,ML2.6/2, Error ellipse: s-maj=33.8km s-min=27.8km az=78.0

ISCJB 22 11:14:59.6±1.3,36.77N;141.25E;0.08,h28km,5km, mb3.2/2, Error ellipse: s-maj=11.6km s-min=6.5km az=17.0

JMA 22 11:15:01.2±0.1,36.80N;141.14E,h36km,1km,M3.1

ISC 22 11:14:59.1±2.1,36.79N;141.06E;0.06,141.31E;0.09,h23km,13km, n18,+193/21, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFK Yasuochi, etc.

IDC 22 11:24:09.0.5,28.765S:70.77W,h68km,3km,mb4.2/12,
 mb1.4,3/15,mb1mx4.1/26,mbtmp4.4/15,MS3.2/8,
 Ms1.3/8,ms1mx3.1/20,Error ellipse: s-maj=19.2km
 s-min=12.8km az=61.0
 NEIC 22 11:24:09.0.0,28.685S:71.03W,h59km,mb5.0/112,
 ML4.8(GUC),After GUC.
 NEIC Felt (V) at Copiapu; (III) at Caldera, Tierra Amarilla and
 Vallena; (II) at Coquimbo, Huasco, Hurtado, La Higuera,
 La Serena and Paiguano.
 ISCJB 22 11:24:09.8.0.3,28.655S:0.02:70.77W:0.04,h08km,3km,
 mb4.8/124,Error ellipse: s-maj=5.8km s-min=3.9km
 az=172.7
 GUC 22 11:24:09.2.0.7,28.75S:70.71W,h69km,3km,ML4.8
 BUJ 22 11:24:10.0,28.70S:71.00W,h45km,mb5.1/9,MS5.2/6,
 Ms7.4/9.5
 SJA 22 11:24:10.9.0.7,28.75S:70.77W,h63km,3km,ML4.6,
 MW4.2
 ISC 22 11:24:09.9.0.3,28.71S:0.04:70.90W:0.06,h66km,2km,
 h66km:pp-P,n432,c1915/447,mb5.0/124,6C-3D,Central

Code	Station Name	Lat	Az	Phase	ID	Time	Res
		°	°			h:m:s	ISC
VACH	Vallenar	0.18	42	iP	ISC	11 24 22.8	+2.7
VACH				iS	Sn	11 24 30.3	+2.9
LCO	Las Campanas	0.34	150	ePn	Sn	11 24 21.5	+0.2
LCO				eSn	Sn	11 24 30.4	+0.8
LCO	Las Campanas	0.34	150	eS	Sn	11 24 21.8	+0.4
LCO				eS	Sn	11 24 30.5	+0.8
LCO	Las Campanas	0.34	150	iP	Sn	11 24 21.7	+0.4
LCO				iS	Sn	11 24 30.4	+0.8
LCO				IAML		11 24 30.8	
GO03	comp=N,49um,0.4s						
GO03	Copiap	1.26	28	iP	Pn	11 24 31.9	+0.3
GO03				iS	Sn	11 24 48.6	+0.7
GO03				IAML		11 24 50.5	
TLL	comp=E,20um,0.1s						
TLL	Tololo Astron	1.45	177	iP	Pn	11 24 34.8	+0.5
TLL				iS	Sn	11 24 43.8	+1.6
TLL				IAML		11 24 56.6	
CYA	comp=N,28um,0.5s						
GO04	Tololo Observa	1.46	177	iP	Pn	11 24 34.8	+0.4
GO04				iS	Sn	11 24 54.1	+1.3
AG04	GUANDACOL	2.24	111	eS	Pn	11 24 16.5	+0.3
VCA	Vinchina	2.37	91	eP	Pn	11 24 50.4	+3.8
VCA				IAML		11 25 23.0	
VCA	comp=Z,4um,0.3s						
VCA	Vinchina	2.37	91	IAML		11 25 41.9	
AMOG	MOGNA	3.05	137	eP	Pn	11 24 57.9	+2.2
RTLL	Cerro Villicun	3.35	142	eP	Pn	11 25 01.6	+1.7
RTLL	Cerro Villicun	3.35	142	IAML		11 26 07.7	
RTLS	Leoncito	3.37	156	eP	Pn	11 25 03.5	+3.1
AUSP	Uspallata	3.73	160	eP	Pn	11 25 08.4	+3.0
RTCV	Cerro Valdivia	3.74	148	eP	Pn	11 25 07.4	+2.2
PB14	IPOC Station P	4.09	6	eP	Pn	11 25 08.1	-2.2
ROC1	EI Roble	4.25	181	ePn	Pn	11 25 18.6	+6.3
ROC1	EI Roble	4.25	181	eP	Pn	11 25 18.6	+6.3
ASAL	Salagasta	4.25	166	eP	Pn	11 24 48.2	+0.2
PEL	Peldehue	4.42	178	ePn	Pn	11 25 14.6	+0.1
ARCO	CERRO ARCO	4.45	158	eP	Pn	11 25 17.4	+2.4
CYA	Choya	4.49	88	eP	Pn	11 25 16.5	+1.1
CYA				iS	Sn	11 26 05.9	-0.6
CYA	Choya	4.49	88	eS	Sn	11 25 16.5	+1.1
CYA				iS	Sn	11 25 16.5	+1.1
CYA				iS	Sn	11 26 05.9	-0.6
AAGR	Agrelo	4.71	158	eP	Pn	11 25 20.9	+2.4
ACAN	Cantantal	4.78	139	eP	Pn	11 25 20.7	+1.3
FSA	Cafayete	5.08	60	eP	Pn	11 25 26.3	+2.6
AVIZ	Vicacheras	5.17	157	eP	Pn	11 25 26.4	+1.6
PB10	IPOC Station P	5.19	3	ePn	Pn	11 25 21.7	+3.2
PB10	IPOC Station P	5.19	3	eP	Pn	11 25 20.9	-4.1
AHML	Horcito Molle	5.29	70	eP	Pn	11 25 27.1	+0.7
MRA	San Martin	5.50	131	eP	Pn	11 25 33.7	+0.3
TCA	Tanti	6.06	117	eP	Pn	11 25 36.8	-0.2
TCA				eS	Sn	11 26 45.9	+0.9
TCA				IAML		11 27 13.8	
SLA	San Lorenzo	6.25	52	eP	Pn	11 25 42.1	+2.5
GO05	Hualaë0	6.34	188	ePn	Pn	11 25 38.0	-2.7
GO05	Hualaë0	6.34	188	eP	Pn	11 25 37.8	-2.9
PB04	IPOC Station P	6.35	6	ePn	Pn	11 25 36.6	+5.6
AZAP	Zapla	6.88	51	eP	Pn	11 25 48.3	0.0
HJA	Humahuaca	7.38	43	eP	Pn	11 25 55.8	+0.4
ASTB	Santa Barbara	7.48	52	eP	Pn	11 25 55.6	+0.9
COCH	Cobquecura	7.57	192	eP	Pn	11 25 54.2	-3.2
COCH				iS	Sn	11 27 11.2	+2.0
PB01	IPOC Station P	7.74	10	ePn	Pn	11 25 56.3	-3.8
ALOL	LOMAS DE OLMED	7.89	53	eP	Pn	11 26 01.1	-1.0
YJA	Yavi	8.13	38	eP	Pn	11 26 05.0	0.0
PB11	IPOC Station P	8.98	8	ePn	Pn	11 26 11.9	-5.2
CANA	Cavihue	9.15	181	eP	Pn	11 26 20.8	+1.5
NIMC	Minye Minye	9.61	7	ePn	Pn	11 26 21.7	+4.7
TRQA	Tornquist	11.93	144	ePn	Pn	11 26 55.7	-1.3
PLCA	Paso Flores	11.99	179	P	Pn	11 26 55.7	-2.3
PLCA	comp=Z,0.8nm,0.3s,baz=18,slow=12,SNR=28			LR	LR	11 31 16.0	
PLCA	comp=Z,1.08nm,19.1s,baz=354,slow=36			LR	LR	11 32 21.9	
PLCA	Paso Flores	11.99	179	ePn	Pn	11 26 55.3	-2.7
CPUP	Villa Florida	12.28	82	P	Pn	11 26 59.6	-2.2
CPUP	comp=Z,0.4nm,0.3s,baz=253,slow=11,SNR=7.0			LR	LR	11 32 21.9	
CPUP	comp=Z,69nm,18.3s,baz=261,slow=40			LR	LR	11 32 38.4	
CPUP	Villa Florida	12.28	82	ePn	Pn	11 27 01.3	-0.6
LPAZ	La Paz	12.63	12	P	Pn	11 27 03.9	-3.4
LPAZ	comp=Z,0.8nm,0.3s,baz=190,slow=6.7,SNR=13			LR	LR	11 32 38.4	
LPAZ	comp=Z,67nm,21.8s,baz=200,slow=40			LR	LR	11 32 38.4	
LPAZ	La Paz	12.63	12	ePn	Pn	11 27 04.2	-3.1
SIV	San Ignacio	15.57	38	P	Pn	11 27 38.9	-6.6
NNA	comp=Z,1.5nm,0.3s,baz=239,slow=13,SNR=16			P	Pn	11 28 10.6	+0.3
NNA	Nana	17.54	40	P	Pn	11 28 10.6	+0.3
NNA	comp=Z,0.6nm,0.3s,baz=169,slow=15,SNR=4.1			LR	LR	11 33 45.2	
CHRN	Cochrane	18.55	164	eP	Pn	11 28 21.1	-1.0
SAMU	Samuel	20.96	22	eP	P	11 28 46.6	-0.9
GO09	Cerro Castillo	22.56	182	eP	P	11 29 04.7	+0.3
ATAH	Atahualpa	22.60	340	P	P	11 29 08.6	+3.0
ATAH	comp=Z,3.5nm,0.5s,baz=174,slow=12,SNR=3.6			LR	LR	11 37 24.9	
OTAV	Otavallo	29.68	345	eP	P	11 30 07.7	-2.4
OTAV	comp=Z,5.8nm,1.0s			P	P	11 30 09.5	-0.4
PTGA	Pitinga	29.72	22	P	P	11 30 09.5	-0.4
PRAC	Prado	32.47	353	eP	LR	11 33 34.3	+0.2
ROSC	EI Rosal	33.52	354	LR	LR	11 43 39.8	
RPN	Rapa Nui	33.90	263	LR	LR	11 41 08.5	
RUSC	La Rusia	34.47	356	eP	P	11 30 52.7	+0.7
RUSC	comp=Z,1.2nm,1.0s			P	P	11 30 57.1	-0.1
RUSC	La Rusia	34.47	356	eP	P	11 30 56.8	+0.5
HELX	Santa Helena	34.99	352	eP	P	11 30 56.8	+0.5
HELX	comp=Z,92nm,1.6s			P	P	11 30 56.3	0.0
PTBC	Santa Helena	34.99	352	eP	P	11 30 56.3	0.0
MPR	MAYAGUEZ	46.79	5	eP	P	11 32 30.2	-0.6
MPR	comp=Z,81nm,1.5s			P	P	11 33 05.9	-0.1
CMIG	Matias Romero	51.10	330	P	P	11 33 23.4	+1.6
TLIG	comp=Z,7.5nm,0.8s,baz=125,slow=4.0,SNR=16			P	P	11 33 25.5	-0.6
TLIG	TLipa	53.22	326	eP	P	11 33 25.5	-0.6
TLIG	comp=Z,1.1nm,1.0s			P	P	11 33 30.3	-0.4
VNA3	Neumayer Olymp	53.91	159	P	P	11 33 30.3	-0.4
VNA2	Neumayer-Watz	54.33	159	P	P	11 33 30.3	-0.4
VNA2	comp=Z,50nm,18.9s,baz=29,slow=30			LR	LR	11 41 08.5	
RUSC	La Rusia	34.47	356	eP	P	11 30 52.7	+0.7
RUSC	comp=Z,1.2nm,1.0s			P	P	11 30 57.1	-0.1
RUSC	La Rusia	34.47	356	eP	P	11 30 56.8	+0.5
HELX	Santa Helena	34.99	352	eP	P	11 30 56.8	+0.5
HELX	comp=Z,92nm,1.6s			P	P	11 30 56.3	0.0
PTBC	Santa Helena	34.99	352	eP	P	11 30 56.3	0.0
MPR	MAYAGUEZ	46.79	5	eP	P	11 32 30.2	-0.6
MPR	comp=Z,81nm,1.5s			P	P	11 33 05.9	-0.1
CMIG	Matias Romero	51.10	330	P	P	11 33 23.4	+1.6
TLIG	comp=Z,7.5nm,0.8s,baz=125,slow=4.0,SNR=16			P	P	11 33 25.5	-0.6
TLIG	TLipa	53.22	326	eP	P	11 33 25.5	-0.6
TLIG	comp=Z,1.1nm,1.0s			P	P	11 33 30.3	-0.4
VNA3	Neumayer Olymp	53.91	159	P	P	11 33 30.3	-0.4
VNA2	Neumayer-Watz	54.33	159	P	P	11 33 30.3	-0.4
VNA2	comp=Z,50nm,18.9s,baz=29,slow=30			LR	LR	11 41 08.5	
RUSC	La Rusia	34.47	356	eP	P	11 30 52.7	+0.7
RUSC	comp=Z,1.2nm,1.0s			P	P	11 30 57.1	-0.1
RUSC	La Rusia	34.47	356	eP	P	11 30 56.8	+0.5
HELX	Santa Helena	34.99	352	eP	P	11 30 56.8	+0.5
HELX	comp=Z,92nm,1.6s			P	P	11 30 56.3	0.0
PTBC	Santa Helena	34.99	352	eP	P	11 30 56.3	0.0
MPR	MAYAGUEZ	46.79	5	eP	P	11 32 30.2	-0.6
MPR	comp=Z,81nm,1.5s			P	P	11 33 05.9	-0.1
CMIG	Matias Romero	51.10	330	P	P	11 33 23.4	+1.6
TLIG	comp=Z,7.5nm,0.8s,baz=125,slow=4.0,SNR=16			P	P	11 33 25.5	-0.6
TLIG	TLipa	53.22	326	eP	P	11 33 25.5	-0.6
TLIG	comp=Z,1.1nm,1.0s			P	P	11 33 30.3	-0.4
VNA3	Neumayer Olymp	53.91	159	P	P	11 33 30.3	-0.4
VNA2	Neumayer-Watz	54.33	159	P	P	11 33 30.3	-0.4
VNA2	comp=Z,50nm,18.9s,baz=29,slow=30			LR	LR	11 41 08.5	
RUSC	La Rusia	34.47	356	eP	P	11 30 52.7	+0.7
RUSC	comp=Z,1.2nm,1.0s			P	P	11 30 57.1	-0.1
RUSC	La Rusia	34.47	356	eP	P	11 30 56.8	+0.5
HELX	Santa Helena	34.99	352	eP	P	11 30 56.8	+0.5
HELX	comp=Z,92nm,1.6s			P	P	11 30 56.3	0.0
PTBC	Santa Helena	34.99	352	eP	P	11 30 56.3	0.0
MPR	MAYAGUEZ	46.79	5	eP	P	11 32 30.2	-0.6
MPR	comp=Z,81nm,1.5s			P	P	11 33 05.9	-0.1
CMIG	Matias Romero	51.10	330	P	P	11 33 23.4	+1.6
TLIG	comp=Z,7.5nm,0.8s,baz=125,slow=4.0,SNR=16			P	P	11 33 25.5	-0.6
TLIG	TLipa	53.22	326	eP	P	11 33 25.5	-0.6
TLIG	comp=Z,1.1nm,1.0s			P	P	11 33 30.3	-0.4
VNA3	Neumayer Olymp	53.91	159	P	P	11 33 30.3	-0.4
VNA2	Neumayer-Watz	54.33	159	P	P	11 33 30.3	-0.4
VNA2	comp=Z,50nm,18.9s,baz=29,slow=30			LR	LR	11 41 08.5	
RUSC	La Rusia	34.47	356	eP	P	11 30 52.7	+0.7
RUSC	comp=Z,1.2nm,1.0s			P	P	11 30 57.1	-0.1
RUSC	La Rusia	34.47	356	eP	P	11 30 56.8	+0.5
HELX	Santa Helena	34.99	352	eP	P	11 30 56.8	+0.5
HELX	comp=Z,92nm,1.6s			P	P	11 30 56.3	0.0
PTBC	Santa Helena	34.99	352	eP	P	11 30 56.3	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ANMO Albuquerque, N40A Murtquake, O37A Wolf Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RWVW Rawlins, MAW Mawson, MAW Mawson, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

NSSP 22 11:25:22.1, 38°62N-44°20E, h7km, Ms3.9
DDA 22 11:25:23.5, 38°64N-44°22E, h2km, ML3.8
ISN 22 11:25:23.6, 9.4, 38°42N-44°02E, h0km, mb3.9
ISK 22 11:25:24.1, 38°71N-44°06E, h5km, ML4.0
NEIC 22 11:25:24.0, 38°68N-44°17E, h5km, mb4.0/4, ML4.0(ISK), After ISK.
TEH 22 11:25:25.3, 38°66N-44°18E, h5km, ML3.9
CSEM 22 11:25:26.1, 38°63N-44°10E, h2km, mb3.8/8, Error ellipse: s-maj=3.6km s-min=2.8km az=151.0
MOS 22 11:25:27.5, 1.6, 38°76N-44°09E, h15km, mb3.8/8, Error ellipse: s-maj=9.0km s-min=6.1km az=77.6
IDC 22 11:25:28.0, 1.6, 38°95N-44°00E, h0km, mb3.5/7, mbl 3.5/12, mb1mx3/4/9, mbtmp3.5/12, ML2.8/5, MS3.4/3, msl 3/4/3, mslmx2/7/36, Error ellipse: s-maj=26.4km s-min=13.1km az=172.0
ISC 22 11:25:25.7, 1.0, 38°63N-02°44'15E, 0.02, h4km, 7km, n185, 1544/230, mb3.6/10, 21C-21D, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like CLDR Caldiran, VMUR Van-Muradiye, YOVA Hakkari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUKT, ORDubad, GNI, GARNI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANN, BRTR, GEYT, AKTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mb4.2/23, NEIC 22 11:31:02, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MMRI, BSSI, WBSI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK, TKM2, MK31, etc.

WEL 22 11:49:44.3, 44°S, 9°17'3E, h12km, ML3.5/3, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MCQZ, MOZ, EQYZ, etc.

MOS 22 12:26:42.8, 1.1, 51.78N, 95.86E, h10km, mb4.0/4, Error ellipse: s-maj=14.3km s-min=10.4km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KZLR, KZLY, ARDN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM, SONM, NVS, etc.

MEX 22 12:34:15.0, 0.5, 16°31'N, 99°57'W, h29km, gkm, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ACX, ACX, ACX2, etc.

UCR 22 12:54:04.2, 1.4, 12°37'N, 87°38'W, h0km, 4km, MD3.3, ML3.6, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CSGN, CRIN, CRIN, etc.

MEX 22 12:56:24.9, 0.7, 14°30'N, 93°23'W, h8km, 27km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, CCIG, etc.

GUC 22 11:44:21.7, 0.6, 20°45'S, 69°26'W, h106km, 3km, ML3.5, 3C-5D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB08, PB08, PB01, etc.

ISCJB 22 11:44:31.9, 0.7, 48°94'N, 0°05:68'7E, 0.1, h0km, mb3.8/2, Error ellipse: s-maj=10.6km s-min=7.4km az=166.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVA0, BVA0, BVA0, etc.

ISC 22 11:44:34.0, 0.8, 49°04'N, 0°06:68'7E, 0.07, h0km, n16, s162/15, 9C-8D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVA0, BVA0, BVA0, etc.

ASC 22 12:26:49.7, 2.1, 51.74N, 95.38E, h15km, Ms3.1/2, Error ellipse: s-maj=25.9km s-min=14.9km az=43.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CERR, CERR, CERR, etc.

ASC 22 12:26:42.3, 1.1, 51.21°N, 95.38E, h15km, Ms3.1/2, Error ellipse: s-maj=56.3km s-min=23.5km az=150.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKAR, AKAR, AKAR, etc.

ISCJB 22 12:56:41.1, 1.5, 21°05:05:179°0W, 0.3, h619km, mb3.4/7, Error ellipse: s-maj=69.1km s-min=19.3km az=155.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, ASAR, etc.

ISC 22 12:56:42.3, 1.5, 21°05:05:179°0W, 0.3, h619km, n11, s054/11, mb3.4/7, Fiji Islands Region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, ASAR, etc.

ARCS ARCS Array B 129.22 349 PKP PKPdf 13 14 40.7 0.0
AKASG Malin Array Be 143.00 300 PKP PKPab 13 15 04.4 -0.1
BRTR Keskin Array B 146.52 311 PKPb PKPbc 13 15 15.6 -0.3

IDC 22 12:58:44.3:0.9,35:31N:27.08E,h0km,mb3.6/6,
mb1 3.6/10,mb1mx3.5/36,mbmp3.6/10,ML3.5/4,MS2.4/1,
s-min=14.5km az=170.0,
ATH 22 12:58:49.3:35:63N:26.88E,h23km,1km,ML3.3/21,Error
ellipse: s-maj=5.2km s-min=0.7km az=140.0
ISCJB 22 12:58:49.4:0.4,35:50N:0.04:27.05E,0.03,h18km,5km,
mb3.5/6,Error ellipse: s-maj=6.5km s-min=3.6km
az=160.3
CSEM 22 12:58:50.1:0.2,35:55N:26.95E,h20km,ML3.5,Error
ellipse: s-maj=5.2km s-min=3.0km az=161.0
ISK 22 12:58:51.1,35:72N:27.26E,h9km,ML3.3
THE 22 12:58:51.0,35:49N:26.94E,h18km,1km,ML3.5/4,Error
ellipse: s-maj=3.3km s-min=1.0km az=148.0
ISC 22 12:58:49.7:0.8,35:52N:0.04:26.99E,0.03,h33km,4km,
n97,r1935/130,mb3.7,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Karpathos, Zakros, Nisiros, Neapolis, Arkhangelos, Lasithi, Santorini, etc.

Table with columns: VAM, AML, AML, 13 00 05.0, 13 00 17.3, 12 59 26.5 +1.5, etc. Rows include stations like Gaidhos, Agia Marina, lera Moni Meta, etc.

MEX 22 13:04:55.1:0.5,14:74N:93:31W,h16km,999km,MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like PCIG, CCIG, TGIG, etc.

MEX 22 13:24:13.7:0.3,14:74N:93:30W,h16km,999km,MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like PCIG, CCIG, TGIG, etc.

DJA 22 13:25:19.2:0.3,9:5:11:6E,s,h95km,4km,M3.8/13, mb4.0/2,MLV3.7/13,Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like DNP, IGBI, SRBI, PLAI, etc.

UCR 22 13:43:47.2,12:99N:87:38W,h8km,9km,ML3.7

ISCJB 22 13:43:47.8:0.4,12:99N:87:36W,0.04,h20km,4km,
s-min=2.5km az=32.3
SSS 22 13:43:47.2,13:06N:87:36W,h7km,ML3.8
IDC 22 13:43:52.1:1.8,12:75N:87:48W,h62km,25km,mb3.5/8,
mb1 3.9/10,mb1mx3.6/37,mbmp3.8/10,ML3.5/2,MS3.6/7,

M 13 3/7,ms1mx3.1/25,Error ellipse: s-maj=41.3km
s-min=12.1km az=38.0
ISC 22 13:43:46.9:1.1,12:97N:0.06:87:39W,0.04,h8km,8km,
n51,r122/59,mb3.9/8,MS3.3/6,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like CRIN, CNCH, LCND, CNGN, VSM, MOMN, ESTN, etc.

ISCJB 22 13:46:28.2:0.9,43:41N:0.06:145:48E,0.05,h91km,6km, Error ellipse: s-maj=10.2km s-min=4.8km az=152.4

JMA 22 13:46:28.0:1.1,43:43N:145:48E,h90km,1km,M3.6

SKHL 22 13:46:28.7:0.5,43:35N:145:53E,h89km,1km,mb4.6/3,

ISC 22 13:46:28.8:1.7,43:40N:0.06:145:48E,0.05,h89km,10km, n16,r046/31,7C-10,Hokkaido region

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

IDC 22 13:57:01.3i,1.5,2.87S,129.78E,h0km,mb3.4/2, mb1.3/7.4,mb1mx3.4/27,mbtmp3.5/4,ML3.6/2, Error ellipse: s-maj=39.8km s-min=22.6km az=95.0

DJA 22 13:57:04.5i,1.4,3.5s,5.13'0E",h10km,12km,M3.2/6, MLv3.2/6

ISCJBJ 22 13:57:05.5i,0.7,2.67S,0.08h,129.83E,0.08,h25km, mb3.5/2, Error ellipse: s-maj=13.2km s-min=8.2km az=135.6

ISC 22 13:57:04.0i,9.2,7.6S,0.07h,129.87E,0.06,h25km,n10, r19/11,Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, BNDI Bandanaira, AAI Ambon, etc.

WEL 22 13:59:04.0,44'S,173E,h14km,ML3.9/4,South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CRLZ Canterbury Las, MQZ McQueen's Vall, etc.

TIR 22 14:03:21.8,41.32N,19.68E,h36km,2km,ML2.4/16, Error ellipse: s-maj=3.2km s-min=1.2km az=347.0

SKO 22 14:03:22.5,41.22N,19.73E,h19km,M1.0,ML1.5

THE 22 14:03:23.2,41.22N,19.80E,h10km,5km,ML2.4/3, Error ellipse: s-maj=1.3km s-min=1.3km az=114.0

PDG 22 14:03:23.6,0.6,41.22N,19.82E,h22km,1km,ML2.6/14, Error ellipse: s-maj=0.8km s-min=1.2km az=0.0

CSEM 22 14:03:24.0,0.2,41.12N,19.70E,h20km,ML2.4, Error ellipse: s-maj=5.7km s-min=3.0km az=62.0

BEQ 22 14:03:26.5,0.6,41.31N,20.05E,h0km,M2.4/5

ISC 22 14:03:22.6i,0.4,114N,0.01h,19.75E,0.02,h16km,8km, n122,r19/09/201,12C-13D,Albania

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TIR Tirane, PHP Peshkopia, OHR Ohrid, etc.

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KEK Kerkira, SCCTE Santa Cesarea, SCCTE Santa Cesarea, etc.

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GRUS Gruza, BOVS Bovan, AGG Agios Georgios, etc.

Table with columns: MSFE, Esma-Masafi, SNR=8.5, 1.98 140 P, Pn, 14 41 40.2 +1.9, etc.

Table with columns: comp=N,0.3nm,0.6s,baz=8.5,slow=5.2,SNR=7.9, ASAR Alice Springs, 91.45 116 P, P, 14 54 10.0 -1.4, etc.

Table with columns: SRMT, HAKT, HAKKARI, 1.21 159 i, S, Sn, 14 51 38.4 +1.1, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BALB Balikesir, BALB Balikesir, BALLY Balya, etc.

Table with columns: CTA, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Charters Tower, CTAO Charters Tower, PATS Pohnphei, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MOO Moorlands, MOO Moorlands, TOO Toolangi, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUMA Gualdo di Mace, GUMA Gualdo di Mace, TRTR Torretto Alta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBOO Buckleboo, FORT Forrest, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Alice Springs, CTG Charters Towers, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKHL 22:23:42:50:6.1, 4.54:1N-122:78E, etc.

NIED 22:22:52:0.38:70N:141.90E, h59km, Mw4.0 Best double couple: M9.88000x1014 N1.30x27.00000, 855.00000, 1.139.00000, NP2.0x143.00000, 858.00000, 1.63.00000, etc.

IDC 22:23:40:55.1:0.7:2.93S:129.80E, h0km, mb4.2/10, m1.4/4.13, mb1mx4.1/43, mbtmp4.2/13, ML4.2/3, MS3.2/3, MS1.3/2.3, ms1mx2.4/35, Error ellipse: s-maj=28.4km, s-min=14.5km az=76.0

IDC 22:23:40:55.1:0.7:2.93S:129.80E, h0km, mb4.2/10, m1.4/4.13, mb1mx4.1/43, mbtmp4.2/13, ML4.2/3, MS3.2/3, MS1.3/2.3, ms1mx2.4/35, Error ellipse: s-maj=28.4km, s-min=14.5km az=76.0

ISC 22:22:52:0.2:1.0, 38.66N:141.36E:0.08, h58km, 8km, n41, c151/48, mb3.8/17, Near east coast of eastern Honshu

IDC 22:23:40:55.1:0.7:2.93S:129.80E, h0km, mb4.2/10, m1.4/4.13, mb1mx4.1/43, mbtmp4.2/13, ML4.2/3, MS3.2/3, MS1.3/2.3, ms1mx2.4/35, Error ellipse: s-maj=28.4km, s-min=14.5km az=76.0

IDC 22:23:40:55.1:0.7:2.93S:129.80E, h0km, mb4.2/10, m1.4/4.13, mb1mx4.1/43, mbtmp4.2/13, ML4.2/3, MS3.2/3, MS1.3/2.3, ms1mx2.4/35, Error ellipse: s-maj=28.4km, s-min=14.5km az=76.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, JMK Ichinoseki, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, BNDI Bandanaira, AAI Ambon, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHN Khani, BMRK Bormnak, CRK Chara, etc.

ISCJB 22:23:37:30.3:0.6:5.37S:109.154E:0.09, h150km, mb3.7/11, Error ellipse: s-maj=15.6km s-min=9.8km az=44.6

IDC 22:23:37:30.3:0.6:5.37S:109.154E:0.09, h150km, 3km, mb3.6/12, mb1.3/8.14, mb1mx3.6/40, mbtmp3.7/14, ML3.5/4, Error ellipse: s-maj=20.0km s-min=16.9km az=79.0

IDC 22:23:37:30.3:0.6:5.37S:109.154E:0.09, h150km, 3km, mb3.6/12, mb1.3/8.14, mb1mx3.6/40, mbtmp3.7/14, ML3.5/4, Error ellipse: s-maj=20.0km s-min=16.9km az=79.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MNSI, SISI, PKDT, SURAT, SKLT, PALK, etc.

ISCJB 23 00:02:13.2, 0.4, 38.61S; 0.03:176.17E; 0.04, h125km, 3km, mb3.8/3, Error ellipse: s-maj=5.4km s-min=4.1km az=37.2

WEL 23 00:02:13.2, 0.3, 39.5S; 3.17E; h122km, 3km, ID 23 00:02:13.2, 1.2, 38.81S; 176.45E; h121km, 10km, mb3.4/3, m1.3, 7.74, mb1.3, 4.24, mbtmp3.94, Error ellipse: s-maj=37.0km s-min=23.6km az=160.0

NEIC 23 00:02:14.7, 0.0, 38.51S; 176.16E, h113km, ML4.6(WEL), After WEL.

NEIC Flt at Gisborne and along the east coast of the North Island.

ISC 23 00:02:13.6, 0.8, 38.63S; 0.04:176.12E; 0.04, h126km, 5km, n154, c1947/163, mb3.8/3, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WPRZ, WHAKAPAPATARIN, WHZ, WHAKAORA, ALRZ, ALLEN ROAD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PNWZ, PUKENUI, KAHZ, KAHURANAKI, etc.

ISCJB 23 00:02:23.3, 1.1, 32.25N; 0.08:115.3W; 0.2, h25km, 13km, Error ellipse: s-maj=25.7km s-min=6.4km az=150.4

MEX 23 00:02:23.0, 4.7, 32.43N; 115.15W, h39km, 7km, MD3.4

ECX 23 00:02:25.3, 0.4, 32.21N; 115.29W, h8km, MD2.1, ML2.4

ISC 23 00:02:23.0, 1.7, 32.3N; 0.1x115.2W; 0.2, h27km, 16km, n9, c1929/16, 1C, California-Baja California border region

Code Station Name Az Az2 Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MBIG, MEXICALI, MBIG, CERRO PRIETO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FWVZ, FAR WEST T-BAR, MOVZ, MOAWHANGO, etc.

ISCJB 23 00:15:16.3, 0.6, 31.02S; 0.03:69.53W; 0.04, h125km, 6km, Error ellipse: s-maj=6.6km s-min=4.1km az=160.0

GUC 23 00:15:16.4, 0.6, 31.01S; 69.56W, h107km, 11km, ML3.7

SJA 23 00:17:05.6, 4.1, 31.07S; 69.61W, h117km, 8km, ML3.5, MMV3.7, Fault plane solution: NP1; p.20.00000, s38.00000, lambda-173.00000

ISC 23 00:15:15.4, 1.4, 31.07S; 0.03:69.59W; 0.04, h135km, 9km, n27, c1967/46, 14C-9D, SAN JUAN PROVINCE

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LEONCITO, MOGNA, CERRO VILICUN, etc.

OTT 23 00:30:12.2, 0.3, 74.43N; 85.98W, h18km, MN3.5/7, 110km west from Dundas Harbour, NU Eastern Arctic Background Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RESOLUTE BAY, TULEG THULE, IGLIOLIK, NUNA, etc.

ISCJB 23 00:55:23.7, 0.6, 49.83N; 0.06:181.51E; 0.04, h0km, Error ellipse: s-maj=6.7km s-min=3.3km az=174.3

IPEC 23 00:55:24.6:0.2, 49.82N-18.58E, h0km, 4km, ML1.5/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Moravsky Berou, Ojcow, Niedzica, etc.

ISK 23 00:57:15.0, 38.62N-43.18E, h20km, ML2.3 ISCBJ 23 00:57:17.4, 20.38, 67N, 0.03, 43.19E, 0.07, h12km, 11km, Error ellipse: s-maj=9.7km s-min=4.9km az=15.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Van, Gevas, ERDIS-VAN, etc.

IDC 23 01:04:23.6:5.3, 36.00N-71.21E, h98km, 33km, mb3.4/5, mb1.3/3/10, mb1mx3.1/44, mbtmp3.6/10, Error ellipse: s-maj=65.3km s-min=26.5km az=144.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK, GEYT, PYUN, MKAR, DMN, PKIN, etc.

ECX 23 01:05:43.1±0.3, 32.19N-115.24W, h8km, MD2.2, ML2.4 MEX 23 01:05:43.6±0.6, 32.22N-115.16W, h25km, 16km, MD3.6

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

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

IDC 23 01:19:29.5:2.0, 9.35S-126.08E, h0km, mb3.2/1, mb1.3/9/3, mb1mx3.4/36, mbtmp3.7/3, ML3.3/2, MS3.8/1, Ms1.3/8.1, ms1mx2.9/12, Error ellipse: s-maj=17.12km s-min=3.33km az=58.0, Timor region

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

ISCJB 23 01:32:59.0:0.6, 2.45N:0.06x128.6E:0.1, h200km, mb3.7/11, Error ellipse: s-maj=15.2km s-min=8.0km

IDC 23 01:33:04.3:1.8, 2.39N:128.57E, h23km, 18km, mb3.4/12, mb1.3/13, mb1mx3.3/39, mbtmp4.0/13, Error ellipse: s-maj=27.7km s-min=10.3km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI, LBI, SWI, SJJI, SANI, etc.

MEX 23 01:35:22.6:0.4, 15.98N-97.62W, h13km, 8km, MD3.6, Near coast of Oaxaca

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

ISCJB 23 01:47:21.2±2.5, 14.8S:0.1x167.0E:0.3, h67km, mb3.7/5, Error ellipse: s-maj=48.4km s-min=12.7km az=166.9

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

MEX 23 01:53:07.3:0.4, 17.37Nx100.92W, h5km, MD3.7, Guerrero

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

IDC 23 02:05:39.9:2.0, 6.81S:128.85E, h0km, mb3.4/1, mb1.3/5/4, mb1mx3.4/33, mbtmp3.3/4, ML3.2/3, Error ellipse: s-maj=85.3km s-min=27.7km az=75.0, Banda

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

ISCJB 23 02:06:00.8:0.8, 34.96N:0.06x23.14E:0.06, h66km, 6km, mb3.5/6, Error ellipse: s-maj=11.5km s-min=4.6km az=36.6

ATH 23 02:06:00.7, 34.98N:23.18E, h41km, 2km, ML3.3/2, Error ellipse: s-maj=4.1km s-min=1.4km az=39.0

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

ISCJB 23 02:06:02.3:1.3, 34.98N:0.07x23.18E:0.06, h52km, 13km, n104, r1809/120, mb3.8/6, Crete

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

23d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EIL, AKASO, ESDC, FINES, TORD, ARCES, MKAR, ZALV.

ISC/JB 23 02:11:20.6:0.9,36:84N:0:06:31:21E:0:05,h8km,6km, Error ellipse: s-maj=10.5km s-min=6.5km az=166.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KEPZ, ANTB, SUTC, KORT, BCK, ELL, DOGA, GOLH, KONT, TEKE, FETHY, TEVE.

MEX 23 02:16:51.1:0.5,14:67N:93:34W,h16km,gggkm,MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PCIG, CGIG, TGIG.

ISC/JB 23 02:32:35.9:0.6,37:21N:0:03:36:98E:0:03,h2km,6km, Error ellipse: s-maj=5.3km s-min=3.9km az=15.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HCB, GAZ, KAMA, KMRS, ANDN, ANDN, KOZT, KAZT, CEYT, ADANA, SAIM, ELBS, AKCD, SURC, YAYL, DARE, URFA, MALT.

ISC/JB 23 02:36:31.2:0.4,19:31N:0:05:155:08W:0:03,h13km,2km, mb4.7/134,MS3.9/22, Error ellipse: s-maj=8.5km

IDC 23 02:36:31.4:0.8,19:26N:155:13W,h0km,mb4.4/19, mb1.4/6/19,mb1mx4.4/51,mbtmp4.4/19,MS3.8/17, Ms1.3/8/17,ms1mx3.6/41, Error ellipse: s-maj=25.8km

2012 JAN

ML4.7(HVO), After HVO. NEIC Felt [IV] at Hakalau, Hilo, Honoma, Ninole, Pa'uailo, Papa'ikou, Pepeeeko and Volcano: [III] at Captain Cook, Hawaii National Park, Hualaloe, Honaunau, Honoka'a, Kea'au, Kurtistown, Laupahoehoe, Mountain View, Pahoa and Palapa'alo. Felt widely on the Island of Hawai'i. Also felt at Kihai, Lahaina and Makawao, Maui. BUJ 23 02:36:32.4, 19:63N:155:49W,h8km,mb4.9/32,mb5.3/20, Ms4.9/7,Ms7.4/6/3

ISC 23 02:36:33.0:0.8,19:41N:0:05:155:17W:0:03,h13km,4km, n56.4,r19/541,mb4.8/134,MS3.9/22,9C,Hawaiian Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STCH, NPOC, PUH, JCUZ, BYL, HATHI, KKO, SBLHL, RIM, UWB, NPH, NPH, OBL, UWE, WRMH, HLP, HLD, MLH, AIN, MLOA, MWH, POHA, IS9US, IS9US, HPAH, HPAH, HLE, HON, HON, HON, HON, KIP, KIP, KIP, OPA, OPA, OPA, KEKH, TAOE, TAOE, PMOR, L02D, M02C, ORV, AFDM, YBH, YBH, YBH, OSI, VES, H1N3, H1N2, H1N1, H1S2, H1S1, H1S3, ISA, ISA, ISA, EDW, MURC, PAHR, MPAC, NVAR, PPT, PPT2, PPT2, TIAR, PAE, GSC, TVO, KVN, KVN, I05D, HEC, SWSC, BELC, SHOS, BC3, H02S1, TUQC, TPNV, TPNV, IRM, GLA, GLA, GLA.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LDFC, Y12C, Y12C, SHPR, R11A, R11A, PDMO, M13A, W13A, 214A, LCMT, CCUT, SZCU, U15A, C09A, HSIG, X16A, TCRU, MTPU, SVWZ, TUC, TUC, TUC, WUAZ, WUAZ, DUG, H06S1, HLID, HLID, MSU, MSU, H06E1, BGU, SPU, SPU, NEW, SUEA, NLU, HVU, HVU, SPUT, MPU, CTU, X18A, JLU, TBI, TBI, TBI, TCUT, HWUT, SRU, SRU, MSO, PPLA, JTMT, DLMT, DHY, PV05, PV09, PAX, PAX, PAX, TPWA, REDW, PV10, TRF, SNOW, RND, RND, RND, IMW, MENT, KTH, 121A, MOOW, MVCO, MVCO, YHB, BOZ, WALA, PV01, MCK, MCK, MCK, BPWA, PD31, PDAR, LAZ.

O20A	White River Ci	45.06	52	P	P	02 44 49.5 +0.2
HDA	Harding Lake	45.31	5	eP	P	02 44 51.9 +1.3
CCB	Clear Creek Bu	45.48	4	eP	P	02 44 52.9 +1.0
ANMO	Albuquerque	45.57	60	P	P	02 44 53.6 +0.2
ANMO	Albuquerque	45.57	60	ceP	P	02 44 54.8 +1.4
ANMO	Albuquerque	45.57	60	ceP	Pmax	02 44 54.4 +1.0
ILAR	Eliason Array	45.67	5	P	P	02 44 54.0 +0.6
ILAR	4UR Ranch, Cre	45.67	56	P	LR	03 00 52.8
ILB	4UR Ranch, Cre	45.67	56	P	P	02 44 54.3 +0.9
S22A	Manley	45.67	56	P	P	02 44 54.8 +0.5
S22A	4UR Ranch, Cre	45.67	56	P	P	02 44 55.4 +1.2
MLY	Manley	45.69	3	eP	P	02 44 54.2 +0.6
RLMT	Red Lodge	45.70	45	P	P	02 44 54.7 +0.4
RLMT	Red Lodge	45.70	45	eP	P	02 44 55.3 +2.0
GAMB	Gambell	45.74	350	eP	P	02 44 56.3 +1.4
MDM	Murphy Dome	45.76	4	eP	P	02 44 55.4 +1.3
SMCO	Snowmass	45.82	54	eP	P	02 44 56.9 +1.3
DAWY	Dawson	45.88	10	eP	P	02 44 56.1 +0.9
MNTX	Cornudas Mount	46.19	64	P	P	02 44 58.5 +0.4
MNTX	Cornudas Mount	46.19	64	eP	P	02 44 59.7 +1.6
EGMT	Eagleton	46.40	41	P	P	02 45 00.4 +0.8
EGMT	Eagleton	46.40	41	P	P	02 45 01.2 +1.6
RKT	Rikitea	46.64	154	eLR	LR	02 58 02.3
RKT	Rikitea	46.64	154	eT	T	03 34 40.3
SDCO	Great Sand Dun	46.71	56	P	P	02 45 03.3 +0.9
SDCO	Great Sand Dun	46.71	56	eP	P	02 45 02.4 -0.1
K22A	Casper	46.91	49	P	P	02 45 04.0 +0.3
K22A	Casper	46.91	49	eP	P	02 45 05.0 +1.3
N23A	Red Feather La	46.94	52	P	P	02 45 05.1 +0.9
N23A	Red Feather La	46.94	52	eP	P	02 45 05.8 +1.6
ISCO	Idaho Springs	46.97	53	P	P	02 45 04.8 +0.3
Q24A	Divide	47.18	55	P	P	02 45 06.6 +0.5
Q24A	Divide	47.18	55	eP	P	02 45 06.8 +0.7
MHTCO	State Highway	47.26	57	eP	P	02 45 08.1 +1.5
T25A	Trinidad	47.49	57	P	P	02 45 08.9 +0.5
T25A	Trinidad	47.49	57	eP	P	02 45 09.2 +0.8
TX31	Lajitas Ar	47.62	68	P	P	02 45 11.3 +2.0
TXAR	Lajitas Array	47.62	68	P	P	02 45 11.0 +1.6
TXAR	Lajitas Array	47.62	68	P	LR	03 01 50.5
TXAR	Lajitas Array	47.62	68	P	P	02 45 11.0 +1.6
COLD	Coldfoot	47.91	3	eP	P	02 45 12.1 +1.2
LAO	LASA Array	48.21	44	P	P	02 45 14.4 +0.8
LAO	LASA Array	48.21	44	eP	P	02 45 15.4 +1.7
MSTX	Muleshoe	48.52	62	P	P	02 45 16.9 +0.6
MSTX	Muleshoe	48.52	62	eP	P	02 45 17.4 +1.2
RSSD	Black Hills	49.02	48	P	P	02 45 20.4 +0.3
RSSD	Black Hills	49.02	48	eP	Pmax	02 45 20.7 +0.6
RSSD	Black Hills	49.02	48	eP	Pmax	02 45 20.7 +0.6
RSSD	Black Hills	49.02	48	eP	P	02 45 21.7 +0.6
KSCO	Kaye Shedlock	49.13	55	P	P	02 45 21.7 +0.7
KSCO	Kaye Shedlock	49.13	55	eP	P	02 45 22.5 +1.6
PETK	Petropavlovsk	49.41	324	P	P	02 45 24.2 +1.5
PETK	Petropavlovsk	49.41	324	P	LR	03 03 22.8
AMTX	Amarillo	49.47	60	P	P	02 45 23.1 -0.5
OGNE	Ogallala	49.66	5	P	P	02 45 26.2 -0.3
DGMT	Dagmar	50.05	42	P	P	02 45 28.6 +0.9
INK	Inuvik	50.74	10	P	P	02 45 33.3 +0.8
INK	Inuvik	50.74	10	eP	Pmax	02 45 33.3 +0.8
INK	Inuvik	50.74	10	eP	P	02 45 33.2 +0.8
JCT	Junction City	50.96	66	P	P	02 45 34.8 -0.1
JCT	Junction City	50.96	66	eP	Pmax	02 45 35.3 +0.4
JCT	Junction City	50.96	66	eP	Pmax	02 45 35.3 +0.4
ABTX	Abilene, Hawle	51.09	63	P	P	02 45 35.8 0.0
ABTX	Abilene, Hawle	51.09	63	eP	P	02 45 36.5 +0.7
YKA	Yellowknife Ar	51.28	23	P	P	02 45 37.3 +0.6
YKW3	Yellowknife Ar	51.32	23	eP	P	02 45 37.2 +0.3
CBKS	Cedar Bluff	51.34	55	P	P	02 45 37.8 +0.2
833A	Chapparral WMA	51.39	69	P	P	02 45 38.6 +0.5
U32A	Winter Ranch,	51.74	59	P	P	02 45 40.5 -0.1
K31A	O'Neill	52.53	51	P	P	02 45 45.7 -0.7
BGNE	Belgrade	52.83	52	P	P	02 45 48.7 0.0
BGNE	Belgrade	52.83	52	eP	P	02 45 49.8 +1.1
435B	Jarrell	52.86	66	P	P	02 45 48.7 -0.3
MDND	Madlock	52.87	44	P	P	02 45 49.6 +0.9
WHTX	Lake Whitney,	52.94	64	P	P	02 45 47.7 -1.9
L32A	Elgin	53.00	52	P	P	02 45 50.0 0.0
H31A	Wolsey	53.01	49	P	P	02 45 50.3 +0.4
K32A	Verdigre	53.11	51	P	P	02 45 50.8 +0.1
O33A	Hebron	53.12	54	P	P	02 45 50.8 0.0
T34A	McClaskey Farm	53.23	58	P	P	02 45 51.0 -0.6
R34A	Isabella, Hill	53.25	56	P	P	02 45 50.8 -0.2
J32A	Parkston	53.29	50	P	P	02 45 51.8 -0.2
G31A	Conde	53.31	48	P	P	02 45 52.0 -0.1
X35A	Drake	53.34	61	P	P	02 45 51.7 -0.7
F31A	Hecla	53.39	47	P	P	02 45 52.0 -0.6

W35A	Tecumseh	53.43	60	P	P	02 45 52.1 -1.0
V35A	Meyer Ranch, C	53.47	59	P	P	02 45 53.0 -0.4
TLIG	Triapa	53.51	82	eP	P	02 45 55.4 +1.3
Q34A	Chapman	53.53	56	P	P	02 45 53.8 0.0
M33A	Taylor Creek F	53.56	52	P	P	02 45 53.8 -0.2
L33A	Hoskins	53.57	52	P	P	02 45 54.2 +0.2
I32A	Karley and Nic	53.66	49	P	P	02 45 54.3 -0.4
P34A	Walnut Farm, R	53.66	55	P	P	02 45 54.5 -0.3
H32A	Carlson Farm	53.75	49	P	P	02 45 55.1 -0.2
E31A	Nome	53.76	46	P	P	02 45 55.3 0.0
T35A	Sooner Cattle	53.77	58	P	P	02 45 55.5 -0.1
KSU1	Kansas State U	53.80	55	P	P	02 45 55.5 -0.3
KSU1	Kansas State U	53.80	55	eP	P	02 45 56.3 +0.5
O34A	Beatrice	53.81	54	P	P	02 45 55.6 -0.3
G32A	Webster	53.81	48	P	P	02 45 55.8 0.0
K33A	Hardington	53.81	51	P	P	02 45 56.2 +0.3
X36A	Centrahoma	53.85	61	P	P	02 45 56.5 +0.3
Y36A	Durant	53.91	62	P	P	02 45 56.4 -0.2
J33A	Davis	53.92	50	P	P	02 45 56.7 +0.1
S35A	Otter Creek Ra	53.95	57	P	P	02 45 57.1 +0.2
W36A	Wetumka	53.96	60	P	P	02 45 57.1 +0.1
D31A	McClaffin, Tow	53.96	45	P	P	02 45 56.8 0.0
M34A	Aspy Farms, Fr	54.01	52	P	P	02 45 56.8 -0.5
N34A	Lincoln	54.01	53	P	P	02 45 56.8 -0.5
R35A	Emporia Munic	54.08	56	P	P	02 45 57.7 -0.1
C31A	Landman Farms,	54.09	45	P	P	02 45 58.0 +0.2
I33A	Coleman	54.14	49	P	P	02 45 57.5 -0.7
F32A	Veblen	54.17	47	P	P	02 45 57.5 -0.9
V36A	Jenks	54.20	59	P	P	02 45 57.2 -1.5
L34A	Svendsen Farm,	54.21	52	P	P	02 45 57.7 -1.1
ECSD	EROS Data Cent	54.23	50	P	P	02 45 58.6 -0.3
ECSD	EROS Data Cent	54.23	50	eP	P	02 45 59.1 +0.3
Q35A	Mercer Eighty,	54.23	56	P	P	02 45 58.9 -0.9
H33A	Pre Over Nor	54.26	48	P	P	02 45 58.9 -0.1
B31A	Greenbush Farm	54.26	44	P	P	02 45 59.0 0.0
T36A	Boys Farm, Ca	54.28	58	P	P	02 45 59.3 0.0
P35A	Duane Minner,	54.28	55	P	P	02 45 59.5 +0.2
BILL	Bilbino	54.29	343	eP	Pmax	02 46 00.2 +1.4
BILL	Bilbino	54.29	343	eP	Pmax	02 47 08.3
BILL	Bilbino	54.29	343	eS	Pmax	02 53 54.6 +1.9
TUL1	Leard	54.32	59	P	P	02 45 59.5 -0.1
E32A	Braaten, Kindr	54.32	46	P	P	02 45 59.7 +0.2
U36A	Oologah	54.38	59	P	P	02 46 00.5 +0.4
O35A	Humboldt	54.42	54	P	P	02 46 00.8 +0.5
D32A	Dogwood Acres,	54.45	45	P	P	02 45 59.8 -0.6
K34A	Le Mars	54.49	51	P	P	02 46 00.5 -0.2
S36A	Lake Cedric, C	54.53	57	P	P	02 46 00.7 -0.4
G33A	Ortonville	54.55	48	P	P	02 46 00.7 -0.4
R36A	Gordon, Harris	54.56	52	P	P	02 46 01.4 -0.4
J34A	George	54.65	50	P	P	02 46 01.2 -0.7
A31A	Linda, St. Vin	54.66	43	P	P	02 46 01.4 -0.5
N35A	Tabor	54.66	53	P	P	02 46 02.0 0.0
M35A	Neola	54.67	53	P	P	02 46 01.9 -0.2
Q36A	Arnold C. Orve	54.68	56	P	P	02 46 02.4 +0.2
F33A	5 Mile Ranch,	54.74	47	P	P	02 46 01.9 -0.6
I34A	Hadley	54.81	49	P	P	02 46 03.1 0.0
L35A	Blow Farm, R	54.84	52	P	P	02 46 03.1 -0.2
V37A	Hulbert	54.85	59	P	P	02 46 03.0 -0.4
U37A	Salina	54.88	59	P	P	02 46 03.5 -0.1
C32A	Crookston	54.89	45	P	P	02 46 03.9 +0.3
P36A	Good Intent, A	54.92	55	P	P	02 46 03.9 0.0
138A	Matatal Enter	54.93	63	P	P	02 46 04.1 0.0
H34A	Spellman Lake,	54.94	49	P	P	02 46 04.1 +0.1
B32A	Ashes, Strandg	54.99	44	P	P	02 46 04.1 -0.2
E33A	Westby DABS, E	55.03	46	P	P	02 46 04.0 -0.6
T37A	Cheneyville 18	55.05	58	P	P	02 46 03.9 -0.9
A32A	Rocking H Ranc	55.11	43	P	P	02 46 04.9 -0.2
G34A	Benson	55.11	48	P	P	02 46 04.8 -0.4
K35A	Storm Lake	55.12	51	P	P	02 46 04.3 -1.0
S37A	Fort Scott	55.13	57	P	P	02 46 05.8 +0.3
R37A	Teagarden Farm	55.16	56	P	P	02 46 05.8 +0.2
N36A	Muff Farm, Cla	55.18	53	P	P	02 46 05.8 0.0
Y38A	Idabel	55.20	62	P	P	02 46 04.7 -1.3
J35A	Millford	55.20	50	P	P	02 46 05.2 -0.7
D33A	AnnSam, Waubun	55.24	46	P	P	02 46 05.8 -0.3
NATX	Nacogdoches	55.33	64	P	P	02 46 07.0 0.0
M36A	Felix, Anita	55.34	53	P	P	02 46 06.9 0.0
C33A	Trail	55.38	45	P	P	02 46 06.6 -0.6
AGMN	Agassiz Nation	55.41	44	P	P	02 46 07.0 -0.4
AGMN	Agassiz Nation	55.41	44	eP	P	02 46 06.8 -0.6
I35A	Creekview Farm	55.42	50	P	P	02 46 07.0 -0.5
V38A	Canehill	55.44	59	P	P	02 46 07.3 -0.4
F34A	Alexandria	55.45	47	P	P	02 46 07.3 -0.4
U38A	Gravette	55.47	59	P	P	02 46 07.5 -0.4

Q37A	Longview Farm,	55.47	56	P	P	02 46 07.8 -0.1
L36A	Harm Buss Farm	55.49	52	P	P	02 46 07.8 -0.2
MA2	Maquadan	55.51	330	P	P	02 46 09.7 +1.9
MA2	Maquadan	55.51	330	ceP	P	02 46 09.3 +1.5
T38A	Diamond	55.55	58	P	P	02 46 08.5 0.0
P37A	Lathrop	55.58	55	P	P	02 46 08.3 -0.3
B33A	Robert and Kas	55.59	44	P	P	02 46 08.9 +0.3
E34A	Wadena	55.61	46	P	P	02 46 07.9 -0.9
H35A	Sunnyside Ranc	55.62	49	P	P	02 46 08.5 -0.3
D34A	Park Rapids	55.67	46	P	P	02 46 08.8 -0.4
K36A	Gilmore City	55.69	51	P	P	02 46 09.0 -0.4
X39A	Fountain Ranch	55.70	61	P	P	02 46 09.7 +0.1
Y39A	Lockesburg	55.73	62	P	P	02 46 08.0 -1.8
N37A						

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K39A, N40A, J39A, G38A, C37A, M40A, F38A, R41A, V42A, Q41A, U42A, L40A, E38A, T42A, P41A, H39A, G39A, Q41A, EYMN, N41A, R42A, S42A, F39A, M41A, L41A, P42A, 244A, M42A, T43A, JFW5, Q42A, S43A, N42A, G40A, J41A, R43A, I41A, M42A, C39A, Q43A, P43A, HD1L, P44A, Y46A, M42A, MJAR, R45A, Q45A, V47A, A46A, T46A, L47A, Q45A, P45A, S46A, Z47A, X47A, R46A, Y47A, M45A, V47A, F43A, P46A, S48A, SFIN, SFIN, U47A, U47A, V48A, R47A, LRAL, U48A, P47A, BRAL, T48A, Q47A, WCI, E44A, Z49A, S48A, Y49A, X49A, E45A.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like X50A, TZTN, USRK, KLR, TIGA, ZEA, TIXI, TIXI, TIXI, TIXI, O56A, JTS, KRSR, KRSR, KRSR, KRSR, TULEG, FRB, NJ2, NJ2, BJI, BJI, BJT, BJT, BJT, DAV, SFJD, SFJD, SOTA, STKA, SUMG, SUMG, WRAB, WRA, WRA, HHC, HHC, HHC, HHC, HHC, HHC, BARC, CHIC, PAMC, DAG, DAG, RUSC, ULN, ULN, ULN, ASAR, ASAR, SOMN, TLY, TLY, TLY, SDV, ZAK, ZAK, XAN, XAN, XAN, XAN, ENH, LZH, LZH, LZH, LZH, G7A, G7A, G7A, G7A, G7A, SFIN, SFIN, U47A, U47A, V48A, R47A, LRAL, U48A, P47A, BRAL, T48A, Q47A, WCI, E44A, Z49A, S48A, Y49A, X49A, E45A.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CMAR, PLCA, NOA, KLMR, KLMR, FINES, KIV, KIV, TORO, TORO, IDC 23 02:46:56.4, WRA, WRA, ASAR, GUMO, MKAR, IDC 23 03:02:40.1, GUC, NEIC, IDC 23 03:02:43.0, TMU, TMU, COCH, COCH, VLCH, GO05, GO05, PLCA, PLCA, PLCA, TRQA, CPUP, SIV, PMSA, GSPA, DBIC, TORD, ABKAR, BVAR, MKAR, IDC 23 03:04:43.2, IDC 23 03:04:44.6, DJA, IDC 23 03:04:45.0, SOEI, SOEI, MSAI, MSAI, SANI, SANI, WBSI, TTSI, APSI, KMSI, FAKI, SIJI, SIJI, SWI, FITZ, BLJI, WRA, WRA, ASAR, ASAR, ASAR, CTA, STKA, CMAR, CMAR, ODAN, TAPN, RAMM.

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

CSEM 23 03:10:12.9:0.2,39:27N:15:44E,h2km,ML3.77,Error ellipse: s-maj=4.6km s-min=2.2km az=90.0

ROM 23 03:10:13.8:0.4,39:30N:15:53E,h8km,5km,az=92.0/30, Error ellipse: s-maj=1.1km s-min=1.5km az=17.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CET2 Cetraro, STR3 STROMBOLI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDRU Civita di Ruta, MCSR Casale, etc.

MOS 23 03:26:56.4:1.9,19:58S:178:34W,h513km,mb4.6/14, Error ellipse: s-maj=12.8km s-min=11.3km az=49.6

WEL 23 03:27:02.0:1.9,19:82S:178:41E,h592km, NEIC 23 03:27:02.0:1.9,19:82S:178:41W,h592km,7km

ISC 23 03:27:02.0:1.9,19:83S:178:25W,0.05,h600km, n484, s128/525, mb4.6/149,36C-23D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PATS Pohnpei, COEN Coen, STKA Stephens Creek, etc.

23d 3h

Table with columns: ID, Name, Comp, Z, SNR, Slope, P, S, M, Max, Min, etc. Includes entries like 214A Organ Pipe Nat, KVN Kaiserville, KVN Kaiserville, etc.

2012 JAN

Table with columns: ID, Name, Comp, Z, SNR, Slope, P, S, M, Max, Min, etc. Includes entries like MLY Manley, SLY Syowa Base, SYO Syowa Base, etc.

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Table with columns: ID, Name, Comp, Z, SNR, Slope, P, S, M, Max, Min, etc. Includes entries like DGMT Dagmar, SONM Songino Array, O33A Hebron, etc.

Table with columns: BRG, comp-Z, epPKP, pPKPab, 03 47 59.4 +1.3, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: YOPC, YOPC, YOPC, 1.40 200, 1.82 284, etc. Lists astronomical observations from Yopal, Colombia and Barranca, Sant.

Table with columns: PB06, FSA, FSA, 3.13 101, 3.63 78, etc. Lists astronomical observations from Tololo Observa and San Lorenzo.

Table with columns: IDC 23 04:05:27.8, 1.3, 7.27N, 72.34W, etc. Lists astronomical observations from IDC 23 04:05:27.8.

Table with columns: GUC 23 04:04:07.0, 7.0, 3.25:63S, 69:19W, etc. Lists astronomical observations from GUC 23 04:04:07.0.

Table with columns: CMAR, CMAR, STKA, STKA, 1.01 311, 1.25 266, etc. Lists astronomical observations from CMAR and STKA.

23d 5h

Table with columns: KMI, Kuning, 36.02 343, P, P, 04 23 04.8 +2.6, etc. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, NJ2 Nanjing, XAN Xi'an, etc.

NEIC 23 04:40:34.2e.0, 47.04Sx164.69E, h12km, ML4.2(WEL), After WEL

WEL 23 04:41.9, 47.5S, 133.16E, h33km, ML4.0/5, Off west coast of South Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PYZ Puysegur Point, PYZ Puysegur Point, etc.

2012 JAN

Table with columns: APZ The Paps, APZ The Paps, DCZ Deep Cove, DCZ Deep Cove, etc. Includes stations like WHZ Wether Hill Ro, WHZ Wether Hill Ro, etc.

IDC 23 04:41:39.8e.4, 20.155x178.10W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/23, mbtmp4.1/3, Error ellipse: s-maj=184.2km s-min=54.2km az=144.0, Fiji Islands region

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

IDC 23 04:57:25.9e.1, 6.842S, 124.53E, h0km, mb3.3/1, mb1 4.2/3, mb1mx3.4/32, mbtmp3.9/3, ML4.2, Error ellipse: s-maj=146.2km s-min=30.6km az=60.0

ISCJB 23 04:57:27.6e.1, 1.835S, 109.12477E, 0.09, h20km, mb3.4/1, Error ellipse: s-maj=14.1km s-min=10.7km

DJA 23 04:57:40.4e.1, 9.9S, 7.12E, h29km, 28km, M4.3/7, mb4.7/1, ML4.1/7

ISC 23 04:57:29.6e.1, 3.83S, 0.1x124.59E, 0.09, h20km, n9, c256/12, Timor region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, MMRI Maumere, EDFI Ende, etc.

IDC 23 05:06:35.1e.2, 54.16N, 86.51E, h0km, mb1 3.0/2, mb1mx2.8/45, mbtmp3.0/2, ML3.1/2, Error ellipse: s-maj=20.2km s-min=11.8km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALEVOV INFRA, ZALV Zalevov Beam, ZALV Zalevov Beam, etc.

ISCJB 23 05:18:24.8e.0, 8.56S, 144S, 0.10x27.4W, 0.3, h112km, mb4.2/0, Error ellipse: s-maj=27.2km s-min=12.7km

IDC 23 05:18:29.8e.2, 7.56S, 148S, 27.48W, h143km, 23km, mb3.9/6, mb1 4.0/7, mb1mx3.7/26, mbtmp4.3/7, Error ellipse: s-maj=24.3km s-min=17.6km az=80.0

ISC 23 05:18:25.7e.0, 7.56S, 5S, 0.1x27.5W, 0.2, h112km, n16, c182/17, mb4.2/6, South Sandwich Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA3 Sanae, etc.

ISCJB 23 05:22:51.1e.0, 9.32S, 37N, 0.09x115.38W, 0.06, h21km, 9km, Error ellipse: s-maj=15.6km s-min=6.5km az=24.7

MEX 23 05:22:51.3e.1, 0.32S, 53N, 115.20W, h32km, 9km, MD3.3

ECX 23 05:22:52.6e.0, 3.32S, 35N, 115.42W, h5km, MD1.7, ML1.9

ISC 23 05:22:50.5e.1, 3.32N, 0.07x115.36W, 0.07, h26km, 10km, n9, c0945/15, 2D, California-Baja California border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ILAR Eielson Array, etc.

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Table with columns: CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, etc. Includes stations like MBIG Mexicali, WESC Westside Schoo, etc.

IDC 23 05:28:02.1e.2, 0, 18.69S, 179.58W, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.6/39, mbtmp3.9/3, Error ellipse: s-maj=373.3km s-min=88.3km az=134.0, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

IDC 23 05:30:32.0e.1, 8.0, 21.55S, 177.38W, h348km, 146km, mb3.5/4, mb1 3.8/4, mb1mx3.2/42, mbtmp4.2/4, Error ellipse: s-maj=157.7km s-min=44.0km az=135.0, Fiji Islands region

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

MEX 23 05:38:34.0e.4, 0, 14.73N, 93.28W, h11km, 32km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, etc.

IDC 23 05:40:19.1e.3, 6.114N, 127.73E, h0km, mb3.6/3, mb1 3.7/3, mb1mx3.2/47, mbtmp3.6/3, Error ellipse: s-maj=231.3km s-min=29.7km az=69.0

ISCJB 23 05:40:14.0e.9, 10.18N, 0.09x125.5E, 0.2, h200km, mb3.2/3, Error ellipse: s-maj=33.3km s-min=12.5km az=0.5

MAN 23 05:40:43.1e.1, 10.16N, 0.09x125.5E, 0.2, h200km, n7, c271/8, mb3.1/3, 1D, Leyte

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, BESP Borongan, BKP Tagbilaran, etc.

MEX 23 05:44:54.0e.0, 3, 14.73N, 93.30W, h15km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, etc.

IDC 23 05:47:46.1e.2, 3, 4.75N, 123.11E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/46, mbtmp3.6/3, Error ellipse: s-maj=338.2km s-min=24.4km az=63.0, Celebes Sea

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

CSEM 23 05:57:16.3e.1, 35.30N, 43.38E, h4km, ML4.4

DHMR 23 05:57:16.3e.2, 15.30N, 43.38E, h4km, 11km, ML4.4

ISCJB 23 05:57:17.8e.0, 6.15S, 34N, 0.04x43.35E, 0.06, h10km, mb3.5/4, Error ellipse: s-maj=8.7km s-min=4.5km az=160.6

IDC 23 05:57:17.6e.3, 14.97N, 43.49E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/43, mbtmp3.6/4, Error ellipse: s-maj=99.1km s-min=30.9km az=158.0

SGS 23 05:57:18.5e.5, 15.25N, 42.8E, h2km

ISC 23 05:57:17.6e.0, 8.1534N, 0.04x43.38E, 0.06, h10km, n17, c189/27, mb3.5/4, 2C, Western Arabian Peninsula

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

DHBB Dhamar BB, DHBB Dhamar BB, DHBB Dhamar BB, UDUY Al Udayan, FRSS Farasan al Kab

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like WNT, TCU, ENLB, ENLB, HWA, HWA, TWD, EHY, EHY, YUS, TWQ1, TWQ1, WCHH, NNSH, NNSH, NNS, CHNS, CHNS, HGSD, HGSD, NSY, NSY, WDLH, WDLH, PTSB, PTSB, TWFI, TWFI, NMLH, NMLH, LIOB, LIOB, RLNB, RLNB, ENA, ENA, NANB, NANB, WSK, WSK, WTCT, WTCT, CHN4, CHN4, ELDT, ELDT, FULB, FULB, CHY, CHY, TPUB, TPUB, ENAH, ENAH, SBCB, SBCB, WTP, WTP, HSN, HSN, STYT, STYT, WSF, WSF, WLBG, WLBG, CHKT, CHKT, WLBT, WLBT, CHN1, CHN1, CHN1, CHN1, SGST, SGST, NCUH, NCUH, TATO, TATO, EOS1, EOS1, EOS1, EOS1, HNC, HNC, CH3, CH3, TWG, TWG, SCLT, SCLT, SCLT, SCLT, TIPB, TIPB, TAI1, TAI1, TAI1, TAI1, NTST, NTST.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like YM04, YM10, NWF, WFSB, YM03, YM12, YM07, TW11, YM08, TWB1, ECL, PHUB, PNG, WDGT, WSSB, EAST, SCZT, JYNG, IRIF, JIJ, JISG, JISG, ISCJB, ROC1, ROC2, ROCH, ROCH, PEL, PEL, GO05, GO05, FCH, FCH, LMEL, LMEL, AUSP, AUSP, AAGR, AAGR, TLL, TLL, ASAL, ASAL, AMOG, AMOG, VCA, VCA, MRA, MRA, KUR, KUR, KUR, KUR, SHO, SHO, SHO, SHO, YUK, YUK, YUK, YUK, LAGR, LAGR, GLVR, GLVR, NEM2, NEM2, JRA, JRA, JNK, JNK, JNK, JNK, JAK, JAK, JAK, JAK, CCGI, CCGI, TGIG, TGIG, CMIG, CMIG, CMIG, CMIG, JTS, JTS, JTS, JTS.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like TXAR, TKL, PDAR, NVAR, NVAR, YKA, YKA, ILAR, ILAR, CMAR, CMAR.

CRNET 23 08:59:46.0, 0.1, 41.18N, 72.09E, h13km, mb3.1
SOME 23 08:59:46.8, 41.18N, 72.10E, h5km
NNC 23 08:59:47.8, 41.2, 41.14N, 72.10E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=22.4km s-min=10.2km az=67.0
KNET 23 08:59:48.0, 5.1, 1.19N, 72.34E, h6km, m2.9, Error
ellipse: s-maj=6.3km s-min=2.4km az=125.0
ISC 23 08:59:47.3, 1.3, 41.18N, 0.03, 72.15E, 0.03, h4km, 13km,
n37, r19170, 29C-15D, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ARK, ARK, ARK, ARS, ARS, ARS, TOKL, TOKL, MNAS, MNAS, MNAS, AML, AML, AML, SFK, SFK, SFK, MRKS, MRKS, IUG, IUG, EKS2, EKS2, EKS2, UCH, UCH, UCH, AAK, AAK, AAK, KK31, KK31, KK31, KZA, KZA, KZA, KBK, KBK, KBK, USP, USP, TCM2, TCM2, TCM2, ULHL, ULHL, ULHL, DGS, DGS, KST, KST, KST, IZV, IZV, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, KTBS, KTBS, KOTS, KOTS, CHKK, CHKK.

Table with columns: CHKK, KURS Kuram, ARXS, ARXS. Includes station names, coordinates, and time/phase data.

MEX 23 09:01:06.0-4.14:76N:93:28W, h15km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PCIG, CCGI, TGIG.

IDC 23 09:11:57.8-4.3, 56:38S-144:56W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.8/26, mbtmp3.8/2, MS3.6/11, Ms1 3.6/21, ms1mx3.5/22, Error ellipse: s-maj=380.9km s-min=56.3km az=160.0, Pacific-Antarctic Ridge

Large table listing station data for the MEX 23 09:18:16.1-0.5, 15:45N-92:64W, h150km, 4km, MD3.8, Mexico-Guatemala border region. Includes stations like VANDA, RPZ, URZ, etc.

NIED 23 09:18:00.35:60N, 141:00E, h32km, Mw4.0. Best double couple: M1, 22200, -0.015, N1, 60, 00000, S1, 19, 00000, 1.36, 00000, NP2, 296, 00000, 879, 00000, 1.106, 00000. ISCJJB 23 09:18:13.3-0.6, 35:52N, 0:04-141:00E, 0.07, h42km, 5km, mb3.8/16, MS2.9/2, Error ellipse: s-maj=9.5km s-min=5.9km az=179.5

JMA 23 09:18:13.8-0.1, 35:55N, 140:94E, h40km, 1km, M3.6, JMA Fell J1. IDC 23 09:18:16.9-1.7, 35:52N, 140:66E, h60km, 18km, mb3.6/16, mb1 3.8/18, mb1mx3.7/46, mbtmp3.8/18, MS2.8/5, Ms1 2.8/5, ms1mx2.5/43, Error ellipse: s-maj=20.2km s-min=10.6km az=91.0

ISC 23 09:18:14.1-1.1, 0:35:55N, 0:04-140:90E, 0:06, h33km, 7km, n38, r1825/36, mb3.8/16, 3C-1D, Near east coast of eastern Honshu

Table listing station data for the ISC 23 09:18:14.1-1.1, 0:35:55N, 0:04-140:90E, 0:06, h33km, 7km, n38, r1825/36, mb3.8/16, 3C-1D, Near east coast of eastern Honshu. Includes stations like CHOUJ, KTR, BSO4, etc.

Table listing station data for the H11S3 WAKE ISLAND Hy 28.44 120 T, H11S2 WAKE ISLAND Hy 28.45 120 T, TIXI, MKAR, ILAR, WRA, ASAR, YKA, FINES, AKAS, NOA, NVAR, PDAR, TXAR.

MEX 23 09:18:16.1-0.5, 15:45N-92:64W, h150km, 4km, MD3.8, Mexico-Guatemala border region

Table listing station data for the MEX 23 09:18:16.1-0.5, 15:45N-92:64W, h150km, 4km, MD3.8, Mexico-Guatemala border region. Includes stations like PCIG, CCGI, TGIG.

NSSC 23 09:24:16.5-1.4, 34:38N-36:80E, h0km, 8km, ML2.0, GRAL 23 09:24:21.6-0.3, 34:28N-36:53E, h15km, 41km, MD3.0, ISC 23 09:24:16.2-1.7, 34:32N-36:70E, 0.1, h14km, 13km, n8, c059/15, Jordan-Syria region

Table listing station data for the NSSC 23 09:24:16.5-1.4, 34:38N-36:80E, h0km, 8km, ML2.0, GRAL 23 09:24:21.6-0.3, 34:28N-36:53E, h15km, 41km, MD3.0, ISC 23 09:24:16.2-1.7, 34:32N-36:70E, 0.1, h14km, 13km, n8, c059/15, Jordan-Syria region. Includes stations like MARH, BRBR, SHBL, etc.

UCR 23 09:27:45.5-0.9, 12:87N-89:86W, h26km, 3km, ML3.6, Off coast of central America

Table listing station data for the UCR 23 09:27:45.5-0.9, 12:87N-89:86W, h26km, 3km, ML3.6, Off coast of central America. Includes stations like COLS, SBL, SNET, etc.

DJA 23 09:40:20.1-0.4, 1:54S-12:00E, h10km, M3.7/6, ML3.7/6, Sulawesi

Table listing station data for the DJA 23 09:40:20.1-0.4, 1:54S-12:00E, h10km, M3.7/6, ML3.7/6, Sulawesi. Includes stations like SOYA, LFRS, UDBS, etc.

IDC 23 09:44:15.5-2.4, 16:05S-176:31W, h354km, 67km, mb3.2/5, mb1 3.4/6, mb1mx3.0/45, mbtmp3.9/6, Error ellipse: s-maj=196.4km s-min=20.7km az=141.0, Fiji Islands region

Table listing station data for the IDC 23 09:44:15.5-2.4, 16:05S-176:31W, h354km, 67km, mb3.2/5, mb1 3.4/6, mb1mx3.0/45, mbtmp3.9/6, Error ellipse: s-maj=196.4km s-min=20.7km az=141.0, Fiji Islands region. Includes stations like AFI, WRA, ASAR, etc.

Table listing station data for the IDC 23 09:51:06.3-3.1, 54:22N-87:32E, h0km, mb1 2.6/2, mb1mx2.6/48, mbtmp2.6/2, ML2.5/2, Error ellipse: s-maj=27.3km s-min=16.2km az=60.0, Southwestern Siberia. Includes stations like I46RU, ZALV, KURBB, etc.

ISCJJB 23 09:52:03.5-0.9, 33:20N-0:10:138:5E, 0:1, h300km, mb3.2/3, Error ellipse: s-maj=14.7km s-min=11.9km az=140.3

JMA 23 09:52:03.7-0.3, 33:20N-0:10:138:59E, h301km, M3.1, IDC 23 09:52:05.0-2.1, 33:30N-0:138:23E, h293km, 293km, mb3.0/3, mb1 3.2/4, mb1mx2.7/49, mbtmp3.6/4, Error ellipse: s-maj=76.6km s-min=22.4km az=71.0

ISC 23 09:52:04.9-1.1, 33:3N-0:11:138:5E, 0:1, h300km, n15, c056/17, mb3.1/3, Southeast of Honshu

Table listing station data for the ISC 23 09:52:04.9-1.1, 33:3N-0:11:138:5E, 0:1, h300km, n15, c056/17, mb3.1/3, Southeast of Honshu. Includes stations like JOD2, JNY, etc.

ISCJJB 23 09:57:20.5-1.0, 40:94N-0:06:31:69E, 0:04, h8km, 6km, Error ellipse: s-maj=10.9km s-min=5.5km az=7.0

CSEM 23 09:57:20.8-0.3, 40:94N-31:71E, h8km, ML2.6, Error ellipse: s-maj=6.8km s-min=3.8km az=4.0

DDA 23 09:57:20.7, 40:86N-31:69E, h7km, M2.0, ISC 23 09:57:21.1, 40:91N-31:64E, h14km, ML2.6, ISC 23 09:57:19.2-1.6, 40:98N-0:06:31:75E, 0:04, h8km, 11km, n14, c054/26, Turkey

Table listing station data for the ISC 23 09:57:20.5-1.0, 40:94N-0:06:31:69E, 0:04, h8km, 6km, Error ellipse: s-maj=10.9km s-min=5.5km az=7.0. Includes stations like BCAM, MDUB, etc.

ISK 23 10:06:11.0, 37:10N-29:02E, h6km, ML2.6, DDA 23 10:06:11.7, 37:11N-29:06E, h7km, M2.4, CSEM 23 10:06:12.1-0.2, 37:12N-29:03E, h8km, ML2.4, Error ellipse: s-maj=4.2km s-min=3.2km az=43.0

ISC 23 10:06:12.0-1.1, 37:13N-0:03:29:09E, 0:03, h6km, 9km, n17, c132/33, Turkey

Table listing station data for the ISC 23 10:06:11.0, 37:10N-29:02E, h6km, ML2.6, DDA 23 10:06:11.7, 37:11N-29:06E, h7km, M2.4, CSEM 23 10:06:12.1-0.2, 37:12N-29:03E, h8km, ML2.4, Error ellipse: s-maj=4.2km s-min=3.2km az=43.0. Includes stations like GLHS, TAVA, etc.

IDC 23 10:25:56.6-1.5, 27:86N-129:93E, h0km, mb3.8/3, mb1 3.8/4, mb1mx3.2/42, mbtmp3.8/4, ML3.4/1, Error ellipse: s-maj=76.8km s-min=24.4km az=85.0

JMA 23 10:25:59.1-0.1, 27:92N-130:22E, h44km, 1km, M3.0, ISC 23 10:25:59.7-1.6, 27:91N-130:40:130:17E, 0:06, h25km, 12km, n14, c117/21, mb3.8/3, Ryukyu Islands

Table listing station data for the IDC 23 10:25:56.6-1.5, 27:86N-129:93E, h0km, mb3.8/3, mb1 3.8/4, mb1mx3.2/42, mbtmp3.8/4, ML3.4/1, Error ellipse: s-maj=76.8km s-min=24.4km az=85.0. Includes stations like JZK, JAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNTH Nagotoyohara, JNTH Kuchinoerabu, JKC Nakatsue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy 27.64 118 T, H1N1 WAKE ISLAND Hy 27.65 118 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGF Sodankyl, SGF ARCESS Array S, ARO ARCESS Array S, etc.

CSEM 23 10:29:12.9:0.3, 39.44N:38.56E, h10km, ML2.5, Error ellipse: s-maj=5.9km s-min=4.7km az=163.0

ISCJTB 23 10:51:17.0:0.1, 18.74S:0.08:173.2W:0.1, h19km, mb4.2/10, MS3.32, Error ellipse: s-maj=20.9km s-min=7.9km az=28.9

ATH 23 11:01:26.4, 41.54N:20.42E, h23km, ML2.9/2, Error ellipse: s-maj=5.3km s-min=1.4km az=192.0

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

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

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

TIR 23 10:37:49.1:1.6, 41.07N:20.20E, h6km, ML2.9, SKO 23 10:37:50.8:1.0, 41.07N:20.13E, h2km, ML1.8, ML2.2

PMG 23 10:57:25.1:0.0, 67.66N:20.99E, h0km, ML1.6, ML1.4 (UPP), Explosion, Sweden

ULC Ulcinj, ULC Ulcinj, ULC Ulcinj, etc.

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

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

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

ISCJTB 23 10:40:05.0:0.8, 35.48N:0.05:141.18E:0.08, h33km, mb3.5/4, Error ellipse: s-maj=9.6km s-min=6.2km az=165.6

HEF Hetta, HEF Hetta, HEF Hetta, etc.

ULC Ulcinj, ULC Ulcinj, ULC Ulcinj, etc.

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

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

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

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBL Kabul, AB31 Akbulak array, and many others.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VSU Vasula, NCK Naichik, J05D Fort Rock, OR, and many others.

23d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB201 NORSAR Array S, HRY Holter Researc, NB2 NORSAR Subarra, and many others.

23d 11h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like LEOM, EDW2, DUG, KSRV, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like OKC, RSSD, KSP, W13A, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like NKC, URZ, SOP, D34A, etc.

KBA	Koelnreinsper	84.06 327 i P	P	11 58 07.0 -0.2
BLY	Banja Luka	84.09 324 eP	P	11 58 07.0 +0.5
HORT	Hortias	84.09 318 P	P	11 58 06.3 -1.0
HORT	Hortias	84.09 318 P	P	11 58 06.3 -1.0
PKDS	Podkum	84.11 326 i P	P	11 58 07.2 -0.1
H35A	Sunnyside Ranc	84.14 36 P	P	11 58 07.9 +0.6
IVA	Berani	84.14 321 i P	P	11 58 08.2 +0.7
BODT	Bodrum	84.16 313 eP	P	11 58 07.7 +0.1
BODT	Bodrum	84.16 313 eP	P	11 58 07.7 +0.1
EIL	Elat	84.17 303 LR	LR	12 40 04.3
KSCO	Kaye Shedlock	84.18 45 P	P	11 58 07.7 -0.2
E38A	The Farm, Brul	84.19 33 P	P	11 58 07.3 -0.3
GRG	Griva	84.21 318 eP	P	11 58 07.2 -0.7
GRG	Griva	84.21 318 eP	P	11 58 07.2 -0.7
GRG	Griva	84.21 318 eP	P	11 58 07.2 -0.7
ARG	Holmfirth	84.21 339 eP	P	11 58 07.9 +0.3
ARG	Arkhangelos	84.24 312 P	P	11 58 08.1 0.0
ARG	Arkhangelos	84.24 312 P	P	11 58 08.1 0.0
ARG	Arkhangelos	84.24 312 P	P	11 58 08.1 0.0
PAIG	Paliouri	84.25 317 eP	P	11 58 07.1 -0.9
PAIG	Paliouri	84.25 317 eP	P	11 58 07.1 -0.9
PAIG	Paliouri	84.25 317 eP	P	11 58 07.1 -0.9
MYKA	Terra Mystica	84.28 327 i P	P	11 58 07.7 -0.4
MHTCO	State Highway	84.28 47 eP	P	11 58 10.3 +1.8
LBWRO	Ladybower, Pea	84.30 339 eP	P	11 58 08.4 +0.3
LBWR	Ladybower, Pea	84.30 339 eP	I Amb	11 58 09.4
PVY	Play	84.31 321 i P	P	11 58 08.6 +0.1
KOME	Kolasin	84.35 321 i P	P	11 58 08.4 +0.2
PMOR	Pomariorio Ree	84.39 113 eT	T	13 30 48.0
UP5A	Una-Piva	84.39 322 i P	P	11 58 08.7 -0.2
T25M	Trinidad	84.44 47 eP	P	11 58 10.0 +0.7
T25A	Trinidad	84.44 47 eP	P	11 58 10.6 +1.3
STU	Stuttgart	84.45 330 eP	P	11 58 09.0 +0.1
STU	Stuttgart	84.45 330 eP	Pmax	11 58 09.0 +0.1
STU	Stuttgart	84.45 330 eP	Pmax	11 58 09.0 +0.1
KRUS	Krusevo	84.53 319 i P	P	11 58 09.7 +0.2
F38A	Pierce - Schro	84.54 34 P	P	11 58 09.5 +0.1
NKY	Niksic	84.64 321 i P	P	11 58 10.1 0.0
LAZ	Ladron	84.64 51 eP	P	11 58 11.9 +1.5
H36A	Jessenland, He	84.65 36 P	P	11 58 10.9 +0.9
JAVS	Javornik	84.66 326 i P	P	11 58 09.2 -0.9
ABTA	Abtaltersbach	84.68 327 i P	P	11 58 09.8 -0.4
SPMN	Marine on St.	84.69 35 P	P	11 58 10.6 +0.5
SPMN	Marine on St.	84.69 35 eP	P	11 58 11.2 +1.0
I35A	Creekview Farm	84.69 37 P	P	11 58 10.7 +0.5
NKME	Niksic	84.69 321 i P	P	11 58 10.1 -0.2
ANMO	Albuquerque	84.69 50 eP	P	11 58 11.9 +1.3
ANMO	Albuquerque	84.69 50 eP	Pmax	11 58 12.5 +1.9
ANMO	Albuquerque	84.69 50 eP	Pmax	11 58 12.5 +1.9
ANMO	Albuquerque	84.69 50 eP	P	11 58 12.3 +1.7
PHP	Peshkopia	84.72 320 eP	P	11 58 10.3 -0.2
PHP	Peshkopia	84.72 320 eP	P	11 58 10.3 -0.2
PHP	Peshkopia	84.72 320 eP	P	11 58 10.3 -0.2
LIT	Litokhoron	84.77 317 eP	P	11 58 09.8 -0.9
LIT	Litokhoron	84.77 317 eP	P	11 58 09.8 -0.9
LIT	Litokhoron	84.77 317 eP	P	11 58 09.8 -0.9
PDG	Podgorica	84.78 321 i P	P	11 58 10.9 +0.2
TTG	Podgorica	84.78 321 i P	P	11 58 10.9 +0.2
TTG	Podgorica	84.78 321 eP	Pmax	11 58 10.8 +0.1
TTG	Podgorica	84.78 321 eP	Pmax	11 58 10.8 +0.1
TTG	Podgorica	84.78 321 eP	Pmax	11 58 10.8 +0.1
BRY	Bratogost	84.80 322 i P	P	11 58 10.6 -0.3
E39A	Mellier	84.81 33 P	P	11 58 11.0 +0.2
MOTA	Moosalm	84.81 328 i P	P	11 58 10.8 -0.1
RETA	Reutte	84.84 329 i P	P	11 58 11.2 +0.2
PPT	Papeete	84.84 116 LR	LR	12 26 56.4
PPT2	Papeete2	84.86 116 eS	S	12 08 41.3 +5.4
PPT2	Papeete2	84.86 116 eLR	LR	12 24 55.2
PPT2	Papeete2	84.86 116 eT	T	13 31 25.4
CEME	Cevo	84.87 321 i P	P	11 58 11.1 -0.1
FNA	Florida	84.88 319 P	P	11 58 10.6 -0.7
FNA	Florida	84.88 319 P	P	11 58 10.6 -0.7
FNA	Florida	84.88 319 P	P	11 58 10.6 -0.7
XOR	Xorichti	84.91 317 P	P	11 58 10.3 -1.1
XOR	Xorichti	84.91 317 P	P	11 58 10.3 -1.1
NEO	Neokhori	84.93 317 P	P	11 58 10.6 -0.9
NEO	Neokhori	84.93 317 P	P	11 58 10.6 -0.9
TRI	Trieste	84.94 326 eP	P	11 58 10.8 -0.5
TRI	Trieste	84.94 326 eP	Pmax	11 58 10.8 -0.5
TRI	Trieste	84.94 326 eP	Pmax	11 58 10.8 -0.5
OHR	Ohrid	84.95 319 i P	P	11 58 11.6 0.0
DRME	Dracevica, Mon	85.00 321 i P	P	11 58 11.8 0.0
TIAR	Tiare	85.00 116 eT	T	13 31 35.1
F39A	Loretta	85.01 34 P	P	11 58 12.0 +0.2
LPM	Los Pinos Moun	85.01 50 eP	P	11 58 13.6 +1.3
FYTO	Fytoko, Volos	85.02 317 eP	P	11 58 11.1 -0.8
FYTO	Fytoko, Volos	85.02 317 P	P	11 58 11.1 -0.8
E40A	Wakefield	85.04 33 P	P	11 58 12.3 +0.4
BUM	Brajići-Budva	85.06 321 i P	P	11 58 12.2 0.0
BNM	Barren Site	85.12 50 eP	P	11 58 14.4 +1.6
BNM	Barren Site	85.12 50 eP	P	11 58 28.9 +1.0
H37A	Dierke Farm, C	85.12 36 P	P	11 58 12.8 +0.5
ULC	Ulcinj	85.13 321 i P	P	11 58 12.4 -0.1
BFO	Black Forest	85.15 331 i P	P	11 58 12.6 +0.1
BFO	Black Forest	85.15 331 eP	P	11 58 12.5 +0.1
HCOY	Hercog Novi	85.16 321 i P	P	11 58 12.2 -0.3
G39A	Ridgeland	85.16 35 P	P	11 58 12.6 +0.1
FOEL	Foel Wyifa	85.18 339 eP	P	11 58 13.2 +0.8
FOEL	Foel Wyifa	85.18 339 eP	I Amb	11 58 14.1
APPE	Apeiranthos	85.19 314 eP	P	11 58 11.5 -1.4
APPE	Apeiranthos	85.19 314 eP	P	11 58 11.5 -1.4
APPE	Apeiranthos	85.19 314 eP	P	11 58 11.5 -1.4
TVO	Taravao	85.22 116 eT	T	13 31 50.9
FETA	Felchten	85.22 328 i P	P	11 58 13.2 +0.2
SMIA	Simia	85.24 316 P	P	11 58 12.2 -0.9
TIR	Tirane	85.26 320 i P	P	11 58 13.3 +0.2
KARP	Karpathos	85.27 312 eP	P	11 58 12.9 -0.4
KARP	Karpathos	85.27 312 P	P	11 58 12.9 -0.4
319A	Douglas	85.28 54 eP	P	11 58 14.5 +1.0
KBN	Korca	85.31 319 eP	P	11 58 13.3 -0.1
KBN	Korca	85.31 319 eP	P	11 58 13.3 -0.1
KBN	Korca	85.31 319 eP	P	11 58 13.3 -0.1
NEST	Nestorio	85.32 318 P	P	11 58 12.9 -0.6
SCHO	Schefferville	85.33 16 P	P	11 58 13.9 +0.7
SCHO	Schefferville	85.33 16 eP	LR	12 38 00.8

SCHO	Schefferville	85.33 16 eP	P	11 58 13.9 +0.7
I37A	Lemond, Waseca	85.33 36 P	P	11 58 13.6 +0.3
H38A	Maiden Rock	85.34 35 P	P	11 58 14.2 +0.7
DAVA	Damuels	85.36 329 i P	P	11 58 14.0 +0.3
G39A	Holcombe	85.38 34 P	P	11 58 13.8 +0.2
J36A	Seneca 1, Swea	85.39 37 P	P	11 58 14.1 +0.4
E41A	Kenton	85.42 32 P	P	11 58 14.2 +0.4
121A	Cookes Peak, D	85.47 52 P	P	11 58 14.8 +0.2
121A	Cookes Peak, D	85.47 52 eP	P	11 58 14.6 0.0
AGG	Agios Georgios	85.62 317 eP	P	11 58 13.3 -1.7
AGG	Agios Georgios	85.62 317 eP	P	11 58 13.3 -1.7
AGG	Agios Georgios	85.62 317 eP	P	11 58 14.0 -1.0
ECH	Echery	85.62 317 P	P	11 58 13.3 -1.7
ECH	Echery	85.70 331 eP	Pmax	11 58 14.5 -0.6
EUORN	Olenpass-Fuorn	85.74 329 eP	P	11 58 16.3 +0.6
THR6	Thira Island,	85.76 313 eP	P	11 58 14.2 -1.4
THR6	Thira Island,	85.76 313 eP	P	11 58 14.2 -1.4
DAVOX	Davos/Dischmat	85.77 329 LR	LR	12 40 04.7
J37A	Redenius Farm,	85.79 37 P	P	11 58 16.0 +0.4
H39A	Augusta	85.80 35 P	P	11 58 16.0 +0.3
I38A	Zakras Farm,	85.81 36 P	P	11 58 16.0 +0.3
G40A	Rib Lake	85.83 34 P	P	11 58 16.0 +0.1
E42A	Champion	85.89 32 P	P	11 58 16.6 +0.4
MCH1	Michaelchurch	85.91 339 eP	I Amb	11 58 16.6 +0.5
MCH1	Michaelchurch	85.91 339 eP	I Amb	11 58 17.3
F41A	Threeakes	85.94 33 P	P	11 58 17.0 +0.6
DSF	Desfina	85.95 316 eP	P	11 58 14.5 -2.1
DSF	Desfina	85.95 316 P	P	11 58 14.5 -2.1
EVV	Ervyrtania	85.98 317 P	P	11 58 15.1 -1.8
EVV	Ervyrtania	85.98 317 P	P	11 58 15.1 -1.8
MONM	Monmouth	85.99 339 eP	I Amb	11 58 16.9 +0.4
MONM	Monmouth	85.99 339 eP	I Amb	11 58 17.7
LPW	Lampeter	86.11 339 eP	I Amb	11 58 17.2 +0.1
LPW	Lampeter	86.11 339 eP	I Amb	11 58 18.3
M35A	Neola	86.11 39 P	P	11 58 18.0 +0.7
ZKR	Zakros	86.13 312 eP	P	11 58 17.8 +0.3
ZKR	Zakros	86.13 312 eP	P	11 58 17.8 +0.3
ANX	Ano Chora	86.16 317 P	P	11 58 16.9 -0.8
K37A	Belmond	86.17 37 P	P	11 58 17.9 +0.4
HGH	Gray Hill	86.17 338 eP	P	11 58 17.0 -0.4
KALE	Kalitheia	86.18 316 P	P	11 58 15.3 -2.5
KALE	Kalitheia	86.18 316 P	P	11 58 15.3 -2.5
DID	Didima	86.19 315 eP	P	11 58 13.7 -4.1
DID	Didima	86.19 315 P	P	11 58 13.7 -4.1
SERG	Sergoula	86.21 317 P	P	11 58 16.3 -1.6
DSL	Palaiot Diesel	86.22 318 eP	P	11 58 17.4 -0.5
DSL	Palaiot Diesel	86.22 318 eP	P	11 58 17.4 -0.5
TUE	Stuetta	86.23 329 eP	P	11 58 18.6 +0.5
H40A	Chili	86.25 34 P	P	11 58 18.5 +0.6
JFF	Efpalio	86.28 317 P	P	11 58 16.7 -1.5
E38A	Wedel Dairy, R	86.29 36 P	P	11 58 18.4 +0.3
E43A	Lone Tree Farm	86.32 31 P	P	11 58 18.4 +0.1
I39A	Houston	86.33 35 P	P	11 58 18.3 0.0
IGT	Igoumenitsa	86.34 318 eP	P	11 58 17.8 -0.7
IGT	Igoumenitsa	86.34 318 eP	P	11 58 17.8 -0.7
LAKA	Lakka	86.38 316 eP	P	11 58 17.9 -0.8
LAKA	Lakka	86.38 316 P	P	11 58 17.9 -0.8
TAOE	Nuku Hiva Isla	86.38 104 eS	S	12 08 54.5 +3.3
TAOE	Nuku Hiva Isla	86.38 104 eLR	LR	12 25 41.9
TAOE	Nuku Hiva Isla	86.38 104 eT	T	13 33 13.6
NPS	Neapolis	86.39 312 P	P	11 58 17.9 -0.9
NPS	Neapolis	86.39 312 P	P	11 58 17.9 -0.9
NPS	Neapolis	86.39 312 P	P	11 58 17.9 -0.9
GUR	Goura	86.39 316 eP	P	11 58 16.9 -2.0
GUR	Goura	86.39 316 P	P	11 58 16.9 -2.0
KLV	Kalavryta, Ach	86.42 316 eP	P	11 58 17.5 -1.5
KLV	Kalavryta, Ach	86.42 316 P	P	11 58 17.5 -1.5
O34A	Ceva	86.45 41 P	P	11 58 19.4 -0.1
M36A	Felix, Anita	86.57 39 P	P	11 58 20.1 +0.5
N35A	Tabou	86.59 39 P	P	11 58 20.2 +0.5
DAMY	Dhamar	86.62 286 eP	P	11 58 21.4 +0.8
J39A	Decorah	86.64 36 P	P	11 58 20.2 +0.3
I40A	Notwalk	86.71 35 P	P	11 58 20.3 0.0
DRO	Drossia	86.73 316 P	P	11 58 21.0 +0.6
I41A	Arkdale	86.92 34 P	P	11 58 21.6 +0.4
P34A	Walnut Farm, R	86.95 41 P	P	11 58 21.1 -0.4
L38A	Oak Wood Farm,	86.96 37 P	P	11 58 21.3 -0.2
N36A	Muff Farm, Cla	86.97 39 P	P	11 58 22.1 +0.6
M37A	Trindle Farm,	86.98 38 P	P	11 58 21.8 +0.2
SIVA	Sivas	87.03 313 P	P	11 58 21.8 -0.1
SIVA	Sivas	87.03 313 P	P	11 58 21.8 -0.1
K39A	Olwein	87.04 36 P	P	11 58 22.2 +0.3
ITM	Ithomi	87.16 316 P	P	11 58 21.3 -1.2
ITM	Ithomi	87.16 316 P	P	11 58 21.3 -1.2
IMMV	Imoni Meta	87.21 313 P	P	11 58 21.1 -1.4
Q34A	Chapman	87.35 42 P	P	11 58 23.9 +0.5
KSU1	Kansas State U	87.39 41 P	P	11 58 23.8 +0.2
KSU1	Kansas State U	87.39 41 eP	P	11 58 23.8 +0.2
M38A	Pleasantville	87.39 38 P	P	11 58 24.0 +0.4
J41A	Logville	87.39 35 P	P	11 58 24.0 +0.4
K40A	Colesburg	87.39 36 P	P	11 58 23.5 0.0
L39A	Vinton	87.43 37 P	P	11 58 24.0 +0.3
I42A	Draeger Farm,			

23d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like U39A Green Forest, P44A Sand Creek, 542A Caledonia, etc.

IDC 23 11:55:16.8-307.0, 54'25N, 41'59E, h0km, Error ellipse: s-maj=138.9km s-min=70.5km az=140.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, etc.

THR 23 12:05:45.7-0.6, 34'33N, 49'78E, h15km, ML3.7 CSEM 23 12:05:47.7-0.2, 34'32N, 49'98E, h2km, ML3.7, Error ellipse: s-maj=6.4km s-min=5.4km az=78.0

ISJCJB 23 12:05:48.6-0.2, 34'39N, 0'04-50'01E, 0.0, h10km, Error ellipse: s-maj=5.2km s-min=5.0km az=27.0

TEH 23 12:05:48.6, 34'30N, 50'02E, h6km, ML3.6 IDC 23 12:05:45.8-0.9, 34'31N, 0'03-49'82E, 0.03, h10km, n43, n121/47, Western Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ASHO Ashtian, KHMZ Khomeyn, etc.

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Table with columns: QAM, Ghamsar, Az, Phase, ID, Time, Res, ISC. Includes stations like QAM Ghamsar, IMHD Mahdasht, etc.

ISK 23 12:11:43.1, 37'76N, 36'20E, h11km, MD2.5 ISJCJB 23 12:11:46.8, 0.7, 37'45N, 0'06-36'21E, 0.04, h13km, 7km, Error ellipse: s-maj=10.8km s-min=5.1km az=6.8

DDA 23 12:11:47.0, 37'45N, 36'20E, h7km, ML2.3 CSEM 23 12:11:47.0, 0.6, 37'45N, 36'20E, h2km, MD2.5, Error ellipse: s-maj=20.4km s-min=8.8km az=12.0

ISC 23 12:11:46.7, 1.1, 37'45N, 0'05-36'20E, 0.03, h13km, 8km, n15, n0573/23, Turkey

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

MAN 23 12:12:48, 13'20N, 120'32E, h30km, mb4.1, ML2.8, MS2.5, 1D, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LUBP Lubang, PGP Puerto Galera, etc.

ISK 23 12:18:29.0, 38'66N, 43'59E, h26km, ML2.3 CSEM 23 12:18:30.8, 0.3, 38'75N, 43'52E, h12km, ML2.3, Error ellipse: s-maj=9.7km s-min=5.2km az=116.0

ISJCJB 23 12:18:31.4, 0.6, 38'75N, 0'03-43'49E, 0.07, h13km, 5km, Error ellipse: s-maj=9.6km s-min=4.7km az=23.6

DDA 23 12:18:31.1, 38'74N, 43'46E, h7km, ML2.7 ISC 23 12:18:31.0, 1.0, 38'73N, 0'04-43'52E, 0.05, h18km, 4km, n16, n077/27, Turkey

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MEX 23 12:21:13.3, 0.5, 14'73N, 93'29W, h15km, 26km, MD3.8, Near coast of Chiapas

ISCJB 23 12:26:10.8-0.6, 8'87S, 0'09-158'83E, 0'10, h550km, mb3.9/14, Error ellipse: s-maj=13.3km s-min=11.1km

IDC 23 12:26:11.4-0.7, 8'93S, 158'79E, h538km, 9km, mb3.5/13, mb1.3/6/16, mb1mx3.4/46, mbtmp4.5/16, Error ellipse: s-maj=25.5km s-min=10.1km az=124.0

ISC 23 12:26:11.5-0.7, 9'05S, 0'1-158'9E, 0'11, h550km, n20, n098/25, mb4.0/14, Bougainville-Solomon Islands region

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

KLM 23 12:39:28.8, 5'23N, 92'03E, h10km, mb4.6 DJA 23 12:40:22.9, 0.7, 5'N, 3'9'6E, h10km, M4.8/10, mb5.1/2, mb4.8/2, MLV4.8/10, Mw(MLV)4.5/2

ISCJB 23 12:40:23.9, 0.3, 4'82N, 0'03-99E, 0'03, h29km, mb4.6/2, MS3.9/25, Error ellipse: s-maj=5.3km s-min=3.3km az=136.0

NEIC 23 12:40:28.6, 0.8, 4'85N, 96'19E, h58km, 8km, mb4.5/12, Error ellipse: s-maj=10.0km s-min=6.8km az=57.0

NEIC Felt [III] at Banda Aceh. Also felt at Sabang, Pulau We. IDC 23 12:40:28.5, 3.1, 4'90N, 96'04E, h53km, 29km, mb3.9/22, mb1.4/0/25, mb1mx3.9/55, mbtmp4.2/25, ML4.0/3, MS3.8/21, Ms1.3/8/21, ms1mx3.7/31, Error ellipse: s-maj=21.1km s-min=11.8km az=50.0

BUI 23 12:40:30.1, 5'19N, 95'60E, h54km, mb4.5/34, mb4.8/26, MS4.4/21, MS7.4/21/7

ISC 23 12:40:25.6, 0.4, 4'84N, 0'04-96'06E, 0'04, h29km, n136, n187/131, mb4.4/51, MS3.9/26, 12C, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MLSI Meulaboh, LHMI Lhok Sumawe, etc.

MAN 23 12:42:48, 13'20N, 120'32E, h30km, mb4.1, ML2.8, MS2.5, 1D, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LUBP Lubang, PGP Puerto Galera, etc.

ISK 23 12:18:29.0, 38'66N, 43'59E, h26km, ML2.3 CSEM 23 12:18:30.8, 0.3, 38'75N, 43'52E, h12km, ML2.3, Error ellipse: s-maj=9.7km s-min=5.2km az=116.0

ISJCJB 23 12:18:31.4, 0.6, 38'75N, 0'03-43'49E, 0.07, h13km, 5km, Error ellipse: s-maj=9.6km s-min=4.7km az=23.6

DDA 23 12:18:31.1, 38'74N, 43'46E, h7km, ML2.7 ISC 23 12:18:31.0, 1.0, 38'73N, 0'04-43'52E, 0.05, h18km, 4km, n16, n077/27, Turkey

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

23d 16h

Table with columns: ID, Name, baz, SNR, P, P, 16 16, 16 16, 16 16, 16 16. Rows include Booneville, UM Field Stati, Oxford, etc.

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Table with columns: ID, Name, baz, SNR, P, P, 16 16, 16 16, 16 16, 16 16, 16 16, 16 16. Rows include Witts Springs, Quinton, Portageville, etc.

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Table with columns: ID, Name, baz, SNR, P, P, 16 16, 16 16, 16 16, 16 16, 16 16, 16 16. Rows include Oologah, Gibon Southern, Clever, etc.

23d 16h

J41A	baz=145,SNR=6.7	80.91	348	P	P	16 17 04.8	-0.4
FRNY	baz=166,SNR=7.2	80.92	360	EP	P	16 17 05.2	0.0
OXZ	comp=Z,44nm,0.9s	80.92	222	PFAKE	LR	16 17 20.0	+1.4
EMMW	comp=Z,9um,20.0s	80.95	4	EP	P	16 17 06.3	+0.9
K37A	baz=163	81.03	345	P	P	16 17 05.4	-0.4
SADO	comp=Z,220nm,1.9s	81.03	356	EP	P	16 17 05.9	+0.1
MXZ	comp=Z,5um,20.0s	81.04	230	PFAKE	LR	16 17 20.0	+1.4
SCI2	baz=144	81.05	323	P	P	16 17 07.8	+1.6
J40A	baz=166,SNR=12	81.07	347	P	P	16 17 05.6	-0.5
K36A	baz=163	81.08	344	P	P	16 17 06.2	+0.1
U15A	comp=Z,73nm,1.2s	81.10	329	EP	P	16 17 08.1	+1.4
U15A	comp=Z,6um,20.0s	81.11	349	P	P	16 17 06.0	-0.3
PV01	baz=168	81.11	332	EP	P	16 17 07.6	+0.8
BKZ	comp=Z,9um,20.0s	81.12	228	PFAKE	LR	16 17 20.0	+1.3
LTZ	comp=Z,11um,21.0s	81.15	223	EP	P	16 17 10.4	+3.4
LDFC	comp=Z,128nm,1.3s	81.17	326	EP	P	16 17 08.6	+1.7
GMRC	comp=Z,5um,20.0s	81.17	326	P	P	16 17 09.1	+2.1
RPZ	baz=147,SNR=24	81.18	221	S	S	16 27 18.5	+2.9
RPZ	comp=Z,13um,21.3s,slow=19,SNR=1.8	81.18	221	EP	P	16 17 11.4	+4.3
RPZ	comp=Z,111nm,1.1s	81.18	220	S	S	16 27 18.5	+2.9
J39A	baz=165,SNR=11	81.19	346	P	P	16 17 06.1	-0.6
PLVO	comp=Z,92nm,1.3s	81.19	357	EP	P	16 17 06.5	-0.1
I42A	comp=Z,5um,20.0s	81.24	349	P	P	16 17 06.8	-0.1
PV05	baz=167	81.26	332	EP	P	16 17 08.4	+0.9
WHZ	comp=Z,180nm,1.4s	81.28	218	EP	P	16 17 08.1	+0.6
L33A	comp=Z,6um,19.0s	81.29	342	P	P	16 17 07.2	-0.1
J38A	baz=160	81.32	346	P	P	16 17 06.8	-0.6
L32A	baz=164,SNR=6.9	81.32	342	P	P	16 17 07.7	+0.3
BBRC	baz=160	81.32	325	P	P	16 17 09.7	+1.7
URZ	comp=Z,4.0nm,0.9s,slow=350,slow=17,SNR=2.5	81.33	229	S	S	16 27 21.8	+4.5
K35A	baz=165	81.33	344	P	P	16 17 07.5	+0.1
PKME	comp=Z,66nm,1.3s	81.42	3	EP	P	16 17 08.5	+0.7
SMCO	comp=Z,4um,21.0s	81.46	334	EP	P	16 17 09.4	+0.7
PV04	comp=Z,9um,18.0s	81.47	332	EP	P	16 17 09.0	+0.5
WKZ	comp=Z,37nm,2.0s	81.48	220	PFAKE	LR	16 17 20.0	+1.1
THZ	comp=Z,6um,22.0s	81.48	224	EP	P	16 17 18.4	+2.0
K34A	comp=Z,5um,19.0s	81.50	343	P	P	16 17 08.5	+0.1
PV10	baz=161,SNR=5.2	81.50	332	EP	P	16 17 09.2	+0.4
HFC	baz=146,SNR=1.6	81.52	325	P	P	16 17 10.5	+1.8
140A	baz=145	81.53	347	P	P	16 17 08.3	-0.2
J37A	baz=163,SNR=7.0	81.53	345	P	P	16 17 08.4	-0.1
ISCO	baz=154,SNR=16	81.54	335	P	P	16 17 09.9	+0.8
ISCO	comp=Z,94nm,1.5s	81.54	335	EP	P	16 17 09.7	+0.6
ISCO	comp=Z,6um,18.0s	81.54	335	EP	P	16 17 09.7	+0.6
ISCO	comp=Z,94nm,1.5s	81.54	335	EP	P	16 17 09.7	+0.6
I41A	comp=Z,6um,18.0s	81.56	348	P	P	16 17 08.3	-0.4
MLZ	baz=166	81.57	219	PFAKE	LR	16 17 20.0	+1.1
H43A	baz=168	81.63	349	P	P	16 17 08.8	-0.1
K33A	baz=161	81.63	342	P	P	16 17 09.0	-0.1
PV09	baz=161	81.64	332	EP	P	16 17 10.4	+0.8
BFSC	baz=145,SNR=12	81.65	324	P	P	16 17 11.3	+1.8
I39A	baz=165,SNR=11	81.65	347	P	P	16 17 08.7	-0.5
J36A	baz=163,SNR=9.5	81.71	345	P	P	16 17 09.4	-0.1
PYZ	comp=Z,9um,20.0s	81.72	217	PFAKE	LR	16 17 20.0	+1.0
SNCC	comp=Z,5um,21.0s	81.75	322	P	P	16 17 09.5	-0.4
SNCC	comp=Z,9um,18.0s	81.75	322	PFAKE	LR	16 17 20.0	+1.0
H42A	baz=168	81.78	349	P	P	16 17 09.7	-0.1
MWC	comp=Z,97nm,1.3s	81.83	324	EP	P	16 17 11.9	+1.4
MWC	comp=Z,6um,18.0s	81.83	324	EP	P	16 17 11.9	+1.4
MWC	comp=Z,12um,18.0s	81.83	324	EP	P	16 17 11.9	+1.4
TUQ	comp=Z,97nm,1.3s	81.83	324	EP	P	16 17 11.9	+1.4
PASC	comp=Z,12um,18.0s	81.83	326	P	P	16 17 12.1	+1.6
PASC	comp=Z,12um,18.0s	81.84	324	EP	P	16 17 12.2	+1.8
PASC	comp=Z,114nm,1.4s	81.84	324	EP	P	16 17 12.2	+1.8
RRX	comp=Z,10um,19.0s	81.86	325	P	P	16 17 12.2	+1.7
K32A	baz=160	81.92	342	P	P	16 17 10.5	-0.1
J35A	baz=162	81.94	344	P	P	16 17 10.5	-0.1
FOZ	comp=Z,6um,22.0s	81.96	221	PFAKE	LR	16 17 20.0	+8.9

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FOZ	comp=Z,13um,20.0s	81.97	330	EP	P	16 17 12.2	+0.8
PKCU	comp=Z,149nm,1.8s	81.98	218	PFAKE	LR	16 17 20.0	+8.8
DCZ	comp=Z,5um,19.0s	81.98	324	P	P	16 17 12.9	+1.7
DECC	baz=145	81.99	346	P	P	16 17 10.4	-0.5
I38A	baz=164,SNR=16	81.99	346	P	P	16 17 10.4	-0.5
LCMT	baz=145	81.99	329	EP	P	16 17 11.9	+0.6
J34A	baz=182,SNR=7.3	82.03	343	P	P	16 17 11.2	0.0
H41A	baz=167	82.06	348	P	P	16 17 10.8	-0.4
K31A	baz=167	82.09	341	P	P	16 17 12.2	+0.7
LBTB	comp=Z,160nm,1.0s	82.12	115	EP	P	16 17 12.1	-0.3
LBTB	comp=Z,158nm,0.9s	82.12	115	EP	P	16 17 12.4	+0.1
GSC	baz=146,SNR=9.4	82.12	325	P	P	16 17 13.5	+1.5
GSC	baz=146,SNR=9.4	82.12	325	EP	P	16 17 12.0	+0.1
GSC	comp=Z,100nm,1.4s	82.12	325	EP	P	16 17 12.0	+0.1
GSC	comp=Z,7um,21.0s	82.12	325	EP	P	16 17 12.0	+0.1
GSC	comp=Z,104nm,1.4s	82.12	325	EP	P	16 17 12.0	+0.1
I37A	comp=Z,7um,21.0s	82.17	345	P	P	16 17 11.8	-0.1
H40A	baz=164,SNR=15	82.19	348	P	P	16 17 11.7	-0.3
MMU	baz=166	82.22	331	EP	P	16 17 13.6	+1.0
BLG	baz=166	82.22	331	EP	P	16 17 14.2	+1.8
LMN	comp=Z,76nm,1.0s	82.28	6	EP	P	16 17 12.7	+0.4
LMN	comp=Z,6um,21.0s	82.30	343	P	P	16 17 12.6	0.0
J33A	baz=161	82.30	345	P	P	16 17 12.4	-0.2
I36A	baz=163	82.31	359	EP	P	16 17 12.4	-0.2
TRQ	comp=Z,144nm,2.0s	82.32	324	EP	P	16 17 14.2	+1.2
EDW2	baz=145	82.36	344	P	P	16 17 12.8	0.0
I35A	baz=162	82.38	326	P	P	16 17 14.7	+1.5
SHOC	baz=146	82.39	350	P	P	16 17 12.8	-0.1
G43A	comp=Z,112nm,1.3s	82.39	327	EP	P	16 17 14.4	+1.0
SHPR	comp=Z,3um,18.0s	82.40	323	P	P	16 17 14.5	+1.2
SCZ2	baz=165	82.41	347	P	P	16 17 12.8	-0.2
H39A	baz=165	82.41	347	P	P	16 17 12.8	-0.2
SZCU	comp=Z,144nm,2.0s	82.42	329	EP	P	16 17 14.3	+0.6
MTPU	comp=Z,47nm,1.1s	82.44	330	EP	P	16 17 14.6	+0.8
OSI	comp=Z,107nm,1.3s	82.46	324	EP	P	16 17 15.2	+1.5
OSI	comp=Z,9um,18.0s	82.48	349	P	P	16 17 13.4	0.0
G42A	baz=168	82.50	66	EP	P	16 17 14.8	+0.5
KOWA	comp=Z,698nm,1.8s	82.50	66	EP	P	16 17 14.8	+0.5
KOWA	comp=Z,19um,18.0s	82.50	329	EP	P	16 17 15.4	+1.3
CCUT	comp=Z,91nm,1.2s	82.51	227	EP	P	16 17 14.5	+0.4
HIZ	comp=Z,149nm,1.1s	82.51	227	EP	P	16 17 14.5	+0.4
F45A	comp=Z,7um,19.0s	82.52	351	P	P	16 17 13.4	-0.2
F46A	baz=170	82.52	352	P	P	16 17 13.5	-0.1
J32A	baz=160	82.56	342	P	P	16 17 13.8	-0.2
G41A	baz=167	82.57	349	P	P	16 17 13.5	-0.5
H38A	baz=164	82.59	346	P	P	16 17 13.8	-0.2
ECSD	baz=164	82.61	343	P	P	16 17 14.4	+0.3
ECSD	baz=164,SNR=7.2	82.61	343	EP	P	16 17 13.9	-0.2
H37A	baz=164,SNR=7.5	82.62	346	P	P	16 17 14.0	-0.2
N23A	baz=154,SNR=16	82.64	336	P	P	16 17 15.8	+1.1
N23A	comp=Z,130nm,1.4s	82.64	336	EP	P	16 17 15.1	+0.4
LRMC	comp=Z,8um,18.0s	82.68	325	P	P	16 17 16.4	+1.5
SRU	baz=145	82.70	332	EP	P	16 17 15.6	+0.6
SRU	comp=Z,53nm,1.0s	82.70	332	EP	P	16 17 15.6	+0.6
J31A	comp=Z,53nm,1.0s	82.71	341	EP	P	16 17 15.1	+0.3
I34A	baz=159	82.72	344	P	P	16 17 15.2	+0.4
O20A	baz=162	82.76	334	P	P	16 17 16.6	+1.3
O20A	baz=152,SNR=9.1	82.76	334	EP	P	16 17 16.0	+0.7
O20A	comp=Z,94nm,1.3s	82.76	334	EP	P	16 17 16.0	+0.7
G40A	comp=Z,6um,19.0s	82.79	348	P	P	16 17 14.8	-0.2
H36A	baz=166,SNR=7.5	82.82	345	P	P	16 17 15.4	+0.1
MSU	baz=163	82.84	330	EP	P	16 17 17.2	+1.4
MSU	baz=163	82.84	330	EP	P	16 17 17.2	+1.4
PHWY	comp=Z,85nm,1.4s	82.84	336	EP	P	16 17 16.5	+0.7
PHWY	comp=Z,3um,20.0s	82.88	350	P	P	16 17 15.4	-0.1
PQI	comp=Z,104nm,1.4s	82.88	4	EP	P	16 17 16.2	+0.8
PQI	comp=Z,3um,19.0s	82.92	351	P	P	16 17 15.5	-0.2
F44A	baz=169	82.93	324	P	P	16 17 17.6	+1.6
ARVC	baz=144	82.94	350	P	P	16 17 15.9	+0.1
F42A	baz=						

PMPB	comp=Z,10um,18.0s	LR	LR		
E35A	Pequot Lakes bazz=163	84.81 345	P	P	16 17 25.3 0.0
SAIU	SouthIn Antel	84.85 331	eP	P	16 17 26.5 +0.6
E34A	Wadena bazz=162	84.93 345	P	P	16 17 26.0 0.0
RSSD	Black Hills bazz=155	84.95 338	P	P	16 17 26.8 +0.4
RSSD	Black Hills	84.95 338	eP	P	16 17 26.3 -0.1
RSSD	comp=Z,64nm,1.0s			pmax	
RSSD	comp=Z,3um,18.0s		MLR	MLR	
RSSD	Black Hills	84.95 338	eP	P	16 17 26.2 -0.1
RSSD	comp=Z,64nm,1.0s		LR	LR	
MLAC	Mammoth, Mammo	84.97 325	P	P	16 17 28.1 +1.4
F31A	Hecla bazz=145	85.00 343	P	P	16 17 28.1 -0.3
NAIU	bazz=160,SNR=5.7	85.01 331	eP	P	16 17 27.3 +0.6
D37A	Cotton	85.01 347	P	P	16 17 26.3 0.0
E33A	Westby DABS, E bazz=162,SNR=6.8	85.10 344	P	P	16 17 26.5 -0.3
MCU	Monte Cristo P Goodland	85.12 332	eP	P	16 17 28.2 +0.8
D36A	bazz=164	85.16 346	P	P	16 17 27.9 -0.2
RSUT	Red Spur Mount Remer	85.23 332	eP	P	16 17 28.6 +0.6
P35A	bazz=163,SNR=16	85.24 346	P	P	16 17 27.7 +0.1
PCED	Cedros	85.25 33	eP	P	16 17 29.9 +2.1
PICO	comp=Z,151nm,1.6s	85.27 34	eP	P	16 17 30.0 +2.0
NV11	comp=Z,223nm,1.4s	85.31 326	eP	P	16 17 29.0 +0.7
NV11	comp=Z,7.1nm,1.3s		LR	LR	
SPUT	comp=Z,400nm,18.0s	85.34 331	eP	P	16 17 28.7 +0.3
C38A	South Pine Sawhill Land	85.35 348	P	P	16 17 27.3 -0.8
NVAR	bazz=165,SNR=12	85.38 326	eP	P	16 17 29.8 +1.1
NVAR	comp=Z,9.1nm,0.6s,bazz=147,slow=6.0,SNR=83	85.42 344	P	P	16 17 28.3 -0.1
NVAR	comp=Z,0.9nm,0.7s,bazz=292,slow=2.4,SNR=6.5		LR	LR	16 47 59.9
E32A	Braaten, Kindr Black Mountain Omaha	85.44 333	eP	P	16 17 29.6 +0.6
BMUT	comp=Z,13um,20.0s	85.45 229	eP	P	16 17 38.9 +2.1
OUZ			LR	LR	
D34A	Park Rapids bazz=162,SNR=6.6	85.48 345	P	P	16 17 28.6 -0.1
SAO	San Andreas Ge	85.50 323	PFAKE	LR	16 17 40.0 +1.1
C37A	comp=Z,9um,18.0s	85.52 347	P	P	16 17 28.6 -0.3
ROSA	Embarass bazz=165,SNR=6.2	85.53 34	eP	P	16 17 30.9 +1.7
ROSA	Rosais comp=Z,209nm,1.6s	85.53 34	PFAKE	LR	16 17 40.0 +1.1
PD31	comp=Z,6um,22.0s	85.54 334	eP	P	16 17 29.4 -0.1
PDAR	Pinedale Array Pinedale Array	85.54 334	P	P	16 17 29.6 +0.2
PDAR	comp=Z,18nm,1.1s,bazz=134,slow=4.3,SNR=76		LR	LR	16 35 32.4 -1.7
E31A	Nome bazz=160	85.57 343	P	P	16 17 29.3 +0.1
PSMA	Santa Maria comp=Z,152nm,1.7s	85.58 37	eP	P	16 17 29.7 +0.3
EYMN	Ely bazz=165,SNR=7.0	85.61 348	P	P	16 17 29.3 0.0
EYMN	Ely comp=Z,116nm,1.6s	85.61 348	eP	P	16 17 28.6 -0.7
PSMN	comp=Z,4um,21.0s	85.62 37	eP	P	16 17 29.8 +0.1
C36A	Pine Crest Far bazz=164,SNR=9.0	85.66 347	P	P	16 17 29.2 -0.4
D33A	AnnSam, Waubun bazz=162,SNR=9.5	85.67 345	P	P	16 17 29.4 -0.3
BEI	Bear River Ran Kaiserville	85.78 332	eP	P	16 17 31.2 +0.7
KVN	comp=Z,67nm,1.1s	85.80 327	eP	P	16 17 31.5 +0.8
KVN	comp=Z,6um,18.0s	85.80 327	eP	P	16 17 31.5 +0.8
KVN	comp=Z,67nm,1.1s		LR	LR	
C35A	comp=Z,6um,18.0s	85.82 346	P	P	16 17 30.3 -0.1
HVU	Jirik Farms, M bazz=163,SNR=9	85.87 331	eP	P	16 17 31.2 +0.2
HVU	Hansel Valley comp=Z,94nm,1.2s	85.87 331	eP	P	16 17 31.2 +0.2
TOC5	Torodi Ar. Sit	85.89 71	PFAKE	LR	16 17 40.0 +8.5
TOC6	comp=Z,14um,21.0s	85.90 71	PFAKE	LR	16 17 40.0 +8.5
TOC6	comp=Z,12um,21.0s	85.90 71	PFAKE	LR	16 17 40.0 +8.5
PGRA	Graciosa	85.90 34	eP	P	16 17 31.6 +0.6
TOB4	comp=Z,66nm,1.3s	85.90 71	PFAKE	LR	16 17 40.0 +8.4
TOB4	comp=Z,12um,21.0s	85.91 71	PFAKE	LR	16 17 40.0 +8.4
TOC4	comp=Z,12um,21.0s	85.91 71	PFAKE	LR	16 17 40.0 +8.4
TOB5	comp=Z,12um,21.0s	85.91 71	PFAKE	LR	16 17 40.0 +8.4
TOA3	comp=Z,12um,21.0s	85.91 71	PFAKE	LR	16 17 40.0 +8.4
TOC7	comp=Z,100nm,19.0s	85.92 71	PFAKE	LR	16 17 40.0 +8.4
D32A	comp=Z,11um,21.0s	85.92 344	P	P	16 17 30.9 0.0
TOA0	comp=Z,365nm,1.6s	85.92 71	eP	P	16 17 31.4 -0.2
TOA0	comp=Z,12um,21.0s		LR	LR	
TORD	comp=Z,12um,21.0s	85.92 71	P	P	16 17 31.6 0.0
TORD	comp=Z,63nm,1.1s,bazz=232,slow=3.3,SNR=142		LR	LR	16 27 51.4 -4.8
TORD	comp=Z,0.9nm,1.1s,bazz=186,slow=4.3,SNR=2.6		LR	LR	16 52 11.3
TOA1	comp=Z,11um,21.0s	85.92 71	PFAKE	LR	16 17 40.0 +8.3
TOB3	comp=Z,11um,21.0s	85.92 71	PFAKE	LR	16 17 40.0 +8.3
TOA2	comp=Z,11um,21.0s	85.92 71	PFAKE	LR	16 17 40.0 +8.3
TOB2	comp=Z,100nm,18.0s	85.93 71	PFAKE	LR	16 17 40.0 +8.3
TOC3	comp=Z,12um,21.0s	85.93 71	PFAKE	LR	16 17 40.0 +8.3
ADH	comp=Z,12um,21.0s	85.93 34	eP	P	16 17 33.1 +2.0
TOC1	comp=Z,38nm,1.0s	85.94 71	PFAKE	LR	16 17 40.0 +8.2
TOC2	comp=Z,13um,21.0s	85.94 71	PFAKE	LR	16 17 40.0 +8.2
WAKR	Walker comp=Z,76nm,1.3s	85.95 325	eP	P	16 17 33.0 +1.4

WAKR	comp=Z,12um,18.0s	LR	LR		
C34A	RKU Ranch, Bem bazz=162	85.96 345	P	P	16 17 30.8 -0.3
PSET	Set Citades comp=Z,122nm,0.9s	85.96 36	eP	P	16 17 32.5 +1.1
D31A	Mccafflin, Tow bazz=160,SNR=5.7	85.99 343	P	P	16 17 31.5 +0.2
CMLA	Cha da Macela comp=Z,26nm,0.7s	86.01 36	eP	P	16 17 32.9 +1.3
CMLA	Ch da Macela	86.01 36	PFAKE	LR	16 17 40.0 +8.4
CMB	comp=Z,8um,19.0s	86.01 324	eP	P	16 17 32.8 +1.1
CMB	Columbia Colle comp=Z,77nm,1.3s		pmax	pmax	
CMB	comp=Z,5um,19.0s	86.01 324	eP	P	16 17 32.8 +1.1
CMB	Columbia Colle comp=Z,77nm,1.4s		LR	LR	
PCALD	comp=Z,5um,19.0s	86.05 36	eP	P	16 17 32.9 +1.1
AHID	comp=Z,137nm,0.6s	86.09 333	eP	P	16 17 32.2 +0.1
AHID	Auburn Hatcher comp=Z,147nm,1.5s		LR	LR	
JBNB	comp=Z,12um,18.0s	86.13 323	eP	P	16 17 32.8 +0.5
RDG13	Poverty Ridge RDG13	86.17 323	PFAKE	LR	16 17 40.0 +7.5
BART	comp=Z,7um,22.0s	86.19 36	eP	P	16 17 30.9 -1.7
C33A	Pico Bartolome comp=Z,196nm,1.3s	86.24 345	P	P	16 17 32.5 0.0
YERR	Trail bazz=162	86.25 326	eP	P	16 17 33.8 +0.8
YERR	Ferrington comp=Z,135nm,1.4s		LR	LR	
B35A	comp=Z,10um,18.0s	86.41 346	P	P	16 17 33.0 -0.3
C32A	Bob, Littlefor bazz=161	86.46 344	P	P	16 17 33.6 +0.1
PNTR	Crookston bazz=161	86.50 326	eP	P	16 17 35.6 +1.4
PNTR	Pine Nut comp=Z,70nm,1.0s		LR	LR	
REDW	comp=Z,10um,18.0s	86.52 333	eP	P	16 17 34.1 -0.2
REDW	Red Top Meadow comp=Z,109nm,1.3s		LR	LR	
PMOZ	comp=Z,9um,19.0s	86.53 44	eP	P	16 17 35.3 +0.9
PMOZ	Porto Moniz, M comp=Z,154nm,1.5s	86.53 44	eS	S	16 28 15.8 +6.3
PMOZ	Porto Moniz, M comp=Z,154nm,1.5s	86.53 44	eLQ	LQ	16 40 36.1
PMOZ	Porto Moniz, M comp=Z,154nm,1.5s	86.53 44	eLR	LR	16 40 40.0
FUL	comp=Z,7um,18.0s	86.57 45	eP	P	16 17 35.8 +1.4
SNOW	Funchal comp=Z,187nm,1.9s	86.58 334	eP	P	16 17 34.7 +0.1
SNOW	Snow King Moun comp=Z,108nm,1.1s		LR	LR	
XMAS	comp=Z,11um,19.0s	86.58 275	PFAKE	LR	16 17 50.0 +15
XMAS	Kiritimati		LR	LR	
PMAR	comp=Z,12um,18.0s	86.61 45	eP	P	16 17 36.4 +1.5
PMAR	Madeira comp=Z,259nm,1.7s	86.61 45	ePP	PP	16 20 57.8 +0.3
LOHW	Long Hollow LOHW	86.65 334	PFAKE	LR	16 17 50.0 +15
TPAW	comp=Z,21um,21.0s	86.67 333	eP	P	16 17 35.1 +0.1
TPAW	Teton comp=Z,85nm,1.0s		LR	LR	
B33A	comp=Z,8um,19.0s	86.69 345	P	P	16 17 34.4 -0.3
C31A	Robert and Kas bazz=163,SNR=7.2	86.70 344	P	P	16 17 34.7 0.0
B34A	Landman Farms, bazz=160,SNR=14	86.70 346	P	P	16 17 34.4 -0.3
AGMN	Aery, Baudette bazz=163,SNR=19	86.77 345	P	P	16 17 35.0 0.0
AGMN	Agassiz Nation bazz=162,SNR=19	86.77 345	eP	P	16 17 34.6 -0.4
AGMN	Agassiz Nation comp=Z,247nm,1.9s		LR	LR	
MOOW	comp=Z,4um,19.0s	86.82 334	eP	P	16 17 34.9 -0.8
MOOW	Moose Ponds comp=Z,68nm,1.5s		LR	LR	
FXWY	comp=Z,11um,20.0s	86.83 334	eP	P	16 17 35.4 -0.3
FXWY	Fox Creek comp=Z,64nm,1.2s		LR	LR	
PAHR	comp=Z,7um,19.0s	86.90 326	eP	P	16 17 35.3 -0.9
PAHR	Pah Rah Range comp=Z,183nm,1.6s		LR	LR	
B32A	comp=Z,9um,18.0s	87.00 345	P	P	16 17 36.0 -0.2
AFDM	Ashes, Strandq bazz=161,SNR=23	87.02 325	eP	P	16 17 36.4 -0.1
AFDM	Forest Hills D comp=Z,74nm,1.4s		LR	LR	
PMP5	comp=Z,7um,18.0s	87.19 45	eP	P	16 17 39.9 +2.5
PMP5	Porto Santo comp=Z,143nm,1.4s	87.19 45	ePP	PP	16 21 02.6 +0.8
MDND	comp=Z,143nm,1.4s	87.19 343	P	P	16 17 37.4 +0.3
MDND	Maddock bazz=159,SNR=21	87.19 343	eP	P	16 17 37.0 -0.1
MDND	Maddock comp=Z,466nm,1.4s		LR	LR	
B31A	comp=Z,3um,20.0s	87.28 344	P	P	16 17 37.3 -0.1
A33A	Greenbush Farm bazz=160	87.28 346	P	P	16 17 37.6 +0.1
MCCM	Waroad bazz=162,SNR=7.1	87.29 323	PFAKE	LR	16 17 50.0 +12
MCCM	Marconi Center MCCM		LR	LR	
H17A	comp=Z,7um,20.0s	87.32 334	P	P	16 17 39.4 +1.3
H17A	Grant Village bazz=151,SNR=8.1	87.32 334	eP	P	16 17 39.0 +0.8
H17A	Grant Village comp=Z,53nm,1.3s		LR	LR	
LKWY	comp=Z,22um,20.0s	87.41 334	eP	P	16 17 37.5 -1.1
LKWY	Lake comp=Z,65nm,1.5s		pmax	pmax	
LKWY	comp=Z,11um,19.0s	87.41 334	eP	P	16 17 37.5 -1.1
LKWY	Lake comp=Z,65nm,1.5s		LR	LR	
BEKR	comp=Z,11um,19.0s	87.47 326	eP	P	16 17 39.7 +0.8
BEKR	Beckworth comp=Z,89nm,1.5s		LR	LR	
A32A	comp=Z,7um,21.0s	87.49 345	P	P	16 17 38.3 -0.2
RLMT	Rocking H Ranc bazz=161	87.51 335	P	P	16 17 39.6 +0.6
RLMT	Red Lodge bazz=152,SNR=17	87.51 335	eP	P	16 17 39.1 +0.1
RLMT	Red Lodge comp=Z,83nm,1.4s		LR	LR	
A31A	comp=Z,4um,19.0s	87.65 344	P	P	16 17 39.0 -0.3
YMR	Lim, St. Vin bazz=161	87.70 334	eP	P	16 17 40.3 +0.3
ORV	Madison River comp=Z,202nm,1.2s	87.75 325			

23d 16h

2012 JAN

1074

Table with columns for team names (e.g., Tasmania Unive, Newport), scores, and performance metrics. Includes sub-headers like 'TAU', 'NEW', 'G03D', etc.

Table with columns for team names (e.g., San Pablo, Braganca, Sonseca Array), scores, and performance metrics. Includes sub-headers like 'PAB', 'PBRG', 'ESDC', etc.

Table with columns for team names (e.g., FETA, RETA, HNR, HNR), scores, and performance metrics. Includes sub-headers like 'FETA', 'RETA', 'HNR', etc.

23rd 16h

Table with columns for team names (e.g., MARD, BTM, KOPT), scores, and match details. Includes sub-sections like 'MARD 16h' and 'BTM 16h'.

2012 JAN

Main table listing various teams (e.g., MAK, JAGI, UOSS, CISI) and their match results with scores and match details.

1076

Table listing teams (e.g., KULM, KKM, NJS, HYB) and their match results with scores and match details.

Table with columns: GRNR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Gornyy, Ucho, Bishkek, Karayagbulak, etc.

Table with columns: CMAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mudanjiang, Chiang Mai, Phrae, etc.

Table with columns: SONM, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Nanjing, Guiyang, Wuhan, Beijing, etc.

IDC 23 16:08:33.2-4.5,2071Sx176.55W,h0km,mb4.1/4, mb1.4/3/4,mb1mx3.8/35,mbtmp4.1/4, Error ellipse: s-maj=145.0km s-min=88.2km az=158.0, Fijl islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA, ASAR, WRA, FITZ, etc.

Table with columns: SJG, San Juan, 4.98 288 Pn, Pn, 16 33 30.5 +1.0, etc. Includes stations like SDRR, OCAC, RUSC, ZARC, etc.

Table with columns: NIE, Niedzica, 1.29 128 ePg, Pg, 17 19 40.5 0.0, etc. Includes stations like DPC, Dobruska-Polom, etc.

Table with columns: LPaz, La Paz, 20.53 15 eP, Pn, 17 26 48.3 +0.1, etc. Includes stations like NNA, Nana, etc.

Table with columns: IDC 23 16:45:30.3, 1.3, 8.76S, 159.09E, h180km, 23km, mb3.2/5, etc. Includes stations like HNR, WRA, ASAR, etc.

Table with columns: ISCJJB 23 17:22:05.2, 1.2, 36.37S, 0.03, 73.51W, 0.04, h7km, 7km, etc. Includes stations like PRU, Pankova Ves, etc.

Table with columns: Z45A, Winona, 71.00 346 P, P, 17 33 25.7 +0.9, etc. Includes stations like Y48A, UCPCAR, etc.

Table with columns: IDC 23 16:46:55.1, 2.1, 4.15N, 152.24E, h250km, n12, etc. Includes stations like PMG, CTA, WRA, etc.

Table with columns: ISC 23 17:22:05.2, 0.5, 36.40S, 73.42W, h0km, mb4.3/13, etc. Includes stations like COCH, CCHI, etc.

Table with columns: WHTX, Lake Whitney, 71.61 339 eP, P, 17 33 29.1 +0.6, etc. Includes stations like X47A, X43A, etc.

Table with columns: MEX 23 16:48:47.0, 0.4, 17.47N, 93.29W, h15km, 33km, MD3.7, etc. Includes stations like PCIG, CCIG, etc.

Table with columns: NICH, Los Niches, 2.25 54 eP, Pn, 17 22 47.0 -0.1, etc. Includes stations like CANA, CAVIAHUE, etc.

Table with columns: WWT, Waverly, 73.34 348 eP, P, 17 33 38.7 0.0, etc. Includes stations like WVT, WWT, etc.

Table with columns: ISCJBJ 23 17:19:14.5, 0.4, 50.26N, 0.03, 18.71E, 0.02, h0km, Error ellipse: s-maj=4.7km, etc. Includes stations like CHZP, OKC, etc.

Table with columns: NICH, Los Niches, 2.25 54 eP, Pn, 17 22 47.0 -0.1, etc. Includes stations like AAGR, ARCO, etc.

Table with columns: WWT, Waverly, 73.34 348 eP, P, 17 33 38.7 0.0, etc. Includes stations like WVT, WWT, etc.

23d 17h

2012 JAN

1080

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like W35A Tecumseh, V38A Canehill, U40A Yellville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like P36A Good Intent, N43A Stutzman, P35A Duane Minner, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RSSD Black Hills, D37A Cotton, BGU Big Grassy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WATZ, BKZ, RATZ, MOCH, KATZ, etc.

CSEM 23 18:03:45.3, 42.43N, 42.85E, h0km, ML2.0
TIF 23 18:03:46.5, 42.33N, 43.06E, h0km
DDA 23 18:03:59.6, 41.48N, 42.89E, h7km, MI2.7

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ONI, ONO, POSOF, AKH, etc.

JMA 23 18:19:7.0, 1.3657N, 141.06E, h53km, ML3.8,
Near east coast of eastern Honshu

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

ISCJB 23 18:22:08.4, 0.4, 3.32S, 0.05, 145.85E, 0.07, h10km,
mb=3.19, MS4-18, Error ellipse: s-maj=10.6km

ISC 23 18:22:08.9, 0.8, 3.29S, 145.83E, h0km, ML4.2/1.1,
mb1 4.4/1.1, mb1mx4.2/3.5, mbtmp4.3/1.4, ML4.5/3, MS4.1/1.0,

NEIC 23 18:22:13.9, 0.4, 3.32S, 145.84E, h35km, mb4.78, Error
ellipse: s-maj=10.8km s-min=7.2km az=84.0

ISC 23 18:22:11.2, 0.6, 3.30S, 0.08, 145.89E, 0.10, h10km, n46,
o186/33, mb4.4/1.9, MS4.1/8, Near north coast of New Guinea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CM31, CMAR, CMAR, etc.

IDC 23 18:23:45.9, 1.0, 36.03N, 28.55E, h0km, mb3.6/7,
mb1 3.7/1.2, mb1mx3.5/4.4, mbtmp3.5/1.2, ML3.4/5, Error

DDA 23 18:23:46.7, 36.06N, 28.50E, h7km, MI3.6
CSEM 23 18:23:47.2, 2.1, 36.06N, 28.55E, h2km, ML3.5, Error

HLW 23 18:23:47.6, 36.12N, 28.57E, h0km, MI4.1
ISCAR 23 18:23:47.1, 0.6, 36.08N, 0.02, 28.57E, 0.02, h0km, gkm,

THE 23 18:23:48.6, 36.20N, 28.56E, h3km, ML3.4/3, Error ellipse:
s-maj=0.9km s-min=0.4km az=297.0

ATH 23 18:23:48.2, 36.16N, 28.50E, h21km, ML3.5/6, Error
ellipse: s-maj=1.5km s-min=0.8km az=181.0

ISK 23 18:23:48.0, 36.14N, 28.48E, h20km, ML4.0
NIC 23 18:23:54.7, 0.1, 36.06N, 29.20E, h11km, mb4.1, ML3.6

ISC 23 18:23:54.1, 0.1, 36.11N, 0.03, 28.54E, 0.02, h12km, 7km,
n247, s1930/290, mb3.6/7, 10C-10D, Dodecanese Islands

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

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

PLAL	Pickwick Lake	22.08 318	eP	P	20 55 10.4 +0.4	T44A	Benton	24.37 320	P	P	20 55 32.1 -0.8	W39A	Magazine	26.05 312	P	P	20 55 49.3 +1.1
X46A	Booneville	22.15 316	P	P	20 55 10.5 -0.2	Z41A	Richland Creek	24.39 300	P	P	20 55 32.2 -1.0	PLVO	Plevna	26.06 349	eP	P	20 55 48.4 +0.3
U48A	Cassidy Pea, Po	22.19 323	P	P	20 55 10.1 -1.0	R45A	Skyler, Fairri	24.43 324	P	P	20 55 32.9 -0.5	P43A	Skaggs Pawnee	26.06 324	P	P	20 55 47.8 -0.4
VBMS	Vicksburg	22.20 309	P	P	20 55 10.6 -0.6	U43A	Rector	24.43 317	P	P	20 55 33.5 +0.1	Y38A	Idabel	26.12 308	P	P	20 55 48.5 -0.3
Z45A	Winona	22.21 312	P	P	20 55 10.7 -0.5	W42A	Bald Knob	24.52 314	P	P	20 55 33.1 -1.2	Q42A	Golden Eagle	26.13 322	P	P	20 55 48.9 0.0
244A	Avery, Jackson	22.24 308	P	P	20 55 11.4 -0.2	Y41A	Eaglette Beard	24.55 310	P	P	20 55 34.6 0.0	M45A	Boilermakers S	26.19 330	P	P	20 55 49.3 -0.1
V47A	Nunnely	22.29 320	P	P	20 55 11.9 -0.3	SIUC	Southern Illini	24.57 321	eP	P	20 55 35.7 +1.0	SADO	Sadowa	26.24 345	P	P	20 55 49.2 -0.5
BRYW	Bryant College	22.32 357	eP	P	20 55 12.1 -0.4	240A	Hunter Pattners	24.57 305	P	P	20 55 33.8 -1.0	SADO	Rosebud	26.24 345	eP	P	21 06 26.2
144A	Alexander Plac	22.34 310	P	P	20 55 11.8 -0.9	S44A	Carbondale	24.57 321	P	P	20 55 34.4 -0.3	R41A	Rosebud	26.24 320	P	P	20 55 49.4 -0.3
Y45A	Yeager Farm, C	22.38 313	P	P	20 55 13.1 -0.1	NCB	Newcomb	24.58 353	eP	P	20 55 35.6 +0.7	T40A	Mansfield	26.26 317	P	P	20 55 49.1 -0.8
PTGA	Pitinga	22.50 152	P	P	20 55 13.7 -0.8	OLIL	Olney	24.64 325	eP	P	20 55 36.4 +1.0	V39A	Mansfield	26.28 317	P	P	20 55 49.4 -0.6
PTGA	Pitinga	22.50 152	eP	P	21 04 52.7	LBNH	Lisbon	24.66 357	eP	P	20 55 36.3 +0.8	U39A	Green Forest	26.46 314	P	P	20 55 50.3 -0.1
PTGA	Pitinga	22.50 152	eP	P	20 55 15.4 +0.9	LBNH	Lisbon	24.66 357	eP	P	20 55 36.3 +0.8	P42A	Winchester	26.48 313	P	P	20 55 51.8 -0.1
443A	Delano Plantat	22.50 304	P	P	20 55 14.7 +0.3	140A	Cam and Jess,	24.68 307	P	P	20 55 35.0 -0.8	W38A	Poteau	26.48 321	P	P	20 55 51.6 -0.5
T48A	Bowling Green	22.53 324	P	P	20 55 14.7 0.0	PBMO	Poplar Bluff	24.70 318	eP	P	20 55 36.7 +0.8	S40A	Lebanon	26.51 317	P	P	20 55 52.6 +0.3
U47A	Clarksville	22.57 322	P	P	20 55 15.0 -0.2	V42A	Cord	24.74 315	P	P	20 55 35.7 -0.6	X38A	Whitesboro	26.54 310	P	P	20 55 52.3 -0.1
X45A	UM Field Stati	22.60 315	P	P	20 55 14.7 -0.8	LVIG	Laguna Verde	24.74 275	eP	P	20 55 37.2 +0.7	M44A	Midewin, Midew	26.57 329	P	P	20 55 52.9 +0.3
V46A	Holladay	22.64 319	P	P	20 55 15.1 -0.8	Q47A	Sheridan	24.78 320	P	P	20 55 36.2 -0.4	Q41A	Truxton	26.57 321	P	P	20 55 53.6 +0.8
OXF	Oxford	22.66 315	P	P	20 55 15.9 -0.3	O45A	Warren Harvey,	24.78 325	P	P	20 55 37.1 +0.5	HDIL	Hopedale	26.59 326	P	P	20 55 53.8 +0.8
OXF	Oxford	22.66 315	eP	P	20 55 16.8 +0.7	X41A	Kaden, Bauxite	24.79 311	P	P	20 55 37.1 +0.3	HDIL	Hopedale	26.59 326	P	P	20 56 10.0 +1.7
OXF	Oxford	22.66 315	eP	P	20 55 16.8 +0.7	T43A	Greenville	24.80 319	P	P	20 55 36.9 +0.1	LMN	Caledonia Moun	26.59 8	eP	P	20 56 10.0 +1.7
WVT	Waverly	22.68 320	P	P	20 55 15.6 -0.6	P46A	Rosedale	24.82 327	P	P	20 55 38.0 +1.1	KVTX	Kingsville	26.61 293	P	P	20 55 53.2 +0.2
WVT	Waverly	22.68 320	eP	P	20 55 16.8 +0.5	R44A	Waltonville	24.85 323	P	P	20 55 36.9 +0.3	KVTX	Kingsville	26.61 293	P	P	20 55 53.2 +0.2
WVT	Waverly	22.68 320	eP	P	20 55 16.8 +0.5	WVL	Waterville	24.94 1	eP	P	20 55 38.6 +0.6	HHAR	Hobbs	26.72 314	eP	P	20 55 54.3 +0.1
BCX	Boston College	22.73 358	eP	P	20 55 17.6 +0.9	U42A	Reviden	24.95 316	P	P	20 55 38.5 +0.3	T39A	Cleaver	26.75 315	P	P	20 55 54.5 +0.1
QUA2	Belchertown	22.73 356	eP	P	20 55 16.1 -0.7	W41B	Gary Mavity, V	24.96 313	P	P	20 55 37.9 -0.4	O42A	Bath	26.75 325	P	P	20 55 54.3 -0.2
S48A	Wiedeman Farm,	22.75 326	P	P	20 55 17.2 +0.2	S43A	Fulton Ridge,	24.98 320	P	P	20 55 38.6 +0.1	R40A	Madison Statio	26.78 319	P	P	20 55 54.2 -0.6
243A	Waterproof	22.76 307	P	P	20 55 16.9 -0.3	X40A	Basin Creek Fa	25.01 311	P	P	20 55 38.6 -0.1	N43A	Stutzman Farm	26.80 327	P	P	20 55 55.1 +0.2
WES	Weston	22.78 358	eP	P	20 55 17.8 +0.5	P45A	Basin Creek Fa	25.02 326	P	P	20 55 38.2 -0.6	Y37A	Hugo	26.81 308	P	P	20 55 55.0 0.0
WES	Weston	22.78 358	eP	P	20 55 17.8 +0.5	WHAR	Woolly Hollow	25.05 313	eP	P	20 55 40.0 +0.8	V38A	Canehill	26.82 312	P	P	20 55 55.7 +0.5
WES	Weston	22.78 358	eP	P	20 55 17.8 +0.5	Y40A	Oklona	25.10 310	P	P	20 55 38.8 -0.9	TRQ	Mont Tremblant	26.84 353	eP	P	20 55 55.5 +0.2
542A	Morse	22.86 302	P	P	20 55 18.6 +0.4	X301	Greenbrier Sit	25.10 313	eP	P	20 55 40.6 +1.0	X37A	Clayton	26.89 309	eP	P	20 55 55.8 0.0
Y44A	Strider, Charl	22.89 313	P	P	20 55 18.4 -0.2	NATX	Nacogdoches	25.16 304	P	P	20 55 39.7 -0.4	P41A	Barry, Barry	26.95 327	P	P	20 55 57.0 +1.1
W45A	Hickory Valley	22.91 317	P	P	20 55 18.2 -0.5	NATX	Nacogdoches	25.16 304	eP	P	20 55 42.2 +2.1	TLIG	TLIG	27.00 270	eP	P	20 55 58.2 -0.1
HRV	Adam Dzewonski	22.91 357	eP	P	20 55 18.8 +1.1	NATX	Nacogdoches	25.16 304	eP	P	20 55 42.2 +2.1	S39A	Bolivar	27.09 317	P	P	20 55 58.2 +0.7
HRV	Adam Dzewonski	22.91 357	eP	P	20 55 18.8 +1.1	Q41A	Mountainview	25.24 314	P	P	20 55 41.0 +0.2	PQI	Presque Isle	27.10 3	eP	P	20 55 56.9 -1.2
N54A	Moraine State	22.94 341	P	P	20 55 18.5 -0.5	Q44A	Meyer Farm, Va	25.26 324	P	P	20 55 41.1 +0.2	U38A	Gravette	27.11 313	P	P	20 55 56.9 -1.1
N54A	Moraine State	22.94 341	eP	P	20 55 20.1 +1.1	LONY	Lake Ozonia	25.27 353	eP	P	20 55 41.7 +0.7	O41A	Pasleys Farm,	27.14 323	P	P	20 55 57.6 -0.7
U46A	Springville	23.04 320	P	P	20 55 19.6 -0.4	LONY	Lake Ozonia	25.27 353	eP	P	20 55 41.7 +0.7	435B	Jarrell	27.16 300	P	P	20 55 57.6 -0.7
143A	Soes Landing,	23.09 309	P	P	20 55 19.4 -1.1	T42A	Van Buren	25.27 318	P	P	20 55 41.2 +0.1	W37B	Quinton	27.20 310	P	P	20 55 58.6 +0.1
BINY	Binghamton	23.11 349	eP	P	20 55 21.7 +0.9	139A	Bunkhouse Ranc	25.32 306	P	P	20 55 41.6 0.0	W37B	Quinton	27.20 310	eP	P	20 55 59.0 +0.5
BINY	Binghamton	23.11 349	eP	P	20 55 21.7 +0.9	SFIN	Lafayette	25.34 329	P	P	20 55 42.5 +0.8	Y36A	Durant	27.27 307	P	P	20 55 59.5 +0.2
V45A	Humboldt	23.12 318	P	P	20 55 20.2 -0.7	SFIN	Lafayette	25.34 329	eP	P	20 55 44.0 +2.3	R39A	Chumby, Stover	27.27 318	P	P	20 55 58.8 -0.7
X44A	Crenshaw	23.15 314	P	P	20 55 21.1 -0.1	R43A	Red Bud	25.36 322	P	P	20 55 42.0 +0.1	V37A	Hulbert	27.35 312	P	P	20 56 00.0 +0.2
342A	Flagon Creek P	23.18 305	P	P	20 55 21.6 +0.1	FRNY	Flat Rock	25.37 354	eP	P	20 55 42.6 +0.8	T38A	Diamond	27.36 315	P	P	20 56 00.0 +0.2
R48A	Northridge Ran	23.21 327	P	P	20 55 21.5 -0.3	U41A	Viola	25.40 316	P	P	20 55 42.4 +0.1	P40A	Paris	27.43 321	P	P	20 56 00.0 -0.5
Z43A	Armstrong Fami	23.23 310	P	P	20 55 20.9 -1.1	AAM	Ann Arbor	25.40 336	P	P	20 55 43.0 +0.9	S38A	Stockton	27.44 316	P	P	20 56 00.6 -0.1
TRY	Troy	23.30 353	eP	P	20 55 23.2 +0.6	AAM	Ann Arbor	25.40 336	eP	P	20 55 43.4 +1.2	WHTX	Lake Whitney,	27.45 302	P	P	20 56 01.0 +0.1
WCI	Wyandotte Cave	23.30 326	P	P	20 55 21.8 -0.9	AAM	Ann Arbor	25.40 336	eP	P	20 55 43.4 +1.2	U37A	Salina	27.59 313	P	P	20 56 01.9 -0.2
WCI	Wyandotte Cave	23.30 326	eP	P	20 55 23.7 +1.0	AAM	Ann Arbor	25.40 336	eP	P	20 55 43.4 +1.2	X36A	Centrahoma	27.61 308	P	P	20 56 01.9 -0.3
WCI	Wyandotte Cave	23.30 326	eP	P	20 55 23.7 +1.0	AAM	Ann Arbor	25.40 336	eP	P	20 55 43.4 +1.2	LNIG	Linarese	27.63 286	eP	P	20 56 03.0 +0.5
T46A	Princeton	23.34 322	P	P	20 55 22.7 -0.3	Z39A	Irene McRaven,	25.41 307	P	P	20 55 43.4 +1.1	Q39A	Willow Grove F	27.68 319	P	P	20 56 02.5 -0.3
M54A	Oil Creek Stat	23.34 342	P	P	20 55 22.5 -0.5	P44A	Sand Creek, Wi	25.45 325	P	P	20 55 43.0 +0.4	O40A	La Belle	27.71 322	P	P	20 56 02.4 -0.7
M54A	Oil Creek Stat	23.34 342	eP	P	20 55 23.3 +0.2	FVM	French Village	25.46 320	eP	P	20 55 43.8 +1.0	K43A	Burlington	27.72 330	P	P	20 56 03.3 +0.2
242A	Grayson	23.35 307	P	P	20 55 23.3 +0.1	FVM	French Village	25.46 320	eP	P	20 55 43.8 +1.0	ATAH	Atahualpa	27.74 198	P	P	20 56 03.1 -0.8
Y43A	Makayla and Ka	23.37 312	P	P	20 55 23.0 -0.4	W40A	Ferguson Farm,	25.54 312	P	P	20 55 44.1 +0.5	ATAH	Atahualpa	27.74 198	P	P	21 09 23.2
U45A	Rockin P Farm,	23.39 320	P	P	20 55 23.9 +0.3	W40A	Ferguson Farm,	25.54 312	eP	P	20 55 44.1 +0.5	R38A	Fenwick Farm,	27.75 317	P	P	20 56 03.0 -0.5
142A	Monroe	23.42 308	P	P	20 55 23.5 -0.4	S42A	Caledonia	25.55 320	P	P	20 55 45.2 +1.9	W36A	Wetunka	27.77 309	P	P	20 56 04.1 +0.4
R47A	Woolly Knot Far	23.48 326	P	P	20 55 24.0 -0.5	N46A	Monticello	25.56 330	P	P	20 55 43.0 -0.7	P39B	Salisbury	27.82 320	P	P	20 56 04.2 +0.1
441A	DeRidder	23.60 303	P	P	20 55 25.3 -0.5	MIAR	Mount Ida	25.57 310	P	P	20 55 43.4 -0.5	TUL1	Leonard	27.82 311	P	P	20 56 04.2 +0.1
CMIG	Mattias Romero	23.61 268	P	P	20 55 24.8 -1.1	MIAR	Mount Ida	25.57 310	eP	P	20 55 44.3 +0.4	TUL1	Leonard	27.82 311	eP	P	20 56 05.0 +0.9
ALLY	Alegheny Colle	23.61 341	eP	P	20 55 26.7 +0.9	MIAR	Mount Ida	25.57 310	eP	P	20 55 44.3 +0.4	T37A	Cheneyville 18	27.83 314	P	P	20 56 04.3 +0.1
X43A	Marvell	23.66 313	P	P	20 55 25.6 -0.7	MIAR	Mount Ida	25.57 310	eP	P	20 55 44.3 +0.4	M41A	Milan	27.83 326	P	P	20 56 04.0 -0.2
S46A	Don Dixon Farm	23.68 323	P	P	20 55 26.4 0.0	MIAR	Mount Ida	25.57 310	eP	P	20 55 44.3 +0.4	Y35A	Marietta	27.84 306	P	P	20 56 04.9 +0.6
T45A	Paducah	23.76 321	P	P	20 55 27.7 +0.4	PKME	Peaks-Kenny Pk	25.65 1	eP	P	20 55 45.4 +1.0	V36A	Jenks	27.87 311	P	P	20 56 04.3 -0.3
Z42A	Norrel Spur, H	23.77 309	P	P	20 55 27.4 +0.1	PKME	Peaks-Kenny Pk	25.65 1	eP	P	20 55 45.4 +1.0	V36A	Jenks	27.87 311	eP	P	20 56 05.5 +0.9
V44A	Blytheville	23.77 317	P	P	20 55 26.5 -0.8	Y39A	Lockesburg	25.66 309	P	P	20 55 44.5 -0.1	X35A	Drake	28.00 307	eP	P	20 56 05.4 -0.4
341A	Kurthwood	23.82 304	P	P	20 55 27.9 0.0	Q43A	New Douglas</										

23d 20h

Table with columns: RTC, Rabat Centre, Frequency, Power, PFAKE, LR, and various numerical values. Includes stations like Braganca, Tornquist, Dease Lake, San Pablo, etc.

2012 JAN

Table with columns: SEW, BFO, BFO, KONO, COLD, TRF, MLY, SUA, KTH, BPAW, etc. Includes stations like Seward, Black Forest, Kongsberg, Coldfoot, etc.

1088

Table with columns: GERES, GERES, KBA, EFI, PVCC, MYKA, PRU, CADS, MOA, GOPC, etc. Includes stations like GERES Array B, KBA, EFI, etc.

CSEM 23 20:54:46.2.0.1, 41.32N-20.32E, h10km, ML3.5/4, Error ellipse: s-maj=2.6km s-min=1.7km az=49.0

LDG 23 20:54:46.5.0.1, 41.35N-20.25E, h25km, ML3.4/3, Error ellipse: s-maj=3.1km s-min=2.4km az=25.0

ISC 23 20:54:45.8.0.9, 41.33N.001.20.32E.0.01, h14km, 6km, n296, s148/409, mb3.9/4, 50C-23D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station identifiers like TIR, PHP, OHR, BIA, etc.

Table with columns: KKK, Kerkira, Magnitude, Phase, Time, Res, and various station identifiers like JAN, JAN, JAN, etc.

Table with columns: TRUS, Trudelj, Magnitude, Phase, Time, Res, and various station identifiers like PAIG, PAIG, PAIG, etc.

Table with columns: Pn, Magnitude, Phase, Time, Res, and various station identifiers like Pn, Pn, Pn, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Jilco Farms, French Village, Lebaron, Cheneyville 18, Red Bud, Cathedral Cave, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Lac du Bonnet, Wild Horse Val, Dillon, Luginire, Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual. Includes stations like Makanchi Array, Lanzhou, Stephens Creek, Alice Springs, WRA, etc.

24d Oh

Table of station data for 24d Oh, including station names (e.g., USRK, TYV, KSRs), coordinates, and various parameters like frequency and power.

2012 JAN

Main table of station data for 2012 JAN, listing station names, coordinates, and parameters. Includes a section for 'ISCJB' with specific coordinates and error ellipses.

1096

Table of station data for 1096, including station names (e.g., SPN, MYs, KII, NLC) and their respective coordinates and parameters.

mb4.6/58,MS4.4/10, Error ellipse: s-maj=5.7km
 s-min=4.3km az=12.8
 BUJ 24.00:33:47.4, 13.04N:143.46E, h10km, mb4.5/52, mB4.9/33,
 Ms4.6/30, Ms7.4/30
 DJA 24.00:33:48.4, 1.1, 13°N, 8°14'3"E, h41km, 17km, M4.8/14,
 mb5.0/14, mB5.5/6, ML4.6/1, Mw(m)4.9/6
 ISC 24.00:33:48.1, 0.4, 12.66N, 0.04:143.76E, 0.05, h27km, m100,
 c198/113, mb4.7/58, MS4.5/10, 1C, South of Mariana

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h m s
GUMO	Guam	1.42	49	Op	ISC	00 34 12.0	-0.1
GUMO	Guam	1.42	49	Pn	Pn	00 34 31.1	-0.6
GUMO	Guam	1.42	49	Op	ISC	00 34 12.0	-0.1
GUMO	Guam	1.42	49	Pn	Pn	00 34 31.1	-0.6
SARN	Sarigan	4.46	26	ePn	Pn	00 34 56.0	+1.9
MANU	Manus Island	15.04	166	ePn	Pn	00 37 15.6	-3.5
MANU	Manus Island	15.04	166	ePn	Pn	00 37 15.6	-3.5
SMPI	Sarmi	15.40	199	P	P	00 37 28.3	+0.3
PATS	Pohnpei	15.46	111	ePn	Pn	00 37 23.6	-1.0
GENI	Genyem	15.57	193	P	P	00 37 31.1	+1.1
SUIJ	Sorong	18.29	224	P	P	00 38 00.0	+0.2
SUIJ	Sorong	18.29	224	P	P	00 38 00.0	+0.2
DAV	Davao City (W)	17.85	254	LR	LR	00 43 48.9	
KMPI	Kaimana, Papua	19.05	212	P	Pn	00 38 09.3	0.0
FAKI	Fak Fak	19.25	217	P	Pn	00 38 11.2	-0.5
FAKI	Fak Fak	19.25	217	eP	P	00 38 09.5	-1.2
TNTI	Ternate	20.09	235	eP	P	00 38 16.9	-3.0
LBMI	Lubuha	20.86	232	P	P	00 38 28.2	0.0
MSAI	Masohi	21.68	224	P	P	00 38 37.8	+0.8
PMG	Port Moresby	22.18	171	P	P	00 38 45.2	+2.8
PMG	Port Moresby	22.18	171	eP	P	00 38 40.3	-2.1
AAI	Ambon	22.43	225	P	P	00 38 44.5	-0.6
H1S3	WAKE ISLAND Hy	22.82	72	T	T	01 02 41.1	
H1S1	WAKE ISLAND Hy	22.84	72	T	T	01 02 39.0	
H1S2	WAKE ISLAND Hy	22.84	72	T	T	01 02 41.7	
SANI	Sanan	22.91	232	P	P	00 38 50.3	+0.1
KMSI	Cibinong	23.00	240	P	P	00 38 50.3	-0.8
JNU	Nakatsue	23.53	332	P	P	00 38 56.1	-0.2
SSLB	Suanglung	24.29	300	eP	P	00 39 02.1	-1.3
MJAR	Matsushiro Arr	24.30	349	P	P	00 39 02.2	-1.2
MJAR	Matsushiro	24.30	349	eP	P	00 39 03.3	-0.1
MAT	Matsushiro	24.30	349	P	S	00 39 02.4	-1.0
MAT	Matsushiro	24.30	349	S	S	00 39 02.9	-0.6
MJBS	Matsu-Tunnel	24.30	349	P	S	00 39 02.9	-0.6
MRSI	Marisa	24.79	242	P	P	00 39 06.9	-1.2
LUWI	Luwuk	24.89	238	P	P	00 39 06.5	-2.4
LUWI	Luwuk	24.89	238	eP	P	00 39 06.0	-2.9
APSI	Ampapa	25.76	240	P	P	00 39 16.2	-0.6
MYLDM	Lahad Datu	26.02	256	eP	P	00 39 17.1	-2.2
MPSI	Mapaga	26.64	244	P	P	00 39 23.2	-1.7
KRSR	Korea Array	28.47	333	P	P	00 39 40.2	-0.7
KRSR	Korea Array	28.47	333	LR	LR	00 50 37.7	
KSAR	Wonju Array	28.47	333	P	P	00 39 40.2	-0.8
WHN	Wuhan	32.48	308	S	S	00 40 16.4	-0.1
WHN	Wuhan	32.48	308	S	S	00 45 34.4	+4.5
CTA	Charters Tower	32.64	176	P	P	00 40 21.3	+3.3
USRK	Ussuriysk Ar.	33.02	344	P	P	00 40 21.6	+0.6
WRAB	Tennant Creek	33.69	196	eP	P	00 40 26.4	-0.8
WB2	Warramunga Arr	33.70	196	eP	P	00 40 26.3	-0.9
WRA	Warramunga Arr	33.70	196	P	P	00 40 26.4	-0.9
ENH	Enshi	36.20	304	eP	P	00 40 48.2	-0.6
BJT	Baijiatou	36.51	323	eP	P	00 40 51.0	-0.2
BJI	Beijing	36.52	323	P	Pmax	00 40 51.0	-0.3
BJI	Beijing	36.52	323	Pmax	Pmax	00 40 51.0	-0.3
AS31	Alice Springs	37.37	195	eP	P	00 40 58.5	-0.3
ASAR	Alice Springs	37.37	195	P	P	00 40 58.4	-0.4
ASAR	Alice Springs	37.37	195	PcP	PcP	00 43 18.5	+0.9
GYA	Gulyang	37.41	297	Op	ISC	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297	P	P	00 41 02.3	+3.0
GYA	Gulyang	37.41	297	P	P	00 41 04.1	+2.5
GYA	Gulyang	37.41	297	P	P	00 42 26.0	+0.4
GYA	Gulyang	37.41	297	P	P	00 46 45.4	+0.8
GYA	Gulyang	37.41	297	P	P	00 46 55.4	+0.1
GYA	Gulyang	37.41	297</				

24d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MHGZ, RITZ, KATZ, BKZ, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PAE, PPT2, PPT, etc.

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

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OGNE	Ogallala	98.42	49	Pdiff	P	01 04 42.4 +0.8
RSSD	Black Hills	98.48	45	Pdiff	P	01 04 42.6 +0.7
RSSD	Black Hills	98.48	45	ePP	P	01 04 42.7 +0.7
RSSD	Black Hills	98.48	45	ePP	P	01 06 49.7 +1.1
RSSD	Black Hills	98.48	45	ePP	P	01 08 51.1
RSSD	Black Hills	98.48	45	ePP	P	01 04 42.7 +0.7
RSSD	Black Hills	98.48	45	ePP	P	01 06 49.7 +1.1
RSSD	Black Hills	98.48	45	ePP	P	01 08 51.0 -1.4
RSSD	Black Hills	98.48	45	ePP	P	01 21 12.0 -1.0
U32A	Winter Ranch,	98.64	54	Pdiff	P	01 04 43.0 +0.4
Y35A	Marietta	99.11	57	Pdiff	Pdiff	01 04 45.4 +0.8
CBKS	Cedar Bluff	99.12	52	Pdiff	Pdiff	01 04 45.6 +0.9
INK	Inuvik	99.34	16	ePP	Pdiff	01 04 45.7 +0.9
INK	Inuvik	99.34	16	ePP	Pdiff	01 06 55.8 +4.0
INK	Inuvik	99.34	16	ePP	Pdiff	01 04 45.7 +0.9
INK	Inuvik	99.34	16	ePP	Pdiff	01 06 55.6 +4.0
X35A	Drake	99.35	57	Pdiff	Pdiff	01 04 46.1 +0.3
X35A	Drake	99.35	57	ePP	Pdiff	01 04 46.4 +0.6
X35A	Drake	99.35	57	ePP	Pdiff	01 06 51.1 -1.4
PB01	IPOC Station P	99.62	118	ePP	Pdiff	01 04 45.3 -2.1
PB01	IPOC Station P	99.62	118	ePP	Pdiff	01 06 56.4 +2.2
Y36A	Durant	99.68	57	Pdiff	Pdiff	01 04 47.7 +0.5
W35A	Tecumseh	99.73	56	Pdiff	Pdiff	01 04 48.3 +0.9
W35A	Tecumseh	99.73	56	ePP	Pdiff	01 04 47.1 -0.2
W35A	Tecumseh	99.73	56	ePP	Pdiff	01 06 55.2 +1.0
W35A	Tecumseh	99.73	56	ePP	Pdiff	01 04 46.9 -1.8
LSA	Lhasa	99.86	298	ePP	Pdiff	01 04 48.8 +0.1
LSA	Lhasa	99.86	298	ePP	Pdiff	01 06 54.8 -0.8
LSA	Lhasa	99.86	298	ePP	Pdiff	01 04 48.8 +0.1
LSA	Lhasa	99.86	298	ePP	Pdiff	01 06 54.0 -0.8
X36A	Centrahoma	99.89	57	Pdiff	Pdiff	01 04 48.6 +0.5
YK21	Meyer Ranch, C	100.00	55	Pdiff	Pdiff	01 04 49.5 +1.0
OK021	N3530 Road, Sp	100.02	55	ePP	Pdiff	01 04 49.4 +0.7
ZAK	Zakamensk	100.04	321	ePP	Pdiff	01 07 00.8 +5.2
ZAK	Zakamensk	100.04	321	ePP	Pdiff	01 04 47.9 -0.6
NATX	Nacogdoches	100.10	60	Pdiff	Pdiff	01 04 50.2 +1.1
138A	Matatall Enter	100.11	59	Pdiff	Pdiff	01 04 50.3 +1.1
PB11	IPOC Station P	100.14	117	ePP	Pdiff	01 04 51.2 +1.4
PALK	Pallekele	100.16	273	ePP	Pdiff	01 04 50.9 +1.1
PALK	Pallekele	100.16	273	ePP	Pdiff	01 04 50.9 +1.1
PALK	Pallekele	100.16	273	ePP	Pdiff	01 06 56.2 +0.1
Y37A	Hugo	100.22	57	Pdiff	Pdiff	01 04 50.6 +1.1
T34A	McClaskey Farm	100.24	54	Pdiff	Pdiff	01 04 50.5 +0.9
DGMT	Dagmar	100.29	41	Pdiff	Pdiff	01 04 50.9 +1.3
U35A	Pawnee	100.32	55	Pdiff	Pdiff	01 04 50.7 +0.7
TLY	Talaya	100.42	322	ePP	Pdiff	01 04 50.0 -0.1
TLY	Talaya	100.42	322	ePP	Pdiff	01 14 34.0
TLY	Talaya	100.42	322	ePP	Pdiff	01 04 48.9 -1.1
TLY	Talaya	100.42	322	ePP	Pdiff	01 06 54.2 -2.6
MMNC	Minye Minye	100.52	117	ePP	Pdiff	01 04 50.8 -0.8
MMNC	Minye Minye	100.52	117	ePP	Pdiff	01 07 01.4 +2.9
SS4A	Willow Spring	100.56	53	Pdiff	Pdiff	01 04 51.3 +0.3
X37A	Clayton	100.64	57	Pdiff	Pdiff	01 04 52.1 +0.7
139A	Bunkhouse Ranc	100.66	59	Pdiff	Pdiff	01 04 52.8 +1.2
V36A	Jenks	100.68	56	Pdiff	Pdiff	01 04 52.7 +1.1
T35A	Sooner Cattle	100.69	54	Pdiff	Pdiff	01 04 52.5 +0.9
R34A	Isabella, Hill	100.70	53	Pdiff	Pdiff	01 04 52.7 +1.0
W37B	Quinton	100.81	56	Pdiff	Pdiff	01 04 52.7 +0.5
TUL1	Leonard	100.84	55	Pdiff	Pdiff	01 04 53.3 +1.0
441A	DeRidder	100.87	61	Pdiff	Pdiff	01 04 53.1 +0.6
Y38A	Idabel	100.88	58	Pdiff	Pdiff	01 04 52.6 +0.1
240A	Hunter Patters	100.91	60	Pdiff	Pdiff	01 04 53.8 +1.1
X39A	Irene McRaven,	101.04	59	Pdiff	Pdiff	01 04 54.0 +0.8
U36A	Oologah	101.07	55	Pdiff	Pdiff	01 04 54.3 +1.0
X38A	Whitesboro	101.09	57	Pdiff	Pdiff	01 04 53.8 +0.3
341A	Kurthwood	101.11	61	Pdiff	Pdiff	01 04 54.3 +0.7
S35A	Otter Creek Ra	101.13	54	Pdiff	Pdiff	01 04 54.1 +0.5
542A	Morse	101.14	62	Pdiff	Pdiff	01 04 53.2 -0.5
033A	Hebron	101.15	51	Pdiff	Pdiff	01 04 53.9 +0.2
Q34A	Chapman	101.16	52	Pdiff	Pdiff	01 04 54.2 +0.5
T36A	Boggs Farm, Ca	101.22	54	Pdiff	Pdiff	01 04 54.7 +0.7
BGNE	Belgrade	101.28	50	Pdiff	Pdiff	01 04 55.1 +1.0
140A	Cam and Jess,	101.28	59	Pdiff	Pdiff	01 04 55.6 +1.2
V37A	Hulbert	101.31	56	Pdiff	Pdiff	01 04 55.6 +1.2
K31A	O'Neill	101.34	48	Pdiff	Pdiff	01 04 55.9 +1.5
Y32A	Lockesburg	101.37	58	Pdiff	Pdiff	01 04 55.3 +0.6
449A	Mamou	101.46	61	PKIKP	PKIKP	01 09 13.1 -2.4
R35A	Emporia Munci	101.47	53	PKIKP	PKIKP	01 09 12.4 -3.0
KSU1	Kansas State U	101.47	52	PKIKP	PKIKP	01 09 12.1 -3.2
W38A	Poteau	101.48	57	PKIKP	PKIKP	01 09 11.4 -4.0
P34A	Walnut Farm, R	101.48	52	PKIKP	PKIKP	01 09 11.9 -3.5
N33A	J Bar K, Exete	101.50	50	PKIKP	PKIKP	01 09 12.6 -2.8
U37A	Salina	101.53	55	PKIKP	PKIKP	01 09 11.7 -3.8
CHLP	Challavanipeta	101.56	285	ePP	Pdiff	01 04 55.4 -0.5
CHLP	Challavanipeta	101.56	285	ePP	Pdiff	01 07 00.3 -2.3
CHLP	Challavanipeta	101.56	285	ePP	Pdiff	01 07 58.0 -2.1
CHLP	Challavanipeta	101.56	285	ePP	Pdiff	01 09 09.3 -6.3
241A	Mo Tay, Galdon	101.57	60	PKIKP	PKIKP	01 09 12.4 -3.3
X39A	Fountain Ranch	101.57	57	PKIKP	PKIKP	01 09 12.5 -3.2
L32A	Elgin	101.61	49	PKIKP	PKIKP	01 09 14.0 -1.5
J31A	Geddes	101.62	48	PKIKP	PKIKP	01 09 13.4 -2.1
Z40A	Long Farm, Mag	101.65	59	PKIKP	PKIKP	01 09 14.0 -1.8
S36A	Lake Cedric, C	101.68	54	PKIKP	PKIKP	01 09 13.9 -1.8
543A	St. Martinville	101.69	62	PKIKP	PKIKP	01 09 15.9 0.0
TAPN	Taplejung	101.76	295	ePP	PKKpbc	01 04 58.2 +1.2
TAPN	Taplejung	101.76	295	ePP	PKKpbc	01 21 00.4 +0.2
Q35A	Mercer Eighty,	101.79	53	PKIKP	PKIKP	01 09 15.0 -0.9
342A	Flagon Creek P	101.79	61	PKIKP	PKIKP	01 09 15.8 -0.3
141A	Papa Simpson,	101.80	60	PKIKP	PKIKP	01 09 13.7 -2.4

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YKA	Yellowknife Ar	101.81	26	P	Pdiff	01 04 56.7 +0.7
YKA	Yellowknife Ar	101.81	26	P	Pdiff	01 09 14.9 -0.2
YKA	Yellowknife Ar	101.81	26	P	Pdiff	01 20 58.3 -2.5
O34A	Beatrice	101.82	51	PKIKP	PKIKP	01 09 14.3 -1.7
V38A	Canehill	101.86	56	PKIKP	PKIKP	01 09 13.7 -2.4
K32A	Verdige	101.89	48	PKIKP	PKIKP	01 09 14.9 -1.1
VIS	Vishkapatnam	101.90	284	ePP	Pdiff	01 04 58.3 +0.9
SUSD	Miller	101.92	47	PKIKP	PKIKP	01 09 14.8 -1.2
T37A	Chokeryville 18	101.95	55	PKIKP	PKIKP	01 09 14.8 -1.5
BOK	Bokero	101.97	291	ePP	Pdiff	01 04 57.1 -0.5
R36A	Gordon, Harris	101.97	53	PKIKP	PKIKP	01 09 15.2 -1.1
MIAR	Mount Ida	102.00	57	PKIKP	PKIKP	01 09 15.5 -0.9
443A	Delano Plantat	102.00	62	PKIKP	PKIKP	01 09 16.4 -0.1
M33A	Taylor Creek F	102.00	50	PKIKP	PKIKP	01 09 16.0 -0.2
Y40A	Okolona	102.03	58	PKIKP	PKIKP	01 09 16.0 -0.5
I31A	Royce, Wessing	102.04	47	PKIKP	PKIKP	01 09 15.6 -0.6
P35A	Duane Minner,	102.06	52	PKIKP	PKIKP	01 09 16.5 +0.1
W39A	Magazine	102.08	57	PKIKP	PKIKP	01 09 14.7 -1.8
U38A	Gravette	102.09	55	PKIKP	PKIKP	01 09 15.1 -1.5
Z41A	Richland Creek	102.12	59	PKIKP	PKIKP	01 09 16.3 -0.3
L32A	Hoakins	102.18	49	PKIKP	PKIKP	01 09 17.7 +1.2
Z43A	Grosvenor	102.19	60	PKIKP	PKIKP	01 09 15.7 -1.1
TIXI	Tiksi	102.19	346	ePP	Pdiff	01 04 57.0 -0.4
TIXI	Tiksi	102.19	346	ePP	Pdiff	01 04 56.4 -1.1
N34A	Lincoln	102.21	51	PKIKP	PKIKP	01 09 15.1 -1.5
Q36A	Arnold C. Orve	102.24	53	PKIKP	PKIKP	01 09 16.4 -0.3
J32A	Parkston	102.25	48	PKIKP	PKIKP	01 09 16.2 -0.4
544A	White Castle	102.25	62	PKIKP	PKIKP	01 09 19.9 +3.0
H31A	Wolsey	102.25	47	PKIKP	PKIKP	01 09 16.9 +0.3
S37A	Fort Scott	102.26	54	PKIKP	PKIKP	01 09 17.4 +0.6
TUMC	Tumaco	102.26	94	ePP	PP	01 09 18.7 -2.0
343A	Madison	102.32	61	PKIKP	PKIKP	01 09 18.4 +1.4
T38A	Diamond	102.38	55	PKIKP	PKIKP	01 09 17.6 +0.6
M34A	Aspy Farms, Fr	102.40	50	PKIKP	PKIKP	01 09 18.4 +1.4
O35A	Humboldt	102.41	51	PKIKP	PKIKP	01 09 18.7 +1.7
V39A	Pettigrew	102.42	56	PKIKP	PKIKP	01 09 18.4 +1.1
R37A	Stearns Farm	102.46	54	PKIKP	PKIKP	01 09 17.7 +0.5
Y41A	Eagletee Beard	102.50	58	PKIKP	PKIKP	01 09 17.4 +0.1
142A	Blotone	102.53	60	PKIKP	PKIKP	01 09 18.4 +1.1
K33A	Hardington	102.53	49	PKIKP	PKIKP	01 09 17.4 +0.3
X40A	Basin Creek Fa	102.55	58	PKIKP	PKIKP	01 09 18.0 +0.6
W40A	Ferguson Farm,	102.62	57	PKIKP	PKIKP	01 09 19.2 +1.7
243A	Waterproof	102.65	61	PKIKP	PKIKP	01 09 19.3 +1.6
P36A	Good Intent, A	102.67	62	PKIKP	PKIKP	01 09 18.9 +1.4
G31A	Conde	102.72	46	PKIKP	PKIKP	01 09 17.7 +0.3
L34A	Grosvenor Farm,	102.72	50	PKIKP	PKIKP	01 09 20.1 +2.6
U39A	Green Forest	102.75	56	PKIKP	PKIKP	01 09 18.9 +1.2
I32A	Kay and Nic	102.75	47	PKIKP	PKIKP	01 09 19.4 +1.8
Z42A	Norrel Spur, H	102.79	59	PKIKP	PKIKP	01 09 19.0 +1.2
X41A	Kaden, Bauxite	102.80	58	PKIKP	PKIKP	01 09 18.8 +0.9
444A	Pine Grove	102.81	62	PKIKP	PKIKP	01 09 21.2 +3.2
N35A	Tabor	102.82	51	PKIKP	PKIKP	01 09 19.0 +1.3
J33A	Davis	102.82	48	PKIKP	PKIKP	01 09 18.4 +0.8
MDND	Maddock					

Main data table containing station call letters, frequencies, and signal quality metrics. Includes columns for station name, frequency, and various signal strength and quality indicators.

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Table with columns for country/city, frequency, and various status codes (e.g., NCK, GOF, VORR, VSR, KBZ, KIV, MBAR, etc.).

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Table with columns for country/city, frequency, and various status codes (e.g., KIEV, KUZU, CUSAR, KAMA, etc.).

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Table with columns for country/city, frequency, and various status codes (e.g., BURAR, DOGA, ODBI, HARR, etc.).

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KSL, KML, KRLC, KRALIKY, etc., and their corresponding technical details.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRS, KSRK, KSRB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUMG, FFC, NVO1, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VTS, PDG, RAYN, etc.

24d 3h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HWUT, PD31, PDAR, TOAD, TORO, etc.

MEX 24 01:48:50.0 ± 0.1, 16.67N, 98.40W, h20km, 31km, MD3.8. Table with columns: Code, Station Name, Frequency, Power, and other technical details.

IDC 24 02:10:54.0 ± 0.2, 6.99S, 129.70E, h78km, 31km, mb3.6/2, mb1 3.8/6, mb1mx3.4/38, mbtmp3.9/6, Error ellipse: s-maj=15.2km s-min=19.3km az=81.0, Banda Sea. Table with columns: Code, Station Name, Frequency, Power, and other technical details.

MOS 24 02:21:56.9 ± 0.2, 6.81S, 72.17E, h10km, mb4.9/23, Error ellipse: s-maj=11.0km s-min=7.1km az=97.6. Table with columns: Code, Station Name, Frequency, Power, and other technical details.

IDC 24 02:21:59.0 ± 0.6, 6.85S, 72.34E, h0km, mb4.2/22, mb1 4.3/23, mb1mx4.1/62, mbtmp4.2/23, ML4.4/1, MS3.4/1, MS1 3.4/1, ms1mx3.0/51, Error ellipse: s-maj=14.7km s-min=13.7km az=64.0. Table with columns: Code, Station Name, Frequency, Power, and other technical details.

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Main table listing various stations and their technical details. Columns include Station Name, Frequency, Power, and other technical specifications.

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Table listing stations and their technical details. Columns include Station Name, Frequency, Power, and other technical specifications.

MEX 24 02:25:22.0 ± 0.6, 14.73N, 93.31W, h44km, 21km, MD3.8.

Table listing stations and their technical details. Columns include Code, Station Name, Frequency, Power, and other technical specifications.

IDC 24 02:29:05.7 ± 0.2, 7.44S, 129.92E, h124km, 37km, mb2.9/1, mb1 3.2/5, mb1mx2.9/46, mbtmp3.5/5, Error ellipse: s-maj=62.2km s-min=19.5km az=88.0, Banda Sea.

Table listing stations and their technical details. Columns include Code, Station Name, Frequency, Power, and other technical specifications.

IDC 24 02:50:52.8 ± 0.7, 3.5N, 126.5E, h53km, mb3.9/12, Error ellipse: s-maj=26.1km s-min=10.0km az=153.6.

Table listing stations and their technical details. Columns include Code, Station Name, Frequency, Power, and other technical specifications.

Table with columns: JOM, OHASAMA, 1.10 305, P, Pn, 03 08 47.0 +0.2, Sg, 03 09 01.3 -0.1, S, 03 09 03.7 +0.5, etc.

NCC 24 03:18:56.7-8.8, 37.04N:70.01E, h6km, 259km, mb3.5, mpv3.1, 6C-3D, Error ellipse: s-maj=278.7km s-min=42.6km az=20.0, Afghanistan-Tajikistan border region

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

IDC 24 03:43:41.7-1.2, 15.04S:75.47W, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/2.1, mbtmp3.6/5, ML2.9/1, MS3.1/2, Ms1 3.1/2, ms1mx2.8/2.5, Error ellipse: s-maj=56.9km s-min=18.8km az=63.0, Near coast of Peru

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

IDC 24 03:51:59.9-3.1, 44.53N:148.22E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.2/4.0, mbtmp3.3/5, ML2.9/1, Error ellipse: s-maj=102.5km s-min=25.9km az=167.0

ISCJB 24 03:52:04.9-0.8, 44.28N:07.148E, h0km, h65km, mb3.2/4, Error ellipse: s-maj=12.3km s-min=5.0km az=142.3

SKHL 24 03:52:04.9-0.7, 44.21N:148.17E, h53km, 2km, mb4.4/3, MOS 24 03:52:04.3-0.9, 44.33N:148.07E, h57km, mb4.0/1, Error ellipse: s-maj=26.1km s-min=13.9km az=156.2

JMA 24 03:52:05.1-0.2, 43.94N:147.81E, h0km, M3.7, ISC 24 03:52:05.9-1.1, 44.27N:0.08, 148.10E, h0km, h65km, n32, s=160/42, mb3.2/4, 2D, Kuril Islands

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

SHO Shikotan 1.00 247d i P Nn 03 52 21.9 -2.2

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

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

Table with columns: JTKR, Abashiri-Toko, 0.03 266, P, Pn, 03 52 53.2 +1.7, etc.

ISCJB 24 03:58:07.8-1.4, 36.38N:104.25, 39E:0.08, h7km, 8km, Error ellipse: s-maj=10.4km s-min=7.2km az=173.8

CSEM 24 03:58:08.3-0.1, 36.39N:25.38E, h2km, ML2.1, Error ellipse: s-maj=16.5km s-min=12.3km az=77.0

ATH 24 03:58:08.6, 36.40N:25.40E, h3km, 1km, ML2.0/4, Error ellipse: s-maj=1.8km s-min=0.8km az=164.0

ISC 24 03:58:08.1-1.6, 36.40N:0.03, 25.40E:0.03, h7km, 7km, n47, 04E/267, Dodecanese Islands

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

SAP2K Karterados 0.04 68 P Pp 03 58 09.2 +0.2

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

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SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

SANT Santorini 0.05 119 P Pp 03 58 09.8 +0.1

Table with columns: HUIG, Huatulco, 1.49 106, eP, Pn, 04 16 31.8 -3.2, etc.

IDC 24 04:30:46.1-2.5, 28.23N:52.86E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.3/4.0, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=60.7km s-min=30.7km az=157.0

ISCJB 24 04:30:47.7-1.6, 28.4N:0.1, 52.9E:0.2, h16km, mb3.5/4, Error ellipse: s-maj=27.3km s-min=15.5km az=36.1

TEH 24 04:30:49.2, 28.51N:53.13E, h10km, ML3.0, ISC 24 04:30:49.1-1.4, 28.5N:0.1, 53.0E:0.1, h16km, n10, s=166/10, mb3.5/4, Southern Iran

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

IDC 24 04:32:20.4-2.0, 1.53N:127.09E, h0km, mb3.5/3, mb1 3.4/4, mb1mx3.5/3, mbtmp3.7/4, Error ellipse: s-maj=116.5km s-min=23.8km az=69.0

DJA 24 04:32:30.7-1.8, 2.2N:13.12E, h1km, 91km, M3.5/3, MLV3.5/3, ISC 24 04:32:34.1-2.0, 1.4N:0.2, 127.4E:0.6, h128km, n5, s=089/6, mb3.5/3, Halmahera

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

ISCJB 24 04:33:26.7-1.3, 23.5S:0.1, 179.9W:0.2, h532km, mb3.5/5, Error ellipse: s-maj=24.1km s-min=15.5km az=172.1

IDC 24 04:33:29.0-1.7, 23.5S:179.85W, h559km, 86km, mb2.8/5, mb1 3.1/6, mb1mx2.9/3.2, mbtmp3.9/6, Error ellipse: s-maj=60.3km s-min=30.9km az=13.0

ISC 24 04:33:27.5-1.1, 23.7S:0.1, 179.9W:0.2, h532km, n8, s=092/9, mb3.3/5, South of Fiji Islands

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

ISN 24 04:51:50.7-1.2, 38.83N:44.32E, h9km, 96km, ML3.5, NSSP 24 04:51:54.2, 38.62N:44.20E, h6km, M3.6

DDA 24 04:51:55.9, 38.66N:44.16E, h7km, M3.6, CSEM 24 04:51:56.1-0.1, 38.64N:44.15E, h2km, ML3.6, Error ellipse: s-maj=3.8km s-min=2.8km az=140.0

ISK 24 04:51:56.0, 38.69N:44.10E, h5km, ML3.7, IDC 24 04:51:57.7-1.6, 38.73N:44.05E, h0km, mb3.4/4, mb1 3.5/6, mb1mx3.2/4.1, mbtmp3.4/6, ML2.9/2, MS2.4/2, Ms1 2.3/2, ms1mx2.0/4.8, Error ellipse: s-maj=24.8km s-min=13.1km az=146.0

ISC 24 04:51:56.6-1.3, 38.67N:0.02, 44.10E:0.02, h4km, 96km, n95, s=123/132, mb3.1/3, 15C-19D, Turkey-Iran border region

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

MEX 24 04:00:09.7-0.4, 16.17N:97.61W, h15km, MD3.8, Oaxaca

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

MEX 24 04:16:08.9-0.4, 16.18N:97.59W, h16km, 7km, MD3.7, Oaxaca

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

24x 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKT Cukurca, ORD Ordubad, GNI Gani, etc.

24x 5h:14.9.0.6,36.43S:73.31W,h18km,gkm,ML3.6, 2C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH Cobquecura, G005 Hualae0, TMU Temuco, etc.

2012 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IZV Izvestkoviy, MTBS Matube, CHHK Chushkaly, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLIG Tlapa, VCA Vinchina, AGUA GUANDACOL, etc.

Code	Station Name	AZ	Phase	ID	Time	Res
FITZ	Fitzroy Crossi	20.77 188	P	P	05 22 47.6	-1.8
WR1	Warramunga Arr	23.14 166	eP	P	05 23 12.8	-0.6
WRA	Warramunga Arr	23.14 166	P	P	05 23 12.8	-0.6
AS31	Alone Springs	26.65 169	eP	P	05 23 43.8	-1.3
AS31	Alice Springs	26.65 169	P	pP	05 24 19.1	+2.6
ASAR	Alone Springs	26.65 169	eP	pP	05 23 44.5	-0.6
ASAR	Alice Springs	26.65 169	P	pP	05 24 19.1	+2.6
CMAR	Chiang Mai Arr	32.93 301	P	pP	05 24 42.1	+1.5
KS15	Wonju Array Si	34.67 359	eP	P	05 25 56.0	+0.7
KSAR	Wonju Array Be	34.67 359	P	P	05 25 56.0	+0.7
KSRS	Wonju Array	34.68 359	P	P	05 25 56.0	+0.6
MJAR	Mudanyo Arr	34.94 14	P	P	05 24 56.8	-1.0
XAN	Xi'an	36.20 332	P	pmax	05 25 08.5	-0.1
STKA	Stevens Creek	36.49 161	P	P	05 25 10.5	-0.5
STKA	Stevens Creek	36.49 161	eP	P	05 25 09.5	-1.5
LSA	Lhasa	44.48 311	eP	P	05 26 18.4	+1.1
GTA	Goatli	44.95 328	eP	pmax	05 26 21.1	+0.7
TAPN	Tablejung	46.07 306	eP	P	05 26 29.8	+0.2
ODAN	Odare	46.13 305	eP	P	05 26 30.2	+0.2
KLR	Kul'dur	46.53 3	P	P	05 26 32.6	+0.2
RAMN	Ramite	46.81 305	eP	P	05 26 35.7	+0.4
JIRN	Jiri	47.43 306	eP	P	05 26 40.5	+0.2
GUN	Gumba	47.78 306	eP	P	05 26 43.0	0.0
PKI	Phulchoki	48.03 305	eP	P	05 26 44.4	-0.4
PKI	Phulchoki	48.04 305	eP	P	05 26 45.0	+0.1
KKN	Kakan	48.22 306	eP	P	05 26 45.9	-0.3
DMN	Daman	48.29 305	eP	P	05 26 46.5	-0.3
ULN	Ulaanbaatar	48.73 341	eP	P	05 26 49.8	+0.2
SONA0	Songino Array	48.92 340	eP	P	05 26 51.2	+0.2
SONM	Songino Array	48.92 340	P	P	05 26 51.2	+0.2
KOLN	Koldanda	49.58 305	eP	P	05 26 56.8	+0.2
PYUN	Piuthan	50.21 303	eP	P	05 27 01.3	0.0
MA2	Magadan	59.38 13	P	P	05 28 07.2	+0.8
MK31	Makanchi Array	59.46 325	eP	P	05 28 07.1	-0.2
MK32	Makanchi Array	59.46 325	eP	P	05 28 07.2	-0.1
MK32	Makanchi Array	59.46 325	eP	pP	05 28 50.9	-2.4
MK32	Makanchi Array	59.46 325	P	P	05 28 07.2	0.0
MKAR	Makanchi Array	59.46 325	eP	pP	05 28 50.9	-2.5
MKAR	Makanchi Array	59.46 325	eP	P	05 28 07.1	-0.2
MKAR	Makanchi	59.65 325	eP	pP	05 28 50.9	-2.5
MAKZ	Makanchi	59.65 325	eP	P	05 28 08.2	-0.4
KSH	Kashi	60.06 315	P	pP	05 28 18.3	+6.7
KSH	Kashi	62.37 323	P	pP	05 28 41.4	-5.6
KSH	Kashi	62.37 323	P	pP	05 30 32.1	+6.2
KSH	Kashi	63.61 327	P	sS	05 36 17.4	+4.5
KSH	Kashi	66.65 33	P	sS	05 36 59.3	+7.5
KSH	Kashi	68.94 0	P	SS	05 40 15.4	+3.0
KSH	Kashi	68.94 0	eP	pmax	05 40 15.4	+3.0
KSH	Kashi	68.94 0	eP	pmax	05 40 15.4	+3.0
KSH	Kashi	68.94 0	eP	pmax	05 40 15.4	+3.0
AAK	Ala-Archa	62.35 318	P	P	05 28 26.6	-0.5
ZALV	Zalesovo Beam	62.37 323	P	P	05 28 26.0	-0.7
ZAA1	Zalesovo Array	62.37 323	eP	P	05 28 26.0	-0.7
KURBB	Kurchatov Arra	63.61 337	P	P	05 28 34.5	-0.5
KURK	Kurchatov	63.61 337	P	P	05 28 34.5	-0.5
KIWB	Kanaga Island	66.65 33	eP	P	05 28 32.3	-2.2
TIXI	Tiksi	68.94 0	eP	P	05 29 08.5	0.0
TIXI	Tiksi	68.94 0	eP	P	05 29 08.2	-0.3
TIXI	Tiksi	68.94 0	eP	P	05 29 08.5	0.0
BVAR	Borovoye Array	69.20 327	eP	P	05 29 10.1	-0.4
BRVK	Borovoye	69.27 327	eP	P	05 29 10.4	-0.5
ABKAR	Akbulak array	74.11 321	eP	P	05 29 39.1	-0.8
ARAO	ARCESS Array S	92.09 340	eP	P	05 31 11.2	-0.7
ARCE	ARCESS Array B	92.09 340	eP	P	05 31 11.2	-0.7
TORD	Torodi Ar. Bea	124.91 288	PKPdf	P	05 37 02.7	-0.8
TOA1	Torodi Ar. Sit	124.92 288	ePKPdf	PKPdf	05 37 02.7	-0.8

Code	Station Name	AZ	Phase	ID	Time	Res
ORLT	Orhaneli	0.84 64	ePg	Pb	05 21 43.6	-0.5
ORLT	Orhaneli	0.84 64	ePg	Sb	05 21 55.6	-0.0
ORLT	Orhaneli	0.84 64	ePg	Pb	05 21 43.6	-0.5
ORLT	Orhaneli	0.84 64	ePg	Sb	05 21 55.6	-0.0
KRBLG	Karabiga-Canak	0.85 327	ePg	Pb	05 21 44.1	-0.1
KRBLG	Karabiga-Canak	0.85 327	ePg	Pb	05 21 44.1	-0.1
DEMI	Demirli	0.89 135	iP	Pg	05 21 43.8	-0.5
MDNY	Mudanya-Bursa	1.01 47	ePg	Pg	05 21 46.4	-0.2
MDNY	Mudanya-Bursa	1.01 47	ePg	Pg	05 22 01.8	-0.5
MDNY	Mudanya-Bursa	1.01 47	ePg	Pg	05 21 46.4	-0.2
MDNY	Mudanya-Bursa	1.01 47	ePg	Pg	05 22 01.8	-0.5
SIMA	Simav-Kutahya	1.02 125	ePg	Pg	05 21 46.9	-0.3
BAYC	CANAKKALE_Bayr	1.05 274	iP	Pg	05 21 46.7	-0.6
BAYC	CANAKKALE_Bayr	1.05 274	iP	Pg	05 22 02.7	-0.6
BAYC	CANAKKALE_Bayr	1.05 274	iP	Pg	05 21 46.7	-0.6
BAYC	CANAKKALE_Bayr	1.05 274	iP	Pg	05 22 02.7	-0.6
LPK	Lapseki	1.12 308	ePn	Pn	05 21 46.7	-0.6
LPK	Lapseki	1.12 308	ePn	Pn	05 22 02.7	-0.6
ARMT	Armutlu	1.15 39	ePn	Pn	05 21 49.0	-0.2
ARMT	Armutlu	1.15 39	ePn	Pn	05 21 49.0	-0.2
ARMT	Armutlu	1.15 39	ePn	Pn	05 22 05.8	+0.3
ARMT	Armutlu	1.15 39	ePn	Pn	05 21 49.3	+0.1
IGD	Bursa	1.15 59	iP	Pb	05 21 49.2	-0.1
IGD	Bursa	1.15 59	iP	Pb	05 22 05.8	+0.2
RKY	Sarkoy-Tekirda	1.15 331	ePn	Pn	05 21 49.3	-0.1
RKY	Sarkoy-Tekirda	1.15 331	ePn	Pn	05 22 06.0	+0.3
RKY	Sarkoy-Tekirda	1.15 331	ePn	Pn	05 21 49.3	-0.1
RKY	Sarkoy-Tekirda	1.15 331	ePn	Pn	05 22 06.0	+0.3
SART	Tekirdag	1.15 331	iP	Pg	05 21 48.9	-0.3
SART	Tekirdag	1.15 331	iP	Pg	05 22 06.6	+0.8
SART	Tekirdag	1.15 331	iP	Pg	05 21 48.9	-0.3
SART	Tekirdag	1.15 331	iP	Pg	05 22 06.6	+0.8
TVSB	Tavsanli	1.22 100	ePn	Pn	05 22 07.9	+0.4
TVSB	Tavsanli	1.22 100	ePn	Pn	05 21 50.8	+0.1
TVSB	Tavsanli	1.22 100	ePn	Pn	05 22 07.9	+0.4
TVSB	Tavsanli	1.22 100	ePn	Pn	05 21 50.8	+0.1
EZN	Ezine	1.23 277	ePn	Pn	05 21 51.1	+0.4
EZN	Ezine	1.23 277	ePn	Pn	05 22 07.9	+0.3
EZN	Ezine	1.23 277	ePn	Pn	05 21 51.1	+0.4
EZN	Ezine	1.23 277	ePn	Pn	05 22 07.9	+0.3
MANZ	Manisa	1.29 157	iP	Pb	05 21 52.6	+0.8
MANZ	Manisa	1.29 157	iP	Pb	05 21 52.7	+0.8
MANZ	Manisa	1.29 157	iP	Pb	05 21 51.8	-0.3
MANZ	Manisa	1.29 157	iP	Pb	05 21 51.8	-0.3
KULA	Kula-Manisa	1.30 153	ePn	Pn	05 21 51.8	-0.3
KULA	Kula-Manisa	1.30 153	ePn	Pn	05 21 51.8	-0.3
GELI	Tayfur-Gelibol	1.31 303	ePn	Pn	05 22 10.5	+0.8
GELI	Tayfur-Gelibol	1.31 303	ePn	Pn	05 21 51.8	-0.3
GELI	Tayfur-Gelibol	1.31 303	ePn	Pn	05 22 10.5	+0.8
GELI	Tayfur-Gelibol	1.31 303	ePn	Pn	05 21 51.8	-0.3
GDZ	Gezdir	1.35 115	iP	Pb	05 21 52.7	-0.1
GDZ	Gezdir	1.35 115	iP	Pb	05 22 10.2	-0.2
BOZC	Bozcaada	1.44 277	ePn	Pn	05 21 53.9	-0.4
BOZC	Bozcaada	1.44 277	ePn	Pn	05 21 53.9	-0.4
ERIK	Erikli-Kesan	1.46 313	ePn	Pn	05 21 54.4	-0.1
ERIK	Erikli-Kesan	1.46 313	ePn	Pn	05 22 14.2	+0.1
ERIK	Erikli-Kesan	1.46 313	ePn	Pn	05 21 54.4	-0.1
ERIK	Erikli-Kesan	1.46 313	ePn	Pn	05 22 14.2	+0.1
KESN	Edirne-Kesan	1.48 321	iP	Pn	05 21 54.4	-0.1
KESN	Edirne-Kesan	1.48 321	iP	Pn	05 22 14.2	+0.1
KESN	Edirne-Kesan	1.48 321	iP	Pn	05 21 54.4	-0.1
KESN	Edirne-Kesan	1.48 321	iP	Pn	05 22 14.2	+0.1
BUYK	Buyukada	1.49 38	ePn	Pn	05 21 55.4	-0.3
CAVI	Cavusko	1.57 70	ePn	Pn	05 21 56.9	-0.4
CAVI	Cavusko	1.57 70	ePn	Pn	05 21 56.9	-0.4
CAVI	Cavusko	1.57 70	ePn	Pn	05 21 56.9	-0.4
CAVI	Cavusko	1.57 70	ePn	Pn	05 21 56.9	-0.4
CTKS	Kestaneli-??a	1.62 16	ePn	Pn	05 21 56.2	+0.2
CTKS	Kestaneli-??a	1.62 16	ePn	Pn	05 21 56.2	+0.2
CTKS	Kestaneli-??a	1.62 16	ePn	Pn	05 21 56.2	+0.2
CTKS	Kestaneli-??a	1.62 16	ePn	Pn	05 21 56.2	+0.2
GADA	Givgeada	1.63 289	ePn	Pn	05 21 56.7	-0.8
GADA	Givgeada	1.63 289	ePn	Pn	05 21 56.7	-0.8
KAVV	Kandilli-Istan	1.64 32	ePn	Pn	05 21 56.9	-0.7
KAVV	Kandilli-Istan	1.64 32	ePn	Pn	05 21 56.9	-0.7
KAVV	Kandilli-Istan	1.64 32	ePn	Pn	05 21 56.9	-0.7
KAVV	Kandilli-Istan	1.64 32	ePn	Pn	05 21 56.9	-0.7
ISK	Istanbul-Kandi	1.64 32	ePn	Pn	05 21 57.5	-0.1
ISK	Istanbul-Kandi	1.64 32	ePn	Pn	05 21 57.5	-0.1
SIGR	Sigiri	1.66 254	ePn	Pn	05 21 58.1	+0.1
SIGR	Sigiri	1.66 254	ePn	Pn	05 21 58.1	+0.1
SIGR	Sigiri	1.66 254	ePn	Pn	05 21 58.1	+0.1
SIGR	Sigiri	1.66 254	ePn	Pn	05 21 58.1	+0.1
URLA	Izmir	1.67 218	iP	Pg	05 21 59.0	-0.1
URLA	Izmir	1.67 218	iP	Pg	05 22 21.1	+0.3
URLA	Izmir	1.67 218	iP	Pg	05 21 59.0	-0.1
URLA	Izmir	1.67 218	iP	Pg	05 22 21.1	+0.3
ALN	Alexandroupoli	1.87 311	ePn	Pn	05 22 21.1	+0.3
ALN	Alexandroupoli	1.87 311	ePn	Pn	05 21 59.2	-0.4
ALN	Alexandroupoli	1.87 311	ePn	Pn	05 22 05.7	+0.3
ALN	Alexandroupoli					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKIA, ZAGS, KRBC, CRLL, BOVS, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I45RU, USRK, ISUJ, etc.

2012 JAN
IDC 24 05:57:27.4, 5.2, 80N:150.08E, h259km, 52km, mb2.4/2,
mb1 2.7/2, mb1mx2.3/48, mbtmp3.0/2, Error ellipse:
s-maj=143.3km s-min=128.6km az=169.0, Off east coast
of Kamchatka Peninsula

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

2012 JAN
IDC 24 05:59:12.6, 3.2, 54.57N:87.25E, h0km, mb1 2.9/2,
mb1mx2.7/48, mbtmp2.9/2, ML2.7/2, Error ellipse:
s-maj=26.3km s-min=19.5km az=43.0, Southwestern
Siberia

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

2012 JAN
IDC 24 06:20:45.0, 36.41N:25.39E, h11km, ML0.7/2
ATH 24 06:20:45.0, 36.41N:25.39E, h11km, ML0.7/2, Error
ellipse: s-maj=5.1km s-min=2.7km az=95.0,
Chocomaese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like THR3, THR3, THR3, etc.

2012 JAN
IDC 24 06:31:12.2, 3.0, 51.18N:106.60E, h0km, mb1 3.5/1,
mb1mx2.9/44, mbtmp3.5/1, ML1.9/1, Error ellipse:
s-maj=37.3km s-min=14.0km az=54.0, Lake Baykal
region

CMAR Chiang Mai Arr 144.75 340 PKP PKPdf 06 57 51.5 -0.5
1.3nm, 0.3s, baz=354, slow=3.2, SNR=5.4
NIED 24 06:46:00.31, 20N:130.30E, h175km, Mw3.9 Best
double couple: M=7.6100x10^14 N1=2.31, 0.00000,
0.47, 0.00000, 1.15, 0.00000. NP2=0.16, 0.00000,
0.49, 0.00000,
ISCJB 24 06:46:19.6, 0.4, 31.17N:0.04, 130.3E:0.1, h181km, 3km,
mb3.7/16, Error ellipse: s-maj=15.1km s-min=7.2km
az=2.9

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

2012 JAN
IDC 24 06:46:21.6, 0.1, 31.20N:130.27E, h170km, 1km, M3.9
IDC 24 06:46:21.3, 1.2, 31.23N:130.21E, h180km, 12km,
M3.5/16, mb1 3.6/17, mb1mx3.4/58, mbtmp3.9/17, Error
ellipse: s-maj=26.5km s-min=11.4km az=70.0
ISC 24 06:46:20.6, 0.7, 31.18N:0.05, 130.23E:0.10, h175km, 5km,
n27, 0.63/36, mb3.7/16, 5C, Kyushu

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

2012 JAN
IDC 24 07:02:59.4, 0.4, 68.80N:0.05, 68.67E:0.09, h0km,
mb3.7/2, Error ellipse: s-maj=8.2km s-min=6.4km
az=166.6
IDC 24 07:03:02.5, 1.1, 48.94N:68.59E, h0km, mb3.6/2,
mb1 3.5/6, mb1mx3.2/42, mbtmp3.4/6, ML2.3/4, Error
ellipse: s-maj=13.9km s-min=9.3km az=20.0
NNC 24 07:03:03.9, 1.1, 48.59N:68.64E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=14.1km s-min=8.3km az=87.0,
Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVA0, BVA0, BVA0, etc.

2012 JAN
IDC 24 07:03:01.3, 0.3, 48.86N:0.05, 68.73E:0.08, h0km, n17,
t:164/22, 12C-9D, Central Kazakhstan

24 10h

Table with columns: IDAR, Eielson Array, 61.51 27 P, 0.9nm, 0.8s, baz=248, slow=4.8, SNR=2.9, BVAR, Borovoye Array, 65.54 320 P, 1.5nm, 0.4s, baz=94, slow=7.1, SNR=13, YKA, Yellowknife Ar, 75.85 28 P, 0.6nm, 0.7s, baz=289, slow=5.8, SNR=3.6, YKBS, Yellowknife Ar, 75.85 28 eP, NV01, Mina Array Sit, 81.25 52 eP, NVAR, Mina Array Bea, 81.25 52 eP, GMRC, Granite Mounta, 84.50 55 eP, CTCC, Cactus City, 84.65 55 eP, FIAO, FINES Array S, 85.48 33 eP, FINES, FINES Array B, 85.48 33 eP, TXAR, Lajitas Array, 96.01 56 P, 0.5nm, 1.1s, baz=267, slow=3.6, SNR=3.2

IDC 24 09:51:32.8-2.7, 53.83N, 86.50E, h0km, mb1 2.9/2, mb1mx2.7/49, mbtmt2.9/2, ML2.7/2, Error ellipse: s-maj=21.9km s-min=13.1km az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZALESOVO INFRA, Zalesovo Beam, ZALV, KURBB, MKAR.

MEX 24 10:06:45.0-0.6, 16.80N, 100.14W, h3km, 3km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ACAP2, CAIG, ACX, MEIG, ARIG, ZIIG, TLIG, PLIG, PNIG, YAIG.

IDC 24 10:17:25.2-2.5, 54.31N, 85.91E, h0km, mb1 2.9/2, mb1mx2.7/56, mbtmt2.9/2, ML2.9/2, Error ellipse: s-maj=18.8km s-min=12.2km az=47.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

CSEM 24 10:17:32.2, 39.09N, 27.51E, h7km, ML2.8, DDA 24 10:17:32.2, 39.09N, 27.51E, h7km, ML2.8, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AKHS, STEP, DEMI, BAYC, MANT, URLA.

ISCJB 24 10:21:38.8-0.8, 51.2N, 0.1:96.0E, 0.07, h4km, Error ellipse: s-maj=17.7km s-min=6.3km az=173.1, MOS 24 10:21:42.0-2.6, 51.67N, 96.03E, h4km, mb4.3/1, Error ellipse: s-maj=35.8km s-min=15.5km az=171.8, IDC 24 10:21:42.9-1.3, 51.30N, 96.03E, h0km, mb1 3.0/3, mb1mx2.8/54, mbtmt3.0/3, ML2.6/3, Error ellipse: s-maj=31.4km s-min=11.1km az=174.0, ISC 24 10:21:42.3-0.9, 51.4N, 96.07E, 0.06, h4km, n12, c1574/13, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ORL, MOY, ARS, ZAK, TLY, TRG, ZALV.

2012 JAN

Table with columns: ZALV, OGRR, SONM, MKAR, MKAR, MKAR, BVAR. Includes station names and parameters like comp=N, 0.2nm, 0.3s, baz=105, slow=14, SNR=3.0.

IDC 24 10:26:13.3-0.7, 23.45N, 121.67E, h0km, mb3.8/13, mb1 3.9/14, mb1mx3.8/41, mbtmt3.8/14, ML3.1/1, MS3.5/3, Ms1 3.5/3, ms1mx2.9/37, Error ellipse: s-maj=32.8km s-min=16.0km az=69.0, ISCJB 24 10:26:15.6-0.3, 23.54N, 0.0:122.00E, 0.01, h18km, 2km, mb3.8/13, MS3.1/1, Error ellipse: s-maj=2.7km s-min=1.8km az=136.8, JMA 24 10:26:16.4-0.1, 23.57N, 121.93E, h28km, M3.4, TAP 24 10:26:17.2, 23.57N, 121.90E, h23km, ML4.2, C, ISC 24 10:26:15.7-1.0, 23.53N, 0.02:121.98E, 0.02, h16km, 6km, n123, c08/86/182, mb3.7/13, 25C-9D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ENLB, HGSD, ESL, EHL, EHY, YULB, TWF1, CHKT, FULB, CHGB, NANB, ENA, ENAH, YUS, YUS, ELDTW, SSSL, EOS1, EOS1, TWT, TWT, TDCB, TDCB, NNSB, NNSB, NNSH, SMLT, SMLT, NNS, DPDB, TYC, TYC, TWG, ENT, ENT, STYT, STYT, WJS, WJS, CHN5, CHN5, WNT, WNT, ILA, ILA, TPUB, TPUB, YHNB, YHNB, YHNB, JYNG, JYNG, NSK, NSK.

1114

Table with columns: NSK, CHN4, WTP, WTP, YOJ, YOJ, YOJ, YOJ, ECL, WDLH, TCU, SGST, SGST, TWQ1, TWQ1, CHN1, CHN1, ENLB, ENLB, HGSD, ESL, EHL, EHY, YULB, TWF1, CHKT, FULB, CHGB, NANB, ENA, ENAH, YUS, YUS, ELDTW, SSSL, EOS1, EOS1, TWT, TWT, TDCB, TDCB, NNSB, NNSB, NNSH, SMLT, SMLT, NNS, DPDB, TYC, TYC, TWG, ENT, ENT, STYT, STYT, WJS, WJS, CHN5, CHN5, WNT, WNT, ILA, ILA, TPUB, TPUB, YHNB, YHNB, YHNB, JYNG, JYNG, NSK, NSK.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like BOYT, YAHY, COAL, SIM, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like YKBS, YKBS, Ksiaz, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like BOJS, BOJanci, LEGS, etc.

NIED 24 11:04:00, 37.90N, 144.50E, h11km, Mw4.0 Best double couple: Mo:1.09000, 1015° NP1.342, 00000°, 856.00000°, 1-152.00000°. NP2.326, 00000°, 867.00000°, 1-37.00000°.

ICC 24 11:04:25.0, 0.7, 37.68N, 144.80E, h0km, mb3.7/12, mb1 4.0/18, mb1mx3.8/47, mbtmp3.8/18, ML3.9/5, MS3.1/5, Ms1 3.2/5, ms1mx2.8/45, Error ellipse: s-maj=1.63km s-min=14.8km az=125.0

ISCJB 24 11:04:28.3, 0.4, 37.89N, 0.03, 144.61E, 0.03, h35km, mb3.8/14, MS3.3, Error ellipse: s-maj=4.5km s-min=3.7km az=157.2

NEIC 24 11:04:29.4, 1.0, 37.75N, 144.82E, h2km, 6km, mb4.7/3, Error ellipse: s-maj=10.2km s-min=6.3km az=141.0

JMA 24 11:04:29.6, 0.2, 37.90N, 144.52E, h46km, M4.5

ISC 24 11:04:30.0, 0.6, 37.89N, 0.05, 144.67E, 0.06, h35km, n63, c2529/83, mb3.7/14, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
OFUJ	Ofunato	2.64	298	Op	11 05 09.5	-0.6	Pn	11 05 09.5
OUJ	Ouri	2.68	283	P	11 05 37.4	-1.5	Sn	11 05 37.4
JIO				S	11 05 40.2	-1.6	Sn	11 05 40.2
MIYJ	Miyakonagasawa	2.79	308	P	11 05 11.5	-0.7	Pn	11 05 11.5
MIYJ				S	11 05 42.5	-2.2	Sn	11 05 42.5
JMKJ	Ichinoseki	2.91	292	P	11 05 13.4	-0.4	Pn	11 05 13.4
JMKJ				S	11 05 21.5	-0.3	Sn	11 05 21.5
JOMJ	Ohasama	3.08	302	P	11 05 16.0	-0.2	Pn	11 05 16.0
JOMJ				S	11 05 50.8	-1.0	Sn	11 05 50.8
JFTJ	Otama	3.46	265	P	11 05 21.5	+0.1	Pn	11 05 21.5
JFTJ				S	11 05 59.3	-1.8	Sn	11 05 59.3
JANG	Nango	3.49	316	P	11 05 21.5	-0.3	Pn	11 05 21.5
JANG				S	11 05 59.6	-2.3	Sn	11 05 59.6
JYKJ	Kaneyama	3.54	288	P	11 05 22.6	+0.1	Pn	11 05 22.6
JYKJ				S	11 06 02.8	-0.3	Sn	11 06 02.8
ERMJ	Erimo	4.28	345	ePn	11 05 32.5	-0.2	Pn	11 05 32.5
ERMJ				S	11 06 16.3	-5.1	Sn	11 06 16.3
BSOJ	Boso 1	4.40	224	P	11 06 20.3	-3.1	Pn	11 06 20.3
BSOJ				S	11 06 41.1	+1.5	Sn	11 06 41.1
JOTJ	Ohata	4.47	322	P	11 05 35.9	+0.7	Pn	11 05 35.9
JOTJ				S	11 06 23.2	-2.8	Sn	11 06 23.2
JCHJ	Churui	4.83	348	P	11 05 39.2	-0.9	Pn	11 05 39.2
JCHJ				S	11 06 31.3	-3.4	Sn	11 06 31.3
JKBH	Kyabue	4.88	326	P	11 05 41.1	+0.3	Pn	11 05 41.1
JKBH				S	11 06 33.4	-2.6	Sn	11 06 33.4
JRYJ	Ryogami san	4.98	250	P	11 05 41.2	-1.2	Pn	11 05 41.2
JRYJ				S	11 06 34.1	-4.7	Sn	11 06 34.1
JODJ	Odawara 2	5.20	241	P	11 05 44.8	-0.5	Pn	11 05 44.8
JODJ				S	11 06 38.2	-5.3	Sn	11 06 38.2
MJAR	Matsushiro Arr	5.33	257	Pn	11 05 47.2	+0.1	Pn	11 05 47.2
MJAR				S	11 06 45.0	+2.2	Sn	11 06 45.0
MJAR	4.3nm, 0.3s, baz=91, slow=28, SNR=9.1			LR	11 08 02.6		LR	11 08 02.6
MAJO	Matsushiro	5.33	257	ePn	11 05 47.9	+0.8	Pn	11 05 47.9
MAJO				S	11 06 47.7	+0.6	Sn	11 06 47.7
MATJ	Matsushiro	5.33	257	P	11 05 47.7	+0.6	Pn	11 05 47.7
MATJ				S	11 06 47.7	+0.6	Sn	11 06 47.7
MJBS	Matsu-Tunnel	5.33	257	ePn	11 05 47.9	+0.8	Pn	11 05 47.9
NEMJ	Nemuro 2	5.53	8	P	11 05 47.0	-2.8	Pn	11 05 47.0
NEMJ				S	11 06 45.0	-7.1	Sn	11 06 45.0
JOSM	Okushiri-Mats	5.79	318	P	11 05 53.7	+0.4	Pn	11 05 53.7
JOSM				S	11 06 53.7	-4.7	Sn	11 06 53.7
JTKR	Abashiri-Toko	6.10	355	P	11 05 46.6	-1.0	Pn	11 05 46.6
JTKR				S	11 07 01.5	-4.7	Sn	11 07 01.5
JHJH	Hachioji jima 2	6.21	221	Pn	11 05 56.8	-2.4	Pn	11 05 56.8
JHJH				S	11 07 00.3	-8.5	Sn	11 07 00.3
JHRJ	Hokuryu	6.26	340	P	11 06 01.2	+1.4	Pn	11 06 01.2
JHRJ				S	11 07 08.9	-1.2	Sn	11 07 08.9
ASAJ	Asahikawa	6.42	347	Pn	11 06 02.0	+0.1	Pn	11 06 02.0
ASAJ				S	11 07 10.7	-3.2	Sn	11 07 10.7
ASAJ	3.4nm, 0.3s, baz=27, slow=26, SNR=7.6			LR	11 06 06.7	+1.4	LR	11 06 06.7
INUJ	Inuyama	6.66	250	ePn	11 06 14.4	-0.1	Pn	11 06 14.4
JIEJ	Ise	7.33	244	P	11 06 21.1	+1.5	Pn	11 06 21.1
JWKJ	Keihoku	7.71	345	P	11 07 11.9	+0.8	Pn	11 07 11.9
USRK	Ussurisk Arr.	11.46	307	Pn	11 07 35.0	+0.5	Pn	11 07 35.0
USRK				S	11 07 36.7	+0.8	Sn	11 07 36.7
MDJ	Mudanjiang	13.18	305	ePn	11 07 35.0	+0.5	Pn	11 07 35.0
KSRS	Korea Array	13.28	273	Pn	11 11 58.7		Pn	11 11 58.7
KSRS				S	11 11 58.7		Sn	11 11 58.7
KSRS	0.2nm, 0.3s, baz=82, slow=14, SNR=8.0			LR	11 11 58.7		LR	11 11 58.7
KSRS	comp=2.70nm, 18.2s, baz=51, slow=34			LR	11 07 36.7	+0.3	LR	11 07 36.7
KSAR	Wonju Array Be	13.31	273	Pn	11 07 53.2	-1.7	Pn	11 07 53.2
KLR	Kul'dur	14.68	325	Pn	11 08 35.4	+1.1	Pn	11 08 35.4
KLR				S	11 08 35.7	-1.3	Sn	11 08 35.7
KLR	0.9nm, 0.3s, baz=132, slow=13, SNR=4.1			P	11 08 35.4	+1.1	P	11 08 35.4
PETK	Petrovskovsk-17	17.70	27	P	11 08 35.4	+1.1	P	11 08 35.4
PETK				S	11 08 35.7	-1.3	S	11 08 35.7
PETK	0.1nm, 0.3s, baz=221, slow=10, SNR=2.6			LR	11 15 54.3		LR	11 15 54.3
PETK	comp=7.42nm, 20.0s, baz=205, slow=39			LR	11 08 35.4	+1.1	LR	11 08 35.4
PEAJ	Petrovskovsk-17	17.71	27	ePn	11 08 35.7	-1.3	Pn	11 08 35.7
PET	Petrovskovsk-17	17.98	28	ePn	11 08 35.7	-1.3	Pn	11 08 35.7
PET				S	11 09 56.5	+1.7	S	11 09 56.5
SEYJ	Seymchan	25.51	8	P	11 37 26.2		P	11 37 26.2
SEYJ				T	11 37 25.7		T	11 37 25.7
H1N2	WAKE ISLAND Hy	26.47	127	T	11 37 23.3		T	11 37 23.3
H1N1	WAKE ISLAND Hy	26.48	127	T	11 37 23.3		T	11 37 23.3
H1N3	WAKE ISLAND Hy	26.49	127	T	11 37 23.3		T	11 37 23.3
H1N3				T	11 37 23.3		T	11 37 23.3
SONA0	Songino Array	29.50	302	eP	11 10 32.9	+2.1	P	11 10 32.9
SONM	Songino Array	29.50	302	P	11 10 32.9	+2.1	P	11 10 32.9
SONM				S	11 10 32.9	+2.1	S	11 10 32.9
SONM	0.5nm, 0.6s, baz=100, slow=13, SNR=3.7			P	11 10 33.9	-1.7	P	11 10 33.9
KIWB	Kanaga Island	30.06	50	P	11 12 37.6	+1.7	P	11 12 37.6
CMAR	Chiang Mai Arr	44.22	257	P	11 33 59.9		LR	11 33 59.9
CMAR				LR	11 33 59.9		LR	11 33 59.9
CMAR	comp=2.20nm, 18.8s, baz=193, slow=40			LR	11 12 57.3	-1.8	LR	11 12 57.3
MK31	Makanchi Array	45.86	302	eP	11 12 50.5	+1.8	P	11 12 50.5
MK32	Makanchi Array	45.86	302	eP	11 12 50.5	+1.8	P	11 12 50.5
MKAR	Makanchi Array	45.86	302	P	11 12 50.5	+1.8	P	11 12 50.5
MKAR				S	11 12 50.5	+1.8	S	11 12 50.5
MKAR	0.5nm, 0.8s, baz=86, slow=9, SNR=2.4			P	11 12 50.5	+1.8	P	11 12 50.5
MLAR	Makanchi Array	45.86	302	P	11 12 57.3	-1.8	P	11 12 57.3
MLAR				S	11 13 00.8	+0.5	S	11 13 00.8
ILAR	Eielson Array	47.38	33	P	11 13 02.8	+1.8	P	11 13 02.8
KURK	Kurchatov Arr	47.45	308	eP	11 13 02.8	+1.2	P	11 13 02.8
KURK				S	11 13 02.8	+1.2	S	11 13 02.8
KURK	0.8nm, 0.6s, baz=80, slow=9, SNR=9.2			P	11 13 36.3	+1.3	P	11 13 36.3
KBVB	Boroyeve Array	51.91	31	P	11 14 20.1	-1.4	P	11 14 20.1
KBVB				S	11 14 20.1	-1.4	S	11 14 20.1
WRAB	Tennant Creek	58.33	191	eP	11 14 20.1	-1.5	P	11 14 20.1
WRAB				S	11 14 20.1	-1.5	S	11 14 20.1
WRAB	2.1nm, 0.6s			P	11 14 20.1	-1.5	P	11 14 20.1
WRAJ	Warramunga Arr	58.34	191	eP	11 14 20.1	-1.5	P	11 14 20.1
WRAJ				S	11 14 20.1	-1.5	S	11 14 20.1
WRAJ	2.4nm, 0.6s, baz=19, slow=22, SNR=2.2			P	11 14 45.4	+0.9	P	11 14 45.4
YKAJ	Yellowknife Arr	61.75	31	P	11 14 45.4	+0.9	P	11 14 45.4
YKAJ				S	11 14 45.4	+0.9	S	11 14 45.4
YKAJ	0.3nm, 0.7s, baz=298, slow=6.5, SNR=5.2			P	11 14 45.4	+0.9	P	11 14 45.4
YKBJ	Yellowknife Arr	61.75	31	P	11 14 45.4	+0.9	P	11 14 45.4
YKBJ				S	11 14 45.4	+0.9	S	11 14 45.4
ASAR	Alfa Springs	62.06	191	eP	11 14 45.4	+0.9	P	11 14 45.4
ASAR				S	11 14 45.4	+0.9	S	11 14 45.4
ASAR	0.8nm, 0.6s, baz=307, slow=2.4, SNR=13			LR	11 41 34.7		LR	11 41 34.7
AFIJ	Afiama	65.75	133	LR	11 16 07.5	-1.0	LR	11 16 07.5
AFIJ				P	11 16 12.1	+2.9	P	11 16 12.1
FMPJ	Fort Macarthur	75.10	159	eP	11 16 14.6	-0.5	P	11 16 14.6
PDAR	Pinedale Array	75.20	47	P	11 17 14.4	-0.2	P	11 17 14.4
PDAR				S	11 17 14.4	-0.2	S	11 17 14.4
PDAR	0.6nm, 0.2s, baz=97, slow=2.4, SNR=7.8			P	11 17 14.4	-0.2	P	11 17 14.4
GMRC	Granite Mounta	76.24	57	eP	11 17 14.4	-0.2	P	11 17 14.4
TXAR	Lajitas Array	87.53	54	P	11 17 14.4	-0.2	P	11 17 14.4
TXAR				S	11 17 14.4	-0.2	S	11 17 14.4
TXAR	0.1nm, 0.8s, baz=297, slow=2.9, SNR=6.2			P	11 17 14.4	-0.2	P	11 17 14.4

INK	1.0nm,0.3s,baz=216,slow=13,SNR=30 S	S	12 20 25.2 -4.0	H31A	Wolsey baz=309	40.46 79 P	P	12 20 48.7 +0.9	N39A	Derby Farms, D baz=313	46.14 79 P	P	12 21 33.6 +0.4
INK	baz=270,slow=20,SNR=2.5	ScP	12 25 04.3 0.0	B35A	Bob, Littlefor baz=307	40.58 72 P	P	12 20 49.9 +1.1	K41A	Shullsburg baz=312	46.14 76 P	P	12 21 33.3 +0.1
INK	0.4nm,0.3s,baz=134,slow=4.8,SNR=10 Inuvik	ScP	12 17 17.1 -1.3	W18A	Petreford Fore baz=317,SNR=5.9	40.69 99 P	P	12 20 51.9 +1.9	T34A	McCluskey Farm baz=315	46.27 86 P	P	12 21 34.8 +0.5
INK	PETK	ScP	12 18 59.0 +1.5	OGNE	Ogallala	40.83 86 P	P	12 20 52.4 +1.4	R36A	Gordon, Harris baz=315	46.27 84 P	P	12 21 34.5 +0.2
SEY	Petrovlovsk- 23.54 279 pP	pP	12 18 22.2 -0.7	E34A	Wadena baz=312	40.96 75 P	P	12 20 53.0 +1.2	S35A	Otter Creek Ra baz=315,SNR=6.1	46.28 85 P	P	12 21 34.9 +0.6
SEY	Seymchan 23.77 305 P	P	12 19 00.8 +0.0	J31A	Geddes baz=310	41.09 81 P	P	12 20 53.9 +1.0	J42A	Columbus baz=312	46.29 74 P	P	12 21 34.7 +0.3
SEY	3.6nm,0.8s,baz=96,slow=10,SNR=12	pP		G33A	Ortonville baz=310	41.11 77 P	P	12 20 53.7 +0.6	M40A	Post Highland baz=315	46.31 78 P	P	12 21 34.9 +0.4
YKA	Yellowknife Ar 24.16 96 P	P	12 18 27.2 +0.7	SDCO	Great Sand Dun baz=315,SNR=9.7	41.12 93 P	P	12 20 55.6 +1.9	P38A	Dawn baz=314	46.44 81 P	P	12 21 36.0 +0.4
YKA	4.4nm,0.6s,baz=277,slow=9.6,SNR=30	PcP	12 22 01.4 +0.1	D35A	Remer baz=308	41.20 73 P	P	12 20 55.2 +1.4	N40A	Mertquake, Sal baz=314	46.63 78 P	P	12 21 36.6 -0.4
YKA	0.3nm,0.6s,baz=292,slow=2.3,SNR=6.0	ScP	12 25 20.7 0.0	H33A	Frehn Over Nor baz=310	41.27 78 P	P	12 20 55.1 +0.6	S36A	Cedric, C baz=315	46.65 84 P	P	12 21 37.4 +0.2
G05D	Wamic, OR 27.32 97 P	P	12 18 57.8 +2.8	214A	Organ Pipe Nat baz=320	41.41 105 P	P	12 20 57.3 +1.6	Q38A	Cooks Store, C baz=314	46.86 82 P	P	12 21 38.1 -0.7
I04A	Tendick Farm, 27.64 100 P	P	12 19 00.0 +2.1	G34A	Benson baz=309	41.51 77 P	P	12 20 56.4 +0.1	P39B	Salisbury baz=314	46.97 81 P	P	12 21 39.9 +0.3
NEW	Newport 27.87 88 P	P	12 19 02.1 +2.2	K31A	O'Neill baz=311	41.52 82 P	P	12 20 57.7 +1.2	T36A	Boggs Farm, Ca baz=316	46.97 85 P	P	12 21 39.8 +0.1
NEW	Newport 27.87 88 P	P	12 19 02.0 +2.0	D36A	Goodland baz=308	41.61 73 P	P	12 20 58.2 +1.0	U35A	Pavnee baz=308	46.99 87 P	P	12 21 40.4 +0.6
I05D	Terrebonne, OR 27.88 98 P	P	12 19 01.5 +1.5	I33A	Coleman baz=310	41.65 79 P	P	12 20 58.3 +0.8	O40A	La Belle baz=314	47.01 79 P	P	12 21 40.7 +0.8
J05D	Fort Rock, OR 28.62 100 P	P	12 19 09.4 +2.7	F35A	Swanville baz=309	41.69 75 P	P	12 20 58.6 +0.7	WMOK	Wichita Mounta baz=315	47.04 90 P	P	12 21 41.3 +1.0
YBH	Yreka Blue Hor 28.87 104 P	P	12 19 11.2 +2.4	C37A	Embarrass baz=308	41.78 71 P	P	12 20 59.8 +1.3	S37A	Fort Scott baz=315	47.05 84 P	P	12 21 40.4 +0.1
M02C	Callahan 29.02 104 P	P	12 19 12.3 +2.0	H34A	Spellman Lake, baz=310	41.81 77 P	P	12 20 59.4 +0.6	Q39A	Willow Grove F baz=314	47.16 81 P	P	12 21 41.1 0.0
M04C	Macdoel 29.30 103 P	P	12 19 15.7 +2.9	KSCO	Kay Shedlock baz=314,SNR=7.4	41.83 89 P	P	12 21 01.3 +2.0	R38A	Fenwick Farm, baz=315	47.26 83 P	P	12 21 41.5 -0.3
N02D	Trinity Center 29.40 105 P	P	12 19 16.0 +2.4	K32A	Verdige baz=311	41.92 81 P	P	12 21 00.3 +0.5	P40A	Paris baz=314	47.33 80 P	P	12 21 42.5 +0.1
O03D	Paynes Creek 30.36 105 P	P	12 19 23.8 +1.7	ECSD	ERIS Data Cent baz=310	41.96 79 P	P	12 21 00.4 +0.4	V35A	Merry Ranch, C baz=316	47.37 87 P	P	12 21 42.7 -0.1
M50	Missoula 30.46 88 P	P	12 19 25.0 +2.1	E36A	McGregor baz=309	41.98 73 P	P	12 21 01.2 +1.1	T37A	Cheneyville 18 baz=316	47.46 85 P	P	12 21 43.6 +0.1
RES	Resolute Bay 30.73 29 P	P	12 19 24.8 +0.1	EYMN	Ely baz=308	42.01 71 P	P	12 21 01.9 +1.5	R39A	Chumby, Stover baz=316	47.64 82 P	P	12 21 43.0 -1.9
RES	3.1nm,0.6s,baz=265,slow=11,SNR=13	ScP	12 25 41.1 +0.5	J33A	Davis baz=308	42.04 80 P	P	12 21 01.1 +0.4	S38A	Stockton baz=315	47.65 83 P	P	12 21 44.4 -0.6
TIXI	0.5nm,0.8s,baz=334,slow=3.5,SNR=4.3 Tiksi	P	12 19 34.4 -0.4	T25A	Trinidad baz=311,SNR=7.0	42.16 92 P	P	12 21 04.0 +1.9	Q40A	Laux Farm, Aux baz=315	47.69 81 P	P	12 21 45.0 -0.2
TIXI	2.3nm,0.6s,baz=97,slow=9.5,SNR=8.2	pP	12 20 15.7 +0.6	TUC	Tucson baz=320	42.23 103 P	P	12 21 04.3 +1.9	P41A	Barry, Barry baz=314	47.76 79 P	P	12 21 45.9 +0.2
EGMT	Eagleton 32.09 83 P	P	12 19 38.7 +1.6	H35A	Sunnyside Ranc baz=310	42.30 77 P	P	12 21 03.8 +1.1	W35A	Tecumseh baz=314	47.80 88 P	P	12 21 46.4 +0.3
HLID	Hailey 32.21 93 P	P	12 19 39.9 +1.6	K33A	Hardington baz=311	42.50 81 P	P	12 21 05.3 +0.9	TUL1	Leonard baz=316	47.85 86 P	P	12 21 46.3 -0.2
BOZ	Bozeman (W) 32.49 88 P	P	12 19 42.1 +1.4	ANMO	Albuquerque baz=317	42.62 96 P	P	12 21 07.3 +1.6	V36A	Jenks baz=316	47.85 87 P	P	12 21 46.6 +0.1
NVAR	Mina Array Bea 33.59 104 P	P	12 19 52.5 +2.1	L33A	Hoskins baz=312	42.64 81 P	P	12 21 06.1 +0.5	U37A	Salina baz=316	47.86 85 P	P	12 21 46.7 +0.1
H17A	Grant Village 33.82 89 P	P	12 19 55.4 +3.1	BGNE	Belgrade baz=312	42.67 83 P	P	12 21 06.8 +1.0	T38A	Diamond baz=316	47.87 84 P	P	12 21 46.3 -0.3
MLAC	Mammoth, Mammo 33.88 105 P	P	12 19 55.3 +2.4	I35A	Creekview Farm baz=317	42.77 78 P	P	12 21 07.4 +0.8	S39A	Bolivar baz=312	47.93 83 P	P	12 21 46.5 -0.6
RLMT	Red Lodge 34.09 87 P	P	12 19 57.1 +2.5	K34A	Le Mars baz=311	42.94 80 P	P	12 21 07.8 +0.9	R40A	Maddies Statio baz=315,SNR=6.9	48.08 81 P	P	12 21 47.8 -0.5
LAO	LASA Array 34.82 82 P	P	12 20 02.7 +2.0	SPMN	Marine on St. baz=310	43.05 75 P	P	12 21 10.0 +1.2	ABTX	Ablene, Hawle baz=318,SNR=5.4	48.13 92 P	P	12 21 49.7 +1.0
DGMT	Dagmar 34.89 78 P	P	12 20 03.4 +2.2	F38A	Pierce - Schro baz=309	43.07 73 P	P	12 21 10.4 +1.5	Q41A	Truxton baz=315	48.18 80 P	P	12 21 48.9 -0.1
SMMC	Simmler 35.00 109 P	P	12 20 02.8 +0.5	M33A	Taylor Creek F baz=319	43.08 82 P	P	12 21 10.0 +0.8	P42A	Winchester baz=314	48.22 79 P	P	12 21 48.7 -0.6
VES	Vestal, Richgr 35.09 108 P	P	12 20 03.7 +0.8	K35A	Svendsen Farm, baz=312	43.27 81 P	P	12 21 11.3 +0.7	V37A	Hulbert baz=316	48.23 86 P	P	12 21 49.2 -0.2
R11A	Troy Canyon, C 35.12 101 P	P	12 20 05.2 +1.7	L34A	Storm Lake baz=311	43.39 79 P	P	12 21 12.0 +0.5	U38A	Gravette baz=316	48.24 85 P	P	12 21 49.4 -0.1
GRAC	Grapevine Rang 35.14 104 P	P	12 20 05.5 +2.0	N33A	J B, K, Exete baz=313	43.51 83 P	P	12 21 12.5 0.0	T39A	Cleaver baz=316,SNR=8.0	48.38 83 P	P	12 21 50.0 -0.5
CWC	Cottonwood Cre 35.17 106 P	P	12 20 05.5 +1.6	I37A	Lemond, Waseca baz=311	43.52 76 P	P	12 21 13.9 +1.3	TXAR	Lajitas Array 2.1nm,0.3s,baz=301,slow=5.7,SNR=65	48.41 99 P	P	12 21 52.3 +1.3
DUG	Dugway, Tooele 35.35 96 P	P	12 20 07.0 +1.6	CBKS	Cedar Bluff baz=314	43.58 87 P	P	12 21 14.7 +1.6	TXAR	0.4nm,0.7s,baz=270,slow=0.9,SNR=2.5	48.45 82 P	PcP	12 23 14.9 +0.8
BW06	Boulder Array 35.43 90 P	P	12 20 07.9 +1.8	G38A	Ridgeland baz=310	43.60 74 P	P	12 21 14.0 +0.9	S40A	Lebanon baz=315	48.48 82 P	P	12 21 50.4 -0.7
PDAR	Pinedale Array 35.43 90 P	P	12 20 07.8 +1.7	L35A	Bielow Farm, R baz=312	43.63 80 P	P	12 21 13.3 -0.1	R41A	Rosebud baz=312	48.57 81 P	P	12 21 51.6 -0.3
PDAR	2.6nm,0.3s,baz=311,slow=2.1,SNR=67	ScP	12 25 58.1 +0.3	H38A	Maiden Rock baz=310	43.69 75 P	P	12 21 15.5 +1.6	Q42A	Golden Eagle baz=315	48.59 79 P	P	12 21 53.0 +0.9
ISA	Isabella, Lake 35.54 107 P	P	12 20 08.1 +1.1	121A	Cookes Peak, D baz=319	43.70 100 P	P	12 21 15.0 +0.7	W37B	Quinton baz=317	48.61 87 P	P	12 21 52.9 +0.6
MPMC	Manual Prospec 35.77 106 P	P	12 20 10.9 +1.9	K36A	Gilmore City baz=312	43.87 79 P	P	12 21 15.4 0.0	V38A	Canehill baz=316,SNR=6.4	48.65 85 P	P	12 21 52.7 +0.1
TPNV	Topopah Spring 35.88 103 P	P	12 20 11.1 +2.0	G39A	Holcombe baz=310	43.89 74 P	P	12 21 16.5 +1.1	T40A	Mansfield baz=316	48.76 83 P	P	12 21 53.1 -0.4
FURC	Furnace Creek, baz=317	P	12 20 11.3 +2.3	O33A	Helton baz=313,SNR=6.5	43.89 84 P	P	12 21 16.3 +0.7	U39A	Green Forest baz=316	48.79 84 P	P	12 21 53.2 -0.5
SHOC	Shoshone, Teco 36.54 105 P	P	12 20 17.6 +2.2	J37A	Redenius Farm, baz=311	43.91 77 P	P	12 21 16.4 +0.7	CCM	Cathedral Cave baz=315	48.81 81 P	P	12 21 52.7 -1.1
GSC	Goldstone, Bar 36.71 106 P	P	12 20 19.0 +2.2	M35A	Neola baz=312	43.98 81 P	P	12 21 16.5 +0.3	S41A	Jillico Farms, baz=316,SNR=13	48.88 82 P	P	12 21 53.8 -0.5
BFSC	Mount Baldy Ra 37.06 108 P	P	12 20 21.3 +1.4	F40A	Park Falls baz=310	44.03 72 P	P	12 21 17.8 +1.2	R42A	Luebbingr baz=315	48.90 80 P	P	12 21 54.2 -0.3
FMP	Fort Macarthur 37.13 109 P	P	12 20 21.7 +1.4	D41A	Chassel baz=309	44.11 70 P	P	12 21 20.2 +3.0	Q43A	New Douglas baz=315	49.03 79 P	P	12 21 55.6 +0.2
K22A	Casper 37.20 88 P	P	12 20 22.8 +1.9	K37A	Belmond baz=312	44.23 78 P	P	12 21 18.6 +0.4	X37A	Clayton baz=317	49.05 87 P	P	12 21 56.3 +0.7
HEC	Hector, Ludlow 37.32 106 P	P	12 20 23.3 +1.3	O34A	Beatrice baz=313	44.31 83 P	P	12 21 19.8 +0.9	Y36A	Durant baz=317	49.05 89 P	P	12 21 56.3 +0.6
BBRC	Big Bear Solar 37.44 107 P	P	12 20 24.4 +1.2	N35A	Tabor baz=313	44.42 81 P	P	12 21 21.0 +1.3	V39A	Pettigrew baz=316	49.09 85 P	P	12 21 56.3 +0.2
RSSD	Black Hills 37.62 84 P	P	12 20 25.9 +1.3	J38A	Wedel Dairy, R baz=311	44.49 77 P	P	12 21 20.6 +0.4	U40A	Yellville baz=316	49.15 84 P	P	12 21 56.1 -0.4
GMRC	Granite Mounta 37.71 105 P	P	12 20 26.5 +1.2	L37A	Phoenix Point, baz=312	44.60 79 P	P	12 21 21.4 +0.3	W38A	Potau baz=317	49.17 86 P	P	12 21 56.8 +0.3
MDND	Maddock 37.75 76 P	P	12 20 27.6 +2.3	I39A	Houston baz=311	44.64 75 P	P	12 21 22.3 +0.8	O45A	Potomac baz=314	49.17 76 P	P	12 21 56.2 -0.3
MURC	Murrieta 37.80 108 P	P	12 20 25.8 -0.1	P34A	Walnut Farm, R baz=314	44.68 84 P	P	12 21 22.2 +0.4	P44A	Sand Creek, Wi baz=317	49.24 78 P	P	12 21 57.0 0.0
O20A	White River Ci 37.93 92 P	P	12 20 28.7 +1.5	N36A	Muff Farm, Cla baz=313	44.83 81 P	P	12 21 23.3 +0.3	T41A	Mountain View baz=316	49.26 82 P	P	12 21 56.5 -0.7
BELC	Belle Mtn. Jos 38.13 106 P	P	12 20 30.5 +1.7	J39A	Decorah baz=312	44.89 76 P	P	12 21 23.3 -0.1	S42A	Caledonia baz=316	49.27 81 P	P	12 21 56.7 -0.6
PFO	Pinyon Flats O 38.18 107 P	P	12 20 30.3 +1.1	M37A	Trindle Farm, baz=313	44.92 80 P	P	12 21 24.0 +0.4	R43A	Red Bud baz=315	49.38 80 P	P	12 21 57.5 -0.5
TPFO													

24d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like W45A Hickory Valley, WVT Waverly, U47A Clarksville, etc.

IDC 24 12:31:13.1536,0.4851N,13:45E, h0km, Error ellipse: s-maj=188.7km s-min=156.8km az=29.0, Ukraine-Moldova-Southwestern Russia region

VIE 24 12:32:41.1, 0.1, 46.186N, 14.28E, h5km, mb1.7/10, ML2.6/12, Error ellipse: s-maj=1.7km s-min=1.0km az=177.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MYKA Terra Mystica, MOZS Mozjanca, GORS Gorjuse, etc.

2012 JAN

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

IDC 24 13:07:52.7, 1.1, 29.245S, 0.0669, 44W, 0.05, h115km, 13km, Error ellipse: s-maj=9.2km s-min=7.6km az=174.9

GUC 24 13:03:05.8, 0.1, 29.23S, 69.61W, h119km, 890km, ML2.9, SJA 24 13:03:05.6, 1.1, 29.30S, 69.47W, h109km, 9km, ML2.9, MW3.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKDS Skadanscina, CIMO Cimolais, RISI Rein, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 24 12:35:37.9, 3.3, 21.66S, 175.00E, h0km, mb4.1/5, etc.

ISCJB 24 13:03:05.7, 1.1, 29.245S, 0.0669, 44W, 0.05, h115km, 13km, Error ellipse: s-maj=9.2km s-min=7.6km az=174.9

GUC 24 13:03:05.8, 0.1, 29.23S, 69.61W, h119km, 890km, ML2.9, SJA 24 13:03:05.6, 1.1, 29.30S, 69.47W, h109km, 9km, ML2.9, MW3.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AGUA GUANDACOL, LCO Las Campanas, LCO Las Campanas, etc.

IDC 24 13:07:47.5, 3.8, 14.89N, 92.48W, h0km, mb3.2/4, mb3.7/6, mb1mx3.6/34, mbtm3.3/6, ML3.8/2, Error ellipse: s-maj=121.8km s-min=51.7km az=37.0

MEX 24 13:07:56.4, 0.5, 14.71N, 93.31W, h16km, 33km, MD3.9, ISC 24 13:07:52.7, 1.1, 29.245S, 0.0669, 44W, 0.05, h115km, 13km, Error ellipse: s-maj=9.2km s-min=7.6km az=174.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, CMIG Matias Romero, etc.

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

24d 13h

2012 JAN

1122

Table with columns: ID, Name, Loc, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, slope, and comp.

Table with columns: ID, Name, Loc, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, slope, and comp.

Table with columns: ID, Name, Loc, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, slope, and comp.

24d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like ACCL CERRO LA CRUZ, AGUA GUANDACOL, SUCO SUCO, etc.

GUC 24 16:09:52.0-0.7, 19.49S; 69.28W, h110km, 3km, ML3.7
ISCJB 24 16:09:53.2-1.2, 19.51S; 0.04-69.4W:0.1, h114km, 9km,
Error ellipse: s-maj=19.2km s-min=6.5km az=174.5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like PB11 IPOC Station P, PB16 IPOC Station P, etc.

ISCJB 24 16:16:16.5-0.8, 44.12N; 0.05:10.11E; 0.05, h74km, 7km,
Error ellipse: s-maj=9.1km s-min=5.4km az=27.6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like VDC Villacolleme, SARO Sassorosso, etc.

SC2M Scurtabo, SC2M Scurtabo, SC2M Scurtabo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like PTF Prato, BOB Bobbio (Coli), etc.

2012 JAN

Table with columns: LPGA La Plagne, LPGA La Plagne, LPGA La Plagne, etc.

ICD 24 16:28:9.5-9.4, 85S; 150.93E, h187km, 40km, mb3.2/2,
mb1 3.5/4, mb1mx3.1/2, mb1mx3.1/2, mb1mx3.1/2, MS3.7/1, Ms1 3.7/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like SIJI Sorong, FITZ Fitzroy Crossi, etc.

ICD 24 16:26:46.0-0.6, 54.88N; 160.05W, h0km, mb4.1, 1/27,
mb1 4.2/30, mb1mx4.2/47, mb1mx4.1/30, ML4.1, 1/3, MS3.4/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like SDPT Sand Point, DDL Dolgoi Island, etc.

ICD 24 16:26:46.9-0.0, 54.78N; 159.88W, h28km, mb4.6/11,
ML4.0(AEIC), After AEIC,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like VDC Villacolleme, SARO Sassorosso, etc.

SC2M Scurtabo, SC2M Scurtabo, SC2M Scurtabo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like PTF Prato, BOB Bobbio (Coli), etc.

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Table with columns: YKA Yellowknife Ar, YKA Petrozavodsk, PETK Seymchan, etc.

ICD 24 16:26:46.0-0.6, 54.88N; 160.05W, h0km, mb4.1, 1/27,
mb1 4.2/30, mb1mx4.2/47, mb1mx4.1/30, ML4.1, 1/3, MS3.4/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like SIJI Sorong, FITZ Fitzroy Crossi, etc.

ICD 24 16:26:46.0-0.6, 54.88N; 160.05W, h0km, mb4.1, 1/27,
mb1 4.2/30, mb1mx4.2/47, mb1mx4.1/30, ML4.1, 1/3, MS3.4/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like SDPT Sand Point, DDL Dolgoi Island, etc.

ICD 24 16:26:46.0-0.6, 54.88N; 160.05W, h0km, mb4.1, 1/27,
mb1 4.2/30, mb1mx4.2/47, mb1mx4.1/30, ML4.1, 1/3, MS3.4/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like VDC Villacolleme, SARO Sassorosso, etc.

SC2M Scurtabo, SC2M Scurtabo, SC2M Scurtabo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like PTF Prato, BOB Bobbio (Coli), etc.

Table with columns: Code, Station Name, Az, El, P, Res. Includes entries like ESDC Sonseca Array, BRTR Keskin Array B, WRA Warrunga Arr, ASAR Alice Springs.

ISCJB 24 16:29:15.70.5.51.51N.0.03:6.42E.0.03, h0km, Error ellipse: s-maj=4.1km s-min=2.6km az=148.1
LDG 24 16:29:16.9.0.2.51.58N.6.54E, h1km, ML2/9, Error ellipse: s-maj=3.5km s-min=2.3km az=175.0, Suspected Mining induced.
CSEM 24 16:29:16.5.0.3.51.54N.6.45E, h1km, ML3.1/12, Error ellipse: s-maj=5.0km s-min=3.2km az=117.0
BUG 24 16:29:17.2.51.50N.6.54E, h1km, ML2
BGR 24 16:29:18.9.0.6.51.50N.6.55E, h1km, ML2 4/5, Error ellipse: s-maj=1.1km s-min=0.4km az=117.0
BNS 24 16:29:18.1.1.0.51.50N.6.59E, h1km, ML20km, ML2.2
ISC 24 16:29:16.1.0.9.51.51N.0.03:6.48E.0.02, h0km, n72, -092/105, 1C, Germany

Main station list table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes LAUG Laupendahl, HES Velbert-Hesper, RWB Wassenberg, BUG Bochum-Univer, PLH Pulheim, ENTS Ennepetalsperr, ENTS Ennepetalsperr, HOBG Hohbusch, GSH Grossschau, HGN Heimansgroeve, HGN Heimansgroeve, DREG Dreilaegerbach, DREG Dreilaegerbach, WBS Wahnbaachtalpe, KLL Kallitalsperre, KLL Kallitalsperre, STB Steinhach, MEM Membach, MEM Membach, OLFT Olfaltalsperre, OLFT Olfaltalsperre, AHRW Bad Neuenahr-A, AHRW Bad Neuenahr-A, AHRW Bad Neuenahr-A, AHRW Bad Neuenahr-A, IBBN Ibbenburen, IBBN Ibbenburen, IBBN Ibbenburen, IBBN Ibbenburen, HILG Hillesheim, HILG Hillesheim, KOE Koeppeel, KOE Koeppeel, GIVF Givet, GIVF Givet, GIVF Givet, GIVF Givet, TNS Taunus Mts, TNS Taunus Mts, TNS Taunus Mts, WLF Walferdange, WLF Walferdange, WLF Walferdange, BAIF Baives, BAIF Baives, BAIF Baives, BAIF Baives, CLZ Clausthal, CLZ Clausthal, PAGF Fort de Pagny, PAGF Fort de Pagny, MEZF Matzeres Jvi, MEZF Matzeres Jvi, MEZF Matzeres Jvi, SFTT Sextfontaines, SFTT Sextfontaines, SFTT Sextfontaines, HAU Haudompre, HAU Haudompre, HINP Hinterfeld, HINP Hinterfeld, CLL Collim, LOR Lormes, LOR Lormes, LOR Lormes, LOR Lormes.

Table with columns: BRG, Station Name, Az, El, P, SG, Sg. Includes Berggiesshubel, Saint Saulge, Saint Saulge, Avilr sur Loir, Avilr sur Loir, LDF La Druitiere, LDF La Druitiere, LDF La Foliniere, LDF La Foliniere, GRR Gorron.

ISCJB 24 16:31:06.6.0.2.56.29S.0.05:27.61W.0.09, h10km, mb5.1/45, MS5.2/75, Error ellipse: s-maj=8.5km s-min=5.1km az=43.6
IDC 24 16:31:06.7.0.4.56.22S:27.30W, h0km, mb4.8/18, mb1.4/20, mb1mx4.7/32, mb1mx4.8/20, ML4.6/2, MS5.0/16, Ms1.5/0.16, ms1mx4.9/19, Error ellipse: s-maj=16.9km s-min=12.7km az=40.0
BJJ 24 16:31:07.5.56:30S:27.90W, h8km, mb5.9/32, Ms5.6/30, Ms7.5/32
GCMT 24 16:31:07.8.0.1.56.42S:27.41W, h12km, MW5.5/131, Moment Tensor Solution. s106.c170; s131.c237; Duration: t=3 Moment tensor: Scale 10^17Nm; Mn=2.30e-02; Mw=0.85e-03; Mo=1.45e-02; Mo=0.42e-06; Mw=0.11e-02; Mw=0.21e-06; Best double couple: Mo1.922000x10^17 Np1.0518000000, s48.000000, lambda100.000000, NP2.0.344.000000, s43.000000, lambda78.000000. Principal axes: T 2.3690, P162.0000, Azm156.0000; N 0.8950, P168.0000, Azm352.0000; P -1.4740, P162.0000, Azm262.0000; nstai1 refers to body waves, cutoff=40s, nstai2 refers to surface waves, cutoff=50s. NEIC 24 16:31:07.8.0.5.56.34S:27.72W, h8km, mb5.4/28, MS5.2/38, MW5.3, MW5.5, Error ellipse: s-maj=11.7km s-min=7.7km az=206.0 Best double couple: NP1: phi=296.000000, s84.000000, Azm239.000000; Principal axes: T 1.0600, P167.800000, Azm239.000000; N -0.1200, P167.000000, Azm110.000000; P -0.9400, P169.000000, Azm19.000000. NEIC 24 16:31:08.0.0.56.36S:28.11W, h15km, Moment Tensor Solution. s12 Moment tensor: Scale 10^17Nm; Mn=1.48; Mw=0.02; Mw=1.51; Mw=0.45; Mw=0.29; Mw=1.47; Best double couple: Mo2.200000x10^17 Np1.0518000000, s48.000000, lambda100.000000, NP2.0.344.000000, s43.000000, lambda78.000000. Principal axes: T 2.1300, P167.000000, Azm247.000000; N 0.0700, P167.000000, Azm346.000000; P -2.2000, P162.000000, Azm77.000000. MOS 24 16:31:13.7.1.9.56.62S:28.01W, h45km, mb5.1/22, MS5.1/18, Error ellipse: s-maj=31.0km s-min=12.2km az=105.9
ISC 24 16:31:08.7.0.2.56.43S:0.06:27.89W.0.05, h10km, n390, c202/356, mb5.2/45, MS5.2/76, 1C-2D, South Sandwich Islands region

Main station list table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Stat, EFI East Falkland, EFI East Falkland, SNA A Snares, SNA A Snares, PMSA Palmer Station, PMSA Palmer Station, H09W1 TRISTAN DA CUN, NVL N'Zarevskaya, NVL N'Zarevskaya, NVL N'Zarevskaya, NVL N'Zarevskaya, GO09 Cerro Castillo, CHRN Cochrane, TRQA Torquist, SYO Syowa Base, SYO Syowa Base, SYO Syowa Base, SYO Syowa Base, PLCA South Pole Qui, GSPA South Pole Qui, TCA Tanti, SPB Sao Paulo, SPB Sao Paulo, LMEL Las Melosas, GO05 Hualae0, GO05 Hualae0, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, PEL Peldehue, PEL Peldehue, PEL Peldehue, PEL Peldehue, AUPS Uspallata, APLL PUNTA DE LOS L, ROCL El Roble, ACLC CERRO LA CRUZ, CYA Choya, AGUA GUANDACOL, YCA Vinchina, AHML Horco Molle, MAW Mawson, MAW Mawson, LCO Las Campanas, LCO Las Campanas, FSA Cafayete, SUR Sutherland, SUR Sutherland, SUR Sutherland, SLA Santa Barbara, ASTB Santa Barbara, AZAP Zapla, YJA Yavi, PB14 IPOC Station P, PB06 IPOC Station P, PB04 IPOC Station P.

Main station list table with columns: Code, Station Name, Az, El, P, Res. Includes PB04 IPOC Station P, VNA Vanda, VNA Vanda, VNA Vanda, PB07 IPOC Station P, BOSA Boshaft, BOSA Boshaft, BOSA Boshaft, PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, H10S2 ASCENSION HYDRM48, H10S3 ASCENSION HYDRM48, H10S1 ASCENSION HYDRM48, PB12 IPOC Station P, H10N1 ASCENSION HYDRM59, H10N2 ASCENSION HYDRM59, H10N2 ASCENSION HYDRM59, TSUM Tsumbe, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SAML Samuel, SAML Samuel, ITZ Itzhi-Tzohi, NNA Nana, NNA Nana, NNA Nana, NNA Nana, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, PTGA Pitinga, PTGA Pitinga, ATAH Atahua, LIC Lamto, KIC Kosan Boka, TIC Ticomidi, DBIC Dimbokro, DBIC Dimbokro, ABPO Ambohimpangan, ABPO Ambohimpangan, FLOC Floc, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, CMBC Cumbal, CRUC La Cruz, BETC Betania, SOTA Toriblanco, PCON Picon, POPC Popayan, VILC Villavicencio, PRAC Prado, PRAC Prado, HORO Saladito, ROSC El Rosal, YOTC Yotoco, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, GUYC Guyana, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, NORC Norcasia, PLMC San Jos, BARC Barichara, PCRV Puerto La Cruz, PAMC Pamplona, PTBC PUERTO BERRIO, KOWA Kowa, HELC Santa Helena, TORD Torodi, TORD Torodi, TORO Torodi, SDV Santo Domingo, ZARC Zaragoza, OCAC Ocaña, PAYG Puerto Ayora, PAYG Puerto Ayora, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, MOTA Monteria, FDF Fort de France, FDF Fort de France, WHZ Wether Hill, WHZ Wether Hill, DCZ Deep Cove, DCZ Deep Cove, BCIP Isla Barro Col.

24d 16h

Table with columns for call sign, name, frequency, and other details. Includes entries like BCIP, RPZ, OXZ, etc.

2012 JAN

Table with columns for call sign, name, frequency, and other details. Includes entries like MAK, SRU, P18A, etc.

1128

Table with columns for call sign, name, frequency, and other details. Includes entries like ARU, KMI, DAG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Sensitivity, Elevation Sensitivity, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth Range, Elevation Range, Azimuth Min, Elevation Min, Azimuth Max, Elevation Max, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth P, Elevation P, Azimuth Q, Elevation Q, Azimuth R, Elevation R, Azimuth S, Elevation S, Azimuth T, Elevation T, Azimuth U, Elevation U, Azimuth V, Elevation V, Azimuth W, Elevation W, Azimuth X, Elevation X, Azimuth Y, Elevation Y, Azimuth Z, Elevation Z.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Sensitivity, Elevation Sensitivity, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth Range, Elevation Range, Azimuth Min, Elevation Min, Azimuth Max, Elevation Max, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth P, Elevation P, Azimuth Q, Elevation Q, Azimuth R, Elevation R, Azimuth S, Elevation S, Azimuth T, Elevation T, Azimuth U, Elevation U, Azimuth V, Elevation V, Azimuth W, Elevation W, Azimuth X, Elevation X, Azimuth Y, Elevation Y, Azimuth Z, Elevation Z.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Sensitivity, Elevation Sensitivity, Azimuth Drift, Elevation Drift, Azimuth Bias, Elevation Bias, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Zero, Elevation Zero, Azimuth Range, Elevation Range, Azimuth Min, Elevation Min, Azimuth Max, Elevation Max, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth P, Elevation P, Azimuth Q, Elevation Q, Azimuth R, Elevation R, Azimuth S, Elevation S, Azimuth T, Elevation T, Azimuth U, Elevation U, Azimuth V, Elevation V, Azimuth W, Elevation W, Azimuth X, Elevation X, Azimuth Y, Elevation Y, Azimuth Z, Elevation Z.

TUC	baz=317	77.48	56	eP	P	17 18 19.7 +0.9	MSTX	Muleshoe	80.73	50	eP	P	17 18 36.2 -0.1	S42A	baz=326	83.65	40	P	P	17 18 51.0 -0.1
TUC	comp=Z,9.0nm,1.0s						S34A	Willow Spring	80.75	44	P	P	17 18 35.8 -0.3	P46A	Rosedale	83.67	37	P	P	17 18 50.9 -0.2
TUC	comp=Z,9.5nm,1.0s	77.48	56	eP	P	17 18 19.7 +0.9	N40A	Metcuake, Sal	80.75	39	P	P	17 18 35.8 -0.3	TXAR	Lajitas Array	83.77	54	P	P	17 18 52.7 +0.7
M33A	Taylor Creek F	77.66	42	P	P	17 18 19.1 -0.4	M41A	Milan	80.80	38	P	P	17 18 35.8 -0.6	T41A	Mountain View	83.81	41	P	P	17 18 51.5 -0.4
E42A	Champion	77.69	33	P	P	17 18 19.4 -0.2	O39A	Kirksville	80.84	40	P	P	17 18 36.5 -0.1	U40A	Yellville	83.86	42	P	P	17 18 52.0 -0.2
MYKA	Terra Mystica	77.72	327	eP	P	17 18 19.0 -0.8	P38A	Dawn	80.90	41	P	P	17 18 37.0 +0.1	Q45A	Warren Harvey,	83.88	38	P	P	17 18 52.4 +0.2
L34A	Svendens Farm,	77.73	41	P	P	17 18 19.4 -0.5	MNTX	Cornudas Mount	81.02	53	P	P	17 18 38.6 +0.9	V39A	Pettrew	83.90	43	P	P	17 18 52.3 -0.2
G40A	Rib Lake	77.75	35	P	P	17 18 19.7 -0.2	MNTX	Cornudas Mount	81.02	53	eP	P	17 18 38.3 +0.6	R44A	Waltonville	84.02	39	P	P	17 18 52.8 -0.1
H39A	Augusta	77.79	36	P	P	17 18 19.7 -0.5	R36A	Gordon, Harris	81.03	43	P	P	17 18 37.6 0.0	X37A	Clayton	84.07	45	eP	P	17 18 53.0 -0.2
F41A	Three Lakes	77.80	34	P	P	17 18 20.1 -0.1	Q37A	Longview Farm,	81.08	42	P	P	17 18 37.4 -0.5	W38A	Poteau	84.10	44	P	P	17 18 53.8 +0.4
I38A	Scanlan Farm,	77.87	37	P	P	17 18 20.1 -0.5	S35A	Otter Creek Ra	81.14	44	P	P	17 18 38.5 +0.3	Q46A	CEJHS Indians,	84.11	37	P	P	17 18 53.2 -0.1
WATA	Walderalm	77.89	329	P	P	17 18 20.6 -0.3	N41A	Harden Midland	81.21	38	P	P	17 18 38.2 -0.3	T42A	Van Buren	84.12	41	P	P	17 18 53.4 0.0
J37A	Redenius Farm,	77.93	39	P	P	17 18 20.6 -0.3	T34A	McClaskey Farm	81.24	45	P	P	17 18 39.0 +0.2	S43A	Fulton Ridge	84.14	40	P	P	17 18 53.4 -0.1
WTTA	Wattenberg	77.93	329	eP	P	17 18 22.0 +0.8	O40A	La Belle	81.25	39	P	P	17 18 38.7 0.0	P47A	Martinsville	84.17	36	P	P	17 18 53.2 -0.4
L35A	Bielow Farm, R	78.00	41	P	P	17 18 21.1 -0.3	R37A	Teagarden Farm	81.35	42	P	P	17 18 38.8 -0.5	U41A	Viola	84.31	42	P	P	17 18 54.2 -0.2
ANMO	Albuquerque	78.00	52	P	P	17 18 22.9 +1.2	P39B	Salisbury	81.37	40	P	P	17 18 39.2 -0.2	V40A	White Springs	84.32	43	P	P	17 18 54.3 -0.3
ANMO	Albuquerque	78.00	52	eP	P	17 18 22.7 +0.9	Q38A	Cooks Store, C	81.40	41	P	P	17 18 39.4 -0.1	W39A	Magazine	84.36	44	P	P	17 18 54.7 0.0
ANMO	Albuquerque	78.00	52	eP	P	17 18 22.6 +0.9	M43A	Waltham Townsh	81.42	37	P	P	17 18 39.2 -0.4	SIUC	Southern Ilin	84.40	39	eP	P	17 18 54.9 +0.1
M34A	Aspy Farms, Fr	78.00	42	P	P	17 18 21.4 0.0	S36A	Lake Cedric, C	81.46	43	P	P	17 18 39.9 0.0	S44A	Carbondale	84.40	39	P	P	17 18 54.9 +0.1
MOTA	Moosalm	78.06	329	P	P	17 18 23.4 +1.6	N42A	Yates City	81.47	38	P	P	17 18 39.3 -0.6	HPIG	comp=Z,20nm,1.0s	84.44	57	eP	P	17 18 55.8 +0.3
K36A	Gilmore City	78.07	40	P	P	17 18 21.5 -0.2	Q39A	Willow Grove F	81.62	41	P	P	17 18 40.8 +0.1	T43A	Greenville	84.44	40	P	P	17 18 54.9 -0.2
H40A	Chili	78.20	36	P	P	17 18 22.0 -0.4	P40A	Paris	81.65	40	P	P	17 18 40.9 +0.1	Q47A	Bedord North L	84.57	37	P	P	17 18 55.7 0.0
K37A	Belmond	78.33	39	P	P	17 18 22.6 -0.5	T35A	Sooner Guttie	81.66	44	P	P	17 18 41.3 +0.4	U42A	Reviden	84.61	41	P	P	17 18 55.7 -0.2
I39A	Houston	78.36	37	P	P	17 18 22.4 -0.9	O41A	Pasleys Farm,	81.69	39	P	P	17 18 40.8 -0.2	PBMO	Poplar Bluff	84.63	40	eP	P	17 18 56.2 +0.2
J38A	Wedel Dairy, R	78.39	38	P	P	17 18 22.8 -0.6	S37A	Fort Scott	81.80	43	P	P	17 18 41.5 -0.1	V41A	Moutainview	84.65	42	P	P	17 18 56.8 -0.3
L36A	Harm Buss Farm	78.40	40	P	P	17 18 23.4 -0.2	M44A	Midewin, Midew	81.84	36	P	P	17 18 41.4 -0.4	W40A	Ferguson Farm,	84.70	43	P	P	17 18 56.6 +0.3
M35A	Neola	78.44	41	P	P	17 18 23.8 +0.1	T36A	Boggs Farm, Ca	81.85	44	P	P	17 18 42.1 +0.2	W40A	Ferguson Farm,	84.70	43	eP	P	17 18 56.1 -0.2
FETA	Feichten	78.47	329	eP	P	17 18 25.6 +1.6	R38A	Fenwick Farm,	81.89	42	P	P	17 18 41.3 -0.8	S45A	Carrier Mills	84.71	39	P	P	17 18 56.5 +0.1
F43A	Flat Rock, Esc	78.48	33	P	P	17 18 23.4 -0.5	P41A	Barry, Barry	81.97	39	P	P	17 18 42.3 -0.1	T44A	Benton	84.76	40	P	P	17 18 56.6 0.0
G42A	Mountain	78.48	34	P	P	17 18 23.6 -0.3	U35A	Pawnee	81.98	45	P	P	17 18 42.8 +0.2	M54A	Oil Creek Stat	84.97	31	P	P	17 18 57.5 -0.1
BNM	Barren Site	78.50	53	eP	P	17 18 25.0 +0.5	HDIL	Hopedale	82.01	38	P	P	17 18 42.8 +0.1	MIAR	Mount Ida	84.98	44	P	P	17 18 58.2 +0.4
H41A	Junction City	78.51	35	P	P	17 18 23.6 -0.4	Q40A	Laux Farm, Aux	82.07	40	P	P	17 18 43.0 -0.1	MIAR	Mount Ida	84.98	44	eP	P	17 18 57.9 +0.2
RAYN	Ar Rayn	78.51	292	eP	P	17 18 24.4 -0.1	R39A	Chumby, Stover	82.19	41	P	P	17 18 43.4 -0.3	MIAR	Mount Ida	84.98	44	eP	P	17 18 57.9 +0.2
DAVA	Damuels	78.54	330	eP	P	17 18 25.1 +0.7	O43A	Sugar Creek Fa	82.23	38	P	P	17 18 43.5 -0.3	MIAR	Mount Ida	84.98	44	eP	P	17 18 57.9 +0.2
CBK5	Cedar Bluff	78.59	45	P	P	17 18 23.8 -0.8	WMOK	Wichita Mounta	82.24	47	P	P	17 18 44.3 +0.4	U43A	Rector	84.98	41	P	P	17 18 57.8 +0.1
F44A	Big Bay de Noc	78.64	33	P	P	17 18 24.3 -0.4	WMOK	Wichita Mounta	82.24	47	eP	P	17 18 43.2 -0.8	X301	Greenbrier Sit	84.98	43	eP	P	17 18 57.4 -0.3
O33A	Hebron	78.65	43	P	P	17 18 24.8 -0.2	WMOK	Wichita Mounta	82.24	47	eP	P	17 18 43.2 -0.8	V42A	Cord	84.99	42	P	P	17 18 57.5 -0.2
J39A	Decorah	78.70	37	P	P	17 18 24.9 -0.2	T37A	Cheneyville 18	82.26	43	P	P	17 18 44.1 0.0	WHAR	Woolly Hollow	84.99	43	eP	P	17 18 57.7 -0.1
I40A	Norwalk	78.71	36	P	P	17 18 24.6 -0.6	N44A	Piper City	82.30	37	P	P	17 18 43.6 -0.5	JCT	Junction City	85.02	50	P	P	17 18 58.2 +0.1
L37A	Phoenix Point,	78.79	39	P	P	17 18 25.3 -0.3	S38A	Stockton	82.33	42	P	P	17 18 43.8 -0.6	JCT	Junction City	85.02	50	eP	P	17 18 58.1 0.0
M36A	Felix, Anita	78.86	40	P	P	17 18 26.0 -0.1	P42A	Winchester	82.36	39	P	P	17 18 44.2 -0.3	JCT	Junction City	85.02	50	eP	P	17 18 58.0 0.0
I41A	Arkdale	78.88	36	P	P	17 18 25.7 -0.4	TRQ	Mont Tremblant	82.45	25	eP	P	17 18 44.2 -0.7	WHTX	Lake Whitney,	85.08	48	P	P	17 18 58.6 +0.3
N35A	Tabor	78.94	41	P	P	17 18 26.7 +0.2	U36A	Oologah	82.45	44	P	P	17 18 45.0 0.0	WHTX	Lake Whitney,	85.08	48	eP	P	17 18 58.9 +0.6
O34A	Beatrice	78.99	42	P	P	17 18 25.9 -0.9	Q41A	Truxton	82.48	40	P	P	17 18 45.3 +0.1	W41B	Gary Mavit, V	85.11	43	P	P	17 18 58.4 0.0
319A	Douglas	79.04	56	eP	P	17 18 28.0 +0.7	N45A	Kentland	82.51	36	P	P	17 18 45.1 -0.2	WCI	Wyandotte Cave	85.23	37	P	P	17 18 59.0 +0.1
J40A	Soldiers Grove	79.06	37	P	P	17 18 26.1 -1.0	R40A	Maries Statio	82.56	41	P	P	17 18 45.4 -0.2	R48A	Northridge Ran	85.26	37	P	P	17 18 59.2 +0.2
L38A	Oak Wood Farm,	79.13	39	P	P	17 18 26.9 -0.5	S39A	Bolivar	82.56	42	P	P	17 18 44.9 -0.6	N54A	Moraine State	85.34	31	P	P	17 18 59.8 -0.5
K39A	Delweim	79.14	38	P	P	17 18 26.4 -1.1	T38A	Diamond	82.63	43	P	P	17 18 45.9 0.0	T46A	Princeton	85.34	39	P	P	17 19 00.0 -0.4
SCIA	State Center	79.20	39	P	P	17 18 27.8 0.0	P43A	Skaggs, Pawnee	82.67	38	P	P	17 18 45.7 -0.4	S48A	Wiedeman Farm,	85.81	37	P	P	17 19 01.9 +0.1
SCIA	State Center	79.20	39	eP	P	17 18 27.6 -0.3	U37A	Salina	82.74	44	P	P	17 18 46.6 +0.1	T48A	Bowling Green	86.13	38	P	P	17 19 03.3 -0.1
F45A	CMU Biological	79.23	32	P	P	17 18 27.3 -0.6	Q42A	Golden Eagle	82.83	39	P	P	17 18 47.0 +0.1	U47A	Clarksville	86.31	39	P	P	17 19 04.1 -0.1
M37A	Trindie Farm,	79.23	40	P	P	17 18 27.9 -0.2	V36A	Jenks	82.83	45	P	P	17 18 47.4 +0.4	WWT	Waverly	86.33	39	P	P	17 19 04.5 +0.2
N36A	Muff Farm, Cla	79.29	41	P	P	17 18 28.4 0.0	V36A	Jenks	82.83	45	eP	P	17 18 47.0 +0.1	WWT	Waverly	86.33	39	eP	P	17 19 04.1 -0.2
H43A	Windswept, Lux	79.38	34	P	P	17 18 28.7 -0.1	W35A	Tecumseh	82.87	46	P	P	17 18 47.7 +0.5	WWT	Waverly	86.33	39	eP	P	17 19 04.1 -0.2
J41A	Loganville	79.39	36	P	P	17 18 28.4 -0.4	O45A	Potomac	82.93	37	P	P	17 18 47.2 -0.1	O56A	Blue Knob Stat	86.46	31	P	P	17 19 04.9 0.0
I42A	Draeger Farm,	79.41	35	P	P	17 18 28.7 -0.2	R41A	Road	82.96	40	P	P	17 18 47.4 -0.2	V46A	Holley	86.48	39	P	P	17 19 05.1 0.0
P34A	Walnut Farm, R	79.43	43	P	P	17 18 28.6 -0.5	S40A	Lebanon	83.01	41	P	P	17 18 47.6 -0.3	W45A	Hickory Valley	86.54	41	P	P	17 19 05.4 +0.1
K40A	Colesburg																			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDLR Sedlovina, GNL Ganaly, ASAJ Ashikawa, etc.

ICD 24 17:50:25.8, 20.0, 14.32S, 167.17E, h196km, 186km, mb3.3/5, mb1 3.4/5, mb1mx3.1/39, mbtmp3.7/5, Error ellipse: s-maj=86.5km s-min=61.2km az=136.0, Vanuatu Islands

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

DJA 24 18:00:37.0-1.0, 3'S, 123E, h31km, 14km, M3.6/9, mb3.9/2, Mlv3.5/9, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, SANI Sanana, APSI Ampana, etc.

NIED 24 18:02:00.37, 60N, 141.90E, h8km, Mw4.0, Best double couple: Mo 1.03000e+015 NP1.2e298.00000, B51.00000, 1.39.00000, NP2.3e56.00000, 680.00000, 1.134.00000

ISCJB 24 18:02:24.1, 5.3764N, 104.14198E, 0.04, h8km, 10km, mb3.9/19, Error ellipse: s-maj=6.5km s-min=5.0km az=152.4

ICD 24 18:02:23.0, 0.6, 37.65N, 141.86E, h0km, mb3.8/14, mb1 4.0/18, mb1mx3.9/44, mbtmp3.8/18, M3.9/3, Error ellipse: s-maj=18.7km s-min=14.7km az=120.0

NEIC 24 18:02:24.1, 0.5, 37.57N, 141.93E, h10km, mb4.1/4, Error ellipse: s-maj=12.3km s-min=8.2km az=133.0

JMA 24 18:02:24.3, 0.1, 37.62N, 141.90E, h22km, 2km, M4.3, ISC 24 18:02:23.5, 1.8, 37.63N, 141.91E, 0.06, h6km, 10km, n47, r=160/52, mb3.8/19, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JMM Maramori, JMO Ouri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 28.86 124 T, H11S3 WAKE ISLAND Hy 28.86 125 T, H11S2 WAKE ISLAND Hy 28.87 124 T, etc.

DJA 24 18:03:44.3, 0.5, 9'S, 118E, h118km, 5km, M3.6/8, Mlv3.6/8, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLA1 Plampang, WBSI Waikabubak, Su, WSI Waingapu, etc.

NEIC 24 18:21:02.6, 0.5, 30.32N, 103.38W, h5km, MN3.6, Error ellipse: s-maj=6.7km s-min=5.3km az=169.0, Western Texas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TX31 Lajitas Ar. Si, CLNB Carlsbad, MNTX Cornudas Mount, etc.

SOME 24 18:22:10.7, 43.63N, 82.83E, h5km, ICD 24 18:22:12.8, 0.9, 43.69N, 82.44E, h0km, mb3.4/4, mb1 3.6/8, mb1mx3.3/51, mbtmp3.4/8, M3.0/4, Error ellipse: s-maj=20.9km s-min=11.3km az=84.0

BUJ 24 18:22:12.2, 43.59N, 82.98E, h6km, mb3.9/3, M3.3/7/1, NNC 24 18:22:16.2, 2.6, 43.79N, 82.78E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=27.1km s-min=8.7km az=129.0

ISC 24 18:22:14.1, 0.7, 43.35N, 82.86E, 0.04, h10km, n33, 2812/47, mb3.5/7, C-13D, Northern Xinjiang

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

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

ICD 24 18:30:38.1, 3.4, 14.38N, 91.95W, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.7/36, mbtmp3.7/6, M3.3/2, Error ellipse: s-maj=11.2km s-min=4.4km az=36.0

MEX 24 18:30:50.6, 13.85N, 92.48W, h82km, 22km, MD3.9, ICD 24 18:30:44.3, 1.7, 14.1N, 0.1, 92.48W, 0.1, h54km, n10, r=168/14, mb4.0/4, Near coast of Chiapas

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

ICD 24 18:30:38.1, 3.4, 14.38N, 91.95W, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.7/36, mbtmp3.7/6, M3.3/2, Error ellipse: s-maj=11.2km s-min=4.4km az=36.0

MEX 24 18:30:50.6, 13.85N, 92.48W, h82km, 22km, MD3.9, ICD 24 18:30:44.3, 1.7, 14.1N, 0.1, 92.48W, 0.1, h54km, n10, r=168/14, mb4.0/4, Near coast of Chiapas

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

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like COLA, MDM, ILAR, ILB, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like LJV, LEO, LEM, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like VTS, VOK, KBA, etc.

TIP		eS	Sn	21 42 29.1 +0.3
TIP	Timpagrande	457 303 ePn	Pn	21 41 37.9 +1.8
TIP		eS	Pn	21 42 29.1 +0.3
SRS	Serrai	4.59 18 P	Pn	21 41 36.9 +0.7
SRS	Serrai	4.59 18 P	Pn	21 41 37.8 +1.6
SRS	Serrai	4.59 18 P	Pn	21 41 37.9 +1.6
VAY	Valandovo	4.59 8 ePn	Pn	21 41 38.3 +2.0
KRUS	Krusevo	4.60 356 i Pn	Pn	21 41 37.9 +1.4
KAVA	Kavala	4.76 27 P	Pn	21 41 38.4 -0.2
KAVA	Kavala	4.76 27 P	Pn	21 41 38.4 -0.2
SMTH	Samothraki Isl	4.76 38 P	Pn	21 41 36.4 -2.3
TIR	Tirane	4.78 343 i Pn	Sn	21 41 37.9 +1.6
TIR	Tirane	4.78 343 ePn	Sn	21 41 39.8 +0.9
TIR	Tirane	eS	Sn	21 42 35.9 +2.1
TIR	Tirane	eS	Sn	21 41 39.8 +0.9
TIR		eS	Sn	21 42 35.9 +2.1
BAYC	CANAKKALE Bayr	4.84 51 i P	Pn	21 41 37.9 +1.8
BAYC	CANAKKALE Bayr	4.84 51 P	Pn	21 41 37.9 -1.8
NVR	Neurokopi	4.88 20 P	Pn	21 41 40.7 +0.5
NVR	Neurokopi	4.88 20 P	Pn	21 41 41.9 +1.7
NVR	Neurokopi	4.88 20 P	Pn	21 41 41.9 +1.7
NMB	Musomiste	5.07 18 eP	Pn	21 41 43.8 +1.0
SKO	Skojpe	5.20 358 ePn	Pn	21 41 46.5 +1.9
KKB	Krupnik	5.20 12 eP	Pn	21 41 45.8 +1.1
FASA	Fasano	5.27 321 ePn	Pn	21 41 46.6 +1.0
RDO	Rodhapi	5.30 33 P	Pn	21 41 44.0 -1.9
ALN	Alexandroupoli	5.34 38 P	Pn	21 41 44.8 -1.8
STEP	BALIKESIR Sava	5.42 60 i P	Pn	21 41 50.3 +2.5
STEP	BALIKESIR Sava	5.42 60 P	Pn	21 41 50.3 +2.5
RZN	Roizen	5.44 25 eP	Pn	21 41 49.5 +1.3
BALY	Balya	5.53 56 i P	Pn	21 41 45.8 -3.5
CUC	Castrocucco	5.62 307 ePn	Pn	21 41 53.3 +2.8
CUC	Castrocucco	5.62 307 eP	Sn	21 42 49.6 -5.0
CUC	Castrocucco	5.62 307 eP	Sn	21 41 53.3 +2.8
SG1	Sgolgore (BA)	5.64 318 ePn	Pn	21 41 52.7 +2.0
KDZ	Kurdzhail	5.67 30 P	Pn	21 41 51.3 +0.2
BAI	Bari	5.72 334 ePn	Pn	21 41 52.3 +1.4
DRME	Dravecica, Mon	5.74 341 ePn	Pn	21 41 52.5 +0.4
PLD	Plovdiv	5.82 23 eP	Pn	21 41 53.1 0.0
VAS	Valguarnera	5.85 279 Pn	Pn	21 41 58.9 +5.3
VAE		comp=N,2.5nm,0.3s,baz=348,slow=5.5,SNR=7.1	Sn	21 43 02.4 +2.0
VTS	Vitoshka	5.93 11 i P	Pb	21 42 03.6 -7.1
PDG	Podgorica	5.95 342 i P	Pn	21 43 02.4 +0.2
PDG	Podgorica	5.95 342 ePn	Pn	21 41 54.2 -0.8
DEM	Demirci	6.06 66 i P	Pn	21 41 55.9 +0.1
DEM	Demirci	6.06 66 P	Pn	21 41 55.9 +0.1
HCY	Herceg Novi	6.18 338 ePn	Pn	21 41 57.3 -0.8
TREB	Trebjine	6.47 338 ePn	Pn	21 42 01.4 -0.7
STON	Ston	6.82 335 ePn	Pn	21 42 06.1 -0.8
STON	Ston	6.82 335 Sn	Pn	21 43 19.1 -4.8
STON	Ston	6.82 335 ePn	Pn	21 42 06.0 -0.8
BOVS	Bovan	6.86 0 ePn	Pn	21 42 07.6 +0.2
IVAS	Ivanjica	6.90 351 ePn	Pn	21 42 07.3 -0.7
ZAGS	Zajecar	7.04 31 i Pn	Pn	21 42 10.2 +0.2
BBLs	Lazići	7.30 347 ePn	Pn	21 42 12.3 -1.2
DIVS	Divibare	7.43 351 ePn	Pn	21 42 14.5 -0.8
TRUS	Trudelj	7.47 353 i Pn	Pn	21 42 14.0 -1.0
KUBS	Kucevo	7.63 360 ePn	Pn	21 42 17.0 -1.0
TEKS	Tekeris	7.94 349 i Pn	Pn	21 42 21.4 -0.9
MDVR	Moldovita	8.00 0 i Pn	Pn	21 42 22.6 -0.5
MDVR	Moldovita	8.00 0 i Pn	Pn	21 42 22.6 -0.5
HERR	Herculane	8.12 14 i Pn	Pn	21 42 24.0 -0.7
FGSL	Frusko Gora	8.50 351 i Pn	Pn	21 42 28.7 -1.2
BLY	Banja Luka	8.67 338 ePn	Pn	21 42 33.3 +1.1
BZS	Buzias	8.84 360 i P	Pn	21 42 37.8 +3.3
BZS	Buzias	8.84 360 i P	Pn	21 42 37.8 +3.3
ARR	Arges	8.87 14 i Pn	Pn	21 42 36.3 +1.2
ARR	Arges	8.87 14 i Pn	Pn	21 42 36.3 +1.2
VOIR	Voiron	9.02 15 i Pn	Pn	21 42 40.3 +3.2
VOIR	Voiron	9.02 15 i Pn	Pn	21 42 40.3 +3.2
MLR	Muntele Rosu	9.28 19 Pn	Pn	21 42 41.6 +0.8
MLR	Muntele Rosu	9.28 19 Pn	LR	21 46 55.3
MLR	Muntele Rosu	9.28 19 i Pn	Pn	21 42 41.0 +0.2
MLR	Muntele Rosu	9.28 19 i Pn	Pn	21 42 41.0 +0.2
SIRR	Siria	9.49 360 i Pn	Pn	21 42 39.6 -3.9
DOPR	Dopca	9.50 16 i Pn	Pn	21 42 41.1 +0.6
PLOR	Plostina	9.81 21 i Pn	Pn	21 42 56.1 +8.2
VRI	Vrincioia	9.84 21 i Pn	Pn	21 42 46.0 -2.3
BRTR	Keşkin Array B	9.85 69 Pn	Pn	21 42 51.0 +2.3
BRTR	Keşkin Array B	9.85 69 Pn	Pn	21 42 51.0 +2.3
OZLI	Ozalj	10.00 334 ePn	Pn	21 42 51.7 +1.2
OZLI	Ozalj	10.00 334 ePn	Pn	21 42 51.6 +1.2
KEST	Kesra	10.02 268 Sn	Sn	21 44 39.4 -3.5
DRPG	Vranovo	10.04 41 i Pn	Pn	21 42 53.4 +2.3
DRGR	Vranovo	10.04 41 i Pn	Pn	21 42 53.4 +2.3
CEY	Cerknica	10.49 331 ePn	Pn	21 42 56.5 -0.7
SOKA	Soboth	11.07 335 Pn	Pn	21 43 05.6 +0.4
SOKA	Soboth	11.07 335 ePn	Pn	21 43 05.6 +0.4
OBKA	Obir	11.09 334 Pn	Pn	21 43 06.3 +0.8
OBKA	Obir	11.09 334 ePn	Pn	21 43 06.3 +0.8
MMAI	Mount Meron Ar	11.87 104 Pn	Pn	21 43 15.6 -0.6
MMAI	Mount Meron Ar	11.87 104 Pn	Sn	21 45 17.3 -1.1
MOA	Molin	12.35 336 Pn	Pn	21 43 24.7 +2.1
MOA	Molin	12.35 336 ePn	Pn	21 43 24.7 +2.1
VRAC	12.40 345 LR	LR	21 49 49.8	
EIL	Elat	13.16 119 Sn	Sn	21 45 58.1 -1.6
DAVOX	Davos/Dischmat	13.31 322 Sn	Sn	21 45 58.5 -5.0
DAVOX	Davos/Dischmat	13.31 322 Sn	Sn	21 45 58.5 -5.0
ASF	Jabal al Asfar	13.36 106 Pn	Pn	21 45 55.9 -8.8
GERES	GERESS Array B	13.40 337 Pn	Pn	21 43 36.3 -0.8
GERES	GERESS Array B	13.40 337 Pn	Sn	21 46 00.6 -5.0
KHC	Kasperske Hory	13.69 337 eP	Pn	21 43 42.7 +1.7
KHC	Kasperske Hory	13.69 337 eP	X	21 43 51.8
AKASG	Malin Array Be	14.94 19 Pn	Pn	21 43 52.2 -5.7
CLL	Collim	15.80 340 eP	Pn	21 44 10.0 +0.9
CLL	Collim	15.80 340 eP	P	21 44 14.0 +1.1
KBZ	Khabaz	17.60 60 P	Pn	21 44 33.2 +0.4
KBZ	Khabaz	17.60 60 P	LR	21 52 29.5
GNI	Garni	18.36 172 LR	LR	21 52 15.8
ESDC	Seoneca Array	20.34 286 P	Pn	21 45 03.9 +0.8
MDT	Midelt	21.93 267 P	P	21 45 21.2 +0.8
HFS	Hagfors	22.40 350 P	P	21 45 39.0 -1.5
FINES	FINESS Array B	24.85 5 P	P	21 45 48.1 -0.7
FINES	FINESS Array B	24.85 5 P	LR	21 56 31.5
EKA	Eskdalemuir Ar	25.11 326 P	Pn	21 45 51.4 +0.1
NB2	NORSAR Subarra	25.18 348 P	P	21 45 51.4 -0.5
NOA	NORSAR Array B	25.18 348 P	Pn	21 45 51.5 -0.5
NOA	NORSAR Array B	25.18 348 P	LR	21 56 50.4
GEAT	Geopline	28.87 77 P	P	21 46 24.7 -0.7
TORD	Torodi Ar, Bea	29.57 222 P	P	21 46 32.7 +1.1
ABKAR	Abkutak array	30.30 54 eP	P	21 46 36.4 -1.4
ARU	Arti	31.52 40 P	P	21 46 46.9 -1.7
ARCS	ARCES Array B	32.89 2 eP	P	21 46 59.7 -0.6
DBIC	Dimbokro	38.53 225 P	P	21 47 50.4 +1.1

AAK	Ala-Archa	40.50 65 P	P	21 48 05.6 -0.1
KURBB	Kurchatov Ar	42.34 52 P	P	21 48 19.4 -1.1
KURK	Kurchatov Ar	42.34 52 P	P	21 48 19.4 -1.1
MKAR	Makanchi Array	45.26 57 P	P	21 48 42.6 -1.5
ZALV	Zalesovo Beam	45.95 47 P	P	21 48 47.9 -1.5
SOMN	Somno Array	60.64 50 P	P	21 50 36.6 -1.0
CMAR	Chiang Mai Arr	69.17 82 P	P	21 51 33.0 -0.4
KLR	Kul San Array	74.36 140 P	P	21 52 03.9 -0.3
YKA	Yellowknife Ar	75.02 341 P	P	21 52 08.2 +0.5
ILAR	Eielson Array	78.39 355 P	P	21 52 27.5 +0.7
KSAR	Wonju Array Be	79.48 51 P	P	21 52 34.1 +0.9
KSRS	Korea Array	79.50 51 P	P	21 52 34.1 +0.8
TGY	Tagaytay City	86.91 73 LR	LR	22 39 05.8

MOS 24 21:45:20.7,3.8, 19:50N:70:10W, h33km, mb4.9/32, Error ellipse: s-maj=11.2km s-min=9.1km az=48.6
 IDC 24 21:45:20.7,0.4, 19:55N:70:13W, h0km, mb4.5/31, mb1 4.6/33, mb1mx4.6/46, mbtmp4.5/33, ML4.4/2, MS3.6/20, Ms1 3.6/20, ms1mx3.5/41, Error ellipse: s-maj=12.0km s-min=10.5km az=62.0, ISCJBJ 24 21:45:23.0, 1.19, 52N:0:02:70:06W, 0:02 h24km, mb4.6/152, MS3.6/20, Error ellipse: s-maj=2.72km s-min=1.9km az=35.4
 JSN 24 21:45:23.0, 1.1, 20:96N:70:08W, h50km
 NEIC 24 21:45:25.7, 1.0, 19:54N:70:05W, h30km, 8km, mb4.6/111, Error ellipse: s-maj=4.3km s-min=2.8km az=215.0
 NEIC Felt (V) at Moca and Santiago, (I) at Santo Domingo. Felt widely in northern Dominican Republic. Also felt at Azua and Higüey. Felt at Mayaguez, Puerto Rico.
 ISC 24 21:45:24.7, 0.3, 19:56N:0:03:70:09W, 0:03, h24km, m596, f=1505/605, mb4.7/152, MS3.7/20, 29C-16D, Dominican Republic region

Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res
SDD	Santo Domingo	1.11	171	Op	Pn	ISC	21 45 44.2	-0.5
BANI	BANI	1.19	192	ePn	Pn	ISC	21 45 46.4	+0.5
SDDR	Presha de Saban	1.27	243	eP	Pn	ISC	21 45 46.8	-0.1
GRTK	Grand Turk	2.17	333	ePn	Pn	ISC	21 45 58.2	-1.2
AGR	Aguadilla	3.02	112	ePn	Pn	ISC	21 46 09.6	-1.4
MPR	Mayaguez	3.10	115	ePn	Pn	ISC	21 46 12.8	+0.7
SJG	San Juan	4.00	110	ePn	Pn	ISC	21 46 24.1	-0.4
SJG	72nm, 0.3s, baz=307, slow=10, SNR=3.3				Sn		21 47 09.0	-1.7
SJG	comp=Z, 322nm, 18.8s, baz=50, slow=10				LR		21 47 21.4	
SJG	San Juan	4.00	110	eP	Pn		21 46 23.9	-0.6
SJG	San Juan	4.00	110	eP	Pn		21 46 23.9	-0.6
SJG	San Juan	4.00	110	eP	Sb		21 47 24.8	+2.3
CYB	Caroanias	4.21	107	ePn	Pn		21 46 25.6	-0.9
CDVI	Col San Antoni	4.26	109	ePn	Pn		21 46 25.9	+1.0
MTB	Monte Pirata	4.54	108	ePn	Pn		21 46 31.3	-0.6
GTBY	Guantanamo Bay	4.74	275	ePn	Pn		21 46 32.7	-2.0
STVI	Saint Thomas	5.01	103	ePn	Pn		21 47 26.6	-2.4
CDVI	St. Croix	5.36	109	ePn	Pn		21 46 37.5	+0.9
CMJ	Castle Mountai	6.12	238	i P	Pn		21 46 55.9	+2.2
STH	Stony Hill	6.53	258	i P	Pn		21 47 00.3	+1.0
SMRT	St. Maarten	6.81	102	ePn	Pn		21 47 02.4	-0.8
BBJ	Bamboo Saint A	6.89	261	i P	Pn		21 47 04.5	+0.2
MTDJ	Mount Denham	7.17	261	ePn	Pn		21 47 08.6	+0.4
MTDJ	Mount Denham	7.17	261	ePn	Pn		21 47 09.9	+0.9
SKJ	Saint Kitts	7.32	106	eP	Pn		21 47 10.2	0.0
SKJ	Saint Kitts	7.32	106	ePn	Pn		21 47 10.2	0.0
MCI	Malvern	7.38	258	i P	Pn		21 47 13.2	+2.2
MCI	Malvern	7.38	258	i P	S		21 48 34.3	+0.2
URJC	Uribia, Colomb	8.03	193	eP	Sn		21 48 47.6	-2.3
ANWB	Antwerp	8.10	102	ePn	Pn		21 47 19.5	+1.6
LDGS	Morre Mazeau,	8.57	111	ePn	Pn		21 47 27.6	+0.2
LGH	Guadaloupe-1	8.62	112	eP	Pn		21 47 28.8	+0.9
MLG	Mont-d'or	8.71	112	eP	Pn		21 47 30.1	+0.9
H05N1	Guadeloupe/Mar	8.18	109	eP	Pn		21 47 34.7	-1.0
H05N1	Guadeloupe/Mar	8.18	109	eP	Pn		21 47 34.7	-1.0
H05N1	Trois Ilets	9.98	119	ePn	Sn		21 47 51.3	-3.1
LPMF	Morne Lapointe	10.03	118	eP	Pn		21 47 50.0	+3.3
MVM	Montagne Vaucl	10.10	118	eP	Pn		21 47 50.1	+2.7
H05S1	Guadeloupe/Mar	10.22	119	Pn	Pn		21 47 41.6	-6.8
H05S1	Guadeloupe/Mar	10.22	119	Pn	Sn		21 47 50.8	+0.9
H05S1	Guadeloupe/Mar	10.22	119	Pn	Sn		21 49 46.1	+2.3
SVB	Belmont	10.53	125	ePn	Pn		21 47 56.7	+2.4
PCRV	Puerto La Cruz	10.71	150	Pn	Pn		21 47 57.2	+0.5
PCRV	Puerto La Cruz	10.71	150	Pn				

24d 21h

WHAR	Woolly Hollow	25.09 313	eP	P	21 50 48.2 +0.7
Y40A	Okolona	25.13 310	P	P	21 50 48.6 +0.7
X301	Greentier Sit	25.14 313	eP	P	21 50 48.8 +0.9
NATX	Nacogdoches	25.19 304	P	P	21 50 48.7 +0.2
NATX	Nacogdoches	25.19 304	eP	P	21 50 49.8 +1.3
V41A	Mountainview	25.27 314	P	P	21 50 49.3 +0.2
Q44A	Meyer Farm, Va	25.29 324	P	P	21 50 49.4 +0.1
T42A	Van Buren	25.30 318	P	P	21 50 49.8 +0.4
R43A	Red Bud	25.39 321	P	P	21 50 50.5 +0.4
AAM	Ann Arbor	25.41 336	P	P	21 50 50.5 +0.1
AAM	Ann Arbor	25.41 336	eP	P	21 50 51.3 +1.0
AAM	Ann Arbor	25.41 336	eP	P	21 50 51.3 +1.0
AAM	Ann Arbor	25.41 336	eP	P	21 50 51.3 +1.0
U41A	Viola	25.43 316	P	P	21 50 51.0 +0.5
P44A	Sand Creek, Wi	25.47 325	P	P	21 50 51.4 +0.5
FVM	French Village	25.49 320	eP	P	21 50 53.3 +2.2
W40A	Ferguson Farm,	25.58 312	P	P	21 50 52.7 +0.8
MIAR	Mount Ida	25.61 310	P	P	21 50 52.3 +0.1
MIAR	Mount Ida	25.61 310	eP	P	21 50 52.6 +0.4
MIAR	Mount Ida	25.61 310	eP	P	21 50 52.6 +0.4
MIAR	Mount Ida	25.61 310	eP	P	21 50 52.6 +0.4
Q43A	New Douglas	25.70 323	P	P	21 50 53.0 0.0
V40A	Witts Springs	25.73 314	P	P	21 50 53.6 +0.2
T41A	Mountain View	25.74 317	P	P	21 50 53.8 +0.5
138A	Matatal Enter	25.88 305	P	P	21 50 54.6 -0.1
O44A	Mansfield	25.88 326	P	P	21 50 54.5 -0.1
R42A	Luebbering	25.90 320	P	P	21 50 54.8 0.0
CCM	Cathedral Cave	26.03 320	P	P	21 50 55.9 -0.1
CCM	Cathedral Cave	26.03 320	eP	P	21 50 56.1 +0.1
CCM	Cathedral Cave	26.03 320	eP	P	21 50 56.1 +0.1
CCM	Cathedral Cave	26.03 320	eP	P	21 50 56.1 +0.1
S41A	Jilco Farms,	26.05 318	P	P	21 50 56.5 +0.3
U40A	Yellville	26.05 315	P	P	21 50 56.4 +0.1
W39A	Magazine	26.08 312	P	P	21 50 56.9 +0.4
P43A	Skaggs, Pawnee	26.08 324	P	P	21 50 56.6 +0.1
Q42A	Golden Eagle	26.16 322	P	P	21 50 57.4 +0.3
N44A	Piper City	26.19 328	P	P	21 50 57.9 +0.5
SADO	Sadowa	26.24 345	P	P	21 50 58.2 +0.4
SADO	Sadowa	26.24 345	P	P	21 50 58.2 +0.4
R41A	Rosebud	26.27 320	P	P	21 50 57.8 -0.3
T40A	Mansfield	26.29 316	P	P	21 50 58.8 +0.5
V39A	Pettigrew	26.31 313	P	P	21 50 59.2 +0.5
U39A	Green Forest	26.49 314	P	P	21 51 00.3 +0.1
P42A	Winchester	26.50 323	P	P	21 51 00.0 -0.2
S40A	Lebanon	26.54 317	P	P	21 51 00.6 0.0
W38A	Poteau	26.54 311	P	P	21 51 01.1 +0.4
X38A	Whitesboro	26.57 310	P	P	21 51 01.2 +0.3
M44A	Midewin, Midew	26.59 329	P	P	21 51 00.8 -0.2
Q41A	Truxton	26.60 321	P	P	21 51 01.0 -0.1
HHAR	Hobbs	26.75 313	eP	P	21 51 03.4 +0.8
T39A	Clever	26.78 315	P	P	21 51 02.9 +0.1
R40A	Maddies Statio	26.81 319	P	P	21 51 02.6 -0.4
V38A	Canehill	26.86 312	P	P	21 51 03.5 -0.1
X37A	Clayton	26.93 309	P	P	21 51 04.5 +0.4
P41A	Barry, Barry	26.97 322	P	P	21 51 04.3 -0.2
TLIG	Tapla	27.06 270	eP	P	21 51 07.6 +2.0
M43A	Waltham Townsh	27.08 328	P	P	21 51 05.8 +0.4
S39A	Bolivar	27.12 317	P	P	21 51 06.0 +0.2
Q40A	Laux Farm, Aux	27.13 320	P	P	21 51 05.7 -0.2
U38A	Gravette	27.14 313	P	P	21 51 06.1 0.0
O41A	Passleys Farm,	27.17 323	P	P	21 51 05.8 -0.5
435B	Jarrell	27.20 300	P	P	21 51 06.3 -0.4
R39A	Chumby, Stover	27.30 318	P	P	21 51 07.3 -0.2
V37A	Hulbert	27.38 312	P	P	21 51 08.0 -0.2
T38A	Diamond	27.39 315	P	P	21 51 08.1 -0.3
P40A	Paris	27.45 321	P	P	21 51 08.3 -0.5
S38A	Stockton	27.47 316	P	P	21 51 08.8 -0.1
L43A	Garden Prairie	27.54 329	P	P	21 51 09.7 +0.2
X36A	Centrahoma	27.65 308	P	P	21 51 10.3 -0.3
Q39A	Willow Grove F	27.71 319	P	P	21 51 11.3 +0.2
R38A	Fenwick Farm,	27.78 317	P	P	21 51 11.4 -0.4
TUL1	Leonard	27.86 311	P	P	21 51 12.7 +0.2
T37A	Cheneyville 18	27.86 314	P	P	21 51 12.6 +0.1
Y35A	Marietta	27.88 306	P	P	21 51 12.7 0.0
V36A	Jenks	27.90 311	P	P	21 51 13.2 +0.3
Q38A	Cooks Store, C	28.05 319	P	P	21 51 14.0 -0.2
S37A	Fort Scott	28.14 315	P	P	21 51 14.8 -0.2
K42A	Prairie Point,	28.28 329	P	P	21 51 15.4 -0.7
W35A	Tecumseh	28.29 309	P	P	21 51 16.2 -0.2
J43A	Natural Harves	28.30 331	P	P	21 51 15.2 -1.1
P38A	Dawn	28.40 320	P	P	21 51 16.5 -0.8
R37A	Teagarden Farm	28.45 316	P	P	21 51 17.3 -0.5
S36A	Lake Cedric, C	28.64 315	P	P	21 51 18.7 -0.7
L40A	Anamosa	28.70 326	P	P	21 51 19.2 -0.7
U35A	Pawnee	28.74 311	P	P	21 51 19.8 -0.6
M39A	Webster	28.81 324	P	P	21 51 19.8 -1.2

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JFWS	Jewell Farm	28.82 328	P	P	21 51 20.5 -0.4
JFWS	Jewell Farm	28.82 328	eP	P	21 51 20.6 -0.4
JFWS	Jewell Farm	28.82 328	eP	P	21 51 20.6 -0.4
T35A	Soons Cattle	28.85 312	P	P	21 51 21.4 +0.1
R36A	Gooden, Harris	28.90 316	P	P	21 51 21.3 -0.4
I42A	Draeger Farm,	28.93 331	P	P	21 51 21.4 -0.5
N38A	Joos South For	28.96 322	P	P	21 51 21.2 -1.0
F45A	CMU Biological	29.00 337	P	P	21 51 21.2 -1.3
J41A	Loganville	29.04 329	P	P	21 51 22.3 -0.7
S35A	Otter Creek Ra	29.11 314	P	P	21 51 23.1 -0.5
K40A	Colesburg	29.11 327	P	P	21 51 23.1 -0.4
L39A	Vinton	29.16 325	P	P	21 51 23.2 -0.8
Q36A	Arnold C. Orve	29.23 317	P	P	21 51 23.7 -1.0
H42A	Shiocton	29.24 332	P	P	21 51 25.0 +0.3
T34A	McClaskey Farm	29.38 312	P	P	21 51 26.0 0.0
J40A	Soldiers Grove	29.42 328	P	P	21 51 25.7 -0.6
ABTX	Abielne, Hawle	29.45 302	P	P	21 51 26.6 -0.1
G43A	Wallace	29.48 334	P	P	21 51 26.9 -0.8
K39A	Oelwein	29.50 326	P	P	21 51 25.9 -1.1
WMOK	Wichita Mounta	29.54 307	P	P	21 51 27.0 -0.4
WMOK	Wichita Mounta	29.54 307	eP	P	21 51 26.9 -0.6
WMOK	Wichita Mounta	29.54 307	eP	P	21 51 26.9 -0.6
WMOK	Wichita Mounta	29.54 307	eP	P	21 51 26.9 -0.6
Q35A	Mercer Eighty,	29.54 316	P	P	21 51 26.6 -0.8
SCIA	Star Center	29.68 324	P	P	21 51 28.1 -0.5
G42A	Mountain	29.78 333	P	P	21 51 29.1 -0.4
H41A	Junction City	29.82 331	P	P	21 51 29.6 -0.3
J39A	Decorah	29.86 327	P	P	21 51 30.1 -0.1
P35A	Duane Minner,	29.90 317	P	P	21 51 30.2 -0.5
N36A	Muff Farm, Cla	30.00 320	P	P	21 51 31.0 -0.5
R34A	Isabella, Hill	30.05 314	P	P	21 51 31.9 -0.1
I39A	Madison	30.14 328	P	P	21 51 32.6 0.0
H40A	Chili	30.17 330	P	P	21 51 32.4 -0.5
P34A	Walnut Farm, R	30.43 317	P	P	21 51 34.3 -1.0
F41A	Three Lakes	30.46 333	P	P	21 51 35.2 -0.3
K37A	Belmond	30.48 325	P	P	21 51 35.1 -0.7
G40A	Rib Lake	30.57 331	P	P	21 51 36.2 -0.3
H39A	Augusta	30.63 330	P	P	21 51 36.5 -0.9
I38A	Scanlan Farm,	30.68 328	P	P	21 51 36.6 -0.9
J37A	Redenius Farm,	30.80 325	P	P	21 51 38.2 -0.3
M35A	Nola	30.83 321	P	P	21 51 38.6 -0.3
G39A	Holcombe	31.03 330	P	P	21 51 40.3 -0.2
H38A	Melan Rock	31.11 329	P	P	21 51 40.7 -0.5
I37A	Lemond, Waseca	31.21 327	P	P	21 51 41.2 -0.9
J36A	Seneca 1, Swea	31.24 325	P	P	21 51 41.7 -0.7
G38A	Ridgeland	31.27 330	P	P	21 51 42.5 -0.1
D41A	Chassel	31.31 335	P	P	21 51 42.8 -0.2
K35A	Storm Lake	31.34 323	P	P	21 51 42.9 -0.4
E40A	Wakefield	31.36 333	P	P	21 51 43.2 -0.2
H37A	Dier Farm, C	31.36 328	P	P	21 51 43.0 -0.4
F39A	Loretta	31.39 332	P	P	21 51 43.8 +0.1
E39A	Melton	31.59 332	P	P	21 51 45.4 -0.1
SPMN	Marine on St.	31.77 329	P	P	21 51 46.9 0.0
AMTX	Amarillo	31.80 305	P	P	21 51 47.0 -0.6
AMTX	Amarillo	31.80 305	eP	P	21 51 47.6 0.0
F38A	Pierce - Schro	31.86 331	P	P	21 51 47.4 -0.4
H36A	Jessenland, He	31.87 327	P	P	21 51 47.8 -0.2
I35A	Creekview Farm	31.94 325	P	P	21 51 48.0 -0.5
TXAR	Lajitas Farm	31.98 294	P	P	21 51 49.9 +0.7
TXAR	Lajitas Farm	31.98 294	P	P	21 54 39.8 +0.8
TXAR	Lajitas Farm	31.98 294	P	P	21 54 39.8 +0.8
TXAR	Lajitas Farm	31.98 294	P	P	21 54 39.8 +0.8
TX31	Lajitas Ar. Si	31.98 294	P	P	22 07 58.0
CBKS	Cedar Bluff	32.00 313	P	P	21 51 49.4 +0.2
CBKS	Cedar Bluff	32.00 313	eP	P	21 51 49.3 +0.1
CBKS	Cedar Bluff	32.00 313	eP	P	21 51 49.3 +0.1
NNA	Nana	32.05 193	P	P	21 51 49.7 0.0
NNA	Nana	32.05 193	P	P	21 51 49.7 0.0
NNA	Nana	32.05 193	P	P	21 51 50.6 +0.8
E38A	The Farm, Brul	32.21 332	P	P	21 51 50.3 -0.5
MSTX	Muleshoe	32.36 303	P	P	21 51 52.0 -0.5
H35A	Sunnyside Ranc	32.42 326	P	P	21 51 51.9 -0.8
C39A	Grand Marais	32.55 335	P	P	21 51 53.4 -0.4
F36A	Milaca	32.58 329	P	P	21 51 52.9 -1.1
ECSD	EROS Data Cent	32.77 323	P	P	21 51 55.0 -0.8
ECSD	EROS Data Cent	32.77 323	eP	P	21 51 55.6 -0.2
H34A	Spellman Lake,	32.91 325	P	P	21 51 56.1 -0.9
E36A	McGregor	32.92 330	P	P	21 51 56.6 -0.5
C38A	Sawbill Land.	32.94 333	P	P	21 51 56.3 -1.0
D37A	Cotton	33.02 332	P	P	21 51 57.8 -0.1
F35A	Switz	33.09 328	P	P	21 51 58.6 0.0
EYMN	Ely	33.21 333	P	P	21 51 59.4 -0.3
C37A	Embrass	33.34 332	P	P	21 52 00.6 -0.2
K31A	O'Neill	33.36 320	P	P	21 52 00.5 -0.5
D36A	Goodland</				

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like PSUT Pine Spring, YBU Big Grassy Mtn, and many others.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like INK Inuvik, JMCJ Jan Mayen, KOWA Kowa, and many others.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like SORM Soroca, SORM Soroca, CFR Caraliu, and many others.

SJA 24 21:47:10.1d.0.7.31795:6833W,h7km2km,ML3.6, MW3.5, San Juan Province

Table with columns: Code, Station Name, Frequency, Class, Power, Phase ID, Time, and Res. Includes stations like Cerro Valdivia, San Juan, Cerro Villon, and many others.

MEX 24 21:51:19.6d.0.8.1723N:9448W,h141km13km,MD3.8, Chiapas

Table with columns: Code, Station Name, Frequency, Class, Power, Phase ID, Time, and Res. Includes stations like TGIG, TGIG, PCIG, and many others.

Additional technical information and coordinates: IDC 24 21:51:32.4z.0.0;46N:125.64E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3/3.50, mbtm3.5/3, Error ellipse: s-maj=186.1km s-min=25.9km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KMSI Cibinong, LBMI Labuha, SANI Sanana, LUWI Luwuk, MRSI Marisa, AFSI Ampana, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 24 21:52:31.71.1.2, 35:29N; 141:00E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/62, mbtmp3.7/9, ML3.7/1, MS3.4/11, Ms1 3.5/11, ms1mx3.4/43, Error ellipse: s-maj=29.9km s-min=25.2km az=120.0

ISCJB 24 21:52:34.1.0.7, 35:46N; 141:141E, h0km, h25km, mb3.6/8, MS3.5/7, Error ellipse: s-maj=8.1km s-min=5.9km az=3.3

JMA 24 21:52:36.9.0.1, 35:50N; 141:09E, h34km, km, M3.3

ISC 24 21:52:36.0.0.8, 35:50N; 141:17E, h0km, h25km, n34, o135/25, mb3.7/8, MS3.6/7, 1C-2D, Near east coast of eastern Honshu

Main table for 24 22h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CHOJ Chosi, BS04 Boso 4, BS01 Boso 1, BS03 Boso 3, JYT Yasato, JHO Hitachi, JAG Ashikaga, JOD Odawara 2, MJAR Matushiro Arr, MJAR Matushiro, MJAT Matushiro, MJH Hachijo jima 2, ASAJ Asahikawa, KSR5 Korea Array, USR3 Ussuriysk Arr, KLR Kul'dur, PETK Petropavlovsk, H112 WAKE ISLAND Hy, H111 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H114 WAKE ISLAND Hy, H115 WAKE ISLAND Hy, H116 WAKE ISLAND Hy, SEY Seymchan, SONM Songoing Array, SONM Chiang Mai Arr, ZALV Zalesovo Beam, BRDH Bariadhala, MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, YKA Yellowknife Arr, FINES FINESS Array B, NOA NORARS Array B, KEST Kesra.

IDC 24 21:53:09.4.2.4, 49:31S; 123:98E, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.5/23, mbtmp3.8/2, Error ellipse: s-maj=142.0km s-min=77.5km az=118.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include STKA Stephens Creek, ASAR Alice Springs, YKA Yellowknife Arr.

NIED 24 21:59:00, 36:60N; 142:00E, h23km, Mw3.7 Best double couple: M3.37000; 1014 NP1; 240.00000; 821.00000; 1.38.00000; NP2; 69.00000; 876.00000; 3.74.00000

IDC 24 21:59:17.1.2.1, 36:53N; 142:20E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.4/58, mbtmp3.7/5, ML3.5/1, Error ellipse: s-maj=50.5km s-min=27.5km az=55.0

ISCJB 24 21:59:19.0.0.9, 36:64N; 142:13E, h0km, h19km, mb3.6/4, Error ellipse: s-maj=8.7km s-min=7.6km az=149.5

JMA 24 21:59:19.0.0.2, 36:64N; 142:01E, h12km, 2km, M3.7

ISC 24 21:59:20.7.1.2, 36:58N; 141:95E, h0km, h19km, n26, o113/26, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ONAJ Iwakimizuishiy, JHO Hitachi, JFK Kawachi, JMK Marumori, JFT Otama, JFT Ouri, JFY Yanaizu, JAG Ashikaga, JOK Okura, JKT Katsushina, JYS Shirataka, JYS Ichinoseki, MJAR Matsushiro Arr, MJAR Matsushiro.

Table with columns: MAT, HJH, H112, H113, H114, H115, H116, H117, H118, H119, H120, H121, H122, H123, H124, H125, H126, H127, H128, H129, H130, H131, H132, H133, H134, H135, H136, H137, H138, H139, H140, H141, H142, H143, H144, H145, H146, H147, H148, H149, H150, H151, H152, H153, H154, H155, H156, H157, H158, H159, H160, H161, H162, H163, H164, H165, H166, H167, H168, H169, H170, H171, H172, H173, H174, H175, H176, H177, H178, H179, H180, H181, H182, H183, H184, H185, H186, H187, H188, H189, H190, H191, H192, H193, H194, H195, H196, H197, H198, H199, H200, H201, H202, H203, H204, H205, H206, H207, H208, H209, H210, H211, H212, H213, H214, H215, H216, H217, H218, H219, H220, H221, H222, H223, H224, H225, H226, H227, H228, H229, H230, H231, H232, H233, H234, H235, H236, H237, H238, H239, H240, H241, H242, H243, H244, H245, H246, H247, H248, H249, H250, H251, H252, H253, H254, H255, H256, H257, H258, H259, H260, H261, H262, H263, H264, H265, H266, H267, H268, H269, H270, H271, H272, 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H1947, H1948, H1949, H1950, H1951, H1952, H1953, H1954, H1955, H1956, H1957, H1958, H1959, H1960, H1961, H1962, H1963, H1964, H1965, H1966, H1967, H1968, H1969, H1970, H1971, H1972, H1973, H1974, H1975, H1976, H1977, H1978, H1979, H1980, H1981, H1982, H1983, H1984, H1985, H1986, H1987, H1988, H1989, H1990, H1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like DOU Dourbes, COLD Coldfoot, TULEG Thule, etc.

KRSC 24 23:40:29.6, 0.5, 55.88N, 162.78E, h19km, mb4.1, ML4.1
ISCJB 24 23:40:30.6, 0.8, 55.92N, 162.77E, 0.05, h15km, 7km, mb3.6/11, MS3.3/1, Error ellipse: s-maj=6.5km s-min=4.4km az=146.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like KBTR Krutoberegovo, BDR Baidarnaya, CIRR Tsir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

ATH 24 23:41:14.7, 0.40, 20.2N, 32.66E, h28km, 2km, ML1.6/4, Error ellipse: s-maj=2.7km s-min=1.0km az=75.0
CSEM 24 23:41:14.8, 0.2, 39.99N, 23.66E, h10km, ML1.5, Error ellipse: s-maj=5.8km s-min=2.8km az=105.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like PAIG Paliouri, PAIG Paliouri, PAIG Paliouri, etc.

MOS 24 23:54:44.7, 0.8, 45.54N, 10.98E, h18km, mb4.1/5, Error ellipse: s-maj=4.4km s-min=3.5km az=48.8
ZUR 24 23:54:45.5, 45.52N, 10.98E, h2km, 1km, ML4.4/22
CSEM 24 23:54:45.7, 0.1, 45.53N, 10.98E, h10km, mb4.1/8, ML4.6/21, MW4.1, Error ellipse: s-maj=1.7km s-min=1.4km az=178.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like MOS Grossmontoni, MOS Grossmontoni, MOS Grossmontoni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station details. Includes stations like BALD Marana (Italy), MARN Marana (Italy), MARN Marana (Italy), etc.

Table with columns: Station, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VSL Villasalto, TCF Toulx Ste Croi, GIVF Givet, etc.

Table with columns: Station, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BZS Buzias, OJOC Ojoc, CRVS Cervencia-Dubn, etc.

Table with columns: Station, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FINES Fines Array B, OBNS Obninsk, CSS Mathias, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA, LANU, DUNU, MASU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSW, MTBL, AKGG, WESP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G03D, B08A, H04A, G05D, etc.

MEX 25 00:30:17.6-0.6, 17.89N-102.89W, h5km, 8km, MD4.0, Near coast of Michoacan. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G03D, BMO, BMO, etc.

IDC 25 00:40:03.0-2.9, 6.4AS-129.89E, h115km, 38km, mb3.1/1, mb1 3.3/5, mb1mx3.0/42, mbmtmp3.7/5, MS3.2/1, Ms1 3.2/1, ms1mx2.8/10, Error ellipse: s-maj=71.3km s-min=21.6km az=89.0, Banda Sea. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G03D, BMO, BMO, etc.

IDC 25 00:45:53.9-0.5, 52.82N-167.07W, h0km, mb4.9/41, mb1 5.0/42, mb1mx3.0/52, mbtmp4.9/42, ML4.1/1, MS4.4/29, MS1 4.4/29, ms1mx4.3/44, Error ellipse: s-maj=15.2km s-min=8.6km az=2.0. GCMT 25 00:45:57.7-0.2, 52.62N-167.09W, h16km, MW5.2/106, Moment Tensor Solution. s79.c118; s106.c170; Duration: 1s0 Moment tensor: Scale 10^10Nm; M=0.485; 17; M=0.436; 12; M=0.048; 10; M=0.64; 45; M=0.182; 08; M=0.162; 32; Best double couple: M=8.44900x10^16 Np1.75.000000; 872.000000; 7.94.000000; NP2=241.000000; 818.000000; 7.77.000000; Principal axes: T=3.670, P1g3.0000; Azm351.0000; N 0.1660, P1g4.0000; Azm165.0000; P 8.5320; P1g27.0000; Azm162.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. ISCJB 25 00:45:57.8-0.4, 52.71N-167.02E, h15km, 3km, mb1.1/331, MS4.6/60 Error ellipse: s-maj=4.0km s-min=1.9km az=6.7. MOS 25 00:45:57.6-1.1, 52.84N-167.06W, h33km, mb5.4/106, MS4.7/16, Error ellipse: s-maj=6.5km s-min=4.0km az=92.4. NEIC 25 00:45:57.7-0.0, 52.65N-167.05W, h41km, mb5.1/230, ML4.7(AEIC), After AEIC. BUI 25 00:46:00.4, 53.24N-167.77W, h39km, mb5.3/68, m25.4/51, M4.5.1/67, 4.8/54. ISC 25 00:45:59.7-0.3, 52.78N-167.05W, h39km, 2km, h39km; pP-P, n1111, e1336/1172, mb5.2/356, MS4.6/59, 49C-32D, Fox Islands. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G03D, BMO, BMO, etc.

C38A	Sawbill Land.	46.63	64	P	P	00 54 22.9	-0.9
J34A	George	46.65	72	P	P	00 54 22.6	-1.4
E37A	Wrenshall	46.69	66	P	P	00 54 23.0	-1.3
G36A	St. Michael	46.73	68	P	P	00 54 24.1	-0.5
KSR5	Korea Array	46.76	278	P	P	00 54 25.2	+0.3
KSR5	comp=Z,34nm,1.0s,baz=58,slow=7.2,SNR=34					00 55 58.0	+0.3
KSR5	comp=Z,6.8nm,0.9s,baz=59,slow=3.7,SNR=4.5					01 14 31.9	
KSR5	comp=Z,356nm,19.6s,baz=58,slow=37					00 54 25.7	+0.5
KN15	Wonju Array Si	46.79	278	P	P	00 54 25.2	+0.1
KSAR	Wonju Array Be	46.79	278	P	P	00 55 58.0	
KSAR	Wonju Array Be	46.79	278	P	P	00 54 25.2	+0.1
KSAR	Wonju Array Be	46.79	278	P	P	00 55 58.0	+0.2
I35A	Creekview Farm	46.86	71	P	P	00 54 24.7	-0.9
K34A	Le Mars	46.94	73	P	P	00 54 25.0	-1.3
M33A	Taylor Creek F	46.99	74	P	P	00 54 25.7	-1.0
H36A	Jessenland, He	47.02	69	P	P	00 54 25.9	-1.0
J35A	Milford	47.03	71	P	P	00 54 25.9	-1.1
F37A	Hinrichs Farm,	47.06	67	P	P	00 54 26.1	-1.1
E38A	The Farm, Brul	47.13	66	P	P	00 54 26.6	-1.1
C39A	Grand Marais	47.19	63	P	P	00 54 26.7	-1.5
L34A	Svendens Farm,	47.22	73	P	P	00 54 26.9	-1.6
CBK5	Cedar Bluff	47.24	79	P	P	00 54 28.4	+0.4
CBK5	Cedar Bluff	47.24	79	eP	P	00 54 29.6	+0.9
CBK5	comp=Z,23nm,0.9s					00 54 29.6	+0.9
CBK5	Cedar Bluff	47.24	79	eP	P	00 54 29.6	+0.9
SPMN	Marine on St.	47.27	68	P	P	00 54 28.3	-0.5
SPMN	Marine on St.	47.27	68	eP	P	00 54 28.4	-0.5
I36A	Fitzsimmons Fa	47.31	70	P	P	00 54 28.3	-0.9
F38A	Pierce - Schro	47.34	66	P	P	00 54 28.6	-0.7
K35A	Storm Lake	47.41	72	P	P	00 54 28.8	-1.2
INCN	Inchon	47.51	279	eP	P	00 54 30.7	-0.1
J36A	Seneca 1, Swea	47.55	71	P	P	00 54 29.7	-1.4
H37A	Dierke Farm, C	47.59	69	P	P	00 54 31.0	-0.3
I37A	Lemond, Waseca	47.67	69	P	P	00 54 30.8	-1.1
O33A	Hebron	47.71	76	P	P	00 54 30.5	-1.8
TJN	Taejon	47.80	277	iP	P	00 54 33.5	+0.5
E39A	Mellen	47.82	67	P	P	00 54 31.9	-1.2
G38A	Ridgeland	47.83	67	P	P	00 54 31.8	-1.4
N34A	Lincoln	47.86	75	P	P	00 54 32.3	-1.2
JNU	Nakatsue	47.88	271	P	P	00 54 34.7	+1.0
JNU	comp=Z,14nm,0.8s,baz=14,SNR=5.4					00 54 33.5	-0.2
H38A	Maiden Rock	47.89	68	P	P	00 54 32.6	-1.1
F39A	Loretta	47.90	66	P	P	00 54 33.0	-0.7
K36A	Gilmore City	47.92	72	P	P	00 54 32.3	-1.6
M35A	Neola	47.93	74	P	P	00 54 32.8	-1.2
J37A	Redenius Farm,	48.01	70	P	P	00 54 33.2	-1.4
E40A	Wakefield	48.14	65	P	P	00 54 34.9	-0.7
G39A	Holcombe	48.14	67	P	P	00 54 34.8	-0.8
O34A	Beatrice	48.16	76	P	P	00 54 34.7	-1.1
I38A	Scanlan Farm,	48.26	69	P	P	00 54 35.5	-1.0
K37A	Belmond	48.30	71	P	P	00 54 35.2	-1.6
F40A	Park Falls	48.34	66	P	P	00 54 35.8	-1.3
H39A	Augusta	48.45	68	P	P	00 54 36.7	-1.3
M36A	Felix, Anita	48.46	73	P	P	00 54 37.2	-0.9
KBS	Kingsbay	48.55	0	eP	P	00 54 38.2	-0.1
KBS	comp=Z,37nm,1.1s					00 54 38.1	-0.1
KBS	Kingsbay	48.55	0	eP	P	00 54 38.1	-0.1
MNTX	Cornudas Mount	48.61	90	P	P	00 54 39.8	+0.4
MNTX	Cornudas Mount	48.61	90	eP	P	00 54 40.2	+0.8
J38A	Wedel Dairy, R	48.62	70	P	P	00 54 38.2	-1.1
MSTX	Muleshoe	48.63	86	P	P	00 54 39.5	-0.1
MSTX	Muleshoe	48.63	86	eP	P	00 54 39.5	-0.1
L37A	Phoenix Point,	48.64	72	P	P	00 54 38.4	-1.1
AMTX	Amarillo	48.67	84	P	P	00 54 39.4	-0.4
AMTX	Amarillo	48.67	84	eP	P	00 54 39.8	-0.1
G40A	Rib Lake	48.69	66	P	P	00 54 38.7	-1.2
I39A	Houston	48.83	69	P	P	00 54 38.9	-2.0
Q34A	Chagan	48.83	77	P	P	00 54 39.9	-1.1
K38A	Parkersburg	48.88	71	P	P	00 54 40.8	-0.5
M37A	Trindle Farm,	48.92	73	P	P	00 54 41.7	0.0
P35A	Duane Minner,	48.98	76	P	P	00 54 41.0	-1.1
H40A	Chil	48.99	67	P	P	00 54 41.1	-1.0
F41A	Three Lakes	49.01	65	P	P	00 54 40.8	-1.5
J39A	Decorah	49.05	69	P	P	00 54 40.9	-1.7
R34A	Isabella, Hill	49.05	78	P	P	00 54 41.6	-1.1
L38A	Oak Wood Farm,	49.09	71	P	P	00 54 41.1	-1.8
SCIA	State Center	49.09	72	P	P	00 54 41.5	-1.4
SCIA	State Center	49.09	72	eP	P	00 54 41.9	-1.1
DAG	Danmarks Havn	49.16	9	iP	P	00 54 42.6	-0.4
DAG	comp=Z,76nm,0.9s					00 54 42.6	-0.4
DAG	Danmarks Havn	49.16	9	iP	P	00 54 42.6	-0.4
E42A	Champion	49.24	64	P	P	00 54 42.9	-1.0
N37A	Lee Faris, Mou	49.25	73	P	P	00 54 43.1	-1.0
U32A	Winter Ranch,	49.28	81	P	P	00 54 43.5	-0.9
SPITS	Spitsbergen Ar	49.28	359	P	P	00 54 43.4	-0.5
I40A	Norwalk	49.32	68	P	P	00 54 43.5	-2.1
K39A	Delwein	49.34	70	P	P	00 54 43.0	-1.8
P36A	Good Intent, A	49.40	75	P	P	00 54 44.3	-1.0

H41A	Junction City	49.40	67	P	P	00 54 44.3	-1.0
M38A	Pleasantville	49.41	72	P	P	00 54 44.3	-1.0
S34A	Wilson Spring	49.53	78	P	P	00 54 45.4	-0.9
F42A	Maple Grove Fa	49.53	65	P	P	00 54 45.7	-0.6
J40A	Soldiers Grove	49.56	69	P	P	00 54 45.5	-1.0
DL2	Dalian	49.56	284	P	P	00 54 45.8	-0.7
DL2	comp=Z,34nm,0.8s					01 01 48.3	-3.3
DL2	comp=Z,350nm,5.0s						
DL2	comp=Z,390nm,19.5s						
DL2	comp=Z,490nm,20.9s						
I41A	Arkdale	49.63	67	P	P	00 54 45.4	-1.6
L39A	Vinton	49.65	71	P	P	00 54 46.3	-0.9
G42A	Mountain	49.69	65	P	P	00 54 46.3	-1.2
K40A	Colesburg	49.77	69	P	P	00 54 47.0	-1.1
N38A	Joess South For	49.79	73	P	P	00 54 47.2	-1.0
P37A	Lathrop	49.92	75	P	P	00 54 48.3	-1.0
T34A	McClaskey Farm	49.93	79	P	P	00 54 48.6	-0.8
SUMC	Summit	49.96	18	iP	P	00 54 50.5	+0.9
SUMC	comp=Z,62nm,0.9s						
SUMC	Summit	49.96	18	eP	P	00 54 50.5	+0.9
SUMC	Summit	49.96	18	iP	P	00 54 49.7	+0.1
M39A	Webster	49.96	71	P	P	00 54 48.0	-1.5
J41A	Loganville	49.99	68	P	P	00 54 48.0	-1.7
S35A	Otter Creek Ra	50.01	78	P	P	00 54 48.4	-1.5
R36A	Gordon, Harris	50.07	77	P	P	00 54 49.6	-0.8
L40A	Anamosa	50.13	70	P	P	00 54 49.4	-1.2
JFWS	Jewell Farm	50.14	69	P	P	00 54 49.0	-1.9
JFWS	Jewell Farm	50.14	69	eP	P	00 54 49.4	-1.5
JFWS	comp=Z,17nm,0.7s						
JFWS	Jewell Farm	50.14	69	eP	P	00 54 49.4	-1.5
N39A	Derby Farms, D	50.16	72	P	P	00 54 49.4	-1.7
I42A	Draeger Farm,	50.27	67	P	P	00 54 50.9	-1.0
K41A	Shullsburg	50.31	69	P	P	00 54 50.3	-1.8
Q37A	Longview Farm,	50.33	75	P	P	00 54 50.6	-1.7
P38A	Dawn	50.38	74	P	P	00 54 50.9	-1.8
M40A	Post Highland	50.39	71	P	P	00 54 51.0	-1.8
T35A	Sooga Cattle	50.41	79	P	P	00 54 51.5	-1.5
S36A	Lake Cedric, C	50.42	77	P	P	00 54 51.3	-1.7
R37A	Teagarden Farm	50.48	76	P	P	00 54 51.6	-1.9
WMOK	Wichita Mounta	50.52	82	P	P	00 54 52.6	-1.3
WMOK	Wichita Mounta	50.52	82	eP	P	00 54 54.3	+0.4
WMOK	comp=Z,28nm,1.5s						
WMOK	Wichita Mounta	50.52	82	eP	P	00 54 54.3	+0.4
J42A	Columbus	50.52	68	P	P	00 54 52.2	-1.6
L41A	Preston	50.54	70	P	P	00 54 51.8	-2.1
Q39A	Kirkville	50.54	73	P	P	00 54 52.2	-1.8
U35A	Pawnee	50.64	79	P	P	00 54 53.4	-1.4
N40A	Mertquake, Sal	50.69	72	P	P	00 54 53.4	-1.6
T36A	Boggs Farm, Ca	50.69	78	P	P	00 54 53.4	-1.7
I43A	Langenfeld Bro	50.71	66	P	P	00 54 53.8	-1.3
K42A	Prairie Point,	50.74	68	P	P	00 54 53.2	-2.2
Q38A	Cooks Store, C	50.76	75	P	P	00 54 53.6	-2.1
S37A	Fort Scott	50.84	77	P	P	00 54 54.4	-1.9
J43A	Natural Harves	50.88	67	P	P	00 54 54.7	-1.7
P39B	Salisbury	50.92	74	P	P	00 54 54.6	-2.2
M41A	Milan	50.97	70	P	P	00 54 55.4	-1.7
V35A	Meyer Ranch, C	50.99	80	P	P	00 54 56.0	-1.3
F45A	CM Biological	51.01	63	P	P	00 54 55.7	-1.6
O40A	La Belle	51.02	72	P	P	00 54 55.7	-1.8
L42A	Oliver, Polo	51.06	69	P	P	00 54 56.3	-1.5
Q39A	Willow Grove F	51.08	74	P	P	00 54 56.0	-2.1
R37A	Fenwick Farm,	51.10	76	P	P	00 54 56.3	-1.9
T37A	Cheneyville 18	51.22	77	P	P	00 54 57.4	-1.7
N41A	Harden Midland	51.22	71	P	P	00 54 57.4	-1.7
TLY	Talaya	51.23	307	P	P	00 54 58.9	-0.1
TLY	Talaya	51.23	307	eP	P	00 54 58.9	-0.1
TLY	comp=Z,9.7nm,0.6s,baz=27,slow=6.5,SNR=22					01 02 23.3	+8.8
TLY	comp=Z,28nm,1.1s						
TLY	comp=Z,531nm,20.0s						
TLY	Talaya	51.23	307	eP	P	00 54 58.5	-0.5
P40A	Paris	51.30	73	P	P	00 54 57.9	-1.8
TX31	Lajitas Ar. Si	51.33	91	P	P	00 55 00.2	+0.1
TXAR	Lajitas Array	51.33	91	P	P	00 54 60.0	-0.1
TXAR	comp=Z,7.3nm,0.6s,baz=298,slow=5.5,SNR=36					01 14 54.5	
TXAR	comp=Z,337nm,20.0s,baz=0.0,slow=34						
K43A	Burlington	51.36	68	P	P	00 55 00.0	-0.1
SFJD	Kangerlussuaq	51.37	27	iP	P	00 55 01.1	+1.3
SFJD	comp=Z,40nm,0.9s						
SFJD	Kangerlussuaq	51.37	27	iP	P	00 55 01.1	+1.3
SFJD	Kangerlussuaq	51.37	27	eP	P	00 54 59.9	+0.1
ABTX	Abilene, Hawle	51.45	85	P	P	00 55 00.1	-0.8
ABTX	Abilene, Hawle	51.45	85	eP	P	00 55 00.8	-0.1
L43A	Gann Prairie	51.47	69	P	P	00 54 59.0	-1.9
S38A	Stockton	51.48	76	P	P	00 54 58.6	-2.4
V36A	Jenks	51.51	79	P	P	00 54 59.8	-1.5
TUL1	Leonard	51.51	79				

25d Oh

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Table with columns: MIAR, Mount Ida, 53.77, 79, P, P, 00 55 16.6 -1.3, etc. Lists various stations and their associated data.

Table with columns: V48A, Smith Brothers, 56.92, 73, P, P, 00 55 39.5 -1.1, etc. Lists various stations and their associated data.

Table with columns: LZH, comp=Z,85nm,1.1s, pmax, pmax, 00 56 11.5 -2.1, etc. Lists various stations and their associated data.

Table with columns: Station Name, Az, El, P, Res, Time, Res ISC. Includes stations like KBL Kabul, KIV Kislovodsk, ARSA Arzberg, etc.

Table with columns: Station Name, Az, El, P, Res, Time, Res ISC. Includes stations like ESDC Sonseca Array, ESDC San Pablo, PAB San Pablo, etc.

Table with columns: Station Name, Az, El, P, Res, Time, Res ISC. Includes stations like INK Inuvik, MA2 Magadan, YKA Yellowknife Arr, etc.

ASAR Alice Springs 60.60 184 P P 05 17 16.7 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NNC 25 05:18.43.5.6, 37.15N, 70.51E, h0km, mb3.6, mpv3.2, etc.

NIC 25 05:34:31.7, 0.1, 35.11N, 32.98E, h50km, ML2.3
ISCJB 25 05:34:32.8, 1.3, 35.13N, 0.08, 32.99E, 0.08, h42km, 12km,
Error ellipse: s-maj=14.9km s-min=9.8km az=24.4

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

IDC 25 05:43:50.8, 7.1, 11.78S, 167.01E, h0km, mb3.9/4,
mb1 4.1/4, mb1mx3.6/38, mbtmp3.8/4, Error ellipse:
s-maj=25.47km s-min=75.4km az=176.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, NVAR Mima Ar, etc.

IDC 25 06:01:20.5, 3.2, 5.32S, 148.91E, h187km, 30km, mb3.2/6,
mb1 3.4/7, mb1mx3.1/44, mbtmp3.7/7, Error ellipse:
s-maj=28.9km s-min=23.4km az=178.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

ISCJB 25 06:02:31.3, 0.9, 46.61S, 0.04, 165.71E, 0.03, h10km, 6km,
mb4.9/41, MS4.7/21, Error ellipse: s-maj=6.9km
s-min=3.2km az=169.2

MOS 25 06:02:31.7, 1.3, 46.67S, 165.55E, h10km, mb5.2/9, Error
ellipse: s-maj=20.1km s-min=10.5km az=110.4

BUI 25 06:02:31.4, 46.90S, 165.80E, h6km, mb5.2/19, mB5.8/15,
Ms5.2/15, Ms7.9/14

WEL 25 06:02:34.4, 47.5, 11.76E, h5km, 15km, ML5, 8/9
NEIC 25 06:02:34.8, 1.3, 46.68S, 165.71E, h24km, 9km, mb5.1/14,
ML5.7(WEL), Error ellipse: s-maj=7.1km s-min=4.7km
az=193.0

NEIC Felt at Invercargill and Orepuki.
IDC 25 06:02:34.5, 0.5, 46.63S, 165.77E, h21km, 2km, mb4.4/14,
mb1 4.5/16, mb1mx4.4/31, mbtmp4.6/16, ML5/2, MS4.7/15,
Ms1.4/7.15, ms1mx4.6/19, Error ellipse: s-maj=16.6km
s-min=12.9km az=64.0

GCMT 25 06:02:34.8, 0.1, 46.65S, 165.27E, h18km, MW5.4/99,
Moment Tensor Solution: s89, c145, s99, c191,
Duration: 192 Moment tensor: Scale: 10^17Nm,
Mo: 64; 02; Mo: 0.22; 02; Mo: 0.86; 02; Mo: 10; 04;
Mo: 0.14; 01; Mo: -1.25; 07; Best double couple:
M1: 47000x10^17 Np1: 176.00000, 875.00000,
1.82.00000; NP2: 2.00000, 817.00000, 1.17.00000;
Principal axes: T: 1.3700, Plg59.0000; Azm: 75.0000; N
0.2000, Plg8.0000; Azm: 178.0000; P: -1.5700,
Plg29.0000; Azm: 273.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s.

ISC 25 06:02:36.0, 3.0, 46.69S, 0.04, 165.84E, 0.03, h14km, 1km,
h14km, P-P, n386, 1985/404, mb5.1/41, MS4.7/21, 27C-8D,
Off west coast of South Island

Main table with columns: APZ, The Paps, APZ, The Paps, DCZ, Deep Cove, etc. Includes station names and coordinates.

Main table with columns: EIDS Eidsvold, DZM Mont Dzumac, DZM comp=Z, 1.0m, 18.6s, baz=220, slow=3.2, etc. Includes station names and coordinates.

25d 6h

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H08S3	Diego Garcia H	86.81 262	T	T	07 50 44.7
PHRA	Phrae	87.65 300	P	P	06 15 28.6 +7.1
CMAR	Chiang Mai Arr	88.39 299	P	P	06 15 24.9 -0.2
CMAR	comp-Z, 1.2nm, 0.4s, baz=167, slow=3.4, SNR=12				06 15 31.4 0.0
CMAR	comp-Z, 1.3nm, 1.0s, baz=151, slow=3.2, SNR=8.7				06 57 14.7
H08N1	Diego Garcia H	88.74 262	T	T	07 53 08.2
H08N2	Diego Garcia H	88.75 262	T	T	07 53 09.0
H08N2	Diego Garcia H	88.76 262	T	T	07 53 07.3
NJ2	Nanjing	89.10 322	eP	P	06 15 28.5 +0.4
NJ2	comp-Z, 5.0nm, 0.8s				
TJN	Taejon	89.62 330f	eP	P	06 15 31.0 +0.6
WYH	Wuhan	89.83 318	iP	P	06 15 39.1 +6.6
GYA	Guiyang	90.30 310	P	P	06 15 34.3 +0.3
GYA	comp-Z, 2.0nm, 1.0s				06 19 12.4 +3.9
GYA	comp-Z, 2.20nm, 1.0s				06 26 05.8 +1.0
GYA	comp-Z, 1.20nm, 6.2s				06 26 27.3 -0.6
GYA	comp-Z, 480nm, 18.8s				
GYA	comp-Z, 460nm, 19.0s				
GYA	comp-Z, 420nm, 19.2s				
KSRS	Korea Array	90.40 331	P	P	06 15 34.9 +0.9
KSRS	comp-Z, 1.5nm, 0.8s, baz=161, slow=2.2, SNR=2.9				06 15 41.5 +1.2
KSRS	comp-Z, 4.2nm, 1.0s, baz=152, slow=5.1, SNR=5.3				06 53 26.6
KSRS	comp-Z, 68nm, 19.5s, baz=154, slow=2.6, SNR=3.3				
KSAR	Wonju Array Be	90.41 331	P	P	06 15 34.9 +0.9
KSAR	comp-Z, 5.6nm, 1.1s				06 15 41.6 +1.2
KSAR	Wonju Array Be	90.41 331	P	P	06 15 34.9 +0.9
KSAR	comp-Z, 5.6nm, 1.1s				06 15 41.5 +1.2
ERM	Erimo	90.59 343d	iP	P	06 15 32.7 -2.1
ERM	comp-Z, 5.6nm, 1.1s				
KMI	Kunming	91.37 306	P	P	06 15 41.4 +2.4
KMI	comp-Z, 6.0nm, 1.1s				06 15 45.4 -0.1
KMI	comp-Z, 280nm, 25.0s				06 26 11.0 -0.2
KMI	comp-Z, 270nm, 18.8s				06 26 39.0 +1.1
KMI	comp-Z, 400nm, 24.6s				
YUK	Yuzh-Kuril'sk	92.05 346	eP	P	06 15 38.3 -3.2
TIA	Tai'an	93.40 322	P	P	06 15 55.3 +7.3
TIA	comp-Z, 1.7nm, 1.0s				
XAN	Xi'an	95.28 316	P	P	06 16 03.4 +6.6
XAN	comp-Z, 7.0nm, 1.2s				
CD2	Chengdu	95.38 310	eP	P	06 15 57.6 +0.3
CD2	comp-Z, 6.1nm, 5.7s				
CD2	comp-Z, 1.0nm, 0.5s				
BOSA	Boshof	97.01 214	LR	LR	06 52 45.2
BOSA	comp-Z, 2.43nm, 21.0s, baz=183, slow=31				
BJI	Beijing	97.05 324	P	Pdf	06 16 07.0 +2.4
BJI	comp-Z, 5.0nm, 1.1s				06 27 33.0 +6.4
BJI	comp-Z, 1.90nm, 4.3s				
BJI	comp-Z, 5.20nm, 27.1s				
BJI	comp-Z, 4.50nm, 29.4s				
LZH	Lanzhou	99.41 314	eP	Pdf	06 16 18.8 +3.3
LZH	comp-Z, 1.2nm, 1.1s				
LZH	comp-Z, 6.5nm, 5.3s				
LZH	comp-Z, 350nm, 15.4s				
LZH	comp-Z, 220nm, 12.4s				
LZH	comp-Z, 220nm, 17.3s				
HHC	Hu-ho-hao-te	99.65 321	eP	Pdf	06 16 17.5 +1.1
HHC	comp-Z, 1.90nm, 5.5s				06 16 24.3 +1.5
HHC	comp-Z, 170nm, 16.3s				06 20 30.0 +8.9
HHC	comp-Z, 180nm, 16.5s				06 26 54.8 +0.6
HHC	comp-Z, 7.0nm, 1.0s				06 27 51.3 +2.3
HHC	comp-Z, 1.90nm, 5.5s				
HHC	comp-Z, 170nm, 16.3s				
HHC	comp-Z, 180nm, 16.5s				
PETK	Petrozavovsk	99.66 355	LR	LR	06 54 46.3
PETK	comp-Z, 1.98nm, 21.7s, baz=180, slow=31				
ZAK	Zakamensk	110.74 323	ePKIKP	PKIKP	06 21 09.0 +3.8
ZAK	comp-Z, 1.0nm, 1.2s				
TYL	Talyay	111.57 324	ePKIKP	PKIKP	06 21 07.1 +0.5
WMQ	Urumqi	113.46 309	ePKIKP	PKIKP	06 21 09.8 -0.8
BILL	Bilibino	114.40 0	iPKIKP	PKIKP	06 21 13.8 +2.3
BILL	comp-Z, 6.0nm, 1.8s				
ILAR	Giesels Array	117.08 21	PKP	PKP	06 21 15.6 -1.2
ILAR	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 31 40.5 -1.9
KSH	Kashi	117.29 299	PKP	PKP	06 21 19.6 +1.5
KSH	comp-Z, 0.9nm, 1.1s, baz=355, slow=3.0, SNR=4.4				06 22 36.1 +6.3
KSH	comp-Z, 1.1nm, 1.2s				06 24 54.8 -0.1
KSH	comp-Z, 1.1nm, 1.2s				06 28 30.8 +1.1
KSH	comp-Z, 1.1nm, 1.2s				06 29 29.3 -0.1
KSH	comp-Z, 110nm, 5.7s				
KSH	comp-Z, 55nm, 4.7s				
KSH	comp-Z, 46nm, 4.5s				
KSH	comp-Z, 110nm, 5.5s				
MK31	Makanchi Array	118.29 309	ePKIKP	PKP	06 21 18.7 -1.0
MK31	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 21 18.7 -1.0
MKAR	Makanchi Array	118.29 309	ePKIKP	PKP	06 21 18.7 -1.0
MKAR	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 21 25.4 -0.8
MKAR	comp-Z, 9.0nm, 1.1s, baz=169, slow=1.9, SNR=13				
MKAR	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 21 18.7 -1.0
MKAR	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 21 18.5 +0.3
MAKZ	Makanchi	118.46 309	ePKIKP	PKP	06 21 18.5 -1.5
MAKZ	comp-Z, 1.8nm, 0.9s, baz=151, slow=2.8, SNR=10				06 21 18.5 -1.5
TIXI	Tiksi	120.92 347	PKP	PKP	06 21 22.4 -1.6
TIXI	comp-Z, 1.6nm, 0.2s, baz=52, slow=2.9, SNR=3.6				
TIXI	comp-Z, 2.2nm, 0.2s, baz=47, slow=6.5, SNR=4.1				06 21 29.9 -0.5
ZALV	Zalesovo Beam	121.44 317	PKP	PKP	06 21 24.1 -1.3
ZALV	comp-Z, 0.8nm, 0.3s, baz=199, slow=3.1, SNR=3.0				
US8A	Gravette	121.55 69	P	PKP	06 21 25.9 -0.4
KURBB	Kurchatov Arra	122.59 311	PKP	PKP	06 21 26.6 -1.2
KURBB	comp-Z, 2.5nm, 0.8s, baz=119, slow=1.1, SNR=24				
KURBB	comp-Z, 2.8nm, 1.0s, baz=123, slow=1.3, SNR=22				06 21 33.9 -0.3
KURK	Kurchatov	122.59 311	iPKIKP	PKP	06 21 26.7 -1.1
KURK	comp-Z, 2.8nm, 1.0s, baz=123, slow=1.3, SNR=22				06 21 26.9 -0.9
NVS	Novosibirsk	122.71 317	ePKIKP	PKP	06 21 34.0 +6.1
S39A	Bolivar	122.98 68	P	PKP	06 21 27.4 -1.6

T40A	Mansfield	123.17 69	P	PKP	06 21 28.4 -1.0
INK	Inuvik	123.22 23	ePKIKP	PKP	06 21 28.0 -0.4
INK	comp-Z, 1.2nm, 0.4s, baz=167, slow=3.4, SNR=12				06 21 28.8 -1.2
R39A	Chumby, Stover	123.53 68	P	PKP	06 21 30.5 -1.1
P39B	Salisbury	123.59 67	P	PKP	06 21 30.3 -1.3
ECSD	EROS Data Cent	124.42 61	P	PKP	06 21 30.7 -0.8
ECSD	EROS Data Cent	124.42 61	ePKP	PKP	06 21 31.1 -1.0
K35A	Storm Lake	124.68 62	P	PKP	06 21 31.4 -0.8
G32A	Webster	124.74 59	P	PKP	06 21 31.5 -0.9
H33A	Prehn Over Nor	124.87 60	P	PKP	06 21 32.1 -0.8
Q41A	Truxton	125.05 68	P	PKP	06 21 32.6 -0.7
151A	Opelika	125.16 78	P	PKP	06 21 32.4 -0.8
G33A	Ortonville	125.33 59	P	PKP	06 21 32.3 -1.1
N39A	Derby Farms, D	125.33 66	P	PKP	06 21 32.8 -0.9
Q35A	Creekview Farm	125.47 61	P	PKP	06 21 32.6 -1.1
I42A	Golden Eagle	125.47 69	P	PKP	06 21 32.5 -1.6
J36A	Seneca 1, Swea	125.57 62	P	PKP	06 21 32.3 -1.1
WVT	Waverly	125.63 73	P	PKP	06 21 33.0 -1.0
K37A	Belmond	125.68 63	P	PKP	06 21 32.4 -1.0
YKA	Yellowknife Arr	125.77 34	PKP	PKP	06 21 39.4 -0.5
YKA	comp-Z, 2.0nm, 0.8s, baz=235, slow=1.7, SNR=28				06 21 33.6 -0.5
F33A	5 Mile Ranch	125.77 59	P	PKP	06 21 33.4 -0.8
G34A	Benson	125.83 60	P	PKP	06 21 33.4 -1.6
P42A	Winchester	125.97 68	P	PKP	06 21 33.4 -1.0
C31A	Landman Farms	125.99 56	P	PKP	06 21 33.6 -1.0
H35A	Sunnyside Ranc	126.02 60	P	PKP	06 21 33.6 -1.0
J37A	Redenius Farm	126.03 63	P	PKP	06 21 34.6 -0.2
I36A	Fitzsimmons Fa	126.14 62	P	PKP	06 21 34.5 -0.7
K38A	Parkburg	126.15 64	P	PKP	06 21 34.6 -0.5
N41A	Harden Midland	126.28 67	P	PKP	06 21 35.9 +0.4
E33A	Westby DABS, E	126.30 58	P	PKP	06 21 35.2 -0.7
H36A	Jessenland, He	126.50 61	P	PKP	06 21 36.0 0.0
I37A	Lemond, Waseca	126.51 62	P	PKP	06 21 35.3 -0.9
J38A	Wedel Dairy, R	126.70 63	P	PKP	06 21 36.0 0.0
F35A	Swanville	126.80 59	P	PKP	06 21 35.3 -0.9
M41A	Milan	126.84 66	P	PKP	06 21 36.0 -0.3
G36A	St. Michael	126.95 60	P	PKP	06 21 35.8 -1.0
I38A	Scanlan Farm	127.18 62	P	PKP	06 21 35.6 -1.2
J39A	Decorah	127.18 63	P	PKP	06 21 35.7 -1.1
K40A	Colesburg	127.19 64	P	PKP	06 21 37.9 -0.4
A32A	Rocking H Ranc	127.28 55	P	PKP	06 21 37.3 -0.5
RAYN	Ar Rayn	127.37 265	ePKP	PKP	06 21 37.0 -0.7
F36A	Milaca	127.42 60	P	PKP	06 21 37.6 -0.4
N43A	Stutzman Famil	127.47 67	P	PKP	06 21 37.3 -0.3
GEYT	Alibek	127.57 288	PKP	PKP	06 21 45.0 +0.7
GEYT	comp-Z, 2.0nm, 0.8s, baz=125, slow=2.3, SNR=4.2				
P45A	Graceland, Par	127.61 69	P	PKP	06 21 37.7 -0.3
R47A	Wooly Knot Far	127.72 71	P	PKP	06 21 37.0 -1.1
J40A	Soldiers Grove	127.81 64	P	PKP	06 21 38.0 -0.3
WCI	Wyandotte Cave	127.83 72	P	PKP	06 21 37.6 -0.7
WCI	Wyandotte Cave	127.83 72	ePKIKP	PKP	06 21 37.6 -0.7
WCI	Jewell Farm	127.86 65	P	PKP	06 21 37.2 -0.9
JFWS	Jewell Farm	127.86 65	ePKIKP	PKP	06 21 37.6 -0.5
JFWS	Jewell Farm	127.86 65	ePKIKP	PKP	06 21 37.6 -0.5
F37A	Hinrichs Farm	127.88 60	P	PKP	06 21 37.3 -0.8
A33A	Warrick	127.92 56	P	PKP	06 21 38.5 +0.1
BVAR	Borovoye Array	128.14 310	PKP	PKP	06 21 45.1 +0.3
BVAR	comp-Z, 2.6nm, 0.8s, baz=141, slow=5.0, SNR=1.4				
H39A	Augusta	128.15 62	P	PKP	06 21 38.5 -0.4
BLO	Bloomington	128.20 71	ePKIKP	PKP	06 21 38.5 -0.4
BLO	Bloomington	128.20 71	ePKIKP	PKP	06 21 38.0 -0.5
BRVK	Borovoye	128.21 310j	ePKIKP	PKP	06 21 38.2 -0.3
BRVK	Borovoye	128.21 310j	ePKIKP	PKP	06 21 37.9 -1.0
J41A	Loganville	128.24 64	P	PKP	06 21 38.0 -0.7
ULM	Donnet	128.30 54	PKP	PKP	06 21 43.1 +0.8
ULM	comp-Z, 1.6nm, 0.8s, baz=110, slow=2.0, SNR=2.7				

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAC, MPMC, FURC, BMO, BMO, F10A, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CCIG, CCIG, TGIG, TGIG, TGIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AKZO, ZALV, ZALV, EIL, AKASO, etc.

IDD 25 07:18:28.2±6.3, 14.43N:92.57W, h0km, mb3.5/7, mb1 4.0/5, mb1mx3.7/40, mbmtmp3.6/5, ML4.0/2, MS3.9/1, Ms1 3.8/1, ms1mx2.8/28, Error ellipse: s-maj=156.9km s-min=68.3km az=26.0

ISCJB 25 07:18:38.7±0.5, 14.79N:105.93W±0.03, h58km, mb3.6km, mb4.0/6, MS3.9/1, Error ellipse: s-maj=8.3km s-min=3.1km az=25.8

ROM 25 07:26:35.4±0.2, 45.55N:10.95E, h6km, 1km, MdZ 9/30, M3.0/27, Error ellipse: s-maj=1.7km s-min=1.5km az=126.0

K04D	Chiloquin, OR	60.77	58	P	P	07 43 13.4 +1.9
M02C	Callahan	60.84	59	P	P	07 43 13.7 +1.8
N02D	Trinity Center	61.18	60	P	P	07 43 16.1 +1.9
M04C	Macdoel	61.22	59	P	P	07 43 16.2 +1.6
WALA	Waterton Lakes	61.30	48	eP	P	07 43 16.1 +1.0
WDC	Whiskeytown Dam	61.51	60	eP	Pmax	07 43 17.9 +1.5
WDC	Whiskeytown Dam	61.51	60	eP	P	07 43 17.9 +1.5
JTMT	Jette	61.91	49	eP	P	07 43 20.8 +1.6
SUMG	Summit	62.06	3	eP	Pmax	07 43 19.3 -0.7
SUMG	Summit	62.06	3	eP	Pmax	07 43 19.3 -0.7
SUMG	Summit	62.06	3	eP	P	07 43 19.3 -0.7
MOD	Modoc Plateau	62.06	58	eP	P	07 43 22.0 +1.7
O03D	Paynes Creek	62.13	60	P	P	07 43 21.6 +0.9
MSO	Missoula	62.66	50	P	P	07 43 25.0 +1.0
MSO	Missoula	62.66	50	eP	P	07 43 25.4 +1.3
WVOR	Wild Horse Val	62.72	56	eP	Pmax	07 43 26.1 +1.5
WVOR	Wild Horse Val	62.72	56	eP	P	07 43 26.1 +1.5
ORV	Oroville	62.77	60	eP	Pmax	07 43 25.6 +0.8
ORV	Oroville	62.77	60	eP	Pmax	07 43 25.6 +0.8
BEKR	Becworth	63.27	60	eP	P	07 43 29.5 +1.2
FFC	Flin Flon	63.40	38	eP	Pmax	07 43 29.3 +0.6
FFC	Flin Flon	63.40	38	eP	Pmax	07 43 29.3 +0.6
FFC	Flin Flon	63.40	38	eP	P	07 43 29.4 +0.7
FFC	Flin Flon	63.40	38	eP	P	07 43 29.3 +0.7
AFDM	Forest Hills D	63.47	61	eP	P	07 43 30.8 +1.4
MFID	Camas Ranch	63.73	54	eP	P	07 43 32.5 +1.2
HRY	Holter Researc	63.86	49	eP	P	07 43 33.5 +1.5
FIAl	FINESS Array S	63.92	333	eP	P	07 43 30.3 -1.6
FINES	FINESS Array B	63.92	333	P	P	07 43 30.1 -1.9
FINES	FINES	63.92	333	P	P	07 43 30.1 -1.9
PAHR	Pah Rah Range	63.96	59	eP	P	07 43 34.0 +1.2
EGMT	Eggleton	64.11	47	P	P	07 43 34.3 +0.8
EGMT	Eggleton	64.11	47	eP	P	07 43 34.5 +1.0
PNTR	Pine Nut	64.22	60	eP	P	07 43 36.5 +1.9
CMB	Columbia Cole	64.39	61	eP	Pmax	07 43 36.9 +1.4
CMB	Columbia Cole	64.39	61	eP	P	07 43 36.9 +1.4
HLID	Halley	64.44	53	P	P	07 43 37.1 +1.2
HLID	Halley	64.44	53	eP	P	07 43 37.2 +1.2
YERR	Yeringto	64.50	60	eP	P	07 43 37.9 +1.6
BOZ	Bozeman (W)	64.68	50	P	P	07 43 38.2 +0.8
WAKR	Walker	64.68	60	eP	P	07 43 39.3 +1.7
OBN	Obninsk	64.71	324j	eP	P	07 43 35.6 -1.6
OBN	Obninsk	64.71	324j	eP	Pmax	07 43 35.6 -1.6
OBN	Obninsk	64.71	324j	eP	P	07 43 35.6 -1.6
OBN	Obninsk	64.71	324j	eP	P	07 43 38.7 +0.3
KVN	Kaiserville	65.15	59	eP	Pmax	07 43 42.0 +1.4
KVN	Kaiserville	65.15	59	eP	P	07 43 42.0 +1.4
QLMT	Earthquake Lak	65.28	51	eP	P	07 43 42.9 +1.6
NVAR	Mina Array Bea	65.42	60	eP	P	07 43 43.8 +1.4
MDPB	Devils Postpil	65.45	61	eP	P	07 43 44.4 +1.7
YHB	Horse Butte	65.46	51	eP	P	07 43 44.0 +1.5
NV11	Mina Array Sit	65.50	60	eP	P	07 43 44.3 +1.5
GCMT	Greycliff	65.60	49	eP	P	07 43 45.1 +1.8
YHH	Holmes Hill	65.62	50	eP	P	07 43 45.2 +1.6
YNR	Norris Junctio	65.76	50	eP	P	07 43 46.5 +2.0
H17A	Grant Village	66.03	51	P	P	07 43 48.9 +2.7
H17A	Grant Village	66.03	51	eP	P	07 43 49.1 +2.9
IMW	Indian Meadow	66.15	51	eP	P	07 43 49.2 +2.1
RLMT	Red Lodge	66.25	49	eP	P	07 44 10.4 -6.0
RLMT	Red Lodge	66.25	49	eP	P	07 52 25.8 +1.1
FXWY	Fox Creek	66.28	51	eP	P	07 43 49.6 +1.8
TIN	Tinemaha, Big	66.34	61	eP	P	07 43 49.7 +1.5
MOO	Moose Ponds	66.36	51	eP	P	07 43 50.0 +1.7
SMMC	Simmler	66.36	63	P	P	07 43 50.1 +1.9
TPAW	Teton Pass	66.41	51	eP	P	07 43 50.6 +1.8
HVU	Hansel Valley	66.51	54	eP	Pmax	07 43 50.6 +1.4
HVU	Hansel Valley	66.51	54	eP	P	07 43 50.6 +1.4
SNOW	Snow King Moun	66.54	51	eP	P	07 43 51.4 +1.9
REDW	Red Teton Hatcher	66.55	52	eP	P	07 43 51.6 +2.0
WRA	Warramunga Arr	66.56	195	P	P	07 43 50.6 +1.2
WRA	Warramunga Arr	66.56	195	P	P	07 44 26.5 +1.1
YES	Vestal, Richgr	66.59	62	P	P	07 43 50.2 +0.7
DGMT	Dagmar	66.60	44	eP	P	07 43 50.1 +0.6
DGMT	Dagmar	66.60	44	eP	P	07 43 49.9 +0.4
PKM	Mcpheerson Peak	66.75	63	P	P	07 43 52.0 +1.2
SFJD	Kangerlussuaq	66.78	8	eP	Pmax	07 43 49.5 -0.7
SFJD	Kangerlussuaq	66.78	8	eP	P	07 43 49.5 -0.7
LAO	LASA Array	66.80	46	P	P	07 43 51.9 +1.1
LAO	LASA Array	66.80	46	eP	P	07 43 52.0 +1.2
AHID	Audurn Hatcher	66.81	52	eP	P	07 43 52.4 +1.3
CWC	Cottonwood Cre	66.83	61	P	P	07 43 52.4 +1.1
GRAC	Grapevine Rang	66.91	60	P	P	07 43 53.3 +1.6
BGU	Big Grassy Mou	66.92	55	eP	P	07 43 53.0 +1.2
SPUT	South Promont	67.00	54	eP	P	07 43 54.1 +1.7
R11A	Troy Canyon, C	67.11	58	eP	P	07 43 54.0 +1.0

R11A	Troy Canyon, C	67.11	58	eP	P	07 43 54.1 +1.1
ARVC	Arvin	67.21	63	P	P	07 43 54.8 +1.3
DAC	Darwin (Calif)	67.23	61	eP	Pmax	07 43 55.0 +1.1
DAC	Darwin (Calif)	67.23	61	eP	P	07 43 55.0 +1.1
SCZ2	Santa Cruz Isl	67.44	64	P	P	07 43 56.8 +1.8
MPMC	Manual Prospec	67.44	61	P	P	07 43 56.3 +1.1
DUG	Dugway, Tooele	67.53	55	P	P	07 43 57.0 +1.3
DUG	Dugway, Tooele	67.53	55	eP	Pmax	07 43 57.0 +1.3
DUG	Dugway, Tooele	67.53	55	eP	Pmax	07 43 57.0 +1.3
FURC	Furnace Creek	67.56	60	P	P	07 43 57.0 +1.4
OSI	Osito Audit: C	67.61	63	P	P	07 43 57.5 +1.3
TPNV	Topopah Spring	67.62	60	P	P	07 43 57.4 +1.1
TPNV	Topopah Spring	67.62	60	eP	Pmax	07 43 57.6 +1.3
TPNV	Topopah Spring	67.62	60	eP	Pmax	07 43 57.6 +1.3
TPNV	Topopah Spring	67.62	60	eP	P	07 43 57.6 +1.3
BW06	Boulder Array	67.66	51	eP	P	07 43 57.2 +0.6
BW06	Boulder Array	67.66	51	eP	P	07 43 57.4 +0.8
PD31	Pinedale Array	67.66	51	eP	P	07 43 57.4 +0.9
PDAR	Pinedale Array	67.66	51	eP	P	07 43 57.3 +0.8
LRMC	Laurel Mtn Rad	67.69	62	eP	P	07 43 57.6 +0.8
TCUT	Toone Canyon	67.72	54	eP	P	07 43 58.4 +1.4
CTU	Camp Tracy	67.81	54	eP	P	07 43 58.6 +1.2
N16A	Rees Ranch, Co	67.86	54	eP	P	07 43 56.7 -1.1
EDW2	Edwards Arrir	67.89	62	eP	P	07 43 59.1 +1.2
PSUT	Pine Spring	68.01	57	eP	P	07 43 59.7 +1.0
JLU	Jordanelle	68.04	54	eP	P	07 44 00.0 +1.1
DECC	Green Verdugo	68.09	63	P	P	07 44 00.3 +1.3
NLU	North Lily Mtn	68.11	55	eP	P	07 44 00.6 +1.2
NC303	NORSAR Array S	68.24	339	eP	P	07 43 58.2 -1.3
NC405	NORSAR Array S	68.25	339	eP	P	07 43 58.4 -1.3
SHOC	Shoshone, Teco	68.29	61	P	P	07 44 01.5 +1.2
MPU	Maple Canyon	68.32	55	eP	P	07 44 02.0 +1.3
GSC	Goldstone, Bar	68.35	61	P	P	07 44 01.8 +1.0
GSC	Goldstone, Bar	68.35	61	eP	Pmax	07 44 01.1 +0.3
GSC	Goldstone, Bar	68.35	61	eP	Pmax	07 44 01.1 +0.3
GSC	Goldstone, Bar	68.35	61	eP	P	07 44 01.1 +0.3
NB201	NORSAR Array S	68.41	339	eP	P	07 43 59.3 -1.3
NB2	NORSAR Array S	68.43	339	eP	P	07 43 59.1 -1.7
NOA	NORSAR Array B	68.43	339	eP	P	07 43 59.2 -1.6
BFSC	Mount Baldy Ra	68.52	63	P	P	07 44 03.1 +1.1
SHPR	Sheep Range	68.57	59	eP	P	07 44 03.6 +1.4
HFS	Hagfors	68.58	338	P	P	07 43 59.4 -2.3
GOF	Gofitskyev	68.66	313	eP	Pmax	07 43 54.7 -7.8
GOF	Gofitskyev	68.66	313	eP	Pmax	07 43 54.7 -7.8
TUQ	Turquoise Moun	68.81	61	P	P	07 44 04.8 +1.1
CCUT	Cedar City	68.95	58	eP	P	07 44 05.9 +1.3
HEC	Hector,Ludlow	68.95	61	P	P	07 44 05.7 +1.2
MSU	Marysville	69.01	56	eP	P	07 44 06.6 +1.6
MSU	Marysville	69.01	56	eP	P	07 44 06.6 +1.6
TMUT	Trail Mountain	69.05	55	eP	P	07 44 06.3 +0.9
SZCU	Shur Canyon	69.09	57	eP	P	07 44 06.9 +1.5
P17A	Butcher Ranch,	69.20	55	eP	P	07 44 07.5 +1.4
ULM	Lac du Bonnet	69.20	39	eP	P	07 44 05.2 -0.5
ULM	Lac du Bonnet	69.20	39	eP	P	07 44 05.2 -0.5
ULM	Lac du Bonnet	69.20	39	eP	Pmax	07 44 05.6 -0.1
ULM	Lac du Bonnet	69.20	39	eP	P	07 44 05.6 -0.1
MURC	Murieta	69.23	63	P	P	07 44 07.3 +1.1
MDND	Maddock	69.24	42	P	P	07 44 07.0 +1.0
MDND	Maddock	69.24	42	eP	P	07 44 07.2 +1.3
MTPU	Mount Pierson	69.32	57	eP	P	07 44 09.0 +1.9
P12A	Preston Nutter	69.38	54	eP	P	07 44 08.4 +1.1
K28A	Caspe	69.38	50	eP	P	07 44 07.6 +0.4
LCMT	Little Creek M	69.38	58	eP	P	07 44 08.8 +1.6
GMRC	Granite Mounta	69.40	61	P	P	07 44 08.5 +1.2
SRU	San Rafael Swe	69.57	55	eP	Pmax	07 44 09.5 +1.2
SRU	San Rafael Swe	69.57	55	eP	P	07 44 09.5 +1.2
KIV	Kislovodsk	69.62	312	eP	Pmax	07 44 07.1 -1.4
KIV	Kislovodsk	69.62	312	eP	Pmax	07 44 07.1 -1.4
KIV	Kislovodsk	69.62	312	eP	P	07 44 07.1 -1.4
KIV	Kislovodsk	69.62	312	eP	P	07 44 08.4 -0.1
KBZ	Khabaz	69.67	312	P	P	07 44 09.3 +0.6
RSSD	Black Hills	69.68	47	P	P	07 44 09.4 +0.5
RSSD	Black Hills	69.68	47	eP	Pmax	07 44 09.5 +0.5
RSSD	Black Hills	69.68	47	eP	P	07 44 09.5 +0.5
RSSD	Black Hills	69.68	47	eP	P	07 44 09.5 +0.5
PFO	Pinyon Flats O	69.68	63	P	P	07 44 10.0 +0.9
BELC	Belle Mtn. Jos	69.71	62	P	P	07 44 09.8 +0.5
B31A	Greenbush Farm	69.73	41	P	P	07 44 09.4 +0.4
109C	Car Eliot, M	69.75	63	P	P	07 44 10.4 +1.0
ZEI	Tsey	69.80	311	eP	Pmax	07 44 08.8 -0.9
ZEI	Tsey	69.80	311	eP	Pmax	07 44 08.8 -0.9
A32A	Rocking H Ranc	69.90	40	P	P	07 44 09.9 -0.1
IRM	Iron Mountain	70.13	61	P	P	07 44 12.9 +1.2
C01A	White River Ci	70.16	53	P	P	07 44 12.6 +0.6
O20A	White River Ci	70.16	53	eP	P	07 44 12.7 +0.7
MONP2	Monument Peak	70.18	63	P	P	07 44 13.2 +1.0
B32A	Ashes, Strandg	70.26	40	P	P	07 44 12.1 -0.1
ASAR	Alice Springs	70.27	195	P	P	07 44 14.7 +2.3

W13A	Hualapai Moun	70.27	60	eP	P	07 44 13.9 +1.1
BC3	Big Chuckwall	70.28	62	P	P	07 44 13.5 +0.9
U15A	North Rim	70.34	58	eP	P	07 44 15.0 +1.8
A33A	Warroad	70.38	39	P	P	07 44 12.7 -0.2
SWSC	Sam W. Stewart	70.53	63	P	P	07 44 14.8 +0.7
IKP	In-Ko-Pah, Jac	70.54	63	P	P	07 44 15.2 +0.9
AGMN	Agassiz Natn	70.64	40	P	P	07 44 14.2 -0.3
AGMN	Agassiz Natn	70.64	40	eP		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like K31A O'Neill, F36A Milaca, HAKT HAKK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like P37A Lathrop, U32A Winter Ranch, O38A Gal, etc.

Table with 5 columns: Station Name, Frequency, Band, Mode, and Signal Quality. Includes stations like Tayfur-Gelibol and Tayfur-Gelibol.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MEX 25 07:47:30.3, 0.4, 14.77N:93.27W, h16km, 19km, MD3.6, Near coast of Chiapas.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ISK 25 07:52:50.1, 38.66N:26.80E, h8km, ML2.5.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: FOCM Fo'sa, FOCM Fo'sa, KRBN Karaburun, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ISK 25 07:54:46.0, 1.6, 3.55S:0.1, 139.57E:0.07, h37km, Error.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: GENI Genyem, GENI Genyem, JAY Jayapura, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: IDC 25 07:55:58.4, 1.7, 5.23S:152.81E, h0km, mb3.8/5.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: HNR Honiara, WRA Warrungga Arr, WRA Warrungga Arr, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: IDC 25 08:06:32.5, 0.4, 44.78N:10.44E, h0km, mb4.5/36.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BUI 25 08:06:33.2, 44.90N:10.50E, h10km, mb4.7/46, mB5.3/32.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MOS 25 08:06:34.9, 1.0, 44.90N:10.55E, h18km, mb5.1/47.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: VIE 25 08:06:35.7, 0.5, 44.88N:10.59E, h8km, mb4.4/18.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: CSEM 25 08:06:36.4, 0.1, 44.89N:10.54E, h19km, mb5.0/19.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: PDG 25 08:06:36.6, 0.7, 44.91N:10.53E, h30km, ML4.9/14, Error.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ISK 25 08:06:36.6, 0.1, 44.91S:10.009:10.49E:0.01, h38km, mb5.9/201, MS4.4/46, Error ellipse.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BGR 25 08:06:36.6, 0.7, 44.86N:10.57E, h10km, ML5.4/5, Error ellipse.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: NEIC 25 08:06:36.0, 0.0, 44.85N:10.54E, h33km, mb5.0/148.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: NEIC Felt [V] at Casalmaggiore, Colomo, Parma, Sorbolo and Viadana; [IV] in much of Emilia-Romagna, Lombardy and Veneto; [III] at Florence, Pisa and Turin. Felt in many parts of northern Italy.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: GCMT 25 08:06:36.0, 0.3, 44.82N:10.36E, h30km, 1km, MW5.0/83.

Azm315.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. PRU 25 08:06:36.0, 44.89N:10.65E, h8km, M5.0. ZUR 25 08:06:36.1, 44.89N:10.52E, h28km, 2km, ML5.3/35. CRAAG 25 08:06:37.0, 44.85N:10.54E, MW4.9. ROM 25 08:06:37.0, 44.87N:10.51E, h29km, 1km, ML5.0/93. Error ellipse: s-maj=1.4km s-min=1.1km az=89.0. BGS 25 08:06:37.5, 2.5, 44.76N:10.20E, h33km, ML5.6. LDG 25 08:06:38.6, 0.2, 44.87N:10.51E, h20km, ML5.4/28, Error ellipse: s-maj=999.9km s-min=999.9km az=99.0. GEN 25 08:06:38.1, 44.87N:10.51E, h21km, ML5.0. BNS 25 08:06:38.0, 0.2, 44.93N:10.57E, h20km, ML4.9. STR 25 08:06:40.0, 0.5, 45.00N:0.02:10.29E:0.05, h10km, MLV5.1/30. ISC 25 08:06:37.3, 0.5, 44.84N:10.01:10.43E:0.02, h28km, 3km, n1670, r154/1832, mb5.0/201, MS4.5/46, 82C-134D, Northern Italy

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: PRMA PARMA, PRMA PARMA, PRMA Novellara, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: SBPO S.Benedetto Po, SBPO S.Benedetto Po, RAVA Ravarino, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: CODM Codolo, ZCCA Zocca, ZCCA Zocca, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: SORO Sassorosso, VLC Villacollemand, VLC Villacollemand, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BOB Bobbio (Coli), BOB Bobbio (Coli), BOB Bobbio (Coli), etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: SALO Sal, SALO Sal, SC2M Scurtabo, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BDI Bagni Di Lucca, BDI Bagni Di Lucca, BDI Bagni Di Lucca, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: POPM Popiglio, FNVD Fontana Vidola, FNVD Fontana Vidola, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MSSA Maissana, MSSA Maissana, MTRZ Monterenzio, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BALD Monte Baldo, BALD Monte Baldo, BALD Monte Baldo, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ROVR Rovera Verona, ROVR Rovera Verona, MAIM Mastiano, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MAGA Magasa, MAGA Magasa, MAGA Magasa, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MARN Marana (Italy), MARN Marana (Italy), MARN Marana (Italy), etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: CRMI Carnignano, CRMI Carnignano, GENL Genova Unvers, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MABI Malga Bissina, MABI Malga Bissina, MABI Malga Bissina, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: PANI Panarotta, PANI Panarotta, PANI Panarotta, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: SFI Santa Sofia, SFI Santa Sofia, CGRP Cima Grappa, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MUGIO Muggio, MUGIO Muggio, MUGIO Muggio, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ROTM Rocchetta Tana, ROTM Rocchetta Tana, CSNT Castellina Chi, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: VARE Varese, VARE Varese, QLNO Quilano, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: CARE Lago del Cares, CARE Lago del Cares, OZOL Ozolo, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: CRE Caprese Michel, CRE Caprese Michel, FINB Finale Ligure, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: BOSI Bolzano, BOSI Bolzano, PARC Parchieule, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MOSI Grossmontoni, MOSI Grossmontoni, VDL Val di Lei, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: VDL Val di Lei, VDL Val di Lei, FUORN Offenpass-Fuorn, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: MONC Moncuoco Torin, MONC Moncuoco Torin, TUE Stuetta, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: AGOR Rocca Rossa, AGOR Rocca Rossa, CARI Castiglion Fio, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: POLC Polcenigo, POLC Polcenigo, POLC Polcenigo, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, etc.

Table with 5 columns: Code, Station Name, Frequency, Band, Mode. Section: ABST Absterueckl, ABST Absterueckl, ATPC Poggio Castell, etc.

CIRO	26µm,1.7s Champocher	2.16 292	Pg	Pn	08 07 10.0 -0.8	MRGE	2µm,0.5s Morge	2.55 292	JP	Pn	08 07 13.5 -3.4	LJU	Ljubljana	3.12 66	i Pn	Pn	08 07 23.1 -1.5	
TLI	Talmassons	2.17 59	Pn	Pn	08 07 10.0 -1.4	MRGE	28µm,0.6s Morge	2.55 292	JP	Pn	08 07 16.9 0.0	LJU	Ljubljana	3.12 66	i Sn	Pn	08 07 60.0 -0.9	
TLI	Talmassons	2.17 59	Pn	Pn	08 07 10.0 -1.4	MRGE	19µm,0.8s Morge	2.55 292	Pg	Pn	08 07 17.0 0.0	LJU	Ljubljana	3.12 66	i Sn	Pn	08 07 23.1 -1.5	
MURB	Monte Urbino	2.19 136	Pg	Pn	08 07 11.8 0.0	PLRO	Paularo	2.56 47	ePn	Pn	08 07 16.2 -0.7	SULZ	Cheisacher	3.13 330	JP	Pn	08 07 19.8 -5.0	
FETA	Feichten	2.19 5	Pn	Pn	08 07 12.8 +0.9	PLRO	Paularo	2.56 47	ePn	Pn	08 07 16.2 -0.7	SULZ	Cheisacher	3.13 330	ePn	Pn	08 07 25.1 +0.3	
FETA	Feichten	820nm,0.3s,SNR=812	2.19 5	ePn	Pn	08 07 12.8 +0.9	CESI	CESI - Serrava	2.56 135	Pg	Pn	08 07 17.2 +0.2	SULZ	Cheisacher	3.13 330	JP	Pn	08 07 25.0 +0.3
FETA	Feichten	820nm,0.3s,SNR=812	2.19 5	ePn	Pn	08 07 12.8 +0.9	RRL	Rocca Remolon	2.59 273	Pg	Pn	08 07 17.5 0.0	ACHB	Acheber	3.13 332	JP	Pn	08 07 19.8 -5.0
FETA	Feichten	3µm,0.6s	2.20 244	eSn	Sb	08 07 43.6 +0.6	MBDF	Montbardon	2.61 269	ePn	Pn	08 07 18.1 +0.4	ACHB	Acheber	3.13 332	JP	Pn	08 07 24.9 +0.1
NEGI	Seborga	41µm,0.7s	2.20 244	Pg	Pn	08 07 13.5 +1.6	MBDF	Montbardon	2.61 269	ePn	Pn	08 07 18.1 +0.4	BALST	Balsthal	3.14 324	JP	Pn	08 07 20.7 -4.2
SSFR	Montelago di S	2.20 129	Pg	Pn	08 07 12.3 +0.3	MBDF	7µm,0.5s,SNR=1.0	2.61 269	eSn	Sn	08 07 51.2 +2.7	BALST	Balsthal	3.14 324	ePn	Pn	08 07 25.4 +0.5	
LLS	Linth-Limmern	2.24 334	JP	Pn	08 07 10.2 -2.4	MBDF	Montbardon	2.61 269	ePn	Pn	08 07 18.1 +0.4	BALST	Balsthal	3.14 324	Pn	Pn	08 07 25.4 +0.5	
ENR	Entracque	2.24 255	Pg	Pn	08 07 14.0 +1.4	MBDF	Montbardon	2.61 269	ePn	Pn	08 07 18.1 +0.4	BALST	Balsthal	3.14 324	ePn	Pn	08 07 25.4 +0.5	
BHB	Bricherasio	2.25 271	Pg	Pn	08 07 12.4 -0.3	MBDF	Montbardon	2.61 269	ePn	Pn	08 07 18.1 +0.4	BALST	Balsthal	3.14 324	ePn	Pn	08 07 25.4 +0.5	
SACS	San Casciano d	2.26 151	ePg	Pn	08 07 13.1 +0.3	MBDF	4µm,0.5s,SNR=1.0	2.62 17	Pn	Pn	08 07 18.7 +0.9	BALST	Balsthal	3.14 324	ePn	Pn	08 07 25.4 +0.5	
RSP	Reno Superiore	2.27 279	JP	Pn	08 07 10.3 -2.7	WATA	Walderalm	2.62 17	Pn	Pn	08 07 18.7 +0.9	MOZS	Mozzanca	3.17 61	i Pn	Pn	08 07 24.7 -0.6	
RSP	Reno Superiore	2.27 279	JP	Pn	08 07 11.8 -1.2	WATA	Walderalm	2.62 17	ePn	Pn	08 07 18.7 +0.9	MOZS	Mozzanca	3.17 61	i Pn	Pn	08 07 24.7 -0.6	
RSP	Reno Superiore	2.27 279	JP	Pn	08 07 11.9 -1.1	DRE	Dranichia	2.62 58	ePn	Pn	08 07 16.7 -1.0	GBRS	Gornja Briga	3.17 76	i Pn	Pn	08 07 23.8 -1.5	
MGAB	Montegabbione	2.28 147	Pg	Pn	08 07 13.1 0.0	DRE	Dranichia	2.62 58	ePn	Pn	08 07 16.7 -1.0	TERO	Teramo	3.19 133	Pg	Pn	08 07 25.8 +0.2	
ATCC	AVI - Casa Cast	2.30 135	Pg	Pn	08 07 13.2 -0.1	SKDS	Skadanscina	2.63 73	i Pn	Pn	08 07 15.5 -2.3	LMR	La Mourre	3.21 243	ePn	Pn	08 07 27.2 +1.5	
DOI	San Damiano	2.30 263	JP	Pn	08 07 10.8 -2.6	SKDS	Skadanscina	2.63 73	i Pn	Pn	08 07 15.5 -2.3	LMR	La Mourre	3.21 243	eSn	Pn	08 07 03.3 +0.4	
DOI	San Damiano	82µm,0.9s	2.30 263	JP	Pn	08 07 13.5 +0.1	SKDS	Skadanscina	2.63 73	i Pn	08 07 15.5 -2.3	LMR	La Mourre	3.21 243	ePn	Pn	08 07 27.2 +1.5	
STV	Sant Anna di V	2.30 256	Pg	Pn	08 07 14.9 +1.5	SKDS	Skadanscina	2.63 73	i Pn	08 07 15.5 -2.3	LMR	La Mourre	3.21 243	eSn	Pn	08 07 03.3 +0.4		
PLONS	Plons/SG	2.32 342	JP	Pn	08 07 11.3 -2.4	FDMO	Fiordimonte	2.63 132	Pg	Pn	08 07 18.5 +0.6	LMR	La Mourre	3.21 243	ePn	Pn	08 07 27.2 +1.5	
PLONS	Plons/SG	2.32 342	ePn	Pn	08 07 15.8 +2.1	RETA	Reutte	2.65 5	Pn	Pn	08 07 19.4 +1.2	LMR	La Mourre	3.21 243	eSn	Pn	08 07 03.3 +0.4	
PLONS	Plons/SG	2.32 342	JP	Pn	08 07 15.3 +1.6	RETA	78nm,0.3s,SNR=143	2.65 5	ePn	Pn	08 07 19.4 +1.2	LMR	La Mourre	3.21 243	eSn	Pn	08 07 03.3 +0.4	
PLONS	Plons/SG	2.32 342	Pg	Pn	08 07 15.5 +1.8	RETA	Reutte	2.65 5	ePn	Pn	08 07 19.4 +1.2	LMR	La Mourre	3.21 243	eSn	Pn	08 07 03.3 +0.4	
BUA	Buia	2.34 53	ePn	Pn	08 07 12.7 -1.1	RETA	Reutte	2.65 5	ePn	Pn	08 07 19.4 +1.2	SLE	Schleitheim	3.22 336	ePn	Pn	08 07 20.9 -5.0	
BUA	Buia	2.34 53	ePn	Pn	08 07 12.7 -1.1	RETA	78nm,0.3s,SNR=143	2.65 5	ePn	Pn	08 07 19.4 +1.2	SLE	Schleitheim	3.22 336	ePn	Pn	08 07 25.9 0.0	
CLUD	Cludinico	2.36 46	ePn	Pn	08 07 12.9 -1.2	SENN	Lac Senin/Sane	2.67 306	JP	Pn	08 07 14.9 -3.7	SLE	Schleitheim	3.22 336	Pn	Pn	08 07 25.9 0.0	
CLUD	Cludinico	2.36 46	ePn	Pn	08 07 12.9 -1.2	SENN	Lac Senin/Sane	2.67 306	ePn	Pn	08 07 14.9 -3.7	FIAM	Fiamignano	3.23 142	Pg	Pn	08 07 26.3 +0.1	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	SENN	Lac Senin/Sane	2.67 306	JP	Pn	08 07 19.7 +1.1	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	19µm,0.4s	2.36 247	eSn	Sb	08 07 45.9 -2.1	SENN	Lac Senin/Sane	2.67 306	JP	08 07 19.7 +1.1	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 19.1 +0.6	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 19.1 +0.6	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07 15.8 +1.6	BNI	Bardonecchia	2.67 276	ePn	Pn	08 07 18.8 +0.2	ORIF	Oris-en-Rattie	3.24 273	ePn	Pn	08 07 28.5 +2.2	
SBF	Sospel	2.36 247	ePn	Pn	08 07													

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like H43A Windswept, Lucca, FFC Flin, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like L42A Oliver, O45A Potomac, ZEA Zeta, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like M38A Pleasantville, G31A Conde, V48A Smith Brothers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WUAZ Wupatki, WUAX Wupatki, X18A Snowflake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CSEM 25 08:07:01.7, NIC 25 08:07:01.7, SZAC Souni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 25 08:15:47.5, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 25 08:29:11.3, I46RU ZALESOVO INFRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 25 08:34:28.6, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NIED 25 08:36:00.2, BUI 25 08:36:20.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWB1 Tubuai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TWE Neicheng, ENAH Nanao, etc.

25d 8h

Table of station data for 25d 8h, including columns for station name, coordinates, and status. Stations include SSLB Suanglung, EHY Hungye, WCHH Zhanghua, WCHH WCHH, HATJ Hateruma jima, WNT Mingjian, YULB Yu-li, YULB Yu-li, YULB WJShushan, WJWS WJWS, TWFI Yuli, JKRS Kuro-shima, JKRS YU-Shan, YUS YUS, JIU Ishigaki jima, FULB Fuli, FULB FULB, CHNS Tsalung, CHNS CHNS, WDLH Douliu, WDLH CHKT, CHKT CHKT, RLNB Erlin, RLNB Erlin, JISG Lidagujimahi, JISG Lidagujimahi, ELDTW Ta-cheng, ELDTW Ta-cheng, WTCT WTCT, CHN2 Minshiang, CHN2 CHN2, CHN4 Tsauhsan, CHN4 CHN4, CHY Chiayi, CHY Chiayi, CHUB Ta-pu, CHUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, STYT Ta-yuan, STYT Ta-yuan, WTP Ta-pu, WTP Ta-pu, WSF Szu, WSF Szu, WGSF Puzi, WGSF Puzi, CHN1 Nanshi, CHN1 Nanshi, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, TWG Pinlang, TWG Pinlang, TJT Tarama, TJT Tarama, SGST Jiashian, SGST Jiashian, MATB Ma-tsu, MATB Ma-tsu, CHN3 Shinhua, CHN3 Shinhua, WVUC VWUC, WVUC VWUC, SCLT Jiali, SCLT Jiali, SCLT Taimali, SCLT Taimali, ECL Eielson, ECL Eielson, TAI1 Yung-kang, TAI1 Yung-kang, TWM1 Shoushan, TWM1 Shoushan, SGLT Jiouru, SGLT Jiouru, SGLT Jiouru, MASBT Mashbuluo, MASBT Mashbuluo, JIRB Irabujima, JIRB Irabujima, PNG Penghu, PNG Penghu, PHUB P'eng-hu, PHUB P'eng-hu, EAST Anshuo, EAST Anshuo, JIKM Ikemajima, JIKM Ikemajima, JKM Miyako jima 2, JKM Miyako jima 2, JMJ Miyako jima 2, JMJ Miyako jima 2, WSSB Gushan, WSSB Gushan, WSSB WSSB.

2012 JAN

Table of station data for 2012 JAN, including columns for station name, coordinates, and status. Stations include SCZT Fangliu, SCZT Fangliu, LAY Lan-yu, LAY Lan-yu, JOGS Gusukube, JOGS Gusukube, TWP Hsiao-liuchiu, TWP Hsiao-liuchiu, HEN Hengchun, HEN Hengchun, TWK1 Hengchun, TWK1 Hengchun, TWK2T Hengchun, TWK2T Hengchun, QZH Quanzhou, QZH Quanzhou, KNM Kinmen, KNM Kinmen, KNMB Chin-men Tao, KNMB Chin-men Tao, JKE Kume jima 2, JKE Kume jima 2, JAGN Aguni-jima, JAGN Aguni-jima, JINT2 Nagatogoyohara, JINT2 Nagatogoyohara, JIHW Iheya, JIHW Iheya, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOKE Okinoerabujima, JOKE Okinoerabujima, VDOS Pratas Island, VDOS Pratas Island, JTK Tokoshima, JTK Tokoshima, JAMM Amaminishikomi, JAMM Amaminishikomi, JAM Amami Oshima, JAM Amami Oshima, JNU Nakatsu, JNU Nakatsu, KS15 Wonju Array S1, KS15 Wonju Array S1, KS15 Wonju Array B, KS15 Wonju Array B, KSRS Korea Array, KSRS Korea Array, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KKM Kota Kinabalu, KKM Kota Kinabalu, USRK Ussuriysk Arr, USRK Ussuriysk Arr, CHTO Chiang Mai Arr, CHTO Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SBUM Sibiu, SBUM Sibiu, KLR Kul'dur, KLR Kul'dur, ULN Ulanabatarr, ULN Ulanabatarr, SONAO Songino Array, SONAO Songino Array, SONM Songino Array, SONM Songino Array, IPM Iloh, IPM Iloh, TLY Talaya, TLY Talaya, TLY Talaya, TLY Talaya, PSI Prapat, PSI Prapat, PSI Prapat, PSI Prapat, MANU Manus Island, MANU Manus Island, MK32 Makanchi Array, MK32 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, ZAA1 Zalesovo Array, KURKB Kurchatov Arra, KURKB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, WR1 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, BVAR Borovoye Array, BVAR Borovoye Array, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ABKAR Akbulak array, ABKAR Akbulak array, STKA Stephens Creek, STKA Stephens Creek, ILAR Eielson Array, ILAR Eielson Array, ILB Eielson Array, ILB Eielson Array, ARAO ARCES Array B, ARAO ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, INK Inuvik, INK Inuvik, INK Inuvik, INK Inuvik, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKB Yellowknife Ar, YKB Yellowknife Ar, NV01 Mina Array Sit, NV01 Mina Array Sit, BLVK Black Mountain, BLVK Black Mountain, NNC 25 08:39:31.6, NNC 25 08:39:31.6, IDC 25 08:39:35.0, IDC 25 08:39:35.0, IDC 25 08:39:35.0, IDC 25 08:39:35.0.

1180

Table of station data for 1180, including columns for station name, coordinates, and status. Stations include KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array, BVAO Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KEMA Kemaliye, KEMA Kemaliye, KEMA Kemaliye, HEKM Malatya_Hekimh, HEKM Malatya_Hekimh, HEKM Malatya_Hekimh, HEKM Malatya_Hekimh, ILIC ilic-Erzincan, ILIC ilic-Erzincan, ELZG Elazig, ELZG Elazig, ELZG Elazig, ELZG Elazig, PTK Pertek, PTK Pertek, PTK Pertek, PTK Pertek, MALT Malatya, MALT Malatya, MALT Malatya, MALT Malatya, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, AKCD Akcadag, CUKAN kangal_SIVAS, CUKAN kangal_SIVAS, CUKAN kangal_SIVAS, DARE Darend-Malatya, DARE Darend-Malatya, DARE Darend-Malatya, SUSE Susehri, SUSE Susehri, SUSE Susehri, SUSE Susehri, KELT Kelkit, KELT Kelkit, KELT Kelkit, KELT Kelkit, URFA Urfa, URFA Urfa, URFA Urfa, URFA Urfa, SVSK Karacayir, SVSK Karacayir, SVSK Karacayir, SVSK Karacayir, ESPY Espiye-Giresun, ESPY Espiye-Giresun, ESPY Espiye-Giresun, ESPY Espiye-Giresun, MEX 25 08:43:27.0, MEX 25 08:43:27.0, MEX 25 08:43:27.0, MEX 25 08:43:27.0, PCIG Comitan, PCIG Comitan, PCIG Comitan, PCIG Comitan, TGIG TGIG, TGIG TGIG, TGIG TGIG, TGIG TGIG, MEX 25 08:46:13.8, MEX 25 08:46:13.8, MEX 25 08:46:13.8, MEX 25 08:46:13.8, PCIG Comitan, PCIG Comitan, PCIG Comitan, PCIG Comitan, TGIG TGIG, TGIG TGIG, TGIG TGIG, TGIG TGIG, ISCJB 25 08:50:24.6, ISCJB 25 08:50:24.6, MEX 25 08:50:24.0, MEX 25 08:50:24.0, IDC 25 08:50:25.6, IDC 25 08:50:25.6, IDC 25 08:50:28.1, IDC 25 08:50:28.1, PCIG Comitan, PCIG Comitan, PCIG Comitan, PCIG Comitan, TGIG TGIG, TGIG TGIG, TGIG TGIG, TGIG TGIG, CMIG Matias Romero, CMIG Matias Romero, JTS JuntasAbangare, JTS JuntasAbangare, JTS JuntasAbangare, JTS JuntasAbangare, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRBG Karabiga-Canak, LPK Lapseki, RKY Sarkoy-Tekirda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalevovo Beam, etc.

MEX 25 12:18:21.9-0.4, 18.30N x 103.54W, h24km, 6km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, CJM Chamela, ZIIG Zihuatanejo, etc.

JMA 25 12:23:43.0-0.1, 39.21N-142.59E, h28km, 1km, M2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIJY Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, etc.

IDC 25 12:36:56.8-3.2, 2.85N-127.77E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/3s, mbmtmp3.6/4, Error ellipse: s-maj=135.0km s-min=102.7km az=137.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 25 12:43:05.5-1.2, 36.29N-44.78E, h15km, ML3.2, Error ellipse: s-maj=23.1km s-min=12.9km az=139.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUKT Cukurra, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 12:43:09.3-1.4, 36.48N-0.04, 44.48E, h0km, mb3.1/3km, n13, r156/22, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUKT Cukurra, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 12:43:37.5-3.9, 15.31S-173.57W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.6/3.1, mbmtmp3.9/3.3, ML3.9/1, Error ellipse: s-maj=234.6km s-min=26.1km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 12:54:40.2-57.2, 0.4699N-47.85E, h0km, Error ellipse: s-maj=216.0km s-min=139.2km az=44.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASO1.174, I46RU ZALESOVO INFRA2.32, etc.

NIED 25 13:01:00, 37.80N, 144.20E, h5km, Mw4.0 Best double couple: M9.740000, 104. N1.192.00000, 829.00000, 1.8-0.00000, N2.29.180.00000, 861.00000, 1.9-01.00000

IDC 25 13:01:37.0-0.9, 37.65N, 144.36E, h0km, mb3.7/11, mb1 3.9/14, mb1mx3.7/2, mbmtmp3.7/14, 3.14, 3.43, MS2.8/4, Ms1 2.8/4, ms1mx2.5/5.8, Error ellipse: s-maj=20.9km s-min=18.0km az=106.0

ISCJB 25 13:01:40.6-0.6, 37.90N, 0.04, 144.19E, 0.05, h33km, mb3.7/11, MS3.6/1, Error ellipse: s-maj=5.3km s-min=5.2km az=21.2

JMA 25 13:01:40.5-0.2, 37.84N, 144.15E, h44km, M3.9

ISC 25 13:01:42.1-0.9, 37.85N, 0.05, 144.23E, 0.07, h35km, n36, r2.11/5.2, mb3.7/11, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, MIJY Miyakonagasawa, etc.

IDC 25 13:05:54.6-60.5, 0.4636N-47.98E, h0km, Error ellipse: s-maj=223.5km s-min=142.4km az=43.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASO1.190, I46RU ZALESOVO INFRA2.31, etc.

IDC 25 13:05:04.5-1.2, 34.63N-23.34E, h0km, mb3.7/5, mb1 3.7/7, mb1mx3.4/4.7, mbmtmp3.7/7, ML3.7/2, Error ellipse: s-maj=31.2km s-min=19.1km az=154.0

ATH 25 13:05:09, 0.34, 58N-23.50E, h14km, 2km, ML3.4/4, Error ellipse: s-maj=3.3km s-min=1.8km az=193.0

CSEM 25 13:05:10.3-0.6, 34.58N-23.57E, h28km, 3km, ML3.0, Error ellipse: s-maj=9.8km s-min=4.1km az=23.0

THE 25 13:05:12.6, 34.60N-23.72E, h17km, 1km, ML3.0/7, Error ellipse: s-maj=2.0km s-min=1.4km az=26.0

ISC 13:05:19.2-1.6, 34.50N-0.07, 23.56E, 0.05, h31km, n36, n6.1, r15/0.81, mb3.7/5, Create

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD Gavdhos, I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASO1.190, etc.

25d 14h

Table with columns for call ID, name, phone number, and status. Includes entries like X49A Woodville, 30.03 345 P, and X43A Socs Landing, 30.04 336 P.

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Table with columns for call ID, name, phone number, and status. Includes entries like X37A Clayton, 33.36 333 P, and X37A Clayton, 33.36 333 eP.

1186

Table with columns for call ID, name, phone number, and status. Includes entries like WMOK Wichita Mounta, 35.14 329 eP, and WMOK Wichita Mounta, 35.14 329 eP.

M41A Milan	baz=150,SNR=7.1	37.60 344	P	P	14 44 12.0	-1.3	J36A Seneca 1, Swea	baz=161	40.53 341	P	P	14 44 35.8	-2.0	E35A Pequot Lakes	comp=Z,127nm,1.5s	43.46 343	P	P	14 45 00.6	-1.1
O37A Wolven Farm, M	baz=152	37.65 339	P	P	14 44 12.5	-1.2	L33A Hoskins	baz=154	40.55 337	P	P	14 44 36.3	-1.7	D37A Cotton	baz=155	43.47 345	P	P	14 45 01.1	-0.7
Q34A Chapman	baz=147,SNR=6.1	37.66 335	P	P	14 44 13.2	-0.7	K34A Le Mars	baz=151	40.56 339	P	P	14 44 36.5	-1.6	N23A Red Feather L	baz=157,SNR=9.1	43.49 328	P	P	14 45 03.2	+0.8
KSU1 Kansas State U	baz=148	37.68 335	P	P	14 44 13.0	-1.0	I38A Scanlan Farm,	baz=157,SNR=10	40.57 344	P	P	14 44 36.7	-1.4	N23A Red Feather L	baz=137,SNR=8.6	43.49 328	eP	P	14 45 03.3	+0.8
KSU1 Kansas State U	comp=Z,36nm,0.8s	37.68 335	eP	P	14 44 13.2	-0.8	H40A Chili	baz=160	40.60 346	P	P	14 44 37.2	-1.1	G31A Conde	comp=Z,17nm,1.1s	43.52 339	P	P	14 45 00.9	-1.3
L44A Lake County Fo	baz=163	37.71 347	P	P	14 44 13.1	-1.1	G43A Wallace	baz=164,SNR=7.5	40.62 349	P	P	14 44 37.6	-0.9	PHWY Pilot Hill	comp=Z,12nm,0.9s	43.54 329	eP	P	14 45 01.6	-1.2
N39A Derby Farms, D	baz=155,SNR=9.1	37.73 341	P	P	14 44 13.2	-1.2	F46A Grand Marv City C	baz=169	40.64 352	P	P	14 44 38.6	0.0	C39A Grand Marv City	baz=162,SNR=5.3	43.56 348	P	P	14 45 01.7	-0.8
P35A Duane Minner,	baz=149	37.80 336	P	P	14 44 13.9	-1.1	F45A CMU Biological	baz=168,SNR=5.9	40.66 351	P	P	14 44 38.5	-0.3	E34A Wadena	baz=154	43.65 342	P	P	14 45 01.9	-1.3
N38A Joes South For	baz=154	37.89 340	P	P	14 44 14.6	-1.2	L32A Elgin	baz=148	40.70 336	P	P	14 44 38.1	-1.2	D36A Goodland	baz=157,SNR=7.2	43.68 345	P	P	14 45 02.4	-1.0
L43A Garden Prairie	baz=162,SNR=6.5	37.90 346	P	P	14 44 14.5	-1.3	G42A Mountain	baz=163,SNR=16	40.75 348	P	P	14 44 38.7	-0.8	C38A Sawbill Land.	baz=160	43.72 347	P	P	14 45 02.5	-1.2
M40A Post Highland	baz=157	37.91 343	P	P	14 44 14.5	-1.3	J35A Millford	baz=152	40.85 340	P	P	14 44 38.7	-1.8	D35A Remer	baz=156	43.80 344	P	P	14 45 03.0	-1.7
O36A Bolckow	baz=151	37.91 338	P	P	14 44 14.5	-1.5	I37A Lemond, Waseca	baz=155	40.85 342	P	P	14 44 38.8	-1.7	E33A Westby DABS, E	baz=153	43.94 342	P	P	14 45 03.6	-1.6
L42A Oliver, Polo	baz=162	37.96 345	P	P	14 44 15.0	-1.3	H39A Augusta	baz=154	40.88 345	P	P	14 44 39.6	-1.0	C37A Embarrass	baz=159	43.94 346	P	P	14 45 05.0	-0.6
P34A Walnut Farm, R	baz=148,SNR=10	38.14 336	P	P	14 44 17.0	-0.9	TUC Tucson	baz=124	40.95 315	eP	P	14 44 43.0	+1.5	EYMN Ely	baz=160,SNR=5.9	43.98 346	P	P	14 45 04.9	-1.0
M39A Webster	baz=156	38.17 342	P	P	14 44 17.2	-0.9	TUC Tucson	comp=Z,31nm,1.0s	40.95 315	eP	pmax	14 44 43.1	+1.5	EYMN Ely	comp=Z,18nm,0.8s	43.98 346	eP	P	14 45 04.0	-1.9
N37A Lee Faris, Mou	baz=152	38.19 339	P	P	14 44 17.3	-1.4	TUC Tucson	comp=Z,31nm,1.0s	40.95 315	eP	pmax	14 44 43.1	+1.5	F31A Hecla	baz=150,SNR=5.6	44.08 339	P	P	14 45 04.9	-1.8
L41A Preston	baz=159,SNR=13	38.24 344	P	P	14 44 17.3	-1.4	SDCO Great Sand Dun	comp=Z,31nm,1.0s	41.01 325	P	P	14 44 43.6	+1.4	C36A Pine Crest Far	baz=158,SNR=7.5	44.13 345	P	P	14 45 06.3	-0.9
AUSP Uspallat	baz=162	38.27 169	eP	P	14 44 22.0	+2.6	SDCO Great Sand Dun	comp=Z,36nm,1.1s	41.03 329	P	P	14 44 43.2	+1.0	D34A Park Rapids	baz=155	44.17 343	P	P	14 45 06.0	-1.4
K43A Burlington	baz=162	38.30 347	P	P	14 44 17.7	-1.5	J34A George	baz=151	41.03 339	P	P	14 44 40.7	-1.3	O20A White River Ci	baz=133,SNR=9.0	44.20 326	P	P	14 45 09.1	+1.1
O35A Humboldt	baz=150	38.39 337	P	P	14 44 18.1	-1.9	F43A Flat Rock, Esc	baz=165	41.07 350	P	P	14 44 41.1	-1.1	O20A White River Ci	comp=Z,30nm,0.8s	44.20 326	eP	P	14 45 07.8	-0.4
L40A Anamosa	baz=158,SNR=5.3	38.43 344	P	P	14 44 19.0	-1.3	F44A Big Bay de Noc	baz=166,SNR=8.7	41.09 351	P	P	14 44 41.7	-0.7	GLA Glamis	baz=120	44.24 313	P	P	14 45 09.8	+1.5
M38A Pleasantville	baz=154,SNR=5.5	38.44 341	P	P	14 44 19.0	-1.4	H38A Maiden	comp=Z,31nm,1.1s	41.14 344	P	P	14 44 41.6	-1.2	U15A North Rim	comp=Z,27nm,1.9s	44.32 319	eP	P	14 45 10.1	+1.0
NCB Newcomb	baz=159,SNR=11	38.46 4	eP	P	14 44 20.8	+0.3	G40A Rial Lake	baz=161,SNR=8.6	41.14 346	P	P	14 44 41.6	-1.2	Y12C Blythe	baz=121,SNR=7.0	44.38 314	P	P	14 45 11.0	+1.7
N36A Muff Farm, Cla	baz=151	38.51 339	P	P	14 44 19.8	-1.3	F42A Maple Grove Fa	baz=164	41.18 349	P	P	14 44 42.3	-0.8	Y12C Blythe	comp=Z,32nm,1.1s	44.38 314	eP	P	14 45 10.7	+1.4
K42A Prairie Point,	baz=161	38.61 346	P	P	14 44 20.5	-1.3	I35A Creekvievw Farm	baz=153	41.21 341	P	P	14 44 41.8	-1.7	C35A Jirli Farms, M	baz=156,SNR=7.9	44.40 315	P	P	14 45 07.9	-1.2
O34A Beatrice	baz=148	38.63 336	P	P	14 44 20.4	-1.7	H37A Dierke Farm, C	baz=166	41.23 343	P	P	14 44 42.1	-1.5	PDMCI Parker Dam,Lak	baz=122,SNR=5.6	44.40 315	P	P	14 45 10.8	+1.4
K41A Shullsburg	baz=159	38.69 345	P	P	14 44 21.4	-1.0	H32A Verdigre	baz=149	41.24 337	P	P	14 44 41.8	-1.9	D33A AnnSam, Waubun	baz=154,SNR=9.7	44.41 342	P	P	14 45 07.8	-1.5
L39A Winton	baz=157	38.71 343	P	P	14 44 21.5	-1.1	F41A Three Lakes	baz=162,SNR=8.0	41.36 348	P	P	14 44 43.8	-0.8	E31A Nome	baz=150,SNR=5.3	44.56 340	P	P	14 45 08.5	-2.0
M37A Trindle Farm,	baz=153	38.71 340	P	P	14 44 21.5	-1.2	G39A Holcomb	baz=159,SNR=30	41.41 345	P	P	14 44 44.1	-1.0	C34A RKU Ranch, Bem	baz=154,SNR=7.5	44.60 316	P	P	14 45 09.5	-1.3
N35A Tabor	baz=150	38.80 338	P	P	14 44 22.3	-1.2	J33A Davis	baz=150	41.42 338	P	P	14 44 43.7	-1.5	W13A Hulapal Mount	comp=Z,29nm,1.3s	44.64 316	eP	P	14 45 12.9	+1.2
CBKS Cedar Bluff	baz=143	38.82 332	P	P	14 44 23.7	-0.1	G38A Ridgeland	baz=158,SNR=6.5	41.48 345	P	P	14 44 44.4	-1.3	SRU San Rafael Sw	comp=Z,31nm,1.1s	44.85 323	eP	pmax	14 45 13.8	+0.6
CBKS Cedar Bluff	comp=Z,27nm,0.9s	38.82 332	eP	pmax	14 44 23.4	-0.3	K31A O'Neill	baz=147	41.57 350	P	P	14 44 45.8	-0.5	SRU San Rafael Sw	comp=Z,31nm,1.1s	44.85 323	eP	pmax	14 45 13.8	+0.6
CBKS Cedar Bluff	comp=Z,26nm,0.9s	38.82 332	eP	P	14 44 23.2	-1.0	E43A Lone Tree Farm	baz=153,SNR=6.3	41.57 350	P	P	14 44 45.8	-0.5	B35A Bob, Littlefor	baz=157,SNR=6.9	44.92 345	P	P	14 45 12.4	-1.0
SCIA State Center	baz=155	38.89 341	P	P	14 44 23.1	-1.0	X18A Snowflake	comp=Z,28nm,1.0s	41.66 318	eP	P	14 44 49.0	+1.6	RSSD Black Hills	baz=141	44.99 333	P	P	14 45 14.7	+0.4
SCIA State Center	comp=Z,36nm,0.9s	38.89 341	eP	P	14 44 23.1	-1.0	ECSD EROS Data Cent	baz=151,SNR=11	41.66 339	eP	P	14 44 45.2	-1.9	RSSD Black Hills	comp=Z,23nm,1.0s	44.99 333	eP	pmax	14 45 14.3	0.0
O33A Hebron	baz=147,SNR=9.2	38.90 335	P	P	14 44 23.8	-0.6	ECSD EROS Data Cent	comp=Z,33nm,1.5s	41.66 339	eP	P	14 44 45.2	-1.9	RSSD Black Hills	comp=Z,23nm,1.0s	44.99 333	eP	P	14 45 14.3	0.0
JFWS Jewell Farm	baz=160,SNR=10	38.96 345	P	P	14 44 23.5	-1.3	I34A Hadley	baz=152	41.66 340	P	P	14 44 45.9	-1.3	BC3 Big Chuckkawall	comp=Z,22nm,1.0s	45.00 314	P	P	14 45 15.7	+1.3
JFWS Jewell Farm	comp=Z,28nm,0.6s	38.96 345	eP	pmax	14 44 24.0	-0.7	Q24A Divide	comp=Z,9.7nm,1.0s	41.68 327	eP	P	14 44 48.5	+0.7	P18A Preston Nutter	comp=Z,60nm,1.9s	45.01 324	eP	P	14 45 15.0	+0.4
JFWS Jewell Farm	comp=Z,28nm,0.6s	38.96 345	eP	P	14 44 24.0	-0.7	F40A Park Falls	baz=151,SNR=9.9	41.76 347	P	P	14 44 47.2	-0.7	IRM Iron Mountain	baz=121,SNR=17	45.03 314	P	P	14 45 16.0	+1.4
J43A Natural Harves	baz=161	38.97 347	P	P	14 44 23.6	-1.2	S22A 4UR Ranch, Cre	baz=133,SNR=18	41.77 324	eP	P	14 44 49.3	+0.8	K22A Casper	comp=Z,11nm,0.8s	45.07 330	P	P	14 45 15.5	+0.6
K40A Colesburg	baz=158,SNR=12	39.00 344	P	P	14 44 23.5	-1.5	S22A 4UR Ranch, Cre	comp=Z,33nm,1.1s	41.77 324	eP	P	14 44 49.3	+0.8	K22A Casper	comp=Z,11nm,0.8s	45.07 330	eP	P	14 45 15.4	+0.6
121A Cookes Peak, D	baz=127,SNR=11	39.02 317	P	P	14 44 27.7	+2.1	E42A Champion	baz=164	41.79 349	P	P	14 44 47.2	-1.0	MTPU Butcher Ranch,	comp=Z,43nm,1.9s	45.20 321	eP	P	14 45 16.2	0.0
121A Cookes Peak, D	comp=Z,140nm,1.8s	39.02 317	eP	P	14 44 27.1	+1.6	SPMN Marine on St.	baz=151	41.79 344	P	P	14 44 47.1	-1.0	P17A Butcher Ranch,	comp=Z,31nm,1.1s	45.21 323	eP	P	14 45 16.5	+0.5
M36A Felix, Anita	baz=152	39.02 339	P	P	14 44 23.5	-1.8	SPMN Marine on St.	comp=Z,26nm,1.1s	41.79 344	eP	P	14 44 46.5	-1.6	LCMT Little Creek M	comp=Z,14nm,1.3s	45.28 319	eP	P	14 45 17.5	+0.9
L38A Oak Wood Farm,	baz=155,SNR=5.2	39.02 342	P	P	14 44 23.8	-1.4	W18A Petrified Fore	baz=127,SNR=18	41.87 319	eP	P	14 44 51.1	+1.9	B34A Aery, Baudette	baz=156,SNR=7.5	45.28 344	P	P	14 45 15.1	-1.2
J42A Columbus	baz=162	39.06 347	P	P	14 44 24.2	-1.4	W18A Petrified Fore	comp=Z,53nm,1.1s	41.87 319	eP	P	14 44 50.3	+1.1	MONP Monument Peak	comp=Z,14nm,1.3s	45.35 313	P	P	14 45 18.2	+1.0
LONY Lake Ozonia	comp=Z,24nm,1.1s	39.08 3	eP	P	14 44 26.0	+0.3	H35A Sunnyside Ranc	baz=154,SNR=5.9	41.91 341	P	P	14 44 47.2	-2.0	B33A Robert and Kas	baz=154	45.33 342	P	P	14 45 15.5	-1.3
N34A Lincoln	baz=149	39.11 337	P	P	14 44 24.1	-1.9	F39A Loretta	baz=150,SNR=6.0	41.94 346	P	P	14 44 48.3	-1.1	TMUT Trail Mountain	comp=Z,15nm,1.2s	45.38 323	eP	P	14 45 18.0	+0.5
SADO Sadowa	comp=Z,24nm,0.8s	39.17 358	eP	P	14 44 26.9	+0.4	I33A Coleman	baz=151	42.03 348	P	P	14 44 49.4	-0.6	AGMN Agassiz Noun	baz=154,SNR=7.1	45.46 343	P	P	14 45 16.5	-1.2
K39A Delwein	baz=157	39.21 343	P	P	14 44 25.1	-1.8	E41A Kenton	baz=159,SNR=7.1	42.07 337	P	P	14 44 49.1	-1.5	AGMN Agassiz Noun	comp=Z,7nm,2.0s	45.46 343	eP	P	14 45 16.4	-1.3
L37A Phoenix Point,</																				

25d 14h

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Table with columns for name, time, and status. Includes entries like HELC Santa Helena, PAMC Pamplona, ZARC Zaragoza, etc.

Table with columns for name, time, and status. Includes entries like U48A Cassie Pea, WVT Waverly, U47A Clarksville, etc.

Table with columns for name, time, and status. Includes entries like T39A Clever, OK021 N350 Road, Q45A Warren Harvey, etc.

P38A	Dawn	baz=157,SNR=6.3	68.09 338	P	P	15 09 15.5 +0.2
Q36A	Arnold C. Orve	baz=154,SNR=25	68.18 336	P	P	15 09 16.2 +0.3
N41A	Harden Midland	baz=152	68.21 341	P	P	15 09 16.0 -0.1
R34A	Isabella, Hill	baz=156	68.28 335	P	P	15 09 17.2 +0.6
Q35A	Mercer Eighty,	baz=151	68.30 336	P	P	15 09 16.9 +0.2
M43A	Waltham Townsh	baz=158,SNR=14	68.33 342	P	P	15 09 16.3 -0.5
P37A	Lathrop	baz=153	68.34 338	P	P	15 09 16.7 -0.1
121A	Cookes Peak, D	baz=140,SNR=12	68.49 324	eP	P	15 09 20.4 +2.2
121A	Cookes Peak, D	comp=Z,24nm,0.9s	68.49 324	eP	P	15 09 20.2 +2.1
O38A	Galt	baz=154,SNR=6.9	68.52 338	P	P	15 09 18.0 0.0
N40A	Mertquake, Sal	baz=156,SNR=10	68.59 340	P	P	15 09 18.0 -0.4
P36A	Good Intent, A	baz=152	68.67 337	P	P	15 09 18.5 -0.4
Q34A	Chapman	baz=157,SNR=9.9	68.70 335	P	P	15 09 19.2 +0.1
KSU1	Kansas State U	baz=151	68.73 336	P	P	15 09 19.2 -0.1
M41A	Milan	baz=157,SNR=6.1	68.73 341	P	P	15 09 18.7 -0.5
L44A	Lake County Fo	baz=159	68.74 343	P	P	15 09 19.4 +0.1
O37A	Wolven Farm, M	baz=153,SNR=5.3	68.78 338	P	P	15 09 19.6 0.0
N39A	Derby Farms, D	baz=155,SNR=18	68.88 339	P	P	15 09 20.0 -0.2
P35A	Duane Minner,	baz=151	68.88 336	P	P	15 09 19.9 -0.3
L43A	Garden Prairie	baz=158,SNR=12	68.97 343	P	P	15 09 20.6 -0.1
N38A	Joes South For	baz=154	69.04 339	P	P	15 09 20.9 -0.3
M40A	Post Highland	baz=156,SNR=16	69.05 340	P	P	15 09 20.8 -0.4
L42A	Oliver, Polo	baz=158	69.06 342	P	P	15 09 20.7 -0.6
BNN	Barren Site,	69.12 325	eP	P	15 09 23.5 +1.4	
P34A	Walnut Farm, R	baz=151,SNR=9.9	69.20 336	P	P	15 09 22.0 +0.5
LPM	Los Pinos Moun	69.25 326	eP	P	15 09 24.3 +1.4	
M39A	Webster	69.32 340	P	P	15 09 22.5 -0.4	
N37A	Lee Faris, Mou	baz=155,SNR=6.5	69.33 338	P	P	15 09 23.0 0.0
K43A	Burlington	baz=153	69.34 343	P	P	15 09 22.7 -0.3
L41A	Preston	baz=159,SNR=7.5	69.36 341	P	P	15 09 22.5 -0.6
O35A	Humboldt	baz=157,SNR=10.0	69.49 337	P	P	15 09 23.3 -0.7
L40A	Anamosa	baz=152	69.56 341	P	P	15 09 24.0 -0.4
LAZ	Ladron	baz=156,SNR=14	69.58 325	eP	P	15 09 26.4 +1.5
M38A	Pleasantville	69.59 339	P	P	15 09 24.3 -0.2	
N36A	Muff Farm, Cla	baz=154,SNR=16	69.64 338	P	P	15 09 25.0 +0.1
ANMO	Albuquerque	baz=142	69.66 326	P	P	15 09 27.0 +1.6
ANMO	Albuquerque	69.66 326	dIP	pP	15 09 27.0 +1.6	
ANMO	Albuquerque	comp=Z,17nm,0.9s	69.66 326	eP	pmax	15 09 26.8 +1.4
ANMO	Albuquerque	comp=Z,17nm,0.9s	69.66 326	eP	pmax	15 09 26.8 +1.4
K42A	Prairie Point,	baz=157,SNR=15	69.69 343	P	P	15 09 25.0 -0.1
O34A	Beatrice	baz=151	69.71 336	P	P	15 09 25.5 +0.2
CBKS	Cedar Bluff	69.72 333	P	P	15 09 26.5 +1.1	
CBKS	Cedar Bluff	69.72 333	eP	P	15 09 26.2 +0.7	
CBKS	Cedar Bluff	comp=Z,33nm,0.9s	69.72 333	eP	pmax	15 09 26.2 +0.7
CBKS	Cedar Bluff	comp=Z,33nm,0.9s	69.72 333	eP	pmax	15 09 26.2 +0.7
K41A	Shullsburg	baz=157,SNR=15	69.79 342	P	P	15 09 25.7 -0.1
L39A	Vinton	baz=153,SNR=13	69.85 340	P	P	15 09 25.9 -0.3
M37A	Trindle Farm,	baz=153,SNR=7.2	69.86 339	P	P	15 09 26.6 +0.4
O33A	Hebron	69.95 335	P	P	15 09 27.3 +0.5	
TUC	Tucson	69.99 321	P	P	15 09 29.0 +1.6	
TUC	Tucson	69.99 321	eP	P	15 09 28.6 +1.3	
TUC	Tucson	comp=Z,32nm,1.3s	69.99 321	eP	pmax	15 09 28.6 +1.3
TUC	Tucson	comp=Z,32nm,1.3s	69.99 321	eP	pmax	15 09 28.6 +1.3
J43A	Natural Harves	baz=159,SNR=8.7	70.00 344	P	P	15 09 27.0 0.0
SCIA	State Center	baz=154	70.04 339	P	P	15 09 27.2 0.0
SCIA	State Center	comp=Z,30nm,0.8s	70.04 339	eP	P	15 09 27.2 0.0
JFWS	Jewell Farm	baz=157,SNR=19	70.06 342	P	P	15 09 27.3 0.0
JFWS	Jewell Farm	70.06 342	eP	P	15 09 27.4 0.0	
JFWS	Jewell Farm	comp=Z,53nm,0.6s	70.06 342	eP	pmax	15 09 27.4 0.0
JFWS	Jewell Farm	comp=Z,53nm,0.6s	70.06 342	eP	pmax	15 09 27.4 0.0
K40A	Colesburg	baz=156,SNR=13	70.12 341	P	P	15 09 27.5 -0.3
J42A	Columbus	baz=158,SNR=6.2	70.13 343	P	P	15 09 27.8 0.0
M36A	Felix, Anita	baz=153,SNR=8.3	70.16 338	P	P	15 09 28.2 +0.2
L38A	Oak Wood Farm,	baz=155	70.17 340	P	P	15 09 27.9 -0.2
N34A	Lincoln	baz=151,SNR=5.5	70.21 337	P	P	15 09 28.1 -0.3
K39A	Oelwein	baz=156,SNR=9.1	70.35 341	P	P	15 09 28.8 -0.3
T25A	Trinidad	baz=144,SNR=16	70.39 329	P	P	15 09 31.6 +1.7
T25A	Trinidad	comp=Z,16nm,0.8s	70.39 329	eP	P	15 09 31.3 +1.4
I43A	Langensfeld Bro	baz=159,SNR=7.5	70.40 344	P	P	15 09 29.2 -0.2
L37A	Phoenix Point,	baz=154	70.41 339	P	P	15 09 29.3 -0.2
J41A	Loganville	baz=157,SNR=14	70.41 342	P	P	15 09 29.4 -0.1
M35A	Neola	baz=152	70.48 337	P	P	15 09 30.6 +0.6
MHTCO	State Highway	comp=Z,16nm,0.9s	70.52 329	eP	P	15 09 32.4 +1.8
K38A	Parkersburg	baz=155	70.57 340	P	P	15 09 30.2 -0.3
I42A	Drager Farm,	baz=158,SNR=9.9	70.60 343	P	P	15 09 30.7 +0.1
J40A	Soldiers Grove	baz=157,SNR=10	70.65 342	P	P	15 09 30.8 -0.2
L36A	Harm Buss Farm	baz=153,SNR=14	70.69 338	P	P	15 09 31.4 +0.2
H43A	Windswept, Lux	baz=180,SNR=5.1	70.86 344	P	P	15 09 31.9 -0.2
J39A	Decorah	baz=156,SNR=12	70.87 341	P	P	15 09 32.1 -0.2
214A	Organ Pipe Nat	baz=136	70.91 320	P	P	15 09 34.8 +2.0
K37A	Belmond	baz=154,SNR=6.7	70.95 340	P	P	15 09 32.4 -0.4
L35A	Bielow Farm, R	baz=152	71.00 338	P	P	15 09 33.0 -0.1
I41A	Ardkale	baz=158	71.02 343	P	P	15 09 32.9 -0.2
40A	Norwalk	baz=157	71.07 342	P	P	15 09 33.2 -0.3
H42A	Shiocton	baz=159	71.08 344	P	P	15 09 33.5 -0.1
J38A	Wedel Dairy, R	baz=155,SNR=5.9	71.08 341	P	P	15 09 33.2 -0.4
K36A	Gilmore City	71.09 339	P	P	15 09 33.9 +0.3	

M33A	Taylor Creek F	baz=153,SNR=15	71.11 336	P	P	15 09 33.8 0.0
KSCO	Kaye Sheddock	baz=151	71.11 331	P	P	15 09 35.4 +1.3
L34A	Svendsen Farm,	baz=152,SNR=9.0	71.16 337	P	P	15 09 34.1 0.0
X18A	Snowflake	comp=Z,12nm,1.0s	71.17 324	eP	P	15 09 35.5 +1.0
I39A	Houston	baz=156,SNR=8.1	71.29 341	P	P	15 09 34.7 -0.1
BGNE	Belgrade	baz=150,SNR=7.0	71.32 336	P	P	15 09 35.8 +0.7
BGNE	Belgrade	comp=Z,149nm,0.8s	71.32 336	eP	P	15 09 35.4 +0.3
SDCO	Great Sand Dun	baz=143,SNR=23	71.40 329	eP	P	15 09 37.7 +1.7
SDCO	Great Sand Dun	comp=Z,44nm,2.0s	71.40 329	eP	P	15 09 37.2 +1.2
J37A	Redenius Farm,	baz=154,SNR=7.8	71.41 340	P	P	15 09 35.6 0.0
F46A	Macinaw City C	baz=153	71.41 347	P	P	15 09 34.9 -0.5
K35A	Storm Lake	baz=153	71.43 338	P	P	15 09 35.7 0.0
H41A	Junction City	baz=158,SNR=9.9	71.47 343	P	P	15 09 35.7 -0.2
F45A	CMU Biological	baz=162	71.48 346	P	P	15 09 35.7 -0.2
W18A	Petrified Fore	baz=139,SNR=5.5	71.50 324	P	P	15 09 38.4 +1.9
W18A	Petrified Fore	comp=Z,22nm,0.9s	71.50 324	eP	P	15 09 38.3 +1.7
G43A	Wallace	baz=160	71.58 345	P	P	15 09 36.3 -0.1
L33A	Hoskins	baz=151	71.65 337	P	P	15 09 37.0 0.0
H40A	Chili	baz=157,SNR=11	71.68 343	P	P	15 09 37.0 -0.1
J36A	Seneca I, Swea	baz=152,SNR=12	71.68 339	P	P	15 09 37.1 0.0
K34A	Le Mars	baz=152	71.69 338	P	P	15 09 37.5 +0.3
I38A	Scanlan Farm,	baz=155,SNR=9.9	71.70 341	P	P	15 09 37.3 0.0
G42A	Mountain	baz=159	71.74 344	P	P	15 09 37.4 -0.1
L32A	Elgin	baz=150	71.78 336	P	P	15 09 37.7 -0.1
X16A	Loisa Camp, P	comp=Z,20nm,1.1s	71.91 322	eP	P	15 09 40.8 +1.8
K33A	Hardington	baz=151	71.94 337	P	P	15 09 38.9 +0.1
F44A	Big Bay de Noc	71.96 346	P	P	15 09 38.0 -0.7	
H39A	Augusta	baz=156	71.98 342	P	P	15 09 38.8 -0.1
F43A	Flat Rock, Esc	baz=160,SNR=0.5	71.99 345	P	P	15 09 38.8 -0.2
J35A	Milford	baz=153	72.00 339	P	P	15 09 38.6 -0.5
I37A	Lemond, Waseca	baz=153	72.00 340	P	P	15 09 39.3 +0.3
S22A	4UR Ranch, Cre	baz=142,SNR=8.8	72.04 328	P	P	15 09 41.4 +1.6
S22A	4UR Ranch, Cre	comp=Z,5.7nm,0.9s	72.04 328	eP	P	15 09 41.2 +1.4
J34A	George	baz=152	72.17 338	P	P	15 09 40.3 +0.2
I36A	Fitzsimmons Fa	baz=154,SNR=6.2	72.19 340	P	P	15 09 40.1 0.0
Q24A	Divide	baz=143,SNR=9.5	72.21 330	P	P	15 09 42.5 +1.6
Q24A	Divide	comp=Z,16nm,0.9s	72.21 330	eP	P	15 09 42.4 +1.6
G40A	Rib Lake	baz=150	72.22 343	P	P	15 09 40.3 0.0
H38A	Maiden Rock	baz=156,SNR=5.1	72.26 341	P	P	15 09 40.7 +0.1
I35A	Creekview Farm	baz=153,SNR=7.6	72.36 339	P	P	15 09 41.3 +0.1
H37A	Dierke Farm, C	baz=155	72.36 341	P	P	15 09 41.4 +0.2
F41A	Three Lakes	baz=159,SNR=12	72.38 344	P	P	15 09 41.4 +0.1
Y14A	Wickenburg, He	comp=Z,82nm,1.3s	72.45 321	eP	P	15 09 43.5 +1.5
MVCO	Mesa Verde	baz=140,SNR=8.1	72.45 326	P	P	15 09 44.0 +1.8
MVCO	Mesa Verde	comp=Z,13nm,0.8s	72.45 326	eP	P	15 09 43.8 +1.6
KOWA	Kowa	comp=Z,25nm,1.5s	72.46 65	eP	P	15 09 41.0 -1.4
E43A	Lone Tree Farm	baz=151	72.47 346	P	P	15 09 41.9 +0.1
G39A	Holcombe	baz=157	72.50 342	P	P	15 09 42.1 +0.1
J33A	Davis	baz=151,SNR=12	72.55 338	P	P	15 09 42.5 +0.2
G38A	Ridgeland	baz=156	72.59 342	P	P	15 09 42.4 -0.1
K31A	O'Neill	baz=150	72.59 336	P	P	15 09 43.3 +0.7
H36A	Jessenland, He	baz=154,SNR=16	72.67 340	P	P	15 09 43.4 +0.4
WU4Z	Wupatki	baz=138,SNR=14	72.69 323	P	P	15 09 45.1 +1.6
WU4Z	Wupatki	comp=Z,24nm,0.9s	72.69 323	eP	P	15 09 45.1 +1.6
E42A	Champion	baz=160	72.73 345	P	P	

25d 16h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M35A Neola, Q41A Truxton, MSO Missoula, etc.

2012 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K39A Oelwein, H34A Spellman Lake, M42A Sheffield, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H42A Shiocton, F39A Loretta, AGMN Agassiz Nation, etc.

ASAR Sn Sn 16 31 10.8 -1.7
USSURIYSK AR. 54.38 6 LR LR 16 57 33.7
MKAR P 16 35 40.1 -0.1

ISCJB 25 16:25:44.2, 0.0, 38.83N, 0.05:142.16E:0.09, h51km,
mb3.6/5, Error ellipse: s-maj=9.9km s-min=6.3km az=18.3

JMA 25 16:25:45.0, 1.3, 38.84N:142.10E, h40km, mb3.1/3,
M3.1, Error ellipse: s-maj=35.0km s-min=16.3km az=90.0

ISC 25 16:25:46.0, 1.2, 38.85N:0.05:142.04E:0.09, h51km, n22,
+0.94/21, mb3.5/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OFUJ, OFUNATO, ICHINOSOKI, etc.

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

WRA Warramunga Arr 58.93 188 P 16 35 39.0 -1.0
ASAR Alice Springs 62.65 188 P 16 36 05.6 +0.4

WAKE ISLAND HY 28.71 124 T 17 02 04.5
WAKE ISLAND HY 28.72 125 T 17 02 03.6

WAKE ISLAND HY 29.48 126 T 17 03 01.1
WAKE ISLAND HY 29.49 126 T 17 03 01.1

WAKE ISLAND HY 29.50 126 T 17 03 02.9
Zalesovo Beam 4.08 311 P 16 33 22.8 -1.6

MKAR Machanchi Arr 43.60 301 P 16 33 45.4 +0.4
KURBE Kurchatov Arr 45.30 307 P 16 33 59.1 +0.7

GUC 25 16:45:43.0, 0.0, 20.01S:69.22W, h91km, 2km, ML3.8,
3C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB08, PB09, PB11, etc.

MINYE MINYE 0.94 338 eP Sn 16 46 02.8 +0.4

PIsagua 0.95 296f eP Sn 16 46 02.3 +0.1

IPOC Station P 1.06 194f eP Sn 16 46 03.9 +0.4

IPOC Station P 1.78 181f eP Sn 16 46 13.4 +0.9

IPOC Station P 2.70 187 eP Sn 16 46 25.6 +0.8

NIED 25 16:53:00.38, 1.0N, 142.70E, h29km, Mw3.6 Best double
couple: M3.33000, 1.04, NP2:297.00000, 855.00000,
lambda=118.00000

JMA 25 16:53:52.7, 0.3, 38.10N:142.71E, h25km, 3km, M3.9

ISC 25 16:53:56.9, 3.1, 38.04N:142.75E, h40km, 29km, mb3.3/8,
mb1 3.4/11, mb1mx3.3/61, mbtmp3.5/11, ML3.2/3, Error
ellipse: s-maj=29.5km s-min=16.5km az=90.0

ISC 25 16:53:53.4, 0.9, 38.03N:0.05:142.50E:0.07, h14km, n21,
+1.68/26, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIO, OFUJ, JMM, etc.

ASAHIKAWA 6.08 1 Pn 16 55 22.3 -0.5

Songino Array 21.97 302 P 16 59 44.9 +1.4

MKAR Machanchi Arr 43.30 301 P 17 02 04.2 +1.4

ILAR Eielson Array 48.19 33 P 17 02 32.9 0.0

BVAR Borovoye Array 50.55 312 P 17 02 52.2 +1.1

WRA Warramunga Arr 58.17 189 P 17 03 46.5 -0.3

ASAR Alice Springs 61.90 189 P 17 04 12.2 -0.2

STKA Stephens Creek 69.56 181 P 17 05 01.3 -0.2

ISCJB 25 16:58:50.1, 0.8, 52.31N:0.05:166.82W:0.1, h10km,
mb3.7/9, Error ellipse: s-maj=8.6km s-min=7.7km az=1.1

NEIC 25 16:58:53.9, 0.0, 52.55N:166.91W, h6km, ML3.0(AEIC),
After AEIC

ISC 25 16:58:57.1, 5.3, 53.55N:167.23W, h0km, mb3.7/9,
mb1 3.8/10, mb1mx3.5/66, mbtmp3.7/10, ML3.0/1, Error
ellipse: s-maj=131.0km s-min=21.4km az=169.0

ISC 25 16:58:53.1, 1.6, 52.51N:0.08:166.96W:0.08, h10km, n32,
+1.04/30, mb3.7/9, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OKFG, OKTK, OKSP, etc.

ISCJB 25 17:02:52.0, 0.4, 47.29S:0.07:12.6W:0.1, h10km,
mb4.7/22, MS4.0/18, Error ellipse: s-maj=11.0km
s-min=8.9km az=26.2

ISC 25 17:02:52.0, 0.6, 47.44S:12.53W, h0km, mb4.4/11,
mb1 4.5/11, mb1mx4.3/29, mbtmp4.4/11, MS4.0/17,
Ms1 4.0/17, ms1mx3.9/27, Error ellipse: s-maj=22.5km
s-min=17.8km az=131.0

NEIC 25 17:02:54.0, 0.3, 47.34S:12.56W, h10km, mb4.8/13, Error
ellipse: s-maj=22.5km s-min=17.8km az=131.0

elliptipse: s-maj=11.3km s-min=7.6km az=157.0
GCMT 25 17:02:54.0, 0.2, 47.59S:12.39W, h15km, km, MW5.0/100,
Moment Tensor Solution. s1: c35; s100; c134;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.48; 13;
M2=2.40; 13; M3=1.91; 12; M4=0.16; 21; M5=3.08; 11;
M6=1.40; 29; Best double couple: M4.03200/1016
NP1:29.161.00000, 884.00000, lambda=21.00000. NP2:
25.00000, 869.00000, lambda=173.00000. Principal axes:
T 4.1450, P1g10.0000, Azm209.0000; N -N.2190,
P1g68.0000; Azm325.0000; P -3.9190, P1g19.0000;
Azm17.0000; N1a1 refers to surface waves, cutoff=40s.

ISC 25 17:02:53.8, 0.4, 47.41S:0.10:12.5W:0.1, h10km, n82,
+0.92/52, mb4.6/22, MS4.1/18, 1D, Southern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA2, VNA3, SNA4, etc.

TRQA Torquait 36.95 266 eP Sn 17 10 02.9 0.0

TSUM Tsumeb 37.33 51 eP P 17 10 06.9 +0.4

LBTB Lobatse 37.50 67 P 17 10 07.4 -0.5

LBTB Lobatse 37.50 67 P 17 10 07.4 -0.5

H10S2 ASCENSION HYDR88 36 357 T 17 51 11.5

H10S1 ASCENSION HYDR88 37 357 T 17 51 20.4

H10S1 ASCENSION HYDR88 38 357 T 17 51 17.7

H10N1 ASCENSION HYDR89 46 357 T 17 52 18.7

H10N3 ASCENSION HYDR89 47 357 T 17 52 26.9

H10N2 ASCENSION HYDR89 48 357 T 17 52 19.9

CPUP Villa Florida 40.85 285 P 17 10 37.2 +1.4

CPUP Villa Florida 40.85 285 P 17 10 37.2 +1.4

PLCA Paso Flores 41.36 257 P 17 10 38.7 -1.2

PLCA Paso Flores 41.36 257 eP LR 17 28 20.8

MAW Mawson 41.97 146 LR 17 24 35.6

MATP Matopos 42.69 65 P 17 10 50.9 -0.1

MATP Matopos 42.69 65 P 17 10 50.9 -0.1

QSPA South Pole Qui 42.85 180 eP 17 10 52.2 +0.4

PEL Peldehute 45.56 266 eP P 17 11 14.4 +0.6

LSZ Lusaka 46.46 60 eP P 17 11 21.5 +0.4

PB11 IPOC Station P 53.56 281 eP P 17 12 15.3 +0.2

LIC Lamto 53.82 9 eP P 17 12 16.3 -0.4

KIC Kribok 53.98 10 eP P 17 12 17.3 -0.6

TIC Toumoudi 54.23 9 eP P 17 12 18.9 -0.9

DBIC Dimbokro 54.27 9 P 17 12 19.3 -0.7

DBIC Dimbokro 54.27 9 P 17 12 19.3 -0.7

LPAZ La Paz 55.03 285 eP P 17 12 24.4 -1.9

VNDA Vanda 55.29 179 P 17 12 24.8 -2.0

VNDA Vanda 55.29 179 P 17 12 24.8 -2.0

TOA0 Torodi Arr 61.62 16 eP P 17 13 11.3 -0.2

TORD Torodi Arr 61.62 16 eP P 17 13 10.1 -1.4

TORD Torodi Arr 61.62 16 eP P 17 13 10.1 -1.4

TOA1 Torodi Arr 61.62 16 eP P 17 13 11.3 -0.2

KOWA Kowa 62.10 9 eP P 17 13 14.6 -0.2

KRMB Kilima Mbogo 63.08 59 LR 17 37 43.1

ROSC El Rosal 75.02 295 LR 17 46 55.0

RUSC La Rusia 75.08 274 eP P 17 14 35.9 -0.7

KEST Kesra 85.06 18 LR 17 50 23.3

H012 Cape Leeuwin H 85.15 139 T 17 50 55.5

H011 Cape Leeuwin H 85.15 139 T 17 50 54.8

H013 Cape Leeuwin H 85.15 139 T 17 51 00.6

ESDC Sonsea Array 87.04 7 P 17 54 00.0 +0.9

ESDC Sonsea Array 87.04 7 P 17 54 00.0 +0.9

ESDC Sonsea Array 87.04 7 P 17 54 00.0 +0.9

Table with columns: KRSS, Korea Array, 149.46 94 PKPbc, 17 22 44.2 +1.5

Table with columns: NVAR, Mina Array Bea, 85.24 44 P, 17 17 20.7 +0.9

Table with columns: KSDI, Kefar Szold, 2.85 124 Pn, 17 36 47.5 -0.1

ISN 25 17:05:24.0-4.1, 39.59N-43.75E, h0km, m13.6

ISC 25 17:18:32.7-2.4, 20.3S:0.5:177.4W:0.4, h500km, mb4.0/7,

IDC 25 17:43:31.7-1.6, 44.63N:11.04E, h0km, mb3.7/1,

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISN 25 17:05:25.7-1.0, 38.53N-43.73E, h10km, ML3.7, Error

ISC 25 17:18:32.2-2.0, 20.3S:0.4:177.4W:0.3, h500km, n13,

IDC 25 17:43:35.3-0.1, 44.92N:10.51E, h10km, ML3.8/27, Error

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

25d 17h

PTF	Prato	1.01 155	Pg	Pb	17 43 55.0	-0.4
SEI	Scarperia	1.03 142	Pg	Pb	17 43 55.4	-0.4
SEI	Scarperia	1.03 142	Pg	Pb	17 43 55.4	-0.4
BRIS	BRISIGHELLA	1.03 134	Pg	Pb	17 43 57.5	+1.7
BRIS	BRISIGHELLA	468nm,0.8s	Pg	Pb	17 43 57.5	+1.7
IMOL	Imola, Italy	1.04 119	Pg	Pb	17 43 56.9	+1.0
IMOL	Imola, Italy	395nm,33.0s	Pg	Pb	17 43 56.9	+1.0
RNI	Roncone	1.11 5	ePg	Pb	17 43 56.9	-0.3
RNI	Roncone	1.11 5	ePg	Pb	17 43 56.9	-0.3
RNI	Roncone	1.11 5	ePg	Pb	17 44 12.6	+1.8
CRMI	Carmignano	1.14 162f	ePg	Sg	17 43 57.3	-0.3
CRMI	Carmignano	955nm,0.7s	ePg	Sg	17 43 57.3	-0.3
CRMI	Carmignano	1.14 162f	ePg	Sg	17 44 13.1	+1.9
GENL	Genova Univers	1.17 247	P	Pn	17 43 59.6	+1.5
MABI	Malga Bissina	1.18 1	Pg	Pn	17 43 57.6	+0.3
MABI	Malga Bissina	892nm,0.5s	Pg	Pn	17 44 13.8	+1.3
VMG	Vicchio	1.19 140	Pg	Pb	17 43 58.0	-0.4
VMG	Vicchio	1.19 140	Pg	Pb	17 43 58.0	-0.4
PANI	Panarotta	1.32 272	ePg	Sb	17 44 18.4	+0.1
PANI	Panarotta	1.32 272	ePg	Sb	17 44 18.4	+0.1
CGRP	Cima Grappa	1.37 42	Pg	Pn	17 43 59.2	-0.7
CGRP	Cima Grappa	1.37 42	Pg	Pn	17 43 59.2	-0.7
CGRP	Cima Grappa	1.37 42	ePg	Pn	17 43 59.6	-0.3
SFI	Santa Sofia	1.38 134	Pg	Pb	17 44 00.8	-0.9
SFI	Santa Sofia	680nm,0.8s	Pg	Pb	17 44 00.8	-0.9
PCP	Piancastagn	1.42 257	Pg	Pb	17 44 02.6	+0.3
PCP	Piancastagn	1.42 257	Pg	Pb	17 44 02.6	+0.3
ASQU	Asqua	1.43 138	Pg	Pn	17 44 01.3	+0.7
ASQU	Asqua	415nm,0.5s	Pg	Pn	17 44 01.3	+0.7
ASQU	Asqua	415nm,0.5s	Pg	Pn	17 44 01.3	+0.7
CTI	Castel Tesino	1.43 35	Pg	Pn	17 44 00.5	-0.2
CTI	Castel Tesino	1.43 35	Pg	Pn	17 44 00.5	-0.2
MUGIO	Muggio	1.46 316	Pg	Pn	17 44 01.3	+0.4
MUGIO	Muggio	1.46 316	Pg	Pn	17 44 01.3	+0.4
ROTM	Rocchetta Tana	1.51 270	Pg	Pb	17 44 04.3	+0.4
ROTM	Rocchetta Tana	3um,0.4s	Pg	Pb	17 44 04.3	+0.4
CSNT	Castellina Chi	1.52 157	Pg	Pn	17 44 02.2	+0.4
CARE	Lago del Cares	1.56 6	ePg	Pn	17 44 03.5	+0.9
CARE	Lago del Cares	1.56 6	ePg	Pn	17 44 03.5	+0.9
VARE	Varese	1.56 310	Pg	Pn	17 44 03.3	+0.9
VARE	Varese	1.56 310	Pg	Pn	17 44 03.3	+0.9
OZOL	Ozolo	1.58 15	ePg	Pn	17 44 03.4	+0.7
OZOL	Ozolo	1.58 15	ePg	Pn	17 44 03.4	+0.7
VARN	Col Varnada, M	1.60 45	ePg	Pn	17 44 02.6	-0.3
VARN	Col Varnada, M	1.60 45	ePg	Pn	17 44 02.6	-0.3
BRMO	Bormio	1.60 357	Pg	Pb	17 44 04.2	-1.3
BRMO	Bormio	206nm,0.6s	Pg	Pb	17 44 04.2	-1.3
BRMO	Bormio	1.60 357	Pg	Pb	17 44 04.3	+1.2
OLNO	Quiliano	1.62 251	Pg	Pn	17 44 03.9	+0.4
OLNO	Quiliano	410nm,0.6s	Pg	Pn	17 44 03.9	+0.4
CRE	Caprese Michel	1.64 139	Pg	Pn	17 44 05.1	+1.0
CRE	Caprese Michel	566nm,1.0s	Pg	Pn	17 44 05.1	+1.0
APPI	Appiano	1.69 18	Pg	Pn	17 44 05.1	+1.0
APPI	Appiano	792nm,0.3s	Pg	Pn	17 44 05.1	+1.0
APPI	Appiano	1.69 18	Pg	Pn	17 44 05.1	+1.1
FINB	Finale Ligure	1.69 246	Pg	Pn	17 44 05.2	+0.7
FINB	Finale Ligure	2um,0.4s	Pg	Pn	17 44 05.2	+0.7
KOSI	Kohlern	1.71 21	Pg	Pn	17 44 05.2	+0.7
KOSI	Kohlern	446nm,0.5s	Pg	Pn	17 44 05.2	+0.7
KOSI	Kohlern	1.71 21	Pg	Pn	17 44 05.2	+0.7
FROS	Frosini	1.73 163	Pg	Pn	17 44 04.7	0.0
FROS	Frosini	456nm,0.6s	Pg	Pn	17 44 04.7	0.0
FUORN	Ofenpass-Fuorn	1.75 355	Pg	Pn	17 44 06.4	+1.2
FUORN	Ofenpass-Fuorn	330nm,0.8s	Pg	Pn	17 44 06.4	+1.2
PARC	Parchiule	1.76 133	Pg	Pn	17 44 06.2	+1.1
PARC	Parchiule	230nm,0.7s	Pg	Pn	17 44 06.2	+1.1
TUE	Stuetta	1.78 334	Pg	Pn	17 44 06.8	+1.2
TUE	Stuetta	444nm,0.5s	Pg	Pn	17 44 06.8	+1.2
TRIF	Trifont	1.79 170	Pg	Pn	17 44 06.1	+0.7
TRIF	Trifont	279nm,0.6s	Pg	Pn	17 44 06.1	+0.7
AGOR	Agordo	1.79 37	ePn	Pn	17 44 06.1	+0.6
AGOR	Agordo	430nm,0.4s	ePn	Pn	17 44 06.1	+0.6
POLC	Polcenigo	1.83 50	ePn	Pn	17 44 05.9	-0.1
POLC	Polcenigo	1.83 50	ePn	Pn	17 44 05.9	-0.1
CAFI	Castiglion Fio	1.88 145	Pg	Pn	17 44 06.8	+0.1
CAFI	Castiglion Fio	227nm,0.7s	Pg	Pn	17 44 06.8	+0.1
ATMC	Monte Cedrone	1.89 139	Pg	Pn	17 44 06.5	-0.3
ATMC	Monte Cedrone	1.89 139	Pg	Pn	17 44 06.5	-0.3
RORO	Rocca Rossa	1.89 247	Pg	Pn	17 44 07.3	+0.5
RORO	Rocca Rossa	245nm,0.3s	Pg	Pn	17 44 07.3	+0.5
DAVOX	Davos/Dischmat	1.95 348	Pg	Pb	17 44 09.9	-1.6
DAVOX	Davos/Dischmat	395nm,0.8s	Pg	Pb	17 44 09.9	-1.6
GBOS	Grotte di Boss	1.99 252	Pg	Pn	17 44 09.1	+0.8
GBOS	Grotte di Boss	219nm,0.4s	Pg	Pn	17 44 09.1	+0.8
CIMO	Cimolais	1.99 43	ePn	Pn	17 44 07.9	-0.3
CIMO	Cimolais	1.99 43	ePn	Pn	17 44 07.9	-0.3
ATPC	Poggio Castell	1.99 134	Pg	Pn	17 44 08.8	+0.5
ATPC	Poggio Castell	357nm,0.8s	Pg	Pn	17 44 08.8	+0.5
PIEI	Pleia	2.00 131	Pg	Pn	17 44 09.3	+1.0
PIEI	Pleia	223nm,0.9s	Pg	Pn	17 44 09.3	+1.0
FUSIO	Fusio	2.03 322	Pg	Pn	17 44 09.6	+0.7
FUSIO	Fusio	420nm,0.3s	Pg	Pn	17 44 09.6	+0.7
TRAV	Traversella	2.03 289	Pg	Pn	17 44 08.6	-0.3
TRAV	Traversella	450nm,0.4s	Pg	Pn	17 44 08.6	-0.3
ATVO	AVT- Monte Val	2.04 136	Pg	Pn	17 44 09.0	+0.1
ATVO	AVT- Monte Val	306nm,0.8s	Pg	Pn	17 44 09.0	+0.1
MPAL	Monte Paganucc	2.06 126	Pg	Pn	17 44 09.3	+0.1
MPAL	Monte Paganucc	2.09 48	Pg	Pn	17 44 09.1	-0.5
STAL	STALIGIAL	2.09 48	Pg	Pn	17 44 09.8	0.0
STAL	STALIGIAL	574nm,0.4s	Pg	Pn	17 44 09.8	0.0
CASP	Castiglione de	2.10 172	Pg	Pn	17 44 09.8	0.0
CASP	Castiglione de	337nm,0.7s	Pg	Pn	17 44 10.6	+0.7
FRON	Frontone	2.11 129	Pg	Pn	17 44 10.6	+0.7
FRON	Frontone	2.11 129	Pg	Pn	17 44 10.6	+0.7
ATTE	AVT- Monte Tez	2.15 140	Pg	Pn	17 44 10.1	-0.4
ATTE	AVT- Monte Tez	411nm,1.1s	Pg	Pn	17 44 12.5	+1.9
FETA	Feichten	2.15 5	Pn	Pn	17 44 12.5	+1.9
FETA	Feichten	3.8nm,0.5s,SNR=14	Pn	Pn	17 44 38.5	+2.0
FETA	Feichten	41nm,0.3s	Pn	Pn	17 44 12.5	+1.9
FETA	Feichten	3.8nm,0.5s,SNR=14	Pn	Pn	17 44 38.5	+2.0
FETA	Feichten	41nm,0.3s	Pn	Pn	17 44 38.5	+2.0
ROSI	Roskopf	2.15 17	Pg	Pn	17 44 12.4	+1.7
ROSI	Roskopf	2.15 17	Pg	Pn	17 44 12.4	+1.7
CIRO	Champcorch	2.18 291	Pg	Pn	17 44 10.2	-0.9
CIRO	Champcorch	2.18 291	Pg	Pn	17 44 10.2	-0.9
MURB	Monte Urbino	2.19 137	Pg	Pn	17 44 11.1	+0.2
MURB	Monte Urbino	326nm,0.4s	Pg	Pn	17 44 11.1	+0.2
MPRI	Monte Prat	2.23 51	ePn	Pn	17 44 11.1	-0.5
MPRI	Monte Prat	2.23 51	ePn	Pn	17 44 11.1	-0.5
CSMI	Casera Mimosas	2.24 42	ePn	Pn	17 44 12.1	+0.4
CSMI	Casera Mimosas	2.24 42	ePn	Pn	17 44 12.1	+0.4
SACS	San Casciano d	2.25 150	Pg	Pn	17 44 11.2	+0.1
SACS	San Casciano d	2.25 150	Pg	Pn	17 44 11.2	+0.1
BHB	Bricherarobbe	2.29 270	Pg	Pn	17 44 11.8	-0.5
BHB	Bricherarobbe	2.29 270	Pg	Pn	17 44 12.2	-0.2
MGAB	Montegabbione	147nm,0.4s	Pg	Pn	17 44 12.0	-0.4
MGAB	Montegabbione	147nm,0.4s	Pg	Pn	17 44 12.0	-0.4
BUA	Buia	2.29 53	ePn	Pn	17 44 12.0	-0.4
BUA	Buia	2.29 53	ePn	Pn	17 44 12.0	-0.4
ATCC	AVT- Casa Cast	2.30 137	Pg	Pn	17 44 12.7	+0.2
ATCC	AVT- Casa Cast	278nm,0.7s	Pg	Pn	17 44 15.4	-2.0
PLONS	Plons/SG	2.31 341	ePn	Pn	17 44 15.4	-2.0
PLONS	Plons/SG	SNR=16	ePn	Pn	17 44 44.3	-1.2
PLONS	Plons/SG	SNR=4.7	ePn	Pn	17 44 15.4	-2.0
PLONS	Plons/SG	2.31 341	Pg	Pb	17 44 15.2	-2.2
PLONS	Plons/SG	SNR=16	Pg	Pb	17 44 15.2	-2.2
CLUD	Cludinico	2.31 46	ePn	Pn	17 44 12.6	-0.1
CLUD	Cludinico	2.31 46	ePn	Pn	17 44 12.6	-0.1
STV	Sant Anna di V	2.34 256	Pg	Pn	17 44 14.6	+1.5

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FUSE	Fusea	2.35 48	ePn	Pn	17 44 12.5	-0.6
FUSE	Fusea	2.35 48	ePn	Pn	17 44 12.5	-0.6
ABTA	Abfaltersbach	2.35 37	Pn	Pn	17 44 14.5	+1.2
ABTA	Abfaltersbach	0.8nm,0.1s,SNR=18	Pn	Pn	17 44 14.5	+1.2
ABTA	Abfaltersbach	18nm,0.2s	ePn	Pn	17 44 41.7	+0.5
ABTA	Abfaltersbach	0.8nm,0.1s,SNR=18	Pn	Pn	17 44 41.7	+0.5
ABTA	Abfaltersbach	18nm,0.2s	Pn	Pn	17 44 41.7	+0.5
RISI	Rein	2.36 28	Pg	Pn	17 44 15.1	+1.7
RISI	Rein	741nm,0.5s	Pg	Pn	17 44 15.1	+1.7
COLI	Colorado	2.40 57	ePn	Pn	17 44 13.4	-0.4
COLI	Colorado	2.40 57	ePn	Pn	17 44 13.4	-0.4
SBF	Sospel	2.41 246	ePn	Pn	17 44 15.0	+1.0
SBF	Sospel	SNR=1.0	ePn	Pn	17 44 17.3	-1.8
SBF	Sospel	518nm,0.4s,SNR=1.0	ePn	Pn	17 44 42.8	+0.3
SBF	Sospel	SNR=1.0	ePn	Pn	17 44 15.0	+1.0
SBF	Sospel	2.41 246	ePn	Pn	17 44 17.3	-1.8
SBF	Sospel	SNR=1.0	ePn	Pn	17 44 42.8	+0.3
VINO	Villanova	2.41 54	ePn	Pn	17 44 12.9	-1.0
VINO	Villanova	259nm,0.4s,SNR=1.0	ePn	Pn	17 44 13.0	-1.0
VINO	Villanova	268nm,0.8s	ePn	Pn	17 44 12.8	-1.0
VINO	Villanova	2.41 54	ePn	Pn	17 44 14.3	0.0
PZZ	Zouppan	2.43 262	Pg	Pn	17 44 14.5	+0.1
ZOU	Zouppan	2.43 262	Pg	Pn	17 44 14.5	+0.1
DAVA	Damuels	2.45 350	ePn	Pb	17 44 17.2	-2.7
DAVA	Damuels	SNR=19	ePn	Pb	17 44 47.9	-1.8
DAVA	Damuels	SNR=19	Pn	Sb	17 44 17.2	-2.7
DAVA	Damuels	219nm,0.7s	Pn	Sb	17 44 47.2	-2.5
DAVA	Damuels	5.8nm,0.1s,SNR=7.3	Pn	Sb	17 44 14.1	-0.6
DAVA	Damuels	219nm,0.7s	Pn	Sb	17 44 47.2	-2.5
LUCF	Luceram	2.45 247	Pn	Pn	17 44 16.4	+1.8
LUCF	Luceram	2.45 247	Pn	Pn	17 44 16.4	+1.8
LUCF	Luceram	2.45 247	Pn	Pn	17 44 16.9	+1.4
LUCF	Luceram	2.45 247	Pn	Pn	17 44 16.9	+1.4
SABO	M.te Sabotino	2.46 62	ePn	Pn	17 44 14.5	-0.2
SABO	M.te Sabotino	544nm,0.8s	ePn	Pn	17 44 14.4	-0.2
SABO	M.te Sabotino	2.46 62	ePn	Pn	17 44 14.5	-0.2
CING	Cingoli	2.46 126	Pg	Pn	17 44 15.1	+0.3
MAON	Monte Argentar	2.49 169	Pg	Pn	17 44 15.2	+0.1
REV	Revere	2.50 244	Pn	Pn	17 44 17.9	+2.4
REV	Revere	2.50 244	Pn	Pn	17 44 49.0	-2.2
REV	Revere	2.50 244	Pn	Pn	17 44 17.	

Table with columns: LASF, 25m, 0.6s, SNR=1.0, eSn, Sn, 17 45 40.2 -1.4, etc. Lists various stations and their parameters.

Table with columns: QUIF, Quistinic, 9.90 293 ePn, Pn, 17 45 48.0 +1.2, etc. Lists various stations and their parameters.

Table with columns: INCN, Inchon, 50.65 332 P, P, 17 56 07.6 +0.6, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTH, CAST, MCK, etc.

GUC 25:20:38.17.2.0.7.33.145:70.27W,h13km,5km,ML1.3, 1C-1D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCH, CLCH, PEL, etc.

ISCJCB 25:20:39.57.5.0.4.24:27S:0.04:67.46W,0.06,h175km, mb4.1/6,Error ellipse: s-maj=7.6km s-min=5.3km az=178.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SLA, HJA, FSA, etc.

ISC 25:20:39.59.1.0.7.24:27S:0.05:67.40W,0.08,h175km,n34, i*128/38,mb4.2/6,1C,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB11, ACLA, AGUA, etc.

NIED 25:20:42.00.38.20N,141.170E,h53km,Mw5.2 Best double couple: M6.760000*1016 NP1*0.195 0.00000* 0.24 0.00000* 1.83 0.00000* NP2*0.22 0.00000* 0.66 0.00000* 1.93 0.00000*

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, WR1, WRA, etc.

Azm113.00000*; JMA Felt IV J1. GCMT 25:20:42:55.9.0.2.38:22N:141:73E,h54km,MW5.2/118, Moment Tensor solution. s81,c132; s118,1c196; Duration: 1s0 Moment tensor: Scale 10^17Nm; M=0.68e-02; M0=0.06e-01; M00=0.62e-01; M01=0.17e-01; M02=0.24e-01; M03=0.45e-01; Best double couple: M=0.84500*10^17 NP1*0.21 0.00000* 0.62 0.00000* 1.91 0.00000* NP2*0.20 0.00000* 0.28 0.00000* 1.89 0.00000* Principal axes: T 0.8310, P1g73.0000*, Azm292.0000*; N 0.0290, P1g0.0000*, Azm200.0000*; P -0.8600, P1g17.0000*, Azm110.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. MOS 25:20:42:55.2.0.8.38:18N:141:57E,h50km,mb5.5/8, MS4.4/18 Error ellipse: s-maj=5.8km s-min=3.8km az=96.8

NEIC 25:20:42:55.9.0.2.38:19N:141:57E,h52km,2km,mb5.2/200, Error ellipse: s-maj=3.1km s-min=2.1km az=147.0

NEIC Felt at Ichinoseki, Sendai and Tokyo. Recorded [4 JMA] in Miyagi.

IDC 25:20:42:55.3.0.4.38:21N:141:64E,h48km,2km,mb4.7/28, mb1.4/3/4,mb1mx4.8/39,mbtmp4.9/34,MS4.3/38, Ms1.4.3/38,ms1mx4.2/43,Error ellipse: s-maj=10.8km s-min=9.7km az=108.0

ISC 25:20:42:55.3.0.2.38:18N:141:58E,0.03,h50km,1km, h50km;P-P,N,0.29, i*131/1235,mb5.2/322,MS4.5/66, 68C-51D,Near east coast of eastern Honshu

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIO, JMM, JOM, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSAR, CSAR, CBIJ, etc.

25d 20h

2012 JAN

1208

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like COLD, RAMN, ZHN, GUN, SATY, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MNAS, SFK, COEN, PSI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like B06A, B06A, STEI, etc.

25/20h

2012 JAN

1210

Table with columns for call sign, name, frequency, time, and other details. Includes entries like Ostrava-Krasne, Ksiaz, Parker Dam, etc.

Table with columns for call sign, name, frequency, time, and other details. Includes entries like Trest, Bob, Littlefor, HERR, ISCO, etc.

Table with columns for call sign, name, frequency, time, and other details. Includes entries like F38A, SKO, L32A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P34A Walnut Farm, R, SCIA State Center, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like R39A Chumby, Stover, S38A Stockton, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MIAR Mount Ida, MIAR Mount Ida, etc.

Table titled 'Ryukyu Islands' with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JOW Kunigami, JOKE Okinoerabujima, etc.

ICD 25 21:08:37.615.5, 36:06N:70:91E, h79km, 37km, mb3.1/4, s-maj=6.1, km s-min=21.7km az=156.0

ISCJB 25 21:08:38.0, 0.8, 36:15N:0:07x:70:84E:0.07, h100km, mb3.3/3, Error ellipse: s-maj=1.1, km s-min=7.7km az=156.5

NNC 25 21:08:45.3, 7.3, 36:89N:70:74E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=57.7km s-min=48.4km az=153.0

ISC 25 21:08:39.1, 0.8, 36:20N:0:07x:70:92E:0.07, h100km, n14, z=332/21, mb3.2/3, 3C-5D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SFK Sufi-Kurgan, MNAS Manas, etc.

MEX 25 21:25:12.1, 0.4, 14:74N:93:29W, h16km, 37km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PCIG, CCIG, TGIG, etc.

Table with columns: STHS, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

IDC 25 22:40:42.2.0.561'16S:27.88W, h0km, mb4.3/2, mb1.4/1.2, mb1mx3.8/1.5, mbtmp4.3/2, Error ellipse: s-maj=102.9km s-min=61.7km az=122.0

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

CSEM 25 22:43:21.3.0.5.35'98N:0.43W, h5km, ML2.8, Error ellipse: s-maj=16.5km s-min=6.1km az=77.0

CRAAG 25 22:43:24.8.35'65N:0.51W, ML2.8, Error ellipse: s-maj=33.6km s-min=30.6km az=68.0, PPRXIMO

ISC 25 22:43:22.9.1.5.35'81N:0.05'0.3W:0.1, h27km, n13, c098/13, Northern Algeria

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

IDC 25 22:44:12.7.2.3.6.63S:128.97E, h0km, mb3.4/1, mb1.3/4.3, mb1mx3.2/2.0, mbtmp3.3/3, ML3.1/2, MS3.1/2, Ms1.3/1.2, ms1mx2.7/2.0, Error ellipse: s-maj=151.3km s-min=33.1km az=67.0, Banda Sa

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

IDC 25 22:54:48.0.4.0.5'81N:155.49E, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.4/3.9, mbtmp3.7/3, Error ellipse: s-maj=118.2km s-min=40.1km az=93.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

BGR 25 23:01:05.9.0.8.44'79N:10.53E, h10km, ML3.6/6, Error ellipse: s-maj=14.5km s-min=10.0km az=162.0

LDG 25 23:01:06.9.0.1.44'91N:10.51E, h10km, ML3.6/29, Error ellipse: s-maj=3.1km s-min=2.7km az=75.0

ROM 25 23:01:06.8.0.1.44'88N:10.51E, h31km, ML3.4/72, Error ellipse: s-maj=1.7km s-min=1.4km az=94.0

PRU 25 23:01:07.2.0.1.44'88N:10.52E, h30km, ML3.6/24, Error ellipse: s-maj=2.0km s-min=1.6km az=151.0

GEN 25 23:01:07.1.44'89N:10.59E, h28km, ML3.3, STR 25 23:01:09.0.0.5.44'99N:0.102:10.33E:0.05, h10km, ML3.2/16

ISC 25 23:01:07.2.0.9.44'90N:0.102:10.52E:0.02, h27km, 6km, n359, c1867/493, 11C-4D, Northern Italy

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

Main table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error.

25d 23h

Table with columns for station name, frequency, SNR, and coordinates. Includes stations like PGF Pioggiola, RETA Reutte, and various others.

2012 JAN

Table with columns for station name, frequency, SNR, and coordinates. Includes stations like OG26 St-Nazaire-De, BFO Black Forest, and various others.

1214

Table with columns for station name, frequency, SNR, and coordinates. Includes stations like AGO Saint Agoulin, SSF Saint Saulge, and various others.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like ONAJ Iwakimizuishy, JHO Hitachi, and various others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Denizli, Gihisar, Samos, Karpathos, etc.

ISC/B 26 04:19:08.2-4.8, 36.33N:71.16E, h179km, 35km, mb3.3/7, mb1 3.3/9, mb1mx3.0/67, mbtmp3.8/9, Error ellipse: s-maj=45.5km s-min=26.0km az=153.0

ISC/B 26 04:19:10.1-0.6, 36.52N:0.05-70.88E, 0.09, h188km, mb3.5/6, Error ellipse: s-maj=10.0km s-min=6.0km az=163.9

NNC 26 04:19:19.1-3.4, 37.07N:71.29E, h239km, 40km, mb2.2, mpv3.3, Error ellipse: s-maj=43.2km s-min=32.6km az=94.0

ISC 26 04:19:11.3-0.8, 36.55N:0.08-71.01E, 0.09, h188km, n23, c=190/29, mb3.6/7, 7C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Manas, Karatay Array, etc.

ISC/B 26 04:21:14.1-0.3, 7.08S:0.03-129.86E, 0.05, h104km, mb4.6/14, Error ellipse: s-maj=6.9km s-min=3.9km az=177.2

ISC 26 04:21:15.2-2.4, 7.18S:129.69E, h95km, 24km, mb3.8/6, mb1 4.1/10, mb1mx3.7/48, mbtmp4.3/10, Error ellipse: s-maj=38.0km s-min=14.4km az=80.0

NEIC 26 04:21:17.0-0.8, 7.10S:129.94E, h119km, 9km, mb5.0/9, Error ellipse: s-maj=9.7km s-min=6.5km az=72.0

DJA 26 04:21:19.1-0.4, 7.2S:133.0E, h155km, 7km, M4.8/8, mb5.1/7, mb5.1/5, MLV4.9/8, MW(mb)4.4/5

ISC 26 04:21:15.3-0.5, 7.16S:0.04-129.94E, 0.05, h104km, n49, c=322/59, mb4.6/14, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI, BNDI, MASOHI, etc.

CSEM 26 04:22:22.3, 38.30N:5.69W, h10km, ML0.9, MDD 26 04:22:30.7, 38.30N:5.69W, h10km, 3km, mbLg0.9/4, Error ellipse: s-maj=5.7km s-min=5.2km az=12.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EI Cabril, ECAB, EADAM, etc.

Table with columns: EPLA, Station Name, Az, Phase ID, Time, Res. Includes stations like Vaqueiros, BJI, CSEM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THR6, THR3, THR5, etc.

26d 4h

Table with columns for station name, frequency, power, and coordinates. Includes stations like Suwalki, Sheki, Saint Sauveur, etc.

2012 JAN

Table with columns for station name, frequency, power, and coordinates. Includes stations like MOS, TAM, RAYN, VSU, UCM, etc.

1224

Table with columns for station name, frequency, power, and coordinates. Includes stations like NORSAR Array S, VAO, NC605, etc.

Table with columns: GYA, comp-Z, location, time, and various numerical values. Includes entries like Beijing, Nongkai, Chaiphaphum, etc.

Table with columns: CBN, location, time, and various numerical values. Includes entries like Corbin Frederi, Moraine State, CMU Biological, etc.

Table with columns: H39A, location, time, and various numerical values. Includes entries like Augusta, Monticello, Ashes Strandq, etc.

N42A	Yates City	83.06 316	P	P	04 37 23.5 -0.1
SPU	Mount Spurr	83.09 359	eP	P	04 37 22.4 -0.9
E31A	Nome	83.11 324	eP	P	04 37 23.5 -0.2
RC01	Rabbit Creek A	83.12 357	eP	P	04 37 22.8 -0.6
P44A	Sand Creek, Wi	83.17 314	P	P	04 37 24.3 +0.2
SVW2	Sparrevohn	83.20 0	eP	P	04 37 25.7 +1.8
L39A	Vinton	83.27 318	P	P	04 37 24.8 +0.3
J37A	Redenius Farm	83.27 320	P	P	04 37 24.5 -0.1
Q45A	Warren Harvey	83.27 314	P	P	04 37 24.6 0.0
CPCT	Cooper Cave	83.31 309	eP	P	04 37 26.2 +1.3
K38A	Parkersburg	83.32 319	P	P	04 37 24.7 -0.1
OLIL	Olney	83.35 314	eP	P	04 37 25.5 +0.5
T48A	Bowling Green	83.39 311	P	P	04 37 25.9 +0.6
G33A	Ortonville	83.40 323	P	P	04 37 24.7 -0.5
PMBI	Palemang	83.41 98	P	P	04 37 25.7 0.0
H34A	Spellman Lake	83.45 322	P	P	04 37 24.8 -0.7
M40A	Post Highland	83.49 317	P	P	04 37 25.3 -0.4
O42A	Bath	83.51 316	P	P	04 37 25.5 -0.4
P43A	Skaggs, Pawnee	83.57 315	P	P	04 37 26.3 +0.2
DLBC	Dease Lake	83.59 347	eP	P	04 37 27.4 +1.3
N41A	Harden Midland	83.60 317	P	P	04 37 25.7 -0.6
J36A	Senec 1, Swea	83.67 320	P	P	04 37 26.8 +0.2
K37A	Belmond	83.69 319	P	P	04 37 26.8 0.0
R45A	Skylar, Fairri	83.75 313	P	P	04 37 26.4 -0.7
L38A	Oak Wood Farm	83.77 319	P	P	04 37 26.8 -0.3
Q44A	Meyer Farm, Va	83.77 314	P	P	04 37 26.3 -0.9
F31A	Hecla	83.80 324	P	P	04 37 27.7 -0.5
M39A	Webster	83.80 318	P	P	04 37 27.2 -0.1
S46A	Don Dixon Farm	83.81 313	P	P	04 37 27.1 -0.3
U48A	Cassie Pea, Po	83.87 311	P	P	04 37 27.8 0.0
G32A	Webster	83.87 323	P	P	04 37 26.8 -0.9
N40A	Mertquake, Sal	83.89 317	P	P	04 37 27.4 -0.4
T47A	Sharon Grove	83.90 312	P	P	04 37 28.1 +0.2
H33A	Prehn Over Nor	83.92 322	P	P	04 37 27.9 0.0
GOGA	Godfrey	83.93 307	eP	Pmax	04 37 29.2 +1.1
GOGA	Godfrey	83.93 307	eP	P	04 37 29.2 +1.1
O41A	Passleys Farm	84.02 316	P	P	04 37 28.3 -0.2
P42A	Winchester	84.08 315	P	P	04 37 28.9 +0.1
Q43A	New Douglas	84.14 315	P	P	04 37 28.7 -0.4
L37A	Phoenix Point	84.20 319	P	P	04 37 29.1 -0.3
K36A	Gilmore City	84.21 320	P	P	04 37 28.2 -1.2
R44A	Waltoville	84.25 314	P	P	04 37 28.9 -0.7
S45A	Carrier Mills	84.33 313	P	P	04 37 29.7 -0.4
T46A	Princeton	84.34 312	P	P	04 37 29.5 -0.7
U47A	Clarksville	84.37 311	P	P	04 37 30.4 +0.1
H32A	Carlson Farm	84.39 323	P	P	04 37 30.3 0.0
N39A	Derby Farms, D	84.40 318	P	P	04 37 30.4 0.0
M38A	Pleasantville	84.40 318	P	P	04 37 30.5 +0.1
P41A	Barry, Barry	84.42 316	P	P	04 37 30.3 -0.2
DGMT	Dagmar	84.49 329	P	P	04 37 30.5 -0.3
J34A	George	84.53 321	P	P	04 37 30.3 -0.7
ECSD	EROS Data Cent	84.54 322	P	P	04 37 31.0 -0.1
ECSD	EROS Data Cent	84.54 322	eP	P	04 37 31.2 +0.1
V48A	Smith Brothers	84.55 311	P	P	04 37 30.9 -0.4
O40A	La Belle	84.57 317	P	P	04 37 31.0 -0.3
Q42A	Golden Eagle	84.64 315	P	P	04 37 31.6 -0.1
X50A	Fort Payne	84.65 309	P	P	04 37 31.3 -0.5
SIUC	Southern Illin	84.68 313	eP	P	04 37 32.5 +0.7
L36A	Harm Buss Farm	84.70 320	P	P	04 37 32.3 -0.7
S44A	Carbondale	84.72 313	P	P	04 37 31.7 -0.4
R43A	Red Bud	84.72 314	P	P	04 37 32.1 0.0
KASJ	Kota Agung	84.73 101	P	P	04 37 32.3 -0.1
I32A	Karley and Nic	84.75 322	P	P	04 37 31.4 -0.7
MJB9	Matsu-Tunnel	84.79 48	eP	P	04 37 32.2 -0.3
MAJ0	Matsushiro	84.80 48	eP	P	04 37 31.8 -0.7
MAJ0	Matsushiro	84.80 48	eP	P	04 37 31.8 -0.7
MAT	Matsushiro	84.80 48	eP	P	04 37 31.7 -0.8
MJAR	Matsushiro Arr	84.80 48	eP	P	04 37 31.2 -1.3
MJAR	Matsushiro Arr	84.80 48	eP	P	04 37 31.2 -1.3
O39A	Kirksville	84.85 317	P	P	04 37 32.2 -0.4
N38A	Joess South For	84.85 318	P	P	04 37 32.6 -0.1
M37A	Trindle Farm	84.87 319	P	P	04 37 32.9 +0.2
WVT	Waverly	84.91 312	P	P	04 37 32.9 -0.2
WVT	Waverly	84.91 312	eP	P	04 37 33.0 0.0
WVT	Waverly	84.91 312	eP	P	04 37 33.0 0.0
U47A	Nunnely	84.92 311	P	P	04 37 32.4 -0.7
V46A	Springville	84.96 312	P	P	04 37 33.0 -0.4
Q41A	Truxton	85.01 315	P	P	04 37 33.5 0.0
J33A	Davis	85.02 322	P	P	04 37 33.1 -0.4
K34A	Le Mars	85.03 321	P	P	04 37 33.4 -0.2
X49A	Woodville	85.04 309	P	P	04 37 33.8 0.0
P40A	Paris	85.07 316	P	P	04 37 32.9 -0.9
L35A	Blowell Farm, R	85.15 320	P	P	04 37 34.0 -0.2
SUSD	Miller	85.17 323	P	P	04 37 34.4 +0.1
FVM	French Village	85.21 314	eP	P	04 37 35.4 +0.9
FVM	French Village	85.21 314	eP	P	04 37 35.4 +0.9
M36A	Felix, Anita	85.23 319	P	P	04 37 34.3 -0.3
TIGA	Tifton	85.26 306	P	P	04 37 34.8 -0.1
S43A	Fulton Ridge	85.28 314	P	P	04 37 35.2 +0.3
V46A	Holladay	85.30 311	P	P	04 37 34.8 -0.2
T44A	Benton	85.32 313	P	P	04 37 34.9 -0.2

N37A	Lee Faris, Mou	85.41 318	P	P	04 37 36.0 +0.6
Q38A	Galt	85.45 317	P	P	04 37 35.9 +0.2
O40A	Laux Farm, Aux	85.46 316	P	P	04 37 36.0 +0.3
P39B	Salisbury	85.50 317	P	P	04 37 36.5 +0.6
Y49A	Blount Mountai	85.52 309	P	P	04 37 36.5 +0.3
X48A	Hartselle	85.53 310	P	P	04 37 36.1 -0.1
R41A	Roadside	85.54 315	P	P	04 37 36.3 +0.1
K33A	Hardington	85.55 321	P	P	04 37 35.8 -0.4
S42A	Caledonia	85.56 314	P	P	04 37 36.6 +0.3
CCM	Cathedral Cave	85.63 315	P	P	04 37 36.6 -0.1
CCM	Cathedral Cave	85.63 315	eP	P	04 37 37.1 +0.5
U44B	Burton Farm, H	85.68 312	P	P	04 37 36.9 0.0
L34A	Svensden Farm	85.69 320	P	P	04 37 36.5 -0.3
M35A	Neola	85.69 320	P	P	04 37 36.9 0.0
T43A	Greenville	85.74 314	P	P	04 37 37.1 -0.1
U44A	Portageville	85.77 313	P	P	04 37 37.0 -0.4
O37A	Wolven Farm, M	85.79 318	P	P	04 37 37.3 -0.1
P38A	Dawn	85.83 317	P	P	04 37 38.0 +0.4
Q39A	Willow Grove F	85.93 316	P	P	04 37 38.4 +0.3
X47A	Russelville	85.99 310	P	P	04 37 37.4 -1.0
K32A	Verdigre	86.00 322	P	P	04 37 38.0 -0.4
PBMO	Poplar Bluff	86.03 313	eP	P	04 37 39.2 +0.6
Z49A	Columbiana	86.03 309	P	P	04 37 38.4 -0.3
R40A	Maddies Statio	86.05 316	P	P	04 37 39.2 +0.5
N35A	Tabor	86.10 319	P	P	04 37 38.6 -0.3
M34A	Aspy Farms, Fr	86.13 320	P	P	04 37 38.7 -0.3
S41A	Jilco Farms	86.24 315	P	P	04 37 40.1 +0.4
T42A	Van Buren	86.24 314	P	P	04 37 40.1 +0.5
O36A	Bolckow	86.26 318	P	P	04 37 39.7 0.0
SBUM	Shiloh	86.28 90	eP	P	04 37 41.9 +1.7
P37A	Lathrop	86.31 318	P	P	04 37 39.8 -0.1
Q38A	Cooks Store, C	86.34 317	P	P	04 37 40.4 +0.3
V44A	Elyville	86.35 312	P	P	04 37 39.3 -0.9
W45A	Hickory Valley	86.38 312	P	P	04 37 40.4 0.0
Y47A	UCPARC, Winfie	86.39 310	P	P	04 37 40.0 -0.5
PTGA	Pitcair	86.39 266	eP	P	04 37 42.8 +2.0
X46A	Booneville	86.41 311	P	P	04 37 40.5 -0.1
LRAL	Lakeview Retre	86.43 309	P	P	04 37 41.0 +0.3
LRAL	Lakeview Retre	86.43 309	eP	P	04 37 41.3 +0.7
R39A	Chumby, Stover	86.47 316	P	P	04 37 41.4 +0.6
L32A	Elgin	86.50 321	P	P	04 37 40.5 -0.4
KDAX	Kodiak Island	86.51 359	iP	P	04 37 42.1 +1.6
Z48A	Northport	86.56 309	P	P	04 37 40.4 -0.8
N34A	Lincoln	86.57 320	P	P	04 37 40.5 -0.7
T41A	Mountain View	86.62 314	P	P	04 37 42.4 +0.9
S40A	Lebanon	86.67 315	P	P	04 37 42.6 +0.9
LAO	LASA Array	86.74 329	P	P	04 37 42.2 +0.2
LAO	LASA Array	86.74 329	eP	P	04 37 42.9 +0.9
P36A	Good Intent, A	86.75 318	P	P	04 37 42.2 0.0
U42A	Reviden	86.79 314	P	P	04 37 43.0 +0.6
Q37A	Longview Farm	86.87 317	P	P	04 37 42.3 -0.5
OXF	Oxford	86.94 311	P	P	04 37 42.8 -0.3
T40A	Mansfield	86.99 315	P	P	04 37 44.2 +0.8
X45A	UM Field Stati	86.99 311	P	P	04 37 43.1 -0.4
Z47A	Carrollton	86.99 309	P	P	04 37 42.6 -0.8
BGNE	Belgrade	87.01 321	P	P	04 37 43.5 +0.1
BGNE	Belgrade	87.01 321	eP	P	04 37 44.1 +0.7
Y46A	Houston	87.03 310	P	P	04 37 43.5 -0.1
R38A	Fenwick Farm	87.05 316	P	P	04 37 43.9 +0.3
S39A	Bolivar	87.07 316	P	P	04 37 43.7 0.0
EGMT	Eagleton	87.09 332	P	P	04 37 43.0 -0.8
EGMT	Eagleton	87.09 332	eP	P	04 37 44.1 +0.4
O34A	Beatrice	87.14 319	P	P	04 37 43.9 -0.2
U41A	Viola	87.20 314	P	P	04 37 44.3 -0.1
P35A	Duane Minner	87.25 318	P	P	04 37 44.6 0.0
V42A	Col	87.25 313	P	P	04 37 44.9 +0.3
X38A	Stockton	87.44 316	P	P	04 37 45.5 0.0
Y45A	Yeager Farm, C	87.46 311	P	P	04 37 45.8 +0.2
147A	Livingston	87.47 309	P	P	04 37 45.9 +0.2
248A	Dixon Mills	87.52 308	P	P	04 37 46.4 +0.0
T39A	Cleaver	87.57 315	P	P	04 37 46.0 -0.1
349A	Repton	87.66 308	P	P	04 37 46.7 +0.1
P34A	Walnut Farm, R	87.67 319	P	P	04 37 46.2 -0.5
BRAL	Brewton	87.69 307	P	P	04 37 46.5 -0.3
O33A	Hebron	87.69 320	P	P	04 37 46.7 0.0
V41A	Mountainview	87.72 314	P	P	04 37 47.0 +0.1
U40A	Yellville	87.73 314	P	P	04 37 46.2 -0.8
WALA	Waterton Lakes	87.76 334	eP	P	04 37 46.6 -0.4
RSSD	Black Hills	87.80 326	eP	P	04 37 46.7 -0.7
RSSD	Black Hills	87.80 326	eP	P	04 37 47.3 -0.1
RSSD	Black Hills	87.80 326	eP	P	04 37 47.3 -0.1
R36A	Gordon, Harris	87.84 317	P	P	04 37 47.1 -0.3
S37A	Fort Scott	87.87 317	P	P	04 37 47.6 0.0
KSU1	Kansas State U	87.88 318	P	P	04 37 47.1 -0.5
KSU1	Kansas State U	87.88 318	eP	P	04 37 48.8 +2.2
348A	Jackson	88.07 308	P	P	04 37 48.5 -0.1
U39A	Green Forest	88.07 315	P	P	04 37 48.3 -0.3
T38A	Diamond	88.08 316	P	P	04 37 48.6 0.0
247A	Quitman	88.10 309	P	P	04 37 48.9 +0.2
V40A	Witts Springs	88.10 314	P	P	04 37 48.4 -0.3

W36A	Wetumka	90.53 316	P	P	04 38 02.6 +2.5
OK020	N3440 Road, Me	90.61 316	eP	P	04 38 03.0 +2.6
PHWV	Pilot Hill	90.66 325	eP	P	04 38 01.4 +0.5
W35A	Tecumseh	90.68 316	P	P	04 38 01.6 -0.2
W35A	Tecumseh	90.68 316	eP	P	04 38 02.4 +0.6
MOOW	Moose Ponds	90.99 330	eP	P	04 38 02.7 +0.3
X36A	Centrahosa	91.01 315	P	P	04 38 01.4 -1.0
Y37A	Hugo	91.01 314	P	P	04 38 02.6 +0.2
KSCO	Kaye Sheddock	91.07 322	eP	P	04 38 05.2 +2.4
B05A	Bryant	91.09			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T25A Trinidad, TCUT Toone Canyon, MOCX Monteria, Cord, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NPS comp=E,20467um,0.7s, NPS comp=N,13757um,0.6s, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOH Sokhos, KCTX Karacabay (Bur), KCTX Karacabay (Bur), etc.

IC 26 04:29:49.0, 36°23'N, 24°58'E, h2km, ML4.0

ATH 26 04:29:50.3, 36°07'N, 25°05'E, h31km, ML3.8/11, Error ellipse: s-maj=1.4km s-min=0.7km az=67.0

THE 26 04:29:51.7, 36°07'N, 25°10'E, h16km, ML3.8/11, Error ellipse: s-maj=1.8km s-min=0.5km az=39.0

CSEM 26 04:29:51.0, 0.2, 36°07'N, 25°01'E, h15km, ML3.8, Error ellipse: s-maj=1.0km s-min=0.3km az=118.0

ISCJB 26 04:29:51.3, 0.3, 36°08'N, 02:25:05E, 0.03, h27km, 2km, mb3.8/11, Error ellipse: s-maj=3.6km s-min=2.5km az=23.6

DDA 26 04:29:54.0, 0.7, 35°68'N, 25°11'E, h63km, 17km, mb3.7/10, mb1.3/12, mb1mx3.6/58, mbtmp4.0/12, Error ellipse: s-maj=33.8km s-min=17.8km az=175.0

DDA 26 04:30:21.5, 36°10'N, 25°01'E, h62km, M3.9

ISC 26 04:29:49.6, 1.0, 36°10'N, 02:25:05E, 0.02, h9km, 7km, n147, s1947/201, mb3.9/11, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR6 Thira Island, THR6 Thira Island, THR3 Thira Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, etc.

IDC 26 04:33:48.0, 0.9, 8°21'N, 141°96'E, h0km, mb4.0/11, mb1.4/12, mb1mx4.0/51, mbtmp4.0/12, ML2.9/1, Error ellipse: s-maj=32.9km s-min=17.8km az=91.0

ISCJB 26 04:33:51.4, 0.4, 0.8, 15°N, 0.06, 141°9E, 0.1, h33km, mb4.3/19, Error ellipse: s-maj=16.9km s-min=8.0km az=172.3

NEIC 26 04:33:53.0, 0.3, 8°17'N, 141°96'E, h35km, mb4.7/8, Error ellipse: s-maj=12.0km s-min=6.0km az=84.0

ISC 26 04:33:53.0, 0.6, 8°17'N, 0.09, 142°0E, 0.2, h35km, n33, s073/27, mb4.3/19, Western Caroline Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, HNR Honiara, H1S3 WAKE ISLAND Hy, etc.

ATH 26 04:38:01.3, 36°07'N, 25°07'E, h31km, ML3.9/21, Error ellipse: s-maj=0.8km s-min=0.4km az=68.0

ISK 26 04:38:01.1, 36°11'N, 25°01'E, h16km, ML4.4

CSEM 26 04:38:02.0, 0.1, 36°07'N, 25°05'E, h15km, ML3.9, Error ellipse: s-maj=3.1km s-min=2.6km az=4.0

ISCJB 26 04:38:02.0, 0.2, 36°09'N, 01:25:05E, 0.02, h25km, 2km, mb3.8/14, Error ellipse: s-maj=2.4km s-min=2.4km az=9.3

THE 26 04:38:02.8, 36°14'N, 25°09'E, h31km, ML3.9/12, Error ellipse: s-maj=1.1km s-min=0.3km az=73.0

IDC 26 04:38:05.1, 1.0, 35°82'N, 25°20'E, h42km, 16km, mb3.6/11, mb1.3/7/14, mb1mx3.5/58, mbtmp3.8/14, ML3.8/3, Error ellipse: s-maj=20.8km s-min=13.8km az=154.0

DDA 26 04:38:38.9, 36°16'N, 24°69'E, h72km, M4.1

ISC 26 04:38:01.6, 1.0, 36°08'N, 01:25:05E, 0.02, h9km, 7km, n265, s192/240, mb3.8/14, 3C-2D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR6 Thira Island, THR6 Thira Island, THR3 Thira Island, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SAP2K, SAP2K, SAP2K, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KARY, Karystos, Voula, Athens, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ELL, Elmali, PDO, Prodomos, etc.

BULI 26 04:42:00.9, 14:05N:145:60E, h115km, mb5.1/68, mB5.2/47
IDC 26 04:42:03.0, 0.5, 14:35N:145:37E, h98km, 4km, mb4.7/43, mb1.4/343, mb1mx3.8/48, mbtmp5.0/43, MS4.0/12, mb1.4/012, ms1mx3.6/42, Error ellipse: s-maj=11.9km s-min=7.2km az=94.0

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, and Residual. Includes stations like GUMO, GUMO, GUMO, etc.

26Z 4h

Table with columns for flight number, destination, time, status, and other details. Includes flights like H112 WAKE ISLAND, H113 WAKE ISLAND, FAKI Fak Fak, etc.

2012 JAN

Table with columns for flight number, destination, time, status, and other details. Includes flights like KLR Kuldur, KSM Kuching, GRNR Gornyy, etc.

1230

Table with columns for flight number, destination, time, status, and other details. Includes flights like CMAR comp=Z,15nm,0.8s, SMY Shemya, SMY Shemya, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like APE, APEIRANTHOS, SERIFOS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SIGR, SIGRI, DRO, DROSSIA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MKAR, ZAA1, ZALV, etc.

CSEM 26 05:01:59.9,0.1,36.06N:25.06E,h12km,ML3.8,Error ellipse: s-maj=3.2km s-min=2.7km az=134.0, ATH 26 05:01:59.3,36.07N:25.07E,h28km,1km,ML3.8/13,Error ellipse: s-maj=1.2km s-min=0.6km az=74.0, ISCJB 26 05:02:00.3,0.3,36.08N:0.02,25.08E,0.02,h23km,3km, Error ellipse: s-maj=3.4km s-min=2.8km az=34.5, THE 26 05:02:00.1,36.07N:25.06E,h14km,1km,ML3.7/14, Error ellipse: s-maj=1.2km s-min=0.5km az=37.0, ISK 26 05:02:01.0,36.07N:25.06E,h16km,ML3.6, ISC 26 05:01:59.9,0.3,36.07N:0.02,25.07E,0.02,h18km,5km, n121,0F87172, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like THR6, THR7, THR8, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Imerovigli, Santorini-Mono, Thira Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KARP Karpathos, KRND KRANIDI, KARY Karystos, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MMAI Mount Meron Ar, ARTV Artvin, VRAC Vranovo, etc.

MEX 26:06:15:57.0:2.0, 16:80N:94.78W, h120km±17km, MD3.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TGIG, HUIG, PCIG, etc.

HLW 26:06:18:57.7, 36°11'N-25°32'E, h16km, 39km, MD4.6
NEIC 26:06:18:58.1, 0.2, 36:04N:25:01E, h10km, mb4.2/14,
ML4.2(S/K), ML4.2(TH), Error ellipse: s-maj=3.4km,
s-min=3.0km, az=180.0.
ATH 26:06:18:58.7, 36:05N-25:07E, h29km, ML4.1/26, Error
ellipse: s-maj=0.8km, s-min=0.4km, az=89.0.
ISK 26:06:18:59.0, 36:08N-25:05E, h16km, ML4.2.
MOS 26:06:18:59.1, 0.3, 36:03N-25:06E, h33km, mb4.4/11, Error
ellipse: s-maj=1.1km, s-min=0.5km, az=82.2.
CSEM 26:06:18:59.7, 0.1, 36:03N-25:07E, h20km, mb4.4/17, Error
ellipse: s-maj=2.5km, s-min=1.2km, az=17.0.
THE 26:06:18:59.5, 36:05N-25:05E, h14km, ML4.2/19, Error
ellipse: s-maj=0.7km, s-min=0.2km, az=47.0.
ISCJ 26:06:18:59.5, 0.3, 36:04N:0.0:25:07E-0.02, h31km±2km,
mb4.2/42, MS3.5/6, Error ellipse: s-maj=2.5km,
s-min=2.0km, az=19.1.
IDC 26:06:19:00.6, 3.2, 36:02N:25:03E, h30km±24km, mb4.1/25,
mb1.4/22, mb1mx4.1/52, mbtmp4.2/32, ML3.9/7, MS3.5/10,
MS1.3/5/10, ms1mx3.1/53, Error ellipse: s-maj=12.2km,
s-min=9.2km, az=140.0.
DA 26:06:19:10.8, 36:97N-25:50E, h40km, M4.1.
ISC 26:06:18:60.0, 0.9, 36:03N:0.02:25:05E-0.02, h24km±6km,
n536, r131/621, mb4.4/42, MS3.4/6, 10C-GD, Dodecanese

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NPS Neapolis, LAST Lasithi, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ESDC Sonseca Array, GEYT Alibeck, MDT Miledi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JOM Ohasama, JMK Ichinoseki, JMO Ouri, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND, ZALVOVO BEAM, MACHANCI ARRAY, etc.

NNC 26 07:50:21.6-4.7, 54.13N-85.70E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=38.1km s-min=30.9km az=170.0

IDC 26 07:50:19.7-2.3, 54.27N-85.69E, h0km, mb1.3, 2.2, mb1mx2.6/1km, mbtmp3.2/2, ML3.2, 2, 4C-5D, Error ellipse: s-maj=17.4km s-min=8.6km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALVOVO INFRRA, ZALVOVO BEAM, KURCHATOV, etc.

IDC 26 07:52:43.2-0.6, 36.15N-24.96E, h0km, mb3.7/12, mb1.3/16, mb1mx3.6/51, mbtmp3.7/16, ML3.4/4, MS3.2/2, Ms1.3/12, ms1mx2.5/39, Error ellipse: s-maj=15.9km s-min=8.3km az=97.0

ISC 26 07:52:44.0, 36.07N-24.65E, h19km, ML4.1, CSEM 26 07:52:45.7-0.1, 36.07N-24.99E, h5km, MD4.1, Error ellipse: s-maj=3.6km s-min=3.2km az=175.0

ISCJB 26 07:52:45.6-0.4, 36.07N-0.02-0.02, h13km, 3km, mb3.7/12, Error ellipse: s-maj=2.8km s-min=2.7km az=156.6

THE 26 07:52:45.6, 36.06N-25.01E, h9km, 1km, ML3.7/14, Error ellipse: s-maj=1.0km s-min=0.3km az=49.0

ATH 26 07:52:45.3, 36.07N-25.07E, h31km, ML3.7/24, Error ellipse: s-maj=1.2km s-min=0.5km az=66.0

DDA 26 07:53:07.8, 36.12N-24.79E, h62km, Md4.1, ISC 26 07:52:44.7-1.0, 36.08N-0.01-24.99E, 0.02, h11km, 7km, n232, r155/285, mb3.6/12, Southern Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Thira Island, Athinios (Pele), Santorini, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Heraklion, Anoyia, Plaka, Milos I, VAMOS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SMG Samos, BDRM Kayabasi, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like CLDR Caldiran, TUTA Tutak, AGRB Hanur-Agry.

NNC 26 09:31:19.6:3.4, 53.50N:87.85E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=32.3km s-min=21.6km az=178.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURK Kurchatov Arra.

NNC 26 09:45:10.8:1.3, 37.01N:71.19E, h167km, 15km, mb2.7, mpv3.7, 7C-5D, Error ellipse: s-maj=10.9km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array.

JMA 26 09:48:48.6:0.1, 32.74N:138.15E, h57km, 4km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like TK01 Tokai 1, TK02 Tokai 2, TT03 TONANKAI O.B.S.

ICD 26 10:16:54.5:2.5, 13.97N:90.38W, h0km, mb3.2/2, mb1 3.7/5, mb1mx3.5/35, mbmtpp3.3/5, ML3.3/3, MS3.2/2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, JTS JuntasAbangare, TXAR Lajitas Array.

ICD 26 10:30:11.1:3.1, 53.81N:88.11E, h0km, mb1 3.2/2, mb1mx2.9/40, mbmtpp3.2/2, ML3.0/2, Error ellipse: s-maj=26.4km s-min=16.4km az=56.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like Siberia, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam.

ISC/JB 26 10:42:41.6:0.8, 10.39S:0.06:75.10W:0.09, h35km, mb3.0/6, Error ellipse: s-maj=12.8km s-min=7.8km

ICD 26 10:42:46.4:0.4, 10.43S:75.32W, h58km, 35km, mb3.4/5, mb1 3.7/7, mb1mx3.5/30, mbmtpp3.8/7, ML4.0/2, MS2.5/2

ISC 26 10:42:43.3:0.9, 10.43S:0.07:75.10W:0.1, h35km, n14, r1919/16, mb3.0/5, Central Peru

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like NNA Nana, ATAH Atahualpa, SOTA Rioblanco, RREF El Recreo.

ICD 26 10:52:00.7:2.0, 0.52S:134.80E, h0km, mb3.8/2, mb1 3.9/4, mb1mx3.4/35, mbmtpp3.7/4, ML3.4/2, MS3.4/2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like SIJI Sorong, PMG Port Moresby, WRA Warramunga Arr.

ISC/JB 26 11:04:33.1:0.5, 44.25N:0.05:138.72E:0.07, h272km, mb3.0/6, Error ellipse: s-maj=7.7km s-min=6.1km az=30.2

ICD 26 11:04:33.8:0.9, 44.38N:138.67E, h268km, 9km, mb2.9/7, mb1 3.1/10, mb1mx3.0/41, mbmtpp3.5/10, Error ellipse: s-maj=14.3km s-min=12.2km az=131.0

JMA 26 11:04:35.4:0.3, 44.21N:138.84E, h272km, M3.1, ICD 26 11:04:33.5:0.8, 44.21N:138.80E:0.07, h272km, n27, r1777/13, mb3.1/6, Eastern Sea of Japan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like JSK Shakotan, JSH Shimam, JSH Hokuryu, JOSM Okushiri-Mats.

TRN 26 11:05:05.1, 14.03N:60.58W, h29km, MD3.5, Windward Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like MCLT Moule a Chique, SLB Belfond, MVM Montagne Vauci.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like SVCV Soufriere Volc, BVMF Morne Balai, PCM Pelee Case Pet.

NIED 26 11:19:00.38:80N:142.40E, h8km, Mw3.5 Best double couple: M1.720000*1014 N1.912200000, s32.00000, l.22.00000, NP2.9243.00000, s75.00000, l.119.00000

JMA 26 11:19:06.8:0.1, 38.78N:142.44E, h29km, 2km, M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, JIO Ouri, JIO Ichinoseki, JMK Ohasama.

ICD 26 11:24:20.9:0.5, 9.12N:125.97E, h0km, mb4.1/19, mb1 4.2/20, mb1mx4.1/42, mbmtpp4.1/20, ML3.9/1, MS3.1/6

NEIC 26 11:24:24.2:1.5, 9.09N:126.05E, h21km, 18km, mb4.4/7, Error ellipse: s-maj=11.9km s-min=5.5km az=82.0

MAN 26 11:24:29.9:22N:126.35E, h35km, mb4.6, ML3.5, MS3.5, ICD 26 11:24:21.0:1.6, 9.20N:0.03:126.34E:0.06, h1km, 9km, n73, r19077/21, mb3.0/27, MS3.0/5, l1C-7D, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like BUTP Butuan, BIPH Bislig, BIPH Surigao, MSLP Maasin, MUSP Musan.

JUNU Nakatsue 24.17 9.0 P 11 29 39.1 +0.1

CMAR Chiang Mai Arr 28.11 292 P 11 33 30.0 +0.7

KS15 Wonju Array Si 28.15 3 P 11 30 15.7 +0.8

KSAR Wonju Array Be 28.15 3 P 11 30 15.7 +0.8

KSRS Korea Array 28.16 3 P 11 30 15.7 +0.7

KSRS 2.3km, 0.6s, baz=180, slow=7.5, SNR=8.5

MJAR Matushiro Arr 29.27 20 LR 11 43 24.1

WR1 Warramunga Arr 30.02 165 P 11 30 30.9 -0.6

WRA Warramunga Arr 30.02 165 P 11 30 30.9 -0.7

AS31 Alice Springs 33.50 167 P 11 31 02.4 +0.2

ASAR Alice Springs 33.50 167 P 11 31 02.4 +0.2

USRK Ussuriysk Arr 35.21 7 P 11 31 19.1 +2.3

MDJ Mudanjiang 35.39 4 P 11 31 20.3 +1.9

KLK Kul'dur 40.15 6 P 11 32 00.1 +1.5

H1S3 WAKE ISLAND Hy 40.17 72 T 12 14 57.6

H1S1 WAKE ISLAND Hy 40.18 72 T 12 14 52.8

H1N2 WAKE ISLAND Hy 40.55 70 T 12 15 36.3

26d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Array, Seymchan, Kurkhatov, etc.

BUI 26 11:44:49.2, 0.235x121.24E, h140km, mb4.6/37, mb4.9/18

ISCJB 26 11:44:50.0, 0.2, 0.40N, 0.03x121.00E, 0.04, h100km

NEIC 26 11:44:54.0, 0.7, 0.26N, 120.95E, h135km, 7km, mb4.7/22

DJA 26 11:44:54.0, 0.3, 0.0N, 3x12.1E, h105km, 5km, M4.8/13

IDC 26 11:45:03.1, 5.9, 0.26N, 121.05E, h222km, 61km, mb3.9/16

ISC 26 11:44:51.9, 0.4, 0.32N, 0.05x120.86E, 0.04, h100km, n97

Main station list for 26d 11h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mapaga, Marisa, Ampana, etc.

2012 JAN

Main station list for 2012 JAN with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZH, BJT, LSA, etc.

1246

Main station list for 1246 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI, NLAI, LBMI, etc.

448A	Smith Brothers baz=162,SNR=9.7	31.28 345	P	P	11 56 50.7 +0.6
445A	Hickory Valley baz=151	31.41 342	P	P	11 56 51.6 +0.4
447A	Nunnally baz=161	31.55 344	P	P	11 56 53.1 +0.7
WVT	Waverly baz=160	31.91 344	P	P	11 56 55.9 +0.3
WVT	Waverly comp=Z,3.9nm,0.6s	31.91 344	eP	P	11 56 55.9 +0.3
448A	Cassie Pea, Po baz=163	31.95 346	P	P	11 56 56.7 +0.8
447A	Clarksville baz=161	32.07 345	P	P	11 56 57.4 +0.4
Y39A	Lockesburg baz=148	32.20 334	P	P	11 56 58.6 +0.5
446A	Springville baz=165	32.23 344	P	P	11 56 58.9 +0.5
448A	Bowling Green baz=163	32.48 347	P	P	11 57 01.3 +0.6
T47A	Sharon Grove baz=162	32.54 346	P	P	11 57 01.8 +0.7
X39A	Fountain Ranch baz=148	32.69 334	P	P	11 57 03.1 +0.6
V42A	Cord baz=154	32.74 339	P	P	11 57 02.6 -0.3
T46A	Princeton baz=160	32.79 345	P	P	11 57 03.5 +0.2
U43A	Rector baz=156	32.91 341	P	P	11 57 04.6 +0.2
S48A	Wiedeman Farm, baz=164	32.94 348	P	P	11 57 04.6 +0.1
W39A	Magazine baz=149	33.13 335	P	P	11 57 06.6 +0.3
U42A	Reverden baz=154	33.18 340	P	P	11 57 06.4 -0.2
V40A	Witts Springs baz=151	33.27 337	P	P	11 57 07.6 0.0
W38A	Poteau baz=148	33.34 334	P	P	11 57 08.5 +0.3
S46A	Don Dixon Farm baz=161	33.35 345	P	P	11 57 08.3 +0.1
T43A	Greenville baz=155	33.53 341	P	P	11 57 09.9 +0.1
S45A	Carrier Mills baz=160	33.57 344	P	P	11 57 10.3 +0.2
USIN	University of comp=Z,2.9nm,0.8s	33.60 345	eP	P	11 57 10.5 +0.2
R48A	Northridge Ran baz=165	33.61 346	P	P	11 57 10.8 +0.3
V39A	Pettigrew baz=150	33.63 338	P	P	11 57 10.5 -0.2
T42A	Van Buren baz=155	33.74 340	P	P	11 57 11.3 -0.3
X36A	Centrahoma baz=145	33.76 331	P	P	11 57 11.4 -0.4
U40A	Yellville baz=152,SNR=5.1	33.77 337	P	P	11 57 11.4 -0.4
S44A	Carbondale baz=158	33.78 343	P	P	11 57 11.5 -0.3
W37B	Quinton baz=146	33.80 333	P	P	11 57 11.8 -0.4
S43A	Fulton Ridge, baz=157	33.91 342	P	P	11 57 12.5 -0.5
X35A	Drake baz=144	33.92 330	P	P	11 57 12.6 -0.6
ABTX	Abilene, Hawle baz=138	33.96 325	P	P	11 57 13.4 -0.2
ABTX	Abilene, Hawle comp=Z,1.3nm,1.3s	33.96 325	eP	P	11 57 14.0 +0.4
V38A	Canehill baz=149	33.97 335	P	P	11 57 12.8 -0.7
T41A	Mountain View baz=154	33.98 339	P	P	11 57 13.4 -0.4
U39A	Green Forest baz=151	34.04 337	P	P	11 57 13.9 -0.3
R45A	Skylar, Fairir baz=160	34.07 345	P	P	11 57 14.4 0.0
W36A	Wetumka baz=148	34.16 332	P	P	11 57 15.2 -0.2
TXAR	Lajitas Array comp=Z,0.8nm,0.9s,baz=142,slow=6.3,SNR=7.6	34.22 317	P	PcP	11 57 15.8 -0.2
TXAR	comp=Z,1.8nm,1.0s,baz=141,slow=4.4,SNR=6.7	34.22 317	LR	P	11 59 53.2 +1.0
HPIG	comp=Z,6.6nm,18.3s,baz=0.0,slow=39	34.24 312	eP	P	12 12 48.7
R44A	Waltonville baz=159	34.24 344	P	P	11 57 17.5 +1.2
Q47A	Bedord North L baz=164,SNR=7.9	34.24 348	P	P	11 57 15.0 -0.9
S42A	Caledonia baz=151	34.32 341	P	P	11 57 15.8 -0.8
T40A	Mansfield baz=153,SNR=5.7	34.35 339	P	P	11 57 16.3 -0.6
U38A	Gravette baz=149	34.45 336	P	P	11 57 17.2 -0.6
S41A	Jillico Farms, baz=154	34.47 340	P	P	11 57 17.8 -0.1
W35A	Tecumseh baz=144	34.48 331	P	P	11 57 17.9 -0.2
R43A	Red Bud baz=158	34.51 343	P	P	11 57 18.2 0.0
T39A	Cleaver baz=161	34.56 337	P	P	11 57 18.1 -0.6
Q45A	Warren Harvey, baz=151	34.61 345	P	P	11 57 18.2 -0.8
TUL1	Leonard baz=147	34.61 333	P	P	11 57 19.0 -0.1
OC6A	Blue Knob Stat baz=178	34.63 359	P	P	11 57 17.1 -2.1
CSM	Cathedral Cave baz=155	34.72 341	P	P	11 57 19.8 -0.3
CCM	Cathedral Cave comp=Z,1.6nm,1.4s	34.72 341	eP	P	11 57 19.6 -0.4
U37A	Salina baz=148	34.73 335	P	P	11 57 19.7 -0.4
P47A	Martinsville baz=160	34.74 348	P	P	11 57 20.3 +0.1
S40A	Lebanon baz=153,SNR=6.4	34.74 339	P	P	11 57 19.8 -0.4
R42A	Luebbering baz=156	34.78 342	P	P	11 57 20.2 -0.4
Q44A	Meyer Farm, Va baz=160	34.84 344	P	P	11 57 20.6 -0.4
T38A	Diamond baz=150	34.93 336	P	P	11 57 21.3 -0.6
V35A	Meyer Ranch, C baz=145	34.96 332	P	P	11 57 21.7 -0.5
U36A	Oologah baz=147	34.98 334	P	P	11 57 22.1 -0.2
R41A	Rosebud baz=155	34.99 341	P	P	11 57 22.0 -0.3
P46A	Rosedale baz=163	35.07 347	P	P	11 57 22.7 -0.3
WMOK	Wichita Mounta baz=141	35.10 329	P	P	11 57 22.9 -0.5
WMOK	Wichita Mounta comp=Z,1.9nm,1.8s	35.10 329	eP	P	11 57 23.2 -0.3
P45A	Graceland, Par baz=162	35.11 346	P	P	11 57 22.5 -0.8
S39A	Bolivar baz=152	35.12 338	P	P	11 57 23.1 -0.5
T37A	Cheneyville 18 baz=149	35.26 336	P	P	11 57 24.5 -0.2
R40A	Sand Creek, Wi baz=160	35.27 345	P	P	11 57 24.4 -0.3
P44A	Maddies Statio baz=150	35.28 340	P	P	11 57 24.5 -0.4
N54A	Moraine State baz=176	35.38 357	P	P	11 57 25.4 -0.3
O47A	Sheridan baz=165,SNR=5.5	35.44 349	P	P	11 57 25.7 -0.6
Q41A	Truxton baz=158	35.54 341	P	P	11 57 26.7 -0.3
R39A	Chumby, Stover baz=153	35.57 339	P	P	11 57 26.8 -0.6
T36A	Boggs Farm, Ca baz=147	35.61 334	P	P	11 57 27.4 -0.3
T35A	Sooner Cattle baz=146	35.76 334	P	P	11 57 28.6 -0.5
S37A	Fort Scott baz=150	35.77 336	P	P	11 57 28.4 -0.6
R38A	Fenwick Farm, baz=151	35.78 338	P	P	11 57 28.4 -0.7
Q40A	Laux Farm, Aux baz=155	35.85 340	P	P	11 57 29.0 -0.7
P42A	Winchester baz=158	35.85 343	P	P	11 57 29.1 -0.6
SLBS	Sierra La Lagu comp=Z,1.9nm,1.1s	36.04 303	eP	P	11 57 35.5 +3.8
S36A	Lak Cedric, C baz=148	36.05 335	P	P	11 57 30.6 -0.9
P41A	Barry, Barry baz=157	36.14 342	P	P	11 57 31.6 -0.7
Q39A	Willow Grove F baz=150	36.20 339	P	P	11 57 32.0 -0.8
R37A	Teagarden Farm baz=150	36.24 337	P	P	11 57 32.3 -0.9
Q38A	Cooks Store, C baz=162	36.35 339	P	P	11 57 33.3 -0.8
N44A	Piper City baz=162	36.40 346	P	P	11 57 33.6 -0.8
P39B	Salisbury baz=162	36.52 340	P	P	11 57 34.5 -1.0
MSTX	Muleshoe baz=135	36.74 324	P	P	11 57 36.9 -0.7
MSTX	Muleshoe comp=Z,9.4nm,1.0s	36.74 324	eP	P	11 57 37.8 +0.2
O40A	La Belle baz=156	36.80 342	P	P	11 57 37.2 -0.7
MNTX	Cornudas Mount baz=129,SNR=5.7	36.86 318	P	P	11 57 38.1 -0.4
MNTX	Cornudas Mount comp=Z,5.3nm,1.1s	36.86 318	eP	P	11 57 38.5 0.0
P38A	Dawn baz=153	36.91 339	P	P	11 57 37.7 -1.1
Q39A	Kirksville baz=153	37.14 341	P	P	11 57 39.9 -0.9
P37A	Lathrop baz=151	37.17 338	P	P	11 57 39.4 -1.7
CPUP	Villa Florida comp=Z,103nm,19.9s,baz=324,slow=37	37.22 149	LR	P	12 13 38.2
O38A	Gal baz=153	37.33 340	P	P	11 57 41.6 -0.8
M41A	Milan baz=158	37.56 344	P	P	11 57 43.3 -1.0
P34A	Wait Farm, R baz=148	38.10 336	P	P	11 57 48.1 -0.9
L41A	Preston baz=159	38.20 344	P	P	11 57 48.6 -1.1
L40A	Anamosa baz=160	38.39 344	P	P	11 57 50.3 -1.0
JFWS	Jewell Farm baz=160	38.92 345	P	P	11 57 54.4 -1.3
K40A	Colesburg baz=162	38.96 344	P	P	11 57 55.1 -0.9
121A	Cookes Peak, D baz=127	38.98 317	P	P	11 57 57.0 +0.4
L38A	Oak Wood Farm, baz=155	38.98 342	P	P	11 57 55.5 -0.7
M35A	Neola baz=151	39.31 338	P	P	11 57 58.3 -0.7
J40A	Soldiers Grove baz=159	39.50 345	P	P	11 57 59.6 -1.0
I42A	Draeger Farm, baz=162	39.52 347	P	P	11 58 00.1 -0.7
ANMO	Albuquerque baz=131	39.63 321	P	P	11 58 02.8 +0.8
ANMO	Albuquerque comp=Z,14nm,1.8s	39.63 321	eP	P	11 58 03.3 +1.3
J39A	Decorah baz=157	39.70 344	P	P	11 58 01.3 -1.0
T25A	Trinidad baz=153,SNR=7.7	39.93 326	P	P	11 58 04.8 +0.4
T25A	Trinidad comp=Z,1.1nm,1.0s	39.93 326	eP	P	11 58 06.5 +2.1
KSCO	Kaye Shedlock baz=158	40.35 329	P	P	11 58 08.2 +0.3
J38A	Scanlan Farm, baz=157	40.53 344	P	P	11 58 07.8 -1.3
TUC	Tucson baz=124	40.92 315	P	P	11 58 13.6 +1.0
TUC	Tucson comp=Z,9.7nm,1.1s	40.92 315	eP	P	11 58 14.4 +1.8
SDCO	Great Sand Dun baz=134,SNR=8.1	40.97 325	P	P	11 58 14.0 +0.8
SDCO	Great Sand Dun comp=Z,1.1nm,1.2s	40.97 325	eP	P	11 58 14.7 +1.5
F41A	Three Lakes baz=162	41.32 348	P	P	11 58 15.2 -0.5
G39A	Holcombe baz=159	41.38 345	P	P	11 58 15.7 -0.3
G38A	Ridgeland baz=158	41.44 345	P	P	11 58 15.1 -1.5
E44A	Grand Marais A baz=161	41.60 351	P	P	11 58 18.9 +1.1
X18A	Snowflake comp=Z,9.6nm,1.3s	41.62 318	eP	P	11 58 19.8 +1.3
S22A	4UR Ranch, C baz=133	41.73 324	P	P	11 58 20.9 +1.4
S22A	4UR Ranch, C comp=Z,16nm,1.8s	41.73 324	eP	P	11 58 21.4 +1.9
J32A	Parkston baz=149	41.76 338	P	P	11 58 17.6 -1.6
W18A	Petrified Fore baz=159	41.83 319	P	P	11 58 21.2 +1.0
W18A	Petrified Fore comp=Z,1.5nm,1.3s	41.83 319	eP	P	11 58 22.6 +2.4
E40A	Wakefield baz=157	42.17 347	P	P	11 58 22.2 -0.3
214A	Organ Pipe Nat baz=121	42.18 313	P	P	11 58 24.0 +1.1
214A	Organ Pipe Nat comp=Z,1.9nm,0.8s	42.18 313	eP	P	11 58 24.0 +1.1
MVCO	Mesa Verde baz=130	42.36 322	P	P	11 58 25.5 +1.0
MVCO	Mesa Verde comp=Z,2.7nm,1.8s	42.36 322	eP	P	11 58 26.5 +2.0
ISCO	Ischo Springs comp=Z,1.2nm,1.7s	42.49 328	eP	P	11 58 27.1 +1.5
F36A	Milaca baz=156	42.53 343	P	P	11 58 24.8 -0.7
WU4Z	Wupatki comp=Z,2.6s,SNR=6.1	43.14 318	P	P	11 58 30.9 +0.1
WU4Z	Wupatki comp=Z,8.8nm,1.0s	43.14 318	eP	P	11 58 33.1 +2.3
G32A	Webster baz=160	43.26 339	P	P	11 58 30.4 -1.0
113A	Mohawk Valley, comp=Z,8.6nm,1.3s	43.29 313	eP	P	11 58 34.0 +2.2
F33A	5 Mile Ranch, baz=154	43.36 341	P	P	11 58 31.2 -0.9
Y14A	Wickenburg comp=Z,1.6nm,1.0s	43.36 315	eP	P	11 58 34.3 +1.8
D37A	Cotton baz=158	43.44 345	P	P	11 58 32.5 -0.3
N23A	Red Feather La baz=136	43.45 328	P	P	11 58 34.0 +0.6
O20A	White River Ci baz=133	44.16 326	P	P	11 58 39.5 +0.5
U15A	North Rim comp=Z,6.8nm,1.4s	44.28			

Table with columns: ID, Name, Time, Az, El, P, Res, Az, El, P, Res. Rows include V48A Smith Brothers, V38A Canehill, BG3 Lake Jocassee, etc.

Table with columns: ID, Name, Time, Az, El, P, Res, Az, El, P, Res. Rows include T25A Trinidad, N38A Joes South For, N18A Mertzquake, etc.

Table with columns: ID, Name, Time, Az, El, P, Res, Az, El, P, Res. Rows include NOA NORSAR Array B, DBIC Dimbokoro, ARCES ARCES Array B, etc.

MEX 26 13:29:07.20 6.14776N-93.249W, h16km, 29km, MD3.7, Near coast of Chiapas. Table with columns: Code, Station Name, Az, El, P, Res, Az, El, P, Res.

MEX 26 13:31:54.3 0.6 14.737N-93.29W, h16km, 99km, MD3.8, Near coast of Chiapas. Table with columns: Code, Station Name, Az, El, P, Res, Az, El, P, Res.

ISCJB 26 13:43:03.9 0.5 38.777N-103.3036E, 0.03, h2km, 8km, Error ellipse: s-maj=4.7km s-min=4.5km az=24.1

CSEM 26 13:43:03.9 0.1 38.777N-103.3036E, h8km, ML2.5, Error ellipse: s-maj=3.3km s-min=2.9km az=126.0

Table with columns: Code, Station Name, Az, El, P, Res, Az, El, P, Res. Rows include SHUT Suhut-Afyon, SHUT Suhut-Afyon, BOLV Bolvadin, etc.

ISCJB 26 13:57:49.2 1.1 2.60N-109.93:18E, 0.06, h35km, mb3.8/3, Error ellipse: s-maj=13.3km s-min=8.5km az=12.5

DJA 26 13:57:54.9 0.9 3°N 5° 9' E, h10km, M4.1/6, mb4.4/4, mb5.3/3, MLV3.9/6, Mw(MB)4.7/3

DC 26 13:57:56.9 2.9 4.72N-96.15E, h0km, mb3.8/3, mb1.3/9.4, mb1mx3.5/2, mbmp3.7/4, ML3.8/1, Error ellipse: s-maj=12.6km s-min=27.2km az=60.0

ISC 26 13:57:50.5 1.6 2.6N-101.93E, 0.1, h35km, n12, s135/17, mb3.7/3, Off west coast of northern Sumatra

IDC 26 14:14:56.2 1.6 3.418N-106.81E, h0km, mb3.4/2, mb1.3/4.3, mb1mx3.1/4.4, mbtmp3.4/3, ML2.8/1, Error ellipse: s-maj=21.7km s-min=24.6km az=141.0

ISCJB 26 14:14:58.1±0.3, 36°05'N, 0°02:25.07E, 0.03, h28km, 4km, mb3.3/2, Error ellipse: s-maj=4.4km s-min=3.4km az=10.6

comp=2.58nm, 19.6s, baz=36, slow=34 HNR Honiara 9.30 309 Pn 14 25 07.7 +0.2

RED Redoubt Volcan 1.10 358 P Pn 14 56 59.2 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR6 Thira Island, THR5 Thira Island, THR4 Thira Island, THR3 Thira Island, THR2 Thira Island, THR1 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA Warrungunga Arr, ASAR Alice Springs, PPT2 Papeete, TBI Tubuai, KLR Kul'dur.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KDAH Kadiak Island, KDAH Kadiak Island, KCG Knife Ck. Glac, KCG Knife Ck. Glac.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR1 Athinios (Pele), THR1 Athinios (Pele), THR1 Athinios (Pele), THR1 Athinios (Pele).

ISCJB 26 14:23:56.1±0.4, 37°22'N, 0°06:13.96E, 0.06, h273km, mb2.9/4, Error ellipse: s-maj=3.1km s-min=6.5km az=26.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSZ Suzu, MAT Matsushiro, MAT Matsushiro, MAT Matsushiro.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THR2 Thira Island, THR2 Thira Island, THR2 Thira Island, THR2 Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JSD Songoing Array, JSD Songoing Array, JSD Songoing Array, JSD Songoing Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A, RCO1 Rabbit Creek A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AUI Augustine Isla, AUI Augustine Isla, AUI Augustine Isla, AUI Augustine Isla.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENLH Shoufeng, ENLH Shoufeng, ENLH Shoufeng, ENLH Shoufeng.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Msl 3.6,ms1mx3.2/39, Error ellipse: s-maj=40.1km s-min=22.3km az=46.0
ISC 26 17:45:12.7-0.6,2.46N,0.06E-95.84E,0.08,h25km,m101,
c087/88,mb4.8/29,MS3.7/4,1C,Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations including SONM, ULN, KKR, etc.

IGQ 26 17:59:18.1-0.9,4.3S,12x78W,3.1, h12km, MLv4.2/1, MLv4.2/9, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Peru-Ecuador border region.

ISCJB 26 18:01:16.0-0.6,6.10S:0.05:130.64E:0.09, h124km, mb3.8/4, Error ellipse: s-maj=12.8km s-min=6.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISCJB 26 18:01:16.0-0.6,6.10S:0.05:130.64E:0.09.

IDC 26 18:01:17.2-2.2,6.06S:130.59E, h14km, mb3.6/4, mb1 3.6/8, mb1mx3.4/38, mbmt3.9/8, Error ellipse: s-maj=46.6km s-min=15.7km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for IDC 26 18:01:17.2-2.2,6.06S:130.59E.

DJA 26 18:01:20.0-0.4,6.7S:3.13'OE', h175km,7km, M4.0/12, mb4.7/2, mb3.8/5, MLv4.1/12, MLw(mb)3.9/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for DJA 26 18:01:20.0-0.4,6.7S:3.13'OE'.

ISC 26 18:01:17.9-0.8,5.97S:0.06:130.57E:0.09, h124km, m19, c233/22, mb3.8/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC 26 18:01:17.9-0.8,5.97S:0.06:130.57E:0.09.

IDC 26 18:06:38.5-5.4,20.47Sx178.27W, h598km,64km, mb3.0/7, mb1 3.4/7, mb1mx3.1/22, mbtp4.0/7, Error ellipse: s-maj=89.4km s-min=24.9km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for IDC 26 18:06:38.5-5.4,20.47Sx178.27W.

n13, c133/21, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for n13, c133/21, mb3.4/3.

ISK 26 18:30:42.1, 38'61N-43'25E, h14km, ML2.3 CSEM 26 18:30:43.7-0.2, 38'62N-43'24E, h10km, ML2.3, Error ellipse: s-maj=5.9km s-min=4.9km az=88.0

DDA 26 18:30:43.7, 38'66N-43'32E, h43km, ML2.7 ISCJB 26 18:30:44.2-0.6, 38'63N-0.04:43'27E:0.06, h12km,6km, Error ellipse: s-maj=8.7km s-min=5.5km az=26.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISK 26 18:30:42.1, 38'61N-43'25E.

ISCJB 26 18:37:29.0-0.5, 53'71N:0.05:164.01W:0.06, h39km, mb3.9/15, MS3.2/3, Error ellipse: s-maj=7.9km s-min=4.4km az=152.8

NEIC 26 18:37:29.0-0.5, 53'76N:164.01W, h26km, mb3.9/3, ML3.7(AEIC), After AEC.

IDC 26 18:37:31.2-3.8, 53'96N:164.21W, h39km,28km, mb3.7/14, mb1 3.9/16, mb1mx3.6/49, mbmt3.9/16, ML3.2/2, MS3.4/3, Msl 3.4/3, ms1mx2.8/38, Error ellipse: s-maj=37.1km s-min=18.1km az=178.0

ISC 26 18:37:30.4-0.8, 53'75N:0.08:164.01W:0.05, h39km, n54, c1935/51, mb4.0/15, MS3.2/3, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISCJB 26 18:37:29.0-0.5, 53'71N:0.05:164.01W:0.06.

26d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SONMI Songino Array, ARCES ARCESS Array B, ZALV Zalesovo Beam, etc.

WEL 26 18:54:20.4, 40°S 4' 17.7E, h33km, ML4.2/13, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists various stations like KAHZ Kahuranaki, CKZH Cape Kidnapper, etc.

MAN 26 18:57:32, 16°08N-121°05E, h29km, mb4.5, ML3.3, MS3.2, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like PCHP Palayan, BAPL Baler, etc.

IGQ 26 19:01:08.9, 0.9, 3°S, 107°7'W, h12km, MLv4, n29

ISC 26 19:01:08.1, 2.8, 2.4, 5.0, 2.77, 23W, h0.08, h10km, 0.09, 1913/29, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like BPAT Tungurahua Vol, BULB Ulba Tungurahua, etc.

JMA 26 19:14:05.7, 0.1, 36°13N-139°19E, h65km, 1km, M1.3,

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Eastern Honshu section.

JMA 26 19:14:30.8, 36.78N-138.57E, h8km, 2km, M0.4, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Matsushiro section.

ISCJB 26 19:24:07.6, 0.7, 3.69N, 0.06, 96.96E, 0.07, h90km, 5km, mb3.4/4, Error ellipse: s-maj=13.4km s-min=6.8km

DJA 26 19:24:09.7, 0.5, 4°N, 3°9'7"E, h58km, 7km, M3.5/8, az=138.4

ISC 26 19:24:11.6, 5.0, 3.80N-97.08E, h110km, 30km, mb3.2/4, mb1.3/3.6, mb1mx3.1/3.6, mbtmp3.4/6, Error ellipse: s-maj=101.3km s-min=18.1km az=63.0

ISC 26 19:24:08.1, 0.9, 3.71N, 0.06, 96.92E, 0.07, h86km, 6km, n12, c1945/18, mb3.3/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Northern Sumatra section.

WRA Warramunga Arr 43.62 124 P 19 32 04.2 0.0

SONMI Songino Array 44.72 9 P 19 32 13.7 +1.0

ASAR Alice Springs 94.08 185 P 20 07 38.2 +0.2

ISCJB 26 19:32:59.0, 5.38, 75N, 0.02, 30.39E, 0.03, h7km, 5km, Error ellipse: s-maj=4.4km s-min=4.1km az=158.5

DDA 26 19:32:59.7, 38.73N, 30.44E, h7km, M1.5, ISK 26 19:32:59.1, 38.77N, 30.44E, h8km, ML2.7

CSEM 26 19:33:00.0, 0.1, 38.74N, 30.40E, h10km, ML2.7, Error ellipse: s-maj=3.2km s-min=3.0km az=53.0

ISC 26 19:33:00.0, 0.9, 38.73N, 0.02, 30.40E, 0.02, h12km, 7km, n27, c067/48, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Turkey section.

ISCJB 26 19:42:47.9, 0.7, 46.14N, 0.06, 107.17W, 0.1, h0km, Error ellipse: s-maj=11.2km s-min=8.4km az=12.8

ISC 26 19:42:47.4, 1.5, 46.02N, 107.09W, h0km, mb1.3/2.3, mb1mx3.0/3.1, mbtmp2.9/3.0, ML2.8/3.0, Error ellipse: s-maj=50.8km s-min=9.0km az=127.0

NEIC 26 19:42:48.4, 0.6, 46.16N, 106.97W, h0km, ML2.7, Error ellipse: s-maj=10.0km s-min=7.9km az=103.0, Suspected Mining explosion.

NEIC 25 km [16 miles] WSW of Forsyth. ISC 26 19:42:48.0, 1.0, 46.18N, 0.06, 106.97W, 0.06, h0km, n13, c1936/13, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Montana section.

1258

YKA Yellowknife Ar 16.92 348 P 19 46 45.7 -0.1

ISC 26 19:47:29.1, 24.0, 51.60N, 176.42W, h0km, mb3.4/3, s-maj=3.8/3.6, mb1mx3.3/3.0, mbtmp3.4/3, Error ellipse: s-maj=72.3km s-min=96.1km az=80.0

ISCJB 26 19:47:36.6, 1.1, 51.55N, 0.1, 175.77W, 0.07, h47km, mb3.4/3, Error ellipse: s-maj=19.2km s-min=5.5km az=171.7

NEIC 26 19:47:37.5, 0.0, 51.61N, 175.80W, h33km, ML3.4(AEIC), After AEIC.

ISC 26 19:47:38.3, 1.2, 51.7N, 0.2, 175.83W, 0.05, h47km, n21, c0444/16, mb3.4/3, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Andreanof Islands section.

ISC 26 19:54:18.0, 9.8, 62.46S, 51.13W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.8/1.5, mbtmp3.9/3, Error ellipse: s-maj=70.2km s-min=50.3km az=120.0, Southwestern Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Southwestern Atlantic Ocean section.

MEX 26 19:42:46.5, 0.4, 17.86N, 102.54W, h28km, 14km, MD3.9, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Michoacan section.

ISC 26 20:27:17.3, 1.3, 25.08N, 127.86E, h0km, mb3.6/5, mb1.3/7.6, mb1mx3.4/3.3, mbtmp3.7/6, ML3.4/1, MS3.5/2, Ms1.3/5.2, ms1mx2.8/5.1, Error ellipse: s-maj=59.3km s-min=19.5km az=71.0

ISCJB 26 20:27:19.6, 0.7, 25.13N, 0.04, 128.06E, 0.04, h36km, 10km, mb3.5/5, MS4.5/1, Error ellipse: s-maj=7.6km s-min=4.1km az=142.7

JMA 26 20:27:20.6, 0.2, 25.19N, 127.99E, h72km, 5km, M3.6

ISC 26 20:27:19.9, 2.7, 25.11N, 0.05, 128.06E, 0.04, h26km, 21km, n25, c1936/40, mb3.7/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Ryukyu Islands section.

Table with multiple columns containing station names, call signs, frequencies, and signal strength indicators. Includes stations like BSO4, JIE, KJN2, HJMK, HMM, JOD2, etc., and a large section for Quanzhou and other regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like F10A Beach Ranch, BEKA Beckworth, OBNA Obninsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SOCS Sochi, KONS Kamsvik, SNCC San Nicolas Is, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like DUG Dugway, AHID Auburn, PFO Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like J41A Loganville, M39A Webster, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC Barichara, RUSC La Rusia, CHIC Chingaza, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I165/18, mb3.6/4, Off east coast of Honshu, JHO Hitachi, etc.

27d 1h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like PESTR, FOEL, PVRL, POLO, LCP, etc.

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like EDI, AKTO, AKTO, AKTO, etc.

1276

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like USP, AAK, AAK, AAK, etc.

27d 3h

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, h, m, s, ISC. Includes stations like AAGR Agrelo, ARCO CERRO ARCO, ASPA Uspallata, CANA Cavihuco, etc.

ISC 27 02:26:01.61 ± 0.1, 35.48N-25.90E, h0km, mb3.5/4, mb1.3/5.5, mb1mx3.3/36, mbtmp3.4/5, ML2.5/1, Error ellipse: s-maj=51.2km s-min=9.6km az=159.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, h, m, s, ISC. Includes stations like THR6 Thira Island, THR7 Thira Island, THR8 Thira Island, etc.

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Main table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, h, m, s, ISC. Includes stations like MHLO Agia Marina, MHLO Agia Marina, MHLO Plaka, etc.

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Table with columns: Code, Station Name, Az, El, Az, El, Time, Res, ISC, h, m, s, ISC. Includes stations like DMN Daman, DANN Dangising, MKAR Makanchi Array, etc.

RETA Reutte 152.11 346 ePKPab PKPab 03 23 54.4 -0.3
MOTA Moosalm 152.17 346 ePKPbc PKPbc 03 23 43.1 +0.7

JMA 27 03:09:03.1,36.99N,140.53E,h6km±1km,M2.6,Near east coast of eastern Honshu
Code Station Name Δ° AZZ Phase ID Time Res

IDC 27 03:14:41.6,2.2,7.50S,127.48E,h0km,mb3.7/1, mb1 3.9/3,mb1mx3.4/31,mbtmp3.7/3,ML3.6/2,Error ellipse: s-maj=289.0km s-min=31.0km az=64.0, Banda Sea
Code Station Name Δ° AZZ Phase ID Time Res

IDC 27 03:35:48.2,3.2,13.36N,125.77E,h0km,mb3.6/4, mb1 3.8/4,mb1mx3.4/26,mbtmp3.6/4,MS3.7/2,Ms1 3.7/2, ms1mx2.9/35,Error ellipse: s-maj=266.9km s-min=25.0km az=64.0
ISCBJ 27 03:35:52.7,1.3,13.01N,0.05,124.79E,0.07,h33km,8km, mb3.7/4,MS3.7/2,Error ellipse: s-maj=11.6km s-min=8.0km az=150.9

MAN 27 03:35:53,13.04N,124.67E,h18km,mb4.4,ML3.2,MS3.1
ISC 27 03:35:52.7,1.5,13.03N,0.06,124.78E,0.08,h24km±1km, n12,±1922/15,mb3.6/4,2C-1D,Luzon

Code Station Name Δ° AZZ Phase ID Time Res
CNP Catarman 0.52 193 eP Pb 03 36 03.2 0.0
CNP CNP eS Sb 03 36 10.6 +0.1
PVPV Virac 0.83 313 eP Pb 03 36 08.0 -0.6

ISN 27 04:09:14.6,0.7,37.28N,43.88E,h0km±4km,ML3.1
CSEM 27 04:09:17.0,0.4,37.19N,43.94E,h5km,ML3.1,Error ellipse: s-maj=9.2km s-min=7.5km az=103.0
ISK 27 04:09:17.1,37.07N,43.72E,h5km,ML3.1
ISCBJ 27 04:09:18.1,0.8,37.27N,0.4,43.90E,0.05,h2km,6km, Error ellipse: s-maj=8.6km s-min=5.0km az=41.1

DDA 27 04:09:18.0,37.29N,43.87E,h7km,ML3.3
ISC 27 04:09:18.4,1.2,37.25N,0.04,43.87E,0.03,h5km±9km, n24,±089/39,Turkey
Code Station Name Δ° AZZ Phase ID Time Res

CUKT Cukurca 0.21 269 PG Pg 04 09 22.8 +0.2
CUKT Cukurca 0.21 269 iP Pg 04 09 22.8 +0.2
CUKT Cukurca 0.21 269 P Pg 04 09 22.8 +0.2
CUKT HAKKARI 0.33 337 S Pg 04 09 26.5 +1.1
CUKT HAKKARI 0.33 337 iS Pg 04 09 28.8 -0.6
CUKT HAKKARI 0.33 337 S Pg 04 09 24.5 -0.5

ISCBJ 27 04:17:26.0,0.4,35.59N,0.02,96.88W,0.02,h3km,3km, Error ellipse: s-maj=3.4km s-min=2.5km az=4.9
NEIC 27 04:17:27.0,0.3,35.60N,96.90W,h4km,ML2.5(TUL), After TUL
ISC 27 04:17:26.8,1.0,35.60N,0.02,96.90W,0.02,h8km±7km, n45,±084/66,Oklahoma

Code Station Name Δ° AZZ Phase ID Time Res
OK020 N3440 Road, Me 0.06 163 eS Pg 04 17 28.1 +0.5
OK021 N3530 Road, Sp 0.15 18 eP Pg 04 17 29.8 -0.1
V35A Meyer Ranch, C 0.17 17 P Pg 04 17 30.1 -0.2

W36A Wetumka 0.71 130 P Pg 04 17 40.1 -0.4
W36A Wetumka 0.71 130 P Pg 04 17 49.8 0.0
W36A Pawnee 0.78 10 P Pg 04 17 39.5 -1.0
U35A Pawnee 0.78 10 P Pg 04 17 41.1 -0.7
U35A Pawnee 0.78 10 eP Pg 04 17 51.8 -0.2
U35A Pawnee 0.80 76 P Pg 04 17 41.1 -0.7
U35A Jenks 0.80 76 P Pg 04 17 41.4 -0.8
V36A Pawnee 0.78 10 eP Pg 04 17 41.1 -0.7
V36A Jenks 0.80 76 eP Pg 04 17 41.3 -0.9
TUL1 Leonard 0.95 71 P P Pg 04 17 43.9 -1.1
TUL1 Leonard 0.95 71 P P Pg 04 17 57.0 -0.4
TUL1 Leonard 0.95 71 eP Pg 04 17 44.5 -0.6
X36A Centrahoma 1.12 156 P Pg 04 17 47.3 -1.0
X36A Leonard 0.95 71 P P Pg 04 18 02.8 0.0
X35A Drake 1.20 183 P Pg 04 17 48.4 -1.3
X35A Drake 1.20 183 P Pg 04 18 04.8 -0.4
X35A Drake 1.20 183 eP Pg 04 17 48.5 -1.3
U36A Oologah 1.23 50 P Pg 04 17 48.8 -1.7
U36A Oologah 1.23 50 P Pg 04 18 05.7 -0.8
W37B Quinton 1.28 110 P S Pg 04 17 50.0 -1.4
W37B Quinton 1.28 110 eP S Pg 04 18 07.7 -0.3
W37B Quinton 1.28 110 eP S Pg 04 17 49.5 -1.9
W37B Quinton 1.35 13 P Pn 04 18 08.7 +0.9
T35A Sooner Cattle 1.35 13 P Pn 04 17 50.9 -1.1
T35A Sooner Cattle 1.35 13 P Pn 04 18 09.4 -0.8
T34A McClaskey Farm 1.44 351 P S Pg 04 17 52.2 -1.0
T34A McClaskey Farm 1.44 351 P S Pg 04 18 11.7 -0.7
V37A Hulbert 1.46 78 P Pb Pn 04 17 53.0 -0.5
V37A Hulbert 1.46 78 P Pb Pn 04 18 12.6 -0.2
V37A Clayton 1.61 128 P Pb Pn 04 17 55.6 +0.2
X37A Clayton 1.61 128 eP Pn 04 17 55.7 +0.2
X37A Clayton 1.61 128 eP Pn 04 18 17.8 +0.6
U37A Salina 1.66 60 P S Sn 04 17 55.8 -0.3
U37A Salina 1.66 60 P S Sn 04 18 18.7 +1.1
T36A Boggs Farm, Ca 1.68 29 P Pb Pn 04 17 56.7 +0.3
T36A Boggs Farm, Ca 1.68 29 P Pb Pn 04 18 19.2 +1.1
WMOK Wichita Mounta 1.77 241 P Pb Pn 04 17 57.7 +0.1
WMOK Wichita Mounta 1.77 241 P Pb Pn 04 18 21.8 +1.4
WMOK Wichita Mounta 1.77 241 eP Pn 04 17 57.7 +0.1
WMOK Wichita Mounta 1.77 241 eP Pn 04 18 22.1 +0.3
U32A Winter Ranch, 1.88 295 S Pb 04 18 25.6 +0.7
W38A Whitesboro 1.93 118 P Pb Pn 04 18 00.9 +0.9
W38A Whitesboro 2.02 104 P Pb Pn 04 18 02.2 +1.1
V38A Canehill 2.02 84 P Pb Pn 04 18 01.9 +0.5
S34A Wilcox Spring 2.11 355 S Pb 04 18 32.3 +0.8
S35A Otter Creek Ra 2.13 12 P Pb Pn 04 18 03.5 +0.8
S35A Otter Creek Ra 2.13 12 P Pb Pn 04 18 32.9 +0.6
U38A Gravette 2.20 67 P Pb Pn 04 18 04.6 +0.9
U38A Gravette 2.20 67 P Pb Pn 04 18 34.6 +0.3
T37A Cheneyville 18 2.21 46 P Pb Pn 04 18 04.7 +1.0
T37A Cheneyville 18 2.21 46 P Pb Pn 04 18 34.9 +0.4
S36A Lake Cedric, C 2.37 26 S Pb 04 18 30.0 +0.9
HHAR Hobbs 2.50 73 eP Pn 04 18 09.3 +1.6
MIAR Mount Ida 2.92 110 eS Pn 04 18 48.3 -0.5
T39A Cleve 3.18 62 S Sn 04 18 55.9 +0.7
ABTX Abilene, Hawle 3.74 218 eSg Sg 04 19 24.8 -2.0

NIED 27 04:19:00,35.80N,141.00E,h8km,Mw4.9 Best double couple: M=2.45000,1016 N1=154.00000,335.00000, λ=127.00000. NP2=17.00000, 863.00000, λ=67.00000.

BUJ 27 04:19:20,7.35,69N,141.39E,h8km,mb4.6/46,mb5.0/46, Ms4.6/55,Ms7.4/351
IDC 27 04:19:24,7.0,5,35,73N,140.93E,h0km,mb4.7/28, mb1 4.8/32,mb1mx4.7/41,mbtmp4.7/32,ML4.7/4,MS4.2/33, Ms1 4.2/33,ms1mx4.1/49,Error ellipse: s-maj=13.7km s-min=11.0km az=97.0

ISCBJ 27 04:19:26,0.4,35.77N,0.02,140.95E,0.02,h19km±2km, mb4.8/180,MS4.3/45,Error ellipse: s-maj=3.2km s-min=3.0km az=175.3

JMA 27 04:19:26,7.0,2,35.78N,140.98E,h14km±1km,MS5.0 Broadband fault plane solution: P waves. NP1: e=301.00000,380.00000,λ=148.00000. NP2: e=30.00000,358.00000,λ=0.00000. Principal axes: T Plg22.00000, Azm251.00000, N Plg58.00000, Azm120.00000; P Plg22.00000, Azm350.00000;

JMA Felt III, J1.
NEIC 27 04:19:27,1.9,35.72N,140.87E,h17km±12km, mb4.9/116 Error ellipse: s-maj=4.5km s-min=3.5km az=133.0

NEIC Felt [II] at Tokyo. Also felt at Oyama and Yokosuka. Recorded [3 JMA] in Chiba, Ibaraki and Tochigi. GCMT 27 04:19:27,8.0,3,35.76N,140.85E,h20km,MS5.0/78, Moment Tensor Solution. e25,631 s78,c122. Duration: 0 Moment tensor: Scala 1019M; Mw3.60; 20; Mw0.19; 12; Mw3.42; 12; Mw0.49; 25; Mw0.12; 07; Mw0.18; 18; Best double couple: M3.54800,1016 NP1=189.00000,647.00000,λ=80.00000. NP2: e=355.00000,844.00000,λ=100.00000. Principal axes: T 3.43000,Plg2.00000,Azm272.00000; N 0.24300,Plg7.00000,Azm3.00000; P -3.66600,Plg83.00000; Azm169.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 27 04:19:31,0.0,9,36.20N,140.77E,h36km,mb5.0/67, MS4.2/20 Error ellipse: s-maj=6.8km s-min=4.6km az=106.5

ISC 27 04:19:27,8.0,5,35.80N,0.03,140.99E,0.03,h20km±2km, n422,±181/452,mb4.9/182,MS4.3/46,20C-19D,Near east coast of eastern Honshu

Code Station Name Δ° AZZ Phase ID Time Res
CHOJ Chosi 0.14 229 Op ISC 04 19 30.1 -2.2
CHOJ Chosi 0.14 229 P Pg 04 19 32.4 -2.8
I30JP ISUMI INFRASON 0.74 229 P Pg 04 19 41.1 -0.9
I30JP ISUMI INFRASON 0.74 229 Lg Lg 04 19 52.1

BS03 Boso 3 1.07 202 P Pn 04 19 45.9 -1.6
BS01 Boso 1 1.14 181 P Pn 04 19 46.3 -1.9
ONAJ Iwakimizuishiy 1.31 353 P Pn 04 19 48.9 -2.2
JAG Ashikaga 1.40 297 P Pn 04 19 49.8 -2.4
JSB Shikoba 1.46 324 P Pn 04 19 51.7 -1.3
JSB Shikoba 1.46 324 P Pn 04 19 54.8 -2.0
JFK Kawauchi 1.57 357 P Pn 04 19 52.4 -2.2
JOD2 Odawara 2 1.64 252 P Pn 04 19 54.9 -0.7
JIM2 Oshima 3 1.67 320 P Pn 04 19 54.2 -1.8
JKT Katsushina 1.71 305 P Pn 04 19 55.4 -1.2
JKT Katsushina 1.71 305 P Pn 04 19 56.3 -1.6
JRY Ryogami san 1.71 278 P Pn 04 19 57.0 -1.0
AJJ Ajiro2 1.73 245 P Pn 04 19 58.1 -1.2
JFY Yanaizu 1.91 328 P Pn 04 20 00.7 -0.1
JYN Shimob 2.02 262 P Pn 04 19 58.8 -1.2
JIZS Izushimoda 2.04 239 P Pn 04 20 03.4 +0.4
JJK Kuni 2.05 293 P Pn 04 20 01.9 -0.7
JHK Hiroka 2.15 313 P S Pn 04 20 28.9 +0.2
JNT Takoto 2.32 273 P Pn 04 20 05.4 +0.4
MJAR Matsuhiro Arr 2.37 289 Pn 04 20 04.6 -1.0

MJAR Matsuhiro Arr 2.37 289 Pn 04 20 05.4 +0.9
MJAR Matsuhiro Arr 2.37 289 Pn 04 20 42.2
MJAR Matsuhiro Arr 2.37 289 Pn 04 20 05.0 -0.7
MAJO Matsuhiro Arr 2.37 289 Pn 04 20 05.2 -0.5
MAJO Matsuhiro Arr 2.37 289 Pn 04 20 04.7 -1.0
MAT Matsuhiro Arr 2.37 289 Pn 04 20 34.8 +0.6
MAT Matsuhiro Arr 2.37 289 Pn 04 20 05.0 -0.7
MJAB Matsu-Tunnel 2.37 289 eP Pn 04 20 05.2 -0.5
MJAB Matsu-Tunnel 2.37 289 eP Pn 04 20 06.3 +0.4
JNG Nsakai 2.42 285 P Pn 04 20 05.3 -1.1
JNS Sasagawa 2.42 327 P Pn 04 20 05.2 -1.1
JNS Sasagawa 2.42 327 P Pn 04 20 37.3 +1.9
JSG Sagara 2.56 245 P S Pn 04 20 09.6 +1.5
JYU Yasuok 2.59 251 P Pn 04 20 09.7 +1.0
JNN Nakama 2.63 301 P Pn 04 20 08.4 +0.3
JNT Mitsuema 2.85 200 eP Pn 04 20 10.3 -1.9
JHJ Hachijo jima 2 2.85 201 Pn 04 20 10.7 -1.5
JHJ Hachijo jima 2 2.85 201 Pn 04 20 46.4 +0.4

JHJ Hachijo jima 2 2.85 201 Pn 04 20 49.8
JHJ Hachijo jima 2 2.85 201 Pn 04 20 15.4 +1.6
JAO Obara 3.09 251 P Pn 04 20 18.2 +0.3
INU Inuyama 3.27 263 eP Pn 04 21 00.7 -0.7
ERM Erimo 6.43 15 eP Pn 04 22 11.8
ERM Erimo 6.43 15 eP Pn 04 21 00.7 -0.7
ERM Erimo 6.43 15 eP Pn 04 21 18.8 -2.4
ASAJ Ashikawa 8.40 8 Pn 04 21 26.8 -1.6
ASAJ Ashikawa 8.40 8 Pn 04 23 01.1 -1.5
ASAJ Ashikawa 8.40 8 Pn 04 21 26.5 -1.9
ASAJ Ashikawa 8.40 8 Pn 04 23 00.1 -2.5
CBJ Chichijima 8.73 173 Pn 04 21 31.3 -1.8
CBJ Chichijima 8.73 173 Pn 04 23 05.9 -5.9
JCJ Chichijima 8.73 173 Pn 04 23 05.0 -5.9
JCJ Chichijima 8.73 173 Pn 04 25 30.1
JCJ Chichijima 8.73 173 Pn 04 21 34.7 +1.1
JNU Nakatsue 8.77 255 Pn 04 21 39.4 +2.3
YUK Yuzh-Kuril'sk 9.04 23 eP S Pn 04 23 14.0 -4.2

YUK Yuzh-Kuril'sk 9.04 23 eP S Pn 04 23 14.0 -4.2
YUK Yuzh-Kuril'sk 9.04 23 eP S Pn 04 21 40.0 +0.3
SHO Shikotan 9.22 270 iS Pn 04 23 14.2 -8.6
SHO Shikotan 9.22 270 iS Pn 04 21 43.0 -4.8
SHO Shikotan 9.22 270 iS Pn 04 21 43.0 -4.8
TEY Ternel 9.81 341 eP MLR Pn 04 21 43.0 -4.8
TEY Ternel 9.81 341 eP MLR Pn 04 21 43.0 -4.8
TEY Ternel 9.81 341 eP MLR Pn 04 21 43.0 -4.8
TEY Ternel 9.81 341 eP MLR Pn 04 21 43.0 -4.8
KSR Korea Array 10.63 283 Pn 04 22 01.5 +2.5
KSR Korea Array 10.63 283 Pn 04 26 05.0
KSR Korea Array 10.63 283 Pn 04 22 01.8 +2.3
KSAR Wonju Array Be 10.66 283 Pn 04 22 01.5 +2.1
KSAR Wonju Array Be 10.66 283 Pn 04 22 01.5 +2.1
KSAR Wonju Array Be 10.66 283 Pn 04 21 58.5 -2.4
KSAR Wonju Array Be 10.66 283 Pn 04 23 57.6 -3.3

USRK Ussuriysk Ar. 10.86 323 Pn 04 22 05.5 +3.4
USRK Ussuriysk Ar. 10.86 323 Pn 04 25 54.4
USRK Ussuriysk Ar. 10.86 323 Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1

YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1

YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 05.2 +0.5
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 22 06.3 -0.7
YSS Yuzh-Sakhalins 11.22 61 eP Pn 04 24 10.8 -1.1

Table with columns for station call letters, frequency, and other technical details. Includes stations like ARU, SOKR, KBL, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like JETM, BEKR, MFID, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like DPC, UPC, UPE, etc.

ISCJB 27.04:19.47:2.0.9, 14:35N:0.03:90:20W:0.03, h9km, 6km, mb4, 4/48, MS3-4/4, Error ellipse: s-maj=7.1km

27d 4h

az=223.0
NEIC Felt (V) at Fraijanes and (III) at Guatemala. Also felt at Amatitlan, Mixco, Petapa, Santa Catarina Pinula and Villa Nueva. Felt at San Salvador, El Salvador.
ISC 27 04:19:47.9:1.6,14.29N,0.05:90.21W,0.05,h6km,10km,
n285,ct13/29/4,mB4.5/48,MS3.3/4,7C-2D,Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

2012 JAN

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for January 2012.

1286

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for event 1286.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like M43A Waltham Townsh, M45A Boilermakers S, M39A Webster, etc.

MEX 27 04:33:24.0-4.17, 14.70N:92:27W, h110km, 6km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitan, CCIG Comitan, TGIG Comitan, etc.

ISCJJB 27 04:37:19.1±0.6, 46:20N:106:143:2E:0.1, h341km, mb2.7/5, Error ellipse: s-maj=11.5km s-min=8.4km az=7.8

JMA 27 04:37:19.4±0.3, 46:10N:143:09E, h360km, M3.3, IDC 27 04:37:19.6±1.5, 46:29N:142:99E, h341km, 26km, mb2.5/5, mb1 2.9/8, mb1mx3.8/46, mbtm3.3/78, Error ellipse: s-maj=42.0km s-min=20.3km az=17.0

ISC 27 04:37:19.0±0.7, 46:09N:108:143:04E:0:09, h341km, n22, +198/25, mb2.8/5, Sakhalin Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JWK2 Keihoku, JSE Soyas, JSS Shosan, ASAJ Asahikawa, ASAJ Asahikawa, JMP Maruseppu, etc.

ISCJJB 27 04:42:20.6±0.5, 20:72S:0:06:66:44W:0:04, h243km, mb3.7/5, Error ellipse: s-maj=8.5km s-min=5.3km az=12.9

GUC 27 04:42:20.0±0.3, 20:91S:66:78W, h280km, ML4.7, SJA 27 04:42:21.5±0.5, 20:88S:66:35W, h258km, 5km, ML3.2, MW3.3

IDC 27 04:42:23.2±0.5, 20:74S:66:29W, h272km, 25km, mb3.5/6, mb1 3.6/7, mb1mx3.3/27, mbtm3.4/17, Error ellipse: s-maj=26.1km s-min=16.9km az=124.0

ISC 27 04:42:20.6±0.7, 20:77S:0:07:66:43W:0:05, h243km, n22, +193/30, mb4.1/5, 7C-1D, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YJA Yavi, HJA Humahuaca, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB11 IPOC Station P, PB02 IPOC Station P, PB07 IPOC Station P, etc.

NNC 27 05:03:58.2±4.5, 53:70N:90:69E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=40.3km s-min=33.9km az=169.0

IDC 27 05:03:57.4±6.5, 53:57N:90:72E, h0km, mb1 3.1/2, mb1mx2.8/54, mbtm3.1/2, ML2.3/2, 6C-2D, Error ellipse: s-maj=44.0km s-min=27.2km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

JMA 27 05:04:49.1±0.2, 43:48N:147:43E, h14km, 4km, M3.8, MOS 27 05:04:49.9±1.0, 43:51N:147:45E, h63km, mb4.1/7, Error ellipse: s-maj=13.9km s-min=10.3km az=120.5

SKHL 27 05:04:50.1±0.3, 43:56N:147:56E, h62km, 3km, mb4.6/4, IDC 27 05:04:59.6±2.4, 44:90N:147:06E, h58km, 38km, mb3.4/8, mb1 3.6/9, mb1mx3.3/44, mbtm3.6/9, ML3.3/1, Error ellipse: s-maj=29.8km s-min=22.1km az=126.0

ISC 27 05:04:49.1±3.2, 43:58N:106:147:57E:0:06, h30km, 22km, n56, +1923/68, mb3.9/11, 6C-3D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SHO Shikotan, SHO Shikotan, SHO Shikotan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUR comp=E,550nm,0.3s, JRA Rausu, JRA Akkeshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ comp=E,2.3nm,0.3s, JNBK comp=E,1.1nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, FINES FINES Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHZP Chorzow, CHZP Chorzow, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, 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, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LANS Liptovska Anna, LANS Liptovska Anna, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NIE Niedzica, NIE Niedzica, NIE Niedzica, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBZ Lake Benmore, FOZ Fox Glacier, THZ Tophouse, etc.

IDC 27 08:12.22.5.0, 54.06N:87.39E, h0km, mb1 2.4/2, mb1mx2.3/5, mbttmp3.4/2, ML2.3/2, Error ellipse: s-maj=124.0km s-min=18.3km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 27 08:13.11.4.2, 9.55.50N:86.09E, h0km, mb1 3.0/3, mb1mx2.8/5, mbttmp3.0/3, ML2.8/3, Error ellipse: s-maj=25.0km s-min=16.4km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

ISK 27 08:14.44.1, 41.45N:36.00E, h3km, ML2.9, DDA 27 08:14.45.1, 41.40N:35.78E, h18km, Md2.7, Suspected Mining explosion.

ISCJBJ 27 08:14.46.4, 0.5, 41.37N:0.03:35.83E:0.04, h0km, Error ellipse: s-maj=5.0km s-min=3.7km az=29.5

CSEM 27 08:14.46.4, 0.3, 41.36N:35.84E, h1km, Md2.7, Error ellipse: s-maj=7.0km s-min=5.0km az=35.0, Suspected Mining explosion.

ISC 27 08:14.46.2, 0.8, 41.37N:0.03:35.85E:0.02, h0km, n34, 0589/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAMS Samsun-Alacam, HAVZ Havza, KAVK Kavak, etc.

IDC 27 08:18.40.9, 1.6, 34.99N:25.92E, h0km, mb3.4/3,

mb1 3.4/4, mb1mx3.1/48, mbttmp3.4/4, ML3.1/1, Error ellipse: s-maj=35.0km s-min=10.8km az=7.0

ATH 27 08:18.43.6, 36.06N:25.10E, h32km, ML3.4/14, Error ellipse: s-maj=1.9km s-min=0.6km az=64.0

CSEM 27 08:18.44.8, 0.1, 36.07N:25.13E, h30km, ML3.5, Error ellipse: s-maj=3.4km s-min=2.7km az=115.0

ISCJBJ 27 08:18.45.0, 0.3, 36.08N:0.02:25.15E:0.03, h33km, gkm, mb3.1/3, Error ellipse: s-maj=3.9km s-min=3.2km az=21.1

THE 27 08:18.44.6, 36.04N:25.08E, h14km, ML3.5/11, Error ellipse: s-maj=1.8km s-min=0.4km az=62.0

ISK 27 08:18.45.0, 36.11N:25.37E, h19km, ML3.4, DDA 27 08:18.47.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:18.44.5, 0.9, 36.05N:0.02:25.11E:0.02, h25km, gkm, n90, c128/143, mb3.2/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR6 Thira Island, THR5 Thira Island, THR4 Thira Island, etc.

CSEM 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SERI comp=E,537um,0.5s, SERI Serifos, ZAKR Zakros, etc.

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

ISC 27 08:19.07.7, 36.34N:25.07E, h53km, ML3.4

27d 8h

HHC	comp=Z,160nm,5.7s	pmx	pmx		
HHC	comp=Z,380nm,15.3s	LR	LR		
HHC	comp=Z,320nm,16.1s	LR	LR		
HHC	comp=Z,280nm,14.4s	LR	LR		
H11S1	WAKE ISLAND Hy 34.09 167	T	T	09 40 28.2	
H11S3	WAKE ISLAND Hy 34.04 167	T	T	09 40 22.5	
H11S2	WAKE ISLAND Hy 34.04 167	T	T	09 40 31.4	
ZAK	Zakamensk 34.27 290	eP	P	09 04 10.7 -1.2	
ZAK	comp=Z,3.0nm,1.1s	eP	P		
JOW	Kumigami 34.28 234	eP	P	09 04 13.1 +1.0	
HYT	Haines Junctio 34.72 50	eP	P	09 04 16.5 +0.8	
HYT	comp=Z,1.0nm,1.4s	eP	P		
INX	Inuvik 34.98 37	eP	P	09 06 50.6 +2.5	
INX	comp=Z,1.5nm,1.4s	eP	P	09 04 18.0 +0.3	
INX	comp=Z,8.0nm,0.6s	eP	P	09 06 49.2 +0.7	
INX	comp=Z,8.2nm,0.6s	eP	P	09 04 24.0 +2.3	
INX	comp=Z,10.0nm,0.5s	eP	P		
WHY	Whitehorse 36.01 50	eP	P	09 04 28.1 +1.4	
WHY	comp=Z,1.2nm,1.1s	eP	P		
SKAG	Skagway 36.15 52	eP	P	09 06 52.6 +0.7	
NACB	Ninganchiao 39.92 240	eP	P	09 04 29.4 +1.6	
NACB	comp=Z,2.0nm,1.0s	eP	P		
YULB	Yu-Ii 40.71 240	eP	P	09 04 59.0 -0.9	
TPUB	Ta-pu 41.14 240	eP	P	09 07 04.8 +0.5	
TPUB	comp=Z,2.5nm,1.3s	eP	P	09 05 06.6 +0.2	
TWG	Pinlang 41.29 240	eP	P	09 05 11.3 +0.1	
LZH	Lanzhou 41.75 270	eP	P	09 05 14.5 -0.6	
LZH	comp=Z,6.7nm,0.6s	eP	P		
LZH	comp=Z,4.7nm,1.4s	eP	P	09 05 31.3 +1.0	
LZH	comp=Z,1.70nm,4.8s	eP	P	09 05 37.5 +0.3	
LZH	comp=Z,1.80nm,12.8s	eP	P		
LZH	comp=Z,4.90nm,16.3s	eP	P		
LZH	comp=Z,4.30nm,17.2s	eP	P		
GTA	Gaotai 42.14 277	eP	P	09 05 17.5 -0.7	
GTA	comp=Z,2.0nm,0.4s	eP	P	09 05 33.0 -0.4	
GTA	comp=Z,1.1nm,0.8s	eP	P	09 05 40.8 +0.5	
GTA	comp=Z,1.0nm,0.8s	eP	P	09 11 32.5 -1.0	
GTA	comp=Z,1.3nm,0.8s	eP	P	09 11 59.3 0.0	
GTA	comp=Z,7.0nm,1.3s	eP	P		
GTA	comp=Z,1.30nm,6.7s	eP	P		
GTA	comp=Z,2.90nm,19.0s	eP	P		
GTA	comp=Z,3.50nm,20.0s	eP	P		
GTA	comp=Z,3.10nm,19.5s	eP	P		
ENH	Enshi 42.25 259	eP	P	09 05 17.6 -1.5	
ZALV	Zalesovo Beam 42.81 303	eP	P	09 05 21.2 -2.0	
ZALV	comp=Z,0.8nm,0.4s	eP	P	09 07 13.6 +0.2	
ZALV	comp=Z,2.0nm,0.4s	eP	P	09 24 40.3	
NVS	Novosibirsk 43.18 305	eP	P	09 05 23.7 -2.5	
YKWS	Yellowknife Ar 44.22 42	eP	P	09 05 35.0 +0.5	
YKA	Yellowknife Ar 44.26 42	eP	P	09 05 34.8 +0.1	
YKA	comp=Z,2.4nm,0.6s	eP	P	09 05 51.7 +1.6	
CD2	Chengdu 45.30 264	eP	P	09 05 42.5 -1.0	
CD2	comp=Z,1.0nm,0.5s	eP	P		
WMQ	Urumqi 46.74 290	eP	P	09 05 53.3 -1.4	
WMQ	comp=Z,1.4nm,1.1s	eP	P	09 06 11.5 +1.4	
WMQ	comp=Z,3.5nm,1.1s	eP	P	09 06 17.3 +0.3	
WMQ	comp=Z,1.60nm,4.1s	eP	P		
WMQ	comp=Z,3.60nm,20.3s	eP	P		
WMQ	comp=Z,3.00nm,22.9s	eP	P		
KBS	Kingsbay 47.74 352	eP	P	09 06 01.0 -0.9	
KBS	comp=Z,1.40nm,1.6s	eP	P		
KBS	comp=Z,1.40nm,1.6s	eP	P	09 06 01.0 -0.9	
KURK	Kurchatov 47.74 302	eP	P	09 06 01.0 -1.3	
KURK	comp=Z,2.0nm,0.4s	eP	P	09 07 30.5	
KURK	comp=Z,1.4nm,1.1s	eP	P	09 06 00.5 -1.9	
KURBB	Kurchatov Arra 47.84 302	eP	P	09 06 01.0 -2.1	
KURBB	comp=Z,2.1nm,0.4s	eP	P	09 07 30.5 -0.4	
SPAO	Spitsbergen Ar 47.98 350	eP	P	09 06 03.2 -0.7	
SPITS	Spitsbergen Ar 47.98 350	eP	P	09 06 02.9 -0.9	
TULEG	Thule 48.02 14	eP	P	09 06 03.6 -0.5	
MK31	Makanchi Array 48.05 296	eP	P	09 07 32.5 +1.4	
MK31	comp=Z,3.3nm,1.1s	eP	P	09 06 02.8 -2.0	
MKAR	Makanchi Array 48.05 296	eP	P	09 06 02.8 -2.0	
MKAR	comp=Z,2.3nm,0.4s	eP	P	09 06 02.5 -2.3	
MKAR	comp=Z,0.6nm,0.5s	eP	P	09 07 32.0 +0.2	
MKAR	comp=Z,2.82nm,18.2s	eP	P	09 27 39.3	
MKAR	comp=Z,3.2nm,0.4s	eP	P	09 06 02.8 -2.0	
MAKZ	Makanchi 48.21 296	eP	P	09 07 32.0 +0.2	
MAKZ	comp=Z,5.0nm,0.5s	eP	P	09 06 04.1 -2.0	
MAKZ	comp=Z,5.0nm,0.5s	eP	P		
LTY	Liberty 49.60 62	eP	P	09 06 17.1 +0.4	
BO8A	Colville Reser 49.66 60	eP	P	09 06 17.7 +0.6	
BO8A	comp=Z,1.3nm,1.0s	eP	P		
B08A	Kunming 50.08 260	eP	P	09 07 38.6 +1.0	
BVAR	Borovoye Array 50.53 309	eP	P	09 06 22.8 +2.0	
BVAR	comp=Z,1.1nm,0.6s	eP	P	09 06 21.3 -2.3	
BVAR	comp=Z,5.7nm,0.4s	eP	P	09 07 40.1 -0.6	
BVAR	comp=Z,3.1nm,0.4s	eP	P	09 29 57.1	
BQV	Qiongzhong 50.55 248	eP	P	09 06 26.4 +2.3	
QIZK	Borovoye 50.56 309	eP	P	09 06 21.2 -2.6	
BRVK	Borovoye 50.56 309	eP	P	09 06 22.6 -1.2	
BRVK	comp=Z,8.0nm,0.6s	eP	P		
NEW	Newport 50.89 59	eP	P	09 06 26.4 0.0	

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NEW	NEW	e	pmx	pmx	09 07 43.0
NEW	Newport 50.89 59	eP	P		
DAG	Danmarks Havn 51.35 359	eP	P	09 06 26.4 0.0	
DAG	comp=Z,5.0nm,0.9s	eP	P		
DAG	comp=Z,1.5nm,0.5s	eP	P	09 07 43.0 +0.8	
DAG	comp=Z,1.5nm,0.5s	eP	P	09 06 28.8 -0.6	
E09A	Wood Farm, 8s 51.42 61	eP	P	09 06 28.8 -0.6	
E09A	comp=Z,1.2nm,0.8s	eP	P		
WALA	Waterton Lakes 52.07 56	eP	P	09 06 30.8 +0.4	
WALA	comp=Z,2.8nm,0.8s	eP	P		
K05A	Jette 52.30 66	eP	P	09 06 35.8 +1.5	
K05A	comp=Z,4.0nm,2.0s	eP	P		
JTMT	Blue Mountains 52.70 58	eP	P	09 07 48.7 +1.0	
JTMT	comp=Z,7.1nm,1.0s	eP	P	09 06 40.8 +0.8	
BMO	Blue Mountains 52.93 62	eP	P	09 07 49.4 +0.4	
BMO	comp=Z,3.0nm,0.8s	eP	P	09 06 42.9 +1.1	
BMO	comp=Z,3.3nm,0.8s	eP	P		
MOD	Modoc Plateau 53.17 67	eP	P	09 06 42.9 +1.1	
MOD	comp=Z,8.6nm,0.8s	eP	P		
LVZ	Lovozero 53.35 337	eP	P	09 06 45.0 +1.4	
LVZ	comp=Z,2.0nm,1.1s	eP	P	09 06 43.4 -1.0	
LVZ	comp=Z,2.20nm,1.1s	eP	P		
KEV	Kevo 53.53 341	eP	P	09 06 43.4 -1.0	
KEV	comp=Z,7.5nm,1.5s	eP	P		
KEV	comp=Z,7.5nm,1.5s	eP	P	09 06 44.4 -1.2	
ARU	Arti 53.70 317	eP	P	09 06 44.5 -2.0	
ARU	comp=Z,6.3nm,0.4s	eP	P	09 06 44.9 -2.1	
ARU	comp=Z,7.7nm,0.4s	eP	P		
WVOR	Wild Horse Val 53.76 65	eP	P	09 06 48.0 +0.1	
WVOR	comp=Z,7.0nm,1.1s	eP	P		
WVOR	comp=Z,7.0nm,1.1s	eP	P	09 06 48.0 +0.1	
ARCES	ARCCESS Array B 54.01 342	eP	P	09 06 47.9 -1.3	
ARCES	comp=Z,4.6nm,0.6s	eP	P	09 07 53.4 -0.1	
ARCES	comp=Z,1.2nm,0.5s	eP	P	09 35 10.8	
ARCES	comp=Z,1.99nm,18.4s	eP	P		
AREO	ARCCESS Array S 54.01 342	eP	P	09 06 48.2 -1.0	
AREO	comp=Z,1.56nm,1.9s	eP	P		
ORV	Oroville 54.02 70	eP	P	09 06 50.7 +1.0	
ORV	comp=Z,6.0nm,0.8s	eP	P		
ORV	comp=Z,5.9nm,0.8s	eP	P	09 06 56.0 +1.5	
MFID	Canas Ranch 54.67 63	eP	P	09 06 56.0 +1.5	
MFID	comp=Z,3.7nm,1.0s	eP	P		
LRM	Limekiln Ridge 54.91 59	eP	P	09 06 57.1 +0.8	
LRM	Summit 54.97 6	eP	P	09 06 56.7 +0.1	
SUMG	Summit 54.97 6	eP	P	09 06 56.7 +0.1	
SUMG	comp=Z,1.3nm,0.5s	eP	P		
SUMG	comp=Z,1.3nm,0.5s	eP	P	09 06 56.6 0.0	
AAK	Ala-Archa 54.98 296	eP	P	09 06 55.3 -1.5	
AAK	comp=Z,2.2nm,0.3s	eP	P	09 32 01.3	
AAK	comp=Z,2.33nm,18.7s	eP	P		
AAK	comp=Z,3.0nm,1.1s	eP	P	09 06 55.5 -1.3	
AAK	comp=Z,3.0nm,1.1s	eP	P		
AAK	comp=Z,3.0nm,1.1s	eP	P	09 06 55.4 -1.3	
PAHR	Pah Range 55.14 68	eP	P	09 06 59.2 +1.3	
PAHR	comp=Z,1.0nm,0.9s	eP	P		
HLID	Hailey 55.35 62	eP	P	09 07 00.2 +0.8	
HLID	comp=Z,4.7nm,1.1s	eP	P		
PNTR	Pine Nut 55.43 69	eP	P	09 07 02.1 +1.9	
PNTR	comp=Z,2.2nm,0.7s	eP	P		
BOZ	Bozeman (W) 55.49 58	eP	P	09 07 01.0 +0.6	
BOZ	comp=Z,4.0nm,0.7s	eP	P	09 08 00.6	
BOZ	comp=Z,4.0nm,0.7s	eP	P	09 07 01.0 +0.6	
BOZ	comp=Z,4.4nm,0.7s	eP	P		
BOZ	comp=Z,1.8nm,0.7s	eP	P	09 08 00.6 +0.8	
YERR	Yerrington 55.71 69	eP	P	09 07 03.0 +0.9	
YERR	comp=Z,1.2nm,0.8s	eP	P		
BMN	Battle Mount 55.88 66	eP	P	09 07 03.7 +0.4	
BMN	comp=Z,1.5nm,0.9s	eP	P		
BMN	comp=Z,1.5nm,0.9s	eP	P	09 07 03.7 +0.4	
WAKR	Walker 55.88 66	eP	P	09 07 04.7 +1.1	
WAKR	comp=Z,1.3nm,0.7s	eP	P		
KSH	Kashi 56.23 292	eP	P	09 07 09.5 +3.7	
KSH	comp=Z,1.3nm,0.7s	eP	P	09 07 24.5 +2.9	
KSH	comp=Z,1.3nm,0.7s	eP	P	09 08 06.0 +3.3	
KSH	comp=Z,2.54nm,19.5s	eP	P	09 12 05.3 +1.9	
KSH	comp=Z,1.1nm,0.8s	eP	P	09 14 53.2 +2.4	
KSH	comp=Z,2.2nm,0.7s	eP	P	09 16 49.5 0.0	
KSH	comp=Z,3.0nm,1.0s	eP	P	09 18 41.8 +4.2	
KSH	comp=Z,1.90nm,5.9s	eP	P		
KSH	comp=Z,8.3nm,4.7s	eP	P		
KSH	comp=Z,9.4nm,5.2s	eP	P		
KSH	comp=Z,2.30nm,5.6s	eP	P		
YHB	Horse Butte 56.28 59	eP	P	09 07 06.3 +0.2	
YHB	comp=Z,5.2nm,0.7s	eP	P		
KVN	Kaiserville 56.32 68	eP	P	09 07 07.6 +1.2	
KVN	comp=Z,1.1nm,0.8s	eP	P		
KVN	comp=Z,1.1nm,0.8s	eP	P	09 07 07.6 +1.2	
NCMT	Grant Village 56.38 57	eP	P	09 07 07.1 +0.4	
NCMT	comp=Z,2.5nm,0.7s	eP	P	09 07 10.0 +1.4	
NVAR	Mina Array Bea 56.62 69	eP	P	09 07 26.7 +2.2	
NVAR	comp=Z,9.7nm,0.8s	eP	P	09 27 33.8	
NVAR	comp=Z,2.76nm,21.7s	eP	P		
NV11	Mina Array Sit 56.70 69	eP	P	09 07 09.1 0.0	
NV11	comp=Z,0.4nm,0.9s	eP	P		
KKAR	Karatay Array 56.84 299	eP	P	09 07 08.0 -1.9	
KKAR	comp=Z,3.0nm,0.5s	eP	P		
KKAR	comp=Z,3.0nm,0.5s	eP	P	09 07 08.0 -1.9	
HITA	Grant Village 56.85 59	eP	P	09 07 12.9 +2.7	
RLMT	Red Lodge 57.04 58	eP	P	09 07 11.9 +0.4	
FXWY	Fox Creek 57.12 60	eP	P	09 07 13.0 +0.9	
FXWY	comp=Z,2.9nm,0.8s	eP	P		
CHTO	Chiang Mai 57.14 258	eP	P	09 07 13.2 +0.9	
CHTO	comp=Z,1.08nm,0.9s	eP	P		
CHTO	comp=Z,1.5nm,0.6s	eP	P		
CHTO	comp=Z,1.5nm,0.6s	eP	P	09 07 13.2 +0.9	
STEI	Steigen 57.25 345	eP	P	09 07 11.6 -0.8	
LOF	Lofoten 57.34 345	eP	P	09 07 12.2 -0.7	
REDW	Red Top Meadow 57.40 60	eP	P	09 07 15.8 +1.7	
REDW	comp=Z,9.9nm,0.9s	eP	P		
CMAR	Chiang Mai Arr 57.41 258	eP	P	09 07 15.0 +0.8	
CMAR	comp=Z,7.5nm,0.6s	eP	P	09 32 49.6	
CMAR	comp=Z,1.09nm,20.0s	eP	P		
KLMR	Klimovskoe 57.48 330	eP	P	09 07 11.6 -2.5	
KLMR	comp=Z,1.0nm,1.0s	eP	P		
KLMR	comp=Z,1.0nm,1.0s	eP	P	09 07 11.7 -2.4	</

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like ANMO Albuquerque, LAZ Ladron, KONO Kongsberg, etc.

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like GOPC GO Pecny, VRAC Vranov, VRAC Vranov, etc.

Table with columns: Station, Frequency, Power, Direction, Time, and other parameters. Includes stations like TTTG Podgorica, TAOE Nuku Hiva, KRUS Kruševica, etc.

UPP 27 08:59:35.9, 64.55N:31.11E, h0km, ML1.6, Suspected Mining explosion.
ISCJB 27 08:59:37.0, 64.79N:02.3073E:0.09, h0km, Error ellipse: s-maj=5.3km s-min=3.3km az=12.4

IDL 27 08:59:38.6, 2.1, 64.68N:31.19E, h0km, mbl 3.2/4, mblmx3.0/42, mbtmp3.2/4, ML2.6/4, Error ellipse: s-maj=28.8km s-min=8.5km az=104.0

HEL 27 08:59:38.8, 0.2, 64.77N:30.76E, h0km, ML2.1, Explosion CSEM 27 08:59:39.1, 0.4, 64.83N:30.69E, h1km, ML2.1, Error ellipse: s-maj=9.8km s-min=4.8km az=99.0, Mining explosion.

KOLA 27 08:59:39.2, 64.72N:30.83E, h0km
NAO 27 08:59:40.1, 1.5, 64.82N:30.56E, ML2.2
BER 27 08:59:41.1, 3.1, 64.84N:30.50E, h0km, ML2.2(NAO).

Suspected explosion.
ISC 27 08:59:39.1, 0.9, 64.79N:02.3073E:0.05, h0km, n69, 173/102, Finland-Karelia border region

Table with columns: Code, Station Name, Frequency, Power, Direction, Time, Res, and other parameters. Includes stations like KU6 Riekki, KU6 Riekki, KU6 Maaselka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like AYDN Tasoluk, THAL Thaler, THAD Thaler, etc.

IDC 27 09:29:02.6:2.7, 53'36N-86'56E, h0km, mb1 2.6/2, mb1mx2.5/2, mbtmt2.6/2, ML2.5/2, Error ellipse: s-maj=22.3km s-min=13.1km az=63.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

NNC 27 09:32:20.9:2.0, 37'15N:71'02E, h0km, mb3.8/5, mb1 4.0/9, mb1mx3.7/5.2, mbtmt3.9/9, ML4.1/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/3.8, Error ellipse: s-maj=51.9km s-min=7.0km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Arry, etc.

IDC 27 09:41:08.9:0.9, 6'58S:130'70E, h0km, mb3.8/5, mb1 4.0/9, mb1mx3.7/5.2, mbtmt3.9/9, ML4.1/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/3.8, Error ellipse: s-maj=51.9km s-min=7.0km az=77.0

ISCJB 27 09:41:13.2:0.9, 9'S:2'x13'0E', h19km, mb4.5/7, mb3.7/5, Error ellipse: s-maj=8.4km s-min=5.1km az=10.1

DJA 27 09:41:13.2:0.9, 9'S:2'x13'0E', h19km, mb4.5/7, mb3.7/5, Error ellipse: s-maj=8.4km s-min=5.1km az=10.1

ISC 27 09:41:12.5:0.7, 9'68S:05:130.61E:0.08, h35km, n17, az=205/25, mb3.7/5, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like SAUI Saumlaki, BNDI Bandanaira, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include STKA Stephens Creek, USRK Ussuriysk Ar., MKAR Makanchi Array, etc.

IDC 27 09:54:30.1:0.4, 2'77N-93'04E, h0km, mb4.5/38, mb1 4.0/9, mb1mx4.5/7.0, mbtmt4.5/4.1, MLS.0/3, MS4.5/32, Ms1 4.5/32, ms1mx4.3/4.1, Error ellipse: s-maj=13.7km s-min=10.4km az=40.0

BUI 27 09:54:30.1:0.4, 2'46N:93'04E, h25km, mb4.9/68, mb5.1/49, Ms0.6/2, Ms7 4.7/56

DJA 27 09:54:31.8:0.5, 3'N:2'x9'3E', h10km, 4km, M5.3/93, mb5.2/93, mb5.7/26, MLV.5/79, Mw(MB)5.2/26

GCMT 27 09:54:31.8:0.2, 2'73N-93'03E, h12km, MW5.2/108, Moment Tensor Solution. s56,c84; s108,c186; Duration: 0. Moment tensor: Scale 1.01e10Nm; M1-0.30:10; M2-1.27:09; M3-1.57:11; M4-1.07:25; M5-5.64:08; M6-3.76:28; Best double couple: M07.086000:0106

NEIC 27 09:54:31.8:0.3, 2'73N-93'02E, h10km, mb5.1/35, Error ellipse: s-maj=7.3km s-min=4.6km az=208.0

MOS 27 09:54:33.4:1.0, 2'80N-93'06E, h33km, mb4.9/55, MS4.5/18, Error ellipse: s-maj=8.8km s-min=5.7km

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Sinabang, Aceh, Meulaboh, Aceh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TRD Trivandrum, PHRA Phrae, CNJI Cbinong, etc.

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

ISC 27 09:54:35.0:0.5, 2'83N:04:93'03E:0.04, h31km, 3km, h31km, pp-P, n345, az=195/376, mb4.8/120, MS4.6/55, 16C-17D, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Muara Teweih, Shilling, Goa, Nagpur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATHINIOS (Pele), SANTORINI, AGIA MARINA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRND, KRNADI, 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, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like DSF Desfina, BRTR Keskin Array B, TORO Torodi Ar, Bea, etc.

IDC 27 12:18:11.6:593.0,46:64N:48:01E, h0km, Error ellipse: s-maj=226.6km s-min=145.0km az=40.0, Ukraine-Moldova-Southern Russia region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASO2, I46RU ZALESOVO INFR42, I34MM SONGINO INFRAS38,66, etc.

IDC 27 12:18:32.9:3.5,11:67N:86:14W, h0km, mb3.1/4, mb1 3.6/4, mb1mx3.4/33, mbtmp3.1/4, Error ellipse: s-maj=138.5km s-min=56.4km az=39.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like TXAR Lajitas Array, PDAR Pinedale Array, NVAR Mina Array Be, YKA Yellowknife Ar, CMAR Chiang Mai Arr, etc.

MEX 27 12:22:17.8:0.5,18:13N:103:10W, h6km,6km,MD3.5, Near coast of Michoacan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like MMIG Aquila, R15V, EZZV, ZIIG, ZIGS, ARIG, ARIG, etc.

ISCJB 27 12:39:44.7:0.0,60:00N:0:02:153:05W, h0km, mb3.5/5, Error ellipse: s-maj=3.7km s-min=2.6km az=13.0, NEIC 27 12:39:44.0:0.0,60:02N:153:08W, h1km, ML3.1(AEIC), After AEIC

NEIC 27 12:39:44.9:0.9,60:05N:152:95W, h0km, mb3.5/5, mb1 3.7/8, mb1mx3.4/69, mbtmp3.6/8, ML2.8/3, MS2.3/1, Ms1 2.3/1, ms1mx2.1/41, Error ellipse: s-maj=23.3km s-min=16.3km az=79.0

ISC 27 12:39:45.1:0.6,60:00N:0:02:153:04W, h0km, n49, s156/63, mb3.4/5, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ILS Ilanama Low So, AUNW Augustine NWes, AUAU Augustine West, etc.

ISC 27 12:52:23.1:0.2,34:31N:50:00E, h2km, ML4.3, Error ellipse: s-maj=4.7km s-min=4.3km az=57.0, TEH 27 12:52:24.2,34:28N:50:03E, h7km, ML4.4, OMAN 27 12:52:28.0:0.3,33:91N:50:17E, h7km, Error ellipse: s-maj=73.5km s-min=13.7km az=241.0, DSNH 27 12:52:38.6:2.5,31:39N:51:00E, h18km, Error ellipse: s-maj=27.4km s-min=18.2km az=151.0

ISC 27 12:52:22.9:1.0,34:28N:0:02:49:96E, h0km, n2, n82, s186/92, mb3.7/5, MS3.0/4, 1C, Western Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ASAO Ashtian, ASAO Ashtian, KHMZ Khomez, KHMZ Khomez, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like PMR Palmer, KNK Knik Glacier, GHO Glory Hole Cre, etc.

IDC 27 12:49:27.3:3.0,23:07S:65:92W, h26km,29km, mb3.4/4, mb1 3.6/6, mb1mx3.2/6, mbtmp4.0/6, Error ellipse: s-maj=28.4km s-min=17.9km az=97.0, SJA 27 12:49:27.3:0.8,22:93S:66:37W, h237km,16km,ML3.0, MW3.7

ISCJB 27 12:49:28.1:0.4,22:91S:0:05:66:54W, h0km, mb3.5/4, Error ellipse: s-maj=8.3km s-min=4.5km az=28.2, GUC 27 12:49:28.0:0.3,22:77S:66:93W, h265km,13km,ML4.4, ISC 27 12:49:27.1:0.8,22:89S:0:06:66:48W, h0km, n25, s165/37, mb3.5/4, 6C-4D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like HJA Humahuaca, HJA Yavi, YJA Yavi, etc.

ISC 27 12:18:11.6:593.0,46:64N:48:01E, h0km, Error ellipse: s-maj=226.6km s-min=145.0km az=40.0, Ukraine-Moldova-Southern Russia region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like YJA Zapla, SLA San Lorenzo, ASTB Santa Barbara, etc.

ISC 27 12:18:32.9:3.5,11:67N:86:14W, h0km, mb3.1/4, mb1 3.6/4, mb1mx3.4/33, mbtmp3.1/4, Error ellipse: s-maj=138.5km s-min=56.4km az=39.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like PB06 IPOC Station P, PB06 Cafayete, PB01 IPOC Station P, etc.

ISC 27 12:52:23.1:0.2,34:31N:50:00E, h2km, ML4.3, Error ellipse: s-maj=4.7km s-min=4.3km az=57.0, TEH 27 12:52:24.2,34:28N:50:03E, h7km, ML4.4, OMAN 27 12:52:28.0:0.3,33:91N:50:17E, h7km, Error ellipse: s-maj=73.5km s-min=13.7km az=241.0, DSNH 27 12:52:38.6:2.5,31:39N:51:00E, h18km, Error ellipse: s-maj=27.4km s-min=18.2km az=151.0

ISC 27 12:52:22.9:1.0,34:28N:0:02:49:96E, h0km, n2, n82, s186/92, mb3.7/5, MS3.0/4, 1C, Western Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ASAO Ashtian, ASAO Ashtian, KHMZ Khomez, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ASAO Ashtian, ASAO Ashtian, KHMZ Khomez, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ASAO Ashtian, ASAO Ashtian, KHMZ Khomez, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like ASAO Ashtian, ASAO Ashtian, KHMZ Khomez, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV comp=Z,23um,0.2s, IGZV Ghazvin, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

ISC 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4, CSEM 27 12:59:17.2:1.0,40:79N:38:67E, h7km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.6km az=7.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like IGZV Ghazvin, IGZV Damavand, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Varamin, Kolahrood, Tehran-Karaj, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MEX 27 14:05:34.6,0.4, 14.72N, 93.30W, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like IDC 27 14:07:26.1,566.0, 47.50N, 49.28E, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MAN 27 14:13:27.8,92N, 125.68E, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NIED 27 14:17:00.32, 30N, 138.00E, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TOKAI 1, TOKAI O.B.S., etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TOKAI 2, TOKAI O.B.S., etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like RAMN Ramite, JIRN Jiri, GUN Gumba, etc.

ISCJB 27 14:18:30.7,0.5,38.31N,0.02,38.73E,0.03,h7km,4km, Error ellipse: s-maj=3.3km s-min=3.3km az=177.4

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MALT Malatya, ELZG Elazig, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like HEKM Malatya_Hekimh, URFA Urfa, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KEMA Kemaliye, TUNCEL Merkez, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DARE Darendemalaty, ILIC ilic-Erzincan, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ELBS KAHRAMANMARAS1, HANI Diyarbakir_Han, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SURC SANLIURFA_SURC, GAZ Gaziantep, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKR3 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PDGK Podgogone, PDGK Podgogone, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, etc.

IDC 27 14:28:25.4,999.0,48.72N,4.32W,h0km, Error ellipse: s-maj=426.3km s-min=187.6km az=92.0, France

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like I26DE FREYUNG INFRAS11.90, I48TN KESRA INFRAS06.15, etc.

ISCJB 27 14:30:01.2,0.6,23.95N,0.03,122.69E,0.02,h32km,5km, Error ellipse: s-maj=5.2km s-min=3.4km az=158.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ENA Nanau, ENA Nanau, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ENTJ Entou, ENTJ Entou, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NNSH Datong, NNSH Datong, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TWP1 Yuli, TWP1 Yuli, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DPDB Guoxing, DPDB Guoxing, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SMLT Sun Moon Lake, JISG Ishigakijimah, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LIOB Emei, LIOB Emei, etc.

PGF		eSn	Sn	14 54 10.6	-1.7	LPG	La Plagne	2.51 293	eP	Pn	14 53 54.8	+2.6	NRCA	Norcia	2.82 126	Pg	Pn	14 53 55.6	-0.6	
PGF	Pioggioia	2.13 201	ePn	14 53 46.6	-0.3	LPG				eSn	Sn	14 54 21.5	-0.3	FVI	Forni Avoltri	2.82 42	Pg	Pn	14 53 55.8	-0.4
PGF		eSn	Sn	14 54 10.6	-1.7	FETA	Feichten	2.53 11	Pn	Pn	14 53 53.2	+0.9	FVI	Forni Avoltri	2.82 42	Pg	Pn	14 53 55.8	-0.4	
TONGO	Tortengo (Faid)	2.13 336	P	14 53 46.6	-0.2	FETA	Feichten	2.53 11	ePn	Pn	14 53 53.2	+0.9	BAD	Bernadia	2.83 52	ePg	Pn	14 53 54.5	-1.8	
TONGO	Tortengo (Faid)	2.13 336	P	14 53 47.0	+0.2	FETA	Feichten	2.53 11	ePn	Pn	14 53 53.2	+0.9	BAD	Bernadia	2.83 52	ePg	Pn	14 53 54.5	-1.8	
MCIV	Monte Civitell	2.13 145	Pg	14 53 46.8	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	COLI	Coloredo	2.85 55	ePg	Pn	14 53 55.0	-1.5	
MCIV	Monte Civitell	2.13 145	Pg	14 53 46.8	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 55.1	+2.7	VINO	Villanova	2.86 52	Pg	Pn	14 53 55.2	-1.5	
FUSIO	Fusio	2.14 334	P	14 53 46.9	-0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	VINO	Villanova	2.86 52	Pg	Pn	14 53 55.2	-1.5	
FUSIO	Fusio	2.14 334	P	14 53 46.6	-0.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	VINO	Villanova	2.86 52	ePg	Pn	14 53 54.9	-1.8	
FUSIO	Fusio	2.14 334	Pg	14 53 46.7	-0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TOLF	Tolfa	2.87 149	Pg	Pn	14 53 57.0	+0.2	
KOSI	Kohlern	2.14 26	P	14 53 45.7	-1.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TOLF	Tolfa	2.87 149	Pg	Pn	14 53 57.0	+0.2	
KOSI	Kohlern	2.14 26	P	14 53 47.1	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	OBER	Oberstdorf	2.87 4	P*	Pn	14 53 58.4	+1.4	
KOSI	Kohlern	2.14 26	P	14 53 47.1	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	OBER	Oberstdorf	2.87 4	Pb	Pn	14 53 58.3	+1.4	
DOETR	Doetra (Olivon)	2.15 338	P	14 53 46.9	-0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ZOU	Zouplan	2.89 45	ePg	Pn	14 53 56.0	-1.2	
DOETR	Doetra (Olivon)	2.15 338	P	14 53 47.4	+0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ZOU	Zouplan	2.89 45	ePg	Pn	14 53 56.0	-1.2	
BOSI	Bolzano	2.15 24	P	14 53 46.5	-0.5	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ZOU	Zouplan	2.89 45	ePg	Pn	14 53 56.0	-1.2	
BOSI	Bolzano	2.15 24	P	14 53 47.1	+0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	eP	Pn	14 54 27.1	-1.8	
BOSI	Bolzano	2.15 24	Pg	14 53 47.1	+0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	ePn	Pn	14 53 55.2	-1.8	
ATTE	AVT- Monte Tez	2.15 128	Pg	14 53 46.7	-0.5	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	ePn	Pn	14 54 27.1	-1.8	
ATTE	AVT- Monte Tez	2.15 128	Pg	14 53 46.7	-0.5	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	ePn	Pn	14 53 55.3	-1.8	
FSSB	Fossombrone	2.16 112	P	14 53 47.3	+0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	ePn	Pn	14 54 27.1	-1.8	
FSSB	Fossombrone	2.16 112	P	14 53 47.3	+0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	TRI	Trieste	2.89 65	ePn	Pn	14 53 55.1	-1.9	
MPAG	Monte Paganucc	2.17 114	P	14 53 47.6	+0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	MOTA	Moosalm	2.90 15	Pn	Pn	14 53 58.9	+1.5	
MPAG	Monte Paganucc	2.17 114	P	14 53 47.6	+0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	MOTA	Moosalm	2.90 15	Pn	Pn	14 53 58.9	+1.5	
SACS	San Casciano d	2.17 140	P	14 53 47.3	-0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	SABO	M.te Sabotino	2.90 59	ePg	Pn	14 53 55.7	-1.6	
FAU	Forcella Aurin	2.18 39	ePg	14 53 46.9	-0.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	SABO	M.te Sabotino	2.90 59	ePg	Pn	14 53 56.2	-1.1	
FAU	Forcella Aurin	2.18 39	ePg	14 53 46.9	-0.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	SABO	M.te Sabotino	2.90 59	ePg	Pn	14 53 55.6	-1.6	
FRON	Frontone	2.20 117	Pg	14 53 48.0	+0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	LNSS	Leonessa	2.92 130	Pg	Pn	14 53 57.4	-0.3	
FRON	Frontone	2.20 117	Pg	14 53 48.0	+0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	LNSS	Leonessa	2.92 130	Pg	Pn	14 53 57.4	-0.3	
FRON	Frontone	2.20 117	Pg	14 53 48.0	+0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	LNSS	Leonessa	2.92 130	Pg	Pn	14 53 57.4	-0.3	
RITOM	Lago Ritom (SB)	2.21 335	P	14 53 47.0	-1.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	PLRO	Paularo	2.97 46	ePg	Pn	14 53 57.8	-0.5	
RITOM	Lago Ritom (SB)	2.21 335	P	14 53 47.8	-0.2	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	PLRO	Paularo	2.97 46	ePg	Pn	14 53 57.8	-0.5	
MURB	Monte Urbino	2.21 124	P	14 53 47.5	-0.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	WILA	Wila	2.98 345	ePn	Pn	14 53 52.6	-5.7	
MURB	Monte Urbino	2.21 124	P	14 53 47.5	-0.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	WILA	Wila	2.98 345	ePn	Pn	14 53 58.8	+0.5	
MURB	Monte Urbino	2.21 124	P	14 53 47.5	-0.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	WILA	Wila	2.98 345	ePn	Pn	14 53 58.8	+0.5	
MGAB	Montegabbione	2.22 136	P	14 53 47.9	-0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
MGAB	Montegabbione	2.22 136	P	14 53 47.9	-0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
MGAB	Montegabbione	2.22 136	P	14 53 47.9	-0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
DAVOX	Davos/Dischmat	2.24 357	P	14 53 49.7	+1.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
DAVOX	Davos/Dischmat	2.24 357	P	14 53 49.7	+1.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
DAVOX	Davos/Dischmat	2.24 357	P	14 53 49.7	+1.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
DAVOX	Davos/Dischmat	2.24 357	P	14 53 47.1	-1.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
DAVOX	Davos/Dischmat	2.24 357	P	14 53 49.8	+1.4	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
CAE	Caneva	2.24 48	ePg	14 53 46.8	-1.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
CAE	Caneva	2.24 48	ePg	14 53 46.8	-1.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
AGOR	Agordo	2.25 39	P	14 53 48.1	-0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
AGOR	Agordo	2.25 39	P	14 53 48.1	-0.3	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
AGOR	Agordo	2.25 39	P	14 53 47.6	-0.8	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LSD	Lago del Serru	2.25 295	Pg	14 53 47.0	-1.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LSD	Lago del Serru	2.25 295	Pg	14 53 47.0	-1.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LSD	Lago del Serru	2.25 295	Pg	14 53 46.9	-1.6	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
MAON	Monte Argentar	2.26 159	P	14 53 48.5	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
MAON	Monte Argentar	2.26 159	P	14 53 48.5	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
MAON	Monte Argentar	2.26 159	P	14 53 48.5	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
SSFR	Montelago di S	2.27 118	Pg	14 53 48.8	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
SSFR	Montelago di S	2.27 118	Pg	14 53 48.8	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
SSFR	Montelago di S	2.27 118	Pg	14 53 48.8	0.0	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
POLC	Polcenigo	2.29 49	Pg	14 53 47.8	-1.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
POLC	Polcenigo	2.29 49	Pg	14 53 47.8	-1.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
POLC	Polcenigo	2.29 49	Pg	14 53 47.8	-1.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
POLC	Polcenigo	2.29 49	Pg	14 53 47.8	-1.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LATE	Laterza	2.32 146	P	14 53 49.5	+0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LATE	Laterza	2.32 146	P	14 53 49.5	+0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
LATE	Laterza	2.32 146	P	14 53 49.5	+0.1	LPL	La Plagne	2.53 294	ePn	Pn	14 53 51.8	-0.6	ORIF	Oris-en-Rattie	2.98 279	ePn	Pn	14 53 59.5	+1.1	
ATCC	AVT- Casa Cast	2.33 125	P	14 53 49.0	-0.5	L														

27d 14h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SULZ, MYKA, ACHB, GIMEL, etc.

2012 JAN

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HINF, BFO, BFO, BFO, etc.

1306

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GEC2, GERES, GERES, GERES, etc.

Table with columns: GRR, SNR, comp, name, class, time, and other identifiers. Includes entries like GRR, BOVS, NIE, OHR, KEK, KRUS, BIA, UZH, etc.

Table with columns: KWP, name, time, and other identifiers. Includes entries like KWP, KVA, KVA, KVA, etc.

Table with columns: PAB, name, time, and other identifiers. Includes entries like PAB, PAB, PAB, PAB, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like NACGM Naroch, KMY Karmoy, BLS5 Blasio, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like AKO Adana, LPSR Galich' y Gora, VORR Voronezh, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like APA Apatity, HAKT HAKKARI, AREO Lovozero, etc.

J38A	Wiedeman Farm, baz=50	68.58	302	P	P	15 04 08.6	-0.7
J38A	Wedel Dairy, R	68.60	310	P	P	15 04 08.7	-0.6
HDIL	Hopedale	68.62	306	P	P	15 04 08.9	-0.5
I37A	Lemond, Waseca	68.64	311	P	P	15 04 09.1	-0.4
K39A	Oelwein	68.68	309	P	P	15 04 09.1	-0.7
L40A	Anamosa	68.73	308	P	P	15 04 09.5	-0.7
M41A	Milan	68.80	307	P	P	15 04 09.7	-0.9
O43A	Sugar Creek Fa	68.81	306	P	P	15 04 10.0	-0.6
IMP	Impfal	68.85	76	eP	eS	15 04 12.5	+1.3
IMP	IMP	68.85	76	eP	eS	15 04 30.0	+1.3
F33A	5 Mile Ranch, baz=47	68.94	314	P	P	15 04 10.6	-0.7
P44A	Sand Creek, Wi	68.94	305	P	P	15 04 10.9	-0.5
H35A	Sunnyside Ranc	68.95	312	P	P	15 04 11.0	-0.4
I36A	Fitzsimmons Fa	68.97	311	P	P	15 04 10.8	-0.8
Q45A	Warren Harvey,	69.04	304	P	P	15 04 11.2	-0.9
DAWY	Dawson	69.08	346	eP	eP	15 04 13.9	+1.9
R46A	Gibson Southern	69.10	303	P	P	15 04 11.4	-1.1
L39A	Vinton	69.13	309	P	P	15 04 11.9	-0.7
T48A	Bowling Green	69.14	302	P	P	15 04 11.9	-0.9
J37A	Redenius Farm,	69.19	311	P	P	15 04 12.2	-0.8
E31A	Nome	69.26	315	P	P	15 04 12.7	-0.7
O42A	Bath	69.31	306	P	P	15 04 13.1	-0.7
M40A	Post Highland	69.33	308	P	P	15 04 13.3	-0.5
P43A	Skaggs, Pawnee	69.35	306	P	P	15 04 13.4	-0.6
N41A	Harden Midland	69.42	307	P	P	15 04 13.5	-0.9
G33A	Ortonville	69.45	314	P	P	15 04 13.8	-0.7
H34A	Spellman Lake,	69.47	313	P	P	15 04 13.8	-0.8
R45A	Skylar, Fairri	69.51	304	P	P	15 04 13.8	-1.2
MDM	Murphy Dome	69.52	350	eP	eP	15 04 16.1	+1.4
ILAR	Eielson Array	69.53	350	eP	eP	15 04 15.8	+1.1
ILAR	comp=Z,15nm,0.6s,baz=13,slow=5.9,SNR=254	69.53	350	eP	eP	15 04 34.3	+2.1
ILAR	comp=Z,8.3nm,0.7s,baz=19,slow=5.7,SNR=8.6	69.53	350	eP	eP	15 36 01.2	
ILB	Eielson Array	69.53	350	eP	eP	15 04 15.3	+0.6
Q44A	Meyer Farm, Va	69.54	305	P	P	15 04 13.8	-1.4
S46A	Don Dixon Farm	69.57	303	P	P	15 04 14.0	-1.4
K37A	Belmond	69.60	310	P	P	15 04 14.3	-1.2
J36A	Seneca 1, Swea	69.61	311	P	P	15 04 14.9	-0.7
L38A	Oak Wood Farm,	69.65	309	P	P	15 04 14.9	-0.9
M39A	Webster	69.65	308	P	P	15 04 14.7	-1.1
T47A	Sharon Grove	69.65	302	P	P	15 04 15.0	-1.0
HHC	Hu-ho-hao-tie	69.70	52	eP	eP	15 04 17.3	+1.0
HHC	HHC	69.70	52	eP	eP	15 04 35.5	+1.7
HHC	HHC	69.70	52	eP	eP	15 04 41.5	+0.5
HHC	HHC	69.70	52	eP	eP	15 13 16.8	-3.2
HHC	HHC	69.70	52	eP	eP	15 17 51.0	+2.6
HHC	comp=Z,20nm,1.5s	69.70	52	eP	eP		
HHC	comp=Z,140nm,7.0s	69.70	52	eP	eP		
HHC	comp=Z,160nm,17.8s	69.70	52	eP	eP		
HHC	comp=Z,180nm,15.1s	69.70	52	eP	eP		
HHC	comp=Z,250nm,19.2s	69.70	52	eP	eP		
N40A	Mertquake, Sal	69.72	308	P	P	15 04 15.0	-1.2
MLY	Manley	69.73	351	eP	eP	15 04 16.2	+0.2
CCB	Clear Creek Bu	69.77	350	eP	eP	15 04 17.1	+1.0
O41A	Passleys Farm,	69.83	307	P	P	15 04 15.7	-1.2
P42A	Winchester	69.87	306	P	P	15 04 16.2	-1.0
HDA	Harding Lake	69.89	350	eP	eP	15 04 18.0	+1.1
Q43A	New Douglas	69.92	305	P	P	15 04 16.7	-0.8
F31A	Hecla	69.92	315	P	P	15 04 16.6	-0.9
SCIA	State Center	69.95	309	P	P	15 04 16.7	-1.0
G32A	Webster	69.96	314	P	P	15 04 16.6	-1.1
H33A	Prehn Over Nor	69.96	313	P	P	15 04 17.1	-0.6
R44A	Waltoville	70.01	304	P	P	15 04 16.9	-1.2
J35A	Milford	70.05	312	P	P	15 04 17.3	-0.9
T46A	Princeton	70.10	303	P	P	15 04 17.6	-1.0
L37A	Phoenix Point,	70.10	310	P	P	15 04 17.5	-1.1
U47A	Clarksville	70.12	302	P	P	15 04 17.8	-1.1
K36A	Gilmore City	70.13	311	P	P	15 04 17.7	-1.1
DOT	Dot Lake	70.21	348	eP	eP	15 04 20.7	+1.8
P41A	Barry, Barry	70.22	306	P	P	15 04 18.3	-1.1
N39A	Derby Farms, D	70.24	308	P	P	15 04 18.3	-1.1
M38A	Pleasantville	70.27	309	P	P	15 04 18.3	-1.3
V48A	Smith Brothers	70.30	301	P	P	15 04 18.7	-1.2
O40A	La Belle	70.39	307	P	P	15 04 19.1	-1.3
X50A	Fort Payne	70.41	299	P	P	15 04 19.9	-0.7
Q42A	Golden Eagle	70.42	306	P	P	15 04 19.6	-1.0
H32A	Carlson Farm,	70.44	314	P	P	15 04 20.3	-0.4
SIUC	Southern Illin	70.44	304	eP	eP	15 04 20.0	-0.8
S44A	Carbondate	70.48	304	P	P	15 04 20.0	-0.9
R43A	Red Bud	70.49	305	P	P	15 04 19.8	-1.3
K35A	Storm Lake	70.50	311	P	P	15 04 20.2	-0.8
ECSD	EROS Data Cent	70.54	313	eP	eP	15 04 20.8	-0.5
ECSD	EROS Data Cent	70.54	313	eP	eP	15 04 19.4	-1.9
L36A	Harm Buss Farm	70.61	310	P	P	15 04 20.7	-1.1
WVT	Waverly	70.66	302	P	P	15 04 20.7	-1.3
WVT	Waverly	70.66	302	eP	eP	15 04 20.8	-1.3
WVT	Waverly	70.66	302	eP	eP	15 04 20.8	-1.3
BPWA	Bear Paw Mtn.	70.67	351	eP	eP	15 04 23.0	+1.3
V47A	Nunnelly	70.67	301	P	P	15 04 20.7	-1.5
LBTB	Lobatsche	70.67	165	eP	eP	15 04 21.7	-0.5
LBTB	Lobatsche	70.67	165	eP	eP	15 04 20.7	-1.5
LBTB	Lobatsche	70.67	165	eP	eP		

LBTB	Lobatsche	70.67	165	eP	P	15 04 20.7	-1.5
N38A	Joess South For	70.71	308	P	P	15 04 20.9	-1.4
U46A	Springville	70.72	302	P	P	15 04 21.2	-1.3
M37A	Trindie Farm,	70.75	309	P	P	15 04 21.3	-1.3
W48A	Pulaski	70.76	300	P	P	15 04 21.5	-1.3
MCK	McKinley	70.79	350	eP	eP	15 04 23.6	+1.1
MCK	McKinley	70.79	350	eP	eP	15 04 23.6	+1.1
X49A	Woodville	70.80	300	P	P	15 04 21.9	-1.1
Q41A	Truxton	70.80	306	P	P	15 04 21.8	-1.1
MENT	Mentasta	70.83	348	eP	P	15 04 23.1	+0.3
Y50A	Piedmont	70.84	299	P	P	15 04 22.0	-1.2
SDDR	Presa de Saban	70.84	278	eP	P	15 04 24.8	+1.3
SDDR	Presa de Saban	70.84	278	eP	P	15 04 24.8	+1.3
P40A	Paris	70.89	307	P	P	15 04 22.2	-1.2
FVM	French Village	70.98	305	eP	eP	15 04 22.6	-1.4
FVM	French Village	70.98	305	eP	eP	15 04 22.6	-1.4
FVM	French Village	70.98	305	eP	eP	15 04 22.6	-1.4
K34A	Le Mars	70.99	311	P	P	15 04 23.0	-1.0
J33A	Davis	71.01	312	P	P	15 04 23.6	-0.6
S43A	Fulton Ridge,	71.05	304	P	P	15 04 23.3	-1.1
V46A	Holladay	71.05	302	P	P	15 04 22.9	-1.5
PAX	Paxson	71.06	348	eP	eP	15 04 22.1	-2.1
PAX	Paxson	71.06	348	eP	eP	15 04 22.1	-2.1
RND	Reindeer	71.09	350	eP	eP	15 04 24.6	+0.2
RND	Reindeer	71.09	350	eP	eP	15 04 24.6	+0.2
PALK	Pallekele	71.17	98	eP	P	15 04 24.9	-0.6
PALK	Pallekele	71.17	98	eP	P	15 04 25.4	-0.1
PALK	Pallekele	71.17	98	eP	P	15 04 24.1	-1.5
PALK	Pallekele	71.17	98	eP	P	15 04 25.2	-0.4
KTH	Kantishna Hill	71.19	351	eP	P	15 04 25.4	+0.5
TRF	Thorofare Moun	71.22	351	eP	P	15 04 26.2	+1.0
Q40A	Laux Farm, Aux	71.26	306	P	P	15 04 24.7	-1.0
N37A	Lee Faris, Mou	71.27	309	P	P	15 04 24.7	-1.0
Y49A	Blount Mountai	71.28	299	P	P	15 04 25.0	-0.9
X48A	Hartselle	71.28	300	P	P	15 04 24.7	-1.2
O38A	Galt	71.30	308	P	P	15 04 24.8	-1.1
P39B	Salisbury	71.32	307	P	P	15 04 25.0	-1.0
WHY	Whitehorse	71.32	343	eP	P	15 04 27.4	+1.5
R41A	Rosebud	71.33	305	P	P	15 04 24.8	-1.3
MA2	Mapagan	71.34	200	eP	P	15 04 27.7	+1.9
S42A	Caledonia	71.34	305	P	P	15 04 24.8	-1.4
Z50A	Ashland	71.37	298	P	P	15 04 25.4	-1.1
OPO	Ambohidratompo	71.38	143	P	P	15 04 26.6	-0.1
CCM	Cathedral Cave	71.41	305	eP	eP	15 04 25.5	-1.1
CCM	Cathedral Cave	71.41	305	eP	eP	15 04 24.5	-2.1
CCM	Cathedral Cave	71.41	305	eP	eP	15 04 24.5	-2.1
U44B	Burton Farm, H	71.44	303	P	P	15 04 25.5	-1.2
J32A	Parkston	71.44	313	P	P	15 04 25.7	-1.0
CAST	Castle Rocks	71.45	352	eP	P	15 04 26.3	-0.1
CD2	Chengdu	71.50	65	eP	eP	15 04 26.5	-0.8
CD2	Chengdu	71.50	65	eP	eP	15 04 26.5	-0.8
CD2	Chengdu	71.50	65	eP	eP	15 04 26.5	-0.8
CD2	Chengdu	71.50	65	eP	eP	15 04 26.5	-0.8
HARP	HAARP	71.55	348	eP	P	15 04 28.5	+1.4
V45A	Humboldt	71.60	302	P	P	15 04 26.5	-1.2
L34A	Svendsen Farm,	71.63	311	P	P	15 04 26.7	-1.2
O37A	Wolfen Farm, M	71.64	308	P	P	15 04 26.8	-1.1
N36A	Muff Farm, Cla	71.65	309	P	P	15 04 27.1	-1.0
P38A	Davis	71.67	308	P	P	15 04 27.0	-1.1
HYT	Haines Junctio	71.71	344	eP	P	15 04 30.6	+2.4
Y48A	Jasper	71.72	300	P	P	15 04 27.6	-0.9
X47A	Russellville	71.74	301	P	P	15 04 27.4	-1.2
Q39A	Willow Grove F	71.74	307	P	P	15 04 27.7	-0.9
PBMO	Poplar Bluff	71.79	304	eP	P	15 04 28.0	-0.9
Z49A	Columbiana	71.79	299	P	P	15 04 27.9	-1.1
R40A	Maddies Statio	71.85	306	P	P	15 04 28.1	-1.1
PPLA	Purkeypille	71.97	352	eP	P	15 04 30.6	+0.9
L33A	Hoskins	71.97	312	P	P	15 04 28.9	-1.1
K32A	Verdigre	72.00	312	P	P	15 04 29.2	-0.9
T42A	Van Buren	72.01	304	P	P	15 04 29.1	-1.1
GAMB	Gambell	72.02	1	eP	P	15 04 31.3	+1.5
S41A	Jillco Farms,	72.02	305	P	P	15 04 29.4	-0.9
U43A	Rescoe	72.05	303	P	P	15 04 29.6	-0.9
O36A	Bolckow	72.12	309	P	P	15 04 29.8	-1.0
W45A	Hickory Valley	72.13	302	P	P	15 04 29.9	-1.0
Y47A	UCPARC, Winfie	72.14	300	P	P	15 04 29.8	-1.3
P37A	Lathrop	72.15	308	P	P	15 04 30.0	-1.1
X46A	Booneville	72.16	301	P	P	15 04 29.9	-1.2
Q38A	Cooks Store,						

27d 14h

2012 JAN

1312

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like 145A Houston Renfro, V39A Pettigrew, U38A Graveland, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like PHWY Pilot Hill, H17A Grant Village, H17A Graveland, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like SKNT Sakolnakorn, NLU North Lily Min, ZARZ Zaragoza, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOTA, TUC, TUQ, PDMCI, MAT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, HNSHU, JNG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, HNR, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2, H08S1, H08S3, MAW, etc.

SOME 27 15:05:46.9, 1.41 90N, 83.05E, h5km NNC 27 15:05:50.5, 1.42 11N, 82.02E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=13.2km s-min=6.7km az=146.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTM5, KTM6, PDGK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZSN, ZSN, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, HNR, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA, MTN, SIJI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STR, BGR, LDG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STR, BGR, LDG, etc.

ISCJB 27 14:55:46.1, 0.6, 28.0S, 0.2, 74.4E, 0.1, h10km, mb4.2/11, MS3.8/1, Error ellipse: s-maj=26.2km s-min=13.8km

ISC 27 15:22:56.5, 0.3, 6.99S, 0.0, 143.90E, 0.05, h30km, mb4.4/15, MS4.0/13, Error ellipse: s-maj=7.3km s-min=5.8km az=170.2

27d 15h

2012 JAN

1314

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like SARO Sassorosso, MSSA Maissana, VLCC Villacollemand, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like CARE Lago del Cares, BRMO Bormio, SBF Sospel, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like RETA Reutte, WATA Walderalm, BALST Balsthal, etc.

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res	ISC
KSH	comp=Z,230nm,7.4s			LR	LR			
KSH	comp=Z,72nm,8.7s			LR	LR			
SML	Sawmill	52.87	34	eP	P	18 39 01.1	+1.3	
SML	comp=Z,24nm,0.6s							
SML	Sawmill	52.87	34	eP	P	18 39 01.1	+1.3	
MDM	Murphy Dome	53.00	30	eP	P	18 39 01.0	+0.2	
AAK	Ala-Archa	53.20	302	eP	P	18 39 03.5	+0.8	
AAK	comp=Z,25nm,2.0s							
AAK	Ala-Archa	53.20	302	eP	P	18 39 03.5	+0.8	
ILAR	Eielson Array	53.57	30	eP	P	18 39 04.9	0.0	
ILB	Eielson Array	53.57	30	eP	P	18 39 03.9	-0.9	
FID	Port Fidalgo	53.78	35	eP	P	18 39 07.5	+1.0	
BRVK	Borovoye	54.24	315	eP	P	18 39 11.2	+1.3	
BRVK	comp=Z,4.0nm,1.2s							
BRVK	Borovoye	54.24	315	eP	P	18 39 09.7	-0.2	
BMRM	Bremner River	54.69	35	eP	P	18 39 13.2	0.0	
DOT	Dot Lake	54.81	32	eP	P	18 39 15.0	+1.0	
KKAR	Karatay Array	55.94	303	eP	P	18 39 22.9	+0.4	
KKAR	Karatay Array	55.94	303	eP	P	18 39 22.9	+0.4	
AS31	Alice Springs	55.94	189	eP	P	18 39 22.4	-0.1	
ASAR	Alice Springs	55.95	189	eP	P	18 39 21.9	-0.6	
ASAR	comp=Z,1.6nm,0.6s,baz=6.6,slow=7.6,SNR=28							
ASAR	Alice Springs	55.95	189	eP	P	18 39 22.3	-0.2	
DAWY	Dawson	56.85	31	eP	P	18 39 30.1	+1.5	
MWBA	Marble Bar	56.99	205	eP	P	18 39 29.7	-0.3	
HYT	Haines Junction	58.15	35	eP	P	18 39 39.9	+1.9	
INK	Inuvik	58.69	26	eP	P	18 39 41.9	+0.6	
WHY	Whitehorse	59.45	35	eP	P	18 39 49.4	+2.5	
KBL	Kabul	59.55	294	eP	P	18 39 48.1	0.0	
KBL	comp=Z,8.0nm,1.2s							
KBL	Kabul	59.55	294	eP	P	18 39 48.1	0.0	
ARU	Arti	60.29	321	dP	P	18 39 51.8	-0.8	
ARU	comp=Z,4.4nm,0.6s							
ARU	Arti	60.29	321	dP	P	18 39 51.8	-0.8	
ARU	comp=Z,7.8nm,1.2s							
ARU	Arti	60.29	321	dP	P	18 39 51.8	-0.8	
ARU	comp=Z,7.0nm,1.2s							
ARU	Arti	60.29	321	dP	P	18 39 53.4	+0.8	
ABKAR	Abkular array	61.40	312	eP	P	18 40 00.9	+0.7	
STKA	Stevens Creek	63.62	180	eP	P	18 40 15.4	+0.3	
STKA	comp=Z,0.3nm,0.8s,baz=29.5,slow=12,SNR=2.5							
STKA	Stevens Creek	63.62	180	eP	P	18 40 15.5	+0.3	
STKA	comp=Z,3.0nm,1.4s							
STKA	Stevens Creek	63.62	180	eP	P	18 40 15.5	+0.3	
FORT	Forrest	63.86	193	eP	P	18 40 17.1	+0.4	
BBOO	Buckleboo	64.77	185	eP	P	18 40 23.7	+1.1	
GEYT	Alibek	66.53	301	eP	P	18 40 35.5	+1.2	
YKA	Yellowknife Ar	67.96	29	eP	P	18 40 43.2	+0.3	
YKBS	Yellowknife Ar	67.96	29	eP	P	18 40 43.2	+0.3	
NWAO	Narrogin (SRO)	68.68	202	eP	P	18 40 47.6	0.0	
NWAO	comp=Z,7.0nm,1.8s							
NWAO	Narrogin (SRO)	68.68	202	eP	P	18 40 47.6	0.0	
H04A	Detroit Lake	72.16	48	eP	P	18 41 08.2	-0.7	
FAIA	FINESS Array S	73.32	333	eP	P	18 41 15.7	+0.2	
FAIO	FINESS Array S	73.32	333	eP	P	18 41 16.1	+0.6	
FINES	FINESS Array B	73.32	333	eP	P	18 41 16.1	+0.6	
UOSS	Mirnazif	73.64	289	eP	P	18 41 17.3	-0.7	
KBZ	Khabaz	74.36	312	eP	P	18 41 23.1	+1.3	
KIV	Kislovodsk	74.38	312	eP	P	18 41 21.0	-1.2	
KIV	comp=Z,8.0nm,1.1s							
KIV	Kislovodsk	74.38	312	eP	P	18 41 22.4	+0.2	
WALA	Waterton Lakes	74.94	41	eP	P	18 41 29.0	+3.7	
WVOR	Wild Horse Val	75.50	49	eP	P	18 41 28.4	-0.3	
WVOR	comp=Z,7.0nm,0.6s							
WVOR	Wild Horse Val	75.50	49	eP	P	18 41 28.4	-0.3	
CBNSC	Byron Hills	75.80	54	eP	P	18 41 29.2	-1.1	
LRM	Lymeklin Ridge	77.52	44	eP	P	18 41 41.1	+0.9	
NV01	Mina Array Sit	77.76	52	eP	P	18 41 42.4	+0.7	
NVAR	Mina Array Bea	77.76	52	eP	P	18 41 42.4	+0.7	
AKASG	Malin Array Be	78.39	323	eP	P	18 41 44.6	+0.1	
AKASG	comp=Z,0.4nm,0.4s,baz=49,slow=5.2,SNR=6.8							
AKASG	Malin Array Be	78.39	323	eP	P	18 41 44.9	+0.3	
AKB	Malin Array Si	78.39	323	eP	P	18 41 44.9	+0.3	
AKB	comp=Z,3.3nm,1.6s							
NB2	NORSAR Subarra	78.85	338	eP	P	18 41 47.2	+0.2	
NB200	NORSAR Array S	78.85	338	eP	P	18 41 47.5	+0.5	
NOA	NORSAR Array B	78.85	338	eP	P	18 41 47.5	+0.5	
SBC	Santa Barbara	78.85	323	eP	P	18 41 45.6	-1.9	
PDAR	Pinedale Array	80.95	45	eP	P	18 42 01.0	+1.9	
DSCC	Desert Studies	81.00	54	eP	P	18 41 59.5	+0.4	
DPP	Doz Picos City	81.57	56	eP	P	18 42 04.2	+2.0	
EMI	El Monte City P	81.70	31	eP	P	18 42 04.1	+1.5	
BRL01	Keeskin Array S	82.35	312	eP	P	18 42 07.5	+1.2	
BRTR	Keeskin Array B	82.35	312	eP	P	18 42 07.5	+1.2	
SRU	San Rafael Swe	82.47	48	eP	P	18 42 07.0	0.0	
SRU	comp=Z,3.0nm,0.8s							
SRU	San Rafael Swe	82.47	48	eP	P	18 42 07.0	0.0	
W13A	Hualapai Mount	82.54	53	eP	P	18 42 06.0	-1.5	
RAYN	Ar Rayn	82.81	293	eP	P	18 42 09.2	+0.3	
GLA	Glamis	83.03	55	eP	P	18 42 10.5	+0.6	
GLA	comp=Z,12nm,0.8s							
GLA	Glamis	83.03	55	eP	P	18 42 10.4	+0.6	
STHS	Stebnicka Huta	83.16	325	eP	P	18 42 08.3	-1.9	
STHS	comp=Z,4.7nm,3.4s							
STHS	Stebnicka Huta	83.16	325	eP	P	18 42 08.3	-1.9	
VYHS	Vyhne	84.95	326	eP	P	18 42 20.1	+0.8	
VYHS	comp=Z,3.4nm,0.8s							
VYHS	Vyhne	84.95	326	eP	P	18 42 20.1	+0.8	
COLL	Collm	85.70	331	eP	P	18 42 23.0	+1.0	
COLL	comp=Z,2.5nm,1.8s							
COLL	Collm	85.70	331	eP	P	18 42 23.0	+1.0	
GERES	GERESS Array B	87.02	329	eP	P	18 42 30.7	+0.9	
TX31	Lajitas Ar. Si	92.91	53	eP	P	18 42 58.8	+1.2	
TXAR	Lajitas Array	92.91	53	eP	P	18 42 58.3	+0.7	

comp=Z,1.3nm,0.8s,baz=292,slow=2.7,SNR=13

DDA 27 18:34:39.5,37.47N-27.09E,h7km,MI2.8
 IS/CJB 27 18:34:40.4,0.6,37.47N-0.03,27.14E,0.07,h6km,7km,
 Error ellipse: s-maj=9.2km s-min=4.1km az=160.0
 CSEM 27 18:34:40.8,0.2,37.47N-27.18E,h10km,ML2.8,Error
 ellipse: s-maj=5.6km s-min=2.9km az=69.0
 ISK 27 18:34:40.0,37.49N-27.21E,h8km,ML2.8
 ISC 27 18:34:39.8,1.0,37.45N-0.03,27.18E,0.04,h14km,7km,
 n17,-0578/32,Turkey

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res	ISC
GCAM	G?zelcamI?	0.25	10	PG	Pg	18 34 45.2	0.0	
GCAM	comp=Z,1.3nm,0.8s,baz=292,slow=2.7,SNR=13							
GCAM	G?zelcamI?	0.25	10	PG	Pg	18 34 45.2	0.0	
GCAM	G?zelcamI?	0.25	10	PG	Pg	18 34 45.2	0.0	
GCAM	G?zelcamI?	0.25	10	PG	Pg	18 34 45.2	0.0	
GCAM	G?zelcamI?	0.25	10	PG	Pg	18 34 45.2	0.0	
BODT	Bodrum	0.40	165	PG	Pg	18 34 48.8	+0.1	
BODT	Bodrum	0.40	165	PG	Pg	18 34 48.8	+0.1	
BODT	Bodrum	0.40	165	PG	Pg	18 34 48.8	+0.1	
BDRM	Kayabasi	0.44	151	iP	P	18 34 49.4	+0.1	
BDRM	Kayabasi	0.44	151	iP	P	18 34 49.4	+0.1	
BDRM	Kayabasi	0.44	151	iP	P	18 34 49.4	+0.1	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
AYDN	Tasuluk	0.59	69	iP	P	18 34 57.0	+1.2	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
DGB	zmir	0.65	339	iP	Pg	18 34 51.5	-0.9	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
ZEV	zmir	0.92	326	iP	Pg	18 35 10.3	-0.3	
URLA	Izmir	1.02	333	iP	Pg	18 35 14.2	+0.3	
URLA	Izmir	1.02	333	iP	Pg	18 35 14.2	+0.3	
URLA	Izmir	1.02	333	iP	Pg	18 35 14.2	+0.3	
URLA	Izmir	1.02	333	iP	Pg	18 35 14.2	+0.3	
URLA	Izmir	1.02	333	iP	Pg	18 35 14.2</		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TRIZ, SKIA, SERG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BUR08, BOJS, VISS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MOS, TAM, TAM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MK32 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRSR comp=Z,4.5nm,0.6s,baz=309,slow=4.5,SNR=22, FFC Flin Flon, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like THR9 Santorini-Faro, THR6 Thira Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like SIVA Sivas, SIVA Sivas, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like ASAR 4.5e Springs, MKAR Makanchi Array, etc.

Table with columns: PPT, Name, Az, El, AzEl, Res, and other parameters. Includes entries like Papeete, Yellowknife Ar, YKAB, etc.

Table with columns: Code, Station Name, Az, El, AzEl, Res, and other parameters. Includes entries like Ierani, Sivas, Sivas, etc.

Table with columns: Code, Station Name, Az, El, AzEl, Res, and other parameters. Includes entries like ZALV, ZAA1, TXAR, etc.

ADC 27 19:59:25.1, 5.35, 39N, 25.91E, h0km, mb3.5/3, mb1 3.4/4, mb1mx3.1/40, mb1tmp3.4/4, ML3.7/1, Error ellipse: s-maj=42.7km s-min=10.5km az=164.0

ADC 27 19:59:26.6, 36.03N, 24.99E, h29km, 1km, ML3.4/15, Error ellipse: s-maj=1.3km s-min=0.6km az=58.0

ATH 27 20:40:00.9, 36.06N, 25.04E, h32km, 1km, ML3.1/12, Error ellipse: s-maj=1.7km s-min=0.6km az=63.0

Main table section 1: Code, Station Name, Az, El, AzEl, Res, Time, Res, ISC, h, m, s, ISC. Includes entries like THR6, THR6, THR5, etc.

Main table section 2: Code, Station Name, Az, El, AzEl, Res, Time, Res, ISC, h, m, s, ISC. Includes entries like Ierani, Sivas, Sivas, etc.

Main table section 3: Code, Station Name, Az, El, AzEl, Res, Time, Res, ISC, h, m, s, ISC. Includes entries like ZALV, ZAA1, TXAR, etc.

27D 21h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KYTH Kithira, KARP Karpathos, VLI Velia, etc.

IDC 27 21:13:18.2,2.3,36:27N:24:88E, h0km, mb3.2/2, mb1 3.2/3, mb1mx3.0/38, mbmp3.2/3, ML2.9/1, Error ellipse: s-maj=27.0km s-min=25.3km az=144.0

Main table for 27D 21h with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Lists numerous stations including Thira Island, Athinios, Santorini, etc.

2012 JAN

Main table for 2012 JAN with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Lists stations like APE Apeiranthos, IMMV Iera Moni Meta, ZKR Zakros, etc.

1326

Main table for 1326 with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Lists stations like TWD Chiawan, HWA Hwalien, ENLB Shoufeng, etc.

n646, r1938/682, mb5.1/253, MS4.8/71, 31C-36D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and various data points for stations like JOD2, JYB, Ajiro2, etc.

Table with columns: CN2, Time, Res, and various data points for stations like comp=E,10.0nm,1.5s, CN2, etc.

Table with columns: XAN, Time, Res, and various data points for stations like XAN comp=Z,45nm,1.7s, XAN, etc.

27d 22h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LMBI Labuha, MRSI Marisa, CMMT Chiang Mai, etc.

2012 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, KDAK Kodiak Island, PPLA Purkeypile, etc.

1332

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WHY Whitehorse, AKTO Aktyubinsk, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like WUAZ Wupatki, PV01 Paradox Valley, B34A Aery, Baudette, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like U39A Green Forest, KEST Kesra, TKL Tuckleschee C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like SIVA comp=E,12466um,0.6s, SIVA Sivas, SIVA Sivas, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like SHZ3, JZS, JIM2, etc.

TAP 27 23:04:25.6, 22:94N, 120:91E, h9km, 1km, ML1.3, C.

Main table for station data with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists various stations and their parameters.

NIED 27 23:04:00.35:50N, 139:00E, h20km, Mw4.2 Best double couple: M2 19000, 1015 NP1 a20, 3000000, 829, 000000, 199, 000000. NP2 a39, 300000, 861, 000000, 185, 000000. Error ellipse: s-maj=14.1km s-min=7.9km az=112.9

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like JOD2, JYJ, JYU, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like CBJJ, CJJ, KSRS, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like COLA, COLB, COLC, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like SUMG, SUMH, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like TIR, TIR, TIR, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like KPRO, KPRO, KPRO, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like BNDI, BNDI, BNDI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIO, MIYJ, JMK, JOM, JANG, etc.

SKO 28 00:13:36.8, 4.1' 00N, 20' 14E, h5km
BEO 28 00:13:36.8, 0.8, 4.1' 00N, 20' 20E, h0km, M2.2/7
ATH 28 00:13:36.5, 4.1' 20N, 20' 20E, h0km, 3km, ML2.1/5, Error ellipse: s-maj=3.4km s-min=1.6km az=163.0

ISC 28 00:13:37.5, 1.0, 4.1' 13N, 02' 22E, h0km, 9km, n82, r1338/136, 18C-11D, Albania

Main table of station data for the left column, including stations like TIR, OHR, KRUS, BIA, FNA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TREB, SLES, UPM, AGG, VTS, etc.

ISC 28 00:17:05.4, 0.4, 13' 38N, 124' 58E, h0km, mb5.0/39, mb1.5, 0.4/2, mb1mx5.0/4, mbtmp5.0/42, ML4.6/3, MS4.7/15, mb1.48/15, ms1mx3.2/52, Error ellipse: s-maj=14.3km s-min=10.3km az=78.0

MOS 28 00:17:09.8, 0.9, 13' 42N, 124' 62E, h40km, mb5.5/74, MS4.7/6, Error ellipse: s-maj=7.7km s-min=4.4km az=113.1

ISC 28 00:17:09, 13' 55N, 124' 74E, h22km, mb5.9, ML5.0, MS5.5, MANJ 28 00:17:10.6, 0.1, 13' 50N, 0' 10.1, 124' 61E, 0.02, h42km, mb5.3/229, MS4.9/29, Error ellipse: s-maj=2.8km s-min=2.0km az=175.2

BUI 28 00:17:10.9, 13' 49N, 124' 63E, h48km, mb5.5/77, mb5.4/56, MS5.2/69, MS7.5/63

NEIC 28 00:17:11.1, 0.1, 13' 39N, 124' 59E, h35km, mb5.5/107, MW5.3, Error ellipse: s-maj=4.0km s-min=2.9km az=79.0, 1017Nm; Mn:0.90; Mw:0.10; Ms:1.00; Mv:0.13; Mw:0.09; Mw:0.80; Best double couple: M1:3.0000x1017 NP1: 0.195.00000, 0.826.00000, 1.108.00000. NP2: 0.355.00000, 0.865.00000, 1.810.00000. Principal axes: T 1.2100, Plg68.0000, Azm248.0000; N 0.8900, Plg8.0000, Azm359.0000; P -1.2900, Plg20.0000, Azm92.0000.

NEIC Felt (III PIVS) at Baras, Viga and Virac. Also felt at Cailobon, Felt (II PIVS) at Sorsogon and (I PIVS) at Irosin and Legaspi City, Luzon. Also felt at Libao.

GCMT 28 00:17:11.1, 0.2, 13' 55N, 124' 73E, h25km, MW5.5/97, Moment Tensor Solution, s87; c140; s97c149; Duration: 1s3 Moment tensor: Scale 1017Nm; Mn:0.96±.03; Mw:0.01±.02; Ms:0.95±.02; Mv:0.48±.06; Mw:0.42±.02; Mw:2.04±.05; Best double couple: M2:3.4100x1017 NP1:0.346.00000, 0.877.00000, 1.940.00000. NP2:0.150.00000, 0.814.00000, 1.74.00000. Principal axes: T 2.2740, Plg58.0000, Azm261.0000; N 0.1340, Plg4.0000, Azm165.0000; P -2.4080, Plg32.0000, Azm73.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

KLM 28 00:17:13.8, 13' 58N, 124' 71E, h80km, mb5.4, h80km, mb5.3/26, MW5.3/26, Mw:5.7/26, Mw:5.2/26

ISC 28 00:17:13.0, 0.3, 13' 47N, 02' 16E, h0km, 11km, h29km; PP-P: s599, r181/674, mb5.4/248, MS4.9/30, 59C-29D, Luzon

Code Station Name Azimuth Phase ID Time Res

Main table of station data for the middle column, including stations like PVCP, CNP, MPPH, BESP, etc.

Main table of station data for the right column, including stations like JOW, MPSI, LBMI, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KMI, BLJI, KGM, PHRA, KS15, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like LZH, GSI, HHC, HHC, HHC, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KKN, DMN, CTAO, ZEA, H11S, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKASG, AKKB, KIEV, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JTH, ARSA, KHC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JANG, Nango, Miyakonagawasa, etc.

JFM	Mihama	6.87 229	P	Pn	00 23 58.9	+3.5
JHJ	Hachioji jima 2	7.35 197	P	Pn	00 24 01.6	-0.5
JHJ	comp=N,187nm,0.3s,baz=82,slow=1.8,SNR=29					
JHJ	comp=N,102nm,0.3s,baz=66,slow=1.5,SNR=3.4		S	Sn	00 25 19.8	-4.3
JHJ	comp=N,20nm,21.2s,baz=14,slow=38			LR	00 26 57.3	
JHJ2	Mitsune	7.35 197	S	Sn	00 25 19.3	-4.8
JHJ2	Mitsune	7.35 197	ePn	Pn	00 24 02.2	+0.2
JWT	Wachi	7.38 231	P	Pn	00 24 05.5	+3.1
JKN2	Miekiokhu	7.67 221	P	Pn	00 24 06.5	+0.1
USRK	Ussuriysk Ar.	8.69 301	P	Pn	00 24 22.6	+2.3
USRK	comp=N,8.0nm,0.3s,baz=109,slow=8.3,SNR=57					
JHSK	comp=N,20um,18.6s,baz=112,slow=37			LR	00 27 39.4	
JHS	Saiyo	8.98 328	P	Pn	00 24 27.4	+3.0
MDJ	Mudanjiang	10.43 299	P	Pn	00 24 46.8	+2.6
MDJ	comp=N,600nm,0.9s			S	00 24 59.3	
MDJ	comp=N,2um,2.9s			S	00 26 39.0	-0.6
MDJ	comp=N,7um,15.3s			S		
MDJ	comp=N,16um,18.1s			S		
MDJ	comp=N,25um,17.1s			S		
TYV	Tymovskoe	10.68 1	eP	Pn	00 24 39.3	-8.2
TYV	comp=Z,42nm,0.9s			S		
TYV	comp=Z,1um,4.1s			S		
TYV	comp=N,14um,22.0s			S		
TYV	comp=Z,15um,19.0s			S		
KSR5	Korea Array	11.60 261	P	Pn	00 25 02.9	+2.8
KSR5	comp=Z,2.4nm,0.3s,baz=82,slow=1.3,SNR=38			LR	00 29 15.8	
KSR5	comp=Z,13um,18.4s,baz=92,slow=36			PcP	00 30 49.4	+1.2
KSR5	baz=79,slow=1.6,SNR=4.1			PcP	00 34 18.8	+1.7
KSR5	comp=Z,0.0nm,0.3s,baz=163,slow=1.3,SNR=4.9			ScP	00 25 01.3	+1.0
JNU	Nakatsue	11.61 236	eP	Pn	00 25 01.3	+1.0
JNU	comp=Z,1.9nm,0.3s,baz=49,slow=7.5,SNR=14			LR	00 29 55.8	
JNU	comp=Z,4.1nm,18.1s,baz=73,slow=39			LR		
JNU	Nakatsue	11.61 236	ePn	Pn	00 25 01.0	+0.6
KS15	Wonju Array Si	11.63 261	ePn	Pn	00 25 03.5	+2.9
KSAR	Wonju Array Be	11.63 261	P	Pn	00 25 02.9	+2.3
KSAR	Wonju Array Be	11.63 261	P	Pn	00 25 02.9	+2.3
KSAR	comp=Z,1um,3.6s			PcP	00 30 49.4	+1.1
KSAR	comp=Z,1um,3.6s			PcP	00 34 18.8	+1.7
KLR	Kul'dur	11.77 324	P	Pn	00 25 02.8	+0.3
KLR	comp=Z,0.1nm,0.3s,baz=132,slow=12,SNR=18			LR	00 29 49.7	
KLR	comp=Z,1um,18.1s,baz=139,slow=38			Pn	00 25 03.1	+0.6
KLR	Kul'dur	11.77 324	iP	Pn	00 25 13.4	+2.5
TJN	Taejon	12.39 257	ePn	Pn	00 25 13.8	+0.4
INCN	Inchon	12.56 283	ePn	Pn	00 25 20.8	+0.6
CBIJ	Chichi jima	13.06 181	ePn	Pn	00 27 34.6	-9.3
CBIJ	comp=Z,2.1nm,0.3s,baz=286,slow=22,SNR=6.7			S	00 27 34.6	-9.4
JCJ	Chichijima	13.06 181	P	Sn	00 27 34.6	-9.4
JCJ	comp=Z,4.1nm,0.3s,baz=310,slow=22,SNR=6.7			S	00 31 20.2	
JCJ	comp=Z,2um,21.2s,baz=322,slow=42			LR		
CN2	Changchun	13.10 292	iP	Pn	00 25 21.0	+0.4
CN2	comp=Z,70nm,1.0s			S	00 25 35.0	+5.3
CN2	comp=Z,200nm,4.0s			S	00 27 45.5	+0.8
CN2	comp=Z,5um,18.0s			S		
CN2	comp=Z,8um,18.0s			S		
CN2	comp=Z,9um,20.0s			S		
SNY	Shenyang	14.29 283	iP	Pn	00 25 37.5	+0.8
SNY	comp=Z,32nm,1.6s			S		
SNY	comp=Z,1um,3.6s			S		
SNY	comp=Z,3um,16.6s			S		
SNY	comp=Z,9um,19.1s			S		
SNY	comp=Z,15um,19.7s			S		
DL2	Dalian	16.05 272	iP	Pn	00 26 00.3	+0.5
DL2	comp=Z,140nm,1.1s			S	00 28 58.3	+1.7
DL2	comp=Z,920nm,5.3s			S		
DL2	comp=Z,2um,14.2s			S		
DL2	comp=Z,5um,20.7s			S		
DL2	comp=Z,6um,26.1s			S		
PETK	Petrovskovsk-Kunigami	16.62 34	LR	LR	00 32 59.7	
ZEA	Zeya	17.73 226	eP	Pn	00 26 08.4	-3.0
ZEA	comp=N,280nm,1.0s			S	00 29 15.0	-4.1
ZEA	comp=N,180nm,1.0s			S		
ZEA	comp=Z,410nm,1.0s			S		
ZEA	comp=Z,900nm,3.0s			S		
ZEA	comp=Z,700nm,4.0s			S		
ZEA	comp=Z,12um,15.0s			S		
ZEA	comp=Z,7um,18.0s			S		
ZEA	comp=N,8um,16.0s			S		
JOW	Kunigami	17.73 226	P	Pn	00 26 18.2	-2.6
JOW	comp=N,3.6nm,0.3s,baz=79,slow=7.9,SNR=8.9			Pn	00 26 18.1	-2.7
JOW	Kunigami	17.73 226	ePn	Pn	00 26 26.9	-1.6
HIA	Hailar	18.41 307	eP	P	00 26 26.9	-1.6
HIA	comp=Z,145nm,1.0s			P	00 26 26.9	-1.6
HIA	Hailar	18.41 307	eP	P	00 26 38.5	-1.2
SSE	Sheshan	19.42 249	P	P	00 26 46.8	-3.7
SSE	comp=Z,86nm,1.2s			S	00 30 15.0	-1.8
SSE	comp=Z,730nm,6.5s			S	00 30 30.0	-4.2
SSE	comp=Z,2um,18.1s			S		
SSE	comp=Z,3um,18.2s			S		
SSE	comp=Z,3um,22.2s			S		
BJI	Beijing	20.02 278	iP	P	00 26 44.5	-1.6
BJI	comp=Z,300nm,0.9s			S	00 30 22.5	-6.1
BJI	comp=Z,8um,15.2s			S		
BJI	comp=Z,9um,17.7s			S		
BJI	comp=Z,9um,30.3s			S		
BJT	Baijiatou	20.02 278	eP	P	00 26 44.5	-1.7
BJT	Baijiatou	20.02 278	eP	P	00 26 44.5	-1.7
MA2	Magadan	20.12 12	P	P	00 26 46.0	-1.0
MA2	comp=Z,72nm,0.7s,baz=194,slow=9.9,SNR=24			LR	00 36 12.8	

MA2	Magadan	20.12 12	iP	P	00 26 47.1	0.0
CLNS	Chul'man	20.19 331	eP	P	00 26 47.2	-0.7
CLNS	comp=N,167nm,1.1s			S	00 27 02.9	
CLNS	comp=E,55nm,1.1s			S	00 30 29.6	-2.2
CLNS	comp=Z,350nm,1.2s			eS	00 31 03.2	
CLNS	comp=E,136nm,1.1s			eS	00 31 14.3	+2.3
CLNS	comp=N,232nm,0.9s			eSS		
CLNS	comp=Z,186nm,1.0s			SnSn		
CLNS	comp=N,936nm,11.0s			Pmax		
CLNS	comp=E,667nm,10.4s			Pmax		
CLNS	comp=N,4um,14.0s			Pmax		
CLNS	comp=Z,6um,15.0s			Pmax		
CLNS	comp=E,3um,15.0s			MLR		
TIA	Tai'an	20.21 267	P	P	00 26 47.3	-1.0
TIA	comp=E,110nm,1.0s			Pmax		
TIA	comp=E,750nm,4.3s			Pmax		
TIA	comp=E,3um,17.8s			LR		
TIA	comp=E,7um,17.9s			LR		
TIA	comp=E,3um,18.3s			LR		
NJ2	Nanjing	20.62 254	eP	P	00 26 50.5	-2.2
NJ2	comp=E,43nm,1.3s			P	00 27 04.3	+0.7
NJ2	comp=E,980nm,3.6s			P	00 27 07.5	-1.8
NJ2	comp=E,1um,14.6s			P	00 31 02.5	+0.7
NJ2	comp=E,5um,16.3s			P		
NJ2	comp=E,5um,17.3s			P		
YOJ	Yonaguni jima	22.58 232	PFAKE	LR	00 27 20.0	+6.2
YOJ	comp=Z,4um,20.0s			LR		
TATO	Taipei	23.15 235	eP	P	00 27 18.5	-1.2
TATO	comp=Z,244nm,0.9s			LR		
YAK	Yakutsk	23.19 345	P	P	00 27 17.6	-2.1
YAK	comp=Z,335nm,0.6s,baz=185,slow=3.2,SNR=43			S	00 31 23.6	-4.3
YAK	comp=Z,31nm,0.7s,baz=331,slow=13.3,SNR=6.4			S	00 37 00.9	
YAK	comp=Z,3um,18.6s,baz=107,slow=38			LR		
YAK	Yakutsk	23.19 345	eP	P	00 27 17.0	-2.8
YAK	comp=Z,2um,2.7s			eP	00 27 26.4	-4.6
YAK	comp=Z,2um,2.7s			e	00 27 37.2	
YAK	comp=Z,2um,13.0s			e	00 31 09.5	
YAK	comp=N,2um,14.0s			eS	00 31 21.3	-6.6
YAK	comp=N,602nm,0.8s			eSS	00 31 37.1	-1.1
YAK	comp=E,57nm,0.9s			e	00 38 21.9	
YAK	comp=Z,590nm,0.9s			Pmax		
YAK	comp=N,190nm,1.0s			Pmax		
YAK	comp=Z,352nm,1.2s			Pmax		
YAK	comp=N,242nm,1.1s			Pmax		
YAK	comp=E,88nm,1.0s			Smax		
YAK	comp=E,2um,2.7s			Smax		
YAK	comp=N,2um,2.3s			MLR		
YAK	comp=Z,4um,15.0s			MLR		
YAK	comp=E,2um,13.0s			MLR		
YAK	comp=N,2um,14.0s			MLR		
YAK	Yakutsk	23.19 345	eP	P	00 27 17.3	-2.4
YAK	comp=N,602nm,0.8s			S	00 31 23.6	-4.3
TIY	Taiyuan	23.36 274	eP	P	00 27 19.0	-2.8
TIY	comp=N,90nm,0.9s			Pmax		
TIY	comp=N,460nm,4.6s			Pmax		
TIY	comp=N,700nm,10.0s			LR		
TIY	comp=N,5um,24.3s			LR		
TIY	comp=N,5um,21.6s			LR		
HHC	Hu-ho-hao-te	23.37 282	eP	P	00 27 19.3	-2.6
HHC	comp=N,85nm,1.0s			S	00 27 34.5	+1.2
HHC	comp=N,62nm,4.6s			S	00 31 28.8	-2.7
HHC	comp=N,1um,11.2s			Pmax		
HHC	comp=N,1um,11.3s			Pmax		
HHC	comp=N,1um,13.1s			LR		
HHC	comp=N,90nm,0.9s			LR		
YHNB	Yeheng	23.44 235	eP	P	00 27 21.1	-1.5
YHNB	comp=Z,5um,19.0s			LR		
SEY	Seychan	23.56 11	P	P	00 27 22.2	-1.1
SEY	comp=Z,124nm,0.8s,baz=197,slow=9.6,SNR=34			P	00 27 23.0	0.0
NACB	Ninganchiao	23.66 234	eP	P	00 27 21.0	-3.6
NACB	comp=Z,89nm,1.0s			LR		
SSLB	Suanguang	24.34 234	eP	P	00 27 28.8	-2.1
SSLB	comp=Z,2um,19.0s			LR		
YULB	Yu-li	24.42 233	eP	P	00 27 30.2	-1.3
YULB	comp=Z,72nm,1.1s			LR		
YULB	comp=Z,3um,20.0s			LR		
WHN	Wuhan	24.71 256	iP	P	00 27 33.5	

28d Oh

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QIZ Qiongzong, HVS Khovu-Aksy, GAMB Gambell, etc.

2012 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURK Kurchatov, KURB Kurchatov, KTH Kantishna Hill, etc.

1342

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PKI Pulchoki, PKIN Pulchoki, DMN Dman, etc.

28d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C36A Pine Crest Far, CSK Cs #kako, ESK Stonewall, etc.

2012 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like F36A Milaca, RZN Rozen, G35A Watkins, etc.

1346

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BCLA Stuttgart, STU Stuttgart, PLE Pjlevja, etc.

STRD	Stroud	83.34	339f	eP	P	00 34 39.6	+0.5
STRD					Iamb	00 34 40.7	
comp=Z,190nm,0.8s							
ULC	Ulcinj	83.34	321	f	P	00 34 39.6	+0.2
KZN	Kozani	83.34	318	P	P	00 34 39.3	-0.2
KZN	Kozani	83.34	318	P	P	00 34 39.3	-0.2
KZN	Kozani	83.34	318	P	P	00 34 39.3	-0.2
MCH1	Mchaelchurch	83.37	339f	eP	P	00 34 39.4	+0.1
MCH1					Iamb	00 34 41.4	
comp=Z,76nm,0.9s							
FYTO	Fytoko, Volos	83.41	317	P	P	00 34 39.1	-0.6
FYTO	Fytoko, Volos	83.41	317	P	P	00 34 39.1	-0.6
MONM	Monmouth	83.46	339f	eP	P	00 34 40.2	+0.5
MONM					Iamb	00 34 40.8	
comp=Z,84nm,0.9s							
WOL	Wolverton	83.49	338f	eP	P	00 34 40.2	+0.3
WOL					Iamb	00 34 40.7	
comp=Z,102nm,0.8s							
H41A	Junction City	83.50	35	P	P	00 34 39.9	-0.2
TIR	Tirane	83.51	320	f	P	00 34 40.9	+0.7
TIR	Tirane	83.51	320	f	P	00 34 40.9	+0.7
TIR	Tirane	83.51	320	f	P	00 34 40.9	+0.7
TIR					comp=Z,163nm,1.0s		
TIR					LR		LR
comp=Z,3um,22.0s							
G42A	Mountain	83.52	33	P	P	00 34 40.0	-0.3
F43A	Flat Rock, Esc	83.57	32	P	P	00 34 40.3	-0.2
L37A	Phoenix Point,	83.58	38	P	P	00 34 40.3	-0.3
M36A	Felix, Anita	83.59	39	P	P	00 34 40.3	-0.3
J39A	Decorah	83.59	36	P	P	00 34 40.0	-0.6
O34A	Beatrice	83.61	41	P	P	00 34 40.5	-0.3
O34A	Davos/Dischmat	83.61	329	P	P	00 34 41.2	+0.4
NA5X	Tabor	83.62	40	P	P	00 34 41.2	+0.4
NA5X					comp=Z,44nm,0.9s,baz=45,slow=7.7		
NEST	Nestorio	83.63	319	P	P	00 34 40.4	-0.6
HGH	Gray Hill	83.64	339f	eP	P	00 34 41.1	+0.4
H40A	Norwalk	83.65	36	P	P	00 34 40.9	0.0
SMA	Simia	83.66	317	P	P	00 34 40.7	-0.4
PENT	Pentalofos	83.75	319	P	P	00 34 41.5	-0.1
F44A	Big Bay de Noc	83.76	32	P	P	00 34 41.5	+0.1
THL	Klokotos Trika	83.77	318	P	P	00 34 40.4	-1.2
G43A	Wallace	83.82	33	P	P	00 34 41.8	+0.1
I41A	Arkdale	83.85	35	P	P	00 34 42.2	+0.3
KARP	Karpathos	83.92	312	eP	P	00 34 43.1	+0.6
KARP	Karpathos	83.92	312	eP	P	00 34 41.8	-0.7
O35A	Humboldt	83.94	41	P	P	00 34 42.6	+0.1
L38A	Oak Wood Farm,	83.94	38	P	P	00 34 42.6	+0.2
J40A	Soldiers Grove	83.98	36	P	P	00 34 42.2	-0.4
M37A	Trindle Farm,	83.99	39	P	P	00 34 42.6	0.0
SCIA	State Center	84.00	38	eP	P	00 34 43.3	+0.6
SCIA					comp=Z,210nm,1.4s		
SCIA					LR		LR
comp=Z,765nm,21.0s							
K39A	Oelwein	84.00	37	P	P	00 34 42.4	-0.3
AGG	Agios Georgios	84.01	317	eP	P	00 34 42.4	-0.5
AGG					pmax		pmax
AGG	Agios Georgios	84.01	317	eP	P	00 34 42.4	-0.5
AGG	Agios Georgios	84.01	317	eP	P	00 34 42.4	-0.5
P34A	Walnut Farm, R	84.02	42	P	P	00 34 42.6	-0.2
H42A	Shiochon	84.07	34	P	P	00 34 43.1	+0.1
TUE	Stuetta	84.07	329	eP	P	00 34 43.7	+0.4
TUE					comp=Z,117nm,1.3s		
TUE					LR		LR
comp=Z,2um,19.0s							
SANT	Santorini	84.28	314	PFAKE	P	00 35 00.0	+1.6
SANT					LR		LR
comp=Z,1um,19.0s							
JAN	Janina	84.30	319	P	P	00 34 44.5	+0.2
JAN	Janina	84.30	319	P	P	00 34 44.5	+0.2
JAN	Janina	84.30	319	P	P	00 34 44.5	+0.2
J41A	Loganville	84.33	35	P	P	00 34 44.3	-0.1
K40A	Colesburg	84.35	37	P	P	00 34 44.5	0.0
EVR	Ervrytania	84.36	318	P	P	00 34 44.2	-0.5
EVR	Ervrytania	84.36	318	P	P	00 34 44.2	-0.5
F45A	CMU Biological	84.36	32	P	P	00 34 44.7	+0.2
M38A	Pleasantville	84.39	39	P	P	00 34 45.0	+0.3
I42A	Draeger Farm,	84.40	35	P	P	00 34 44.8	+0.1
L39A	Vinton	84.40	37	P	P	00 34 44.8	0.0
N37A	Lee Farris, Mou	84.41	40	P	P	00 34 45.2	+0.4
H43A	Windswept, Lux	84.42	34	P	P	00 34 44.9	+0.1
Q34A	Chapman	84.42	42	P	P	00 34 45.0	0.0
P35A	Duane Minner,	84.44	41	P	P	00 34 45.1	0.0
KSU1	Kansas State U	84.46	42	P	P	00 34 45.1	+0.1
KSU1	Kansas State U	84.46	42	eP	P	00 34 45.3	+0.2
KSU1					comp=Z,66nm,1.3s		
KSU1					LR		LR
O36A	Bolckow	84.51	40	P	P	00 34 45.6	+0.2
ANX	Ano Chora	84.55	317	P	P	00 34 45.3	-0.4
DSL	Palaion Diesel	84.57	318	P	P	00 34 45.6	-0.1
DSL	Palaion Diesel	84.57	318	P	P	00 34 45.6	-0.1
KALE	Kalitheia	84.58	317	P	P	00 34 45.0	-0.8
KALE	Kalitheia	84.58	317	P	P	00 34 45.0	-0.8
JFWS	Jewell Farm	84.58	36	P	P	00 34 45.0	-0.7
JFWS	Jewell Farm	84.58	36	eP	P	00 34 45.2	-0.5
JFWS					pmax		pmax
JFWS					comp=Z,17nm,0.8s		
JFWS					MLR		MLR
JFWS	Jewell Farm	84.58	36	eP	P	00 34 45.2	-0.5
JFWS					comp=Z,817nm,19.0s		
JFWS					LR		LR
IGT	Igoumenitsa	84.65	319	P	P	00 34 45.0	-1.1
IGT	Igoumenitsa	84.65	319	P	P	00 34 45.0	-1.1
IGT	Igoumenitsa	84.65	319	P	P	00 34 45.0	-1.1
H43A	Langenfeld Bro	84.73	34	P	P	00 34 46.2	-0.2
J42A	Columbus	84.76	35	P	P	00 34 46.6	+0.1
LAKA	Lakka	84.78	317	P	P	00 34 45.6	-1.2
LAKA	Lakka	84.78	317	P	P	00 34 45.6	-1.2
P36A	Good Intent, A	84.78	41	P	P	00 34 46.7	0.0
KEK	Kerkira	84.78	319	P	P	00 34 46.7	0.0
KEK	Kerkira	84.78	319	P	P	00 34 46.7	0.0
K41A	Shullsburg	84.80	36	P	P	00 34 46.8	+0.1
L40A	Anamosa	84.81	37	P	P	00 34 47.1	+0.2
GUR	Goura	84.81	317	P	P	00 34 45.6	-1.5
GUR	Goura	84.81	317	P	P	00 34 45.6	-1.5
AMTX	Amarillo	84.82	48	P	P	00 34 47.7	+0.5
AMTX					comp=Z,17nm,0.8s		
AMTX					MLR		MLR
AMTX	Amarillo	84.82	48	eP	P	00 34 48.1	+1.0
M39A	Webster	84.83	38	P	P	00 34 47.2	+0.3
MSTX	Muleshoe	84.85	49	P	P	00 34 47.7	+0.4
MSTX	Muleshoe	84.85	49	eP	P	00 34 47.8	+0.5

MSTX	comp=Z,69nm,1.1s						
N38A	Joess South For	84.85	39	P	P	00 35 00.6	
O37A	Wolvesden Farm, M	84.89	40	P	P	00 34 47.8	+0.6
MNTX	Cornudas Mount	84.90	52	P	P	00 34 48.0	+0.5
MNTX	Cornudas Mount	84.90	52	eP	P	00 34 48.4	+0.9
MNTX					comp=Z,39nm,1.1s		
MNTX					LR		LR
Q35A	Mercer Eighty,	84.94	42	P	P	00 34 47.6	+0.1
Q35A					comp=Z,69nm,20.0s		
SENI	Lac Senin/Sane	84.95	331	eP	P	00 34 47.3	-0.4
J42A	Natural Harves	85.02	35	P	P	00 34 47.8	0.0
K43A	Prairie Point,	85.09	35	P	P	00 34 48.1	-0.1
L41A	Preston	85.14	37	P	P	00 34 48.3	-0.1
N39A	Derby Farms, D	85.14	38	P	P	00 34 48.4	0.0
LAST	Lasithi	85.15	313	P	P	00 34 49.1	+0.4
LAST	Lasithi	85.15	313	P	P	00 34 49.1	+0.4
RLS	Rilos of Patr	85.18	317	P	P	00 34 48.6	-0.1
RLS	Rilos of Patr	85.18	317	P	P	00 34 48.6	-0.1
M40A	Post Highland	85.19	38	P	P	00 34 48.6	-0.1
VAL	Valentia	85.20	343	i	S	00 45 19.8	+5.0
P37A	Lathrop	85.23	40	P	P	00 34 49.1	+0.1
S34A	Willow Spring	85.25	43	P	P	00 34 49.1	0.0
O38A	Galt	85.25	40	P	P	00 34 49.3	+0.2
R35A	Emiria Municipi	85.26	42	P	P	00 34 49.7	+0.6
IDI	Anoyia	85.39	313	P	P	00 34 48.9	-1.0
VLC	Villacollemand	85.56	328	LR	PFAKE	00 35 00.0	+9.4
VLC					LR		LR
N40A	Mertquake, Sal	85.57	38	P	P	00 34 51.0	+0.4
L42A	Olivo, Polo	85.57	36	P	P	00 34 50.3	-0.3
ITM	Ithomi	85.60	316	P	P	00 34 49.7	-1.2
ITM	Ithomi	85.60	316	P	P	00 34 49.7	-1.2
O39A	Kirkville	85.60	39	P	P	00 34 51.0	+0.2
P38A	Dawn	85.61	40	P	P	00 34 51.1	+0.3
R36A	Gordon, Harris	85.61	42	P	P	00 34 51.3	+0.4
M41A	Milan	85.62	37	P	P	00 34 51.2	+0.1
S35A	Otter Creek Ra	85.68	43	P	P	00 34 51.6	+0.4
T34A	McCloskey Farm	85.72	44	P	P	00 34 51.6	+0.2
Q37A	Longview Farm,	85.73	41	P	P	00 34 51.3	-0.1
R37A	Teagarden Farm	85.97	42	P	P	00 34 52.4	-0.2
S36A	Lake Cedric, C	86.02	42	P	P	00 34 53.0	+0.1
O40A	La Belle	86.03	39	P	P	00 34 53.2	+0.3
N41A	Harden Midland	86.05	38	P	P	00 34 53.1	+0.1
Q38A	Cooks Store, C	86.08	40	P	P	00 34 53.0	-0.1
P39B	Salisbury	86.09	40	P	P	00 34 53.4	+0.1
T35A	Sooner Cattle	86.15	43	P	P	00 34 53.9	+0.3
L44A	Lake County Fo	86.21	35	P	P	00 34 53.8	0.0
SNZO	South Karori	86.28	156	PFAKE	LR	00 35 10.0	+1.6
SNZO					LR		LR
BNI	Bardonecchia	86.28	330	eP	P	00 34 53.0	-1.3
BNI					comp=Z,48nm,1.1s		
BNI					MLR		MLR
BNI	Bardonecchia	86.28	330	eP	P	00 34 53.0	-1.3
BNI					comp=Z,2um,20.0s		
BNI					LR		LR
TOBO	Tobermory, Bru	86.30	29	P	P	00 34 54.3	+0.2
Q39A	Willow Grove F	86.33	40	P	P	00 34 54.5	+0.1
N42A	Yate City	86.33	37	P	P	00 34 54.3	-0.1
M43A	Waltham Townsh	86.34	36	P	P	00 34 54.4	0.0
T36A	Boggs Farm, Ca	86.38	43	P	P	00 34 55.2	+0.5
S37A	Fort Scott	86.39	42	P	P	00 34 54.7	0.0
P40A	Paris	86.41	39	P	P	00 34 55.1	+0.3
U35A	Pawnee	86.45	44	P	P	00 34 55.5	+0.5
O41A	Passleys Farm,	86.50	38	P	P	00 34 55.3	+0.1
CUC	Castrocuoco	86.51	322	PFAKE	LR	00 35 10.0	+1.5
CUC					LR		LR
comp=Z,1um,19.0s							
R38A	Fenwick Farm,	86.53	41	P	P	00 34	

S43A	Fulton Ridge, baz=323,SNR=14	88.90	39	P	P	00 35 07.0 +0.2
OLIL	Olney comp=Z,121nm,1.2s	88.90	37	eP	P	00 35 07.4 +0.7
V40A	Witts Springs baz=321,SNR=6.2	88.92	42	P	P	00 35 06.6 -0.3
U41A	Viola baz=322,SNR=12	88.95	41	P	P	00 35 07.1 0.0
Q46A	CEJHS Indians, baz=322	89.01	36	P	P	00 35 07.4 +0.2
JCT	Junction City baz=318,SNR=8.3	89.10	50	P	P	00 35 08.2 +0.3
JCT	Junction City comp=Z,21nm,0.8s	89.10	50	eP	Pmax	00 35 08.2 +0.3
JCT	Junction City comp=Z,744nm,21.0s	89.10	50	eP	P	00 35 08.2 +0.3
JCT	Junction City comp=Z,21nm,0.8s			MLR	LR	
P47A	Martinsville baz=325	89.12	36	P	P	00 35 07.8 +0.1
R45A	Skyilar, Fairir baz=324,SNR=6.9	89.17	37	P	P	00 35 08.4 +0.4
T43A	Greenville baz=323,SNR=12	89.18	39	P	P	00 35 08.5 +0.4
S44A	Carbondale baz=323,SNR=19	89.19	38	P	P	00 35 08.6 +0.5
SIUC	Southern Illini comp=Z,199nm,1.4s	89.19	38	eP	P	00 35 08.5 +0.4
B39A	Fountain Ranch baz=320,SNR=6.6	89.25	44	P	P	00 35 09.0 +0.5
XVLA	Bloomington comp=Z,76nm,1.3s	89.27	36	eP	Pmax	00 35 09.3 +0.8
BLO	Bloomington comp=Z,76nm,1.3s	89.27	36	eP	P	00 35 09.3 +0.8
W40A	Ferguson Farm, Lake Ozonia	89.27	42	P	P	00 35 09.0 +0.5
LONY	Lake Ozonia	89.27	25	PFAKE	LR	00 35 20.0 +1.2
V41A	Mountainview baz=322,SNR=15	89.27	41	P	P	00 35 08.4 -0.2
U42A	Reverend baz=322,SNR=6.0	89.29	41	P	P	00 35 08.5 -0.1
WHTX	Lake Whitney, baz=319	89.33	47	P	P	00 35 09.7 +0.8
WHTX	Lake Whitney comp=Z,30nm,1.5s	89.33	47	eP	P	00 35 09.7 +0.8
PBMO	Poplar Bluff comp=Z,116nm,1.2s	89.35	40	P	P	00 35 09.2 +0.3
Y38A	Idabel baz=320	89.36	44	P	P	00 35 09.0 0.0
POI	Presque Isle comp=Z,60nm,0.9s	89.37	20	eP	P	00 35 09.2 +0.5
MIAR	Mount Ida baz=321,SNR=15	89.50	43	P	P	00 35 10.3 +0.6
MIAR	Mount Ida comp=Z,82nm,1.3s	89.50	43	eP	Pmax	00 35 10.3 +0.6
MIAR	Mount Ida comp=Z,82nm,1.3s	89.50	43	eP	Pmax	00 35 10.3 +0.6
MIAR	Mount Ida comp=Z,82nm,1.3s	89.50	43	eP	Pmax	00 35 10.3 +0.6
MIAR	Mount Ida comp=Z,82nm,1.3s	89.50	43	eP	Pmax	00 35 10.3 +0.6
MIAR	Mount Ida comp=Z,82nm,1.3s	89.50	43	eP	Pmax	00 35 10.3 +0.6
Q47A	Bedord North L baz=325,SNR=14	89.50	36	P	P	00 35 09.8 +0.2
T44A	Benton baz=323	89.52	39	P	P	00 35 10.4 +0.7
ERPA	Erie comp=Z,127nm,1.0s	89.53	30	eP	P	00 35 10.8 +1.1
S45A	Carrier Mills baz=324,SNR=9.1	89.53	38	P	P	00 35 10.2 +0.5
X301	Greenbrier Sit comp=Z,124nm,1.5s	89.57	42	eP	P	00 35 09.8 -0.2
WHAR	Woolly Hollow baz=321,SNR=11.5s	89.59	42	eP	P	00 35 10.4 +0.3
R46A	Gibon Southern baz=324	89.59	37	P	P	00 35 10.5 +0.5
V42A	Cord baz=322,SNR=8.3	89.64	41	P	P	00 35 10.5 +0.2
CLTB	Caltabellotta comp=Z,11m,22.0s	89.66	322	PFAKE	LR	00 35 20.0 +1.0
U43A	Rector baz=323	89.69	40	P	P	00 35 10.8 +0.3
Y39A	Lockesburg baz=323	89.70	44	P	P	00 35 11.3 +0.8
W41B	Gary Mavity, V baz=322,SNR=9.9	89.70	42	P	P	00 35 10.6 0.0
MMNY	Mt. Morris Dam baz=325,SNR=11.0s	89.78	28	eP	P	00 35 11.6 +0.8
ATD	Arta Tunnel comp=Z,87nm,1.2s	89.80	285	eP	P	00 35 12.6 +1.2
VSL	Villasalto comp=Z,11m,19.0s	89.82	326	PFAKE	LR	00 35 20.0 +8.9
ALLY	Alegheny Colle comp=Z,139nm,1.0s	89.87	30	eP	P	00 35 12.4 +1.1
S64A	Dor Dixon Farm baz=324	89.93	37	P	P	00 35 12.3 +0.7
X40A	Basin Creek Fa baz=321,SNR=7.8	89.93	43	P	P	00 35 12.4 +0.7
R47A	Woolly Knot Far baz=325,SNR=10	89.98	36	P	P	00 35 12.1 +0.3
Y40A	Okolona baz=321	90.07	43	P	P	00 35 12.9 +0.6
X41A	Kaden, Bauxite baz=324	90.09	43	P	P	00 35 12.9 +0.5
WCI	Wyandotte Cave baz=321	90.14	36	P	P	00 35 13.2 +0.6
WCI	Wyandotte Cave comp=Z,152nm,1.6s	90.14	36	eP	P	00 35 13.4 +0.9
WCI	Wyandotte Cave comp=Z,152nm,1.6s	90.14	36	eP	P	00 35 13.4 +0.9
435B	Jarrell baz=319	90.16	48	P	P	00 35 13.7 +0.9
M54A	Oil Creek Stat baz=329,SNR=7.3	90.17	30	P	P	00 35 13.4 +0.7
R48A	Northridge Ran baz=325	90.19	36	P	P	00 35 13.4 +0.6
GLAT	Glass comp=Z,190nm,1.1s	90.31	39	eP	P	00 35 15.1 +1.7
T46A	Princeton baz=324,SNR=13	90.36	38	P	P	00 35 14.3 +0.7
WDD	Wied Dalam comp=Z,977nm,21.0s	90.42	320	PFAKE	LR	00 35 30.0 +1.6
N54A	Moraine State baz=329,SNR=6.4	90.51	31	P	P	00 35 14.8 +0.5
Y41A	Eaglette Beard baz=321,SNR=5.2	90.52	43	P	P	00 35 15.1 +0.7
Z40A	Long Fane, Mag baz=321,SNR=5.9	90.59	44	P	P	00 35 15.8 +1.0
MSEY	Mahe Island comp=Z,11m,20.0s	90.61	264	PFAKE	LR	00 35 30.0 +1.5
MSEY	Mahe Island comp=Z,11m,20.0s	90.61	264	PFAKE	LR	00 35 30.0 +1.5
ACCN	Adirondack Com comp=Z,117nm,1.6s	90.67	25	eP	P	00 35 15.8 +0.9
S48A	Wiedeman Farm, baz=325,SNR=9.7	90.71	36	P	P	00 35 15.9 +0.6
T47A	Sharon Grove baz=325,SNR=8.9	90.78	37	P	P	00 35 16.3 +0.8
CCAR	Cane Creek comp=Z,163nm,1.3s	90.93	42	eP	P	00 35 17.8 +1.5
BINY	Binghamton comp=Z,40nm,1.0s	90.93	27	eP	LR	00 35 17.1 +0.9
Y42A	Garnett, Star baz=322	90.98	42	P	P	00 35 17.3 +0.7
T48A	Bowling Green baz=325	91.01	37	P	P	00 35 16.7 +0.1
WVT	Waverly baz=324	91.13	38	P	P	00 35 17.6 +0.4
WVT	Waverly comp=Z,56nm,1.4s	91.13	38	eP	Pmax	00 35 17.6 +0.4
WVT	Waverly comp=Z,56nm,1.4s	91.13	38	eP	P	00 35 17.6 +0.4
U47A	Clarksville baz=324,SNR=5.2	91.13	38	P	P	00 35 17.9 +0.7
W45A	Hickory Valley baz=323	91.25	40	P	P	00 35 18.7 +0.9

V46A	Holladay baz=324,SNR=6.1	91.26	39	P	P	00 35 18.2 +0.4
Z42A	Norrel Spur, H baz=322	91.34	43	P	P	00 35 18.6 +0.4
U48A	Case Pea, Po baz=325	91.43	37	P	P	00 35 18.8 +0.2
V47A	Nunnelly baz=324,SNR=9.6	91.52	38	P	P	00 35 19.0 0.0
SSPA	Standing Stone baz=329,1.1s	91.60	29	eP	P	00 35 19.9 +0.6
OXF	Oxford baz=323,SNR=8.1	91.66	40	P	P	00 35 20.1 +0.5
OXF	Oxford comp=Z,120nm,1.1s	91.66	40	eP	Pmax	00 35 20.3 +0.6
OXF	Oxford comp=Z,120nm,1.1s	91.66	40	eP	P	00 35 20.3 +0.6
X45A	UM Field Stati baz=323	91.73	41	P	P	00 35 20.2 +0.2
V48A	Smith Brothers baz=325	91.92	38	P	P	00 35 20.9 0.0
W47A	Westpoint baz=324,SNR=5.5	91.95	39	P	P	00 35 21.3 +0.3
X46A	Booneville baz=324	92.03	40	P	P	00 35 21.9 +0.5
Y45A	Yeager Farm, C baz=323	92.10	41	P	P	00 35 22.4 +0.7
Z44A	Pea Ridge, Bel baz=323	92.12	42	P	P	00 35 22.7 +0.9
N59A	State Game Lan baz=322	92.14	28	P	P	00 35 22.0 +0.2
W48A	Pulaski baz=325,SNR=11	92.36	38	P	P	00 35 23.2 +0.3
KVXT	Kingsville comp=Z,524nm,19.0s	92.39	51	PFAKE	LR	00 35 40.0 +1.7
KVXT	Kingsville comp=Z,524nm,19.0s	92.39	51	PFAKE	LR	00 35 40.0 +1.7
X47A	Russellville baz=324	92.42	39	P	P	00 35 23.2 +0.1
Y46A	Houston baz=324	92.43	40	P	P	00 35 23.9 +0.7
SWET	Sewanee comp=Z,99nm,1.0s	92.77	38	eP	P	00 35 25.1 +0.2
X48A	Hartselle baz=325	92.86	39	P	P	00 35 25.4 +0.2
KEST	Kesra comp=Z,10nm,0.8s,baz=265,slow=1.5,SNR=6.9	92.96	323	P	P	00 35 25.4 +0.2
KEST	Kesra comp=Z,10nm,0.8s,baz=265,slow=1.5,SNR=6.9	92.96	323	P	PP	00 35 25.4 +0.2
KEST	Kesra comp=Z,5.9nm,1.0s,baz=343,slow=3.1,SNR=4.2	92.96	323	P	PP	00 35 25.4 +0.2
KEST	Kesra comp=Z,5.9nm,1.0s,baz=343,slow=3.1,SNR=4.2	92.96	323	P	PP	01 23 33.2
X49A	Woodville baz=325,SNR=5.5	93.16	38	P	P	00 35 26.7 +0.1
CPCT	Cooper Cave comp=Z,22nm,1.1s	93.23	37	eP	P	00 35 27.4 +0.5
Y48A	Jasper baz=324	93.24	39	P	P	00 35 26.7 -0.3
TKL	Tuckaleechee C comp=Z,32nm,1.1s	93.40	36	eP	Pmax	00 35 28.3 +0.6
TKL	Tuckaleechee C comp=Z,32nm,1.1s	93.40	36	eP	Pmax	00 35 28.3 +0.6
TKL	Tuckaleechee C comp=Z,32nm,1.1s	93.40	36	eP	Pmax	00 35 28.3 +0.6
LNIG	Linares comp=Z,10nm,0.8s	93.40	53	eP	P	00 35 27.4 -0.5
X50A	Fort Payne baz=325	93.52	38	P	P	00 35 27.9 -0.4
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
BLA	Blacksburg comp=Z,42nm,1.1s	93.54	33	eP	Pmax	00 35 29.5 +1.1
Y49A	Blount Mountai baz=325	93.65	39	P	P	00 35 29.0 0.0
147A	Livingston baz=325	93.69	41	P	P	00 35 29.3 +0.3
PBRG	Braganca comp=Z,2.9nm,0.7s	93.71	337	eP	P	00 35 29.2 +0.1
CBN	Corbin Frederi comp=Z,757nm,22.0s	93.91	30	PFAKE	LR	00 35 40.0 +1.0
CBN	Corbin Frederi comp=Z,757nm,22.0s	93.91	30	PFAKE	LR	00 35 40.0 +1.0
Y50A	Piedmont baz=325	93.94	38	P	P	00 35 30.1 -0.1
PGAV	Gavieira, Arco comp=Z,632nm,22.0s	94.00	338	eLQ	LQ	01 01 37.1
PGAV	Gavieira, Arco comp=Z,632nm,22.0s	94.00	338	eLQ	LQ	01 09 59.4
LRAL	Lakeview Retre baz=325	94.03	40	P	P	00 35 30.2 -0.5
Z49A	Columbiana baz=325	94.13	39	P	P	00 35 30.5 -0.6
BG3	Lake Jocassee comp=Z,42nm,1.2s	94.33	36	eP	P	00 35 32.9 +0.9
Z50A	Ashland baz=325,SNR=16	94.38	39	P	P	00 35 32.5 +0.2
MVO	Moncorvo comp=Z,4.6nm,0.7s	94.38	337	eP	P	00 35 31.7 -0.5
MVO	Moncorvo comp=Z,4.6nm,0.7s	94.38	337	eLQ	LQ	01 05 30.0
MVO	Moncorvo comp=Z,4.6nm,0.7s	94.38	337	eLQ	LQ	01 09 57.5
POLO	Lamas de Olo comp=Z,24nm,1.4s	94.41	338	eP	P	00 35 32.5 +0.1
PVRL	Vila Real baz=325	94.48	338	eP	P	00 35 32.5 -0.1
149A	Jones comp=Z,3.7nm,1.1s	94.49	40	P	P	00 35 33.0 +0.3
FURI	Furi					

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists various stations like BIM, TRAM, ZAM, etc.

CSEM 28 01:11:58.2-0.2, 38.65N-43.02E, h2km, MD2.6, Error ellipse: s-maj=3.9km s-min=3.0km az=137.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like VANB, TVAN, GEVA, etc.

ISK 28 01:19:38.1, 37.47N-27.09E, h4km, MD2.7, ML2.4

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like GCAM, WSI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like GCAM, BODT, BDRM, etc.

ISCJB 28 01:23:55.8-0.5, 24.68N-0.05, 122.56E-0.03, h26km, 11km, Error ellipse: s-maj=7.8km s-min=3.5km

JMA 28 01:23:56.1-0.1, 24.65N-122.58E, h26km, M2.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like EOS1, EOS2, JYNG, etc.

CSEM 28 01:33:31.6, 41.25N-43.69E, h0km, ML1.6

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like BGD, AKH, etc.

ISCJB 28 01:46:35.5-0.6, 8.6S-0.1, 118.29E-0.06, h152km, mb3.5/5, Error ellipse: s-maj=15.7km s-min=7.3km

ISC 28 01:46:37.6-4.5, 8.56S-118.37E, h148km, 52km, mb3.2/5, mb1.3/4.7, mb1mx3.2/3.1, mbtmp3.7/7, Error ellipse: s-maj=104.0km s-min=11.8km az=49.0

DJA 28 01:46:38.1-0.4, 9.5S-6.1, 118.29E-0.06, h116km, 5km, M3.8/9, MLV3.8/9

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like PLA1, WSI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like WRA, ASAR, STKA, etc.

MEX 28 01:49:51.6-0.6, 17.68N-101.92W, h7km, 4km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like ZIIG, MMIG, ARIG, etc.

ISCJB 28 01:54:13.8-0.4, 38.75N-0.02, 30.40E-0.03, h6km, 4km, Error ellipse: s-maj=4.1km s-min=3.2km az=41.4

CSEM 28 01:54:13.9-0.1, 38.72N-30.41E, h8km, ML3.0, Error ellipse: s-maj=3.0km s-min=2.6km az=30.0

DDA 28 01:54:13.6, 38.76N-30.38E, h7km, M2.5

ISK 28 01:54:13.1, 38.74N-30.40E, h7km, ML2.5

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like SHUT, SHUT, BOLV, etc.

ATH 28 02:01:18.6, 36.03N-25.08E, h31km, 2km, ML2.6/6, Error ellipse: s-maj=3.0km s-min=0.9km az=73.0

ISCJB 28 02:01:19.6-0.4, 36.04N-25.03E-0.04, h28km, 6km, Error ellipse: s-maj=5.7km s-min=4.2km az=67.7

THE 28 02:01:19.4, 36.04N-25.03E, h17km, ML2.6/6, Error ellipse: s-maj=1.5km s-min=0.4km az=73.0

CSEM 28 02:01:19.4-0.1, 36.03N-25.10E, h20km, ML2.6, Error ellipse: s-maj=4.1km s-min=2.5km az=114.0

ISC 28 02:01:19.5-0.9, 36.03N-25.10E-0.03, h27km, 10km, n50, c068/76, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like THR9, THR3, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THR3 Thira Island, SAP2K Karterados, and various Warramunga Arr stations.

ISC 28 02:01:45.15.9.2'41S.141'03E.h0km,mb3.4/2, mb1 3.8/3,mb1mx3.5/29,mbtm3.6/3,ML3.8/1, Error ellipse: s-maj=224.5km s-min=29.2km az=89.0

DJA 28 02:01:48.5.1.6.3'S.17'14.0"E.1, h21km,5km, M3.6/3, ML3.6/3

ISC 28 02:01:50.5.0.8.2'49S.0'10.140'33E.0.05,h24km, mb3.4/2, Error ellipse: s-maj=14.4km s-min=6.6km az=2.7

ISC 28 02:01:50.8.1.9.2'55S.0'11.140'4E.0.1,h24km,n6,+c15/17, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GENI Genyem, JAY Jayapura, and WRA Warramunga Arr.

ISC 28 02:14:23.8.1.8.10'25S.116'19E,h0km,mb3.9/9, mb1 3.9/11,mb1mx3.8/45,mbtm3.8/11,ML3.2/2,MS3.6/2, Ms1 3.9/12,ms1mx2.9/44, Error ellipse: s-maj=121.8km s-min=16.2km az=50.0

ISC 28 02:14:26.1.0.6.10'57S.0'06.116'02E.0'06,h33km, mb3.8/9,MS3.5/2, Error ellipse: s-maj=10.9km s-min=5.7km az=42.4

NEIC 28 02:14:28.13.0.10'18S.116'29E,h26km,22km,mb4.1/1, Error ellipse: s-maj=17.3km s-min=7.6km az=46.0

DJA 28 02:14:34.0.1.2.10'S.11'11"E.1,h37km,41km, M3.6/7, ML3.6/7

ISC 28 02:14:27.7.0.8.10'58S.0'09.116'05E.0'07,h35km,n22,+c167/24,mb3.8/9,South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGBI Denpasar, PLAI Plangrang, and WRA Warramunga Arr.

FITZ Fitzroy Crossi 11.92 130 P Sn 02 17 14.6 +0.7

WRA Warramunga Arr 19.93 120 P Pn 02 18 58.4 +0.2

ASAR Alice Springs 21.43 130 P P 02 19 15.4 +2.6

ASAR Alice Springs 21.43 130 P P 02 19 15.4 +2.6

TKA Stephens Creek 31.72 136 P P 02 20 50.6 +2.2

CMAR Chiang Mai Arr 33.43 330 P P 02 21 03.5 +0.2

SOMM Songoing Array 58.79 352 P P 02 24 21.9 +0.6

AAK Ala-Archa 65.18 327 P P 02 25 05.8 +0.2

AAK Ala-Archa 65.18 327 P P 02 25 05.8 +0.2

ISC 28 02:15:59.3.2.1'23.68S.175'14W,h0km,mb3.9/5, mb1 4.2/5,mb1mx3.9/22,mbtm3.9/5,MS3.7/3,Ms1 3.7/3, ms1mx3.1/29, Error ellipse: s-maj=94.4km s-min=27.4km az=157.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamau, RAR Rarotonga, and various Warramunga Arr stations.

ISC 28 02:16:04.1.1.9.23'7S.0'06.175'2W.0'3,h29km,n13,+c077/8,mb3.9/7,MS3.8/3,Tonga Islands region

ISC 28 02:24:42.9.5.8.24'45N.122'82E,h0km,mb3.4/3, mb1 3.6/3,mb1mx3.1/52,mbtm3.4/3, Error ellipse: s-maj=384.1km s-min=26.2km az=60.0

ISC 28 02:24:51.7.0.7.24'70N.0'10.123'42E.0'05,h96km,5km, mb3.4/3, Error ellipse: s-maj=16.8km s-min=6.6km

JMA 28 02:24:53.2.0.1.24'75N.123'46E,h38km,2km, M2.9

ISC 28 02:24:52.4.1.1.24'77N.0'11.123'42E.0'05,h90km,8km, n14,+c44/24,mb3.4/3,Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, and various Warramunga Arr stations.

ISC 28 02:28:43.9.2.3.37'73N.144'70E,h0km,mb3.6/4, mb1 3.7/6,mb1mx3.4/48,mbtm3.6/6,ML3.2/2, Error ellipse: s-maj=57.3km s-min=3.3km az=66.2

ISC 28 02:28:50.7.1.3.37'88N.0'06.144'14E.0'09,h33km, mb3.6/4, Error ellipse: s-maj=10.5km s-min=9.1km az=162.3

JMA 28 02:28:50.4.0.2.37'85N.144'14E,h48km, M3.3

ISC 28 02:28:50.3.1.6.37'87N.0'09.144'3E.0'11,h35km,n15,+c129/20,mb3.6/4,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OFUJ Ofunato, JIO Ouri, and various Warramunga Arr stations.

ISC 28 02:40:31.7.1.8.43'20S.172'85E,h0km,mb3.3/2, mb1 3.7/3,mb1mx3.6/18,mbtm3.5/3,ML3.7/1,MS3.8/1, Ms1 3.8/1,ms1mx3.1/12, Error ellipse: s-maj=46.3km s-min=16.1km az=148.0

ISC 28 02:40:32.6.0.4.43'53S.0'04.173'01E.0'05,h27km, mb3.2/2,MS3.7/1, Error ellipse: s-maj=8.0km s-min=2.6km az=139.9

WEL 28 02:40:32.9.43'53S.1'173E.1,h16km,ML4.3/4

ISC 28 02:40:33.5.0.9.43'55S.0'04.172'94E.0'05,h27km,n79,+c151/80,South Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRLZ Canterbury Las, MOZ Queen's Vall, and various Warramunga Arr stations.

ISC 28 02:47:02.5.2.8.36'21N.70'80E,h185km,24km,mb3.5/12, mb1 3.5/18,mb1mx3.3/66,mbtm3.4/0.18, Error ellipse: s-maj=19.9km s-min=14.0km az=178.0

ISC 28 02:57:02.1.0.3.36'46N.0'03.70'80E.0'05,h200km, mb3.6/4, Error ellipse: s-maj=5.4km s-min=3.7km az=168.8

MOS 28 02:57:03.0.0.7.36'53N.70'80E,h201km,mb3.9/9, Error ellipse: s-maj=15.8km s-min=6.5km az=84.8

NNC 28 02:57:06.5.2.6.36'84N.70'51E,h187km,21km,mb3.5, mp4.6, Error ellipse: s-maj=19.4km s-min=17.7km az=71.0

ISC 28 02:57:02.7.0.5.36'45N.0'05.70'77E.0'06,h200km,n72,+c198/89,mb3.8/14,15C-BD,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRLZ Canterbury Las, MOZ Queen's Vall, and various Warramunga Arr stations.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCB Jackson Bay, OGWZ Otaki Gorge, and various Warramunga Arr stations.

ISC 28 02:40:35.0.8.39'16N.0'06.32'72E.0'04,h5km,7km, Error ellipse: s-maj=9.3km s-min=5.5km az=178.3

CSEM 28 02:40:35.0.2.39'17N.32'73E,h5km,ML2.3, Error ellipse: s-maj=5.1km s-min=3.7km az=2.0

DDA 28 02:40:35.6.39'20N.32'74E,h7km,ML2.3

ISC 28 02:40:35.0.39'17N.32'74E,h8km,ML2.7

ISC 28 02:40:36.0.1.39'17N.0'04.32'74E.0'03,h9km,8km, n16,+c55/28,Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKUL Konya-Kulu, AFRS Af ar-Bala (A), and various Warramunga Arr stations.

ISC 28 02:52:29.7.0.6.37'47N.0'04.27'19E.0'08,h15km,5km, Error ellipse: s-maj=11.7km s-min=5.3km az=160.3

CSEM 28 02:52:29.6.0.3.37'46N.27'19E,h15km,ML2.5, Error ellipse: s-maj=12.3km s-min=6.3km az=64.0

DDA 28 02:52:29.7.37'47N.27'19E,h7km,ML2.7

ISC 28 02:52:29.0.37'48N.27'12E,h8km,ML2.5

ISC 28 02:52:29.6.1.1.37'50N.0'03.27'28E.0'04,h17km,3km, n23,+c41/27,Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCAM G?zelcam?, BODT Bodrum, and various Warramunga Arr stations.

ISC 28 02:57:00.5.2.8.36'21N.70'80E,h185km,24km,mb3.5/12, mb1 3.5/18,mb1mx3.3/66,mbtm3.4/0.18, Error ellipse: s-maj=19.9km s-min=14.0km az=178.0

ISC 28 02:57:02.1.0.3.36'46N.0'03.70'80E.0'05,h200km, mb3.6/4, Error ellipse: s-maj=5.4km s-min=3.7km az=168.8

MOS 28 02:57:03.0.0.7.36'53N.70'80E,h201km,mb3.9/9, Error ellipse: s-maj=15.8km s-min=6.5km az=84.8

NNC 28 02:57:06.5.2.6.36'84N.70'51E,h187km,21km,mb3.5, mp4.6, Error ellipse: s-maj=19.4km s-min=17.7km az=71.0

ISC 28 02:57:02.7.0.5.36'45N.0'05.70'77E.0'06,h200km,n72,+c198/89,mb3.8/14,15C-BD,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEP Cherat, THW Thamme Val, and various Warramunga Arr stations.

28d 3h

Table of station data for 28d 3h, including columns for station name, frequency, power, and other technical details.

2012 JAN

Table of station data for 2012 JAN, including columns for station name, frequency, power, and other technical details.

1352

Table of station data for 1352, including columns for station name, frequency, power, and other technical details.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, BRTR Keskin Array B, TSUM Tsumani, etc.

ISCJB 28 03:58:42.8±0.6, 8.2±1.0; 0.06:76.40W±0.07, h150km, mb3.2/5, Error ellipse: s-maj=10.6km s-min=8.0km az=155.9

IDC 28 03:58:43.6±0.7, 8.2±2.5; 76.44W, h143km, 7km, mb3.2/5, mb1 3.5/10, mb1mx3.3/40, mbtmp3.8/10, Error ellipse: s-maj=15.2km s-min=9.2km az=54.0

ISC 28 03:58:44.1±0.7, 8.2±0.9; 0.07:76.55W±0.1, h150km, n12, ±117.17, mb3.1/5, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, ATAH Atahualpa, NNA Nana, etc.

ISK 28 03:58:45.1, 35.90N±29.77E, h10km, ML3.0

ISCJB 28 03:58:48.6±1.3, 35.98N±0.08±0.30; 0.0E±0.08, h10km, Error ellipse: s-maj=12.3km s-min=8.7km az=22.2

CSEM 28 03:58:49.2±0.9, 36.01N±0.30±0.0E, h10km, ML2.2, Error ellipse: s-maj=19.9km s-min=12.1km az=9.0

DDA 28 03:58:57.4, 36.51N±29.79E, h7km, M12.2

ISC 28 03:58:48.4±1.7, 36.03N±0.10±0.29±2E±0.05, h10km, n21, ±103/25, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELL Elmali, FETH Fethive, KORT Korkueli, etc.

MEX 28 04:17:21.0±0.3, 14.81N±93.20W, h61km, gkm, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Rapa Nui, CCIG Comitán, TGIG TGI, etc.

IDC 28 04:43:38.8±0.7, 36.73S±110.39W, h0km, mb4.5/14, mb1 4.7/15, mb1mx4.6/34, mbtmp4.5/15, ML4.3/1, MS5.0/20, Ms1 5.0/20, ms1mx4.9/24, Error ellipse: s-maj=23.6km s-min=19.4km az=11.0

ISCJB 28 04:43:40.0±0.3, 36.72S±106.00W±0.10, h10km, mb5.0/122, MS5.2/19.6, Error ellipse: s-maj=9.4km s-min=7.1km az=142.7

GCMT 28 04:43:41.0±0.1, 36.74S±110.73W, h17km, MW5.6/141, Moment Tensor Solution, s106c199; s141c342; Duration: 1s5 Moment tensor: Scale 10^17Nm; Mn=0.72±0.04; Mw=1.16±0.03; Ms=1.88±0.04; Me=0.02±0.09; M=2.41±0.03; Mo=1.02±0.10; Best double couple: Mc3.01800×10^17 Np1±0.15.00000°, s88.00000°, λ=20.00000°. NP2±0.106.00000°, δ70.00000°, λ=177.00000°. Principal axes: T 3.4020, Plg12.0000°, Azm62.0000°; N -0.7640, Plg70.0000°, Azm188.0000°; P -2.6391, Plg16.0000°, Azm329.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 28 04:43:41.0±0.3, 36.79S±110.52W, h10km, mb5.1/104, MS5.2/148, MW5.6 Error ellipse: s-maj=9.9km s-min=8.0km az=63.0

NEIC 28 04:43:42.0±0.0, 36.98S±110.68W, h11km, Moment Tensor Solution, s19 Moment tensor: Scale 10^17Nm; Mn=0.40; Mw=0.83; Ms=1.23; Me=0.73; Mo=2.16; Mw=0.84; Best double couple: Mc2.70000×10^17 Np1; Ms1.00000°, δ77.00000°, λ=22.00000°. NP2±0.105.00000°, s68.00000°, λ=166.00000°. Principal axes: T 2.6300, Plg6.0000°, Azm9.0000°; N 0.0600, Plg63.0000°, Azm162.0000°; P -2.6900, Plg25.0000°, Azm326.0000°;

ISC 28 04:43:41.3±0.3, 36.63S±108.11066W±0.06, h10km, n562, ±155/440, mb5.1/121, MS5.2/166, 1C-1D, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, RPN Rapa Nui, PTCN Pitcairn Islan, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Las Campanas, etc.

PLCA Paso Flores 31.39 110 P P 04 50 00.9 -1.4

PLCA Paso Flores 31.39 110 P P 04 50 09.2 -1.0

PLCA Paso Flores 31.39 110 P P 04 50 04.6 +2.2

LCO Las Campanas 34.24 89 eP P 04 50 28.0 +0.4

LCO Las Campanas 34.24 89 eP P 04 50 28.0 +0.4

TBI Tubuai 35.88 281 eS S 04 56 15.3 -4.1

TBI Tubuai 35.88 281 eS S 04 56 15.3 -4.1

TRQA Toruqust 38.38 107 eP P 04 51 03.3 +0.7

TRQA Toruqust 38.38 107 eP P 04 51 03.3 +0.7

TAE Nuku Hiva Isla 38.48 309 eS S 04 56 53.3 -6.0

TAE Nuku Hiva Isla 38.48 309 eS S 04 56 53.3 -6.0

TAE Nuku Hiva Isla 38.48 309 eS S 04 56 53.3 -6.0

TAE Nuku Hiva Isla 38.48 309 eS S 04 56 53.3 -6.0

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TAE Nuku Hiva Isla 38.48 309 eS S 04 56 53.3 -6.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAA Sanae, SNAA Sanae, LNIQ Linares, etc.

SNAA Sanae 60.95 160 P P 04 53 53.3 -0.8

SNAA Sanae 60.95 160 P P 04 53 51.6 -2.5

LNIQ Linares 62.10 12 eP P 04 54 01.8 -0.5

MTDJ Mount Denham 62.89 36 PFAKE LR 04 54 20.0 +1.2

MTDJ Mount Denham 62.89 36 PFAKE LR 04 54 20.0 +1.2

KVTX Kingsville 64.95 13 PFAKE LR 04 54 30.0 +9.0

KVTX Kingsville 64.95 13 PFAKE LR 04 54 30.0 +9.0

833A Chaparral WMA 65.47 11 P P 04 54 25.4 +1.0

GTBY Guantanamo Bay 65.51 37 PFAKE LR 04 54 40.0 +1.5

GTBY Guantanamo Bay 65.51 37 PFAKE LR 04 54 40.0 +1.5

TX31 Lajitas Arr. Si 65.94 7 eP P 04 54 27.7 +0.2

TXAR Lajitas Array 65.94 7 eP P 04 54 27.2 -0.3

TXAR Lajitas Array 65.94 7 eP P 04 54 27.2 -0.3

TXAR Lajitas Array 65.94 7 eP P 04 54 27.2 -0.3

TXAR Lajitas Array 65.94 7 eP P 04 54 27.2 -0.3

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TXAR Lajitas Array 65.94 7 eP P 04 54 27.2 -0.3

28d 4h

Table with columns: Call Sign, Name, Comp, Az, El, Dist, Mode, and other details. Includes entries like DZM Mont Dzumac, Z42A Norrel Spur, 249A Camden, etc.

2012 JAN

Table with columns: Call Sign, Name, Comp, Az, El, Dist, Mode, and other details. Includes entries like RCBR Riachuelo, T35A McClaskey Farm, U39A Green Forest, etc.

1354

Table with columns: Call Sign, Name, Comp, Az, El, Dist, Mode, and other details. Includes entries like R42A Luebbering, Q38A Cooks Store, P34A Walnut Farm, etc.

MCMT	McKenzie Canyon	81.10	358	eP	P	04 55 59.1	+2.4
JFWS	Jewell Farm	81.32	15	PFAKE	LR	04 56 10.0	+12
BMO	comp=Z,696nm,21.0s	81.33	355	eP	P	04 55 59.7	+2.0
BMO	Blue Mountains			LR	LR		
RLMT	Red Lodge	81.38	1	PFAKE	LR	04 56 10.0	+12
K42A	Prairie Point,	81.39	16	P	P	04 55 58.4	+0.6
J39A	Decorah	81.44	14	P	P	04 55 58.6	+0.5
H32A	Carlson Farm,	81.64	10	P	P	04 56 00.1	+0.9
I37A	Lemond, Waseca	81.78	12	P	P	04 56 01.4	+1.5
BOZ	Bozeman (W)	81.85	359	PFAKE	LR	04 56 10.0	+10
G08A	Pilot Rock	81.89	354	eP	P	04 56 02.6	+2.0
J42A	Columbus	81.95	16	P	P	04 56 02.0	+1.2
I39A	Houston	81.97	14	P	P	04 56 02.0	+1.1
I38A	Scanlan Farm,	82.00	13	P	P	04 56 02.3	+1.3
G05D	Wamic, OR	82.06	352	P	P	04 56 03.1	+1.7
PLIO	Pelee Island,	82.11	21	P	P	04 56 02.6	+0.9
N54A	Moraine State	82.18	23	P	P	04 56 03.7	+1.6
I40A	Norwalk	82.18	14	P	P	04 56 02.9	+0.9
H35A	Sunnyside Ranc	82.21	11	P	P	04 56 03.5	+1.3
AAM	Ann Arbor	82.23	20	P	P	04 56 03.8	+0.9
AAM	Ann Arbor	82.23	20	eP	P	04 56 03.3	+0.4
H37A	Dierke Farm, C	82.42	13	P	P	04 56 04.6	+1.4
F10A	Beach Ranch, E	82.44	355	eP	P	04 56 09.2	+5.7
I41A	Arkdale	82.50	15	P	P	04 56 04.8	+1.1
H38A	Maiden Rock	82.62	13	P	P	04 56 05.4	+1.1
G35A	Watkins	82.77	11	P	P	04 56 06.3	+1.2
M54A	Oil Creek Stat	82.78	23	P	P	04 56 06.0	+0.7
H39A	Augusta	82.81	14	P	P	04 56 06.5	+1.2
G36A	St. Michael	82.91	12	P	P	04 56 07.0	+1.2
H40A	Chili	82.93	14	P	P	04 56 06.9	+1.0
LAO	LASA Array	83.03	3	PFAKE	LR	04 56 20.0	+14
F36A	Milaca	83.55	12	P	P	04 56 10.2	+1.1
G40A	Rib Lake	83.59	14	P	P	04 56 10.2	+0.9
ELFO	Elginfield	83.82	21	P	P	04 56 11.0	+0.5
HNR	Honiara	83.97	263	LR	LR	05 27 20.7	
HNR	Honiara	83.97	263	PFAKE	LR	04 56 20.0	+7.9
STKA	Stephens Creek	84.05	235	LR	LR	05 27 35.4	
JTMT	Jette	84.06	358	eP	P	04 56 14.2	+2.4
F40A	Park Falls	84.23	14	P	P	04 56 12.6	0.0
M41A	Three Lakes	84.26	15	P	P	04 56 13.5	+0.7
EGMT	Eagleton	84.28	1	PFAKE	LR	04 56 20.0	+7.1
C09A	Chrisman Ranch	84.33	355	eP	P	04 56 14.5	+1.5
NLWA	Neilton Looko	84.48	351	PFAKE	LR	04 56 30.0	+16
ACTO	Action	84.57	22	P	P	04 56 14.9	+0.6
COWI	Conover	84.60	15	eP	P	04 56 14.6	+0.1
COWI	Binghamton	84.60	25	PFAKE	LR	04 56 30.0	+15
D35A	Remer	84.65	11	P	P	04 56 15.8	+1.2
NEW	Newport	84.71	356	P	P	04 56 16.3	+1.3
NEW	Newport	84.71	356	eP	P	04 56 16.7	+1.7
NEW	Newport	84.71	356	eP	P	04 56 16.3	+1.3
BWLO	Walerton	84.72	21	P	P	04 56 16.0	+0.9
DGMT	Dagmar	84.92	4	PFAKE	LR	04 56 30.0	+14
E41A	Kenton	84.98	15	P	P	04 56 17.5	+1.1
C35A	Jirik Farms, M	85.27	11	P	P	04 56 18.3	+0.5
C36A	Pine Crest Far	85.51	12	P	P	04 56 19.9	+0.9
AGMN	Agassiz Nation	85.57	10	P	P	04 56 20.1	+0.8
AGMN	Agassiz Nation	85.57	10	eP	P	04 56 23.9	+4.7
C37A	Embarrass	85.59	12	P	P	04 56 19.9	+0.6
TOBO	Tobermory, Bru	85.62	20	P	P	04 56 21.0	+1.5
EYMN	Ely	85.92	13	P	P	04 56 21.5	+0.5
EYMN	Ely	85.92	13	eP	P	04 56 19.8	-1.2
B34A	Aery, Baudette	85.93	11	P	P	04 56 21.7	+0.7
B35A	Bob, Littlefor	85.95	11	P	P	04 56 21.9	+0.8
A33A	Warroad	86.27	10	P	P	04 56 23.4	+0.8
LONV	Lake Ozonia	87.22	25	PFAKE	LR	04 56 40.0	+13
ULM	Lac du Bonnet	87.48	9	P	P	04 56 32.7	+4.2
CTA	Charters Tower	88.19	246	LR	LR	05 31 03.2	
CTAO	Charters Tower	88.19	246	PFAKE	LR	04 56 40.0	+7.1
ASCN	Ascension	90.34	100	PFAKE	LR	04 56 50.0	+6.9
FFC	Flin Flon	91.29	5	PFAKE	LR	04 57 00.0	+14
PMG	Port Moresby	94.07	255	LR	LR	05 31 02.9	
PMG	Port Moresby	94.07	255	PFAKE	LR	04 57 10.0	+10

WRAK	Wrangell Island	94.50	348	PFAKE	LR	04 57 10.0	+8.9
ASAR	Alice Springs	94.57	236	P	P	04 57 00.6	-1.9
ASAR	comp=Z,1.7nm,0.9s,baz=139,slow=3.6,SNR=4.1			LR	LR	05 35 43.2	
H11S2	WAKE ISLAND Hy 95.13 289			T	T	06 42 39.5	
H11S1	WAKE ISLAND Hy 95.14 289			T	T	06 42 35.4	
H11S3	WAKE ISLAND Hy 95.14 289			T	T	06 42 34.1	
H11N3	WAKE ISLAND Hy 95.70 290			T	T	06 43 21.3	
H11N1	WAKE ISLAND Hy 95.72 290			T	T	06 43 19.7	
H11N2	WAKE ISLAND Hy 95.72 290			T	T	06 43 20.8	
SACV	Santiago Islan	96.46	76	PFAKE	LR	04 57 20.0	+8.9
WRAB	Tennant Creek	96.80	239	PFAKE	LR	04 57 20.0	+7.3
WRA	Warraminga Arr	96.80	239	LR	LR	05 37 20.8	
H01W1	Cape Leeuwin H 97.52 216			T	T	06 46 21.1	
H01W2	Cape Leeuwin H 97.52 216			T	T	06 46 21.7	
H01W3	Cape Leeuwin H 97.53 216			T	T	06 46 22.8	
NWAO	Narrogin (SRO)	97.60	219	PFAKE	LR	04 57 30.0	+14
SCHO	Schefferville	98.55	24	LR	LR	05 36 48.5	
YKA	Yellowknife Ar	98.83	358	P	Pdf	04 57 21.1	+0.6
KDAK	Kodiak Island	100.43	339	PFAKE	LR	04 57 40.0	+12
COLA	College	105.28	344	PFAKE	LR	05 02 10.0	
MBWA	Marble Bar	105.40	228	PFAKE	LR	05 02 20.0	
TSUM	Tsumeb	106.05	129	PFAKE	LR	05 02 20.0	
LSZ	Lusaka	115.41	135	PFAKE	LR	05 02 30.0	+6.0
KAPI	Kappang	117.33	240	PFAKE	LR	05 02 40.0	+12
DAV	Davao City (W)	121.09	254	PFAKE	LR	05 02 50.0	+15
MTE	Manteigas	121.53	61	PFAKE	LR	05 02 50.0	+15
PAB	San Pablo	123.46	63	PFAKE	LR	05 02 50.0	+11
ESDC	Sonsec Array	123.79	63	PKP	PKPdf	05 02 38.5	-0.8
TAM	Tamanrasset	123.81	85	ePKPdf	PKPdf	05 02 40.3	+0.4
ERM	Erimo	124.28	300	PFAKE	LR	05 02 50.0	+10
MAJO	Matsushiro	125.85	292	PFAKE	LR	05 02 50.0	+6.7
KKM	Kota Kinabalu	127.52	246	PFAKE	LR	05 03 00.0	+13
MBAR	Mbarara	128.50	127	PFAKE	LR	05 03 00.0	+11
ESK	Eskdalemuir	128.71	44	PFAKE	LR	05 03 00.0	+12
SSB	Saint Sauveur	131.49	59	PFAKE	LR	05 03 10.0	+16
KBS	Kingsbay	131.81	13	PFAKE	LR	05 03 00.0	+6.7
KMBO	Kilima Mbogo	132.05	134	PFAKE	LR	05 03 10.0	+14
BNI	Bardonecchia	132.91	59	PFAKE	LR	05 03 10.0	+13
WLF	Walferdange	133.42	53	ePKPdf	PKPdf	05 02 57.6	+0.5
VSL	Villasalto	133.46	67	PFAKE	LR	05 03 10.0	+12
TIXI	Tiksi	133.84	338	PFAKE	LR	05 03 10.0	+13
YHNB	Yeheng	134.17	270	PFAKE	LR	05 03 10.0	+11
TATO	Taipei	134.22	271	PFAKE	LR	05 03 10.0	+11
MUDJ	Mudanjiang	134.50	300	PFAKE	LR	05 03 10.0	+11
BFO	Black Forest	134.63	55	PFAKE	LR	05 03 10.0	+10
INCN	Inchon	134.89	289	PFAKE	LR	05 03 10.0	+10
TUE	Stuetta	135.02	58	PFAKE	LR	05 03 10.0	+9.4
VLC	Villacollemand	135.32	61	PFAKE	LR	05 03 10.0	+9.1
YAK	Yakutsk	135.36	324	PFAKE	LR	05 03 10.0	+10
CLTB	Caltabellotta	135.81	71	PFAKE	LR	05 03 10.0	+7.8
DGAR	Diego Garcia	136.10	184	PFAKE	LR	05 03 10.0	+6.7
WDD	Wied Dalam	136.29	74	PFAKE	LR	05 03 10.0	+7.0
GRFO	Grafenberg	136.69	54	ePKPdf	PKPdf	05 03 04.6	+1.3
MSEY	Mahe Island	136.92	160	PFAKE	LR	05 03 20.0	+15
AQU	L'Aquila	137.11	64	PFAKE	LR	05 03 20.0	+16
CN2	Changchun	137.27	298	ePKP	PKPdf	05 03 03.5	-1.0
KULM	Kulim	137.63	231	ePKPdf	PKPdf	05 03 08.3	+2.2
CLL	Collim	137.93	51	ePKPdf	PKPdf	05 03 08.0	+2.5
CUC	Castrocuco	138.39	68	PFAKE	LR	05 03 20.0	+13
TIP	Timpagrande	138.91	70	PFAKE	LR	05 03 20.0	+12
NJ2	Nanjing	139.22	279	ePKP	PKPdf	05 03 12.0	+3.5
QIZ	Qiongzong	140.46	255	PFAKE	LR	05 03 20.0	+8.9

VYHS	Vyhne	141.62	56	ePKP	PKPdf	05 03 14.6	+2.3
TIR	Tirane	141.67	67	PFAKE	LR	05 03 20.0	+7.3
HIA	Hailar	141.69	305	PFAKE	LR	05 03 20.0	+7.5
PSZ	Piszkesteto	142.31	57	PFAKE	LR	05 03 30.0	+16
KECS	Kecevo	142.72	56	ePKP	PKPdf	05 03 16.4	+2.1
LVZ	Lovozero	143.15	21	PFAKE	LR	05 03 30.0	+15
FINES	FINES Array B	143.36	33	PKHP	PKPpre	05 03 10.8	
BJT	Bajitatuau	143.43	290	PFAKE	LR	05 03 30.0	+14
SANT	Santorini	144.96	77	PFAKE	LR	05 03 30.0	+11
ENH	Enshi	146.09	271	ePKPbc	PKPdf	05 03 20.5	-0.3
MLR	Muntele Rosu	146.45	61	PKPbc	PKPdf	05 03 19.5	-1.5
GYA	Guiyang	146.79	263	ePKPbc	PKPbc	05 03 24.3	+0.3
HHC	Hu-ho-hao-te	147.03	29.0	ePKPbc	PKPbc	05 03 23.8	-0.4
XAN	Xi'an	147.76	277	PKPbc	PKPbc	05 03 25.3	-1.1
KIEV	Kiev	148.16	51	ePKPbc	PKPbc	05 03 25.5	-1.3

28d 4h

Table with columns: KSH, comp, PKP, PKPdf, 05 03 54.0, +2.9, etc.

NEIC 28 04:46:23.4.1.7, 19.25N, 121.21E, h19km, mb5.1/68, Error ellipse: s-maj=4.8km s-min=3.3km az=98.0

MOS 28 04:46:23.4.0.9, 19.24N, 121.29E, h33km, mb5.1/68, MS4.9/21, Error ellipse: s-maj=7.8km s-min=4.7km az=105.2

GCMT 28 04:46:23.4.0.2, 19.44N, 120.87E, h33km, MW5.4/101, Moment Tensor Solution, s97, c153, s101, c186; Duration: 1s2 Moment tensor: Scale 10^17Nm

MAN 28 04:46:24.3.0.8, 19.36N, 120.98E, h26km, mb5.4, ML4.4, MS5.0, ISCJB 28 04:46:24.3.0.8, 19.36N, 120.98E, h26km, mb5.4, ML4.4, MS5.0

BJJ 28 04:46:24.1, 19.56N, 120.87E, h10km, mb4.6/65, mb5.2/56, MS5.0/74, MS7.4/8/69

IDC 28 04:46:25.6.1.5, 19.25N, 121.30E, h36km, mb4.5/40, mb1.4/5.43, mb1mx4.4/5.65, mbtpm4.7/43, ML4.5/3, MS6.6/25, Ms1.4/7.25, ms1mx4.4/5.69, Error ellipse: s-maj=11.6km s-min=7.8km az=77.0

KLM 28 04:46:30.0, 19.48N, 120.88E, h78km, mb5.2, ISC 28 04:46:25.8.0.5, 19.22N, 120.02E, h34km, mb5.1, km, 4.436, s19.94/49.7, mb4.9/165, MS4.8/55, 32C-22D,

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC, etc.

2012 JAN

Main table with columns: NJ2, comp, LR, LR, 13.96 201, 13.96 201, etc.

1356

Table with columns: CMAR, Chiang Mai Arr, 21.03 272eP, P, Pmax, 04 51 07.8 +1.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Panska Ves, Paradox Valley, Wupatki, etc.

ISCJB 28 05:31:17.5 ± 1.1, 37.57N; 144.60E, h0km, mb3.67, mb1.3/8, mb1mx3.6/4, mbtmpp3.6/8, ML3.6/1, MS4.2/2, MS1.4/2.2, ms1mx3.1/4.4, Error ellipse: s-maj=29.6km s-min=23.3km az=83.0

ISCJB 28 05:31:20.7 ± 0.7, 37.88N; 0.044-144.26E; 0.05, h33km, mb3.5/7, MS4.2/2, Error ellipse: s-maj=5.8km s-min=5.1km az=22.3

JMA 28 05:31:22.1 ± 0.1, 37.92N; 144.13E, h31km, M3.8, ISC 28 05:31:22.6 ± 0.1, 37.89N; 0.06-144.30E; 0.07, h35km, n30, s1975/43, mb3.5/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ, Oufunato, JIO, Ouri, etc.

ISCJB 28 05:31:40.5 ± 0.2, 47.98N; 0.01-7.20E; 0.01, h70km, 2km, Error ellipse: s-maj=1.8km s-min=1.4km az=170.2

CSEM 28 05:31:41.5 ± 0.1, 47.97N; 7.21E, h15km, ML2.8/38, Error ellipse: s-maj=1.7km s-min=1.3km az=164.0

ZUR 28 05:31:42.3 ± 0.3, 47.97N; 7.26E, h10km, 4km, ML2.6/5, LDG 28 05:31:42.6 ± 0.0, 47.98N; 7.25E, h7km, Md3.1/5, ML2.9/38, Error ellipse: s-maj=0.9km s-min=0.7km az=160.0

STR 28 05:31:42.5 ± 0.3, 48.1N; 2.2 ± 0.2, h10km, 5km, MLV3.0/4, BGR 28 05:31:43.0 ± 0.4, 48.00N; 7.26E, h10km, ML2.6/9, Error ellipse: s-maj=4.4km s-min=2.2km az=72.0

PRU 28 05:31:51.5 ± 0.5, 48.10N; 7.75E, h0km, ISC 28 05:31:42.4 ± 0.1, 47.98N; 0.01-7.228E; 0.010, h17km, 4km, n216, s1960/368, 11C-10, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Molkenrain, MOF, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOF, Molkenrain, ECH, Echery, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WILA, Wila, TUBL, Tuebingen-Lenn, etc.

28d 6h

SSF	Saint Saulge	2.69 251	ePg	Pg	05 32 33.1	-0.7
SSF	2.6nm,0.2s		eSn	Sn	05 32 34.0	-2.9
SSF	19nm,0.3s		eSg	Sg	05 33 06.9	-1.7
SSF	Saint Saulge	2.69 251	ePn	Pn	05 32 24.6	-0.2
SSF	Saint Saulge	2.69 251	ePg	Pg	05 32 33.1	-0.7
SSF			eSn	Sn	05 32 34.0	-2.9
SSF	1.3nm,0.2s		eSg	Sg	05 33 06.9	-1.7
MOTA	Moosalm	2.70 102	Pn	Pn	05 32 26.5	+1.4
MOTA	Moosalm	2.70 102	Pg	Pg	05 32 32.9	-1.1
MOTA			Sg	Sg	05 33 06.6	-2.4
MOTA	Moosalm	2.70 102	ePn	Pn	05 32 26.5	+1.4
MOTA	Moosalm	2.70 102	ePg	Pg	05 32 32.9	-1.1
MOTA			eSg	Sg	05 33 06.6	-2.4
FUR	Furstenfeldbru	2.72 85	ePg	Pg	05 32 34.5	0.0
FUR			eSg	Sg	05 33 09.2	-0.6
FUR	Furstenfeldbru	2.72 85	Pg	Pg	05 32 34.5	0.0
FUR			Sg	Sg	05 33 09.2	-0.6
BAIF	BAIF	2.88 317	ePn	Pn	05 32 27.5	+0.2
BAIF	BAIF	2.88 317	ePb	Pb	05 32 29.4	+2.1
BAIF	BAIF	2.88 317	ePg	Pg	05 32 35.8	+2.7
BAIF	BAIF	2.88 317	eSn	Sn	05 33 02.1	+0.6
BAIF			eSg	Sg	05 33 13.3	-1.4
BAIF	BAIF	2.88 317	ePn	Pn	05 32 27.5	+0.2
BAIF	BAIF	2.88 317	ePb	Pb	05 32 29.4	+2.1
BAIF	BAIF	2.88 317	ePg	Pg	05 32 35.8	+2.7
BAIF	BAIF	2.88 317	eSn	Sn	05 33 02.1	+0.6
BAIF			eSg	Sg	05 33 13.3	-1.4
AVF	Avril sur Loir	2.89 247	ePn	Pn	05 32 27.1	-0.5
AVF	Avril sur Loir	2.89 247	ePg	Pg	05 32 36.8	+0.9
AVF			eSg	Sg	05 33 13.3	-1.9
AVF	Avril sur Loir	2.89 247	ePn	Pn	05 32 27.1	-0.5
AVF	Avril sur Loir	2.89 247	ePg	Pg	05 32 36.8	+0.9
AVF			eSg	Sg	05 33 13.3	-1.9
GRA1	Grafenberg Arr	3.14 56	Pg	Pg	05 32 41.7	-0.9
GRA1			Sg	Sg	05 33 20.7	-2.6
GRF	Grafenberg Arr	3.14 56	ePg	Pg	05 32 41.7	-0.9
GRF			eSg	Sg	05 33 20.7	-2.6
HYF	Humbigny	3.18 259	ePn	Pn	05 32 31.9	+0.3
HYF	Humbigny	3.18 259	ePb	Pb	05 32 35.1	+3.5
HYF	Humbigny	3.18 259	ePg	Pg	05 32 42.8	-0.6
HYF	Humbigny	3.18 259	eSn	Sn	05 33 09.2	-0.2
HYF	Humbigny	3.18 259	eSg	Sg	05 33 22.2	-2.4
HYF	Humbigny	3.18 259	ePn	Pn	05 32 31.9	+0.3
HYF	Humbigny	3.18 259	ePb	Pb	05 32 35.1	+3.5
HYF	Humbigny	3.18 259	ePg	Pg	05 32 42.8	-0.6
HYF	Humbigny	3.18 259	eSn	Sn	05 33 09.2	-0.2
HYF	Humbigny	3.18 259	eSg	Sg	05 33 22.2	-2.4
ORIF	Oris-en-Rattie	3.21 197	ePn	Pn	05 32 31.8	-0.2
ORIF	Oris-en-Rattie	3.21 197	ePg	Pg	05 32 43.0	+0.8
ORIF			eSg	Sg	05 33 22.6	-2.7
ORIF	Oris-en-Rattie	3.21 197	ePn	Pn	05 32 31.8	-0.2
ORIF	Oris-en-Rattie	3.21 197	ePg	Pg	05 32 43.0	+0.8
ORIF			eSg	Sg	05 33 22.6	-2.7
MBDF	Montbardon	3.27 186	ePg	Pb	05 32 43.1	+3.1
MBDF			eSg	Sg	05 33 24.6	-2.9
MBDF	Montbardon	3.27 186	ePg	Pb	05 32 43.1	+3.1
MBDF			eSg	Sg	05 33 24.6	-2.9
BGF	Bois d'Agland	3.31 246	ePn	Pn	05 32 33.5	+0.2
BGF	Bois d'Agland	3.31 246	ePb	Pb	05 32 36.8	+3.3
BGF	Bois d'Agland	3.31 246	ePg	Pg	05 32 44.1	+1.2
BGF	Bois d'Agland	3.31 246	eSg	Sg	05 33 26.9	-1.6
BGF	Bois d'Agland	3.31 246	ePn	Pn	05 32 33.5	+0.2
BGF	Bois d'Agland	3.31 246	ePb	Pb	05 32 36.8	+3.3
BGF	Bois d'Agland	3.31 246	ePg	Pg	05 32 44.1	+1.2
BGF	Bois d'Agland	3.31 246	eSg	Sg	05 33 26.9	-1.6
VIVF	Saint-Julien-I	3.59 210	ePn	Pn	05 32 36.5	-0.8
VIVF	Saint-Julien-I	3.59 210	ePg	Pg	05 32 50.1	-1.1
VIVF			eSg	Sb	05 33 17.9	-1.4
VIVF	Saint-Julien-I	3.59 210	ePn	Pn	05 32 36.5	-0.8
VIVF	Saint-Julien-I	3.59 210	ePg	Pg	05 32 50.1	-1.1
VIVF			eSg	Sb	05 33 17.9	-1.4
VIVF	Saint-Julien-I	3.59 210	ePn	Pn	05 32 36.5	-0.8
VIVF	Saint-Julien-I	3.59 210	ePg	Pg	05 32 50.1	-1.1
VIVF			eSg	Sb	05 33 17.9	-1.4
TCF	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TCF	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TCF			eSg	Sg	05 33 23.7	-1.2
TCF	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TCF	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TCF			eSg	Sg	05 33 23.7	-1.2
TCF	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TCF	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TCF			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.5
TKC	Toulx Ste Croi	3.82 246	ePg	Pg	05 32 53.8	-1.7
TKC			eSg	Sg	05 33 23.7	-1.2
TKC	Toulx Ste Croi	3.82 246	ePn	Pn	05 32 40.9	+0.

MEX 28 06:10:31.5:0.6, 14.92N-93.17W, h68km±11km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG, HANI, COMITAN, etc.

CSEM 28 06:17:39.0:1.38, 17N-40:80E, h12km, MD2.6, Error ellipse: s-maj=5.8km s-min=2.6km az=24.0

ISK 28 06:17:39.0:3.11, 17N-40:76E, h19km, ML2.8, DDA 28 06:17:39.0:3.15, 18N-40:76E, h7km, MD2.6, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HANI, BTMN, DIYABAKIR, etc.

CSEM 28 06:19:30.8:37.91N-26:77E, h11km, ML2.7, ISK 28 06:19:30.1, 37.91N-26:77E, h11km, ML2.7, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GMLD, KUSD, GCAM, etc.

ISC 28 06:23:44.0:2.1, 54.09N-86:38E, h0km, mb1 3.2/3, mb1mx3.0/7.4, mbtmp3.2/3, ML3.3/3, Error ellipse: s-maj=18.0km s-min=10.6km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, KURBB, etc.

ISK 28 06:27:38.1, 38.98N-43:71E, h5km, ML3.4, DDA 28 06:27:38.7, 38.98N-43:74E, h3km, ML3.5, Error ellipse: s-maj=5.0km s-min=3.7km az=132.0

ISC 28 06:27:40.4:1.3, 38.98N-43:71E, h0km, mb3.9km, n70, r135/88, 4C-11D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VMUR, CLDR, ERV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GEVA, IGD, BASK, etc.

NAX 28 06:29:25.0:0.0, 52.2N-177.46W, h0km, mb4.0/4, Error ellipse: s-maj=38.5km s-min=21.4km az=2.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SBZ, EAK, SRMT, etc.

ISC 28 06:32:25.0:2.1, 36:78N-141:58E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/5, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=44.2km s-min=28.8km az=58.0

ISC 28 06:32:26.2:1.36, 72N:05:14:43E, h0, h15km, gkm, mb3.4/4, Error ellipse: s-maj=11.2km s-min=7.0km az=22.1

JMA 28 06:32:28.0:4.1, 36:75N-141:28E, h31km, hkm, M3.0, ISC 28 06:32:26.5:2.5, 36:73N:05:14:31E, h0km, 14km, n20, r094/22, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ONAJ, JHO, JFK, etc.

ISC 28 06:44:41.8:2.0, 49.50S-117:06E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.7/2, mbtmp3.8/2, MS3.7/5, Ms1 3.7/5, ms1mx3.3/3, Error ellipse: s-maj=147.3km s-min=48.8km az=116.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H101W, H101H, H101G, etc.

ISC 28 06:44:41.8:2.0, 49.50S-117:06E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.7/2, mbtmp3.8/2, MS3.7/5, Ms1 3.7/5, ms1mx3.3/3, Error ellipse: s-maj=147.3km s-min=48.8km az=116.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H101W, H101H, H101G, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RES, KIRH, etc.

ISC 28 06:59:11.5:1.3, 51:187N-178:23W, h0km, mb3.8/7, mb1 4.2/8, mb1mx3.7/60, mbtmp4.0/8, ML4.4/1, Error ellipse: s-maj=38.5km s-min=21.4km az=2.0

ISC 28 06:59:27.0:0.5, 52:0N:02:177:46W, h0km, h113km, 5km, mb4.1/8, Error ellipse: s-maj=27.0km s-min=7.4km az=169.4

NEIC 28 06:59:29.6:0.0, 51:30N:177:38W, h99km, mb4.0/4, Error ellipse: s-maj=4.4km s-min=4.4km az=After ALEIC

ISC 28 06:59:27.3:0.7, 52:1N:02:177:46W, h0km, h104km, 7km, n43, r180/42, mb3.8/8, Andronof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KICM, TAPA, TAFP, etc.

NIED 28 07:11:00.3770N-142:30E, h38km, Mw4.5 Best double couple: M5.37000:1015 NP1:86.010000:826.00000, 1.105.00000, NP2:225.00000:865.00000, 1.83.00000

ISC 28 07:11:11.1, 1:1.0, 37:71N:03:142:45E, h0, h29km, 7km, mb4.5/10, MS3.8/10, Error ellipse: s-maj=5.0km s-min=3.5km az=155.4

Bull 28 07:11:11.0, 37:73N-142:60E, h44km, mb4.5/44, mb5.0/27, Ms4.3/19, Ms7.4/17

MOS 28 07:11:11.3, 1.1, 37:76N:142:38E, h32km, mb4.6/41, Error ellipse: s-maj=6.8km s-min=5.8km az=93.5

JMA 28 07:11:12.2, 0.1, 37:73N:142:37E, h37km, gkm, M4.4, JMA Feil 1

ISC 28 07:11:13.9, 1.9, 37:69N:142:40E, h44km, 18km, mb4.1/25, mb1 4.3/31, mb1mx4.2/53, mbtmp4.4/31, ML3.7/6, MS3.5/12, Ms1 3.5/12, ms1mx3.3/5, Error ellipse: s-maj=14.5km s-min=11.6km az=109.0

NEIC 28 07:11:37.7, 2N:142:35E, h38km, 5km, mb4.6/57, Error ellipse: s-maj=6.2km s-min=4.0km az=125.0

NEIC Recorded [1 JMA] in Fukushima and Miyagi. ISC 28 07:11:12.2, 0.5, 37:68N:044:142:55E, h0.04, h31km, 3km, h31km:pp-P, n221, r1976/24, mb4.5/106, MS3.9/11, 6C-SD, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JIO, JJK, JFM, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like Hachijo jima 2, Asahikawa, Yuzh-Kuril'sk, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like LZH, GYA, WMQ, ZAAO, ZALV, etc.

Table with columns for station code, name, time, and various status indicators. Includes stations like INK, WHY, WHY, SVE, ARU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SOKA Soboth, OBKA Obr, PPT Papeete, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JMA 28 07:14:46.5, JWC Junction City, etc.

NIED 28 07:14:00.24:20N:124:30E, h32km, Mw4.4 Best double couple: Ms5.12000x:1015 NP1.357.00000: 849.00000: ...

ISC/JB 28 07:14:54.0:0.3, 24:16N:0:03:124:27E:0.02, h48km, 2km, mb4.0/152, MS3.8/9, Error ellipse: s-maj=5.4km

Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like Ishigaki jima, Kuro-shima, Hateruma jima, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like GYA, XAN, XAN, XAN, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations like YAK Yakutsk, PEA08 Petropavlovsk, PETK Petropavlovsk, etc.

MIAR	Mount Ida	61.36 335	P	P	09 01 30.6	-0.5
MIAR	Mount Ida	61.36 335	eP	P	09 01 30.7	-0.4
MIAR	comp=Z,57nm,1.3s		pmax	pmax		
MIAR	Mount Ida	61.36 335	eP	P	09 01 30.7	-0.4
W41B	Gary Mavity, V	61.40 336	P	P	09 01 30.5	-0.7
U44B	Burton Farm, H	61.43 339	P	P	09 01 30.8	-0.7
X301	Greenbrier Sit	61.52 336	eP	P	09 01 31.9	-0.1
X301	comp=Z,16nm,0.7s		ePcP	PcP	09 02 12.8	+1.0
WHAR	Woolly Hollow	61.52 336	eP	P	09 01 31.8	-0.3
X39A	Fountain Ranch	61.55 334	P	P	09 01 32.4	+0.1
SNAA	Sanae	61.57 161	P	P	09 01 32.5	+0.4
SNAA	Sanae	61.57 161	eP	P	09 01 32.6	+0.5
SNAA	comp=Z,14nm,0.8s		pmax	pmax		
SNAA	Sanae	61.57 161	eP	P	09 01 32.5	+0.5
T46A	Princeton	61.60 341	P	P	09 01 32.0	-0.6
SLBS	Sierra La Luja	61.62 314	eP	P	09 01 34.5	+1.4
SLBS	comp=Z,100nm,1.7s		ePcP	PcP	09 02 14.4	+1.8
S48A	Wiedeman Farm,	61.64 343	P	P	09 01 31.2	-1.6
V42A	Cord	61.65 337	P	P	09 01 31.8	-1.2
U44A	Portageville	61.69 339	P	P	09 01 32.8	-0.3
Y37A	Hugo	61.71 333	P	P	09 01 34.0	+0.6
W40A	Ferguson Farm,	61.73 336	P	P	09 01 33.6	+0.1
W40A	Ferguson Farm,	61.73 336	eP	P	09 01 33.7	+0.2
U43A	Recto	61.81 334	P	P	09 01 33.6	-0.3
T45A	Paducah	61.82 340	P	P	09 01 33.1	-1.0
PARMO	Parma	61.85 339	eP	P	09 01 34.4	+0.1
MVL	Millersville	61.87 352	eP	P	09 01 34.6	+0.3
MVL	comp=Z,67nm,1.6s		ePcP	PcP	09 02 13.8	+0.7
TXAR	Lajitas Array	61.89 323	P	P	09 01 34.8	0.0
TX31	Lajitas Ar. Si	61.89 323	eP	P	09 01 34.3	-0.5
V41A	Mountainview	61.91 337	P	P	09 01 33.7	-1.0
Y36A	Durant	61.93 332	P	P	09 01 35.4	+0.6
X38A	Whitesboro	61.98 334	P	P	09 01 35.6	+0.4
W39A	Magazine	62.01 335	P	P	09 01 35.5	+0.1
U42A	Revendens	62.08 338	P	P	09 01 35.0	-0.8
MCWV	Mont Chateau	62.10 348	eP	P	09 01 36.2	+0.4
X37A	Clayton	62.13 333	eP	P	09 01 35.8	-0.4
X37A	Clayton	62.13 333	eP	P	09 01 36.1	-0.1
S46A	Don Dixon Farm	62.14 341	P	P	09 01 34.7	-1.4
V44A	Witts Springs	62.18 336	P	P	09 01 35.6	-0.9
T40A	Benton	62.19 339	P	P	09 01 35.5	-1.0
PBMO	Poplar Bluff	62.19 339	eP	P	09 01 35.9	-0.5
W38A	Poteau	62.20 334	P	P	09 01 36.9	+0.3
WCI	Wyandotte Cave	62.24 343	P	P	09 01 35.7	-1.1
WCI	Wyandotte Cave	62.24 343	eP	P	09 01 35.5	-1.3
WCI	comp=Z,23nm,0.6s		pmax	pmax		
WCI	Wyandotte Cave	62.24 343	eP	P	09 01 35.5	-1.3
Y35A	Marietta	62.27 332	P	P	09 01 37.2	+0.1
R48A	Northridge Ran	62.28 343	P	P	09 01 35.9	-1.2
BRNJ	Basking Ridge	62.32 353	eP	P	09 01 37.9	+0.6
U41A	Viola	62.32 337	P	P	09 01 36.5	-0.9
R47A	Woolly Knot Far	62.37 342	P	P	09 01 36.7	-1.0
ABTX	Ablene, Hawle	62.41 329	P	P	09 01 37.8	-0.3
ABTX	Ablene, Hawle	62.41 329	eP	P	09 01 38.0	-0.1
ABTX	Greenville	62.41 339	ePcP	PcP	09 02 16.6	+1.0
V39A	Pettigrew	62.52 335	P	P	09 01 37.4	-0.5
X36A	Centrahoma	62.53 333	P	P	09 01 38.5	-0.3
PAL	Palisades	62.57 354	eP	P	09 01 39.6	+0.7
PAL	comp=Z,98nm,1.6s		pmax	pmax		
PAL	Palisades	62.57 354	eP	P	09 01 39.6	+0.7
R46A	Gibson Southern	62.57 342	P	P	09 01 37.7	-1.3
S44A	Carbondale	62.63 340	P	P	09 01 38.6	-0.8
W37B	Quinton	62.63 334	P	P	09 01 39.7	+0.2
W37B	Quinton	62.63 334	eP	P	09 01 39.7	+0.2
SIUC	Southern Illin	62.64 340	eP	P	09 01 39.3	-0.2
T42A	Van Buren	62.64 338	P	P	09 01 38.9	-0.6
X35A	Drake	62.66 332	P	P	09 01 39.0	-0.7
X35A	Drake	62.66 332	eP	P	09 01 39.4	-0.2
U40A	Yellville	62.68 336	P	P	09 01 38.9	-0.8
N59A	State Game Lan	62.69 352	eP	P	09 01 40.2	+0.5
SSPA	Standing Stone	62.72 350	eP	P	09 01 39.8	-0.1
ODNJ	Ogdensburg	62.72 353	eP	P	09 01 41.3	+1.4
S43A	Fulton Ridge,	62.79 339	P	P	09 01 39.2	-1.2
V38A	Canehill	62.84 335	P	P	09 01 40.2	-0.7
R45A	Skyilar, Fairri	62.88 341	P	P	09 01 39.4	-1.6
T41A	Mountain View	62.89 338	P	P	09 01 40.4	-0.7
Q47A	Bedord North L	62.94 343	P	P	09 01 40.2	-1.2
U39A	Green Forest	62.94 336	P	P	09 01 40.8	-0.7
W36A	Wetumka	62.96 333	P	P	09 01 41.1	-0.6
W36A	Wetumka	62.96 333	eP	P	09 01 41.3	-0.4
HHAR	Hobbs	63.02 335	eP	P	09 01 41.8	-0.3
R44A	Waltonville	63.08 340	P	P	09 01 41.5	-0.9
V37A	Hulbert	63.15 334	P	P	09 01 42.4	-0.5
BLO	Bloomington	63.18 343	eP	P	09 01 42.1	-0.9
BLO	comp=Z,38nm,0.6s		pmax	pmax		
BLO	Bloomington	63.18 343	eP	P	09 01 42.1	-0.9
S42A	Caledonia	63.21 339	P	P	09 01 42.0	-1.2
OLIL	Olney	63.23 341	eP	P	09 01 42.0	-1.4
W35A	Tecumseh	63.25 332	P	P	09 01 42.6	-1.0

W35A	Tecumseh	63.25 332	eP	P	09 01 43.2	-0.3
T40A	Mansfield	63.26 337	P	P	09 01 42.7	-0.9
FVM	French Village	63.28 339	eP	P	09 01 43.0	-0.7
FVM	comp=Z,38nm,0.7s		pmax	pmax		
FVM	French Village	63.28 339	eP	P	09 01 43.0	-0.7
BRVW	Bryant College	63.28 356	eP	P	09 01 40.4	+0.0
U38A	Gravette	63.34 335	P	P	09 01 43.6	-0.5
S41A	Jillico Farms,	63.37 338	P	P	09 01 43.6	-0.8
R43A	Red Bud	63.38 340	P	P	09 01 43.9	-0.5
N54A	Moraine State	63.39 349	P	P	09 01 43.6	-0.7
N54A	Moraine State	63.39 349	eP	P	09 01 44.6	+0.2
Q45A	Warren Harvey,	63.39 341	P	P	09 01 43.2	-1.2
V36A	Jenks	63.40 334	P	P	09 01 44.2	-0.3
V36A	Jenks	63.40 334	eP	P	09 01 45.1	+0.6
P47A	Mansfield	63.41 343	P	P	09 01 43.2	-1.2
TUL1	Leonard	63.44 334	P	P	09 01 44.5	-0.3
TUL1	Leonard	63.44 334	eP	P	09 01 44.9	+0.1
T39A	Cleaver	63.46 336	P	P	09 01 44.2	-0.7
OK022	N3560 Road, Pr	63.49 333	eP	P	09 01 44.6	-0.5
OK021	N3530 Road, Sp	63.57 333	eP	P	09 01 45.4	-0.2
OK020	N3440 Road, Me	63.58 333	eP	P	09 01 45.3	-0.4
U37A	Salina	63.60 335	P	P	09 01 45.7	-0.1
CCM	Cathedral Cave	63.62 338	P	P	09 01 45.0	-0.8
CCM	Cathedral Cave	63.62 338	e	P	09 02 20.8	
CCM	comp=Z,52nm,0.6s		pmax	pmax		
CCM	Cathedral Cave	63.62 338	eP	P	09 01 45.1	-0.8
CCM	comp=Z,52nm,0.6s		ePcP	PcP	09 02 20.8	+0.5
S40A	Lebanon	63.65 337	P	P	09 01 45.4	-0.7
R42A	Luebbering	63.67 339	P	P	09 01 45.3	-0.9
WMOK	Wichita Mounta	63.75 331	P	P	09 01 46.1	-0.7
WMOK	Wichita Mounta	63.75 331	eP	P	09 01 46.3	-0.5
WMOK	comp=Z,23nm,1.4s		pmax	pmax		
WMOK	Wichita Mounta	63.75 331	eP	P	09 01 46.3	-0.5
V35A	Meyer Ranch, C	63.75 333	P	P	09 01 46.5	-0.4
V35A	Meyer Ranch, C	63.75 333	eP	P	09 01 46.4	-0.4
P46A	Rosedale	63.79 342	P	P	09 01 45.4	-1.1
T38A	Diamond	63.82 336	P	P	09 01 46.8	-0.4
U36A	Oologah	63.83 334	P	P	09 01 47.0	-0.3
P45A	Greeland, Par	63.86 342	P	P	09 01 45.7	-1.7
M54A	Oil Creek Stat	63.86 349	P	P	09 01 47.1	-0.3
M54A	Oil Creek Stat	63.86 349	eP	P	09 01 47.1	-0.3
HRV	Adam Dzewonski	63.87 356	eP	P	09 01 47.7	+0.3
HRV	comp=Z,95nm,1.4s		pmax	pmax		
HRV	Adam Dzewonski	63.87 356	eP	P	09 01 47.7	+0.3
R41A	Rosebud	63.88 338	P	P	09 01 46.6	-1.0
BINY	Binghamton	63.98 352	eP	P	09 01 48.1	-0.2
S39A	Bolivar	64.03 337	P	P	09 01 47.8	-0.8
P44A	Sand Creek, Wi	64.06 341	P	P	09 01 47.3	-1.4
O47A	Sheridan	64.08 343	P	P	09 01 47.4	-1.5
ALLY	Alegheny Cole	64.08 349	eP	P	09 01 48.8	-0.1
T37A	Cheyeville 18	64.14 335	P	P	09 01 48.9	-0.5
Q42A	Golden Eagle	64.15 339	P	P	09 01 48.4	-1.0
R40A	Madison Stratio	64.18 338	P	P	09 01 48.7	-0.8
S38A	Stockton	64.20 336	P	P	09 01 49.2	-0.5
U35A	Pawnee	64.23 333	P	P	09 01 50.0	0.0
U35A	Pawnee	64.23 333	eP	P	09 01 49.8	-0.1
Q41A	Truxton	64.23 339	P	P	09 01 50.1	-1.0
SFIN	Lafayette	64.27 343	P	P	09 01 49.9	-1.5
SFIN	Lafayette	64.27 343	eP	P	09 01 49.9	-1.5
T36A	Goggs Farm, Ca	64.27 334	P	P	09 01 51.2	-0.3
R39A	Chumby, Stover	64.28 337	P	P	09 01 51.1	-0.4
P43A	Skaggs, Pawnee	64.29 341	P	P	09 01 50.1	-1.5
ERPA	Erie	64.51 349	eP	P	09 01 51.5	-0.2
O45A	Potomac	64.52 342	P	P	09 01 50.2	-1.5
T35A	Sooner Cattle	64.60 334	P	P	09 01 52.3	-0.1
MNTX	Cornudas Mount	64.64 324	P	P	09 01 52.1	-0.7
MNTX	Cornudas Mount	64.64 324	eP	P	09 01 52.3	-0.5
O44A	Mansfield	64.65 342	P	P	09 01 51.2	-1.3
S37A	Fort Scott	64.66 336	P	P	09 01 52.2	-0.5
PLIO	Pelee Island,	64.67 347	P	P	09 01 51.9	-0.8
R38A	Fenwick Farm,	64.68 336	P	P	09 01 52.3	-0.5
P42A	Winchester	64.70 340	P	P	09 01 52.0	-0.9
Q40A	Laux Farm, Aux	64.75 338	P	P	09 01 52.3	-0.9
MMNV	Mt. Morris Dam	64.77 351	eP	P	09 01 53.1	-0.1
N46A	Monticello	64.85 343	P	P	09 01 52.5	-1.3
ACCN	Adirondack Com	64.90 354	eP	P	09 01 54.3	+0.2
S36A	Lake Cedric, C	64.93 335	P	P	09 01 54.3	-0.3
T34A	McClaskey Farm	64.97 333	P	P	09 01 54.5	-0.2
P41A	Barry, Barry	65.02 339	P	P	09 01 53.4	-1.6
MSTX	Muleshoe	65.04 327	P	P	09 01 54.8	-0.6
MSTX	Muleshoe	65.04 327	eP	P	09 01 55.4	0.0
Q39A	Willow Grove F	65.11 338	P	P	09 01 54.9	-0.7
HNH	Hanover	65.11 355	eP	P	09 01 55.8	+0.4
N44A	Piper City	65.14 342	P	P	09 01 55.3	-0.4
R37A	Teagarden Farm	65.14 336	P	P	09 01 55.3	-0.5
O42A	Bath	65.17 340	P	P	09 01 54.9	-1.0

S35A	Otter Creek Ra	65.18 334	P	P	09 01 55.8	-0.3
U32A	Winter Ranch,	65.21 332	P	P	09 01 56.1	-0.3
P40A	Paris	65.22 339	P	P	09 01 55.2	-1.0
AMTX	Amarillo	65.23 329	P	P	09 01 56.1	-0.5
AMTX	Amarillo	65.23 329	eP	P	09 01 56.2	-0.3
Q38A	C					

Table with columns: ANMO, Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like Albuquerque, Jewell Farm, and various other locations.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like Loretta, Wickenburg, H35A, and various other locations.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like BFSC, K22A, SHPR, and various other locations.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MLAC Mammoth, PMOR Pomariorio, IMW Indian Meadow, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like YBH Yreka Blue Hor, BOSA Boshof, BOSA Boshof, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ASAR comp=Z,0.5nm,0.8s, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CMAR Chiang Mai Arr, XAN Xian, CD2 Chengdu, etc.

ISC/JB 28 08:58:06.1±0.6, 50.28N±0.04, 18.73E±0.03, h0km, Error ellipse: s-maj=5.5km s-min=2.7km az=4.5

CSEM 28 08:58:06.5±0.3, 50.31N±0.18, 18.78E, h1km, Error ellipse: s-maj=6.6km s-min=3.3km az=12.0

PRU 28 08:58:07.8±0.3, 50.32N±0.18, 18.73E, h0km

WAR 28 08:58:07.4±0.3, 50.32N±0.18, 18.75E, h1km, Mw2.5

ISC 28 08:58:06.9±0.0, 50.24N±0.04, 18.75E±0.02, h0km, n27, c#060/46, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CHZP Chorow, OKC Ostrava-Krasne, OJC Ojcow, etc.

TEH 28 09:03:25.4±0.9, 29.87N±53.22E, h8km, ML3.3

ISC/JB 28 09:03:26.6±0.4, 29.75N±0.03, 53.26E±0.04, h10km, Error ellipse: s-maj=5.4km s-min=4.0km az=152.8

CSEM 28 09:03:27.4±0.3, 29.82N±53.20E, h10km, ML3.0, Error ellipse: s-maj=11.1km s-min=6.7km az=63.0

OMAN 28 09:03:30.3±1.6, 29.66N±53.48E, h8km, Error ellipse: s-maj=62.1km s-min=12.5km az=65.0

ISC 28 09:03:27.1±1.0, 29.83N±0.05, 53.23E±0.05, h10km, n31, c#122/44, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ISRV Sarvestan, SHI Shiraz, GHIR Ghir-Karzin, etc.

TAP 28 09:03:42.8±2.3, 00N±122.80E, h95km, 1km, ML3.5, C

ISC 28 09:03:40.9±1.2, 23.09N±0.06, 122.86E±0.04, h20km±7km, n36, c#061/61, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HATJ Hateruma jima, JYNG Yonagunijimaku, etc.

CSEM 28 09:21:25.2±0.9, 41.00N±20.15E, h2km, ML2.3, Error ellipse: s-maj=18.7km s-min=6.5km az=18.0

SKO 28 09:21:25.1±1.1, 40.52N±20.13E, h7km

BEO 28 09:21:26.6±0.8, 41.05N±20.17E, h0km, M2.3/8

PDG 28 09:21:26.4±0.2, 41.14N±20.16E, h5km, ML2.5/8, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0

ISC 28 09:21:24.0±1.6, 41.00N±0.07, 20.16E±0.03, h1km±11km, n51, c#092/83, 14C-GD, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TIR Tirane, OHR Ohrid, BIA Bitola, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BEY Berane, IVA Berane, HCY Herceg Novi, etc.

ISC/JB 28 09:25:12.5±1.3, 28.03N±0.07, 87.19E±0.05, h4km, 11km, mb3.5/6, Error ellipse: s-maj=13.8km s-min=4.8km az=25.6

DMN 28 09:25:12.0±0.3, 28.12N±87.29E, h10km, M4.6/5, Error ellipse: s-maj=12.6±1.5, 27.91N±87.02E, h0km, mb3.7/6, mb1.3/7.7, mb1mx3.4/59, mbtm3.6/7, ML3.5/1, Error ellipse: s-maj=55.6km s-min=21.3km az=62.0

ISC 28 09:25:13.8±1.6, 28.07N±0.07, 87.21E±0.04, h1km±11km, n20, c#154/29, mb3.7/6, 1C, Xiangzhang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TAPN Taplejung, JIRN Jiri, GUN Gumba, etc.

ISC/JB 28 09:28:48.9±0.5, 49.85N±0.04, 18.49E±0.03, h0km, Error ellipse: s-maj=5.8km s-min=2.8km az=5.9

CSEM 28 09:28:49.7±0.3, 49.85N±18.49E, h1km, ML2.5/4, Error ellipse: s-maj=6.8km s-min=3.2km az=6.0

IPEC 28 09:28:50.0±0.2, 49.84N±18.57E, h2km±4km, ML1.5/3, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0

PRU 28 09:28:50.8±0.8, 49.85N±18.48E, h0km, n22, c#069/39, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OKC Ostrava-Krasne, MOR Moravsky Berou, OJC Ojcow, etc.

Table with 4 columns: KHC, Kasperke Hory, 3.31 260, Pg, Pb, 09 29 50.5 +0.9, 09 30 34.9 -1.4

ISCJB 28 09:31:53.7:0.9, 15.0S:0.1:72.8W:0.1, h101km, mb3.6/3, Error ellipse: s-maj=21.5km s-min=7.7km az=37.1

ISC 28 09:31:53.2:2.6, 15.17S:72.95W, h67km, mb3.5/3, mb1 4.0/7, mb1mx3.6/3, mbtmp4.1/7, Error ellipse: s-maj=29.6km s-min=17.0km az=27.0

ISC 28 09:31:56.0:0.9, 15.05S:0.1:72.9W:0.1, h101km, n10, +f188/11, mb3.5/3, Central Peru

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 28 09:32:03.0:2.9, 3.64S:135.32E, h0km, mb3.3/1, mb1 4.0/4, mb1mx3.5/4, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=103.8km s-min=29.2km az=84.0, Irian Jaya region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 28 09:45:49.2:1.1, 44.04N:0.08:147.3E:0.1, h92km, 8km, Error ellipse: s-maj=17.1km s-min=6.8km az=136.9

MOS 28 09:45:49.9:0.1, 44.03N:147.34E, h70km, mb4.1/1, Error ellipse: s-maj=38.7km s-min=23.2km az=162.8

JMA 28 09:45:50.7:0.3, 43.88N:147.29E, h85km, M3.4, SKHL 28 09:45:50.4:0.2, 44.00N:147.34E, h89km, 3km, mb4.8/3, msh5.8/3

ISC 28 09:45:49.5:2.0, 44.02N:0.08:147.34E:0.09, h90km, 11km, n21, +f056/37, 3C-10, Kuril Islands

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 28 10:42:32.4:3.4, 29.26S:177.25W, h66km, 13km, mb3.5/2, mb1 3.8/2, mb1mx3.3/2, mbtmp3.8/2, MS4.0/1, Ms1 4.0/1, ms1mx2.7/2.1, Error ellipse: s-maj=137.6km s-min=35.7km az=166.0, Kermadec Islands

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 28 10:43:19.9:0.6, 45.97N:0.05:144.6E:0.1, h334km, mb3.2/9, Error ellipse: s-maj=12.4km s-min=6.5km az=177.1

ISC 28 10:43:21.9:1.6, 46.06N:144.43E, h336km, 28km, mb3.0/9, mb1 3.0/12, mb1mx2.9/65, mbtmp3.7/12, Error ellipse: s-maj=47.0km s-min=21.1km az=164.0

JMA 28 10:43:22.3:0.4, 45.84N:144.57E, h334km, M4.0, ISC 28 10:43:20.9:0.8, 45.81N:0.07:144.5E:0.1, h334km, n26, +f179/32, mb3.2/9, Hokkaido region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 28 10:01:45.9:2.5, 54.18N:87.33E, h0km, mb1 3.4/3, mb1mx3.0/62, mbtmp3.4/3, ML3.3/3, Error ellipse: s-maj=22.9km s-min=16.7km az=57.0, Southwestern

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 28 10:15:16.6:0.6, 50.25N:0.04:19.20E:0.03, h0km, Error ellipse: s-maj=6.2km s-min=2.6km az=19.3

CSEM 28 10:15:16.2:0.4, 50.28N:19.24E, h2km, Error ellipse: s-maj=8.4km s-min=3.3km az=10.0

PRU 28 10:15:17.1, 50.26N:19.32E, h0km, WAR 28 10:15:17.0, 50.27N:19.25E, h1km, Mw2.5

ISC 28 10:15:17.0:0.8, 50.16N:0.04:19.23E:0.02, h0km, n28, +f058/47, Poland

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 28 10:15:17.0:0.8, 50.16N:0.04:19.23E:0.02, h0km, n28, +f058/47, Poland

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 28 10:42:32.4:3.4, 29.26S:177.25W, h66km, 13km, mb3.5/2, mb1 3.8/2, mb1mx3.3/2, mbtmp3.8/2, MS4.0/1, Ms1 4.0/1, ms1mx2.7/2.1, Error ellipse: s-maj=137.6km s-min=35.7km az=166.0, Kermadec Islands

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 28 10:43:19.9:0.6, 45.97N:0.05:144.6E:0.1, h334km, mb3.2/9, Error ellipse: s-maj=12.4km s-min=6.5km az=177.1

ISC 28 10:43:21.9:1.6, 46.06N:144.43E, h336km, 28km, mb3.0/9, mb1 3.0/12, mb1mx2.9/65, mbtmp3.7/12, Error ellipse: s-maj=47.0km s-min=21.1km az=164.0

JMA 28 10:43:22.3:0.4, 45.84N:144.57E, h334km, M4.0, ISC 28 10:43:20.9:0.8, 45.81N:0.07:144.5E:0.1, h334km, n26, +f179/32, mb3.2/9, Hokkaido region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 28 10:01:45.9:2.5, 54.18N:87.33E, h0km, mb1 3.4/3, mb1mx3.0/62, mbtmp3.4/3, ML3.3/3, Error ellipse: s-maj=22.9km s-min=16.7km az=57.0, Southwestern

Table with 10 columns: RES, Resolute Bay, 53.54 17 P, P, 10 52 06.0 -1.4

BUI 28 10:50:51.1, 36.48N:24.61E, h13km, mb4.7/38, mb5.1/24, Error ellipse: s-maj=4.9km s-min=2.1km az=19.0

ISK 28 10:50:53.0, 36.07N:24.96E, h11km, ML4.7, HLW 28 10:50:54.7, 36.14N:25.28E, h33km, 33km, M4.8

MOS 28 10:50:54.8:1.7, 35.98N:25.10E, h23km, mb4.7/28, Error ellipse: s-maj=6.1km s-min=3.2km az=96.8

ATH 28 10:50:54.5, 36.06N:25.02E, h31km, 1km, ML4.9/10, Error ellipse: s-maj=1.2km s-min=0.5km az=64.0

CSEM 28 10:50:55.6:0.1, 36.05N:25.03E, h20km, mb4.7/26, Error ellipse: s-maj=2.6km s-min=2.1km az=19.0

NEIC 28 10:50:55.0:0.3, 36.05N:25.04E, h15km, mb4.5/27, ML4.7(7HE), After THE

PDG 28 10:50:55.1:0.8, 36.08N:25.01E, h17km, 1km, ML4.5/13, Error ellipse: s-maj=0.9km s-min=0.9km az=90.0

ISCJB 28 10:50:56.0:0.2, 36.02N:0.01:25.04E:0.01, h29km, 2km, mb4.5/75, MS3.9/33, Error ellipse: s-maj=2.1km s-min=1.8km az=37.6

ISC 28 10:50:55.4:2.6, 36.04N:25.00E, h25km, 17km, mb4.2/27, mb1 4.2/32, mb1mx4.2/54, mbtmp4.3/32, ML3.7/5, MS3.8/38, Ms1 3.8/38, ms1mx3.7/54, Error ellipse: s-maj=11.7km s-min=9.4km az=118.0

THE 28 10:50:55.5, 36.05N:25.04E, h15km, ML4.7/16, Error ellipse: s-maj=0.7km s-min=0.2km az=69.0

GII 28 10:51:01.8:0.0, 35.75N:25.50E, h30km, DD 28 10:51:05.9, 36.85N:25.79E, h27km, M4.5

ISC 28 10:50:56.3:0.6, 36.04N:0.02:25.04E:0.02, h24km, 4km, n759, +f189/864, mb4.7/75, MS3.9/34, 37C-14D, Dodecanese Islands

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

MHLO Agia Marina, M, 0.83 322 P, P, 10 51 09.9 -0.9

MHLO Agia Marina, M, 0.83 322 P, P, 10 51 09.8 -2.3

MHLO Agia Marina, M, 0.83 322 P, P, 10 51 22.3 -0.6

MHLO Agia Marina, M, 0.83 322 P, P, 10 51 22.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 12.1 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 24.1 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 24.7 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 25.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 25.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 26.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 26.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 27.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 27.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 28.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 28.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 29.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 29.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 30.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 30.8 -0.1

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 31.3 -0.6

MHLA Plaka, Milos I, 0.87 325 P, P, 10 51 31.8 -0.1

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Mount Meron Ar, Monte Sant'Ang, Bani Suef, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AKASG, AKASG, AKASG, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BFO, BFO, CLL, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKTO, ARU, TOAO, TORO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TIXI, LZH, SCH, BOS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DCZ, PYZ, WHZ, etc.

ZALV Zalesovo Beam 72.57 329 P P 11 53 43.5 -0.5
ILAR Eielson Array 84.78 24 P P 11 54 49.9 -1.1

ATH 28 11:47:20.8, 37:39N-20:44E, h15km, 1km, ML3, 1/8, Error ellipse: s-maj=2.2km s-min=0.8km az=68.0
CSEM 28 11:47:20.8, 0.3, 37:38N-20:44E, h2km, ML3, 1, Error ellipse: s-maj=5.9km s-min=2.5km az=60.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Anninata, Valsamata, Kyparissia, etc.

BUI 28 12:18:46.6, 43:86N-108:84E, h7km, ML3, 6/4
ISCJB 28 12:18:47.4, 0.9, 43:58N-107:109E, 0.1, h10km, mb3.2/3, Error ellipse: s-maj=16.7km s-min=5.7km az=145.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Batout, Hu-ho-hao-te, Songino Array, etc.

ISCJB 28 12:21:25.2, 0.6, 36:03N-0:03-25:00E, 0.04, h6km, 7km, Error ellipse: s-maj=5.3km s-min=4.2km az=41.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Santorini-Faro, Thira Island, etc.

ISCJB 28 12:21:25.3, 1.0, 36:04N-0:02-24:99E, 0.03, h13km, gkm, n45, 0:41/65, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Santorini-Faro, Thira Island, etc.

ISCJB 28 12:29:45.6, 57.0, 47:06N-48:04E, h0km, Error ellipse: s-maj=216.0km s-min=142.5km az=43.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AKTYUBINSK INF, DUBNA INFRASO, etc.

MEX 28 12:25:27.8, 0.7, 14:82N-93:21W, h54km, 16km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PCIG, CCIG, TGIG, etc.

CSEM 28 12:27:29.3, 37:51N-36:86E, h7km, ML2.3
ISK 28 12:27:29.3, 37:51N-36:86E, h7km, ML2.3, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kahramanmaras, Gaziantep, etc.

TIF 28 12:28:57.6, 40:04N-42:54E, h9km, 3km
DDA 28 12:28:58.4, 40:07N-42:57E, h7km, ML3.3
CSEM 28 12:28:58.5, 0.1, 40:09N-42:57E, h2km, ML3.3, Error ellipse: s-maj=4.1km s-min=3.0km az=80.0

ISC 28 12:28:58.0, 40:10N-42:64E, h5km, MD3.1, ML3.2
ISC 28 12:28:58.6, 1.1, 40:09N-0:02-42:59E, 0.02, h5km, 12km, n53, 0:84/68, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EATA, ELESKIRT, SENKA, etc.

ISC 28 12:29:45.6, 57.0, 47:06N-48:04E, h0km, Error ellipse: s-maj=216.0km s-min=142.5km az=43.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AKTYUBINSK INF, DUBNA INFRASO, etc.

CSEM 28 12:32:38.9, 0.3, 36:62N-34:10E, h2km, ML2.3, Error ellipse: s-maj=1.1km s-min=5.8km az=137.0

ISC 28 12:32:38.0, 36:56N-34:09E, h5km, ML2.5
DDA 28 12:32:38.2, 36:57N-34:16E, h6km, ML2.3
ISC 28 12:32:38.8, 1.2, 36:58N-0:05-34:16E, 0.05, h4km, 11km, n15, 0:66/26, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Mersin, Silifke-Mersin, etc.

ISC 28 12:32:48.4, 0.9, 16:72N-146:07E, h0km, mb3.6/8, mb1 3.9/8, mb1mx3.6/39, mbtmpp3.6/8, Error ellipse: s-maj=31.4km s-min=21.0km az=114.0

ISCJB 28 12:32:51.7, 0.8, 16:77N-0:1:146:0E, 0.2, h33km, mb3.5/8, Error ellipse: s-maj=28.3km s-min=19.2km az=17.6

ISC 28 12:32:53.7, 1.0, 16:77N-0:2:146:1E, 0.2, h35km, n8, 0:70/8, mb3.7/8, Mariana Islands

28d 12h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, MOY, BILL, etc.

2012 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UTHA, KURK, KURB, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WHY, WHY, SVE, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like M04C Macdoel, K05A Summer Lake, G0F Goifskoye, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MARD Mardin, DUG Dugway, DUG Dugway, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PRU Pruhoice, M40A Mesa Verde, TREC Trest, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like S42A Caledonia, V39A Pettigrew, U40A Yellville, T41A Mountain View, etc.

IDC 28 12:53:47.8-0.6, 311°05'179.25W, h0km, mb3.4/2, mb1 3.6/2, mb1mx3.5/21, mbtmp3.4/2, Error ellipse: s-maj=238.2km s-min=59.4km az=156.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, FINES FINESS Array B.

DJA 28 13:09:13.6-0.6, 5.6°S, 137°06'E, h188km, 6km, M3.6/7, MLV3.6/7

IDC 28 13:09:27.8-11.0, 5.55S, 129.72E, h375km, 140km, mb2.4/1, mb1 3.2/4, mb1mx2.7/34, mbtmp3.9/4, Error ellipse: s-maj=84.4km s-min=50.6km az=55.0

IDC 28 13:09:12.3-1.6, 4.95S, 0.2-129.9E, 0.2, h200km, n11, r1617, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI Bandanaira, MSAI Masohi, AAI Ambon, etc.

IDC 28 13:18:57.6-1.9, 49.58S, 117.68E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.8/25, mbtmp3.9/3, MS3.4/1, MS1 3.4/1, ms1mx2.9/17, Error ellipse: s-maj=62.2km s-min=48.4km az=110.0

IDC 28 13:18:59.0-1.9, 49.83S, 0.3-117.9E, 0.4, h12km, n10, r0947, mb3.9/3, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

IDC 28 13:39:18.0-3.1, 49.69S, 118.25E, h0km, mb3.7/2, mb1 4.1/3, mb1mx3.8/16, mbtmp4.0/3, ML2.0/1, MS3.8/3, MS1 3.8/3, ms1mx3.2/31, Error ellipse: s-maj=129.3km s-min=48.6km az=97.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISCJB 28 13:44:18.8-0.6, 37.50N, 0.04-27.27E, 0.10, h12km, Error ellipse: s-maj=11.3km s-min=4.8km az=168.9

CSEM 28 13:44:18.7-0.4, 37.49N, 27.33E, h5km, ML2.6, Error ellipse: s-maj=14.2km s-min=8.6km az=67.6

DDA 28 13:44:18.4, 37.49N, 27.11E, h7km, ML2.5

ISK 28 13:44:18.0, 37.49N, 27.30E, h6km, ML2.6

ISC 28 13:44:18.4-0.9, 37.49N, 0.03-27.35E, 0.06, h12km, n19, r091233, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GCAM G?zelcami?, BDRM Kayabasi, AYDN Tasuluk, etc.

MEX 28 13:59:51.1-0.5, 14.85N, 93.20W, h78km, 9km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG Cape Leeuwin H, PCIG Comitan, CCIG, TGIG, etc.

IDC 28 14:00:11.1-2.1, 49.60S, 117.58E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.8/33, mbtmp3.9/4, MS3.7/8, MS1 3.6/8, ms1mx3.3/32, Error ellipse: s-maj=57.9km s-min=46.9km az=145.0

ISC 28 14:00:12.5-2.4, 49.75S, 0.4-117.6E, 0.3, h12km, n17, r0556.6, mb4.0/4, MS3.6/7, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

NWAO Narrogin (SRO) 16.75 359 LR comp=2.770m, 20.3s, baz=78, slow=31

STKA Stephens Creek 25.54 P 3.4km, 1.0s, baz=233, slow=12, SNR=4.7

ASAR Alice Springs 28.94 S 4.0mm, 0.9s, baz=199, slow=7.4, SNR=13

FITZ Fitzroy Crossi 32.16 LR comp=2.143m, 18.8s, baz=201, slow=34

MAW Mawson 32.22 216 LR comp=2.129m, 20.8s, baz=194, slow=34

VNDA Vanda 32.50 64 LR comp=2.157m, 18.5s, baz=144, slow=32

WRA Warrungarra Arr 32.54 30 P 1.6mm, 0.8s, baz=201, slow=8.4, SNR=7.1

PMG Port Moresby 47.08 LR comp=2.767m, 18.9s, baz=226, slow=36

H0S2 Diego Garcia H 56.31 302 T 1.5mm, 0.9s, baz=176, SNR=11

H0S1 Diego Garcia H 56.32 302 T 1.5mm, 0.9s, baz=176, SNR=11

H0S3 Diego Garcia H 56.33 302 T 1.5mm, 0.9s, baz=176, SNR=11

CMAR Chiang Mai Arr 69.83 341 P 0.9mm, 0.6s, baz=186, slow=5.7, SNR=4.3

PDAR Pinedale Array 147.09 84 PKPbc 0.3mm, 0.6s, baz=209, slow=4.8, SNR=3.8

YKA Yellowknife Arr 149.11 46 PKPbc 0.6mm, 0.7s, baz=277, slow=2.2, SNR=13

IDC 28 14:03:31.1-6.5, 1.56N, 126.36E, h33km, 50km, mb4.1/18, mb1 4.2/19, mb1mx4.0/41, mbtmp4.2/19, ML3.9/1, MS3.2/2, MS1 3.2/2, ms1mx2.6/43, Error ellipse: s-maj=20.7km s-min=11.7km az=71.0

ISCJB 28 14:03:32.4-0.5, 1.58N, 0.04-126.51E, 0.05, h67km, 5km, mb4.3/30, Error ellipse: s-maj=8.4km s-min=5.2km az=145.5

NEIC 28 14:03:32.8-1.1, 1.53N, 126.41E, h54km, 11km, mb4.6/13, Error ellipse: s-maj=12.7km s-min=6.7km az=54.0

DJA 28 14:03:33.0-2.7, 1.52N, 12.7E, h57km, 49km, M4.5/11, mb4.9/2, mb4.6/6, ML4.4/11, MW(m)B4.2/2

ISC 28 14:03:33.2-1.0, 1.59N, 0.06-126.53E, 0.07, h56km, 9km, n67, r1437/4, mb4.4/30, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, SGSI Sangihe, LBMI Labuha, etc.

WRA Warrungarra Arr 22.73 161 P 12m, 0.4s, baz=340, slow=11, SNR=88

WB2 Warrungarra Arr 22.73 161 P 20m, 0.3s, baz=340, slow=11, SNR=88

AS31 Alice Springs 26.11 164 eP 3.1mm, 0.4s

ASAR Alice Springs 26.11 164 P 2.7mm, 0.6s, baz=342, slow=6.9, SNR=82

PSI Prapat 27.61 273 P 0.4mm, 0.4s, baz=352, slow=2.2, SNR=4.5

CTA Charters Tower 28.95 139 P 24m, 0.5s, baz=321, slow=13, SNR=3.3

CMAR Chiang Mai Arr 31.83 304 P 0.5mm, 0.6s, baz=99, slow=5.8, SNR=3.8

CHTO Chiang Mai 32.00 304 eP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH Enshi, HNR Honiara, KSAR Wonju Array B, STKA Stephens Creek, etc.

IDC 28 14:17:36.1-0.5, 5.24N, 94.28E, h0km, mb4.5/33, mb1 4.5/34, mb1mx4.4/58, mbtmp4.5/34, ML3.9/1, MS3.8/13, MS1 3.8/13, ms1mx3.5/52, Error ellipse: s-maj=14.7km s-min=11.6km az=37.0

BUI 28 14:17:37.6, 5.03N, 94.19E, h30km, mb4.8/46, mb4.8/27, MS4.3/18, MS7.4/0/18

MOS 28 14:17:39.0, 0.9, 5.18N, 94.23E, h33km, mb5.0/29, MS4.4/4, Error ellipse: s-maj=10.0km s-min=5.9km az=110.2

DJA 28 14:17:40.8, 1.3, 5.5N, 9.4E, h20km, 13km, M4.7/12, mb4.4/712, mb5.0/6, ML4.9/3, MW(m)B4.3/6

ISCJB 28 14:17:40.6, 0.6, 5.08N, 0.03-94.21E, 0.04, h51km, 6km, mb4.6/81, MS4.0/20, Error ellipse: s-maj=6.9km s-min=4.4km az=137.9

NEIC 28 14:17:41.2, 0.3, 5.16N, 94.20E, h35km, mb4.8/13, Error ellipse: s-maj=6.9km s-min=4.8km az=220.0

NEIC Felt at Banda Aceh

KLM 28 14:17:47.6, 5.05N, 94.55E, h67km, mb4.9

ISC 28 14:17:41.1-0.6, 5.19N, 0.05-94.19E, 0.04, h35km, 2km, h35km, n217, r1974/236, mb4.7/81, MS4.0/21, 17C-3D, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLSI Meulaboh, LHMI Lhok Sumawe, SINSI Sinabang, etc.

PALK	LR	LR	14 25 45.7		
comp-Z,663nm,19.8s,baz=116,slow=36					
KHON Khomkaen	13.94 37	P	14 21 05.7 +1.8		
CM31 Chiang Mai Arr	13.98 19	ePn	14 20 59.9 +3.1		
CMAR Chiang Mai	13.98 19	Pn	14 20 58.8 +2.0		
0.8nm,0.5s,baz=212,slow=14,SNR=2=1					
CMAR	LR	LR	14 26 05.6		
comp-Z,222nm,20.2s,baz=210,slow=37					
CMAR	ScP	ScP	14 29 49.6 +1.5		
0.2nm,0.3s,baz=233,slow=4.4,SNR=9					
CHTO Chiang Mai	14.31 19	P	14 21 06.0 -2.0		
232nm,0.9s,2um					
CHTO Chiang Mai	14.31 19	eP	14 21 01.3 -0.1		
CHTO Chiang Mai	14.31 19	ePn	14 21 01.3 -0.1		
CMMT Chiang Mai	14.31 19	P	14 21 05.9 -2.2		
51nm,0.9s,497nm					
PHRA Phrae	14.48 24	P	14 21 10.7 +0.8		
17nm,1.2s					
UBPT Khong Chiarn	14.95 47	P	14 21 16.5 +1.4		
35nm,0.8s					
SKNT Sakolnakhom	15.14 39	P	14 21 17.6 +0.4		
14nm,0.8s					
NONG Nongkai	15.50 34	P	14 21 22.1 +0.8		
70nm,0.8s,8um					
MDRS Chennai	15.82 30	eP	14 21 21.2 -0.1		
VIS Vishakhapatnam	16.36 320	eP	14 21 28.9 +0.6		
BRDH Bariadhala	17.55 352	LR	14 30 16.0		
comp-Z,399nm,19.0s,baz=178,slow=43					
HYB Hyderabad	19.54 310	P	14 22 09.0 +1.7		
HYB Hyderabad	19.54 310	eS	14 25 44.0 -0.8		
HYB Bokaro	20.15 337	eP	14 22 02.3 -3.6		
SHL Shillong	20.38 354	eP	14 22 14.5 0.0		
QIZ Qiongzong	20.55 47	P	14 22 12.9 -2.3		
comp-Z,14nm,0.9s					
QIZ	LR	LR			
comp-N,330nm,15.3s					
QIZ	LR	LR			
comp-E,360nm,16.7s					
QIZ	LR	LR			
comp-Z,370nm,19.6s					
KMI Kuningming	21.45 22	P	14 22 28.0 +1.3		
KMI KMI		pP	14 22 35.3 -0.7		
comp-Z,21nm,1.0s					
NGP Nagpur	21.61 319	eP	14 22 29.4 +1.1		
GOA Goa	22.47 299	eP	14 22 37.3 -0.2		
ODAN Odare	22.50 344	eP	14 22 37.3 -0.7		
RAMN Ramite	22.81 342	eP	14 22 41.4 0.0		
36nm,0.7s					
TAPN Talejlung	22.88 345	eP	14 22 40.6 -1.5		
JIN Jinchuan	23.60 342	eP	14 22 48.6 -0.8		
779nm,0.8s					
POO Poona	23.87 305	eP	14 22 51.9 +0.2		
DMN Daman	23.91 340	eP	14 22 52.4 +0.3		
GUN Gumba	23.93 342	eP	14 22 51.6 -0.9		
KKN Kakani	24.02 340	eP	14 22 52.9 -0.2		
25nm,0.8s					
BHPL Bhopal	24.15 320	eP	14 22 49.8 -4.4		
MYLDM Lahad Datu	24.21 89	IP	14 22 55.6 +0.8		
MYLDM Lahad Datu	24.21 89	eP	14 23 00.2 +5.4		
35nm,1.1s					
GYA Guiyang	24.28 28	IP	14 22 55.0 -0.4		
GYA		pP	14 23 08.3 -1.3		
GYA		PP	14 23 20.5 +8.8		
GYA		S	14 27 13.8 +1.6		
GYA		ScP	14 30 11.5 +0.3		
comp-Z,60nm,0.7s					
GYA		pmax			
comp-Z,140nm,5.2s					
GYA		LR			
comp-N,510nm,17.4s					
GYA		LR			
comp-E,470nm,17.8s					
GYA		LR			
comp-Z,490nm,17.9s					
LSA Lhasa	24.54 354	P	14 22 59.0 +0.8		
LSA		pmax			
comp-Z,17nm,0.6s					
LSA Lhasa	24.54 354	eP	14 22 58.1 -0.1		
LSA		pmax			
comp-Z,17nm,0.8s					
LSA Lhasa	24.54 354	eP	14 22 58.1 -0.1		
comp-Z,16nm,0.8s					
KOLN Koldanda	24.61 337	eP	14 22 59.2 +0.7		
comp-Z,62nm,0.7s					
DANN Dangsing	25.07 338	eP	14 23 03.7 +0.9		
H08S3 Diego Garcia H	25.12 240	T	14 48 57.0		
baz=60,slow=76,SNR=820					
H08S2 Diego Garcia H	25.12 240	T	14 48 56.9		
baz=60,slow=76,SNR=881					
H08S1 Diego Garcia H	25.14 240	T	14 48 56.4		
baz=60,slow=76,SNR=678					
PYUN Pluthan	25.14 336	eP	14 23 04.0 +0.7		
comp-Z,131nm,1.0s					
CD2 Chengdu	27.12 18	eP	14 23 23.3 +2.3		
CD2		pmax			
comp-Z,10.0nm,0.5s					
CD2		pmax			
comp-Z,120nm,5.0s					
ENH Enshi	28.22 28	eP	14 23 35.3 -0.9		
DDI Dehra Dun	29.26 331	eP	14 23 40.2 +0.1		
DDI		AMB	14 23 41.3		
comp-Z,11nm,0.7s					
SMLA Simla	30.35 330	eP	14 23 49.7 0.0		
WHN Wuhan	31.57 35	IP	14 24 01.0 +0.6		
WHN		pP	14 24 01.0 +0.6		
WHN		LR	14 24 08.3 -2.1		
DRHM DHARAMSHALA	31.69 330	eP	14 24 01.5 -0.3		
XAN Xi'an	31.80 24	P	14 24 01.3 -1.2		
XAN		pP	14 24 11.3 -1.2		
XAN		pP	14 24 15.0 -1.7		
XAN		sP	14 25 05.8 -1.8		
XAN		sP	14 29 06.0 -4.5		
XAN		sS	14 29 22.0 +0.2		
comp-Z,39nm,0.8s					
XAN		pmax			
comp-Z,80nm,3.8s					
XAN		LR			
comp-Z,300nm,13.6s					
XAN		LR			
comp-Z,190nm,13.6s					
XAN		LR			
comp-Z,310nm,16.3s					
LZH Lanzhou	32.00 15	eP	14 24 03.3 -1.1		
LZH		pP	14 24 13.5 -0.9		
LZH		sP	14 24 18.0 -0.6		
LZH		pPn	14 25 11.3 +1.0		
comp-Z,23nm,1.3s					
LZH		pmax			
comp-Z,78nm,5.4s					
LZH		LR			
comp-Z,380nm,13.2s					
LZH		LR			
comp-Z,360nm,13.5s					
LZH		LR			
comp-Z,430nm,17.0s					
GTA Gaotai	34.44 8	IP	14 24 24.8 -0.8		
GTA		pP	14 24 34.0 -1.7		
GTA		sP	14 24 38.0 -1.9		
GTA		PcP	14 27 02.0 +1.4		
GTA		S	14 29 51.5 -0.2		
GTA		sS	14 30 06.3 -2.0		
comp-Z,18nm,1.2s					
GTA		pmax			
comp-Z,68nm,5.9s					
GTA		LR			
comp-Z,120nm,16.2s					
GTA		LR			
comp-Z,140nm,17.1s					
GTA		LR			
comp-Z,130nm,18.5s					
NJ2 Nanjing	35.31 38	eP	14 24 33.5 +0.5		
NJ2		pmax			
comp-Z,22nm,0.9s					
TIA Tai'an	37.38 31	P	14 24 50.8 +0.1		
TIA		pmax			
comp-Z,14nm,0.7s					
KSH Kashi	37.93 337	P	14 24 54.3 -1.1		

KSH	pP	pP	14 25 03.5 -2.1		
KSH	PcP	PcP	14 27 10.0 -1.0		
KSH	S	S	14 30 41.5 -3.5		
KSH	PcS	PcS	14 31 00.0 +0.1		
KSH	ScS	ScS	14 33 18.8 -1.0		
KSH	pmax	pmax	14 35 00.5 -4.8		
comp-Z,3.0nm,0.7s					
KSH		pmax			
comp-Z,65nm,5.0s					
KSH	LR	LR			
comp-Z,94nm,4.4s					
KSH	LR	LR			
comp-Z,200nm,4.7s					
KSH	LR	LR			
comp-Z,130nm,5.0s					
FITZ Fitzroy Crossi	38.71 127	P	14 25 01.4 -0.7		
comp-Z,4.5nm,0.6s,baz=326,slow=6.1,SNR=8.4					
HHC Hu-ho-hao-te	38.77 21	eP	14 25 04.3 +1.8		
HHC		pmax			
comp-Z,15nm,0.9s					
HHC		pmax			
comp-Z,140nm,5.1s					
WMQ Urumqi	38.89 353	P	14 25 04.8 +1.4		
WMQ		pP	14 25 12.5 -1.1		
WMQ		sP	14 25 21.8 +4.1		
WMQ		pmax			
comp-Z,44nm,1.1s					
WMQ		pmax			
comp-Z,230nm,5.1s					
WMQ	LR	LR			
comp-Z,120nm,36.3s					
WMQ	LR	LR			
comp-Z,250nm,26.9s					
WMQ	LR	LR			
comp-Z,140nm,30.1s					
JOW Kunigami	38.98 53	LR	14 40 43.9		
comp-Z,185nm,21.7s,baz=282,slow=36					
SFK Sufi-Kurgan	39.36 335	P	14 25 07.8 +0.3		
SFK		pmax			
comp-Z,8.0nm,0.8s					
BJT Baijiatuu	39.93 27	eP	14 25 12.6 +0.6		
BJT		pmax			
comp-Z,15nm,0.9s					
BJT Baijiatuu	39.93 27	eP	14 25 12.6 +0.6		
BJT		P	14 25 12.6 +0.6		
comp-Z,14nm,0.9s					
BJI Beijing	39.95 27	P	14 25 12.8 +0.7		
BJI		pmax			
comp-Z,21nm,1.2s					
PDGK Podgornoye	40.14 343	P	14 25 14.5 +0.6		
PDGK		pmax			
comp-Z,9.0nm,1.2s					
UCH Ucho	40.82 338	P	14 25 21.2 +1.3		
JNR JNR=6.3					
KBK Karagaybulak	41.03 338	P	14 25 23.0 +1.8		
SNR=7.2					
AML Almayashu	41.06 337	P	14 25 22.9 +1.1		
SNR=1.9					
AAK Ala-Archa	41.18 338	P	14 25 24.0 +1.5		
comp-Z,2.7nm,0.7s,baz=217,slow=2.8,SNR=6.8					
AAK		PcP	14 27 23.0 +1.7		
comp-Z,2.4nm,0.7s,baz=153,slow=6.8,SNR=4.3					
AAK		LR	14 44 08.5		
comp-Z,147nm,20.5s,baz=205,slow=39					
AAK Ala-Archa	41.18 338	iP	14 25 22.9 +0.4		
AAK		pmax			
comp-Z,3.0nm,0.9s					
EKS2 Erkin-Say	41.47 337	P	14 25 26.5 +1.6		
SNR=7.9					
USP Ospanovka	41.72 338	P	14 25 27.9 +1.1		
SNR=7.9					
MK31 Makanchi Array	42.70 348	P	14 25 34.8 +0.1		
MK31		pmax			
comp-Z,15nm,0.8s					
MK31 Makanchi Array	42.70 348	eP	14 25 34.9 +0.3		
MK31		P	14 25 35.1 +0.5		
comp-Z,11nm,0.7s,baz=167,slow=8.2,SNR=146					
MKAR Makanchi	42.70 348	PcP	14 27 27.0 +1.0		
MKAR		PcP	14 27 27.0 +1.0		
comp-Z,1.5nm,0.7s,baz=158,slow=1.9,SNR=3.4					
MKAR Makanchi Array	42.70 348	LR	14 45 50.7		
comp-Z,122nm,21.7s,baz=214,slow=40					
MKAR Makanchi Array	42.70 348	eP	14 25 34.9 +0.3		
comp-Z,72nm,0.8s					
MKAR Makanchi	42.78 348	eP	14 25 35.5 +0.2		
MAKZ Makanchi	42.78 348	eP	14 25 35.5 +0.2		
MAKZ		pmax			
comp-Z,11nm,0.8s					
MAKZ Makanchi	42.78 348	eP	14 25 35.5 +0.2		
comp-Z,11nm,0.8s					
KKAR Karatay Array	43.17 335	eP	14 25 38.9 +0.3		
KKAR		pmax			
comp-Z,40nm,0.6s					
KKAR Karatay Array	43.17 335	eP	14 25 38.9 +0.3		
comp-Z,40nm,0.6s					
SONM Songino Array	43.76 12	P	1		

28d 15h

Table of astronomical observations for 28 days and 15 hours, listing station names, coordinates, and observation details.

2012 JAN

Table of astronomical observations for January 2012, listing station names, coordinates, and observation details.

1386

Table of astronomical observations for station 1386, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERV, VMUR, VMUR, etc.

ISCJ 28 16:42:30.7, 1.7, 38.86N, 141.33E, h62km, 17km, mb3.5/13, mb1.3/8.16, mb1mx3.5/5.1, mbtmp3.9/16, Error ellipse: s-maj=18.0km s-min=9.6km az=101.0

ISCJ 28 16:42:31.7, 0.4, 38.91N, 141.45E, h91km, 2km, mb3.7/14, Error ellipse: s-maj=8.8km s-min=4.7km az=26.1

JMA 28 16:42:32.38, 91N, 141.39E, h82km, 1km, M3.6 Broadband fault plane solution: P waves. NP1: q=1.36, 0.0000, 888.0000, A33.0000, NP2: q=4.4, 0.0000, 357.0000, 1.178.0000. Principal axes: T: Plg24.0000, Azm5.0000; N: Plg57.0000, Azm139.0000; P: Plg21.0000, Azm265.0000.

JMA Felt II J1. ISC 28 16:42:32.5, 0.7, 38.88N, 141.418E, h85km, 6km, n40, c1917/48, mb3.8/14, 5C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMK, JMK, OFUJ, OFUJ, etc.

ISCJ 28 16:49:17.5, 0.7, 14.0N, 0.1, 145.0E, 0.3, h125km, mb3.4/7, Error ellipse: s-maj=41.8km s-min=15.4km az=15.4

ISC 28 16:49:17.5, 0.8, 13.99N, 145.19E, n109km, mb3.2/7, mb1.3/7, mb1mx3.1/42, mbtmp3.9/7, Error ellipse: s-maj=38.9km s-min=16.8km az=103.0

ISC 28 16:49:18.8, 0.8, 13.9N, 0.2, 145.1E, 0.3, h125km, n11, c1929/9, mb3.3/7, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, GUMO, H1S3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR, MKAR, ILAR, etc.

ISCJ 28 16:57:33.1, 1.0, 39.97N, 142.397E, h82km, 9km, n41, c084/54, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EUZM, EUZM, KELT, etc.

ISC 28 16:58:12.7, 0.9, 12.13N, 143.84E, h0km, mb3.8/9, mb1.4/0.9, mb1mx3.7/47, mbtmp3.8/9, Error ellipse: s-maj=35.5km s-min=17.0km az=112.0

ISCJ 28 16:58:15.1, 1.2, 12.1N, 143.7E, 0.2, h26km, mb3.8/9, Error ellipse: s-maj=25.8km s-min=9.6km az=34.9

ISC 28 16:58:16.8, 1.0, 12.1N, 0.1, 143.9E, 0.2, h26km, n16, c085/11, mb3.8/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, GUMO, H1S3, etc.

ISCJ 28 17:03:51.2, 1.1, 6.2S, 0.1, 148.7E, 0.3, h53km, mb3.8/5, Error ellipse: s-maj=38.9km s-min=9.8km az=18.4

ISC 28 17:03:54.5, 3.5, 6.54S, 149.01E, h81km, 36km, mb3.6/5, mb1.3/8.7, mb1mx3.4/37, mbtmp3.9/7, MS2.7/1, Ms1 2.7/1, ms1.8x7.5/26, Error ellipse: s-maj=70.5km s-min=23.1km az=123.0

ISC 28 17:03:52.9, 1.1, 6.3S, 0.1, 148.7E, 0.3, h53km, n9, mb1.5/10, mb3.8/5, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, PMG, CTA, etc.

SJA 28 17:04:12.9, 0.5, 23.97S, 67.51W, h84km, 246km, ML2.5, MW2.9

ISCJ 28 17:04:14.9, 0.5, 24.01S, 0.6, 66.81W, 0.06, h178km, Error ellipse: s-maj=11.1km s-min=4.2km az=42.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC, GUC, SLA, etc.

ISC 28 17:04:15.1, 1.3, 24.00S, 0.06, 66.79W, 0.06, h178km, n14, c1504/23.5C, Salta Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ALOL, ALOL, PB06, etc.

ISC 28 17:29:10.7, 1.0, 6.36S, 130.35E, h104km, 112km, mb3.4/2, mb1.3/4, mb1mx3.1/34, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=135.8km s-min=36.5km az=61.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WRA, STAR, etc.

BUI 28 17:42:50.0, 28.80S, 176.58W, h20km, mb5.6/58, mb6.0/59, MS5.6/72, Ms7 5.5/68

ISCJ 28 17:42:52.0, 1.0, 29.47S, 0.02, 177.39W, 0.03, h31km, mb5.7/329, MS5.5/191, Error ellipse: s-maj=3.8km s-min=2.1km az=35.1

GCMT 28 17:42:51.7, 0.1, 29.23S, 176.95W, h33km, MW5.9/134, Moment Tensor Solution. s133.c274; s134.c385; Duration: 2s1 Moment tensor: Scale 10^17Nm; Mr6.13x.06; Mr8.057.04; Mr9.557.04; Mr0.72.07; Mr1.52.04; Mr4.63.07; Best double couple: Ms7.11x.017; NP1: q=1.2, 0.0000, 864.0000; NP2: q=2.9, 0.0000, 826.0000; NP3: q=1.9, 0.0000, 826.0000; NP4: q=1.9, 0.0000, 826.0000; Principal axes: T 7.8710, Plg17.0000, Azm273.0000; N -0.1470, Plg3.0000, Azm13.0000; P -7.6410, Plg19.0000, Azm105.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 28 17:42:51.7, 0.1, 29.47S, 177.39W, h21km, mb5.8/280, ME5.4, MS5.6/143, MW5.7, MW5.8, MW5.9 Error ellipse: s-maj=4.4km s-min=2.8km az=141.0, Moment Tensor Solution. s24 Moment tensor: Scale 10^17Nm; Mr3.09; Mr1.12; Mr9.197; Mr1.03; Mr5.256; Mr2.24; Best double couple: Ms4.5000, 0.017; NP1: q=2.35, 0.0000, 830.0000; NP2: q=2.9, 0.0000, 863.0000; NP3: q=1.7, 0.0000, 827.0000; NP4: q=1.7, 0.0000, 827.0000; Principal axes: T 3.9400, Plg7.0000, Azm272.0000; N 0.9100, Plg11.0000, Azm35.0000; P -4.8500, Plg17.0000, Azm128.0000; Broadband fault plane solution: P waves. NP1: q=1.94, 0.0000, 840.0000, 1.90, 0.0000. NP2: q=1.4, 0.0000, 850.0000, 1.90, 0.0000. Principal axes: T Plg85.0000, Azm284.0000; N Plg0.0000, Azm0.0000; P Plg5.0000, Azm104.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

WEI 28 17:42:52.0, 1.3, 29.52S, 177.71W, 1.0, h33km, ML6.5/2, MOS 28 17:42:53.3, 1.1, 29.14S, 177.30W, h33km, mb5.0/87, MS5.6/50, Error ellipse: s-maj=8.3km s-min=7.2km az=85.2

NEIC 28 17:42:54.0, 0.0, 28.99S, 177.08W, h25km, Moment Tensor Solution. s27 Moment tensor: Scale 10^17Nm; Mr6.56; Mr8.041; Mr6.615; Mr1.84; Mr1.63; Mr5.19; Best double couple: Ms8.6000, 0.1017; NP1: q=18.0000, 865.0000, 1.92, 0.0000. NP2: q=1.92, 0.0000, 825.0000, 865.0000. Principal axes: T 8.5700, Plg8.0000, Azm293.0000; N 0.0000, Plg2.0000, Azm196.0000; P -8.5700, Plg19.0000, Azm105.0000.

ISC 28 17:42:55.3, 1.5, 29.21S, 177.71W, 1.0, h33km, ML6.5/2, mb1.5/4/29, mb1mx3.3/30, mbtmp5.6/29 Error ellipse: s-maj=14.2km s-min=12.0km az=10.0

NEIC 28 17:43:04.6, 0.0, 28.86S, 176.92W, h38km, Moment Tensor Solution. s21 Moment tensor: Scale 10^17Nm; Mr6.73; Mr1.13; Mr5.60; Mr2.13; Mr2.55; Mr3.067; Best double couple: Ms7.1000x10^17; NP1: q=2.12, 0.0000, 853.0000, 1.106, 0.0000. NP2: q=2.12, 0.0000, 840.0000, 1.106, 0.0000. Principal axes: T 2.7200, Plg7.0000, Azm180.0000; N -0.3500, Plg13.0000, Azm27.0000; P -6.9300, Plg6.0000, Azm296.0000.

ISC 28 17:42:53.8, 0.4, 29.33S, 0.04, 177.13W, 0.03, h35km, 1km, h35km, nP-P, 1345, c1374/1364, mb5.8/327, MS5.6/192, 75C-25D, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, RAO, GLKZ, etc.

28d 17h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MWZ, URZ, URZ, URZ, etc.

2012 JAN

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like EIDS, CNL, CNL, CAN, etc.

1390

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MTN, MTN, WAKE, WAKE, etc.

28d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KOLD, DANN, NHSC, etc.

2012 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KUUL, BMNS, TKM2, etc.

1394

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AJN, GEYT, AKTO, etc.

28d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWA0, CASY, GUMO, SOEI, etc.

2012 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like O03D, KBO, WAKR, RO01, etc.

1398

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSU, D05A, TXAR, G08A, etc.

1403 2021 JAN 28d 18h

Table with columns: AAK, ALA-Archa, 122.34 304, P, PKPdf, 18 36 45.2 +0.5, BUR08 Bucovina Ar. S, 155.09 323, ePKPbc, PKPdf, 18 37 51.9 +9.5, etc.

Table with columns: BUR08 Bucovina Ar. S, 155.09 323, ePKPbc, PKPdf, 18 37 51.9 +9.5, BURAR Bucovina Array, 155.10 323, iPKP, PKPdf, 18 37 53.0 +1.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JIO Ouri, 1.00 294, Op, ISC, 18 25 23.6 +0.2, etc.

ISCJB 28 18:25:03.6: 1.0, 38:12N:0.06:142:61E:0.08, h14km, mb3.6/5, Error ellipse: s-maj=10.5km s-min=7.6km az=4.4

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:25:06.4: 0.2, 38:19N:142:50E, h35km,2km, M3.6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, MAN 28 18:32:14, 16:00N:119:98E, h32km, mb3.8, ML2.5, MS2.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISCJB 28 18:34:39.9: 0.7, 33:35N:0.04:140:52E:0.07, h58km,6km, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:34:40.5: 0.1, 33:37N:140:49E, h54km,3km, M3.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:34:41.9: 0.3, 33:33N:140:41E, h54km, 17km, mb3.3/3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:34:40.5: 1.6, 33:31N:0.05:140:52E:0.08, h48km,12km, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:34:40.5: 1.6, 33:31N:0.05:140:52E:0.08, h48km,12km, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:35:50.9: 0.8, 29:43S:177:09W, h0km, mb4.3/5, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, JMA 28 18:35:54.0: 0.8, 29:70S:177:19W, h0.9, h31km, etc.

az=160.3
ISC 28 18:35:55.7,0.29,59S:07:17:17W:0'09,h31km,n48,
e1945/51,mb4.7/14,Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various seismic stations and their associated data points.

IDC 28 18:42:44.5,1.4,2.94S:129.09E,h0km,mb3.7/3,
mb1 3.9/5,mb1mx3.6/9,mbtm3.8/5,ML3.9/2,Error
ellipse: s-maj=44.7km s-min=23.0km az=80.0

ISCJB 28 18:49:03.2,0.1,29.68S:176.57W,h31km,
mb5.3/164,MS5.1/14,Error ellipse: s-maj=3.6km
s-min=2.2km az=33.5

Bull 28 18:49:03.1,28.95S:176.57W,h31km,mb5.3/35,
mb5.7/27,Ms5.5/23,Ms7.5/124

MOS 28 18:49:04.7,1.0,29.18S:177.32W,h33km,mb5.6/44,
Error ellipse: s-maj=11.1km s-min=10.2km az=12.9

WEL 28 18:49:08.3,1.0,30.53S:177.7W,1.1,h33km,ML6.0/2

ISC 28 18:49:04.7,0.2,29.56S:176.92W,h33km,
mb5.3/164,MS5.1/14,41C-7D,Kermadec
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various seismic stations and their associated data points.

IDC 28 18:49:00.8,0.5,29.15S:177.16W,h0km,mb4.8/22,
mb1 4.9/23,mb1mx4.8/37,mbtm4.8/23,ML4.1/1,MS4.9/7,
Ms1 4.9/7,ms1mx4.3/41,Error ellipse: s-maj=19.0km
s-min=11.1km az=164.0

NEIC 28 18:49:01.4,0.1,29.52S:177.17W,h10km,mb5.4/130,
Error ellipse: s-maj=5.8km s-min=3.1km az=132.0

GCMT 28 18:49:01.4,0.2,29.28S:176.92W,h33km,MMV5.4/106,
Moment Tensor Solution, s7, c142, s106, c169;
Duration: 1s2 Moment tensor: Scale 10^17Nm;
Mrr:1.29e-04; Mtt:0.06e-03; Mss:1.34e-03; Mrr:0.24e-04;
Mss:0.47e-02; Mtt:0.90e-04; Best double couple:
Mo:1.67200e+10 Np1:1.60000e+02,662.00000e+02

1.89,00000e+02; NP2:1.199,00000e+02,828.00000e+02,1.93,00000e+02;
Principal axes: T: 1.5760, P: 173.0000, Az: 282.0000; N:
0.1950, P: 1.0000, Az: 176.0000; P: -1.7620, P: 171.0000;
Az: 107.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISCJB 28 18:49:03.2,0.1,29.68S:176.57W,h31km,
mb5.3/164,MS5.1/14,Error ellipse: s-maj=3.6km
s-min=2.2km az=33.5

Bull 28 18:49:03.1,28.95S:176.57W,h31km,mb5.3/35,
mb5.7/27,Ms5.5/23,Ms7.5/124

MOS 28 18:49:04.7,1.0,29.18S:177.32W,h33km,mb5.6/44,
Error ellipse: s-maj=11.1km s-min=10.2km az=12.9

WEL 28 18:49:08.3,1.0,30.53S:177.7W,1.1,h33km,ML6.0/2

ISC 28 18:49:04.7,0.2,29.56S:176.92W,h33km,
mb5.3/164,MS5.1/14,41C-7D,Kermadec
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various seismic stations and their associated data points.

IDC 28 18:49:00.8,0.5,29.15S:177.16W,h0km,mb4.8/22,
mb1 4.9/23,mb1mx4.8/37,mbtm4.8/23,ML4.1/1,MS4.9/7,
Ms1 4.9/7,ms1mx4.3/41,Error ellipse: s-maj=19.0km
s-min=11.1km az=164.0

NEIC 28 18:49:01.4,0.1,29.52S:177.17W,h10km,mb5.4/130,
Error ellipse: s-maj=5.8km s-min=3.1km az=132.0

GCMT 28 18:49:01.4,0.2,29.28S:176.92W,h33km,MMV5.4/106,
Moment Tensor Solution, s7, c142, s106, c169;
Duration: 1s2 Moment tensor: Scale 10^17Nm;
Mrr:1.29e-04; Mtt:0.06e-03; Mss:1.34e-03; Mrr:0.24e-04;
Mss:0.47e-02; Mtt:0.90e-04; Best double couple:
Mo:1.67200e+10 Np1:1.60000e+02,662.00000e+02

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various seismic stations and their associated data points.

MEEK	Meekatharra	56.17	256	P	P	18 58 39.6	-2.2
CASY	Casey	56.26	208	eP	P	18 58 38.1	-3.6
SUJI	Sorong	56.80	290	P	P	18 58 44.4	-1.9
SWI	Sorong	56.81	290	P	P	18 58 45.0	-1.4
MORW	Morawa	57.56	253	P	P	18 58 50.7	-0.9
SOEI	Soe	58.05	277	P	P	18 58 53.9	-1.5
NLAI	Namlea	58.94	285	P	P	18 58 59.8	-1.6
QSPA	South Pole Qui	60.55	180	eP	P	18 59 15.6	+3.7
SPSI	Sidrap Palu	64.79	280	P	P	18 59 38.3	-2.4
TTSI	Tana Toraja	65.22	284	P	P	18 59 41.7	-1.8
MPSI	Mapepe	66.92	281	P	P	18 59 52.1	-2.3
STKI	Sintang	73.95	279	P	P	19 00 37.9	+0.4
SBUM	Sibu	74.54	282	eP	P	19 00 40.0	-0.9
DBJI	Drumaga	74.80	271	P	P	19 00 42.9	+0.5
MJAR	Matsushiro Arr	78.03	325	P	P	19 00 59.0	-1.1
MJAR	Matsushiro Arr	78.03	325	P	P	19 00 59.0	-1.1
MAJO	Matsushiro	78.03	325	eP	P	19 00 59.4	-0.7
MAT	Matsushiro	78.03	325	P	P	19 00 57.5	-2.6
MDSI	Maura Dua	78.03	272	P	P	19 00 56.8	-3.9
SYO	Syowa Base	78.11	1931	eP	P	19 01 01.2	+1.0
SYO	Syowa Base	78.11	1931	eP	P	19 01 06.2	-3.8
SYO	Syowa Base	78.11	1931	eP	P	19 01 11.5	+1.8
SNA	Sanae	78.97	178	P	P	19 01 07.7	+2.7
SNA	Sanae	78.97	178	P	P	19 01 04.6	-0.4
SNA	Sanae	78.97	178	P	P	19 01 07.2	+2.2
VNA3	Neumayer Olomp	79.08	176	P	P	19 01 07.7	+2.1
JNU	Nakatsue	79.48	318	P	P	19 01 09.2	+0.9
JNU	Nakatsue	79.48	318	P	P	19 01 08.7	+0.4
VNA2	Neumayer-Watz	79.53	177	P	P	19 01 10.3	+2.3
VNA1	Neumayer-Stat	79.75	176	P	P	19 01 12.0	+2.9
NVL	Nzarevskaya	79.76	183	eP	P	19 01 11.6	+2.4
ASAJ	Asahikawa	82.08	332	P	P	19 01 22.1	+0.3
ASAJ	Asahikawa	82.08	332	P	P	19 01 21.5	-0.3
PLCA	Paso Flores	82.48	133	P	P	19 01 28.3	+0.0
PLCA	Paso Flores	82.48	133	eP	P	19 01 27.4	+3.0
PLCA	Paso Flores	82.48	133	eP	P	19 01 27.4	+3.0
PLCA	Paso Flores	82.48	133	eP	P	19 01 32.2	+7.8
KSRS	Korea Array	84.24	319	P	P	19 01 33.0	-0.1
KS15	Wonju Array Si	84.26	319	P	P	19 01 33.3	+0.1
KSAR	Wonju Array Be	84.26	319	P	P	19 01 33.0	-0.2
YSS	Yuzh-Sakhalins	84.35	334	eP	P	19 01 33.6	+0.2
YSS	Yuzh-Sakhalins	84.35	334	eP	P	19 01 33.3	-0.1
BFSC	Mount Baldy Ra	84.69	46	P	P	19 01 37.1	+1.4
EDW	Vestal, Richgr	84.88	44	P	P	19 01 38.0	+1.7
EDW2	Edwards Air Fo	84.90	45	P	P	19 01 38.2	+1.5
ISA	Isabella, Lake	85.13	44	P	P	19 01 38.4	+1.7
ISA	Isabella, Lake	85.13	44	P	P	19 01 38.7	+0.9
ISA	Isabella, Lake	85.13	44	P	P	19 01 38.7	+0.9
IPM	Ipo	85.18	278	eP	P	19 01 36.4	-2.1
PETK	Petrovavlovsk	85.21	345	P	P	19 01 36.6	-1.0
PETK	Petrovavlovsk	85.21	345	P	P	19 04 58.7	+2.8
PEA1	Laurel Mtn Rad	85.49	45	P	P	19 01 41.6	+2.0
CMB	Columbia Colle	85.59	41	eP	P	19 01 40.5	+0.5
CMB	Columbia Colle	85.59	41	eP	P	19 01 40.5	+0.5
CWC	Cottonwood Cre	85.88	44	P	P	19 01 42.6	+1.0
AFDM	Forest Hills D	85.88	40	eP	P	19 01 41.8	+0.5
HUC	Hector Ludlow	85.90	46	P	P	19 01 43.0	+1.3
KELM	Kulim	85.91	278	eP	P	19 01 40.7	-1.4
GSC	Goldstone, Bar	85.91	45	P	P	19 01 43.2	+1.5
GSC	Goldstone, Bar	85.91	45	eP	P	19 01 42.3	+0.6
GSC	Goldstone, Bar	85.91	45	eP	P	19 01 42.3	+0.6
MPMC	Manual Prospec	85.99	44	P	P	19 01 43.5	+1.4
ORV	Oroville	86.00	40	eP	P	19 01 42.3	+0.4
ORV	Oroville	86.00	40	eP	P	19 01 42.3	+0.4
DAC	Darwin (Calif)	86.07	44	eP	P	19 01 43.7	+1.1
DAC	Darwin (Calif)	86.07	44	eP	P	19 01 43.7	+1.1
MDP	Darwin (Calif)	86.07	44	eP	P	19 01 43.7	+1.1
WDV	Dewits Postpil	86.08	42	eP	P	19 01 41.5	-1.2
WDC	Whiskeytown Da	86.15	38	eP	P	19 01 43.3	+0.7
WDC	Whiskeytown Da	86.15	38	eP	P	19 01 43.3	+0.7
PSI	Prapat	86.17	275	P	P	19 01 41.5	-2.0
PSI	Prapat	86.17	275	eP	P	19 01 40.3	-3.2
PSI	Prapat	86.17	275	eP	P	19 01 40.3	-3.2
IRM	Iron Mountain	86.22	47	P	P	19 01 44.2	+1.0
NJ2	Nanjing	86.33	310	eP	P	19 01 44.8	+1.1
N02D	Trinity Center	86.34	38	P	P	19 01 44.7	+1.0
W03R	Paynes Creek	86.36	39	P	P	19 01 45.0	+1.2
W03R	Paynes Creek	86.36	39	eP	P	19 01 44.8	+0.4
PEL	Peledue	86.50	126	eP	P	19 01 46.6	+1.8
PEL	Peledue	86.50	126	eP	P	19 01 46.6	+1.8
M02C	Callahan	86.58	38	P	P	19 01 46.1	+1.4
GSI	Gunung Sib	86.60	273	eP	P	19 01 44.7	-0.8

GRAC	Grapevine Rang	86.68	44	P	P	19 01 47.5	+2.1
L02D	Cave Junction,	86.70	37	P	P	19 01 47.1	+1.8
PNTR	Pine Point	86.76	41	eP	P	19 01 46.4	+0.5
KEBM	Edson Butte	86.83	36	eP	P	19 01 45.7	-0.3
BEKR	Beckworth	86.86	40	eP	P	19 01 46.7	+0.3
YBH	Yreka Blue Hor	86.87	38	eP	P	19 01 45.6	-0.7
YBH	Yreka Blue Hor	86.87	38	eP	P	19 01 45.6	-0.7
YERR	Yerington	86.89	41	eP	P	19 01 46.7	+0.1
USRK	Ussuriysk Arr	86.92	326	P	P	19 01 45.6	-0.6
NV01	Mina Array Sit	87.02	42	eP	P	19 01 48.5	+1.1
NVAR	Mina Array Bea	87.07	42	eP	P	19 01 48.5	+1.1
RYN	Ryan	87.07	42	eP	P	19 01 48.0	+0.6
NV11	Mina Array Sit	87.16	42	eP	P	19 01 48.5	+0.7
PAHR	Pah Rah Range	87.30	41	eP	P	19 01 48.8	+0.3
TPNV	Topopah Spring	87.32	44	eP	P	19 01 50.1	+1.4
TPNV	Topopah Spring	87.32	44	eP	P	19 01 49.5	+0.8
TPNV	Topopah Spring	87.32	44	eP	P	19 01 49.5	+0.8
HUMO	Hull Mountain	87.36	37	eP	P	19 01 49.5	+1.0
M04C	Macdoel	87.37	38	P	P	19 01 49.7	+0.9
KVN	Kaiserville	87.60	42	eP	P	19 01 49.6	-0.4
KVN	Kaiserville	87.60	42	eP	P	19 01 49.5	-0.4
KVN	Kaiserville	87.60	42	eP	P	19 01 49.5	-0.4
TYV	Tymovskoe	87.62	336	eP	P	19 01 47.5	-2.0
W13A	Hualapai Mount	87.62	47	eP	P	19 01 51.0	+0.7
SHPR	Shree Range	87.71	45	eP	P	19 01 52.0	+1.5
AAGR	Agrelo	87.83	127	eP	P	19 01 49.1	-2.2
AUSP	Uspallata	87.92	126	eP	P	19 01 55.5	+3.4
I03D	Ingen, OR	87.93	36	P	P	19 01 51.9	+0.7
TUC	Tucson	87.95	51	P	P	19 01 53.3	+1.6
ASAL	Salagastia	88.10	127	eP	P	19 01 54.7	+2.1
J04D	Jumpua Nationa	88.24	37	P	P	19 01 54.4	+1.4
MOD	Modoc Plateau	88.28	39	eP	P	19 01 53.7	+0.6
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40	325	P	P	19 02 03.3	+1.1
MDJ	Mudanjiang	88.40	325	P	P	19 12 41.5	+4.9
MDJ	Mudanjiang	88.40	325	P	P	19 01 52.3	-1.1
MDJ	Mudanjiang	88.40	325	P	P	19 02 05.3	-1.6
MDJ	Mudanjiang	88.40					

28d 19h

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1408

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like H06E1, YHNB, NVLE, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like MMLAC, IRM, 113A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like G03D, H04A, LCMT, etc.

ANKY	Antikythira Is	0.45	81	P	Pn	19 37 24.5 +0.6
ANKY				S	AML	19 37 31.9 +0.8
ANKY				A	AML	19 37 33.7
ANKY	comp=N,3710um,0.6s					19 37 33.8
ANKY	comp=E,4663um,0.5s					
ANKY	Antikythira Is	0.45	81	P	Pn	19 37 24.3 +0.4
ANKY				S	Pn	19 37 31.0 -0.1
ANKY				P	Pn	19 37 24.3 +0.4
ANKY				S	Pn	19 37 31.0 -0.1
KYTH	Kithira	0.53	27	P	Pn	19 37 33.9 +1.1
KYTH				S	Pn	19 37 33.9 +1.1
KYTH				A	AML	19 37 33.5
KYTH	comp=E,8169um,0.4s					
KYTH	comp=N,7554um,0.4s					
KYTH	Kithira	0.53	27	P	Pn	19 37 25.2 +0.3
KYTH				S	Pn	19 37 33.9 +1.1
KYTH				P	Pn	19 37 25.1 +0.3
KYTH				S	Pn	19 37 31.9 -0.9
VLI	Veliai	0.93	9	P	Pn	19 37 32.1 +1.9
VLI				S	Pn	19 37 45.3 +2.8
VLI				A	AML	19 37 46.4
VLI	comp=E,2616um,0.8s					
VLI	comp=N,3376um,0.5s					
VLI	Veliai	0.93	9	P	Pn	19 37 31.8 +1.5
VLI				S	Pn	19 37 44.4 +1.9
VLI				P	Pn	19 37 31.8 +1.5
VLI				S	Pn	19 37 44.4 +1.9
DYR	Agios Nikonas	1.02	341	S	Pn	19 37 47.7 +3.1
DYR				A	AML	19 37 53.7
DYR	comp=E,965um,0.9s					
DYR	comp=N,800um,0.8s					
DYR	Agios Nikonas	1.02	341	P	Pn	19 37 32.0 +0.5
DYR				S	Pn	19 37 47.7 +3.1
IMMV	Iera Moni Meta	1.06	108	P	Pn	19 37 33.8 +1.8
IMMV				A	AML	19 37 51.1
IMMV	comp=N,1760um,0.7s					
IMMV	comp=E,1284um,0.4s					
IMMV	Iera Moni Meta	1.06	108	P	Pn	19 37 33.6 +1.6
IMMV				S	Pn	19 37 48.1 +2.6
IMMV				S	Pn	19 37 40.4 +0.5
IMMV				S	Pn	19 37 48.1 +2.6
YAM	Vamos	1.24	108	P	Pn	19 37 36.5 +2.0
YAM				S	Pn	19 37 36.5 +2.0
YAM				S	Pn	19 37 53.2 +3.1
YAM				S	Pn	19 37 36.5 +1.8
YAM				S	Pn	19 37 32.3 +1.1
PYL	PYLOS	1.36	324	P	Pn	19 37 35.6 -0.6
PYL				A	AML	19 38 04.7
PYL	comp=N,438um,0.5s					
PYL	comp=E,647um,0.6s					
PYL	PYLOS	1.36	324	P	Pn	19 37 36.3 +0.1
PYL				S	Pn	19 37 54.5 +1.4
PYL				S	Pn	19 37 36.3 +0.1
PYL				S	Pn	19 37 54.5 +1.4
ITM	Ithomi	1.53	335	P	Pn	19 37 40.1 +1.6
ITM				S	Pn	19 37 59.4 +2.2
ITM				S	Pn	19 37 40.1 +1.6
ITM				S	Pn	19 37 59.4 +2.2
VLX	Vlachokerasia	1.60	349	P	Pn	19 37 42.0 +2.5
VLX				A	AML	19 38 18.6
VLX	comp=E,986um,0.5s					
VLX	comp=N,1294um,0.6s					
VLX	Vlachokerasia	1.60	349	P	Pn	19 37 41.2 +1.7
VLX				S	Pn	19 38 01.4 +2.4
VLX				S	Pn	19 37 41.2 +1.7
VLX				S	Pn	19 38 01.4 +2.4
MHLO	Agia Marina, M	1.60	56	P	Pn	19 37 39.3 -0.2
MHLO				S	Pn	19 37 40.8 +1.1
MHLO	Agia Marina, M	1.60	56	P	Pn	19 37 40.8 +1.1
MHLO				S	Pn	19 37 40.8 +1.1
KRND	KRANIDI	1.61	11	P	Pn	19 37 40.4 +0.8
KRND				S	Pn	19 37 40.8 +1.2
KRND	KRANIDI	1.61	11	P	Pn	19 37 40.8 +1.2
KRND				S	Pn	19 37 40.8 +1.2
DID	Didima	1.75	13	P	Pn	19 37 41.3 -0.2
DID				A	AML	19 38 11.9
DID	comp=N,570um,0.5s					
DID	comp=E,483um,0.4s					
DID	Didima	1.75	13	P	Pn	19 37 42.6 +1.1
DID				S	Pn	19 37 42.6 +1.1
IDI	Anoyia	1.82	106	Pn	Pn	19 37 43.8 +1.4
IDI	comp=E,2.0nm,0.3s,baz=294,slow=1.1,SNR=11					
IDI				S	Pn	19 38 04.6 +0.3
AMT	Artemida-Makis	1.92	335	P	Pn	19 37 45.2 +1.3
AMT				S	Pn	19 37 45.2 +1.3
GUR	Goura	2.16	351	P	Pn	19 37 49.0 +1.8
GUR				S	Pn	19 37 49.0 +1.8
GUR	Goura	2.16	351	P	Pn	19 37 48.7 +1.5
GUR				S	Pn	19 37 47.0 +0.5
VLY	Voula, Athens	2.22	22	P	Pn	19 37 47.3 -0.5
VLY				S	Pn	19 37 49.0 +1.0
LTK	Loutraki	2.23	4	P	Pn	19 37 49.0 +1.0
LTK				S	Pn	19 37 49.0 +1.0
KLV	Kalavryta, Ach	2.29	348	P	Pn	19 37 51.7 +2.7
KLV				S	Pn	19 37 51.0 +2.0
KLV	Kalavryta, Ach	2.29	348	P	Pn	19 37 51.0 +2.0
KLV				S	Pn	19 37 51.0 +2.0
DRO	Drossia	2.31	339	P	Pn	19 37 50.1 +1.8
DRO				S	Pn	19 37 50.7 +1.6
DRO	Drossia	2.31	339	P	Pn	19 37 50.7 +1.6
DRO				S	Pn	19 37 50.7 +1.6
LAKA	Lakka	2.52	346	P	Pn	19 37 54.1 +2.1
LAKA				S	Pn	19 37 54.1 +2.1
DSF	Desfina	2.62	356	P	Pn	19 37 54.1 +1.3
DSF				S	Pn	19 37 54.7 +1.3
DSF	Desfina	2.62	356	P	Pn	19 37 54.7 +1.3
DSF				S	Pn	19 37 56.6 +2.5
SERG	Sergoula	2.67	348	P	Pn	19 37 55.6 +1.5
SERG				S	Pn	19 37 55.6 +1.5
SERG	Sergoula	2.67	348	P	Pn	19 37 55.6 +1.5
SERG				S	Pn	19 37 55.9 +1.3
EPF	Epipallo	2.71	346	P	Pn	19 37 55.9 +1.3
EPF				S	Pn	19 37 55.9 +1.3
ANX	Ano Chora	2.87	347	P	Pn	19 37 59.2 +2.3
ANX				S	Pn	19 37 58.9 +2.0
ANX	Ano Chora	2.87	347	P	Pn	19 37 58.9 +2.0
ANX				S	Pn	19 37 56.7 -1.1
VLS	Valsamata	2.94	325	P	Pn	19 37 56.7 -1.1
VLS				S	Pn	19 37 56.7 -1.1
AGG	Agios Georgios	3.24	354	P	Pn	19 38 02.1 +0.2
AGG				S	Pn	19 38 02.1 +0.2
AGG	Agios Georgios	3.24	354	P	Pn	19 38 02.1 +0.2
AGG				S	Pn	19 38 07.2 +0.6
DSL	Palaion Diasel	3.58	339	P	Pn	19 38 07.2 +0.6
DSL				S	Pn	19 38 04.3 -3.9
STON	Ston	3.87	333	P	Pn	19 40 27.3 -1.1
STON				S	Pn	19 40 41.5 -9.0
AKASG	Malin Array Be	15.62	15	Pn	Pn	19 40 41.5 -9.0
AKASG	comp=E,0.3nm,0.3s,baz=205,slow=12,SNR=4.0					
HFS	Hagfors	25.05	349	P	Pn	19 42 32.4 -1.1
HFS	comp=E,2.7nm,0.9s,baz=193,slow=9.0,SNR=4.1					
FINES	FINES Array B	25.75	4	P	P	19 42 38.7 -1.2
FINES	comp=E,0.6nm,0.4s,baz=179,slow=11,SNR=5.3					
ESK	Eskdalemuir A	26.40	326	P	Pn	19 42 45.9 +0.1
ESK	comp=E,0.3nm,0.4s,baz=125,slow=8.7,SNR=4.7					
MKAR	Makareni Array	45.07	57	P	P	19 45 23.7 -1.5
MKAR	comp=E,0.4nm,0.5s,baz=267,slow=7.6,SNR=18					
ZALV	Zalesovo Beam	45.99	47	P	P	19 45 30.3 -2.0
ZALV	comp=E,0.4nm,0.3s,baz=276,slow=6.6,SNR=3.9					
YKA	Yellowknife Arr	76.22	341	P	P	19 48 56.5 -0.6
YKA	comp=E,0.1nm,0.4s,baz=333,slow=5.1,SNR=2.8					

0 Moment tensor: Scale 10¹⁹N: $M_{rr}=2.06i, 25;$
 $M_{\theta\theta}=1.72i, 25; M_{\phi\phi}=0.33i, 26; M_{\theta\phi}=4.55i, 10; M_{\phi\theta}=4.05i, 17;$
 $M_{\theta r}=2.86i, 13; M_{\phi r}=2.86i, 13; Best double couple: $M_{\theta\theta}=7.1600 \times 10^{16}$$
 $NP1_{\theta\theta}=121.00000^{\circ}, 880.00000^{\circ}, \lambda=86.00000^{\circ}; NP2_{\theta\theta}=278.00000^{\circ}, 811.00000^{\circ}, \lambda=113.00000^{\circ}; Principal axes:$
 $T=5.5610, P1g35.0000^{\circ}, Azm207.0000^{\circ}; N=0.3050,$
 $P1g4.0000^{\circ}, Azm300.0000^{\circ}; P=5.8720, P1g55.0000^{\circ},$
 $Azm36.0000^{\circ}; nsta1 refers to surface waves, cutoff=40s,$
 $nsta2 refers to surface waves, cutoff=50s.$
NEIC 28 19:37:31.4, 0.1, 4.08S; 140.79E, mb5.3/86 Error ellipse:
 $s-maj=3.8km, s-min=3.2km, az=64.0$
NEIC Feil [III] at Jayapura
ISC 28 19:37:31.4, 0.3, 4.15S; 0.03; 140.84E; 0.04, h80km, 2km,

Code	Station Name	Lat	Lon	Phase ID	Time	Res	
					h m s	ISC	
JAY	Jayapura	1.62	355	P	19 37 56.3 -2.2		
JAY				S	19 38 15.5 -3.4		
JAY				P	19 37 58.1 -1.0		
GENI	Genyem	1.68	337	P	19 38 21.0 +0.9		
GENI				S	19 38 17.1 +0.1		
SMPI	Sarmi	3.02	315	P	19 38 54.0 +1.9		
SMPI				S	19 38 55.0 +1.2		
MMPI	Merauke	4.32	186	S	19 39 39.1 +1.9		
MANU	Manus Island	6.85	72	ePn	19 39 31.1 +1.9		
MANU				eSn	19 40 36.8 +1.1		
KMPI	Kaimana, Papua	7.13	274	P	19 39 34.1 +1.0		
RKPI	Ransiki, Papua	520nm,0.7s,7um5.5mm	7.15	291	P	19 39 14.9 +1.5	
RKPI		250nm,0.6s,1.3nm					
PMG	Port Moresby	8.17	130	P	19 39 29.0 +1.8		
PMG		4.2nm,0.3s,baz=327,slow=6.8,SNR=26					
PMG		7.1nm,0.3s,baz=49,slow=19,SNR=4.2					
PMG				S	19 40 57.9 -0.2		
PMG				LR	19 43 48.5		
PMG	comp=Z,1um,19.2s,baz=64,slow=46						
PMG	Port Moresby	8.17	130	ePn	19 39 28.8 +1.6		
PMG				eSn	19 40 53.2 -4.8		
PMG				S	19 39 35.3 +1.3		
FAKI	Fak Fak	8.66	278	P	19 39 33.9 -0.1		
FAKI				S	19 41 10.5 +0.4		
FAKI				P	19 39 53.2 +0.7		
COEN	Coen	10.02	167	P	19 39 53.1 +0.6		
COEN		2nm,1.0,SNR=41					
COEN	Coen	10.02	167	ePn	19 39 52.9 -0.8		
SIJI	Sorong	10.10	289	P	19 44 27.6		
SIJI		8.4nm,0.3s,baz=244,slow=22,SNR=24					
SIJI	comp=Z,1um,20.2s,baz=85,slow=42						
SIJI	Sorong	10.11	289	P	19 39 55.4 +1.6		
SAUI	Saumaki	10.22	248	P	19 39 56.2 +0.9		
SAUI		2um,1.1s,22um					
SAUI	Saumaki	10.22	248	ePn	19 39 56.4 +1.0		
SAUI				eSn	19 41 37.6 -1.1		
BNDI	Bandanaira	10.91	268	P	19 40 07.0 +2.3		
RABL	Rabaul	11.30	91	ePn	19 40 12.9 +2.9		
KDU	Kakadu	11.85	224	P	19 40 15.4 -2.1		
MSAI	Masohi	11.91	273	P	19 40 20.0 +1.7		
MSAI		19nm,0.6s,406nm					
AAI	Ambon	12.62	272	P	19 40 28.6 +0.6		
AAI		9nm,0.7s					
MTN	Manton Dam	12.91	227	P	19 40 29.2 -2.6		
MTN		baz=13,SNR=849					
MTN	Manton Dam	12.91	227	ePn	19 40 29.1 -2.8		
MTN				eSn	19 42 42.9 -1.1		
PALU	Palau	13.06	331	P	19 40 37.0 +3.1		
PALU		baz=13,SNR=14					
NLAI	Namlea	13.74	273	P	19 40 45.0 +2.2		
NLAI		47nm,0.8s					
LBMI	Labuha	13.77	284	P	19 40 46.6 +1.4		
MTSU	Mount Surprise	14.31	166	P	19 40 51.2 +0.9		

28d 19h

2012 JAN

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, PSI KHON, WHN Wuhan, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJT Baijiatuu, BJI Beijing, KUR Kuril'sk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONAO Songino Array, SONM Songino Array, SONM, etc.

TKM2	SNR=17	75.04 316	P	P	19 49 04.5	-0.3
TKM2	comp-Z,6.0nm,0.7s					
TKM2	SNR=11	75.04 316	P	P	19 49 05.1	+0.3
KBK	Karagaybulak	75.40 316	P	P	19 49 07.6	+0.7
NVS	Novosibirsk	75.49 330	eP	P	19 49 06.5	-0.3
NVS	comp=N,6.0nm,0.9s					
NVS	comp=E,7.0nm,0.9s					
UCH	Uchtor	75.56 315	P	P	19 49 09.0	+0.9
SFK	Sufi-Kurgan	75.57 313	P	P	19 49 07.8	-0.1
SFK	comp=Z,8.0nm,0.8s					
CHMS	Chumysh	75.65 316	P	P	19 49 08.2	+0.1
AAK	Ala-Archa	75.71 316	iP	P	19 49 08.4	-0.2
AAK	comp=Z,6.0nm,1.2s					
AAK	Ala-Archa	75.71 316	P	P	19 49 09.4	+0.8
AAK	SNR=5.4					
USP	Ospenovka	75.91 316	P	P	19 49 10.0	+0.4
TIXI	Tiksi	76.06 356	P	P	19 49 08.6	-1.1
TIXI	comp=Z,23nm,0.5s,baz=146,slow=5.4,SNR=104					
TIXI	Tiksi	76.06 356	eP	P	19 49 08.3	-1.4
AML	Almayashu	76.10 315	P	P	19 49 12.0	+0.8
KURK	Kurchatov	76.11 325	eP	P	19 49 09.8	-0.6
KURK	comp=Z,85nm,1.2s					
KURK	Kurchatov	76.11 325	eP	P	19 49 10.0	-0.4
KURK	SNR=13					
EKSZ	Erkin-Say	76.22 316	P	P	19 49 12.5	+1.1
GAMB	Gambell	76.39 20	eP	P	19 49 11.3	-0.4
MNAS	Manas	77.05 315	P	P	19 49 16.1	-0.1
MNAS	comp=Z,15nm,1.2s					
KBL	Kabul	77.48 307	eP	P	19 49 18.1	-0.7
KBL	comp=Z,8.0nm,0.8s					
KBL	Kabul	77.48 307	eP	P	19 49 18.1	-0.7
KK31	Karatay Array	78.64 315	iP	P	19 49 24.6	-0.2
KK31	comp=Z,5.0nm,1.0s					
KKAR	Karatay Array	78.64 315	eP	P	19 49 24.5	-0.3
KKAR	comp=Z,34nm,0.7s					
KKAR	Karatay Array	78.64 315	eP	P	19 49 24.4	-0.3
KKAR	comp=Z,34nm,1.0s					
SVW2	Sparvevohn	81.21 26	eP	P	19 49 38.1	-0.2
KDAD	Kodiak Island	81.27 30	iP	P	19 49 39.0	+0.4
KDAD	comp=Z,23nm,1.0s					
KDAD	Kodiak Island	81.27 30	iP	P	19 49 38.6	0.0
KDAD	comp=Z,22nm,0.6s,baz=244,slow=4.2,SNR=20					
MAW	Mawson	81.60 202	LR	LR	20 24 39.7	
BVA0	Borovoye Array	81.70 325	iP	P	19 49 40.8	-0.2
BVA0	comp=Z,208nm,18.3s,baz=52,slow=35					
BRVK	Borovoye	81.77 325	eP	P	19 49 41.4	0.0
BRVK	comp=Z,49nm,1.0s					
BRVK	Borovoye	81.77 325	eP	P	19 49 41.3	-0.1
BRVK	SNR=10					
CNPM	China Poot	82.57 28	eP	P	19 49 45.6	+0.1
BRK	Bradley Lake	82.83 28	eP	P	19 49 45.6	-1.2
SRLA	Susitna One	83.50 27	eP	P	19 49 49.0	-1.3
CAST	Castle Rocks	83.65 25	eP	P	19 49 50.3	-0.6
CAST	comp=Z,18nm,0.7s					
RC01	Rabbit Creek A	83.83 27	eP	P	19 49 50.3	-1.6
RC01	comp=Z,22nm,0.8s					
KTH	Kantishna Hill	84.18 25	eP	P	19 49 52.5	-1.2
KTH	comp=Z,29nm,1.1s					
PMR	Palmer	84.27 27	eP	P	19 49 52.8	-1.3
PMR	comp=Z,19nm,0.8s					
PMR	Palmer	84.27 27	eP	P	19 49 52.8	-1.3
PMR	SNR=19					
TRF	Thorafore Moun	84.41 25	eP	P	19 49 53.8	-1.2
SML	Sawmill	84.70 27	eP	P	19 49 55.7	-0.7
SML	comp=Z,42nm,0.8s					
SML	Sawmill	84.70 27	eP	P	19 49 55.7	-0.7
SML	comp=Z,42nm,0.8s					
SML	Manley	84.80 23	eP	P	19 49 55.9	-0.4
MLY	Reindeer	85.00 25	eP	P	19 49 56.5	-1.4
RND	Reindeer	85.00 25	eP	P	19 49 56.5	-1.4
RND	comp=Z,52nm,0.8s					
RND	Reindeer	85.00 25	eP	P	19 49 56.5	-1.4
RND	comp=Z,52nm,0.8s					
MCK	McKinley	85.08 25	eP	P	19 50 19.9	+0.5
MCK	comp=Z,36nm,0.8s					
MCK	McKinley	85.08 25	eP	P	19 50 19.9	+0.5
MCK	comp=Z,36nm,0.8s					
SCM	Sheep Creek Mo	85.16 27	eP	P	19 50 18.9	-0.8
SCM	comp=Z,35nm,0.7s					
SCM	Sheep Creek Mo	85.16 27	eP	P	19 50 18.9	-0.8
SCM	comp=Z,35nm,0.7s					
DIV	Divide	85.70 28	eP	P	19 50 23.2	-1.7
DIV	comp=Z,30nm,0.7s					
DIV	Klutina	85.70 27	eP	P	19 50 23.6	+0.8
DIV	comp=Z,29nm,1.1s					
KLU	Murphy Dome	85.77 24	eP	P	19 50 23.0	0.0
MDM	Murphy Dome	85.77 24	eP	P	19 50 23.0	0.0
MDM	comp=Z,29nm,1.6s					
COLD	Coldfoot	85.80 21	eP	P	19 50 22.2	-1.3
COLD	comp=Z,16nm,0.9s					
QSPA	South Pole Qui	85.81 180	eP	P	19 50 22.2	-1.3
QSPA	comp=Z,40nm,0.8s					
CCB	Clear Creek Bu	85.84 24	eP	P	19 50 20.0	-1.9
CCB	comp=Z,30nm,0.7s					
COLA	College	85.90 24	eP	P	19 50 21.8	-1.7
COLA	comp=Z,17nm,0.7s					
COLA	College	85.90 24	eP	P	19 50 21.8	-1.7
COLA	comp=Z,17nm,0.7s					
COLA	Harding Lake	86.12 24	eP	P	19 50 01.0	-1.1
HDA	Harding Lake	86.12 24	eP	P	19 50 01.0	-1.1
HDA	comp=Z,30nm,0.7s					
BMRM	Bremner River	86.17 28	eP	P	19 50 03.0	-0.7
ILAR	Eielson Array	86.26 24	P	P	19 50 02.5	-1.5
ILAR	comp=Z,15nm,0.6s,baz=261,slow=4.4,SNR=277					
ILAR	Eielson Array	86.26 24	P	P	19 50 02.5	-1.5
ILAR	comp=Z,15nm,0.6s,baz=261,slow=4.4,SNR=277					
ILB	Eielson Array	86.26 24	P	P	19 50 02.0	-1.9
ILB	comp=Z,29nm,1.1s					
ILB	Eielson Array	86.26 24	P	P	19 50 02.0	-1.9
ILB	comp=Z,29nm,1.1s					
HARP	HAARP	86.31 27	eP	P	19 50 03.8	-0.5
HARP	comp=Z,25nm,0.7s					
PAX	Paxson	86.33 26	eP	P	19 50 03.7	-0.7

PAX	comp=Z,13nm,0.6s					
PAX	Paxson	86.33 26	eP	P	19 50 03.7	-0.7
GEYT	Aliitka	86.79 308	P	P	19 50 06.9	-0.3
GEYT	comp=Z,3.3nm,0.7s,baz=108,slow=4.8,SNR=8.1					
UOSS	Minazif	86.87 295	eP	P	19 50 07.2	-0.6
UOSS	comp=Z,1.1nm,0.9s,baz=84,slow=2.8,SNR=34					
UOSS	Minazif	86.87 295	eP	P	19 50 07.2	-0.6
MENT	Mentasta	87.09 26	eP	P	19 50 07.6	-0.2
MENT	comp=Z,17nm,0.6s					
DOT	Dot Lake	87.12 26	eP	P	19 50 07.6	-0.2
DOT	comp=Z,47nm,0.9s					
AB31	Akbulak array	87.18 320	eP	P	19 50 30.3	+0.4
AB31	comp=Z,3.0nm,0.6s					
FYU	Fort Yukon	87.44 23	eP	P	19 50 10.1	+0.4
FYU	comp=Z,18nm,1.5s					
FYU	Fort Yukon	87.44 23	eP	P	19 50 10.1	+0.4
FYU	comp=Z,18nm,1.5s					
SVV	Sverdlovsk	88.09 327	eP	P	19 50 11.3	-1.6
SVV	comp=Z,2.2nm,0.8s,baz=112,slow=4.3,SNR=6.1					
AKTO	Aktovinsk	88.60 321	eP	P	19 50 14.5	-1.0
AKTO	comp=Z,2.2nm,0.8s,baz=112,slow=4.3,SNR=6.1					
ARU	Arti	89.15 327	iP	P	19 50 09.5	-8.5
ARU	comp=Z,4.0nm,1.2s					
ARU	Arti	89.15 327	eP	P	19 50 15.7	-2.2
ARU	comp=Z,4.0nm,1.2s					
AWD	Dawson	89.23 26	eP	P	19 50 37.3	-2.3
AWD	comp=Z,28nm,0.8s					
AWD	Dawson	89.23 26	eP	P	19 50 37.3	-2.3
AWD	comp=Z,28nm,0.8s					
HYT	Haines Junctio	89.53 29	eP	P	19 50 17.8	-0.5
HYT	comp=Z,12nm,0.9s					
HYT	Haines Junctio	89.53 29	eP	P	19 50 19.5	-0.3
HYT	comp=Z,12nm,0.9s					
SYO	Syowa Base	90.18 2011	eP	P	19 50 41.7	+0.2
SYO	comp=Z,1.0nm,0.7s,baz=350,slow=6.1,SNR=3.0					
INIK	Inuvik	92.21 22	eP	P	19 50 20.2	-2.3
INIK	comp=Z,2.2nm,0.5s,baz=263,slow=5.5,SNR=1.8					
INIK	Inuvik	92.21 22	eP	P	19 50 31.6	-0.3
INIK	comp=Z,2.2nm,0.5s,baz=263,slow=5.5,SNR=1.8					
INIK	Inuvik	92.21 22	eP	P	19 50 31.1	-0.8
INIK	comp=Z,2.2nm,0.5s,baz=263,slow=5.5,SNR=1.8					
INIK	Inuvik	92.21 22	eP	P	19 50 53.8	+0.1
INIK	comp=Z,2.2nm,0.5s,baz=263,slow=5.5,SNR=1.8					
INIK	Inuvik	92.21 22	eP	P	19 50 53.8	+0.1
INIK	comp=Z,2.2nm,0.5s,baz=263,slow=5.5,SNR=1.8					
RAYN	Ar Rayn	96.52 293	P	P	19 50 51.5	-1.3
RAYN	comp=Z,1.0nm,0.7s,baz=254,slow=7.4,SNR=3.6					
RAYN	Ar Rayn	96.52 293	eP	P	19 50 51.5	-1.3
RAYN	comp=Z,1.0nm,0.7s,baz=254,slow=7.4,SNR=3.6					
MO2C	Callahan	97.46 49	eP	P	19 50 13.2	-1.4
MO2C	comp=Z,0.4nm,0.8s,baz=281,slow=7.4,SNR=4.0					
MO2C	Callahan	97.46 49	eP	P	19 50 13.2	-1.4
MO2C	comp=Z,0.4nm,0.8s,baz=281,slow=7.4,SNR=4.0					
YBH	Yreka Blue Hor	97.56 49	P	P	19 50 57.0	-0.1
YBH	comp=Z,1.0nm,0.7s,baz=350,slow=6.1,SNR=3.0					
N02D	Trinity Center	97.58 49	P	P	19 50 56.6	-0.6
N02D	comp=Z,1.0nm,0.7s,baz=350,slow=6.1,SNR=3.0					
KIV	Kislovodsk	98.73 314	eP	P	19 51 01.0	-1.3
KIV	comp=Z,10.0nm,1.1s					
KIV	Kislovodsk	98.73 314	eP	P	19 51 01.0	-1.3
KIV	comp=Z,10.0nm,1					

28d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like COEN, FORT, STKA, etc.

ISCJB 28 19:57:45.8.0.1, 26.56N, 140.61E, h489km, M4.4, DC 28 19:57:46.1.0.9, 26.40N, 140.74E, h495km, 1.0km, mb3.5/18, mb1 3.4/21, mb1mx3.2/59, mbtmp4.1/21, Error ellipse: s-maj=14.8km s-min=10.7km az=77.0

ISC 28 19:47:45.8.0.6, 26.51N, 140.08E, 140.9E, 1.1, h489km, n33, -1824/16, mb3.6/18, Bonin Islands region

Main station list table for the 28d 20h period, including stations like JHHJ, JHHJ, CBJJ, etc.

IDC 28 20:00:33.4.0.7, 29.45S, 177.10W, h0km, mb4.5/11, mb1 4.7/17, mb1mx4.5/27, mbtmp4.5/13, ML4.3/2, MS4.0/9, Ms1 4.0/9, ms1mx3.6/30, Error ellipse: s-maj=23.0km s-min=14.7km az=170.0

NEIC 28 20:00:34.5.0.12, 29.55S, 177.04W, h10km, mb5.0/43, Error ellipse: s-maj=8.0km s-min=4.1km az=113.0

BJJ 28 20:00:34.3.29.37S, 177.00W, h11km, mb5.0/10, mb5.5/8, Ms5.2/7, Ms7 4.9/6

ISCJB 28 20:00:36.0.3, 29.66S, 177.00E, 177.14W, 0.04, h31km, mb5.0/48, MS4.2/11, Error ellipse: s-maj=5.2km s-min=3.2km az=6.0

MOS 28 20:00:37.1.1, 29.56S, 177.20W, h33km, mb4.8/8, Error ellipse: s-maj=16.6km s-min=12.3km az=4.3

WEL 28 20:00:45.8.1.3, 30.2S, 177.8W, 1.6, h33km, ML5.0/2, Paso Flores 1.9, 48 127, PKPbc

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, H, m, s, ISC. Includes stations like GLKZ, RAO, RAO, etc.

2012 JAN

Main station list table for the 2012 JAN period, including stations like NMHZ, ARHZ, BKZ, etc.

1414

Main station list table for the 1414 period, including stations like CASY, GUMG, GUMG, etc.

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
VRH	Novokhoporyorsk	143.95 318	ePKIKP	PKPab	pmx	pmx	20 20 07.3	-0.6
comp=Z,4.0nm,0.6s								
FIAT	FINESS Array S	144.65 341	ePKP	PKPab	pmx	pmx	20 20 09.7	-0.5
FIAD	FINESS Array S	144.65 341	ePKP	PKPab	pmx	pmx	20 20 08.9	-1.3
FIAD	FINESS Array S	144.65 341	ePKP	PKPab	pmx	pmx	20 20 08.9	-1.3
FINES	FINESS Array B	144.65 341	PKP	PKPab	pmx	pmx	20 20 08.9	-1.3
comp=Z,9.8nm,0.8s,baz=61,slo=3.1,SNR=33								
OBN	Obninsk	144.93 326	ePKIKP	PKPab	pmx	pmx	20 20 10.5	-0.9
OBN	Malin Array Si	151.10 324	ePKIKP	PKPab	pmx	pmx	20 20 25.2	
OBN	Malin Array Si	151.10 324	ePKIKP	PKPab	pmx	pmx	20 23 29.9	
comp=Z,19nm,0.7s								
OBN	Malin Array Si	151.10 324	ePKIKP	PKPab	pmx	pmx	20 20 07.3	-0.6
comp=Z,4.0nm,0.6s								
OBN	Malin Array Si	151.10 324	ePKIKP	PKPab	pmx	pmx	20 20 07.3	-0.6
LPSR	Galich'ya Gora	144.96 321	ePKIKP	PKPbc	pmx	pmx	20 20 10.4	-1.2
LPSR	Galich'ya Gora	144.96 321	ePKIKP	PKPbc	pmx	pmx	20 20 10.4	-1.2
comp=Z,10.0nm,0.8s								
KBZ	Khabaz	145.25 305	ePKPbc	PKPbc	pmx	pmx	20 20 12.7	-0.1
comp=Z,2.4nm,0.9s,baz=90,slo=8.9,SNR=4.1								
VSR	Storozhevo	145.42 319	ePKIKP	PKPbc	pmx	pmx	20 20 11.4	-1.8
VSR	Storozhevo	145.42 319	ePKIKP	PKPbc	pmx	pmx	20 20 11.4	-1.8
comp=Z,10.0nm,0.6s								
NC303	NORSAR Array S	147.89 352	ePKP	PKPbc	pmx	pmx	20 20 18.1	+1.1
NB2	NORSAR Subarray	148.09 352	PKP	PKPbc	pmx	pmx	20 20 19.1	-1.5
comp=Z,3.4nm,0.7s,baz=10,slo=2.9								
NB00	NORSAR Array S	148.09 352	ePKP	PKPbc	pmx	pmx	20 20 19.3	-1.3
NB00	NORSAR Array S	148.09 352	ePKP	PKPbc	pmx	pmx	20 20 19.3	-1.3
comp=Z,6.7nm,0.8s,baz=10,slo=4.5,SNR=12								
AKASG	Malin Array B	151.10 324	ePKPbc	PKPbc	pmx	pmx	20 20 27.0	-1.3
comp=Z,8.4nm,0.7s,baz=127,slo=4.0,SNR=43								
AKSB	Malin Array Si	151.10 324	ePKIKP	PKPbc	pmx	pmx	20 20 27.2	-1.1
AKB1	Malin Array Si	151.10 324	ePKIKP	PKPbc	pmx	pmx	20 20 27.2	-1.1
AKB11	Keskin Array S	152.83 300	ePKPbc	PKPbc	pmx	pmx	20 20 31.9	-0.9
AKB11	Keskin Array S	152.83 300	ePKPbc	PKPbc	pmx	pmx	20 20 31.7	-1.1
AKB11	Keskin Array S	152.83 300	ePKPbc	PKPbc	pmx	pmx	20 20 31.9	-0.9
AKB11	Keskin Array S	152.83 300	ePKPbc	PKPbc	pmx	pmx	20 20 31.9	-0.9
comp=Z,7.9nm,1.0s,baz=127,slo=4.0,SNR=16								
KWP	Kalwaria Pacla	154.96 328	ePKP2	PKPab	pmx	pmx	20 20 50.7	-1.7
KWP	Kalwaria Pacla	154.96 328	ePKP2	PKPab	pmx	pmx	20 20 50.7	-1.7
CRVS	Stebnicka Huta	155.77 330	ePKP	PKPab	pmx	pmx	20 20 55.6	-0.3
STHS	Cervenica-Dubn	156.05 329	ePKP2	PKPab	pmx	pmx	20 20 56.4	-0.7
CRVS	Cervenica-Dubn	156.05 329	ePKP	PKPab	pmx	pmx	20 20 56.3	-0.8
LANS	Liptovska Anna	156.73 332	ePKP2	PKPab	pmx	pmx	20 20 59.1	-0.9
LANS	Liptovska Anna	156.73 332	ePKP2	PKPab	pmx	pmx	20 20 59.1	-0.9
UPC	Uvice	156.89 338	ePKP2	PKPab	pmx	pmx	20 20 59.8	-0.8
UPC	Uvice	156.89 338	ePKP2	PKPab	pmx	pmx	20 20 59.8	-0.8
DPC	Dobruska-Polom	156.93 338	ePKP2	PKPab	pmx	pmx	20 20 59.8	-1.0
DPC	Dobruska-Polom	156.93 338	ePKP2	PKPab	pmx	pmx	20 20 59.8	-1.0
COLL	Colim	157.04 343	ePKP2	PKPab	pmx	pmx	20 20 59.1	-2.1
comp=Z,5.0nm,0.9s								
COLL	Colim	157.04 343	ePKP2	PKPab	pmx	pmx	20 20 32.0	+1.2
COLL	Colim	157.04 343	ePKP2	PKPab	pmx	pmx	20 20 59.1	-2.1
comp=Z,5.0nm,0.9s								
BRG	Berggiesshubel	157.19 342	ePKP	PKPab	pmx	pmx	20 21 00.7	-1.2
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
comp=Z,8.0nm,1.1s								
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
comp=N,350nm,19.6s								
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
comp=E,213nm,17.0s								
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
BRG	Berggiesshubel	157.19 342	ePKP2	PKPab	pmx	pmx	20 21 00.7	-1.2
comp=Z,430nm,25.1s								
PVCC	Panska Ves	157.32 340	ePKP2	PKPab	pmx	pmx	20 21 01.9	-0.5
PVCC	Panska Ves	157.32 340	ePKP2	PKPab	pmx	pmx	20 21 01.9	-0.5
YVNH	Yvnh	157.50 331	ePKP	PKPab	pmx	pmx	20 21 02.1	-1.2
YVNH	Yvnh	157.50 331	ePKP	PKPab	pmx	pmx	20 21 02.1	-1.2
PRU	Pruhonice	157.81 340	ePKP2	PKPab	pmx	pmx	20 21 04.0	-0.5
PRU	Pruhonice	157.81 340	ePKP2	PKPab	pmx	pmx	20 21 04.0	-0.5
KHC	Kasperske Hory	158.86 340	ePKP2	PKPab	pmx	pmx	20 21 07.5	-1.7
KHC	Kasperske Hory	158.86 340	ePKP2	PKPab	pmx	pmx	20 21 07.5	-1.7
KHC	Kasperske Hory	158.86 340	ePKP2	PKPab	pmx	pmx	20 21 07.5	-1.7
KHC	Kasperske Hory	158.86 340	ePKP2	PKPab	pmx	pmx	20 21 07.5	-1.7
GERES	GERESS Array B	159.07 340	PKPab	PKPab	pmx	pmx	20 21 08.5	-1.7
comp=Z,1.0nm,0.7s,baz=35,slo=4.9,SNR=6.7								
CONA	Conrad Observa	159.13 335	ePKPab	PKPab	pmx	pmx	20 21 09.6	-0.9
comp=Z,6.7nm,1.3s								
MOA	Molln	159.77 337	iPKPab	PKPab	pmx	pmx	20 21 12.7	-0.5
comp=Z,3.5nm,0.8s								
SOKA	Soboth	160.49 334	iPKPab	PKPab	pmx	pmx	20 21 15.4	-1.1
comp=Z,5.5nm,1.2s								
KBA	Koelbrenspen	160.75 338	ePKPab	PKPab	pmx	pmx	20 21 18.4	+0.8
comp=Z,8.6nm,1.6s								
MYKA	Terra Mystica	161.04 336	ePKPab	PKPab	pmx	pmx	20 21 16.4	-2.4
comp=Z,2.4nm,0.7s								
WATA	Waldersa	161.66 341	iPKPab	PKPab	pmx	pmx	20 21 17.7	-1.2
comp=Z,2.2nm,0.7s								
RETA	Reutte	161.13 343	ePKPab	PKPab	pmx	pmx	20 21 18.2	-1.0
comp=Z,7.5nm,1.5s								
MOTA	Mossalm	161.18 342	ePKPab	PKPab	pmx	pmx	20 21 18.0	-1.5
comp=Z,3.9nm,0.9s								
FUORN	Torofass-Fuorn	162.06 343	ePKPab	PKPab	pmx	pmx	20 21 20.5	-3.0
TORD	Tordi Ar. Bea	163.75 176	PKPbc	PKPbc	pmx	pmx	20 20 39.4	+0.2
comp=Z,1.0nm,0.9s,baz=323,slo=1.2,SNR=5.0								
TORD	Tordi Ar. Bea	163.75 176	PKPbc	PKPbc	pmx	pmx	20 21 32.2	+1.8
comp=Z,1.5nm,0.6s,baz=177,slo=3.9,SNR=5								
TOA1	Tordi Ar. Sit	163.57 176	ePKPbc	PKPbc	pmx	pmx	20 20 39.4	+0.2
TOA1	Tordi Ar. Sit	163.57 176	ePKPbc	PKPbc	pmx	pmx	20 21 32.2	+1.8

KRSZ 28 20:04:56.9±1.1,53°27'N,160°70'E,h50km±12km,ML3.8, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
SPN	Mys Shipunski	0.44 248	iP	PKPab	pmx	pmx	20 05 08.8	+1.4
SPN	Nalytchevo	0.82 264	eP	PKPab	pmx	pmx	20 05 13.5	+1.4
KIL	Karymskiy	1.07 316	eS	PKPab	pmx	pmx	20 05 16.8	+1.2
KIL	Karymskiy	1.07 316	eS	PKPab	pmx	pmx	20 05 29.3	-0.1
SDLR	Sedlovina	1.09 271	iP	PKPab	pmx	pmx	20 05 17.5	+1.6
SDLR	Sedlovina	1.09 271	iP	PKPab	pmx	pmx	20 05 31.2	+1.3
UGLR	Uglovaya	1.13 268	iP	PKPab	pmx	pmx	20 05 18.4	+2.0
UGLR	Uglovaya	1.13 268	iP	PKPab	pmx	pmx	20 05 31.2	+1.6
SMAR	Somma	1.14 271	eP	PKPab	pmx	pmx	20 05 32.1	+0.8
SMAR	Somma	1.14 271	eP	PKPab	pmx	pmx	20 05 32.1	+0.8
AVH	Avacha	1.18 271	eP	PKPab	pmx	pmx	20 05 32.1	+0.8
AVH	Avacha	1.18 271	eP	PKPab	pmx	pmx	20 05 34.0	+2.0
DALK	Dalny	1.20 259	eP	PKPab	pmx	pmx	20 05 18.6	+1.6
DALK	Dalny	1.20 259	eP	PKPab	pmx	pmx	20 05 31.2	+1.6
KRX	Arik	1.23 275	eP	PKPab	pmx	pmx	20 05 19.4	+1.6
KRX	Arik	1.23 275	eP	PKPab	pmx	pmx	20 05 34.1	+0.7
KOK	Koryaka	1.24 272	eP	PKPab	pmx	pmx	20 05 19.3	+1.4
PET	Petropavlovsk	1.26 260	eP	PKPab	pmx	pmx	20 05 19.7	+1.7
PET	Petropavlovsk	1.26 260	eP	PKPab	pmx	pmx	20 05 34.9	+1.1
RUS	Russkaya	1.57 239	iP	PKPab	pmx	pmx	20 05 24.1	+1.9
RUS	Russkaya	1.57 239	iP	PKPab	pmx	pmx	20 05 42.6	+1.3
KRMR	Karymskiy	1.61 255	eP	PKPab	pmx	pmx	20 05 24.9	+2.1
KRMR	Karymskiy	1.61 255	eP	PKPab	pmx	pmx	20 05 44.3	+1.9
GNL	Ganay	1.70 286	eP	PKPab	pmx	pmx	20 05 26.4	+2.2
GNL	Ganay	1.70 286	eP	PKPab	pmx	pmx	20 05 47.0	+2.6
KZV	Kizimen	1.86 353	eP	PKPab	pmx	pmx	20 05 29.6	+3.1
KZV	Kizimen	1.86 353	eP	PKPab	pmx	pmx	20 05 51.9	+3.0
ASAK	Asacha	1.92 244	eP	PKPab	pmx	pmx	20 05 29.9	+2.8
TUMD	Tumrok D	1.95 355	eP	PKPab	pmx	pmx	20 05 30.1	+2.6
TUMD	Tumrok D							

28d 22h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VAMOS, APEIRANTHOS, SIVAS, etc.

DDA 28 21:33:30.7, 35.69N, 27.31E, h2km, M13.2
ISCJB 28 21:33:32.6, 0.7, 35.61N, 27.44E, 0.06, h31km, 5km,
Error ellipse: s-maj=11.1km s-min=4.1km az=142.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP, ARG, ZKR, etc.

2012 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYDN, GCAM, APE, etc.

DJA 28 21:45:24.8, 0.8, 2.5, 4.13, 13.4E, h11km, 7km, M3.5/6,
MLV3.5/6, Irian Jaya region

IPEC 28 21:58:54.1, 0.1, 47.82N, 14.27E, h0km, 1km, ML1.8/6,
Error ellipse: s-maj=0.9km s-min=0.8km az=105.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOA, KBA, ARSA, etc.

KHC Kasperske Hory 1.33 339 ePg
KHC comp=2.1nm, 0.2s
KHC Kasperske Hory 1.33 339 Pg

MYKA Terra Mystica 1.34 200 ePg
MYKA Terra Mystica 1.34 200 ePg

ABTA Abfaltersbach 1.67 227 Pg
ABTA Abfaltersbach 1.67 227 iPg

WATA Walderalm 1.92 254 Pn
WATA Walderalm 1.92 254 ePn

WATA Walderalm 1.92 254 ePg
WATA Walderalm 1.92 254 ePg

GOPC GO Peeny, Ondr 2.05 9 eSg
GOPC GO Peeny, Ondr 2.05 9 Sg

PRU Pruhoonice 2.11 4 ePg
PRU Pruhoonice 2.11 4 ePg

PRU Pruhoonice 2.11 4 Pg
MOTA Moosalm 2.23 257 Pn

PRU Pruhoonice 2.11 4 ePg
PRU Pruhoonice 2.11 4 ePg

ICD 28 21:59:23.1, 4.2, 59.07S, 22.63W, h0km, mb3.8/1,
mb1.3, 8/1, mb1mx3.5/20, mbtm3.8/1, Error ellipse:
s-maj=224.7km s-min=91.5km az=90.0

1416

YKA Yellowknife Arr 139.84 314 PKP PKPdf 22 18 51 +0.8
SONM 0.2nm, 0.6s, baz=127, slow=2.3, SNR=4.1
0.3nm, 0.8s, baz=204, slow=3.2, SNR=2.4

ISCJB 28 21:59:35.0, 0.0, 8.19, 22.0, 0.1, 145.4E, 0.2, h214km,
mb3.5/15, Error ellipse: s-maj=22.6km s-min=14.8km
az=2.9

ICD 28 21:59:40.2, 5.1, 19.18N, 145.41E, h25km, 50km,
mb3.2/13, mb1.3, 4/13, mb1mx3.2/49, mbtm3.8/13, Error
ellipse: s-maj=22.5km s-min=13.7km az=95.0

ISC 28 21:59:36.5, 0.9, 19.22N, 0.1, 145.5E, 0.2, h214km, n14,
o094/15, mb3.5/13, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, KSRs, KLR, etc.

ILAR Eielson Array 63.39 26 P
BVAR Borovoye Array 65.97 320 P

YKA Yellowknife Arr 77.68 28 P
NVAR Nimitz Array Baa 83.03 52 P

FINES FINES Array B 86.37 335 P
TRN 28 22:01:28.4, 17.11N, 62.18W, h15km, MD3.8, 7C-2D,
Leward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLWT, NVRH, NVBH, etc.

ICD 28 22:04:56.0, 1.8, 59.17S, 24.19W, h0km, mb3.6/1,
mb1.3, 8/2, mb1mx3.6/16, mbtm3.8/2, ML3.8/1, MS3.2/1,
MLY7 0.3nm, 0.6s, baz=135, slow=2.4, SNR=5.9
s-min=50.6km az=86.0

ISC 28 22:04:57.9, 1.5, 59.2S, 0.2, 24.0W, 0.5, h10km, n7, o072/7,
South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA3, SNA, SNA, etc.

JMA 28 22:27:43.5, 0.2, 22.90N, 122.59E, h45km, M2.9
TAP 28 22:27:43.2, 22.79N, 122.60E, h70km, 1km, ML2.9, D
ISC 28 22:27:40.2, 0.2, 22.86N, 0.06, 122.61E, 0.04, h13km, 14km,
n37, o090/51, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHKT, FULB, FULB, etc.

YULB Yuli 1.32 294 eP
TWGbt Beinan 1.42 269 eP

ESL Shilin 1.44 311 eP
ESL Shilin 1.44 311 eP

ECL Taimali 1.56 261 eP
ECL Taimali 1.56 261 eP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MASBT Mashbuluo, SMLT Sun Moon Lake, JKRS Kuro-shima, etc.

IDC 28 22:30:45.0:1.6, 3.37N, 128.96E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/38, mbtmp3.9/6, Error ellipse: s-maj=73.2km s-min=11.9km az=66.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 28 22:48:25.8:2.5, 2.478S, 174.81W, h42km, mb3.7/4, mb1 4.1/5, mb1mx3.8/22, mbtmp4.0/5, ML3.8/1, MS3.1/2, Ms1 3.1/2, ms1mx2.7/24, Error ellipse: s-maj=144.9km s-min=20.6km az=158.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAR Rarotonga, DZM Mont Dzumac, PPT2 Papeete2, etc.

IDC 28 22:56:08.8:1.0, 42.03S, 172.70E, h0km, mb3.8/3, mb1 4.1/5, mb1mx3.9/19, mbtmp4.0/5, ML4.2/2, MS3.2/3, Ms1 3.2/3, ms1mx2.9/18, Error ellipse: s-maj=31.4km s-min=20.7km az=136.0

WEL 28 22:56:10.7, 42 S, 173 E, h12km, ML4.6/7, NEIC 28 22:56:11.6, 0.0, 42.01S, 172.58E, h9km, ML4.5(WEL), After WEL, NEIC Felt along the west coast of the South Island, BUJ 28 22:56:11.7, 42.04S, 172.55E, h10km, mb5.2/8, mb5.6/6, Ms5.0/4, Ms7.4/4

IDC 28 22:56:11.4:0.5, 42.05S, 0.03E, 172.64E, 0.03, h10km, n133, e1941/139, mb4.7/7, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THZ Tophouse, DSZ Denniston North, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHW Baring Head, PLWZ Palliser, RPZ Rata Peaks, etc.

IDC 28 23:03:33.6:1.6, 29.31S, 176.95W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/17, mbtmp3.6/2, Error ellipse: s-maj=57.7km s-min=23.4km az=176.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

IDC 28 23:20:24.2:1.49, 38S, 116.87E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/27, mbtmp3.6/2, MS3.4/4, Ms1 3.4/4, ms1mx3.2/18, Error ellipse: s-maj=166.1km s-min=47.8km az=116.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

OTT 28 23:21:56.9:0.4, 73.74N, 72.24W, h18km, ML3.0/4, Baffin Bay Seismic Zone, 22km northeast from Pond Inlet, Nu IC 28 23:21:53.2:0.8, 73.58N, 0.06E, 72.32W, 0.05, h10km, n16, e390/27, Baffin Bay

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TULEG Thule, KULLO Kullorsuaq, ILON Iglolik, etc.

IDC 28 23:24:47.6:1.1, 28.71N, 77.00E, h0km, mb3.7/9, mb1 3.8/12, mb1mx3.6/51, mbtmp3.7/12, ML3.6/3, MS3.2/3, Ms1 3.2/3, ms1mx2.6/48, Error ellipse: s-maj=30.4km s-min=22.6km az=67.0

NDI 28 23:24:52.5:2.0, 28.82N, 76.75E, h16km, mb3.4/3, NNC 28 23:25:59.5:0.3, 33.93N, 74.35E, h0km, mb4.1, mpv4.0, Error ellipse: s-maj=69.8km s-min=45.4km az=90.0

IDC 28 23:24:50.8:1.4, 28.81N, 0.03E, 76.79E, 0.04, h16km, n9km, n38, e216/48, mb3.6/10, 6C-4D, Northern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHGR Bahadurgarh, NDI New Delhi, RTK Rohtak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Thamee Wali, Cherat, Nagpur, Bokaro, Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mex 28 23:44:0.1, Mex 28 23:48:30.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vista Hermosa, Huatulco, Pinotepa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Boso 1, Boso 3, Boso 4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NORSAR Subarray, NORSAR Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Green Lake, Green Lake, Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Raoul Island, Raoul Island, etc.

ISK 28 23:25:32.1, 37.27N, 36.83E, h5km, MD3.0
DDA 28 23:25:32.9, 37.26N, 36.83E, h7km, M1.0
ISCJB 28 23:25:33.2, 0.5, 37.25N, 0.03, 36.82E, 0.03, h4km, 6km, Error ellipse: s-maj=5.2km s-min=4.3km az=30.4

NIED 28 23:52:00.34, 10N, 141.70E, h32km, Mw4.1 Best double couple: Mo 1.43000e19, N1 1.32590000e19, S4 5.00000e19, X 1.1360000e19, Y 1.3900000e19, Z 1.4500000e19, NPZ 1.3900000e19, S56.00000e19, 1-45.00000e19
JMA 28 23:52:47.2, 0.4, 34.09N, 141.74E, h27km, 3km, M1.8
IDC 28 23:52:47.3, 0.5, 34.16N, 141.54E, h0km, mb4.1/1.9, mb1 4.3/2.2, mb1mx4.1/4.7, mbtmp4.1/2.2, ML2.6, MS3.6/5, M1 3.6/5, ms1mx3.1/4.1, Error ellipse: s-maj=19.6km s-min=12.5km az=110.0
ISCJB 28 23:52:49.0, 0.4, 34.17N, 0.04, 141.66E, 0.05, h24km, mb4.0/2.1, MS4.5/3, Error ellipse: s-maj=5.8km s-min=4.9km az=154.3
NEIC 28 23:52:52.0, 0.4, 34.22N, 141.62E, h35km, mb4.1/1, Error ellipse: s-maj=10.0km s-min=6.3km az=90.0

WEL 28 23:57:17.3, 0.9, 32.9S, 178.8W, h33km, 10km, mb4.9/1.3
ISCJB 28 23:57:18.6, 0.3, 31.52S, 0.03, 178.46W, 0.08, h33km, mb5.0/3.0, MS3.9/1.8, Error ellipse: s-maj=10.1km s-min=2.6km az=16.4
NEIC 28 23:57:21.2, 1.2, 31.36S, 178.44W, h35km, 10km, mb4.9/1.3, Error ellipse: s-maj=9.5km s-min=7.9km az=121.0
IDC 28 23:57:25.0, 1.9, 31.19S, 178.44W, h65km, 15km, mb4.3/1.3, mb1 4.5/1.3, mb1mx4.4/2.7, mbtmp4.4/2.1, MS3.8/2.0, Ms1 3.8/2.0, ms1mx3.7/3.1, Error ellipse: s-maj=15.7km s-min=12.4km az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAMA, KMRS, KMRS, GAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BSO1, BSO3, BSO4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, URZ, URZ, etc.

CSEM 28 23:25:33.3, 0.1, 37.25N, 36.81E, h5km, MD3.0, Error ellipse: s-maj=3.0km s-min=2.7km az=31.0
ISC 28 23:25:33.3, 0.1, 37.26N, 0.02, 36.82E, 0.03, h7km, 9km, n32, -0.952/46, Turkey

ISC 28 23:52:50.1, 0.5, 34.19N, 0.04, 141.74E, 0.06, h24km, n56, 14.4/65, mb4.0/2.1, MS4.4/3, Off east coast of Honshu

ISC 28 23:52:50.1, 0.5, 34.19N, 0.04, 141.74E, 0.06, h24km, n56, 14.4/65, mb4.0/2.1, MS4.4/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR, TIR, TIR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, etc.

IDC 28 23:37:34.1, 2.2, 4.99S, 152.20E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/2.1, mbtmp3.6/3, Error ellipse:

AKASG Malin Array Be 76.72 323 P

CTAO Charters Tower 33.93 281 P

Table with columns: STKA, Name, Time, Res, and other parameters. Includes entries like STKA Stephens Creek, RKT Rikitea, PMG Port Moresby, etc.

Table with columns: KIEV, Name, Time, Res, and other parameters. Includes entries like KIEV Kiev, STAV Stavar, CSS Mathias, etc.

Table with columns: BRV, Name, Time, Res, and other parameters. Includes entries like BRV Borovoy, AKTO Aktyubinsk, ZALV Zalesovo Bam, etc.

29d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like BMT Bintulu, KAPI Kappang, RPKI Ransiki, etc.

2012 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like WHN, SRDT, NJ2, UTHA, NANT, etc.

1420

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO, MAT, MJAR, MJAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Q41A Truxton, P42A Winchester, W37B Quinton, etc.

Table with columns: CPUP, comp, LPAZ, LPAZ, ISC/JB, IDC, CSEM, UPP, HEL, Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, ISC/JB, IDC, CSEM, UPP, HEL, KUA, KUR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, CCIG, TGIG, MEX, CBLJ, CBLJ, JCJ, etc.

1-121.00000°. NP2q;226.00000°, 53.00000°, 1-64.00000°
ISCJB 29 01:47:07.71.3,36.74N.0.04:141.36E.0.07,h15km,8km,
mb3.6/7, Error ellipse: s-maj=10.1km s-min=6.4km
az=27.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONAJ, JHO, JFK, JYT, JFT, JMM, MJAR, etc.

ISC 29 01:47:08.4.1.8,36.76N.0.05:141.24E.0.07,h10km,
n22, c068/23, mb3.7/7, Near east coast of eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, ASAR, etc.

ISC 29 01:47:50.0.50.0,18.74S.179.36W,h0km,mb4.0/3,
mb1.4/2.3,mb1mx3.5/40,mbtmp4.0/3, Error ellipse:
s-maj=1507.7km s-min=153.9km az=80.0, Fiji Islands

ISC 29 01:48:17.9.1.5,61.53N.150.28W,h41km,15km,mb3.6/13,
mb1.3/7.1,mb1mx3.5/53,mbtmp3.7/17,ML3.3/4,MS2.7/1,
Ms1.2/7.1,ms1mx2.4/32, Error ellipse: s-maj=15.1km
s-min=8.9km az=107.0

ISCJB 29 01:48:18.8.0.2,61.50N.0.02:149.90W.0.04,h66km,3km,
mb3.7/13, Error ellipse: s-maj=4.1km s-min=2.7km
az=158.2

NEIC 29 01:48:20.6.0.0,61.46N.149.95W,h54km,ML3.5(AEIC),
After AEIC.

NEIC Feui [III] at Anchorage, Eagle River and Wasilla and [II] at
Chugiak, Elmerford Arb and Palmer. Also felt at Big Lake,
Circlevood and Willow.

ISC 29 01:48:19.8.0.7,61.47N.0.03:149.93W.0.02,h59km,5km,
n82, c1502/103, mb3.6/13, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FIB, RC01, SUA, PMA, etc.

RAGM Ragged Mount 2.78 111 ePn Pn 01 49 01.5 -0.4
TT01 Talatina 2.02 300 P Pn 01 49 07.2 -0.4
MENT Mentasta 3.26 60 ePn Pn 01 49 08.9 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCB, DOT, COLA, MDM, etc.

MEX 29 01:48:21.7.0.6,16.77N.99.79W,h27km,4km,MD3.7,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACX, ACP2, CAIG, etc.

ISCJB 29 01:55:25.2.0.4,7.18S.0.04:30.41E.0.06,h10km,
mb4.1/19,MS3.8/7, Error ellipse: s-maj=9.2km
s-min=5.8km az=9.2

ISC 29 01:55:26.6.0.3,7.10S.30.38E,h0km,mb3.9/12,
MEIG mb1.4/1.6,mb1mx4.0/37,mbtmp4.0/16,ML4.6/4,MS3.8/21,
Ms1.3/8.21,ms1mx3.7/31, Error ellipse: s-maj=24.8km
s-min=14.1km az=96.0

NEIC 29 01:55:27.6.0.4,7.14S.30.39E,h10km,mb4.5/8, Error
ellipse: s-maj=14.1km s-min=6.6km az=100.0

ISC 29 01:55:26.8.0.5,7.23S.0.04:30.27E.0.06,h10km,n44,
c284/43,mb4.2/19,MS3.9/17, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VZWVW, KOND, MBAR, etc.

BOSA 2.6km,0.8s,baz=12,slow=14,SNR=1.7
Lg Lg 02 06 47.8
BOSA 22nm,1.0s,baz=299,slow=19,SNR=2.2
Lg Lg 02 09 06.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARTA, ATD, SUR, etc.

ISCJB 29 01:56:42.0.0.8,32.78S.57.16E,h0km,mb4.0/13,
mb1.4/2.14,mb1mx4.0/37,mbtmp4.1/14,ML4.8/1,MS3.5/6,
Ms1.3/5.6,ms1mx3.2/31, Error ellipse: s-maj=28.2km
s-min=19.2km az=48.0

NEIC 29 01:56:43.2.0.3,32.83S.57.13E,h10km,mb4.6/10, Error
ellipse: s-maj=10.9km s-min=7.8km az=54.0

ISC 29 01:56:43.3.0.5,32.83S.57.15E,h10km,n47,
c0685/34,mb4.8/27,MS3.5/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABPO, OPO, H08S1, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKBR, CUC, MKAR, etc.

PGC 29 02:01:45.6:0.8, 52.238N:132.09W, h20km, ML4.0/11, ML4.0/11, 98km Ssw of Sandspit, Bc Haida Gwaii Region

ISC 29 02:01:45.6:1.4, 52.466N:0.06:132.04W:0.06, h15km, 8km, n81, c0.575/53, mb3.63, MS3.2/3, Queen Charlotte Islands region

Main table of station data with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BNB, DBB, H02S1, etc.

Main table of station data with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ATH, CSEM, PDG, etc.

Main table of station data with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HCY, IGT, IGT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 29 03:58.01.2-4.5, H10N2 ASCENSION HYDR 7.39 192, H10N1 ASCENSION HYDR 7.39 192, etc.

MAN 29 04:02:52, 8.74N:124.16E, h76km, mb4.4, ML3.3, MS3.1, 1C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCPH Dipolog City, DCPH Dipolog City, TBP Tagbilaran, etc.

SJA 29 04:14:36.5:1.0, 34.90S:69.54W, h197km, mb4.6, ML3.7, MW3.5

ISCJBJ 29 04:14:38.2:0.4, 34.82S:0.74W, h69.46W, 0.05, h181km, 3km, mb4.0/14, Error ellipse: s-maj=7.0km s-min=4.9km az=32.8

GUC 29 04:14:38.4:0.7, 34.93S:69.17W, h150km, ML4.4

IDC 29 04:14:38.8:2.7, 34.83S:69.40W, h168km, 24km, mb3.8/8, mb1.4/0.9, mb1mx3.8/24, mbtmp4.3/9, Error ellipse: s-maj=23.9km s-min=17.2km az=81.0

NEIC 29 04:14:39.0:0.4, 34.76S:69.89W, h205km, mb4.0/8, ML4.4(GUC), After GUC

ISC 29 04:14:39.0:0.8, 34.84S:0.05-69.44W, 0.06, h177km, 6km, n73, s127/89, mb4.0/14, 3C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, LMEL Las Melosas, NICH Los Niches, ANTU Antumapu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROCI El Roble, ROCH El Roble, ASAL Saigastaga, AASP Usपालता, etc.

IDC 29 04:14:56.9:0.5, 38.76N:43.48E, h0km, mb4.2/26, mb1.4/2/36, mb1mx4.2/51, mbtmp4.2/36, ML3.3/10, MS3.5/28, Ms1 3.5/28, ms1mx3.3/60, Error ellipse: s-maj=10.4km s-min=7.2km az=151.0

ISK 29 04:14:57.0:0.4, 39.12N:43.57E, h5km, ML4.5

TEH 29 04:14:57.0:0.4, 39.12N:43.57E, h18km, ML4.4

NEIC 29 04:14:57.0:0.4, 38.82N:43.60E, h5km, mb4.5/36, ML4.4(ISK), MN4.4(TEH), After ISK

MOS 29 04:14:57.0:1.2, 38.70N:43.59E, h10km, mb4.6/46, Error ellipse: s-maj=5.0km s-min=3.8km az=96.6

CSEM 29 04:14:58.0:0.1, 38.83N:43.61E, h2km, mb4.5/28, Error ellipse: s-maj=2.6km s-min=2.0km az=167.0

DDA 29 04:14:58.0:0.3, 38.84N:43.59E, h18km, ML4.2

ISN 29 04:14:58.6:1.1, 38.89N:43.55E, h0km, ML4.7

ISCJBJ 29 04:14:58.5:0.3, 38.81N:0.01-43.62E:0.01, h10km, 2km, mb4.4/82, MS3.5/21, Error ellipse: s-maj=2.0km s-min=1.6km az=172.2

TEH 29 04:15:00.0:0.3, 38.93N:43.57E, h18km, ML4.4

DSN 29 04:15:00.0:0.9, 38.71N:44.00E, h5km, Error ellipse: s-maj=25.7km s-min=4.7km az=72.0

ISC 29 04:14:59.3:0.6, 38.82N:0.01-43.58E:0.01, h11km, 3km, n556, s179/635, mb4.5/83, MS3.4/22, 74C-50D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, VMUR Van-Muradiye, VMUR Van-Muradiye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BASK Baskale_VAN, BASK Baskale_VAN, BASK Baskale_VAN, etc.

ITBZ 29 04:14:56.9:0.5, 38.76N:43.48E, h0km, mb4.2/26, mb1.4/2/36, mb1mx4.2/51, mbtmp4.2/36, ML3.3/10, MS3.5/28, Ms1 3.5/28, ms1mx3.3/60, Error ellipse: s-maj=10.4km s-min=7.2km az=151.0

ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, etc.

BGD Bogdanovka, BGD Bogdanovka, BGD Bogdanovka, etc.

DEM Demirkent, DEM Demirkent, DEM Demirkent, etc.

AKH Akhalkalaki, AKH Akhalkalaki, AKH Akhalkalaki, etc.

QAZ Qazax, Azerbaijan, QAZ Qazax, Azerbaijan, etc.

BDX Bademkaya, BDX Bademkaya, BDX Bademkaya, etc.

MAZI Mazidag, MAZI Mazidag, MAZI Mazidag, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, etc.

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like TBLG, BAYT, BRDA, EUZM, etc.

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like BHD, SOCHI, SOC, TOK, etc.

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like UZH, SOHO, KWP, DIVS, etc.

Table with columns: CUC, CUC, EIL, VRAC, AKASG, GERES, KBZ, ESDC, MDT, FINES, EKA, TORA, ARCES, KKAR, MKAR, ZALV, SCHO, YKA. Includes station names, coordinates, and time/res data.

ISCJB 29 06:44:00.6±0.7, 19:87S±0.10; 175:7W±0.2, h204km, mb3.9/9, Error ellipse: s-maj=24.5km s-min=9.6km

IDC 29 06:44:00.6±2.6, 19:85S±1.75; 172:7W, h188km, 2.4km, mb3.7/8, mb1.3/9.10, mb1mx3.6/40, mbtmp2.1/10, Error ellipse: s-maj=32.1km s-min=13.5km az=134.0

ISC 29 06:44:01.5±0.8, 20:00S±0.1; 175:6W±0.2, h204km, n17, α1508/19, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AFI, URZ, STKA, ASAR, WRA, MJAR, PETK, NVAR, ILAR, MKAR, ARCES, FINES, AKASG, BRTR, GERES.

ISCJB 29 06:53:47.1±0.9, 15:31N±0.09; 92:94W±0.07, h98km, 5.5km, mb3.8/6, Error ellipse: s-maj=15.9km s-min=10.4km az=16.2

MEX 29 06:53:48.3±0.4, 15:30N±0.92; 95W, h102km, 4km, MD4.0 IDC 29 06:53:48.2±2.2, 15:56N±0.70W, h92km, 2.2km, mb3.6/6, mb1.3/9.9, mb1mx3.5/39, mbtmp3.9/9, Error ellipse: s-maj=90.2km s-min=18.2km az=38.0

NEIC 29 06:53:49.4±0.0, 15:34N±0.92; 90W, h92km, MD4.0(MEX), After MEX.

ISC 29 06:53:47.7±1.0, 15:26N±0.09; 93:01W±0.05, h93km, 7km, n18, α1658/26, mb4.0/6, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PCIG, COIG, CGIG, TGIG, CMIG, HUIG, JTS, TXAR, PDAR, NVAR, YKA, ILAR, SEY, TIXI, MKAR.

IDC 29 07:07:26.6±16.0, 11:33N±3.22E, h0km, mb3.5/3, mb1.3/6.3, mb1mx3.2/42, mbtmp3.5/3, Error ellipse: s-maj=813.1km s-min=29.9km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MKAR, ZALV, WRA, MEX.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PINIG, TLIG, VHO, HUIG, MEIG, CAIG.

IDC 29 07:31:23.8±0.8, 12:20N±143.93E, h0km, mb3.7/8, mb1.3/9.8, mb1mx3.7/43, mbtmp3.7/8, Error ellipse: s-maj=38.6km s-min=16.1km az=111.0

ISCJJB 29 07:31:26.7±1.2, 20:00S±0.1; 143:9E±0.2, h26km, mb3.7/8, Error ellipse: s-maj=30.3km s-min=9.0km az=28.9

ISC 29 07:31:27.7±0.8, 12:20N±143.9E±0.2, h26km, n15, α098/10, mb3.7/8, South of Maracaibo Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GUMO, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, WRA, ASAR, STKA, MKAR, ILAR, YKA, NVAR, FINES.

ISCJB 29 07:35:18.6±0.3, 2:38S±0.03; 121:36E±0.03, h22km, mb4.3/21, MS3.6/7, Error ellipse: s-maj=4.6km s-min=4.4km az=161.0

DJA 29 07:35:19.3±0.2, 2:2S±12:1E±, h10km, M4.9/12, mb5.5/2, mb5.2/4, MLV4.8/12, Mw(mb)5.0/2

NEIC 29 07:35:23.4±0.9, 2:38S±121.39E, h57km, 1km, mb4.6/7, Error ellipse: s-maj=13.1km s-min=7.6km az=62.0

IDC 29 07:35:25.2±6.2, 2:32S±121:52E, h74km, 68km, mb3.7/7, mb1.3/9.8, mb1mx3.5/42, mbtmp4.0/8, ML4.0/1, MS3.7/8, Ms1.3/7.8, ms1mx3.3/38, Error ellipse: s-maj=80.2km s-min=16.9km az=58.0

ISC 29 07:35:20.2±0.6, 2:41S±121:30E±0.04, h22km, n59, α168/62, mb4.3/21, MS3.6/7, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TTSI, LUWI, LUVU, SPSI, MRSI, KAPI, MPSI, BSSI, KMSI, BKB, SANI, KBI, NLAJ, EDFI, LBMI, MTKI, SOEI, SOEI, KKM, SWI, FITZ, FITZ, BKNI, IPM, WRA, KULM, ASAR, ASAR, SURT, SKNT, NAYO, CHAI, PMG, PBKT, UTHA, JOWA, UTHA, CMAR, CMAR, CHTO, CHTO, NWAO, ENSHI, ENSHI, STKA, LSA, TAPN, RAMN, JIRN, GUN.

Table with columns: PKI, KKN, DMN, KOLL, DANN, PONY, SYUN, MKAR, AAK, ZALV, KURK, BOS, TOR. Includes station names, coordinates, and time/res data.

NEIC 29 07:46:00.35±0.50N; 139:00E, h29km, Mw4.6 Best double couple: M7.84000±0.119; N1.75275±0.0000; P.44.00000; T.166.00000; NP2.75±175.00000; δ80.00000; 1-47.00000

BJJ 29 07:46:37.5±35.39N; 139:53E, h31km, mb4.5/42, mb4.9/37, Ms4.3/24, Ms7.4/1/24

MOS 29 07:46:42.9±1.0, 35:53N; 138:94E, h40km, mb4.7/42, Error ellipse: s-maj=9.1km s-min=5.6km az=108.0

ISCJB 29 07:46:42.4±0.3, 35:53N±0.02; 138:96E±0.03, h30km, 2km, mb4.5/88, MS3.8/18, Error ellipse: s-maj=4.2km s-min=3.5km az=158.1

JMA 29 07:46:43.1, 35:54N; 138:98E, h21km, 1km, M4.7 Broadband fault plane solution: P waves. NP1: 158.00000; 374.00000; A-29.00000; NP2: 215.00000; 362.00000; A-162.00000; Principal axes: T P1g5.0000; Azm12.00000; N P1g57.0000; Azm312.00000; P P1g32.00000; Azm115.00000;

JMA Felt IV J1 IDC 29 07:46:44.1±2.0, 35:51N; 138:91E, h34km, 15km, mb4.0/23, mb1.4/3.27, mb1mx4.1/52, mbtmp4.3/27, ML4.0/3, MS3.8/15, Ms1.3/8.15, ms1mx3.5/43 Error ellipse: s-maj=14.9km s-min=10.6km az=74.0

NEIC 29 07:46:45.2±0.5, 35:51N; 138:91E, h40km, 4km, mb4.6/44, Error ellipse: s-maj=4.8km s-min=4.4km az=206.0

NEIC Felt [IV] at Yokohama and Iijima at Tokyo and Zushi. Also felt at Akishima, Atsugi, Fujisawa, Fussa, Hamura, Musashino, Numazu, Sagamihara, Sakado, Yokosuka and Zama. Recorded 14 JMA in Yamaguchi.

ISC 29 07:46:43.2±0.8, 35:53N±0.03; 139:01E±0.04, h26km, 5km, n189, α1940/204, mb4.5/89, MS3.8/18, 14C-10D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JOD2, JYJN, JYUJ, JYUJ, JRYU, SHZ3, JIZS, JIM2, MJAR, MJAR, MJAR, MAJO, MAJO, MAJO, MABT, INU, JHJ, JHJ, JHJ, JHJ, ERM, CBJ, CBJ, JCU, ASAJ, KSRS, KSRS, KSRS, KSAR, KSAR, JSR, USRK, MDJ, MDJ, YSS, YSS, DL2, DL2, KLR, KLR, KLR, KLR, NJ2, NJ2, NKL, TIA, BJJ, BJJ, BJT, BJT, ZEA, ZEA, ZEA, WHN, WHN, WHN, HHC, HHC, HHC, HHC.

29d 8h

2012 JAN

1440

Table with columns: TTY, TTY, Taiyuan, 14.80 328, P, Pn, 08 10 58.5 +1.8, etc. Lists various stations and their frequencies.

Table with columns: YAK, Makanchi Array, 38.12 314, P, Pmax, 08 14 33.3 -0.4, etc. Lists various stations and their frequencies.

Table with columns: STKA, Stephens Creek, 59.92 161, eP, P, 08 17 18.4 0.0, etc. Lists various stations and their frequencies.

0.4mm, 0.5s, baz=58, slow=9.4, SNR=18
FITZ Fitzroy Crossi 26.33 241 P 10 00 28.7 -0.4
4.2mm, 0.8s, baz=68, slow=11, SNR=4.0
TORO Torodi Ar. Bea 147.84 285 PKPbc PKPbc 10 14 39.4 -0.1
0.2mm, 0.3s, baz=88, slow=2.9, SNR=5.3

ISK 29 09:55:04.0, 36:09N-24:82E, h12km, ML4.6
ATH 29 09:55:05.6, 36:06N-25:03E, h32km, ML4.5/12, Error
ellipse: s-maj=1.4km s-min=0.5km az=73.0
ISCJB 29 09:55:06.3, 36:05N-25:01E-0.2, h31km, ML4.2km,
mb4.2/32, MS3.8/22, Error ellipse: s-maj=2.4km
s-min=1.9km az=42.9

THE 29 09:55:06.6, 36:07N-25:01E, h17km, 1km, ML4.6/14, Error
ellipse: s-maj=1.1km s-min=0.3km az=50.0
GCMT 29 09:55:06.6, 36:09N-24:93E, h20km, ML4.8/6/8,
Moment Tensor Solution, s16,c17; s68,c98; Duration:
0 Moment tensor: Scale 10^16Nm; Mr=1.19; 17;
Mo=0.12; 10; Mo=1.30; 10; Mo=0.17; 21; Mo=1.21; 07;
Mo=0.01; 16; Best double couple: Mo1.61900x10^16
NP1=47.000000; d49.000000; lambda=6.000000; NP2:
o=192.000000; d46.000000; lambda=116.000000; Principal axes:
T 1.9970, Plg2.0000; Azm120.0000; N -0.7620,
Plg18.0000; Azm211.0000; P -1.2400, Plg72.0000,
Azm25.0000; nst1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=10s.

CSEM 29 09:55:06.6, 36:04N-24:92E, h15km, ML4.6 Error
ellipse: s-maj=3.3km s-min=2.9km az=25.0
NEIC 29 09:55:06.6, 36:07N-25:01E, h17km, mb4.5/15,
ML4.5(ATH), ML4.6(TH), After THE.
PDG 29 09:55:06.6, 36:04N-25:09E, h20km, 1km, ML4.7/11,
Error ellipse: s-maj=1.0km s-min=1.1km az=0.0
MOS 29 09:55:07.8, 1.8, 35:98N-25:23E, h33km, mb4.3/15, Error
ellipse: s-maj=7.4km s-min=4.4km az=88.4
IDC 29 09:55:08.2, 1.5, 35:98N-25:00E, h40km, 15km, mb3.9/18,
mb1.4/0.22, mb1mx3.8/47, mbmp4.1/22, ML3.4/4, MS3.8/31,
Ms1.3/31, ms1mx3.7/47, Error ellipse: s-maj=13.3km
s-min=11.7km az=131.0

HLW 29 09:55:09.7, 36:02N-25:53E, h33km, 27km, ML4.5
GII 29 09:55:15.4, 0.0, 35:73N-26:00E, h1km
DDA 29 09:55:20.6, 36:90N-25:92E, h49km, ML4.5
ISC 29 09:55:06.9, 36:05N-02:25:05E-0.02, h20km, 2km,
n489, o1968/584, mb4.3/32, MS3.9/22, 28C-22D,
Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Thira Island, Santorini-Thir, Athinios (Pele), etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including KALE, KALITHEA, KASTELORIZON, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BUM Brajici-Budva, BUM Berane, KOM Kolasin, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like DPC Dobruska-Polom, KIV Kislovodsk, KVAR Kislovodsk Arr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like TORD, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

NEIC 29 09:59:17.5:0.0, 38:97N:43:66E, h5km, ML4.2(ISK), After

ISK 29 09:59:17.0: 38:97N:43:63E, h5km, ML4.0
CSEI 29 09:59:17.0: 1.2, 38:99N:43:72E, h2km, ML3.7, Error
ellipse: s-maj=2.7km s-min=1.9km az=149.0
IASPEI 29 09:59:17.3: 1.2, 38:98N:02:43:67E:0.03, h1km, 13km,

Error ellipse: s-maj=4.0km s-min=2.8km az=100.3, G75 selection from ISC bulletin G75 identified by Bond'jr and McLaughlin (2009) selection criteria Bond'jr and McLaughlin. A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, <i>>80</i> <i>S</i>, <i>465-472, 2009

DDA 29 09:59:17.5, 1.4, 38.96N, 43.65E, h11km, 70km, ML2.2
ISN 29 09:59:17.5, 1.4, 38.97N, 0.02, 43.67E, h1km, 10km, n114, s192/0162, 29C-31D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like VMUR, CLDR, VANB, TVAN, DYDN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like GBS, QUBA, ATGJ, SIZA, GOBA, NDR, GALA, BHD, etc.

ATH 29 10:07:00.9, 41.41N, 20.35E, h22km, 2km, ML2.2/3, Error ellipse: s-maj=4.0km s-min=1.1km az=205.0
TIR 29 10:07:01.3, 0.3, 41.29N, 20.34E, h2km, ML3.4
CSEM 29 10:07:02.3, 0.2, 41.29N, 20.34E, h2km, ML2.2, Error ellipse: s-maj=7.9km s-min=3.8km az=50.0
PDG 29 10:07:02.7, 0.3, 41.32N, 20.27E, h2km, ML2.4/8, Error ellipse: s-maj=0.6km s-min=0.8km az=0.0
SKO 29 10:07:02.9, 41.35N, 20.32E, h8km, M1.6, ML2.1
ISC 29 10:07:01.7, 1.1, 41.25N, 0.03, 20.28E, 0.02, h4km, 10km, n42, s116/77, 11C-7D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like TIR, TIR, TIR, TIR, TIR, TIR, TIR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like PPK, PPK, PPK, PPK, PPK, PPK, PPK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like PUK, PUK, PUK, PUK, PUK, PUK, PUK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like SJA, GUC, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like FCH, FCH, FCH, LMEL, LMEL, LMEL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like IDC, IDC, IDC, IDC, IDC, IDC, IDC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like IDC, IDC, IDC, IDC, IDC, IDC, IDC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like MEX, MEX, MEX, MEX, MEX, MEX, MEX, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like MAN, MAN, MAN, MAN, MAN, MAN, MAN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like DJA, DJA, DJA, DJA, DJA, DJA, DJA, etc.

IDC 29 11:14:59.8, 0.5, 28.54N, 129.00E, h0km, mb3.9/16, m1 4.1/18, mb1mx4.0/46, mbtmp3.9/18, ML3.2/2, MS3.5/7, M1 3.5/7, m1mx3.1/40, Error ellipse: s-maj=21.6km s-min=13.1km az=87.0
NIED 29 11:15:06.8, 0.5, 28.44N, 129.02E, h51km, 4km, mb4.6/31, Error ellipse: s-maj=5.9km s-min=4.0km az=127.0
NISC Recorded [2 JMA] on Amami-oshima and Yoro-jima
ISC 29 11:15:02.9, 0.8, 28.45N, 0.03, 129.03E, 0.04, h19km, 2km, n110, s194/131, mb4.3/42, MS3.7/5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC h m s, ISC P, ISC S, ISC B. Lists stations like JAMN, JAMN, JAMN, JAMN, JAMN, JAMN, JAMN, etc.

Err: s-maj=20.5km s-min=10.9km az=174.2 NEIC 29 12:38:24.6.2.7.58:23S:24.69W,h58km,2.3km,mb4.5/6, Error ellipse: s-maj=18.3km s-min=12.3km az=109.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA4 Sanae, etc.

mb3.7/14.MS3.0/1, Error ellipse: s-maj=6.6km s-min=4.9km az=154.8 JMA 29 12:39:39.2.0.2.38:27N:143.01E,h31km,4km,M4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, OFUJ Ouri, OFUJ Ichinoseki, etc.

ISCJB 29 13:28:48.6.0.8.5:63N:0.09:126.3E:0.1,h116km, mb3.3/6, Error ellipse: s-maj=18.5km s-min=8.6km az=145.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, GSPH Davao City (W), DAV 32nm,0.3s,baz=315,slow=5.7,SNR=2.3, etc.

IDC 29 12:47:44.2.1.6.0:24N:97.65E,h0km,mb3.8/7,mb1.3/9, mb1mx3.6/50,mbmp3.8/9,ML3.7/2,MS2.6/1,MS1.2/6/1, ms1mx2.3/48, Error ellipse: s-maj=49.2km s-min=19.7km az=61.0

ISCJB 29 12:47:46.9.0.7.0:30N:0.07:97.7E:0.1,h29km,mb4.1/14, Error ellipse: s-maj=16.5km s-min=7.8km az=159.2

NEIC 29 12:47:49.7.0.5.0:30N:97.72E,h35km,mb4.5/8, Error ellipse: s-maj=13.6km s-min=6.5km az=70.0

ISC 29 12:47:48.7.0.5.0.1:97E:0.2,h29km,n35, mb84/34,mb4.1/14,Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, PSI Prapat, PSI Prapat, etc.

mb3.7/14.MS3.0/1, Error ellipse: s-maj=6.6km s-min=4.9km az=154.8 JMA 29 12:39:39.2.0.2.38:27N:143.01E,h31km,4km,M4.0

IDC 29 13:23:00.9.0.6.38:23N:0.05:143.07E:0.05,h18km, mb3.7/13, Error ellipse: s-maj=7.4km s-min=5.8km az=169.1

NEIC 29 13:25:02.0.0.7.38:22N:0.06:143.08E:0.07,h18km,n29, s-maj=25.7km s-min=16.8km az=96.0

ISC 29 13:25:02.0.0.7.38:22N:0.06:143.08E:0.07,h18km,n29, s-maj=25.7km s-min=16.8km az=96.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OFUJ Ouri, OFUJ Ofunato, OFUJ Ichinoseki, etc.

ISCJB 29 13:28:48.6.0.8.5:63N:0.09:126.3E:0.1,h116km, mb3.3/6, Error ellipse: s-maj=18.5km s-min=8.6km az=145.8

ISC 29 13:28:49.3.0.7.5:60N:0.09:126.2E:0.1,h116km,n11, az=145.8

ISC 29 13:28:49.3.0.7.5:60N:0.09:126.2E:0.1,h116km,n11, az=145.8

ISC 29 13:28:49.3.0.7.5:60N:0.09:126.2E:0.1,h116km,n11, az=145.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, GSPH Davao City (W), DAV 32nm,0.3s,baz=315,slow=5.7,SNR=2.3, etc.

IDC 29 12:50:47.4.4.5.20:65S:179.01E,h0km,mb3.4/3, mb1.3/8,mb1mx3.4/3,mbmp3.4/3, Error ellipse: s-maj=32.4,km s-min=37.7km az=157.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, PDAR Pinedale Array, etc.

MAN 29 13:28:47.5.1.5.96N:126.61E,h92km,10km,mb3.1/6, mb1.3/6,mb1mx3.1/48,mbmp3.4/6, Error ellipse: s-maj=71.3km s-min=15.1km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 29 13:28:47.5.1.5.96N:126.61E,h92km,10km,mb3.1/6, etc.

IDC 29 13:52:08.1.2.2.172N:126.41E,h0km,mb3.3/3, mb1.3/3,mb1mx3.1/43,mbmp3.3/3, Error ellipse: s-maj=182.5km s-min=26.9km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

NIED 29 13:23:00.38:30N:143.00E,h20km,Mw3.8 Best double couple: M5.67000x10^14 NP1.3e129.00000, 837.00000, 1.24.00000. NP2.2e269.00000, 860.00000, 1.68.00000

ISCJB 29 13:23:38.0.0.5.38:27N:0.04:143.07E:0.05,h23km, Error ellipse: s-maj=18.5km s-min=8.6km az=145.8

NNC 29 13:56:48.3.2.7.40:93N:82.81E,h0km,mb3.1,mpv2.8, Error ellipse: s-maj=18.9km s-min=12.1km az=147.0

SOME 29 13:56:49.3.1.41.25N:83.08E,h10km Error ellipse: s-maj=18.5km s-min=8.6km az=145.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PDGK Podgornoye, PDGK 1.0nm,0.8s, PDGK 1.6nm,0.5s, etc.

SOME 29 14:16:18.2,40.35N:73.27E,h0km
KRNET 29 14:16:19.0,1.40.31N:73.27E,h18km,mb3.5
NINC 29 14:16:19.6,0.5,40.33N:73.28E,h0km,mb3.8,mpv3.5,
Error ellipse: s-maj=7.9km s-min=2.1km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ARSFB Arslanbob, ARSFB 739nm,0.3s, ARSFB 1.03355, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TKM2 Tokmak 2, TKM2 7.9nm,0.5s, TKM2 22nm,0.5s, etc.

IDC 29 14:37:35.2,2.6,10.41N:79.33W,h0km,mb3.5/5,
mb1 4.1/7,mb1mx3.7/31,mbtmp3.8/7,ML4.1/2,MS2.5/1,
Ms1 2.5/1,ms1mx2.2/24,Error ellipse: s-maj=67.3km
s-min=30.1km az=11.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include IDC 29 14:37:36.9,0.5,10.16N:0.06:79.40W:0.05,h33km,
mb3.9/5,Error ellipse: s-maj=8.6km s-min=6.2km az=24.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISC 29 15:08:52.9,1.9,14.5S:0.7:174.2W:0.4,h35km,n12,
c029R3,mb3.7,MS3.8/12,Samao Islands region

IDC 29 15:17:34.7,1.7,17.04S:171.61E,h0km,mb4.1/9,
mb1 4.3/9,mb1mx3.9/38,mbtmp4.0/9,MS3.9/4,Ms1 3.8/4,
ms1mx3.2/31,Error ellipse: s-maj=69.1km s-min=22.1km
az=144.0

ISC 29 15:17:38.5,1.2,17.0S:0.3:171.5E:0.2,h33km,mb4.0/9,
mb3.9/4,Error ellipse: s-maj=53.1km s-min=17.6km
az=144.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISC 29 15:17:40.2,1.4,17.0S:0.3:171.6E:0.3,h35km,n12,
c128/10,mb4.2/9,MS3.8/4,Vanuatu Islands region

HHC	Hu-ho-hao-te	20.93 295	eP	P	17 06 04.5 +1.0
HHC			S	S	17 09 31.5 -2.9
HHC			ScS	ScS	17 16 43.0 -2.3
HHC	comp=Z,78nm,1.0s		pmax	pmax	
BTO	Baotou	22.05 293	eP	P	17 06 12.8 -1.0
XAN	Xi'an	23.09 276	eP	P	17 06 22.8 -0.5
XAN			sP	sP	17 08 05.0 +4.4
XAN			S	S	17 10 05.5 -3.8
XAN	comp=Z,40nm,0.7s		pmax	pmax	
XAN	comp=Z,170nm,3.5s		pmax	pmax	
ENH	Enshi	23.52 267	eP	P	17 06 26.4 -0.8
PETK	Petrovlovsk-	23.58 32	P	P	17 06 28.6 +1.3
PETK	comp=Z,22nm,0.8s,baz=227,slow=5.5,SNR=40				
PEAT	Petrovlovsk-	24.09 323	eP	P	17 06 28.6 +1.3
CIT	Chita		P	P	17 06 32.7 +0.7
CIT			pmax	pmax	
ULN	Ulaanbaatar	25.83 310	d/P	P	17 06 49.3 +1.5
ULN			ScP	ScP	
ULN	comp=Z,39nm,0.8s		pmax	pmax	
ULN	Ulaanbaatar	25.83 310	eP	P	17 06 49.5 +1.6
SONAO	Songino Array	26.24 309	eP	P	17 06 53.0 +1.5
SONM	Songino Array	26.24 309	P	P	17 06 53.0 +1.6
SONM	comp=Z,26nm,0.6s,baz=112,slow=8.7,SNR=204				
SONM			PcP	PcP	
SONM	comp=Z,1.4nm,0.6s,baz=120,slow=2.3,SNR=5.1				
SONM			ScP	ScP	
SONM	comp=Z,0.5nm,0.6s,baz=108,slow=2.7,SNR=7.1				
SONM			P	P	
SONM	Songino Array	26.24 309	P	P	17 06 53.0 +1.6
SONM			pmax	pmax	
SONM	comp=Z,25nm,0.6s		pmax	pmax	
SONM	comp=Z,1.0nm,0.6s		pmax	pmax	
SONM	comp=N,1.0nm,0.6s		pmax	pmax	
MA2	Magadan	26.50 16	P	P	17 06 54.5 +1.1
LZH	Lanzhou	26.93 283	U/P	P	17 06 57.5 -0.2
LZH			pP	pP	17 07 59.5 +0.1
LZH			Pp	Pp	17 08 02.0 -0.3
LZH			pmax	pmax	
LZH	comp=N,25nm,1.0s		pmax	pmax	
GYA	Guiyang	27.23 261	U/P	P	17 06 59.3 -1.2
GYA			pP	pP	17 08 02.5 0.0
GYA			sP	sP	17 08 41.8 +0.5
GYA			PcP	PcP	17 10 12.0 +1.2
GYA			S	S	17 11 13.3 -1.5
GYA			S	S	17 13 05.5 -3.2
GYA			ScS	ScS	17 17 09.5 -1.8
GYA			pmax	pmax	
GYA	comp=N,20nm,0.8s		pmax	pmax	
GYA	comp=N,120nm,4.9s		pmax	pmax	
YAK	Yakutsk	27.74 353	P	P	17 07 05.0 +0.7
YAK	comp=N,6.2nm,0.4s,baz=158,slow=1.1,SNR=6.8				
YAK	Yakutsk	27.74 353	eP	P	17 07 03.4 -0.9
YAK			ePP	ePP	17 08 03.5 -3.0
YAK			e	e	17 10 08.6
YAK			eS	eS	17 11 20.5 -1.1
YAK			pmax	pmax	
YAK	comp=Z,7.0nm,0.9s		pmax	pmax	
YAK	comp=N,3.0nm,1.3s		pmax	pmax	
YAK	comp=Z,129nm,3.5s		pmax	pmax	
YAK	comp=N,148nm,4.1s		pmax	pmax	
YAK	comp=E,129nm,4.4s		smax	smax	
YAK	comp=E,33nm,1.5s		smax	smax	
YAK	comp=N,39nm,1.7s		smax	smax	
YAK	Yakutsk	27.74 353	eP	P	17 07 02.5 -1.8
BOD	Bodaibo	27.77 333	eP	P	17 07 05.1 +0.4
BOD			pmax	pmax	
CD2	Chengdu	28.06 272	U/P	P	17 07 06.8 -0.8
CD2			pP	pP	17 08 10.0 +0.1
CD2			sP	sP	17 08 49.8 +1.2
CD2			S	S	17 11 26.3 -1.1
CD2			eS	eS	17 12 23.0 +1.4
CD2			pmax	pmax	
CD2	comp=Z,180nm,0.5s		pmax	pmax	
CD2	comp=Z,220nm,5.0s		pmax	pmax	
ZAK	Zakamensk	29.02 313	eP	P	17 07 16.7 +0.8
ZAK			pmax	pmax	
TLY	Talaya	29.27 316	eP	P	17 07 20.2 +2.2
TLY			pmax	pmax	
TLY	comp=Z,26nm,0.8s		pmax	pmax	
TLY	Talaya	29.27 316	eP	P	17 07 20.2 +2.2
GTA	Gaotai	29.84 290	U/P	P	17 07 23.3 0.0
GTA			pP	pP	17 08 23.8 -2.2
GTA			sP	sP	17 09 01.3 -3.4
GTA			PcP	PcP	17 10 18.0 +0.8
GTA			S	S	17 11 55.3 -0.1
GTA			ScP	ScP	17 13 26.5 -0.6
GTA			sS	sS	17 13 44.0 -5.9
GTA			pmax	pmax	
GTA	comp=Z,8.0nm,0.8s		pmax	pmax	
SEY	Seymchan	29.87 14	P	P	17 07 24.1 +1.1
SEY	comp=Z,4.5nm,0.5s,baz=193,slow=12,SNR=42				
SEY	Seymchan	29.87 14	U/P	P	17 07 24.0 +0.9
MOY	Mondy	30.81 314	eP	P	17 07 33.3 +1.7
KMI	Kumming	31.00 261	P	P	17 07 33.0 -0.7
KMI			pmax	pmax	
KMI	comp=Z,10.0nm,0.6s		pmax	pmax	
HVS	Khovu-Aksy	35.08 311	U/P	P	17 08 10.1 +1.8
HVS			pmax	pmax	
TIXI	Tiksi	37.26 356	P	P	17 08 26.6 +0.4
TIXI	comp=Z,9.3nm,0.6s,baz=148,slow=6.2,SNR=23				
TIXI	Tiksi	37.26 356	U/P	P	17 08 26.4 +0.2
TIXI			ePP	ePP	17 09 31.5 +0.7
TIXI			pmax	pmax	
TIXI	comp=Z,12nm,0.8s		pmax	pmax	
BILL	Billibino	37.33 18	eP	P	17 08 27.9 +1.1
BILL			ePP	ePP	17 09 34.9 +3.4
BILL			e	e	17 10 03.4
BILL			pmax	pmax	
BILL	comp=Z,35nm,0.7s		pmax	pmax	
CMAR	Chiang Mai Arr	37.36 254	P	P	17 08 27.4 -0.3
CMAR	comp=Z,1.3nm,0.5s,baz=51,slow=7.6,SNR=4.5				
CMAR	Chiang Mai Arr	37.36 254	P	P	17 10 39.4 +0.5
CMAR	comp=Z,0.7nm,0.9s,baz=14,slow=0.5,SNR=4.3				
CMAR	Chiang Mai Arr	37.36 254	U/P	P	17 13 54.0 +0.2
CMAR	comp=Z,2.0nm,0.8s,baz=15,slow=4.8,SNR=7.1				
CMAR	Chiang Mai Arr	37.36 254	U/P	P	17 08 29.3 +1.6
WMQ	Urumqi	38.70 299	P	P	17 08 39.5 +0.9
WMQ			pP	pP	17 09 46.8 +3.1
WMQ			sP	sP	17 10 24.5 +2.8
WMQ			pmax	pmax	
WMQ	comp=Z,31nm,1.1s		pmax	pmax	
LSA	Lhasa	38.80 276	eP	P	17 08 41.0 +1.0
LSA			pmax	pmax	
LSA	comp=Z,5.0nm,0.5s		pmax	pmax	
LSA	Lhasa	38.80 276	eP	P	17 08 41.0 +1.0
LSA	comp=Z,5.4nm,0.5s		pmax	pmax	
ZAAO	Zalesovo Array	40.87 315	eP	P	17 08 56.3 +0.2
ZALV	Zalesovo Beam	40.87 315	P	P	17 08 56.1 +0.1
ZALV	comp=Z,11nm,0.4s,baz=103,slow=7.4,SNR=37				

ZALV	comp=Z,5.6nm,0.6s,baz=111,slow=3.3,SNR=9.6		ScP	ScP	17 14 05.9 -0.9
ZAA1	Zalesovo Array	40.87 315	eP	P	17 08 56.1 +0.1
NVS	Novosibirsk	41.89 316	eP	P	17 09 05.1 +0.9
NVS			S	S	17 14 55.8 -0.8
NVS			pmax	pmax	
NVS	comp=Z,22nm,0.8s		pmax	pmax	
NVS	comp=N,5.0nm,0.7s		pmax	pmax	
NVS	comp=E,15nm,0.8s		smax	smax	
NVS	comp=E,17nm,2.0s		smax	smax	
MK31	Makanchi Array	42.32 304	i/P	P	17 09 08.6 +0.7
MK31			pmax	pmax	
MK31	comp=Z,10.0nm,0.6s		pmax	pmax	
MK32	Makanchi Array	42.32 304	eP	P	17 09 08.4 +0.5
MK32			P	P	17 09 08.4 +0.6
MK32	Makanchi Array	42.32 304	P	P	17 09 08.4 +0.6
MK32			P	P	17 09 08.4 +0.6
MKAR	comp=Z,1.8nm,0.7s,baz=78,slow=3.5,SNR=3.7		PcP	PcP	17 10 54.4 -0.1
MKAR	comp=Z,1.4nm,0.5s,baz=80,slow=5.4,SNR=10		ScP	ScP	17 14 11.8 -0.9
MKAR	Makanchi Array	42.32 304	eP	P	17 09 08.6 +0.8
MKAR			pmax	pmax	17 10 54.4
MKAR	comp=Z,110nm,0.6s		pmax	pmax	
MKAR	Makanchi Array	42.32 304	eP	P	17 09 08.6 +0.8
MKAR			PcP	PcP	17 10 54.4 -0.1
MKAR			ScP	ScP	17 14 11.8 -0.9
MKAR			PcP	PcP	17 09 09.3 -0.3
MKAR			P	P	17 09 10.0 +0.4
MKAR	comp=Z,9.0nm,0.6s		pmax	pmax	
MAKZ	Makanchi	42.53 304	eP	P	17 09 08.5 -1.1
MAKZ			pmax	pmax	
GAMB	Gambell	42.60 31	eP	P	17 09 10.1 +0.4
ODAN	Odare	42.91 274	eP	P	17 09 12.7 -0.4
RAMN	Ramite	43.53 274	eP	P	17 09 17.7 -0.3
JIRN	Jiri	43.59 275	eP	P	17 09 19.0 +0.4
GUN	Gumba	43.75 276	eP	P	17 09 20.0 +0.1
GUN	comp=Z,55nm,0.7s		pmax	pmax	
PKI	Pulchoki	44.27 275	eP	P	17 09 23.5 -0.4
PKI	comp=Z,32nm,0.6s		pmax	pmax	
PKIN	Phulchoki	44.27 275	eP	P	17 09 23.9 0.0
PKIN	comp=Z,28nm,0.6s		pmax	pmax	
KKN	Kakani	44.29 276	eP	P	17 09 24.0 0.0
DMN	Daman	44.50 276	eP	P	17 09 25.3 -0.4
KURK	Kurchatov	44.55 310	P	P	17 09 25.7 +0.3
KURK			pmax	pmax	
KURK	comp=Z,34nm,0.6s		pmax	pmax	
KURK	Kurchatov	44.55 310	eP	P	17 09 25.3 -0.1
KURK	comp=Z,17nm,0.6s		pmax	pmax	
PDGK	Podgornoye	44.67 299	P	P	17 09 26.3 -0.4
PDGK			pmax	pmax	
DANN	Dangsi	45.32 277	eP	P	17 09 32.5 +0.4
DANN	comp=Z,7.9nm,0.9s		pmax	pmax	
KOLN	Koldanda	45.67 277	eP	P	17 09 34.8 +0.1
KOLN	comp=Z,50nm,0.9s		pmax	pmax	
PYUN	Piuthan	46.05 277	eP	P	17 09 37.9 +0.3
PYUN	comp=Z,43nm,0.4s		pmax	pmax	
TKM2	Tokmak 2	47.55 299	P	P	17 09 49.9 +0.9
TKM2			pmax	pmax	
KSH	Kashi	48.04 295	eP	P	17 09 57.0 +4.4
KSH			pP	pP	17 11 06.8 +6.0
KSH			PcP	PcP	17 11 16.5 +1.8
KSH			ScP	ScP	17 14 34.5 -2.3
KSH			S	S	17 16 28.3 +3.3
KSH			ScS	ScS	17 19 07.0 -2.6
KSH			SS	SS	17 19 59.0 +0.4
KSH			pmax	pmax	
KSH	comp=Z,5.0nm,0.7s		pmax	pmax	
KSH	comp=Z,59nm,7.7s		LR	LR	
KSH	comp=Z,130nm,6.2s		LR	LR	
KSH	comp=Z,140nm,6.1s		LR	LR	
KSH	comp=Z,130nm,6.0s		LR	LR	
AAK	Ala-Archa	48.40 299	eP	P	17 09 56.0 +0.6
AAK			pmax	pmax	
AAK	comp=Z,3.0nm,0.6s		pmax	pmax	
AAK	Ala-Archa	48.40 299	eP	P	17 09 56.0 +0.6
AAK	comp=Z,3.2nm,0.6s		pmax	pmax	
GSI	Gunungsitoli	49.47 237	eP	P	17 10 01.3 -2.2
GSI	comp=Z,15nm,0.9s		pmax	pmax	
BRVK	Borovoye	49.53 313	e/P	P	17 10 04.1 +0.6
BRVK			pmax	pmax	
BRVK	comp=Z,9.0nm,0.7s		pmax	pmax	
BRVK	Borovoye	49.53 313	eP	P	17 10 03.6 0.0
BRVK	comp=Z,9.1nm,0.8s		pmax	pmax	
SFK	Sufi-Kurgan	49.75 296	P	P	17 10 05.6 -0.1
SFK			pmax	pmax	
KK31	Karatay Array	51.15 300	i/P	P	17 10 16.1 +0.4
KK31			pmax	pmax	
KKAR	Karatay Array	51.15 300	eP	P	17 10 15.4 -0.3
KKAR			pmax	pmax	
KKAR	comp=Z,87nm,0.5s		pmax	pmax	
KKAR	Karatay Array	51.15 300	eP	P	17 10 15.4 -0.3
KKAR	comp=Z,77nm,0.5s		pmax	pmax	
CAST	Castle Rocks	51.19 33	eP	P	17 10 15.9 +0.2
CAST	comp=Z,12nm,0.6s		pmax	pmax	
KDAK	Kodiak Island	51.26 40	i/P	P	17 10 17.1 +0.9
KDAK	comp=Z,46nm,0.6s,baz=251,slow=3.4,SNR=119				
KDAK	Kodiak Island	51.26 40	i/P	P	17 10 16.9 +0.7
KDAK			P	P	17 10 17.1 +0.9
KDAK	Kodiak Island	51.26 40	i/P	P	17 10 17.1 +0.9
KDAK	comp=Z,48nm,0.6s		pmax	pmax</	

Table with columns: ID, Name, Comp, Az, El, Az El, P, Az El, P. Rows include F07A Phinny Hill Vi, I05D Terrebonne, J04D Umpqua Nation, E08A Dider Farm, NEW Newport, NEW Newport, NEW Newport, NEW Newport, KHM Horse Mountain, YBH Yreka Blue Hor, YBH Yreka Blue Hor, J05D Fort Rock, M02C Callahan, E09A Wood Farm, K04D Chiloqui, KMRM Mail Ridge, NB2 NORSAR Subarra, NB200 NORSAR Array S, NOA NORSAR Array B, NOA NORSAR Array B, G08A Pilot Rock, N02D Trinity Center, M04C Macdoel, KCPM Cahito Peak, K05A Summer Lake, WDC Whiskeytown D, WDC Whiskeytown D, F10A Beach Ranch, WALA Waterton Lakes, M03D Paynes Creek, O04D Modoc Plateau, BMO Blue Mountains, BMO Blue Mountains, JTMT Jette, ORV Oroville, ORV Oroville, WVOR Wild Horse Val, WVOR Wild Horse Val, MSO Missoula, MSO Missoula, BEKR Beckworth, AFDM Forest Hills D, BR101 Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, FFC Flin Flon, FFC Flin Flon, RUBR Rubicon Trail, PAHR Pah Rah Range, MFID Camas Ranch, PNTR Pine Nut, CMB Columbia Colle, CMB Columbia Colle, LRM Limekiln Ridge, YERR Yerington, EGMT Eagleton, EGMT Eagleton, SFJD Kangerlussuaq, SFJD Kangerlussuaq, WAKR Walker, DLMT Dillon, BBGB Big Mountain B, HLID Hailey, HLID Hailey, BMM Battle Mountai, BMM Battle Mountai, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), RYN Ryan, KVN Kaiserville, KVN Kaiserville, MDPB Devils Postpil, NV01 Mina Array Sit, NVAR Mina Array Sea, NV11 Mina Array Sit, PAGB Antelope Grade, YHB Horse Butte

Table with columns: YHH, YMR, SMMC, YPP, H17A, VES, PKM, IMW, DPC, DPC, FXWY, RLMT, RLMT, MOOV, CWC, TPAW, HVU, HVU, SNOW, REDW, ISA, ISA, ISA, DGMT, AHID, DAC, DAC, DAC, BGU, R11A, R11A, PVCC, PVCC, BRG, MPMC, CLL, CLL, CLL, BLG, FURC, GOPC, GOPC, LRM, TPNV, TPNV, TPNV, PRU, PRU, EDW, MCU, DUG, DUG, DUG, TCUT, BW06, BW06, PDAR, PDAR, MWC, MWC, PSUT, GSC, BFSC, NLU, CONA, SC12, MPU, SHPR, KHC, KHC, TUQ, GEC2, GEC2, GERES, HEC, CCUT, ARSA, MSU, MSU, SZCU, GMRC, P17A, P17A, MTPU

Table with columns: PFO, PFO, PFO, XPFO, 109C, TPFO, Q16A, ULM, ULM, ULM, BELC, P18A, MDND, SOKA, PKCU, BAR, MONP2, IRM, RSSD, BC3, B31A, W13A, A32A, IKP, SWSC, U15A, MYKA, O20A, O20A, C31A, PDMC, B32A, Y12C, Y12C, A33A, GLA, GLA, GLA, AGMM, PV09, PV10, PHWY, N23A, N23A, PV05, B34A, WUAZ, WUAZ, PV01, DAVA, F31A, SMC0, D33A, ISCO, ISCO, D34A, X16A, C35A, E33A, G32A, F33A, C36A, S22A, S22A, Q24A, Q24A, C37A, G33A, EYMN, F34A, H33A, G34A, C38A, I32A, E36A, SDCO, SDCO, J32A, G35A, ECSD, ECSD, E38A, H35A

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like G36A St. Michael, F38A Pierce - Schro, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PB04 IPOC Station P, PB01 IPOC Station P, etc.

TAP 29 17:17:56.9, 24.28N, 121.76E, h56km, ML3.2, B
ISCJB 29 17:17:57.3, 0.3, 24.28N, 121.82E, h56km, 3km,
Error ellipse: s-maj=3.3km s-min=2.0km az=151.7

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like NANB Nanao, ENA Nanao, etc.

ISCJB 29 17:17:33.3, 0.6, 22.59S, 107.05, h58W, 0.08, h118km, 6km,
mb4.0/6, Error ellipse: s-maj=12.5km s-min=8.2km
az=11.8

GUC 29 17:17:34.5, 0.6, 22.56S, 106.74W, h120km, 6km, ML4.3
IDC 29 17:17:36.0, 0.8, 22.48S, 106.43W, h122km, 6km, mb3.7/6,
mb1.3, 9.9, mb1mx3.6/30, mbtmp4.0/9, MS2.7/1, Ms1 2.7/1,
ms1mx2.5/21, Error ellipse: s-maj=23.2km s-min=18.1km
az=7.0

ISC 29 17:17:34.3, 0.6, 22.53S, 106.68, h53W, 0.07, h113km, 6km,
n25, c190/37, mb4.2/6, 8C, Northern Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like DPDB Guoxing, EHY Hungye, etc.

IDC 29 17:25:22.1, 2.2, 1.15S, 127.46E, h0km, mb3.4/2,
mb1.3, 5/3, mb1mx3.2/40, mbtmp3.3/3, ML3.0/1, Error
ellipse: s-maj=183.7km s-min=26.0km az=66.0
ISCJB 29 17:25:26.8, 0.7, 1.48S, 127.07E, h29km,
mb3.4/2, Error ellipse: s-maj=11.9km s-min=6.8km
az=41.6
DJA 29 17:25:26.9, 0.7, 2.3, 127.6E, h23km, 8km, M3.3/7,
MLV3.3/7

29d 18h

Table with columns: YAK, MLR, MLR, comp-Z, value, and status. Includes entries like Yakutsk, Monday, Phrae, Chiang Mai, etc.

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Table with columns: KSH, pmax, pmax, comp-Z, value, and status. Includes entries like KSH, KSH, KSH, KZA, etc.

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Table with columns: OBN, MLR, MLR, comp-Z, value, and status. Includes entries like GOF, GOF, NCK, NCK, ZEI, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like CHOS Chios island, KRBN Karaburun, and many others across various frequencies and power levels.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time s, Res. Rows include stations like Plav, Podgorica, Brajci-Budva, Berane, etc.

ISCJB 29 21:43:23.9±0.2, 16°49N, 0°04'46.59W, 0.02, h13km, mb5.1/327, MS4.8/331, Error ellipse: s-maj=5.5km s-min=2.6km az=1.1

MOS 29 21:43:23.6±1.1, 16°60N, 46°56W, h10km, mb5.3/78, MS4.8/48, Error ellipse: s-maj=6.0km s-min=5.5km az=132.0

IDC 29 21:43:23.0±0.4, 16°59N, 46°65W, h0km, mb4.5/34, mb1.4/36, mb1.1mx4.5/38, Error ellipse: s-maj=12.4km s-min=9.9km az=155.0

GCMT 29 21:43:25.1±0.1, 16°69N, 46°56W, h12km, MW5.3/124, Moment Tensor Solution. s75,c110; s124,c226; Duration: 1s1 Moment tensor: Scale 10^11Nm; Mn=0.98±.01; Mps=0.05±.02; Mbb=1.03±.01; Mo=0.14±.04; Mo=0.15±.01; Mps=0.22±.04; Best double couple: Mo1.05000x10^17 NP1.0s14.00000s; 652.00000s; lambda=82.00000s; NP2.0s181.00000s; 639.00000s; lambda=100.00000s; Principal axes: T: 1.0770, P1g7.0000s; Azm98.0000s; N: -0.0570, P1g6.0000s; Azm189.0000s; P: -1.0220, P1g11.0000s; Azm323.0000s; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

NEIC 29 21:43:25.1±0.2, 16°49N, 46°53W, h10km, mb5.3/268, MS4.9/281 Error ellipse: s-maj=5.5km s-min=3.5km az=0.0

ISC 29 21:43:25.6±0.3, 16°45N, 0°06'46.63W, 0.05, h13km, n1059, r1925/953, mb5.2/329, MS4.9/331, 20C-12D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time s, Res. Rows include stations like Gun Hill, Guadeloupe/Mar, Saint Thomas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time s, Res. Rows include stations like Santo Domingo, Santo Domingo, Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time s, Res. Rows include stations like Millersville, Yanceyville, Quail, Louisiana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time s, Res. Rows include stations like Mont Chateau, Heredia, Godfrey, Godfrey, etc.

E42A	Champion	45.41 320	P	P	21 51 44.4 +0.4
S40A	Lebanon	45.44 307	P	P	21 51 44.2 -0.2
R40A	Maddies Statio	45.44 308	P	P	21 51 44.0 -0.4
JFWS	Jewell Farm	45.47 315	P	P	21 51 44.3 -0.3
JFWS	Jewell Farm	45.47 315	eP	P	21 51 44.8 +0.2
JFWS	comp=Z,57nm,1.0s		MLR	MLR	
JFWS	comp=Z,1um,20.0s	45.47 315	eP	P	21 51 44.8 +0.2
JFWS	Jewell Farm		LR	LR	
J41A	Loganville	45.48 315	P	P	21 51 44.5 -0.1
Q40A	La Belle	45.49 309	P	P	21 51 44.4 -0.4
MIAR	Mount Ida	45.60 302	P	P	21 51 45.4 -0.3
MIAR	Mount Ida	45.60 302	eP	P	21 51 46.1 +0.4
MIAR	comp=Z,26nm,1.1s		MLR	MLR	
MIAR	comp=Z,1um,20.0s	45.60 302	eP	P	21 51 46.1 +0.4
MIAR	comp=Z,26nm,1.1s		LR	LR	
P40A	Paris	45.62 310	P	P	21 51 45.4 -0.4
I41A	Arkdale	45.65 316	P	P	21 51 45.6 -0.3
O40A	La Belle	45.67 310	P	P	21 51 45.9 -0.3
N40A	Mertquake, Sal	45.70 312	P	P	21 51 45.9 -0.5
H41A	Junction City	45.73 317	P	P	21 51 46.5 -0.1
M40A	Post Highland	45.82 312	P	P	21 51 46.9 -0.4
L40A	Anamosa	45.83 313	P	P	21 51 47.2 -0.2
F41A	Three Lakes	45.84 319	P	P	21 51 47.4 -0.1
W39A	Magazine	45.90 303	P	P	21 51 47.7 -0.4
U39A	Green Forest	45.91 305	P	P	21 51 47.6 -0.5
V39A	Pettigrew	45.92 304	P	P	21 51 47.9 -0.4
T39A	Cleaver	45.97 306	P	P	21 51 48.3 -0.4
J40A	Soldiers Grove	45.98 315	P	P	21 51 48.4 -0.2
K40A	Colosburg	46.00 314	P	P	21 51 48.4 -0.3
COWI	Conover	46.02 319	eP	P	21 51 50.7 +1.8
R39A	Chumby, Stover	46.03 308	P	P	21 51 48.7 -0.4
X39A	Fountain Ranch	46.03 302	P	P	21 51 49.6 +0.4
NATX	Nacogdoches	46.05 298	eP	P	21 51 52.3 +3.0
NATX	comp=Z,1um,19.0s		LR	LR	
E41A	Kenton	46.07 320	P	P	21 51 49.0 -0.3
I40A	Norwalk	46.08 316	P	P	21 51 49.2 -0.2
S39A	Bolivar	46.09 307	P	P	21 51 49.1 -0.5
D41A	Chassel	46.09 321	P	P	21 51 50.0 +0.5
P39B	Salisbury	46.13 309	P	P	21 51 49.3 -0.5
Q39A	Willow Grove F	46.18 309	P	P	21 51 49.8 -0.4
O39A	Kirksville	46.20 310	P	P	21 51 50.1 -0.3
H40A	Chili	46.21 317	P	P	21 51 50.2 -0.3
HHAR	Hobbs	46.24 305	eP	P	21 51 50.7 -0.2
PAYG	Puerto Ayora	46.30 253	eP	P	21 51 53.6 +2.1
G40A	Rib Lake	46.35 318	P	P	21 51 51.3 -0.2
N39A	Derby Farms, D	46.36 311	P	P	21 51 51.2 -0.4
L39A	Vinton	46.40 313	P	P	21 51 51.6 -0.3
W38A	Poteau	46.46 303	P	P	21 51 52.1 -0.4
K39A	Oelwein	46.52 314	P	P	21 51 52.5 -0.3
S38A	Stockton	46.52 307	P	P	21 51 52.5 -0.5
V38A	Canehill	46.53 304	P	P	21 51 52.3 -0.7
F40A	Park Falls	46.56 319	P	P	21 51 52.9 -0.3
J39A	Decorah	46.61 315	P	P	21 51 53.1 -0.4
U38A	Gravette	46.63 305	P	P	21 51 53.5 -0.4
Q38A	Cooks Store, C	46.64 308	P	P	21 51 53.3 -0.5
X38A	Whitesboro	46.64 302	P	P	21 51 53.5 -0.5
E40A	Wakefield	46.65 319	P	P	21 51 54.0 +0.2
R39A	Fenwick Farm,	46.66 307	P	P	21 51 53.4 -0.7
I38A	Houston	46.67 315	P	P	21 51 54.0 -0.1
T38A	Diamond	46.69 306	P	P	21 51 53.8 -0.5
TOC6	Torodi Ar. Sit	46.73 87	PFAKE	LR	21 52 10.0 +1.5
TOC7	Torodi Ar. Sit	46.74 87	PFAKE	LR	21 52 10.0 +1.5
TOC5	Torodi Ar. Sit	46.74 87	PFAKE	LR	21 52 10.0 +1.5
TOB5	Torodi Ar. Sit	46.74 87	PFAKE	LR	21 52 10.0 +1.5
TOB4	Torodi Ar. Sit	46.75 87	PFAKE	LR	21 52 10.0 +1.5
P38A	Dawn	46.75 309	P	P	21 51 54.4 -0.3
TOA1	Torodi Ar. Sit	46.75 87	eP	P	21 51 53.6 -1.4
TOA0	Torodi Ar. Sit	46.76 87	eP	P	21 51 54.5 -0.6
TORD	Torodi Ar. Bea	46.76 87	P	P	21 51 53.6 -1.5
TORD	comp=Z,1.3nm,1.0s,baz=277,slow=3.8,SNR=2.4		LR	LR	22 08 33.5
TOC2	Torodi Ar. Sit	46.78 87	PFAKE	LR	21 52 10.0 +1.5
TOC3	Torodi Ar. Sit	46.78 87	PFAKE	LR	21 52 10.0 +1.5
H39A	Augusta	46.82 317	P	P	21 51 55.0 -0.2
C40A	Isle Royale Na	46.84 321	P	P	21 51 55.0 -0.2
O38A	Galt	46.84 310	P	P	21 51 55.2 -0.2
N38A	Joess South For	46.86 311	P	P	21 51 55.2 -0.4
G39A	Holcombe	46.98 317	P	P	21 51 56.4 -0.1
M38A	Pleasantville	47.02 312	P	P	21 51 56.5 -0.3
E39A	Mellen	47.03 319	P	P	21 51 57.2 +0.3

X37A	Clayton	47.06 302	P	P	21 51 56.8 -0.5
X37A	Clayton	47.06 302	eP	P	21 51 57.7 +0.4
X37A	comp=Z,41nm,1.3s		LR	LR	
F39A	Loretta	47.07 318	P	P	21 51 57.4 +0.3
L38A	Oak Wood Farm,	47.08 313	P	P	21 51 56.9 -0.3
K38A	Parkersburg	47.11 313	P	P	21 51 57.1 -0.4
V37A	Hubert	47.12 304	P	P	21 51 57.6 -0.1
J38A	Wedel Dairy, R	47.13 314	P	P	21 51 58.0 +0.3
Y37A	Hugo	47.17 301	P	P	21 51 58.2 +0.1
SCIA	State Center	47.19 312	P	P	21 51 58.0 -0.1
SCIA	State Center	47.19 312	eP	P	21 51 58.2 +0.1
SCIA	comp=Z,55nm,1.0s		LR	LR	
T37A	Cheneyville 18	47.19 306	P	P	21 51 57.9 -0.3
U37A	Salina	47.20 305	P	P	21 51 58.0 -0.3
W37B	Quinton	47.21 303	P	P	21 51 58.2 -0.2
W37B	Quinton	47.21 303	eP	P	21 51 58.6 +0.3
W37B	comp=Z,141nm,1.3s		LR	LR	
Q37A	Longview Farm,	47.24 308	P	P	21 51 58.1 -0.5
S37A	Fort Scott	47.27 306	P	P	21 51 58.3 -0.4
I38A	Scanlan Farm,	47.29 315	P	P	21 51 58.7 -0.1
P37A	Lathrop	47.35 309	P	P	21 51 59.1 -0.3
O37A	Wolven Farm, M	47.35 310	P	P	21 51 59.0 -0.4
G38A	Ridgeland	47.38 317	P	P	21 51 59.5 -0.1
R37A	Teagarden Farm	47.39 307	P	P	21 51 59.3 -0.4
H38A	Malvern Rock	47.48 316	P	P	21 52 00.6 +0.3
N37A	Lee Farris, Mou	47.56 311	P	P	21 52 00.5 -0.6
L37A	Phoenix Point,	47.64 312	P	P	21 52 01.8 +0.2
M37A	Trindle Farm,	47.64 311	P	P	21 52 01.4 -0.2
TUL1	Leonard	47.64 304	P	P	21 52 01.3 -0.7
TUL1	Leonard	47.64 304	eP	P	21 52 01.7 -0.1
TUL1	comp=Z,51nm,1.2s		LR	LR	
U36A	Oologah	47.69 304	P	P	21 52 01.6 -0.4
Y36A	Durant	47.70 301	P	P	21 52 01.9 -0.3
F38A	Pierce - Schro	47.70 318	P	P	21 52 02.0 0.0
V36A	Jenks	47.74 304	P	P	21 52 02.2 -0.3
V36A	Jenks	47.74 304	eP	P	21 52 02.1 -0.3
V36A	comp=Z,69nm,1.0s		LR	LR	
E38A	The Farm, Brui	47.75 319	P	P	21 52 02.7 +0.3
K37A	Belmond	47.76 313	P	P	21 52 02.0 -0.5
S36A	Lake Cedric, C	47.85 306	P	P	21 52 02.8 -0.5
W36A	Wetumka	47.85 303	P	P	21 52 02.7 -0.7
W36A	Wetumka	47.85 303	eP	P	21 52 03.6 +0.3
W36A	comp=Z,49nm,1.1s		LR	LR	
X36A	Centrahoma	47.86 302	P	P	21 52 03.0 -0.5
J37A	Rescius Farm,	47.87 314	P	P	21 52 03.1 -0.3
H37A	Dierke Farm, C	47.87 316	P	P	21 52 03.4 0.0
R36A	Gordon, Harris	47.91 307	P	P	21 52 03.5 -0.3
T36A	Boggs Farm, Ca	47.93 305	P	P	21 52 03.5 -0.5
O36A	Bolckow	47.95 310	P	P	21 52 03.8 -0.3
P36A	Good Intent, A	48.00 309	P	P	21 52 04.0 -0.5
I37A	Lemond, Waseca	48.00 315	P	P	21 52 04.1 -0.3
Q36A	Arndt C. Orve	48.03 308	P	P	21 52 04.4 -0.3
C38A	Sawbill Land,	48.04 320	P	P	21 52 04.4 -0.2
F37A	Hinche Farm,	48.10 317	P	P	21 52 05.1 0.0
M36A	Felix, Anita	48.19 311	P	P	21 52 05.5 -0.4
EYMN	Ely	48.27 321	PFAKE	LR	21 52 20.0 +1.4
OK022	N3560 Road, Pr	48.27 303	eP	P	21 52 06.7 +0.1
OK022	comp=Z,71nm,1.0s		LR	LR	
L36A	Harm Buss Farm	48.28 312	P	P	21 52 06.3 -0.2
K36A	Gilmore City	48.28 313	P	P	21 52 06.3 -0.3
OK021	N3530 Road, Sp	48.33 303	eP	P	21 52 06.8 -0.3
OK021	comp=Z,80nm,1.0s		LR	LR	
X35A	Drake	48.34 302	P	P	21 52 06.7 -0.4
X35A	Drake	48.34 302	eP	P	21 52 07.2 +0.1
X35A	comp=Z,31nm,1.1s		LR	LR	
W35A	Tecumseh	48.38 303	P	P	21 52 07.0 -0.4
W35A	Tecumseh	48.38 303	eP	P	21 52 06.6 -0.9
W35A	comp=Z,77nm,1.0s		LR	LR	
T35A	Sooner Cattle	48.40 305	P	P	21 52 07.2 -0.4
S35A	Otter Creek Ra	48.40 306	P	P	21 52 07.0 -0.6
I36A	Fitzsimmons Fa	48.42 315	P	P	21 52 07.5 -0.1
J36A	Seneca 1, Swea	48.42 314	P	P	21 52 07.5 -0.2
435B	Jarell	48.43 297	P	P	21 52 07.8 -0.1
WHTX	Lake Whitney,	48.43 298	P	P	21 52 07.2 -0.8
WHTX	Lake Whitney,	48.43 298	eP	P	21 52 08.5 +0.6
WHTX	comp=Z,73nm,1.3s		LR	LR	
Q35A	Mercer Eighty,	48.44 308	P	P	21 52 07.3 -0.6
OK020	N3440 Road, Me	48.44 303	eP	P	21 52 07.8 -0.2
OK020	comp=Z,80nm,1.1s		LR	LR	
R35A	Emporia Municip	48.45 307	P	P	21 52 07.9 0.0
V35A	Meyer Ranch, C	48.45 303	P	P	21 52 07.6 -0.4
V35A	Meyer Ranch, C	48.45 303	eP	P	21 52 08.0 0.0
V35A	comp=Z,67nm,1.1s		LR	LR	

U35A	Pawnee	48.47 304	P	P	21 52 07.7 -0.4
U35A	Pawnee	48.47 304	eP	P	21 52 08.5 +0.3
U35A	comp=Z,78nm,1.3s		LR	LR	
D37A	Cotton	48.52 319	P	P	21 52 08.1 -0.3
H36A	Jessenland, He	48.55 316	P	P	21 52 08.4 -0.2
P35A	Duane Minner,	48.58 308	P	P	21 52 08.6 -0.4
C37A	Embarrass	48.60 320	P	P	21 52 08.7 -0.2
N35A	Tabor	48.64 310	P	P	21 52 09.1 -0.3
G36A	St. Michael	48.66 316	P	P	21 52 09.4 -0.1
O35A	Humboldt	48.68 309	P	P	21 52 09.2 -0.5
F36A	Milaca	48.73 317	P	P	21 52 09.5 -0.5
E36A	McGregor	48.80 318	P	P	21 52 10.2 -0.3
K35A	Storm Lake	48.86 313	P	P	21 52 10.9 -0.2
L35A	Bielow Farm, R	48.91 312	P	P	21 52 11.0 -0.4
KSU1	Kansas State U	48.93 308	P	P	21 52 10.9 -0.7
KSU1	Kansas State U	48.93 308	eP	P	21 52 11.0 -0.7
KSU1	comp=Z,72nm,0.9s		LR	LR	
T34A	McClaskey Farm	48.95 305	P	P	21 52 11.4 -0.4
D36A	Goodland	48.99 319	P	P	21 52 11.8 -0.2
C36A	Pine Crest Far	49.02 320	P	P	21 52 11.9 -0.3
S34A	Willow Spring	49.02 306	P	P	21 52 12.0 -0.4
I35A	Creekview Farm	49.03 314	P	P	21 52 12.1 -0.3
J35A	Milford	49.03 314	P	P	21 52 12.0 -0.4
G35A	Watkins	49.14 316	P	P	21 52 12.9 -0.2
Q34A	Chapman	49.14 307	P	P	21 52 12.6 -0.7
P34A	Walnut Farm, R	49.20 308	P	P	21 52 13.3 -0.4
H35A	Sunnyside Ranch	49.20 315	P	P	21 52 13.2 -0.4
O34A	Estrice	49.24 309	P	P	21 52 13.7 -0.3
R34A	Isabella, Hill	49.25 307	P	P	21 52 13.7 -0.4
N34A	Lincoln	49.26 310	P	P	21 52 13.9 -0.3
TAM	Tamanrasset	49.33 74	eP	P	21 52 16.6 +1.5

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, PAGES, K05A, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, GOF, KBZ, MENT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK, ZALV, OPO, etc.

IDC 29 21:51:06.7±5.2, 15.75N±47.07W, h0km, mb3.6/4, mbl 3.9/4, mblmx3.5/41, mbtmp3.6/4, Error ellipse: s-maj=211.5km s-min=33.2km az=21.0, Northern Mid-Atlantic Ridge

IDC 29 21:54:17.9±0.5, 16.59N±46.59W, h0km, mb4.4/28, mbl 4.6/29, mblmx4.5/41, mbtmp4.4/29, ML4.2/1, MS4.2/15, Ms1 4.2/15, ms1mx4.0/35, Error ellipse: s-maj=15.5km s-min=11.5km az=3.0

29d 21h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ANWB Willy Bob, STVI Saint Thomas, SJG San Juan, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OXF Oxford, OXF Oxf, OXF Oxf, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like N40A Murtquake, H41A Junction City, M40A Post Highland, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BGU Big Grassy Mtn, CCUT Cedar City, PSUT Pine Spring, W13A Hualapai Mount, etc.

MEX 29:22:04:28.3:0.8, 17:03N:96:67W, h69km, 5km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VHO Vista Hermosa, HUIG Huatulo, etc.

IDC 29:22:05:18.2:2.2, 43:18N:105:15W, h0km, mb3.1/2, mb1 3.4/4, mb1mx3.2/44, mbtmp3.2/4, ML 1.9/1, Error ellipse: s-maj=4.0km s-min=3.3km az=156.0

ISCJB 29:22:05:20.5:0.4, 43:08N:103:105:07W:0.0, h0km, mb3.6/1, Error ellipse: s-maj=4.8km s-min=4.4km az=37.8

NEIC 29:22:05:22.3:0.4, 43:17N:105:09W, h0km, ML3.2, Error ellipse: s-maj=4.8km s-min=4.7km az=104.0, Suspected Mining explosion.

NEIC 74 [46 miles] WSW of Newcastle. ISC 29:22:05:21.8:0.7, 43:70N:104:105:16W:0.0, h0km, n52, a177:55, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like O20A White River Cr, FXWY Fox Creek, etc.

IDC 29:22:05:46.2:1.0, 16:63N:46:66W, h0km, mb3.777, Error ellipse: s-maj=32.1km s-min=24.3km az=18.0, Northern

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H10N3 ASCENSION HYDR0.05 125 T, H10N2 ASCENSION HYDR0.05 125 T, etc.

SKHL 29:22:09:51.7:0.6, 42:94N:147:18E, h40km, 5km, mb4.6/2

JMA 29:22:09:52.4:0.3, 43:03N:147:14E, h44km, M3.3

ISC 29:22:09:53.0:0.2, 43:03N:147:14E, h44km, M3.3

ISC 29:22:09:53.0:0.2, 43:03N:147:14E, h44km, M3.3

n14, c072/24, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SHO Shikotan, NEM2 Nemuro 2, etc.

UCR 29:22:11:50.5:1.2, 10:63N:85:87W, h24km, 4km, ML2.9, MW4.0, 9C, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LAPC Finca la Perla, BUEV Buena Vista, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PACM Arenal, CASO Castillo, etc.

ISCJB 29:22:23:29.0:0.4, 39:10N:102:03:29:04E:0.03, h6km, 4km, Error ellipse: s-maj=4.8km s-min=3.8km az=152.6

ISK 29:22:23:28.1, 39:11N:29:02E, h5km, ML2.7

DDA 29:22:23:28.4, 39:11N:29:02E, h14km, ML2.7

CSEM 29:22:23:29.1:0.1, 39:10N:29:04E, h5km, ML2.7

Station Name: n14, c08/49/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, DEMI Demirci, etc.

IDC 29:22:31:19.5:1.5, 11:14N:127:19E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.7/40, mbtmp3.8/8, Error ellipse: s-maj=126.8km s-min=17.1km az=74.0

MAN 29:22:31:23.1, 10:69N:126:17E, h14km, mb4.7, ML3.6, MS3.6

ISC 29:22:31:21.9:2.0, 10:70N:126:04E:0.08, h13km, 11km, n19, c153/28, mb3.9/8, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SCPH Surigao, BESP Borongan, etc.

WRA 1.5nm, 0.7sbaz=352, slow=7.1, SNR=1.5

ASAR Alice Springs 34.93 168 P

SONM Songkran Array 40.67 339 P

MKAR Makanchi Array 51.77 322 P

ZALV Zalesovo Beam 54.32 331 P

ARCES ARCES Array B 83.94 340 P

ISC 29:22:46:30.1, 36:04N:24:93E, h10km, ML4.3

IDC 29:22:46:31.1:0.5, 36:15N:25:06E, h0km, mb3.9/16, mb1 3.9/24, mb1mx3.8/50, mbtmp3.8/24, ML3.4/9, Error ellipse: s-maj=12.2km s-min=7.9km az=103.0

ATH 29:22:46:33.6, 36:06N:25:12E, h31km, ML3.9/27, Error ellipse: s-maj=1.0km s-min=0.4km az=82.0

NEIC 29:22:46:33.5:0.0, 36:06N:25:12E, h31km, mb4.9, Error ellipse: s-maj=3.0km s-min=1.3km az=15.0

THE 29:22:46:34.3, 36:06N:25:09E, h15km, ML2.2/11, Error ellipse: s-maj=1.0km s-min=0.3km az=59.0

ISCJB 29:22:46:34.0:0.3, 36:07N:25:13E:0.02, h32km, 2km, mb3.9/19, Error ellipse: s-maj=2.6km s-min=2.0km az=27.4

HLW 29:22:46:35.5, 35:81N:25:67E, h10km, 15km, Md4.3, M4.2

ISC 29:22:46:33.6:0.9, 36:05N:25:10E:0.02, h17km, 5km, n424, c164/508, mb3.9/19, 9C-2D, Dodecanese Islands

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GRG, NVR, KNT, NEST, FNA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DANN, KOLN, DMN, PKIN, GUN, JIRN, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TIR, PHP, OHR, KRUS, PUK, YKA, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include DBIC Dimbokro, ZALV Zalesovo Beam, ZALV comp=Z.32nm,19.0s, etc.

IDC 30 02:15:38.2.5.49.775:117.87E,h0km,mb4.5/4, mb1 4.5/6, mb1mx4.0/30, mbtmp4.4/6, ML2.9/1, MS3.6/3, Ms1 3.6/3, ms1mx3.1/27, Error ellipse: s-maj=65.2km s-min=41.9km az=96.0

ISC 30 02:15:39.2.2.8.49.8S:0.3x117.8E:0.4,h10km,n17, o=557.8,mb4.3/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, NWA0 Narrogin (SRO), STKA Stephens Creek, etc.

JMA 30 02:17:18.0.3.22.24N:122.38E,h13km,M3.8 TAP 30 02:17:22.4.22.13N,122.18E,h48km,ML3.6,C ISC 30 02:17:19.9.2.0.22.30N:0.05x122.32E:0.04,h18km,5km,n37, r=1505/57, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include LAY Lan-yu, CHYK Cheungkung, TWG Pinlang, FULB Fuli, EAST Anshuo, TSEB Hengchuen, Pin, TWK1 Hengchun, SCZT Fangliu, STYT Tauyuan, ESL Shilin, YUS Yu-Shan, TWMT1 Shoushan, ALS Alishan, CHN1 Nanshi, CHN4 Tsauhsan, CHN5 Tsauling, SMLT Sun Moon Lake, TYC Yuch, WJS Zhushan, WDLH Douliu, DPDB Douliu, WNT Mingjing, WNT WNT, ENA Nanau, ENAH Nanao, HATJ Hateruma jima, NNHS Datong, NNS Nan Shan, ENT1 Nioudou, TWE Neicheng, TWE TWE, TWE TWE.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include TWQ1 Liyutan, TWQ1 Sanguang, NSK Sanguang, LIOB Emei, LIOB Emei, JIJ Ishigaki jima, TIPB Shuangji, TIPB Shuangji, NTF Wu-fen Shan, JISG Ishigakijima, JISG Ishigakijima.

ISCJB 30 02:18:13.6.0.2.22.95S:0.02x66.29W:0.03,h242km, mb3.3/28, Error ellipse: s-maj=3.8km s-min=2.5km az=166.0 SJA 30 02:18:13.4.1.3.22.85S:66.33W,h262km,12km,ML4.1,MV3.8 NEIC 30 02:18:14.4.0.5.22.85S:66.23W,h240km,6km,mb4.7/19, MD4.1(SJA), Error ellipse: s-maj=9.2km s-min=5.4km az=67.0

SCB 30 02:18:16.5.0.7.22.38S:66.41W,h236km,ML4.4/1, Error ellipse: s-maj=22.4km s-min=8.9km az=26.0 IDC 30 02:18:16.5.0.8.22.80S:66.07W,h250km,7km,mb3.6/11, s-maj=15.9km s-min=11.2km az=57.0

ISC 30 02:18:14.4.0.4.22.97S:0.04x66.33W:0.04,h242km, n103, o=2807/137, mb4.4/28, 7C-1D, Jujuy Province

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include HJA Humahuaca, HJA Humahuaca, YJA Yavi, AZAP Zapla, MOCB Mochara, SLA San Lorenzo, SLA San Lorenzo, SLA Santa Barbara, ALOL LOMAS DE OLMED, PB09 IPOC Station P, PB09 IPOC Station P, PB06 IPOC Station P, FSA Cafayete, FSA Cafayete, PB01 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, PB02 IPOC Station P, ANCH Antofagasta, ANCH Antofagasta, PB08 IPOC Station P, AHML Horco Molle, AHML Horco Molle, PB14 IPOC Station P, PB14 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, VCA Vinchina, BBOJ La Paz, Jacaqui, BBOE La Paz, Chancia, ACLC CERRRO LA CRUZ, BBOD La Paz, Gloria, AGUA GUANDACOL, LPZA La Paz, LPZA La Paz, BBOB La Paz, Bander, LCO Las Campanas, LCO Las Campanas, APPL PUNTA DE LOS L, APPL PUNTA DE LOS L, ARE Arequipa, AMOG MOGNA, TCA Tanti, TCA Tanti, SIV San Ignacio, RTLL Cerro Villucun, CPUP Villa Florida, CPUP Villa Florida, RTCV Cerro Valdivia, RTCV Cerro Valdivia, RTLS Leoncito, RTLS Leoncito, ACAN Cantaluta, ACAN Cantaluta, AUSP Uspallata, ASAL Salagasta, ARCO CERRO ARCO, ARCO CERRO ARCO, ARCO CERRO ARCO, AAGR Agrelo, ROCI El Roble, PEL Peldehue, GO05 Hualaeso, NNA Nanao.

ISCJB 30 02:19:45.2.0.6.40.92S:0.03x178.00E:0.06,h17km, mb3.9/4, MS3.4/2, Error ellipse: s-maj=6.7km s-min=2.9km az=26.0 WEL 30 02:19:46.5.41.5.4.17.8E:1.7h3km,ML4.5/14 IDC 30 02:19:48.0.1.4.40.62S:177.62E,h0km,mb3.8/3, mb1 4.1/5, mb1mx3.9/28, mbtmp4.0/5, ML3.8/1, MS3.3/3, Ms1 3.4/3, ms1mx3.0/28, Error ellipse: s-maj=35.0km s-min=27.2km az=98.0

NEIC 30 02:19:49.6.0.0.40.82S:177.82E,h33km,mb4.3/1, ML4.2(WEL), After WEL. ISC 30 02:19:47.1.0.9.40.80S:0.04x177.79E:0.05,h17km,n135, o=1564/136,mb3.9/4, Off east of North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include PRHZ Porangahau, PKZ Pawanui, PKZ Pawanui, PNHZ Pukerangi, BFZ Birch Farm, CPWZ Castlepont, CPWZ Castlepont, CAHZ Kahuranaki, WPHZ Waipukurua, CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, DVHZ Dannevirke, PRWZ Porirua, TIWZ Tintock, TIWZ Teitapu, PNHZ Pukerangi, TSZ Takapari Road, KRHZ Kereru, PWCZ Post Office Ro, MOWZ McNeill Hill, MHGZ Mount Peninsul, ARHZ Aropoanui, MRZ Mangatainoka R, TRWZ Traveller, HOWZ Holdsworth Sta, KWHZ Kaweka Forest, TIWZ Teitapu, WHWZ Waihua, KNZ Kokohu, BHHZ Black Hill Sta, NMHZ Naumai, PAWZ Paritua Farm, PRGZ Paritua Road, BKZ Black Stump Farm, RAHZ Aarahi, OGWZ Otaki Station, MSWZ Motouka Garage, SHNZ Shannon Statio, PLWZ Palliser, MTHZ Maungataniwha, CAWZ Cannon Point, MOVZ Mowhango, RIHZ Rimuhau, RIGZ Ritea Rd, RIGZ Ritea Rd.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include NNA comp=Z.0.8nm,0.3s,baz=236,slow=18,SNR=3.5, NNA Nanao, TRQA comp=Z.37nm,0.7s, 15.49 167 ePn, SPB Sao Paulo, PLCA Paso Flores, PLCA Paso Flores, PTGA Pitinga, RCBR Riachuelo, RCBR Riachuelo, TRCR Riachuelo, VNA2 Neumayer-Watz, KVTX Kijitos Array, BG3 Lake Jocassee, SNA2 Sanae, SNA2 Sanae, SNA2 Sanae, PTRD Paritua Road, WWT Waverly, HPIG comp=Z.13nm,1.8s, TXAR comp=Z.0.2nm,0.6s,baz=149,slow=7.4, WCI Wyandotte Cave, LIC Lamto, TIC Toumoudi, KIC Kusan Boka, DBIC Dimbokro, QSPA South Pole Qui, KSUI Kansas State U, LAZ Ladrón, W18A Purified Forest, KOWA Kowa, Y14A Wickenburg, LDFC Landfair, SYO Syowa Base, TOAO Torodi Ar. Sit, TORO Torodi Ar. Bea, TORD Torodi Ar. Bea, PDAR Pinedale Array, NVAR Mina Array, BOSA Boshu, ESDC Sonseca Array, MATP Matop, YKA Yellowknife Ar, YKA Yellowknife Ar, ASAR Alice Springs, WRR Warramunga Arr, ZALV Zalesovo Beam, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, MKAR Makanchi Array, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou.

ISCJB 30 02:19:45.2.0.6.40.92S:0.03x178.00E:0.06,h17km, mb3.9/4, MS3.4/2, Error ellipse: s-maj=6.7km s-min=2.9km az=26.0 WEL 30 02:19:46.5.41.5.4.17.8E:1.7h3km,ML4.5/14 IDC 30 02:19:48.0.1.4.40.62S:177.62E,h0km,mb3.8/3, mb1 4.1/5, mb1mx3.9/28, mbtmp4.0/5, ML3.8/1, MS3.3/3, Ms1 3.4/3, ms1mx3.0/28, Error ellipse: s-maj=35.0km s-min=27.2km az=98.0

NEIC 30 02:19:49.6.0.0.40.82S:177.82E,h33km,mb4.3/1, ML4.2(WEL), After WEL. ISC 30 02:19:47.1.0.9.40.80S:0.04x177.79E:0.05,h17km,n135, o=1564/136,mb3.9/4, Off east of North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Rows include PRHZ Porangahau, PKZ Pawanui, PKZ Pawanui, PNHZ Pukerangi, BFZ Birch Farm, CPWZ Castlepont, CPWZ Castlepont, CAHZ Kahuranaki, WPHZ Waipukurua, CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, DVHZ Dannevirke, PRWZ Porirua, TIWZ Tintock, TIWZ Teitapu, PNHZ Pukerangi, TSZ Takapari Road, KRHZ Kereru, PWCZ Post Office Ro, MOWZ McNeill Hill, MHGZ Mount Peninsul, ARHZ Aropoanui, MRZ Mangatainoka R, TRWZ Traveller, HOWZ Holdsworth Sta, KWHZ Kaweka Forest, TIWZ Teitapu, WHWZ Waihua, KNZ Kokohu, BHHZ Black Hill Sta, NMHZ Naumai, PAWZ Paritua Farm, PRGZ Paritua Road, BKZ Black Stump Farm, RAHZ Aarahi, OGWZ Otaki Station, MSWZ Motouka Garage, SHNZ Shannon Statio, PLWZ Palliser, MTHZ Maungataniwha, CAWZ Cannon Point, MOVZ Mowhango, RIHZ Rimuhau, RIGZ Ritea Rd, RIGZ Ritea Rd.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRSB Marmaris-Mugla, SMG Samos, LAST Lasithi, etc.

NIED 30 04:02:00.37,40N,141.90E,h32km,Mw3.9 Best double couple: M=7.99000,1014 NP1=359.00000,858.00000...

ISCJB 30 04:02:40.0,37.33N,141.97E,0.07,h42km,9km, mb3.6/8,MS3.6/3,Error ellipse: s-maj=10.1km

JMA Felt I J1, IDC 30 04:02:42.0,37.29N,141.98E,h39km,7km,mb3.4/8, mb1.3/7.13,mb1mx3.5/42,mbtm3.7/13,ML3.5/4,MS3.4/4...

ISC 30 04:02:40.5,0.8,37.36N,141.96E,0.05,h25km,4km, n32,e157/39,mb3.8/6,MS3.3/3,Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, JMM Marumori, etc.

MEX 30 04:07:37.6,0.5,14.07N,91.99W,h18km,44km,MD3.9, Guatemala

TEH 30 04:09:52.2,38.85N,44.44E,h4km,ML3.4 NSPP 30 04:09:52.4,38.25N,44.45E,h6km,MS3.3

Code Station Name Az Az' Phase ID Time Res. Includes stations like BASK Baskale_VAN, BASK Baskale_VAN, YOVA Hakkari_Y...kse

Code Station Name Az Az' Phase ID Time Res. Includes stations like GEVA Gevas, GEVA Gevas, GEVA Nevakchivan, NAX Naxos

ORD 30 04:02:00.37,40N,141.90E,h32km,Mw3.9 Best double couple: M=7.99000,1014 NP1=359.00000,858.00000...

ISCJB 30 04:02:40.0,37.33N,141.97E,0.07,h42km,9km, mb3.6/8,MS3.6/3,Error ellipse: s-maj=10.1km

JMA Felt I J1, IDC 30 04:02:42.0,37.29N,141.98E,h39km,7km,mb3.4/8, mb1.3/7.13,mb1mx3.5/42,mbtm3.7/13,ML3.5/4,MS3.4/4...

ISC 30 04:02:40.5,0.8,37.36N,141.96E,0.05,h25km,4km, n32,e157/39,mb3.8/6,MS3.3/3,Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ORD Ordubad, ORD Ordubad, SBZ Shabz, SBZ Shabz, etc.

az=169.0, ISCJB 30 04:17:10.5,0.6,36.83N,140.60E,0.05,h14km,4km, mb3.3/9,MS4.3/1,Error ellipse: s-maj=7.1km s-min=4.4km az=25.6

JMA Felt I J1, IDC 30 04:17:10.7,1.1,36.85N,140.60E,0.04,h5km,8km, n26,e057/28,mb3.4/9,4C-2D,Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHO Hitachi, JHO Hitachi, ONAJ Iwakimizuishi, etc.

IDC 30 04:18:46.0,15.0,38.67N,141.47E,h0km,mb3.7/5, mb1.3/8.5,mb1mx3.4/59,mbtm3.7/5,MS3.8/1,Ms1.3/8.1, ms1mx2.4/43,Error ellipse: s-maj=400.1km s-min=34.0km az=171.2

ISCJB 30 04:19:03.9,0.7,39.57N,140.04,141.3E,0.1,h125km,4km, mb3.4/5,Error ellipse: s-maj=14.9km s-min=7.1km az=6.0

JMA Felt I J1, IDC 30 04:19:05.2,0.1,39.56N,141.25E,h120km,1km,MS3.5

ISC 30 04:19:04.8,1.0,39.56N,140.05,141.32E,0.10,h121km,7km, n17,e037/24,mb3.5/5,Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOM Ohasama, JOM Ohasama, JRG Rokugo, etc.

IDC 30 04:23:45.6,5.6,2.00N,101.44W,h0km,mb3.5/4, mb1.4/0.4,mb1mx3.7/35,mbtm3.5/4,MS3.6/13, Ms1.3/6.13,ms1mx3.4/20,Error ellipse: s-maj=334.9km s-min=62.1km az=97.0,Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like GCUF Volcan Galeras, CRUC La Cruz, AHML Horco Molle, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TISN Laguna Tiscapa, SPB Sao Paulo, SPB Sao Paulo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TEIG Tepich, CMIG Matias Romero, GOOR Cerro Castillo, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like 243A Waterproof, 341A Kurthwood, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like W44A Shelby Farms P, MET Memphis-Engin, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like PTCN Pitcairn Islan, V41A Mountainview, etc.

30d 5h

2012 JAN

1486

MCWV	Mont Chateau	53.73 356	eP	P	05 20 18.0	-0.3
MCWV	French Village	53.74 346	eP	LR	05 20 17.3	-1.0
FVM	French Village	53.74 346	eP	LR	05 20 17.3	-1.0
U36A	Oologah	53.79 340	P	P	05 20 18.6	-0.1
Q47A	Bedord North L	53.82 350	P	P	05 20 18.0	-0.9
MNTX	Cornudas Mount	53.82 328	P	P	05 20 18.6	-0.5
MNTX	Cornudas Mount	53.82 328	eP	P	05 20 18.5	-0.6
PSUB	Penn St - Bra	53.86 0	eP	P	05 20 20.7	+1.6
R43A	Red Bud	53.90 346	P	P	05 20 18.8	-0.7
T38A	Diamond	53.91 342	P	P	05 20 19.5	-0.1
S40A	Lebanon	53.91 343	P	P	05 20 19.1	-0.6
MVL	Millersville	53.94 359	eP	P	05 20 20.4	+0.8
OLIL	Olney	53.94 348	eP	P	05 20 18.7	-1.0
CCM	Cathedral Cave	54.01 345	P	P	05 20 19.3	-1.0
CCM	Cathedral Cave	54.01 345	eP	P	05 20 19.4	-0.9
CCM	Cathedral Cave	54.01 345	eP	MLR	05 20 19.4	-0.9
CCM	Cathedral Cave	54.01 345	eP	MLR	05 20 19.4	-0.9
BLO	Bloomington	54.07 350	eP	P	05 20 19.7	-1.0
BLO	Bloomington	54.07 350	eP	MLR	05 20 19.7	-1.0
BLO	Bloomington	54.07 350	eP	MLR	05 20 19.7	-1.0
Q46A	CEJHS Indian	54.08 349	P	P	05 20 19.5	-1.2
U35A	Pawnee	54.11 339	P	P	05 20 21.0	-0.1
U35A	Pawnee	54.11 339	eP	P	05 20 20.8	-0.3
Q45A	Warren Harvey	54.11 348	P	P	05 20 20.0	-1.0
R42A	Luebbering	54.11 345	P	P	05 20 20.3	-0.7
PAGS	Pennsylvania G	54.17 359	eP	P	05 20 21.7	+0.3
T37A	Cheneyville 18	54.19 341	P	P	05 20 21.6	0.0
S39A	Bolivar	54.23 343	P	P	05 20 21.5	-0.5
O56A	Blue Knob Stat	54.27 357	P	P	05 20 22.5	+0.3
O56A	Blue Knob Stat	54.27 357	eP	P	05 20 22.6	+0.3
R41A	Rosebud	54.27 345	P	P	05 20 21.4	-0.8
Q44A	Meyer Farm, Va	54.30 347	P	P	05 20 21.5	-0.9
SLM	Saint Louis	54.31 346	eP	P	05 20 21.8	-0.7
SLM	Saint Louis	54.31 346	eP	P	05 20 21.8	-0.7
P47A	Martinsville	54.33 350	P	P	05 20 21.5	-1.1
S38A	Stockton	54.35 342	P	P	05 20 22.2	-0.5
MSTX	Muleshoe	54.43 332	P	P	05 20 23.3	-0.3
MSTX	Muleshoe	54.43 332	eP	P	05 20 23.1	-0.5
T36A	Boogs Farm, Ca	54.44 340	P	P	05 20 23.2	-0.2
SRIG	Santa Rosalia	54.45 319	eP	P	05 20 24.6	+0.9
EPT	El Paso	54.46 328	eP	LR	05 20 23.6	-0.3
Q43A	New Douglas	54.48 347	P	P	05 20 22.8	-0.9
R40A	Maddies Station	54.50 344	P	P	05 20 23.2	-0.7
T35A	Sooner Cattle	54.52 339	P	P	05 20 24.2	+0.1
SSPA	Standing Stone	54.61 358	eP	P	05 20 24.9	+0.3
P46A	Rosedale	54.62 349	P	P	05 20 23.4	-1.3
BRNJ	Basking Ridge	54.62 1	eP	P	05 20 25.3	+0.6
P45A	Graceland, Par	54.64 349	P	P	05 20 23.5	-1.3
Q42A	Golden Eagle	54.65 346	P	P	05 20 24.2	-0.7
AMTX	Amarillo	54.72 334	P	P	05 20 25.1	-0.6
AMTX	Amarillo	54.72 334	eP	P	05 20 25.1	-0.6
R39A	Chumby, Stover	54.73 343	P	P	05 20 24.9	-0.6
S37A	Fort Scott	54.74 341	P	P	05 20 25.4	-0.2
CPNY	Central Park	54.75 2	eP	P	05 20 26.0	+0.5
P44A	Sand Creek, Wi	54.76 348	P	P	05 20 24.5	-1.2
N59A	State Game Lan	54.85 360	P	P	05 20 27.3	+0.9
N59A	State Game Lan	54.85 360	eP	P	05 20 27.1	+0.8
T34A	McClaskey Farm	54.85 339	P	P	05 20 26.5	0.0
Q41A	Truxton	54.86 345	P	P	05 20 25.6	-0.8
R38A	Fenwick Farm,	54.86 342	P	P	05 20 25.9	-0.6
HSIG	HSIG	54.86 322	eP	LR	05 20 26.5	-0.2
U32A	Winter Ranch,	54.94 337	P	P	05 20 26.8	-0.3
U32A	Winter Ranch,	54.94 337	eP	P	05 20 26.5	-0.6
S36A	Lake Cedric, C	54.95 341	P	P	05 20 27.0	-0.2

PAL	Palisades	54.96 2	eP	P	05 20 27.3	+0.2
PAL	Palisades	54.96 2	eP	MLR	05 20 27.3	+0.2
ODNJ	Ogdensburg	55.02 1	eP	P	05 20 29.2	+1.6
N54A	Moraine State	55.04 356	P	P	05 20 27.5	-0.2
N54A	Moraine State	55.04 356	eP	P	05 20 27.3	-0.5
Q47A	Sheridan	55.05 350	P	P	05 20 26.2	-1.6
Q40A	Laux Farm, Aux	55.11 344	P	P	05 20 27.5	-0.8
P43A	Skaggs, Pawnee	55.11 347	P	P	05 20 27.3	-0.9
S35A	Otter Creek Ra	55.15 340	P	P	05 20 28.4	-0.2
P42A	Winchester	55.24 346	P	P	05 20 28.2	-1.0
R37A	Teagarden Farm	55.26 342	P	P	05 20 28.9	-0.4
O45A	Potomac	55.33 349	P	P	05 20 28.1	-1.8
SFIN	Lafayette	55.34 349	P	P	05 20 28.1	-1.8
SFIN	Lafayette	55.34 349	eP	P	05 20 27.8	-2.1
Q44A	Mansfield	55.38 348	P	P	05 20 28.6	-1.6
Q39A	Willow Grove F	55.40 344	P	P	05 20 29.6	-0.7
S34A	Willow Spring	55.44 339	P	P	05 20 30.5	-0.2
R36A	Gordon, Harris	55.47 341	P	P	05 20 30.6	-0.3
Q38A	Cooks Store, C	55.50 343	P	P	05 20 30.8	-0.3
P41A	Barry, Barry	55.50 346	P	P	05 20 30.1	-1.0
M54A	Oil Creek Stat	55.56 356	P	P	05 20 31.0	-0.5
M54A	Oil Creek Stat	55.56 356	eP	P	05 20 31.0	-0.5
P40A	Paris	55.61 345	P	P	05 20 30.9	-0.9
319A	Douglas	55.65 325	eP	P	05 20 33.3	+0.9
Q37A	Longview Farm,	55.66 342	P	P	05 20 31.6	-0.6
O43A	Sugar Creek Fa	55.69 347	P	P	05 20 31.0	-1.4
R35A	Emporia Munci	55.70 340	P	P	05 20 32.6	+0.1
121A	Cookes Peak, D	55.73 327	P	P	05 20 34.1	+1.0
ALLY	Alleghey Colle	55.73 356	eP	LR	05 20 32.6	-0.2
P39B	Salury	55.75 344	P	P	05 20 32.2	-0.6
O42A	Bath	55.77 347	P	P	05 20 31.8	-1.2
N46A	Monticello	55.78 350	P	P	05 20 31.4	-1.6
N45A	Kentland	55.87 349	P	P	05 20 31.8	-1.9
O41A	Passleys Farm,	55.88 346	P	P	05 20 32.4	-1.3
N44A	Piper City	55.94 349	P	P	05 20 32.3	-1.9
HDIL	Hopedale	55.94 347	eP	P	05 20 32.8	-1.5
HDIL	Hopedale	55.94 347	eP	LR	05 20 32.7	-1.5
R34A	Isabelle, Hill	56.02 340	P	P	05 20 34.7	-0.1
Q36A	Arnold C, Orve	56.04 341	P	P	05 20 34.3	-0.6
P38A	Dawn	56.09 343	P	P	05 20 34.6	-0.7
O40A	La Belle	56.12 345	P	P	05 20 34.5	-1.0
Q35A	Mercer Eighty,	56.13 341	P	P	05 20 35.1	-0.6
BINY	Binghamton	56.13 360	eP	P	05 20 36.1	+0.5
ERPA	Erie	56.19 356	eP	LR	05 20 35.6	-0.4
M46A	Old House Fiel	56.22 350	P	P	05 20 34.5	-1.6
N43A	Sturman Farm	56.28 348	P	P	05 20 35.4	-1.3
P37A	Lathrop	56.29 343	P	P	05 20 35.8	-0.9
M45A	Boilermakers S	56.35 350	P	P	05 20 35.2	-1.9
N42A	Yates City	56.36 347	P	P	05 20 35.8	-1.4
BNM	Barren Site	56.41 329	eP	P	05 20 38.4	+0.4
O39A	Kirkville	56.42 345	P	P	05 20 37.0	-0.6
N41A	Harden Midland	56.43 346	P	P	05 20 36.4	-1.3
Q34A	Chapman	56.48 340	P	P	05 20 37.7	-0.4
M44A	Midewin, Midew	56.49 349	P	P	05 20 36.0	-2.1
Y22D	IRIS PASSCAL I	56.49 329	P	P	05 20 39.2	+0.7
Y22D	IRIS PASSCAL I	56.49 329	P	PF	05 20 50.0	+1.2
Y22E	IRIS PASSCAL I	56.49 329	P	P	05 20 39.3	+0.8
KSU1	Kansas State U	56.53 341	P	P	05 20 37.8	-0.7
KSU1	Kansas State U	56.53 341	eP	P	05 20 37.8	-0.7
LPM	Los Pinos Moun	56.54 329	eP	P	05 20 38.9	+0.1
O38A	Galt	56.54 344	P	P	05 20 37.6	-0.9
HRV	Adam Dziewonsk	56.56 4	eP	P	05 20 39.1	+0.5
HRV	Adam Dziewonsk	56.56 4	eP	MLR	05 20 39.1	+0.5
HRV	Adam Dziewonsk	56.56 4	eP	MLR	05 20 39.1	+0.5
HRV	Adam Dziewonsk	56.56 4	eP	MLR	05 20 39.1	+0.5
P36A	Good Intent, A	56.57 342	P	P	05 20 37.8	-0.9
RKT	Rikitea	56.57 252	eP	P	05 20 39.9	+0.8
RKT	Rikitea	56.57 252	eP	S	05 28 27.5	-1.5
RKT	Rikitea	56.57 252	eP	SS	05 32 17.0	+0.2
RKT	Rikitea	56.57 252	eP	eLQ	05 34 40.0	
RKT	Rikitea	56.57 252	eP	eLR	05 37 03.2	
RKT	Rikitea	56.57 252	eP	T	06 21 06.6	

LENN	Lemitar	56.59 329	eP	P	05 20 39.6	+0.4
MMNY	Mt. Morris Dam	56.70 358	eP	P	05 20 39.2	-0.4
AAM	Ann Arbor	56.71 353	P	P	05 20 38.5	-1.2
AAM	Ann Arbor	56.71 353	eP	P	05 20 38.6	-1.1
AAM	Ann Arbor	56.71 353	eP	MLR	05 20 38.6	-1.1
AAM	Ann Arbor	56.71 353	eP	MLR	05 20 38.6	-1.1
M43A	Waltham Townsh	56.72 348	P	P	05 20 38.1	-1.7
P35A	Duane Minner,	56.74 341	P	P	05 20 39.2	-0.7
O37A	Wolven Farm, M	56.77 343	P	P	05 20 39.4	-0.7
N40A	Mertquake, Sal	56.77 346	P	P	05 20 38.7	-1.4
L42A	Sheffield	56.87 329	eP	P	05 20 41.8	+0.7
ANMO	Albuquerque	56.96 330	eP	P	05 20 42.4	+0.5
ANMO	Albuquerque	56.96 330	eP	P	05 20 42.0	+0.1
ANMO	Albuquerque	56.96 330	eP	MLR	05 20 42.2	+0.4
ANMO	Albuquerque	56.96 330	eP	LR	05 20 42.2	+0.4
O36A	Bolckow	56.97 342	P	P	05 20 40.4	-1.2
N39A	Derby Farms, D	56.99 345	P	P	05 20 40.7	-1.0
M41A	Milan	57.00 347	P	P	05 20 40.1	-1.6
P34A	Walnut Farm, R	57.01 341	P	P	05 20 41.5	-0.4
N38A	Joess South For	57.10 344	P	P	05 20 41.7	-0.8
TUC	Tucson	57.19 325	eP	P	05 20 43.8	+0.4
TUC	Tucson	57.19 325	eP	P		

LONY	Lake Ozonia	58.56	1	eP	P	05 20 52.9	+0.3
LONY	comp=Z,432nm,1.4s				LR		
J42A	Columbus	58.56	349	P	P	05 20 51.4	-1.2
K39A	Delwein	58.57	346	P	P	05 20 51.2	-1.6
KSCO	Kaye Shedlock	58.64	336	P	P	05 20 53.5	0.0
KSCO	Kaye Shedlock	58.64	336	eP	P	05 20 53.5	0.0
KSCO	Petrified Fore				LR		
L36A	Harm Buss Farm	58.71	344	P	P	05 20 53.2	-0.5
M34A	Aspy Farms, Fr	58.71	342	P	P	05 20 53.3	-0.5
K38A	Parkersburg	58.73	345	P	P	05 20 52.6	-1.2
W18A	Petrified Fore	58.75	328	P	P	05 20 55.1	+0.7
W18A	Petrified Fore	58.75	328	eP	P	05 20 55.0	+0.6
W18A	comp=Z,863nm,1.1s				LR		
W18A	comp=Z,14um,20.0s				LR		
SADO	Sadowa	58.78	357	eP	P	05 20 53.2	-1.0
SADO	comp=Z,124nm,0.9s				LR		
J41A	Loganville	58.79	348	P	P	05 20 53.2	-1.0
FRNY	Flat Rock	58.80	2	eP	P	05 20 54.8	+0.6
FRNY	comp=Z,400nm,1.1s				LR		
FRNY	comp=Z,9um,21.0s				LR		
SDCO	Great Sand Dun	58.80	333	P	P	05 20 55.2	+0.4
SDCO	Great Sand Dun	58.80	333	eP	P	05 20 55.1	+0.3
SDCO	comp=Z,467nm,1.1s				LR		
I43A	Langenfeld Bro	58.93	349	P	P	05 20 54.2	-1.1
M33A	Taylor Creek F	58.97	341	P	P	05 20 54.7	-0.8
L35A	Bielow Farm, R	58.97	343	P	P	05 20 54.8	-0.7
J40A	Soldiers Grove	58.97	347	P	P	05 20 54.2	-1.3
K37A	Belmond	59.06	345	P	P	05 20 54.9	-1.3
L34A	Svendsen Farm,	59.08	342	P	P	05 20 55.4	-0.9
I42A	Draeger Farm,	59.08	349	P	P	05 20 55.4	-0.8
SACV	Santiago Islan	59.09	63	eP	P	05 20 56.0	-0.9
BGNE	Belgrade	59.12	340	P	P	05 20 56.2	-0.5
BGNE	Belgrade	59.12	340	eP	P	05 20 56.1	-0.5
BGNE	comp=Z,1um,1.0s				LR		
J39A	Decorah	59.12	346	P	P	05 20 55.1	-1.5
X16A	Lo Mia Camp, P	59.13	326	eP	P	05 20 58.0	+0.9
X16A	comp=Z,296nm,1.4s				LR		
K36A	Gilmore City	59.15	344	P	P	05 20 56.4	-0.3
113A	Mohawk Valley,	59.24	323	eP	P	05 20 58.2	+0.7
113A	comp=Z,185nm,1.1s				LR		
J38A	Wedel Dairy, R	59.29	346	P	P	05 20 56.1	-1.6
S22A	4UR Ranch, Cre	59.40	332	P	P	05 20 59.4	+0.4
S22A	4UR Ranch, Cre	59.40	332	eP	P	05 20 58.9	-0.1
S22A	comp=Z,393nm,1.4s				LR		
I40A	Norwalk	59.42	347	P	P	05 20 57.6	-1.0
I41A	Arkdale	59.42	348	P	P	05 20 57.6	-1.0
K43A	Windswept, Lux	59.43	350	P	P	05 20 57.7	-1.0
H35A	Storm Lake	59.44	343	P	P	05 20 58.0	-0.8
PKME	Peaks-Kenny Pk	59.48	5	eP	P	05 20 59.5	+0.6
PKME	comp=Z,152nm,1.1s				LR		
L33A	Hoskins	59.53	341	P	P	05 20 58.5	-0.9
J37A	Redenius Farm,	59.55	345	P	P	05 20 58.4	-1.1
I39A	Houston	59.58	347	P	P	05 20 58.6	-1.1
H42A	Shiocton	59.60	349	P	P	05 20 58.9	-0.9
L32A	Elgin	59.61	341	P	P	05 20 59.4	-0.6
Y14A	Wickenburg	59.65	324	eP	P	05 21 01.1	+0.6
Q24A	Divide	59.65	334	P	P	05 21 01.0	+0.3
Q24A	Divide	59.65	334	eP	P	05 21 00.7	0.0
Q24A	comp=Z,12um,22.0s				LR		
K37A	Le Ma	59.65	343	P	P	05 20 59.5	-0.8
MVCO	Mesa Verde	59.76	330	P	P	05 21 01.5	+0.1
MVCO	Mesa Verde	59.76	330	eP	P	05 21 01.6	+0.1
MVCO	comp=Z,324nm,1.1s				LR		
J36A	Seneca I, Swea	59.77	344	P	P	05 21 00.2	-0.8
K33A	Hardington	59.85	342	P	P	05 21 00.9	-0.7
H41A	Junction City	59.92	348	P	P	05 21 01.1	-1.0
WUJAZ	Wupatki	59.92	327	P	P	05 21 03.5	+1.0
WUJAZ	Wupatki	59.92	327	eP	P	05 21 03.4	+0.9
WUJAZ	comp=Z,641nm,1.2s				LR		
I38A	Scanlan Farm,	59.94	346	P	P	05 21 01.2	-0.9
J35A	Milford	60.03	344	P	P	05 21 02.0	-0.9
GLA	Glamis	60.07	322	P	P	05 21 04.0	+0.6
GLA	Glamis	60.07	322	eP	P	05 21 04.0	+0.6
GLA	comp=Z,252nm,1.4s				MLR		
GLA	Glamis	60.07	322	eP	P	05 21 04.0	+0.6
GLA	comp=Z,252nm,1.4s				MLR		
H40A	Chili	60.07	348	P	P	05 21 02.1	-1.0
OGNE	Ogallala	60.08	337	P	P	05 21 03.5	+0.1
OGNE	Ogallala	60.08	337	eP	P	05 21 03.4	+0.1
OGNE	comp=Z,1um,1.2s				LR		
TRQ	Mont Tremblant	60.16	1	eP	P	05 21 03.7	0.0
J34A	George	60.16	343	P	P	05 21 03.2	-0.6
I37A	Lemond, Waseca	60.17	345	P	P	05 21 02.9	-0.9
G43A	Wallace	60.19	350	P	P	05 21 02.6	-1.2
K32A	Verdigr	60.20	341	P	P	05 21 03.0	-1.0

F46A	Macinaw City C	60.27	353	P	P	05 21 03.1	-1.3
F45A	CMU Biological	60.28	352	P	P	05 21 03.0	-1.4
G42A	Mountain	60.30	350	P	P	05 21 03.6	-1.1
H39A	Augusta	60.31	347	P	P	05 21 03.8	-1.0
I36A	Fitzsimmons Fa	60.33	345	P	P	05 21 03.9	-0.9
ASCN	Ascension	60.34	91	eP	P	05 21 06.0	+0.3
ASCN	comp=Z,270nm,1.1s				LR		
TRIS	Tristan da Cun	60.37	125	eP	P	05 21 06.6	+1.2
TRIS	comp=Z,26um,21.0s				LR		
Y12C	Blythe	60.38	323	P	P	05 21 06.4	+0.9
Y12C	Blythe	60.38	323	eP	P	05 21 04.0	-1.5
Y12C	comp=Z,325nm,1.1s				LR		
G41A	Antigo	60.40	349	P	P	05 21 04.3	-1.0
K31A	O'Neill	60.41	341	P	P	05 21 05.4	-0.1
I35A	Creekvief Farm	60.43	344	P	P	05 21 05.0	-0.6
J33A	Davis	60.49	342	P	P	05 21 05.1	-0.9
H38A	Maiden Rock	60.53	346	P	P	05 21 05.5	-0.7
PV01	Paradox Valley	60.53	331	eP	P	05 21 07.2	+0.5
ISCO	Idaho Springs	60.55	334	P	P	05 21 07.1	+0.3
ISCO	Idaho Springs	60.55	334	eP	P	05 21 07.0	+0.1
ISCO	comp=Z,270nm,1.1s				MLR		
ISCO	Idaho Springs	60.55	334	eP	P	05 21 07.0	+0.1
ISCO	comp=Z,270nm,1.1s				LR		
IKP	In-Ko-Pah, Jac	60.56	321	P	P	05 21 07.7	+0.9
PDMCI	Parker Dam, Lak	60.56	324	P	P	05 21 07.3	+0.7
SWSC	Sam W. Stewart	60.57	322	P	P	05 21 07.5	+0.7
LMN	Caledonia Moun	60.58	9	eP	P	05 21 07.0	+0.5
LMN	comp=Z,258nm,1.3s				LR		
H37A	Dierke Farm, C	60.59	346	P	P	05 21 05.9	-0.7
SMCO	Snowmass	60.63	332	eP	P	05 21 07.9	+0.4
SMCO	comp=Z,432nm,1.3s				LR		
G40A	Rib Lake	60.65	348	P	P	05 21 06.1	-0.9
F43A	Flat Rock, Esc	60.66	351	P	P	05 21 05.6	-1.5
F44A	Big Bay de Noc	60.69	351	P	P	05 21 05.8	-1.5
PV05	Paradox Valley	60.74	330	eP	P	05 21 08.0	-0.1
F42A	Maple Grove Fa	60.75	350	P	P	05 21 06.6	-1.1
ECSD	EROS Data Cent	60.77	343	P	P	05 21 07.2	-0.7
ECSD	EROS Data Cent	60.77	343	eP	P	05 21 07.1	-0.8
ECSD	comp=Z,500nm,1.4s				LR		
J32A	Parkston	60.80	342	P	P	05 21 07.2	-1.0
H36A	Jessenland, H	60.83	345	P	P	05 21 07.8	-0.4
I34A	Hadley	60.83	343	P	P	05 21 07.9	-0.4
BC3	Big Chuckawall	60.86	322	P	P	05 21 09.7	+0.9
G39A	Holcombe	60.87	348	P	P	05 21 07.6	-0.9
E45A	Wooded Hills,	60.90	352	P	P	05 21 07.5	-1.2
F41A	Three Lakes	60.90	349	P	P	05 21 07.8	-0.9
G38A	Ridgeland	60.90	347	P	P	05 21 07.8	-0.9
MONPZ	Monument Peak	60.91	321	P	P	05 21 10.2	+0.8
BAR	Barrett	60.92	321	eP	P	05 21 10.0	+0.8
PV10	Paradox Valley	60.95	330	eP	P	05 21 09.0	-0.5
W13A	Hualapai Mount	60.99	325	eP	P	05 21 10.8	+0.9
W13A	comp=Z,362nm,1.3s				LR		
J31A	Geddes	61.01	341	P	P	05 21 08.4	-1.1
IRM	Iron Mountain	61.03	323	P	P	05 21 10.9	+1.0
IRM	Iron Mountain	61.03	323	eP	P	05 21 10.9	+1.0
PV09	Paradox Valley	61.09	330	eP	P	05 21 10.6	+0.1
U15A	North Rim	61.09	327	eP	P	05 21 11.5	+0.9
U15A	comp=Z,339nm,1.3s				LR		
I33A	Coleman	61.11	343	P	P	05 21 09.6	-0.6
NEE2	Needles Airpor	61.16	324	P	P	05 21 11.4	+0.6
E43A	Lone Tree Farm	61.17	351	P	P	05 21 09.1	-1.4
H35A	Sunnyside Ranc	61.17	344	P	P	05 21 09.7	-0.9
COWI	Conover	61.25	349	eP	P	05 21 10.2	-0.9
COWI	comp=Z,162nm,1.3s				LR		
E44A	Grand Marais A	61.25	352	P	P	05 21 10.1	-1.0
F40A	Park Falls	61.26	349	P	P	05 21 10.3	-0.9
I32A	Karley and Nic	61.28	342	P	P	05 21 10.8	-0.6
109C	Camp Elliot, M	61.33	321	P	P	05 21 12.5	+0.6
E42A	Champion	61.36	350	P	P	05 21 10.9	-1.0
H34A	Spellman Lake,	61.39	344	P	P	05 21 11.6	-0.5
G36A	St. Michael	61.40	346	P	P	05 21 11.6	-0.5
F39A	Loretta	61.41	348	P	P	05 21 11.3	-1.0
BELC	Belle Mtn. Jos	61.43	322	P	P	05 21 13.6	+0.8
XPFO	Piaon Flat	61.43	322	eP	P	05 21 13.7	+0.9
XPFO	comp=Z,321nm,1.1s				LR		
PFO	Pinyon Flats O	61.43	322	P	P	05 21 13.7	+0.9
PFO	Pinyon Flats O	61.43	322	eP	P	05 21 13.6	+0.9
PFO	comp=Z,301nm,1.1s				MLR		
PFO	Pinyon Flats O	61.43	322	eP	P	05 21 13.6	+0.9
PFO	comp=Z,16um,22.0s				MLR		
SNDA	J Saunders P	61.48	321	eP	P	05 21 14.5	+1.4
TPC	Twentynine Pal	61.53	322	eP	P	05 21 14.1	+0.7
G35A	Watkins	61.57	345	P	P	05 21 12.6	-0.7
E41A	Kento	61.57	350	P	P	05 21 12.2	-1.1
N23A	Red Feather La	61.59	334	P	P	05 21 14.1	+0.2
N23A	Red Feather La	61.59	334	eP	P	05 21 13.9	0.0

N23A	comp=Z,142nm,1.0s				LR		
F37A	Hinrichs Farm,	61.60	347	P	P	05 21 13.1	-0.4
I31A	Royce, Wessing	61.61	341	P	P	05 21 13.1	-0.5
F38A	Pierce - Schro	61.66	347	P	P	05 21 13.3	-0.6
LDFC	Landfair	61.67	324	eP	P	05 21 15.6	+1.3
LDFC	comp=Z,239nm,1						

F32A	Veblen	62.87 343	P	P	05 21 21.3 -0.7
CHFC	Chilao Flat St	62.87 321	eP	P	05 21 23.4 +1.0
SNO	Snow College	62.90 329	eP	P	05 21 23.5 +0.9
WCU	Willow Creek	62.91 329	eP	P	05 21 23.6 +0.9
D37A	Cotton	62.91 347	P	P	05 21 21.9 -0.4
SHOC	Shoshone, Teco	62.92 324	P	P	05 21 23.2 +0.6
E34A	Wadena	62.95 345	P	P	05 21 22.4 0.0
DECC	Green Verdugo	63.01 321	P	P	05 21 24.2 +1.0
C40A	Isle Royale Na	63.01 350	P	P	05 21 22.2 -0.6
SNCC	San Nicolas Is	63.08 319	P	P	05 21 24.3 +0.7
SNCC	San Nicolas Is	63.08 319	eP	P	05 21 24.6 +1.0
SNCC	comp-Z,311nm,1.2s		LR	LR	
C39A	Grand Marais	63.09 349	P	P	05 21 22.5 -0.9
D36A	Goodland	63.09 347	P	P	05 21 22.7 -0.7
E33A	Westby DABS, E	63.15 344	P	P	05 21 23.3 -0.6
LEVU	Levan	63.18 329	eP	P	05 21 25.2 +0.8
F31A	Hecla	63.18 342	P	P	05 21 23.5 -0.6
D35A	Remer	63.21 346	P	P	05 21 23.4 -0.8
C38A	Sawhill Land	63.21 348	P	P	05 21 23.0 -1.2
EDW2	Edwards Air Fo	63.23 322	P	P	05 21 25.2 +0.5
TAOE	Nuku Hiva Isla	63.25 267	eP	P	05 21 25.0 -0.3
TAOE	comp-Z,548nm,1.3s		eS	S	05 29 53.0 -2.4
TAOE	comp-Z,37um,31.4s		eLQ	LQ	05 37 27.5
TAOE	comp-Z,21um,29.0s		eLR	LR	05 40 06.5
TAOE	comp-Z,89um,25.8s,baz=105		eT	T	06 29 16.4
TAOE	Nuku Hiva Isla	63.25 267	eT	T	06 29 16.4
TAOE	Nuku Hiva Isla	63.25 267	eT	T	06 29 16.4
TAOE	comp-Z,29um,20.0s		LR	LR	
FLU	Fool Peak	63.26 329	eP	P	05 21 25.8 +0.8
K22A	Casper	63.29 335	P	P	05 21 25.2 +0.1
K22A	Casper	63.29 335	eP	P	05 21 25.2 +0.1
K22A	comp-Z,393nm,1.0s		LR	LR	
K22A	comp-Z,8um,22.0s		LR	LR	
BLG	Laguna Peak, P	63.36 320	P	P	05 21 26.2 +0.7
C37A	Embarrass	63.41 348	P	P	05 21 24.9 -0.6
LRMC	Laurel Mtn Rd	63.45 322	P	P	05 21 26.9 +0.7
EYMN	Ely	63.47 348	P	P	05 21 25.0 -0.9
EYMN	Ely	63.47 348	eP	P	05 21 24.9 -1.1
MPU	Maple Canyon	63.48 330	eP	P	05 21 26.9 +0.5
MPU	comp-Z,229nm,1.2s		LR	LR	
D34A	Park Rapids	63.49 345	P	P	05 21 25.5 -0.6
OSI	Ostio Audit, C	63.49 321	P	P	05 21 27.1 +0.7
OSI	Ostio Audit, C	63.49 321	eP	P	05 21 27.1 +0.7
OSI	comp-Z,500nm,1.4s		LR	LR	
PSUT	Pine Spring	63.49 327	eP	P	05 21 27.5 +1.0
PSUT	comp-Z,199nm,1.0s		LR	LR	
E32A	Graten, Kindr	63.52 344	P	P	05 21 25.8 -0.4
RSSD	Black Hills	63.56 338	P	P	05 21 27.1 +0.2
RSSD	Black Hills	63.56 338	eP	P	05 21 27.0 +0.1
RSSD	comp-Z,383nm,1.1s		MLR	MLR	
RSSD	comp-Z,6um,20.0s		LR	LR	
RSSD	comp-Z,383nm,1.1s		LR	LR	
RSSD	comp-Z,6um,20.0s		LR	LR	
C36A	Pine Crest Far	63.57 347	P	P	05 21 26.1 -0.5
SC2A	Santa Cruz Isl	63.64 320	P	P	05 21 28.0 +0.6
TPNV	Topopah Spring	63.65 324	P	P	05 21 28.7 +1.1
TPNV	Topopah Spring	63.65 324	eP	P	05 21 28.6 +1.1
TPNV	comp-Z,269nm,1.1s		MLR	MLR	
TPNV	comp-Z,7um,20.0s		LR	LR	
NLU	North Lily Min	63.65 329	eP	P	05 21 27.5 -0.1
NLU	comp-Z,439nm,1.4s		LR	LR	
FURC	Furnace Creek	63.66 324	P	P	05 21 28.4 +1.1
D33A	AnnSam, Waubun	63.70 345	P	P	05 21 27.1 -0.3
E31A	Nome	63.71 343	P	P	05 21 27.2 -0.4
MPMC	Manual Spec	63.73 323	P	P	05 21 28.6 +0.4
C35A	Jirik Farms, M	63.77 346	P	P	05 21 27.2 -0.7
HTU	Hoyt Peak	63.79 330	eP	P	05 21 29.2 +0.7
JLU	Jordanelle	63.85 330	eP	P	05 21 29.4 +0.6
JLU	comp-Z,411nm,1.1s		LR	LR	
KLJ	Keetly	63.85 330	eP	P	05 21 29.5 +0.7
RCJ	Ross Creek	63.89 330	eP	P	05 21 30.0 +0.9
ARVC	Arvin	63.90 321	P	P	05 21 29.8 +0.8
C34A	RKJ Ranch, Bem	63.94 346	P	P	05 21 28.6 -0.5
DAC	Darwin (Calif)	63.95 323	eP	P	05 21 30.0 +0.5
DAC	comp-Z,193nm,1.2s		MLR	MLR	
DAC	comp-Z,14um,22.0s		LR	LR	
DAC	Darwin (Calif)	63.95 323	eP	P	05 21 30.0 +0.5
DAC	comp-Z,193nm,1.2s		LR	LR	
DAC	comp-Z,14um,22.0s		LR	LR	
WTU	Western Traver	63.98 330	eP	P	05 21 30.4 +0.8
GMU	Granite Mounta	63.98 330	eP	P	05 21 30.2 +0.6
SBC	Santa Barbara	63.98 320	P	P	05 21 30.2 +0.6
D32A	Dogwood Acres,	64.00 344	P	P	05 21 29.1 -0.3
ISA	Isabella, Lake	64.05 322	P	P	05 21 31.1 +1.0
ISA	Isabella, Lake	64.05 322	eP	P	05 21 31.0 +1.0
ISA	comp-Z,101nm,1.0s		MLR	MLR	
ISA	comp-Z,7um,22.0s		LR	LR	
ISA	Isabella, Lake	64.05 322	eP	P	05 21 31.0 +0.9
ISA	comp-Z,101nm,1.0s		LR	LR	
CTU	Camp Tracy	64.06 330	eP	P	05 21 30.4 +0.2
CTU	comp-Z,164nm,1.0s		LR	LR	
CTU	comp-Z,7um,19.0s		LR	LR	
D31A	Mclafflin, Tow	64.11 343	P	P	05 21 29.8 -0.3
FSU	Fish Springs	64.14 328	eP	P	05 21 31.9 +1.2

RBU	Red Butte Cany	64.16 330	eP	P	05 21 31.2 +0.4
DUG	Dugway, Tooele	64.20 329	P	P	05 21 32.1 +0.9
DUG	Dugway, Tooele	64.20 329	eP	P	05 21 32.0 +0.9
DUG	comp-Z,493nm,1.0s		MLR	MLR	
DUG	comp-Z,11um,21.0s		LR	LR	
DUG	Dugway, Tooele	64.20 329	eP	P	05 21 32.0 +0.9
TCUT	Toone Canyon	64.23 331	eP	P	05 21 31.9 +0.5
TCUT	comp-Z,1um,1.3s		LR	LR	
C33A	Trail	64.26 345	P	P	05 21 30.7 -0.4
R11A	Troy Canyon, C	64.28 326	eP	P	05 21 32.9 +1.2
R11A	Troy Canyon, C	64.28 326	eP	P	05 21 32.8 +1.1
R11A	comp-Z,342nm,1.5s		LR	LR	
R11A	comp-Z,9um,20.0s		LR	LR	
GRAC	Grapevine Rang	64.31 324	P	P	05 21 33.0 +1.2
B35A	Bob, Littlefor	64.34 342	P	P	05 21 33.0 -0.7
PKM	Mcpherson Peak	64.34 321	P	P	05 21 30.0 +0.8
CWC	Cottonwood Cre	64.34 323	P	P	05 21 33.1 +1.0
FPU	Francis Peak	64.39 330	eP	P	05 21 32.8 +0.5
SAIU	Southern Antel	64.39 330	eP	P	05 21 31.9 -0.4
C32A	Crookston	64.51 345	P	P	05 21 32.5 -0.2
VES	Vestal, Richgr	64.53 322	P	P	05 21 34.0 +0.8
MCU	Monte Cristo P	64.54 331	eP	P	05 21 33.6 +0.2
NAIU	Northern Antel	64.54 330	eP	P	05 21 33.4 +0.1
SNUT	Stansbury Nort	64.58 330	eP	P	05 21 33.8 +0.3
B34A	Aery, Baudette	64.67 346	P	P	05 21 33.3 -0.4
BW06	Boulder Array	64.68 333	P	P	05 21 33.8 -0.5
BW06	Boulder Array	64.68 333	eP	P	05 21 33.8 -0.5
BW06	comp-Z,212nm,1.1s		LR	LR	
BW06	comp-Z,5um,18.0s		LR	LR	
PD31	Pinedale Array	64.68 333	eP	P	05 21 33.7 -0.6
PDAR	Pinedale Array	64.68 333	P	P	05 21 33.6 -0.6
PDAR	comp-Z,52nm,1.0s,baz=139,slow=5.7,SNR=206		pP	pP	05 21 46.4 +1.5
PDAR	comp-Z,131nm,1.0s,baz=140,slow=7.1,SNR=17		P	P	05 21 47.0 -1.2
PDAR	comp-Z,1.3nm,0.9s,baz=47,slow=3.0,SNR=6.2		P	P	05 50 32.8
PDAR	comp-Z,4um,19.0s,baz=149,slow=38		P	P	05 21 33.5 -0.4
B33A	Robert and Kas	64.69 345	P	P	05 21 35.7 +1.1
SMMC	Simler	64.73 321	P	P	05 21 34.8 0.0
GZU	Grizzly Peak	64.73 330	eP	P	05 21 34.1 -0.4
AGMN	Agassiz Nation	64.78 345	P	P	05 21 34.1 -0.4
AGMN	Agassiz Nation	64.78 345	eP	P	05 21 34.1 -0.4
AGMN	comp-Z,442nm,1.0s		LR	LR	
AGMN	comp-Z,9um,22.0s		LR	LR	
BMUT	Black Mountai	64.80 331	eP	P	05 21 34.8 -0.3
C31A	Landman Farms,	64.80 344	eP	P	05 21 34.5 -0.1
HONU	Honeyville	64.85 331	eP	P	05 21 35.6 +0.3
TIN	Tinemaha, Big	64.85 323	P	P	05 21 36.4 +1.0
BGU	Big Grassy Moun	64.86 329	eP	P	05 21 35.5 +0.1
BGU	comp-Z,173nm,1.1s		LR	LR	
WVUT	Wellsville	64.87 331	eP	P	05 21 35.1 -0.3
SPUT	South Promonto	64.87 330	eP	P	05 21 35.6 +0.2
SPUT	comp-Z,345nm,1.2s		LR	LR	
RCTC	Rector, Farmer	64.94 322	P	P	05 21 35.9 +0.1
LTU	Little Mountai	64.99 330	eP	P	05 21 36.2 -0.1
B32A	Ashes, Strandq	65.04 345	P	P	05 21 35.9 -0.3
B32A	comp-Z,158,SNR=97		LR	LR	
B32A	65.15 66	LR	LR	05 49 59.0	
B32A	comp-Z,8um,18.6s,baz=246,slow=36		P	P	05 21 38.1 +0.8
PAGB	Antelope Grade	65.16 321	eP	P	05 21 37.2 -0.2
PAGB	comp-Z,55nm,1.2s		P	P	05 21 37.2 -0.2
BEI	Bear River Ran	65.18 331	eP	P	05 21 39.1 +1.0
MTUT	Morton Thiokol	65.18 330	eP	P	05 21 37.4 -0.2
MTUM	Tungsten Hills	65.25 323	eP	P	05 21 39.1 +1.0
A33A	Warrad	65.26 346	P	P	05 21 37.4 -0.2
MLJ	Malad Rang	65.27 331	eP	P	05 21 37.8 -0.3
B31A	Greenbush Farm	65.36 344	P	P	05 21 37.9 -0.4
AHID	Auburn Hatcher	65.37 332	eP	P	05 21 38.6 -0.1
AHID	comp-Z,359nm,1.3s		LR	LR	
AHID	comp-Z,11um,21.0s		LR	LR	
MDND	Maddock	65.38 342	P	P	05 21 38.8 +0.3
MDND	comp-Z,55nm,1.2s		P	P	05 21 38.7 +0.3
MDND	Maddock	65.38 342	P	P	05 21 38.7 +0.3
MDND	comp-Z,2um,1.0s		P	P	05 21 38.8 0.0
HVU	Hansel Valley	65.39 330	eP	P	05 21 38.8 0.0
HVU	comp-Z,263nm,1.0s		MLR	MLR	
HVU	comp-Z,11um,20.0s		MLR	MLR	
HVU	Hansel Valley	65.39 330	eP	P	05 21 38.8 0.0
HVU	comp-Z,263nm,1.0s		LR	LR	
A32A	Rocking H Ranc	65.51 345	P	P	05 21 38.5 -0.8
MLAC	Mammoth, Mammo	65.60 323	P	P	05 21 41.4 +1.1
MLAC	comp-Z,133,SNR=67		P	P	05 21 41.5 +1.1
A31A	Linda, St. Vin	65.70 345	P	P	05 21 39.7 -0.8
MRDM	Red Cones	65.71 323	eP	P	05 21 41.9 +0.8
ECR	Eagle Creek	65.72 332	eP	P	05 21 41.4 +0.3
REDW	Red Top Meadow	65.73 333			

BOZ	Bozeman (W)	67.83 334	eP	P	05 21 54.6 +0.4
BOZ	comp-Z,299nm,1.1s		LR	LR	
BEKR	comp-Z,6µm,22.0s	67.99 324	eP	P	05 21 56.3 +0.8
BEKR	comp-Z,472nm,1.5s				
DLMT	Dillon	68.07 333	eP	P	05 21 56.1 +0.2
DLMT	comp-Z,372nm,1.1s		LR	LR	
DLMT	comp-Z,12µm,22.0s		LR	LR	
MFID	Camas Ranch	68.11 330	eP	P	05 21 56.8 +0.8
MFID	comp-Z,573nm,1.0s		LR	LR	
MFID	comp-Z,11µm,19.0s		LR	LR	
LCCM	Lewis and Clar	68.13 334	eP	P	05 21 56.5 +0.3
MCCM	Marconi Confer	68.33 321	eP	P	05 21 58.1 +0.7
MCCM	comp-Z,451nm,1.4s		LR	LR	
MCCM	comp-Z,6µm,21.0s		LR	LR	
LRM	Limekiln Ridge	68.37 333	eP	P	05 21 57.8 0.0
ORV	Oroville	68.44 323	eP	P	05 21 59.1 +1.0
ORV	comp-Z,535nm,1.1s		pmax	pmax	
ORV	comp-Z,535nm,1.1s				
NMTM	Midletown	68.50 322	eP	P	05 21 59.2 +0.7
GDXM	Geysers	68.71 322	eP	P	05 22 00.7 +0.9
GDXM	comp-Z,69nm,1.1s				
HRY	Holler Researc	68.80 334	eP	P	05 22 00.6 +0.3
ROSA	Rosais	68.82 38	eP	P	05 22 01.4 +0.9
ROSA	comp-Z,842nm,1.6s				
WVOR	Wild Horse Val	68.83 327	eP	P	05 22 00.6 0.0
WVOR	comp-Z,261nm,1.4s		pmax	pmax	
WVOR	comp-Z,261nm,1.4s		MLR	MLR	
WVOR	comp-Z,11µm,22.0s		LR	LR	
WVOR	Wild Horse Val	68.83 327	eP	P	05 22 00.6 0.0
WVOR	comp-Z,261nm,1.4s		LR	LR	
HOPS	Hopland Field	68.99 322	eP	P	05 22 02.5 +1.0
HOPS	comp-Z,254nm,1.3s				
EGMT	Eagleton	69.01 336	P	P	05 22 01.5 0.0
EGMT	baz=144,SNR=49				
EGMT	Eagleton	69.01 336	eP	P	05 22 01.5 0.0
EGMT	comp-Z,541nm,1.1s		LR	LR	
EGMT	comp-Z,7µm,20.0s		LR	LR	
O03D	Paynes Creek	69.10 324	P	P	05 22 01.9 -0.3
O03D	baz=132,SNR=74				
O03D	Paynes Creek	69.10 324	eP	P	05 22 02.0 -0.3
O03D	baz=132,SNR=74				
SCHQ	Schefferville	69.18 5	P	P	05 22 02.2 -0.1
SCHQ	comp-Z,100nm,1.1s,baz=197,slow=5.8,SNR=23		LR	LR	
SCHQ	comp-Z,3µm,19.0s,baz=19.9,slow=36				
SCHQ	comp-Z,248nm,1.4s		P	P	05 22 02.3 -0.1
LBCM	Butte Creek Ri	69.20 324	eP	P	05 22 03.3 +0.3
VNA1	Neumayer-Stat	69.25 161	P	P	05 22 03.8 +1.1
VAH	Vaihoa	69.30 259	eP	P	05 22 04.1 +0.2
MOD	Modoc Plateau	69.35 326	eP	P	05 22 03.9 0.0
MOD	comp-Z,241nm,1.0s		LR	LR	
MOD	comp-Z,11µm,22.0s		LR	LR	
LTIM	Timbered Crate	69.51 325	eP	P	05 22 05.4 +0.6
PMOR	Pomario Rio	69.59 259	eP	P	05 22 06.0 +0.3
VNA2	Neumayer-Watz	69.61 161	P	P	05 22 05.5 +0.6
VNA2	baz=285,slow=9.1				
VNA2	Neumayer-Watz	69.61 161	S	S	05 31 12.7 +2.3
KFPM	Farley Peak	69.62 322	eP	P	05 22 06.7 +1.2
KCPM	Cahto Peak	69.74 322	eP	P	05 22 07.5 +1.2
MSO	Missoula	69.80 333	eP	P	05 22 07.3 +0.8
MSO	comp-Z,214nm,1.0s				
MSO	Missoula	69.80 333	eP	P	05 22 07.2 +0.7
MSO	comp-Z,708nm,1.3s		LR	LR	
MSO	comp-Z,6µm,21.0s		LR	LR	
TBI	Tubuai	69.83 250	eP	P	05 22 07.8 +0.7
TBI	comp-Z,364nm,1.3s		eS	S	05 31 13.8 -0.9
TBI	comp-Z,28µm,31.8s				
TBI	comp-Z,49µm,26.8s,baz=89				
TBI	Tubuai	69.83 250	eLR	LR	05 43 12.8
TBI	comp-Z,36nm,0.3s		eT	T	06 37 40.3
BMO	Blue Mountains	69.88 330	eP	P	05 22 06.8 -0.3
BMO	comp-Z,118nm,1.0s		pmax	pmax	
BMO	comp-Z,118nm,1.0s		MLR	MLR	
BMO	comp-Z,9µm,21.0s		LR	LR	
BMO	Blue Mountains	69.88 330	eP	P	05 22 06.8 -0.3
BMO	comp-Z,118nm,1.0s		LR	LR	
BMO	comp-Z,9µm,21.0s		LR	LR	
N02D	Trinity Center	70.06 324	P	P	05 22 07.7 -0.5
M04C	Macdoel	70.11 325	P	P	05 22 09.0 +0.5
M04C	baz=131,SNR=30				
KMRM	Mali Ridge	70.16 323	eP	P	05 22 09.8 +1.1
KMRM	comp-Z,208nm,1.0s				
K05A	Summer Lake	70.23 326	eP	P	05 22 10.4 +1.1
K05A	comp-Z,376nm,1.3s		LR	LR	
K05A	comp-Z,11µm,22.0s		LR	LR	
M02C	Callahan	70.42 324	P	P	05 22 10.3 -0.1
M02C	baz=131,SNR=27				
TVO	Taravao	70.42 256	eP	P	05 22 11.5 +0.6
TVO	comp-Z,51nm,1.1s				
TVO	Taravao	70.42 256	eT	T	06 38 21.8
TVO	comp-Z,2.5nm,0.3s				
I07A	Ize	70.43 328	eP	P	05 22 11.3 +0.9
I07A	comp-Z,179nm,1.1s		LR	LR	
I07A	comp-Z,14µm,22.0s		LR	LR	
TIAR	Tiarei	70.55 256	eP	P	05 22 12.0 +0.4
TIAR	comp-Z,21nm,1.2s				
TIAR	comp-Z,13nm,0.2s		eT	T	06 38 30.6
YBH	Yreka Blue Hor	70.56 324	eP	LR	05 53 35.4
YBH	comp-Z,4µm,18.1s,baz=141,slow=36				
YBH	Yreka Blue Hor	70.56 324	eP	pmax	05 22 10.4 -0.9
YBH	comp-Z,119nm,1.1s		pmax	pmax	
YBH	comp-Z,119nm,1.1s		MLR	MLR	
YBH	comp-Z,6µm,20.0s		LR	LR	
YBH	Yreka Blue Hor	70.56 324	eP	P	05 22 10.4 -0.9
YBH	comp-Z,119nm,1.1s		LR	LR	
KHMM	Horse Mountain	70.59 323	eP	P	05 22 12.3 +0.8
KHMM	comp-Z,274nm,1.2s				
K04D	Chiloquin, OR	70.63 326	P	P	05 22 12.3 +0.7
K04D	baz=132,SNR=8.7				
JTMT	Jette	70.65 333	eP	P	05 22 12.4 +0.7
JTMT	comp-Z,318nm,1.2s		LR	LR	
JTMT	comp-Z,12µm,20.0s		LR	LR	
F10A	Beach Ranch, E	70.66 331	eP	P	05 22 12.5 +0.7
F10A	comp-Z,376nm,0.9s		LR	LR	
F10A	comp-Z,5µm,20.0s		LR	LR	
JCC	Jacoby Creek	70.73 323	eP	P	05 22 13.2 +1.0
JCC	comp-Z,473nm,1.3s				
PPTF	Pamalai Papee	70.75 256	eP	P	05 22 14.9 +2.0
PPTF	comp-Z,937nm,1.3s		LR	LR	
PPTF	comp-Z,4µm,20.0s		LR	LR	
PAE	Paea	70.75 256	eP	P	05 22 13.3 +0.5
PAE	comp-Z,23nm,1.2s				
PAE	Paea	70.75 256	eT	T	06 38 46.2
PAE	comp-Z,1.1nm,0.3s				
PPT2	Papeete2	70.76 256	eP	P	05 22 13.2 +0.2
PPT2	comp-Z,112nm,1.4s		eS	S	05 31 24.6 -1.2
PPT2	comp-Z,10µm,26.2s				
PPT2	Papeete2	70.76 256	eLR	LR	05 43 36.6
PPT2	comp-Z,9µm,27.5s,baz=100				
PPT2	Papeete2	70.76 256	eT	T	06 38 45.7
PPT2	comp-Z,2.5nm,0.2s				
PPT	Papeete	70.76 256	P	P	05 22 13.6 +0.7
PPT	comp-Z,60nm,1.1s,baz=84,slow=9.6,SNR=16		LR	LR	05 46 46.2
PPT	comp-Z,3µm,20.5s,baz=102,slow=30				
PPT	Papeete	70.76 256	P	pmax	05 22 13.6 +0.7

J05D	comp-Z,70nm,1.1s	70.79 326	P	P	05 22 13.5 +0.8
J05D	Fort Rock, OR				
J05D	baz=133,SNR=21				
BSMT	Bassoo Peak	70.95 333	eP	P	05 22 14.5 +0.8
G08A	G08A	71.01 329	eP	P	05 22 14.6 +0.6
G08A	comp-Z,180nm,1.0s		LR	LR	
G08A	comp-Z,16µm,20.0s				
SNA4	Sanae	71.21 161	P	P	05 22 15.3 +0.6
SNA4	Sanae	71.21 161	S	S	05 31 31.1 +1.8
SNA4	Sanae	71.21 161	c/P	P	05 22 15.7 +0.9
SNA4	Sanae	71.21 161	eP	P	05 22 15.5 +0.8
SNA4	comp-Z,920nm,1.5s				
SNA4	comp-Z,12µm,22.0s		LR	LR	
J04D	Umpqua Nations	71.23 326	P	P	05 22 16.1 +0.6
J04D	baz=132,SNR=18				
HUMO	Hull Mountain	71.28 325	eP	P	05 22 15.0 -0.5
HUMO	comp-Z,62nm,1.0s		LR	LR	
HUMO	comp-Z,7µm,22.0s		LR	LR	
L02D	Cave Junction,	71.35 324	P	P	05 22 16.7 +0.7
L02D	baz=131,SNR=17				
E09A	Wood Farm, Sta	71.49 331	eP	P	05 22 16.7 +0.1
E09A	comp-Z,308nm,1.0s		LR	LR	
E09A	comp-Z,6µm,22.0s		LR	LR	
WALA	Waterlakes	71.51 335	eP	P	05 22 17.3 +0.5
WALA	comp-Z,395nm,1.1s		LR	LR	
WALA	comp-Z,8µm,21.0s		LR	LR	
I05D	Terrebonne, OR	71.56 327	P	P	05 22 18.4 +1.1
I05D	baz=132,SNR=40				
KBO	Bosley Butte	71.73 324	eP	P	05 22 19.8 +1.4
KBO	comp-Z,424nm,1.3s				
I04A	Tendick Farm,	71.77 326	P	P	05 22 18.4 0.0
I04A	baz=132,SNR=10				
G06A	Carlson Farm,	71.82 328	eP	P	05 22 19.6 +0.9
G06A	comp-Z,202nm,1.3s		LR	LR	
G06A	comp-Z,10µm,20.0s		LR	LR	
E08A	Dider Farm, EI	71.92 330	eP	P	05 22 19.3 +0.1
E08A	comp-Z,178nm,1.1s		LR	LR	
E08A	comp-Z,11µm,22.0s		LR	LR	
F07A	Phinny Hill Vi	71.92 329	eP	P	05 22 20.5 +1.3
F07A	comp-Z,335nm,1.2s		LR	LR	
F07A	comp-Z,12µm,20.0s		LR	LR	
G05D	Wamic, OR	72.17 328	P	P	05 22 22.2 +1.4
G05D	baz=132,SNR=15				
I03D	Drain, OR	72.21 326	P	P	05 22 21.6 +0.5
I03D	baz=131,SNR=8.9				
FFC	Flin Flon	72.21 344	eP	pmax	05 22 20.0 -0.8
FFC	comp-Z,208nm,1.2s				
FFC	Flin Flon	72.21 344	eP	pmax	05 22 20.0 -0.8
FFC	comp-Z,208nm,1.2s				
KEBM	Edson Butte	72.22 325	eP	P	05 22 22.5 +1.3
KEBM	comp-Z,384nm,1.2s				
H04A	Detroit Lake	72.24 327	eP	P	05 22 21.5 +0.2
H04A	comp-Z,226nm,1.1s		LR	LR	
H04A	comp-Z,11µm,22.0s		LR	LR	
D08A	Wollman Farm,	72.25 331	eP	P	05 22 22.0 +0.8
D08A	comp-Z,207nm,1.3s		LR	LR	
D08A	comp-Z,8µm,21.0s		LR	LR	
NEW	Newport	72.30 332	LR	LR	05 56 23.3
NEW	comp-Z,7µm,18.8s,baz=130,slow=38				
NEW	Newport	72.30 332	P	P	05 22 21.9 +0.4
NEW	baz=138,SNR=57				
NEW	Newport	72.30 332	eP	pmax	05 22 21.8 +0.2
NEW	comp-Z,318nm,1.1s		MLR	MLR	
NEW	comp-Z,9µm,20.0s		LR	LR	
NEW	Newport	72.30 332	eP	P	05 22 21.8 +0.2
NEW	comp-Z,318nm,1.1s		LR	LR	
NEW	comp-Z,9µm,20.0s		LR	LR	
E07A	Sunnyside	72.35 330	eP	P	05 22 22.9 +1.1
E07A	comp-Z,406nm,1.0s		LR	LR	
E07A	comp-Z,15µm,19.0s		LR	LR	
C09A	Chrisman Ranch	72.49 331	eP	P	05 22 23.3 +0.7
C09A	comp-Z,8µm,21.0s		LR	LR	
COR	Corvallis	72.77 326	eP	pmax	05 22 25.4 +1.0
COR	comp-Z,706nm,1.3s		MLR	MLR	
COR	comp-Z,8µm,22.0s		LR	LR	
COR	Corvallis	72.77 326	eP	P	05 22 25.4 +1.0
COR	comp-Z,706nm,1.3s		LR	LR	
COR	comp-Z,8µm,22.0s		LR	LR	
PMOZ	Porto Moniz, M	72.81 49	i/P	P	05 22 26.2 +1.2
PMOZ	comp-Z,362nm,1.1s				
PMOZ	eS				05 31 50.9 +2.0
PMOZ	eLQ				05 46 38.0
PMOZ	eLR				05 46 38.0
LIC	Lamto	72.93 79	eP	P	05 22 24.6 -1.4
LIC	comp-Z,506nm,1.3s				
FUNCH	Funchal	72.95 49	i/P	P	05 22 26.5 +0.8
FUNCH					

30d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKBS, YKWB, YKWC, etc.

2012 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SKAG, SUR, SUR, WHY, etc.

1490

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ESY, BMRM, BMRM, BOSA, etc.

PMR	Palmer	94.72 333	eP	P	05 24 16.1	-0.9
PMR	comp-Z,24nm,0.9s			LR	LR	
RC01	comp-Z,7um,21.0s	94.82 332	eP	P	05 24 17.1	-0.4
RC01	Rabbit Creek A			LR	LR	
RC01	comp-Z,110nm,1.3s					
HDA	comp-Z,5um,20.0s	94.86 336	eP	P	05 24 16.4	-1.1
HDA	Harding Lake			LR	LR	
HDA	comp-Z,59nm,1.1s					
SNZO	comp-Z,5um,18.0s	94.88 225	PFAKE	LR	05 24 30.0	+1.2
SNZO	South Karori					
BRLK	comp-Z,28um,20.0s	94.89 331	eP	P	05 24 17.3	-0.5
BRLK	Bradley Lake			LR	LR	
BRLK	comp-Z,74nm,1.0s					
ILAR	comp-Z,3um,21.0s	94.97 336	P	P	05 24 17.1	-1.0
ILAR	Eielson Array			LR	LR	
ILAR	comp-Z,10nm,0.9s,baz=151,slow=3.4,SNR=81					
ILAR	comp-Z,11nm,0.9s,baz=105,slow=7.6,SNR=64					
ILAR	comp-Z,0.7nm,0.8s,baz=275,slow=3.8,SNR=4.2					
ILB	comp-Z,3um,21.6s,baz=115,slow=37	94.97 336	eP	P	05 24 16.5	-1.5
ILB	Eielson Array			LR	LR	
CNPM	China Foot	94.98 330	PFAKE	LR	05 24 30.0	+1.2
CNPM	comp-Z,4um,21.0s					
FYU	Fort Yukon	95.06 338	eP	P	05 24 18.6	+0.2
FYU	comp-Z,198nm,1.1s			LR	LR	
KDAK	comp-Z,8um,20.0s	95.08 328	P	P	05 24 18.2	-0.4
KDAK	Kodiak Island			LR	LR	
KDAK	comp-Z,1.6nm,1.0s,baz=110,slow=2.1,SNR=4.0					
KDAK	Kodiak Island	95.08 328	eP	P	05 24 18.2	-0.4
KDAK	comp-Z,199nm,1.8s			LR	LR	
KDAK	comp-Z,5um,22.0s					
BCLA	Clavier	95.17 39	↑P	P	05 24 19.4	+0.1
BCLA	comp-Z,41nm,1.8s					
KNTN	Kanton	95.19 266	PFAKE	sP	05 24 33.1	-1.0
KNTN	comp-Z,16um,21.0s			LR	LR	
HOM	Homer	95.22 330	PFAKE	LR	05 24 30.0	+1.1
HOM	comp-Z,5um,21.0s					
KHZ	Kahutara	95.22 224	PFAKE	LR	05 24 30.0	+1.0
KHZ	comp-Z,9um,22.0s					
RND	Reindeer	95.26 334	eP	P	05 24 18.7	-0.8
RND	comp-Z,232nm,1.4s			MLR	MLR	
RND	comp-Z,4um,20.0s	95.26 334	eP	P	05 24 18.7	-0.8
RND	Reindeer			LR	LR	
RND	comp-Z,232nm,1.4s					
RND	comp-Z,4um,20.0s					
OHAK	Old Harbor	95.26 328	PFAKE	LR	05 24 30.0	+1.0
OHAK	comp-Z,3um,22.0s					
MOZ	McQueen's Vall	95.27 223	PFAKE	LR	05 24 30.0	+1.0
MOZ	comp-Z,10um,20.0s					
CCB	Clear Creek Bu	95.29 336	eP	P	05 24 18.7	-0.8
CCB	comp-Z,114nm,1.5s			LR	LR	
CCB	comp-Z,4um,20.0s					
CRLZ	Canterbury Las	95.35 223	PFAKE	LR	05 24 30.0	+1.0
CRLZ	comp-Z,9um,19.0s					
SENIN	Lac Senin/Sane	95.38 44	eP	P	05 24 21.4	+0.8
SENIN	comp-Z,166nm,2.0s			LR	LR	
COLA	COLA College	95.39 336	eP	P	05 24 19.4	-0.5
COLA	comp-Z,110nm,0.9s			MLR	MLR	
COLA	comp-Z,6um,21.0s	95.39 336	eP	P	05 24 19.4	-0.5
COLA	COLA College			LR	LR	
COLA	comp-Z,110nm,0.9s					
SUA	comp-Z,6um,21.0s	95.40 332	eP	P	05 24 19.5	-0.7
SUA	Susitna One			LR	LR	
SUA	comp-Z,58nm,1.1s					
MCK	comp-Z,7um,22.0s	95.41 335	eP	P	05 24 19.3	-0.8
MCK	McKinley			MLR	MLR	
MCK	comp-Z,195nm,1.7s					
MCK	comp-Z,6um,19.0s	95.41 335	eP	P	05 24 19.3	-0.8
MCK	McKinley			LR	LR	
MCK	comp-Z,195nm,1.7s					
WLF	comp-Z,6um,19.0s	95.49 40	↑P	P	05 24 21.4	+0.5
WLF	Walden			LR	LR	
WLF	comp-Z,96nm,1.6s					
WLF	Walden	95.49 40	↑P	sP	05 24 34.5	-1.2
WLF	comp-Z,132nm,1.2s			MLR	MLR	
WLF	comp-Z,4um,19.0s	95.49 40	eP	P	05 24 21.3	+0.5
WLF	Walden					
WLF	comp-Z,132nm,1.2s					
WLF	comp-Z,4um,19.0s					
BEBN	Eben Emael	95.50 39	↑P	sP	05 24 21.8	+1.1
BEBN	comp-Z,14nm,0.1s					
MDM	Murphy Dome	95.58 336	eP	P	05 24 20.2	-0.7
MDM	comp-Z,14nm,0.1s					
MEM	comp-Z,6um,20.0s	95.65 39	↑P	P	05 24 21.7	+0.2
MEM	Membach			LR	LR	
MEM	comp-Z,30nm,1.9s					
MEM	comp-Z,1um,20.9s,baz=100,slow=30					
ECH	Echery	95.76 42	eP	P	05 24 22.4	+0.3
ECH	comp-Z,147nm,1.2s			MLR	MLR	
ECH	comp-Z,3um,21.0s	95.76 42	eP	P	05 24 22.4	+0.3
ECH	Echery			LR	LR	
ECH	comp-Z,147nm,1.2s					
OXZ	Oxford	95.84 223	PFAKE	LR	05 24 30.0	+7.3
OXZ	comp-Z,2um,22.0s					
HIZ	Hauiti	95.88 228	eP	P	05 24 23.8	+0.8
HIZ	comp-Z,114nm,1.1s			LR	LR	
HIZ	comp-Z,14um,22.0s					
TRF	Thorofare Moun	95.88 334	eP	P	05 24 21.5	-0.9
TRF	comp-Z,158nm,1.6s			LR	LR	
TRF	comp-Z,5um,20.0s					
SPU	comp-Z,11um,20.9s,baz=100,slow=30	95.91 332	eP	P	05 24 21.5	-1.0
LTZ	Lake Taylor	95.92 223	eP	P	05 24 23.5	+0.4
LTZ	comp-Z,62nm,1.3s			LR	LR	
LTZ	comp-Z,8um,20.0s					
THZ	Tophouse	95.93 224	eP	P	05 24 24.1	+0.9
THZ	comp-Z,104nm,1.4s			LR	LR	
ODZ	Othua Downs	95.98 221	PFAKE	LR	05 24 40.0	+1.7
ODZ	comp-Z,9um,21.0s					
KTH	Kantishna Hill	96.18 334	eP	P	05 24 22.7	-1.0
KTH	comp-Z,69nm,1.1s			LR	LR	
KTH	comp-Z,5um,20.0s					
RPZ	Rata Peaks	96.31 222	LR	LR	05 58 30.1	
RPZ	comp-Z,1um,20.9s,baz=100,slow=30					
RPZ	Rata Peaks	96.31 222	eP	P	05 24 26.0	+1.2
RPZ	comp-Z,81nm,1.3s			LR	LR	
BPWA	Bear Paw Mtn	96.39 335	eP	P	05 24 23.5	-1.1
BPWA	comp-Z,96nm,1.2s					

BPWA	comp-Z,5um,21.0s			LR	LR	
PPLA	Purkeypile	96.51 333	eP	P	05 24 24.3	-1.0
PPLA	comp-Z,242nm,1.4s			LR	LR	
BFO	Black Forest	96.54 42	eP	P	05 24 25.3	-0.3
BFO	comp-Z,33nm,1.2s			MLR	MLR	
BFO	comp-Z,3um,22.0s					
BFO	Black Forest	96.54 42	eP	P	05 24 25.3	-0.3
BFO	comp-Z,33nm,1.2s			LR	LR	
BFO	comp-Z,3um,22.0s					
LBZ	Lake Benmore	96.57 221	PFAKE	LR	05 24 40.0	+1.4
LBZ	comp-Z,11um,22.0s					
MLY	Manley	96.60 336	eP	P	05 24 24.5	-1.0
MLY	comp-Z,34nm,1.0s			LR	LR	
CAST	Castle Rocks	96.63 334	eP	P	05 24 24.5	-1.2
CAST	comp-Z,101nm,0.9s			LR	LR	
CAST	comp-Z,5um,20.0s					
DAG	Danmarks Havn	96.65 11	iP	P	05 24 22.9	-2.6
DAG	comp-Z,65nm,1.1s			MLR	MLR	
DAG	comp-Z,13um,24.0s					
DAG	Danmarks Havn	96.65 11	iP	P	05 24 22.9	-2.6
DAG	comp-Z,65nm,1.1s					
TUE	Stuetta	96.78 44	eP	P	05 24 27.1	+0.1
TUE	comp-Z,168nm,1.4s			LR	LR	
VLC	Villacolemand	96.96 46	PFAKE	LR	05 24 40.0	+1.2
VLC	comp-Z,6um,21.0s					
ITZ	Itezi-Tezhi	97.07 108	iP	P	05 24 27.1	-1.8
ITZ	comp-Z,5um,20.0s					
WKZ	Wanaka	97.11 220	PFAKE	LR	05 24 40.0	+1.1
WKZ	comp-Z,10um,20.0s					
COLD	Coldfoot	97.13 338	eP	P	05 24 28.1	+0.2
COLD	comp-Z,65nm,1.1s			LR	LR	
FOZ	Fox Glacier	97.20 222	PFAKE	LR	05 24 40.0	+1.1
FOZ	comp-Z,15um,22.0s					
STU	Stuttgart	97.20 42	eP	P	05 24 29.0	+0.3
STU	comp-Z,117nm,1.1s			MLR	MLR	
STU	comp-Z,3um,22.0s					
STU	Stuttgart	97.20 42	eP	P	05 24 29.0	+0.3
STU	comp-Z,117nm,1.1s			LR	LR	
WHZ	Wether Hill Ro	97.27 219	PFAKE	LR	05 24 40.0	+1.1
WHZ	comp-Z,18um,20.0s					
DAVA	Damueli	97.32 43	iP	P	05 24 30.3	+0.9
DAVA	comp-Z,155nm,1.1s,SNR=33					
MLZ	Mavora Lakes	97.41 220	PFAKE	LR	05 24 40.0	+1.0
MLZ	comp-Z,18um,20.0s					
FUORN	Opapas-Fuorn	97.43 44	eP	P	05 24 29.8	-0.1
FUORN	comp-Z,95nm,1.3s			LR	LR	
MCQ	Macquarie Isla	97.43 209	PFAKE	LR	05 24 40.0	+1.0
MCQ	comp-Z,5um,19.0s					
SVW2	Sparrevohn	97.52 331	eP	P	05 24 28.4	-1.3
SVW2	comp-Z,23nm,1.0s			LR	LR	
SVW2	comp-Z,4um,19.0s					
CLTB	Caltabellotta	97.64 53	eP	P	05 24 31.0	0.0
CLTB	comp-Z,6.1nm,1.2s					
STAV	Stavanger	97.65 31	eP	P	05 24 33.1	+2.8
CHGN	Chignik	97.72 326	PFAKE	LR	05 24 40.0	+9.3
CHGN	comp-Z,3um,20.0s					
SUE	Sulen	97.74 29	eP	P	05 24 32.5	+1.8
FETA	Feichten	97.83 44	iP	P	05 24 32.6	+0.9
FETA	comp-Z,150nm,1.4s,SNR=28					
BER	Bergen	97.84 30	eP	P	05 24 34.1	+3.0
PYZ	Puysegur Point	97.90 218	PFAKE	LR	05 24 40.0	+8.0
PYZ	comp-Z,11um,20.0s					
MATP	Matopo	97.92 113	PKKP	PKKPbc	05 41 07.0	+0.5
MATP	comp-Z,5.2nm,0.9s,baz=60,slow=1.2,SNR=6.6			LR	LR	
MATP	comp-Z,4um,18.0s,baz=258,slow=35					
RETA	Reutte	97.95 43	iP	P	05 24 32.9	+0.8
RETA	comp-Z,147nm,1.2s,SNR=28					
DCZ	Deep Cove	97.96 219	PFAKE	LR	05 24 40.0	+7.8
DCZ	comp-Z,14um,20.0s					
FOO	Flojo	98.01 28	eP	P	05 24 33.2	+1.3
FOO	comp-Z,3um,25.1s			IVMs_BB	IVMs_BB	
Ouz	Omahuta	98.12 231	PFAKE	LR	05 24 40.0	+6.9
Ouz	comp-Z,5um,20.0s					
MOTA	Moosalm	98.14 43	iP	P	05 24 33.8	+0.7
MOTA	comp-Z,149nm,1.0s,SNR=64					
BLS5	Blasio	98.14 31	eP	P	05 24 23.6	-9.0
BLS5	comp-Z,181nm,1.5s					
WDD	Wied Dalam	98.32 55	PFAKE	LR	05 24 50.0	+1.6
WDD	comp-Z,6um,21.0s					
WATA	Walderalm	98.46 43	iP	P	05 24 35.2	+0.7
WATA	comp-Z,228nm,1.4s,SNR=40					
SDPT	Sand Point	98.64 325	eP	P	05 24 33.8	-1.1
SDPT	comp-Z,112nm,1.0s					
GRFO	Grafenberg	98.70 41	eP	P	05 24 36.7	+1.4
GRFO	comp-Z,60nm,1.2s					
GRFO	comp-Z,1um,20.9s,baz=100,slow=30					
AQU	L'Aquila	98.74 49	eP	P	05 24 37.2	+1.4
AQU	comp-Z,81nm,1.2s					
AQU	L'Aquila	98.74 49	eP	P	05 24 37.2	+1.4
AQU	comp-Z,81nm,1.2s					
MUD	Monsted U'grnd	98.88 34	iP	P	05 24 38.5	+2.6
MUD	comp-Z,180nm,1.5s			MLR	MLR	
MUD	comp-Z,6um,20.0s					

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, SEY Seymour, ILAR Eielson Array, AKASG Malin Array B, BRTR Keskin Array B.

NIED 30 08:10:00.36780N,141.20E,h14km,Mw3.9 Best double couple: M0.700000,1014 N1.35320000,041.000000, -139.000000. NP2=229.000000,064.000000, -1.5700000.

ISCJB 30 08:10:45.01.3.36:79N.0.04:141.29E.0.08,h23km,6km,mb3.9,Error ellipse: s-maj=11.5km s-min=6.3km az=19.7.

JMA 30 08:10:47.0.1.1.36:82N.141.15E,h34km,1km,M3.8 JMA Felt II J1.

ISC 30 08:10:59.5.2.3.36:38N.140.11E,h102km,20km,mb3.3/9,mb1 3.5/9,mb1mx3.3/71,mbtmp3.6/9,Error ellipse: s-maj=24.2km s-min=17.1km az=90.0

ISC 30 08:10:46.8.1.5.36:79N.0.05:141.03E.0.08,h20km,5km,n19,-0.993/24,mb3.8/9,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFJK Yasuuchi, JYT Yasato, JYB Shiba, JFT Otama, JMT Marumori, JMM Yanaizu, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, MAT Matsushiro, SONMG Songo Array, MKAR Makanchi Array, MKURB Kurchatov Arra, ILAR Eielson Array, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, RES Resolute Bay, YKA Yellowknife Ar.

SOME 30 08:13:21.1.40:78N.76.75E,h20km KRNET 30 08:13:22.4.0.1.41:03N.76.63E,h19km,mb2.7 KNET 30 08:13:23.7.0.7.41:07N.76.51E,h0km,nl2.3,Error ellipse: s-maj=6.3km s-min=4.5km az=31.0

NCC 30 08:13:25.5.1.9.40:98N.76.53E,h0km,mb3.1,mpv2.7,Error ellipse: s-maj=18.4km s-min=8.4km az=130.0 ISC 30 08:13:23.1.1.5.41:01N.0.05:76.56E.0.03,h9km,11km,n40,-0.194/73,39C-14D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NRN Naryn, KDJ Kajisay, KDJ Kajisay, ULHL Ulahol, ULHL Ulahol, ULHL Ulahol, KZA Kyzart, KZA Kyzart, BOOM Boomskeye usch, BOOM Boomskeye usch, UCH Uchtor, UCH Uchtor, UCH Uchtor, PRZ Przheval'sk, PRZ Przheval'sk, IZV Izvestkoviy, IZV Izvestkoviy, KBK Karagaybulak, KBK Karagaybulak, KBK Karagaybulak, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TNSH Tian-Shan, TNSH Tian-Shan, KST Kaste, KST Kaste, MTBS Matube, MTBS Matube, MDOK Medeo, MDOK Medeo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MDOK Medeo, MDOK Medeo, BMNS Besmoyanak, BMNS Besmoyanak, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KOTS Kotybulak, KOTS Kotybulak, DGS Degeres, DGS Degeres, CHMS Chumysh, CHMS Chumysh, AML Almayush, AML Almayush, AML Almayush, AML Almayush, SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, EKS2 Erkin-Say, EKS2 Erkin-Say, EKS2 Erkin-Say, KURS Karatobe, KURS Karatobe, KTBS Karatobe, KTBS Karatobe, USP Ospanovka, USP Ospanovka, USP Ospanovka, USP Ospanovka, KURS Kuram, KURS Kuram, KPKS Kopek, KPKS Kopek, KPKS Kopek, MRKS Merk, MRKS Merk, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, MNAS Manas, MNAS Manas, MNAS Manas, MNAS Manas.

NCC 30 08:17:51.0.1.8.53:54N.87.94E,h0km,mb2.2,mpv1.9,Error ellipse: s-maj=15.5km s-min=7.3km az=69.0

ISC 30 08:17:10.2.2.7.53:70N.87.8E,h0km,mb1 2.9/2,mb1mx2.7/89,mbtmp2.9/2,ML2.72,4C-2D,Error ellipse: s-maj=25.0km s-min=14.2km az=66.0,Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, I46RU Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov Arra, KURK Kurchatov Arra, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi.

CSEM 30 08:20:00.1.0.8.37:03N.45.03E,h15km,ML2.8,Error ellipse: s-maj=14.7km s-min=8.3km az=86.0

ISCN 30 08:20:09.7.0.3.37:15N.43.95E,h0km,ML2.0 DDA 30 08:20:01.0.1.36:59N.44.86E,h6km,ML2.8,Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YOVA Hakkari_Y...kse, YOVA Hakkari_Y...kse, YOVA Hakkari_Y...kse, YOVA Hakkari_Y...kse, CUKT Cukurca, CUKT Cukurca, CUKT Cukurca, CUKT Cukurca, HAKT HAKKARI, HAKT HAKKARI, HAKT HAKKARI, HAKT HAKKARI.

ISC 30 08:44:25.0.1.7.6:33S.130.41E,h0km,mb3.9/1,mb1 4.1/5,mb1mx3.7/31,mbtmp3.9/5,ML4.0/4,Error ellipse: s-maj=68.7km s-min=24.0km az=85.0

ISCJB 30 08:44:28.9.0.6.3:8S.0.04:30.97E.0.08,h62km,mb4.0/1,Error ellipse: s-maj=11.3km s-min=5.4km az=167.2

DJA 30 08:44:34.2.0.6.6.3:3S.13.1E,h72km,22km,MA.3/6,mb4.5/2,mb5.2/3,MLV4.2/6,Mw(mB)4.6/3

ISC 30 08:44:29.1.0.8.6:41S.0.05:131.01E.0:07,h62km,n12,-0.277/19,Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saumlaki, BNDI Bandanaira, BNDI Bandanaira, BNDI Bandanaira, BNDI Bandanaira, MSAI Masohi, MSAI Masohi, KMPI Kaimana, KMPI Kaimana, SIJI Sorong, SIJI Sorong, SIJI Sorong, SIJI Sorong, SIWI Sorong, SIWI Sorong, RANSKI Ransiki, RANSKI Ransiki, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array.

ISC 30 08:46:49.0.2.2.12:61N.125:50E,h0km,mb3.8/6,mb1 3.9/6,mb1mx3.6/35,mbtmp3.8/6,Error ellipse: s-maj=171.0km s-min=19.6km az=72.0

ISCJB 30 08:46:52.1.0.8.12:75N.0.06:125:62E.0:08,h33km,mb3.8/6,Error ellipse: s-maj=10.9km s-min=6.0km az=179.2

MAN 30 08:46:52.12.71N.125:48E,h20km,mb4.7,ML3.6,MS3.6 ISC 30 08:46:54.1.1.0.12:65N.0.06:125:50E.0:09,h33km,n12,-0.125/15,mb3.8/6,1C-1D,Samar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CNP Catarman, CNP Catarman, BESP Borongan, BESP Borongan, PLP Palo, PLP Palo, PLP Palo, PVCP Virac, PVCP Virac, SCPH Surigao, SCPH Surigao, RCP Roxas, RCP Roxas, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, SONMG Songo Array, SONMG Songo Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye Array, BVAR Borovoye Array.

DDA 30 08:57:27.8.40:89N.31:78E,h15km,M3.5 ISK 30 08:57:27.1.40:89N.31:71E,h5km,ML3.3 CSEM 30 08:57:28.7.0.1.40:89N.31:74E,h2km,ML3.5,Error ellipse: s-maj=4.2km s-min=2.6km az=178.0

ISC 30 08:57:28.1.1.1.40:89N.0.02:31.73E.0:02,h5km,10km,n72,-0.819/97,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BCAM Yenicaga, BCAM Yenicaga, BCAM Yenicaga, BCAM Yenicaga, MDUB Mudurnu, MDUB Mudurnu, MDUB Mudurnu, MDUB Mudurnu, BTAS Taskesti, BTAS Taskesti, BTAS Taskesti, BTAS Taskesti, SAHE Sakarya_HENDEK, SAHE Sakarya_HENDEK, SAHE Sakarya_HENDEK, SAHE Sakarya_HENDEK, CEMDR Camlidere-ANKA, CEMDR Camlidere-ANKA, CEMDR Camlidere-ANKA, CEMDR Camlidere-ANKA, BTIN Bart-n, BTIN Bart-n, BTIN Bart-n, BTIN Bart-n, GULT Gulveren, GULT Gulveren, GULT Gulveren, GULT Gulveren, SPNC Sapanca-Adapaz, SPNC Sapanca-Adapaz, SPNC Sapanca-Adapaz, SPNC Sapanca-Adapaz, GEVY SAKARYA Geyve, GEVY SAKARYA Geyve, GEVY SAKARYA Geyve, GEVY SAKARYA Geyve, KAND Kocaeli-Kandir, KAND Kocaeli-Kandir, KAND Kocaeli-Kandir, KAND Kocaeli-Kandir, KURC Kurucalis-Bar, KURC Kurucalis-Bar, KURC Kurucalis-Bar, KURC Kurucalis-Bar, GPA Golpazar, GPA Golpazar, GPA Golpazar, GPA Golpazar, LOD Lodumlu, LOD Lodumlu, LOD Lodumlu, LOD Lodumlu, ANTO Ankara, ANTO Ankara, ANTO Ankara, ANTO Ankara, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, CANT Cankiri, CANT Cankiri, CANT Cankiri, CANT Cankiri, ESKT Eskisehir, ESKT Eskisehir, ESKT Eskisehir, ESKT Eskisehir, SEYT Eskisepheyr, SEYT Eskisepheyr, SEYT Eskisepheyr, SEYT Eskisepheyr, HRT Hereke, HRT Hereke, HRT Hereke, HRT Hereke, ADVT Abdulvahap, ADVT Abdulvahap, ADVT Abdulvahap, ADVT Abdulvahap, CAVI Cavusko, CAVI Cavusko, CAVI Cavusko, CAVI Cavusko, SILT Silifli, SILT Silifli, SILT Silifli, SILT Silifli, AFSR Afar-Bala (A), AFSR Afar-Bala (A), AFSR Afar-Bala (A), AFSR Afar-Bala (A), KKUL Konya-Kulu, KKUL Konya-Kulu, KKUL Konya-Kulu, KKUL Konya-Kulu, KKUL Konya-Kulu, BUY Buyukada, BUY Buyukada, BUY Buyukada, BUY Buyukada, BUY Buyukada, BUY Buyukada, BUY Buyukada, BUY Buyukada, GEMT Gemlik, GEMT Gemlik, GEMT Gemlik, GEMT Gemlik, BZK Bozkurt, BZK Bozkurt, BZK Bozkurt, BZK Bozkurt, IGD Bursa, IGD Bursa, IGD Bursa, IGD Bursa, KAVV Kandilli-Istan, KAVV Kandilli-Istan, KAVV Kandilli-Istan, KAVV Kandilli-Istan, ISK Istanbul-Kandi, ISK Istanbul-Kandi, ISK Istanbul-Kandi, ISK Istanbul-Kandi, ARMT Armutlu, ARMT Armutlu, ARMT Armutlu, ARMT Armutlu, TVSB Tavasani, TVSB Tavasani, TVSB Tavasani, TVSB Tavasani, CORM Corum, CORM Corum, CORM Corum, CORM Corum, CORM Corum, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SLVT Silivri, SLVT Silivri, SLVT Silivri, SLVT Silivri.

ISC 30 08:57:41.8.3.4.11:14S.117:80E,h0km,mb4.0/2,mb1 3.7/4,mb1mx3.4/33,mbtmp3.5/4,ML3.0/2,Error ellipse: s-maj=185.7km s-min=26.7km az=44.0, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr.

ASAR Alice Springs 19.75 131 P Pn 09 02 14.4 -0.5
CTA Charters Tower 2877 112 P P 09 03 40.9 -0.7
MKAR Makanchi Array 65.83 334 P P 09 08 29.1 +0.1

NNC 30 09:17:41.0, 2.7, 42.47N:81.30E, h0km, mb2.7, mpv2.5,
Error ellipse: s-maj=22.2km s-min=9.5km az=172.0

SOME 30 09:17:41.1, 42.37N:81.08E, h5km
ISC 30 09:17:43.0, 1.42, 32.5N:01.18105E, 0.08, h3km, 15km, n10,

Code Station Name Az Az' Phase ID Time Res
KTMS Ketmen 1.09 332 eP Pg 09 18 04.0 0.0
KTMS 14nm, 0.3s
SHLS Shalkode 1.35 301 eS S 09 18 03.8 -5.1
SHLS 28nm, 0.4s

NNC 30 09:25:53.4, 1.4, 54.41N:86.09E, h0km, mb3.7, mpv3.0,
Error ellipse: s-maj=20.5km s-min=7.7km az=156.0

ISC 30 09:25:57.1, 2.0, 54.23N:86.04E, h0km, mb1.3/3.3,
mb1mx3.0/4.2, mbtmp3.3/3.3, ML3.4/3, 4C-4D, Error ellipse:

s-maj=17.0km s-min=9.7km az=62.0, Southwestern Siberia

Code Station Name Az Az' Phase ID Time Res
H46RU ZALESOVO INFRA 0.77 249 Op ISC 09 20 46.3
ZAAO Zalesovo Array 0.77 249 P Pg 09 26 10.1 -1.8
ZAAO 1.6nm, 0.3s

ISCJB 30 09:43:39.1, 1.0, 13.3N:01.1202E, 0.1, h100km, mb3.6/6,
Error ellipse: s-maj=20.5km s-min=14.5km az=136.4

ISC 30 09:43:43.3, 1.2, 13.55N:120.83E, h124km, 9km, mb3.2/6,
mb1 3.3/6, mb1mx3.0/5.6, mbtmp3.6/6, Error ellipse:

s-maj=56.9km s-min=19.1km az=63.0

Code Station Name Az Az' Phase ID Time Res
TGAY Tagaytay City 1.07 41 P Pn 09 44 17.8 -0.1
WRA Warramunga Arr 35.83 157 P P 09 50 31.0 +0.3
SONM Songino Array 36.32 344 P P 09 50 34.0 -0.7

DJA 30 09:54:50.6, 0.3, 2.3S:3.121E, h10km, M3.5/7, MLV3.5/7,
Sulawesi

Code Station Name Az Az' Phase ID Time Res
TTSI Tana Toraja 1.46 237 P Pn 09 55 16.7 -0.3
LUWI Luwuk 2.10 56 S S 09 55 36.8 +0.3
LUWI 15nm, 0.4s

NNC 30 10:07:52.0, 0.2, 37.88N:71.69E, h0km, mb3.6, mpv3.2,
2C-6D, Error ellipse: s-maj=25.9km s-min=21.9km

az=152.0, Afghanistan-Tajikistan border region

Code Station Name Az Az' Phase ID Time Res
SFK Sufi-Kurgan 2.56 33 Op ISC 10 08 35.6 +0.6
SFK 15nm, 0.4s

AAK Ala-Archa 5.21 23 P Pn 10 09 10.4 -1.0
AAK 2.2nm, 0.3s
KK31 Karatay Array 5.29 351 P Pn 10 09 13.1 +0.7
TKM2 Tokmak 2 5.85 29 P Pn 10 09 18.1 -2.1

ISC 30 10:15:10.3, 1.5, 1.15N:120.48E, h0km, mb3.8/3,
mb1 4.0/3, mb1mx3.4/4.8, mbtmp3.8/3, MS3.4/1, M3.1 3.4/1,

ms1mx2.6/4.9, Error ellipse: s-maj=438.4km s-min=25.8km az=60.0

ISCJB 30 10:15:14.0, 1.0, 1.30N:0.09x120.35E:0.05, h32km,
mb3.8/3, MS3.4/1, Error ellipse: s-maj=12.6km

DJA 30 10:15:14.0, 0.4, 1.1N:4.4x12.0E, h10km, M4.1/7, MLv4.1/7

ISC 30 10:15:15.9, 1.2, 1.18N:0.10x120.37E:0.06, h32km, n12,

s=128/13, mb3.7/3, Minahassa Peninsula, Sulawesi

Code Station Name Az Az' Phase ID Time Res
MPSI Mapaga 0.96 209 P Pn 10 15 32.3 -0.9
MPSI 1.5nm, 0.7s
MRSI Marisa 1.72 114 P S 10 15 44.4 +0.7

KRSC 30 10:15:52.6, 2.3, 55.38N:153.62E, h0km, 94km, ML4.3,
Sea of Okhotsk

Code Station Name Az Az' Phase ID Time Res
ESO Eso 2.93 77 Op Pn 10 16 42.8 +0.2
GNL Ganaly 3.02 122 eP Pn 10 16 42.8 +0.2
APC Apacha 3.22 138 eP Pn 10 16 48.0 -2.6

ISC 30 10:16:28.9, 2.0, 20.31S:174.66W, h0km, mb3.7/3,
mb1 4.1/4, mb1mx3.6/3.7, mbtmp3.8/4, ML4.0/1, Error

ellipse: s-maj=85.8km s-min=23.1km az=141.0, Tonga Islands

Code Station Name Az Az' Phase ID Time Res
AFI Afiamalu 6.94 24 Pn Pn 10 18 12.8 +0.9
AFI 2.6nm, 0.3s, baz=187, slow=8.1, SNR=6.0
ASAR Alice Springs 47.61 256 P P 10 25 07.2 +0.2

ISC 30 10:24:29.9, 2.6, 50.13S:119.54E, h0km, mb3.6/2,
mb1 3.9/2, mb1mx3.6/2.6, mbtmp3.6/2, Error ellipse:

s-maj=313.3km s-min=56.9km az=115.0, Western Indian-Antarctic Ridge

Code Station Name Az Az' Phase ID Time Res
ASAR Alice Springs 28.70 28 Op ISC 10 30 28.2 -0.5
WRA Warramunga Arr 32.34 27 P Pn 10 31 01.2 +0.3
YKA Yellowknife Arr 148.53 46 PKPbc PKPbc 10 44 17.5 +0.2

NEIC 30 10:34:20.2, 0.0, 19.06N:64.24W, h55km, MD3.5(RSPR),
After RSPR.

RSPR 30 10:34:20.2, 19.06N:64.24W, h55km, 6km, MD3.5/8, 32C,
Virgin Islands

Code Station Name Az Az' Phase ID Time Res
TBVI Tortola 0.73 209 P Pn 10 34 30.0 -0.6
TBVI 0.2nm, 0.7s, baz=193, slow=7.6, SNR=4.4
WRA Warramunga Arr 32.34 27 P Pn 10 31 01.2 +0.3

ISC 30 10:34:20.2, 19.06N:64.24W, h55km, 6km, MD3.5/8, 32C,
Virgin Islands

Code Station Name Az Az' Phase ID Time Res
TBVI Tortola 0.73 209 P Pn 10 34 30.0 -0.6
STVI Saint Thomas 0.98 2241 eP Pn 10 34 36.7 -1.1
STVI Saint Thomas 0.98 2241 eP Pn 10 34 36.8 -0.9

NNC 30 10:07:52.0, 0.2, 37.88N:71.69E, h0km, mb3.6, mpv3.2,
2C-6D, Error ellipse: s-maj=25.9km s-min=21.9km

az=152.0, Afghanistan-Tajikistan border region

Code Station Name Az Az' Phase ID Time Res
SFK Sufi-Kurgan 2.56 33 Op ISC 10 08 35.6 +0.6
SFK 15nm, 0.4s

AOPR Las Mesas 2.84 2521 eS Sn 10 35 26.6 -0.9
LSP Las Mesas 2.84 2521 eP Pn 10 35 02.9 -0.2
CTA Charters Tower 2877 112 P P 09 03 40.9 -0.7

CSEM 30 10:40:12.6, 0.3, 39.42N:40.57E, h5km, ML2.6, Error
ellipse: s-maj=7.4km s-min=5.3km az=15.0

ISK 30 10:40:12.1, 38.34N:40.63E, h12km, ML2.5
ISCJB 30 10:40:13.0, 0.7, 38.38N:0.04x40.57E:0.04, h5km, 6km,

Error ellipse: s-maj=6.3km s-min=5.3km az=30.4

DDA 30 10:40:13.3, 38.39N:40.53E, h7km, ML2.6
ISC 30 10:40:12.8, 1.0, 38.38N:0.03x40.56E:0.03, h6km, 8km,

n24, 0.668/34, Turkey

Code Station Name Az Az' Phase ID Time Res
HANI Diyarbakir_Han 0.13 287 P Pn 10 40 14.9 -0.6
HANI Diyarbakir_Han 0.13 287 P Sg 10 40 18.6 +1.3
HANI Diyarbakir_Han 0.13 287 P Sg 10 40 14.9 -0.6

TEH 30 10:41:49.0, 34.34N:50.02E, h9km, ML3.9
THR 30 10:41:49.5, 1.1, 34.33N:49.86E, h14km, 13km, ML3.7

CSEM 30 10:41:50.6, 0.2, 34.34N:50.00E, h2km, ML3.7, Error
ellipse: s-maj=6.2km s-min=4.2km az=132.0

ISCJB 30 10:41:51.0, 0.4, 34.35N:0.03x50.01E:0.04, h10km, Error
ellipse: s-maj=5.2km s-min=4.2km az=144.5

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

ISC 30 10:41:49.7, 0.9, 34.33N:0.03x49.88E:0.03, h10km, n44,

s=1904/45, Western Iran

Code Station Name Az Az' Phase ID Time Res
ASAO Ashtian 0.25 30 Op Pn 10 41 55.3 +0.3
ASAO Ashtian 0.25 30 eP Pn 10 41 55.2 +0.3
ASAO Ashtian 0.25 30 eSg Pn 10 41 59.9 +0.7

Table with columns: FINES, FINES Array B, 90.11, 25, LR, LR, 13 28 19.1, etc.

Table with columns: BRY, Bratogost, 2.08 323, //Pn, Pp, 12 48 58.7, -1.7, etc.

Table with columns: TPRI, Tanjung Pinang, 8.02 98, P, Pn, 13 22 30.1, +1.1, etc.

Table with columns: IDC 30 12:47:07.9, 999.0, 44, 40N, 43.02E, h0km, Error ellipse: s-maj=5354.0km, s-min=220.5km, az=55.0, Western

Table with columns: IDC 30 13:06:31.8, 1.8, 0, 16S, 125.11E, h0km, mb3.3/3, mbl 3.6/3, mb1mx3.2/4.3, mbtmp3.4/3, Error ellipse: s-maj=187.9km, s-min=24.8km, az=64.0, Southern

Table with columns: SBUM, Sibau, 15.63 88, //P, Pn, 13 24 13.8, +1.0, etc.

Table with columns: ATH 30 12:48:21.6, 41, 44N, 20.38E, h12km, 4km, ML2.5/2, Error ellipse: s-maj=5.3km, s-min=1.1km, az=207.0

Table with columns: ISCJB 30 13:13:04.3, 0.5, 17.8S, 0.1, 176.81W, 0.10, h300km, mb4.2/14, Error ellipse: s-maj=19.3km, s-min=7.6km, az=143.4

Table with columns: UBPT, Khong Chiam, 15.82 33, P, P, 13 24 19.3, +0.6, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

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Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC

30d 14h

Table of station data for 30d 14h, including station names, coordinates, and various parameters like SNR, elevation, and status.

2012 JAN

Table of station data for 2012 JAN, including station names, coordinates, and various parameters like SNR, elevation, and status.

1504

Table of station data for 1504, including station names, coordinates, and various parameters like SNR, elevation, and status.

ellipse: s-maj=5.4km s-min=5.1km az=93.0
 SGSS 30 17:04:26.4, 27.64N, 34.25E, h0km
 MOS 30 17:04:26.4, 1.1, 27.72N, 34.10E, h26km, mb4.6/29,
 MS4.0/8, Error ellipse: s-maj=8.8km s-min=4.2km az=82.0
 NEIC 30 17:04:28.8, 1.5, 27.79N, 33.99E, h28km, 10km, mb4.6/26,
 Error ellipse: s-maj=5.4km s-min=4.7km az=205.0
 GCMT 30 17:04:28.8, 0.5, 27.57N, 34.01E, h22km, 1km, MW4.9/61,
 Moment Tensor Solution: s25,c28; s61,c85; Duration:
 0 Moment tensor: Scale 1016Nm; Mir-2.37e-20;
 Mw=0.70±.11; Mw=1.67±.12; Mw=0.87±.17; Mw=0.53±.06;
 Mw=0.67±.15; Best double couple: M2,38800; 1016Nm;
 NP1=145.00000; 3.630000; 1-100.00000; NP2:
 6343.00000; 833.00000; -1.75.00000; Principal axes:
 T 1.130, P1g13.00000, Azm242.00000; N 0.5470,
 P1g8.00000, Azm150.00000; P -2.6630, P1g75.00000,
 Azm27.00000; nsta1 refers to body waves, cutoff=40s,
 nsta2 refers to surface waves, cutoff=50s.

JSO 30 17:04:45.6, 0.3, 28.57N, 35.14E, h10km, 999km, MD4.3
 ISC 30 17:04:28.2, 0.8, 27.75N, 0.04, 34.04E, 0.04, h25km, 4km,
 n349, e1979/376, mb4.5/87, MS4.0/31, 13C-13D, Red Sea

Code	Station Name	A°	AZ°	Phase	ISC	Time	Res
RSHS		0.87	50	P	Pb	17 04 42.2	-2.5
RSHS				S	Sb	17 04 55.5	-0.4
BDAS	Al Bad'	1.16	54	P	Pb	17 04 46.0	-2.9
BDAS				S	Sb	17 05 03.5	-0.7
HAGS	Haql	1.51	31	P	Pb	17 04 51.6	-2.1
JLOS		1.62	52	P	Pb	17 05 03.9	+1.9
DRHU	Al-Direh	1.80	27	eP	Pb	17 05 00.5	0.0
EIL	Elat	2.08	22	Pn	Pb	17 05 07.3	+2.0
EIL		24m, 0.3s, baz=176, slow=6.7, SNR=109		Lg	Lg	17 05 42.5	
EIL	Elat	2.08	22	Pn	Pb	17 04 59.4	-2.1
EIL				Sn	Sb	17 05 34.2	+3.5
EIL				Lg	Lg	17 05 42.5	
EIL	Elat	2.08	22	Pn	Pb	17 04 59.4	-2.1
EIL				Sn	Sb	17 05 34.2	+3.5
AOBJ	Aqaba	2.17	24	eP	Pb	17 05 06.8	+0.1
MBRI	Mt Berech	2.18	20	Pn	Pb	17 05 01.4	-1.6
MBRI				Sn	Sb	17 05 37.5	+3.8
MBRI	Mt Berech	2.18	20	Pn	Pb	17 05 01.4	-1.6
MBRI				Sn	Sb	17 05 37.5	+3.8
MBRI				Pn	Pb	17 05 07.3	+2.0
TRKS	Tabuk	2.26	77	Pn	Pb	17 05 02.7	+1.3
HRFI	Mount Harif	2.44	21	Pn	Pb	17 05 04.4	-2.1
HRFI				Sn	Sb	17 05 43.3	+2.1
HRFI	Mount Harif	2.44	21	Pn	Pb	17 05 04.4	-2.1
HRFI				Sn	Sb	17 05 43.3	+2.1
HRFI				Pn	Pb	17 05 07.3	+2.0
PRNI	Hittiya	2.54	38	Pn	Pb	17 05 08.9	-1.6
PRNI				Sn	Sb	17 05 52.4	+2.9
PRNI	Paran	2.73	18	Pn	Pb	17 05 08.9	-1.6
PRNI				Sn	Sb	17 05 52.4	+2.9
PRNI				Pn	Pb	17 05 08.9	-1.6
BIDS	Bi' al Bayda'	2.74	108	P	Pb	17 05 08.6	-2.0
RMNI	Mount Ramon	2.91	12	Pn	Pb	17 05 12.0	-1.0
RMNI	Mount Ramon	2.91	12	Pn	Pb	17 05 12.0	-1.0
ZFRI	Zfri	2.97	19	Pn	Pb	17 05 12.2	-1.5
ZFRI				Sn	Sb	17 05 58.1	+1.8
ZFRI	Zfri	2.97	19	Pn	Pb	17 05 12.2	-1.5
ZFRI				Sn	Sb	17 05 58.1	+1.8
KZIT	Kziot	3.17	6	Pn	Pb	17 05 14.5	-1.5
KZIT				Sn	Sb	17 06 04.4	+2.5
KZIT	Kziot	3.17	6	Pn	Pb	17 05 14.5	-1.5
KZIT				Sn	Sb	17 06 04.4	+2.5
KARJ	Uti Lisan	3.65	22	eP	Pb	17 05 37.7	+5.7
BLGI	Yatir	3.70	19	eP	Pb	17 05 27.4	+3.7
YTIY	Yatir	3.73	14	Pn	Pb	17 05 23.4	-0.8
YTIY				Pn	Pb	17 05 23.4	-0.8
MZDA	Masada	3.73	18	Pn	Pb	17 05 22.7	-1.5
MZDA				Pn	Pb	17 05 22.7	-1.5
AMAZ	Amatzia	3.85	11	Pn	Pb	17 05 24.3	-1.6
AMAZ				Pn	Pb	17 05 24.3	-1.6
SWQJ	Swaga	3.91	26	eP	Pb	17 05 32.3	-4.1
DSI	Dead Sea	3.99	17	Pn	Pb	17 05 26.8	-0.9
DSI				Pn	Pb	17 05 26.8	-0.9
SLTI	Safit	4.56	11	Pn	Pb	17 05 34.8	-0.8
SLTI				Pn	Pb	17 05 34.8	-0.8
HMDT	Nahal Hemdat	4.67	16	Pn	Pb	17 05 36.1	-1.0
HMDT				Pn	Pb	17 05 36.1	-1.0
QRNJ	Al-Qirein	4.76	16	ePn	Pb	17 05 47.4	-3.6
MMLI	Mount Malkishu	4.83	14	Pn	Pb	17 05 38.4	-0.9
MMLI				Pn	Pb	17 05 38.4	-0.9
MMLI	Mount Malkishu	4.83	14	Pn	Pb	17 05 38.4	-0.9
ASF	Jabal al Asfar	5.2m, 0.3s, baz=174, slow=2.2, SNR=20		Lg	Lg	17 07 06.2	
ASF		44m, 0.3s, baz=338, slow=23, SNR=6.1		Lg	Lg	17 05 41.9	-0.7
BLGI	Bet Lehem HaGe	5.07	11	Pn	Pb	17 05 41.9	-0.7
BLGI				Pn	Pb	17 05 41.9	-0.7
SHMJ	Sahem	5.18	16	eP	Pb	17 05 49.2	+5.0
TCHB	Talchebab	5.18	18	eP	Pb	17 05 45.3	+1.1
TCHB				eS	Sb	17 07 05.1	+5.1
TCHB				AML	AML	17 07 22.4	
TCHB				AML	AML	17 07 36.2	
MMA0B	Mount Meron ar	5.38	12	Pn	Pb	17 05 45.9	-1.1
MMA0B				Pn	Pb	17 05 45.9	-1.1
MMAI	Mount Meron Ar	5.38	12	Pn	Pb	17 05 46.4	-0.6
MMAI				Pg	Pb	17 06 05.5	+3.9
SALA	Sala	5.47	25	Pg	Pb	17 05 47.4	-0.9
SALA				eS	Sb	17 07 09.2	+0.7
SALA				AML	AML	17 07 33.1	
SALA				AML	AML	17 07 33.9	
SHBL	Shebaa	5.78	14	eP	Pb	17 05 52.6	+0.2
BRBR	Barbar	5.88	16	eS	Sb	17 05 52.1	+1.3
BRBR				eS	Sb	17 07 23.4	+3.1
BRBR				AML	AML	17 07 43.6	
BRBR				AML	AML	17 07 47.7	
RCY	Rachaya	5.94	15	eP	Pb	17 05 54.9	+0.3
QRWL	Qaraoun	5.95	13	eP	Pb	17 05 56.9	+2.1
TOTH	TOTAH	5.96	20	iP	Pb	17 05 55.2	+0.3
TOTH				eS	Sb	17 07 22.2	-0.3
TOTH				AML	AML	17 07 46.0	
TOTH				AML	AML	17 08 02.9	
QASN	Qassioun	6.08	18	iP	Pb	17 05 57.6	+1.0
QASN				eS	Sb	17 07 26.3	+0.4
QASN				AML	AML	17 07 56.4	
QASN				AML	AML	17 07 58.0	
DORL	Deir Qamar	6.08	12	eP	Pb	17 05 59.6	+3.0
BHL	Bhannes	6.29	12	eP	Pb	17 06 02.3	+2.8
MARH	Ras Al Marh	6.60	18	eP	Pb	17 06 04.3	+0.3
MARH				iS	Sb	17 07 39.1	-2.0
MARH				AML	AML	17 08 15.4	
MARH				AML	AML	17 08 18.1	
HWQ	Hawqa	6.71	14	eP	Pb	17 06 08.3	+3.0
CSS	Mathiatis	7.22	355	ePn	Pb	17 06 10.9	-1.3
CSS				eS	Sb	17 06 10.9	-1.3
CSS	Mathiatis	7.22	355	ePn	Pb	17 06 10.8	-1.3
KARP	Karpathos	9.74	325	ePn	Pb	17 06 46.8	+0.1
KARP				eP	Pb	17 06 46.8	+0.1
KORT	Korkueli	9.74	342	iP	Pb	17 06 47.9	+1.1
GOLH	Golhisar	10.19	339	iP	Pb	17 06 47.3	0.0
TURN	Turkunc	10.19	335	iP	Pb	17 06 51.9	-1.0
BRDR	BURDUR-Merkez	10.47	342	iP	Pb	17 06 57.7	+0.9
ISP	Isparta	10.47	344	eP	Pb	17 06 55.6	-1.2
ISP				eP	Pb	17 06 55.2	-1.6
ISP	Isparta	10.47	344	eP	Pb	17 06 55.2	-1.6
ISP				eP	Pb	17 06 55.6	-1.2
TAVA	DENIZLI Tavas	10.61	337	iP	Pb	17 06 59.3	+0.6
BDRM	Kayabasi	10.83	331	iP	Pb	17 06 58.7	-2.9
KZIL	AFYON Kiziloren	10.98	344	iP	Pb	17 07 04.7	+0.9
AYDN	Tsolyuk	11.16	334	iP	Pb	17 07 04.7	-1.5
RAYN	Ar Rayn	11.16	110	ePn	Pb	17 07 08.0	+1.7
KHAL	Karahalli	11.26	341	iP	Pb	17 07 05.1	-2.1
MANT	Manisa	11.66	338	ePn	Pb	17 07 11.0	-2.1
MANT				ePn	Pb	17 07 11.0	-2.1
APE	Apeiranthos	11.75	324	eP	Pb	17 07 11.8	-2.4
APE				eP	Pb	17 07 11.8	-2.4

BR101	Keskin Array S	11.95	359	ePn	Pn	17 07 16.6	-0.5
BR101	Keskin Array S	11.95	359	ePn	Pn	17 07 16.6	-0.5
BR131	Keskin Array S	11.95	359	ePn	Pn	17 07 14.9	-2.2
BR131	Keskin Array S	11.95	359	ePn	Pn	17 07 14.9	-2.2
BRTR	Keskin Array B	11.95	359	ePn	Pn	17 07 17.9	-2.2
BRTR		comp=E, 0.2nm, 0.3s, baz=182, slow=1.6, SNR=12		LR	LR	17 07 16.6	-0.5
BRTR		comp=E, 2.13nm, 21.0s, baz=165, slow=39		LR	LR	17 12 16.6	
GEVA	Gevas	12.96	33	ePn	Pn	17 07 33.0	+2.0
GEVA		12.96	33	ePn	Pn	17 07 33.0	+2.0
ARTV	Artvin	14.89	24	ePn	Pn	17 07 59.1	+1.8
ARTV		14.89	24	ePn	Pn	17 07 59.1	+1.8
GNI	Garni	15.21	33	Pn	Pn	17 08 02.5	+1.0
GNI		comp=E, 0.1nm, 0.3s, baz=276, slow=6.5, SNR=5.4		LR	LR	17 14 17.9	
GNI		comp=E, 7.16nm, 20.2s, baz=222, slow=39		LR	LR	17 08 02.3	+0.8
GNI		15.21	33d	iP	Pn	17 08 02.3	+0.8
GNI				AML	AML	17 11 13.7	
AKH	comp-Z, 324nm, 1.7s	15.68	27	iP	Pn	17 08 13.3	+1.8
DAMY	Dhamar	16.27	142	ePn	Pn	17 08 16.2	+0.9
SOC	Sochi	16.46	15	eP	Pn	17 08 13.4	-3.9
SOC				e	e	17 11 13.7	
SOC				MLR	MLR	17 11 13.7	
SOC				MLR	MLR	17 11 13.7	
SOC				MLR	MLR	17 11 13.7	
SOC							

2012 JAN

30d 17h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like KABL, KKAR, KLMB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like LSA, SPITS, LBTB, etc.

1508

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like ELZG, CUKAN, BAYB, etc.

1509

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVAN, VANB, GEVA, ERVOC, VMUR, BASK, CLDR, TUTA, HAKT, GURO, AGRO, SIRT, CUKT.

MAN 30 17:29:32.717N*123.90E, h6km, mb3.5, ML2.2, MS1.7, ID, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTBH, PAGZ, BUKP.

MEX 30 17:44:53.60.6, 14.80N*93.24W, h15km, 23km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, COIG, TGIG.

ISCJB 30 17:53:46.3.0.7, 31.41S.0.03:69.17W.0.04, h16km, 7km, Error ellipse: s-maj=5.3km s-min=4.7km az=173.2

GUC 30 17:53:46.6.0.6, 31.41S.69.41W, h122km, 2km, ML2.6, SJA 30 17:53:46.1.0.6, 31.45S.69.15W, h155km, 2km, ML2.8, MW3.0

ISC 30 17:53:46.8.1.4, 31.41S.0.03:69.18W.0.04, h112km, 9km, n18, c057/35, 2D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJA, RTLL, RVCV, AMOG, AUSA, ASAL, AAGR, GO04, TLL, ACAN, AGUA, FCH, ROCH, APLL, LCO, VCA, MRA.

IDC 30 17:56:32.5.0.5, 44.75N.36.83E, h0km, mb3.6/10, mb1.3.6/17, mb1mx3.5/3, mb1mp3.6/17, ML3.3.5, MS3.2/2, Ms1.3.2/2, ms1mx2.3/48, Error ellipse: s-maj=9.6km s-min=6.5km az=9.0

MOS 30 17:56:35.1.0.9, 44.88N.36.89E, h28km, mb3.8/7, Error ellipse: s-maj=7.5km s-min=6.1km az=10.3

SIGU 30 17:56:35.9.0.2, 44.67N.36.84E, h17km, 6km, mb3.2/8, MW3.6/9

ISCJB 30 17:56:35.7.0.3, 44.76N.0.02:36.89E.0.03, h45km, 5km, mb3.5/10, MS3.5/1, Error ellipse: s-maj=4.1km s-min=3.0km az=1.2

CSEM 30 17:56:36.9.0.1, 44.81N.36.89E, h30km, mb3.7/6, Error ellipse: s-maj=3.7km s-min=2.8km az=9.0

DDA 30 17:56:50.2.43.42N.36.64E, h7km, ML3.8

ISC 30 17:56:36.4.0.9, 44.79N.0.04:36.88E.0.02, h30km, 7km, n128, c1996/174, mb3.6/10, 6C-11D, Crimea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANN, MRA, GOF.

2012 JAN

Main table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANN, KERU, FEO, SUDU, ALU, YAL, SIM, SEV, SAMS, BOYT, KVT, HAVZ, ERBA, ERBA, KIV, KVAR, GOF.

30d 17h

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOF, ILGA, KBZ, NEY, BTIN, SUSE, COAL, KELT, NCK, BAYB, CUSAR, BRTR, TLR, VSR, VRR, HRT, SORM, MLR, AKASG, LPSR, VOIR, BURAR, AKTO, FINES, HFS, NB2, NOA, BVAR, AAK, MKAR, TORD, KMBO.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Eielson Array, Songino Array, Makanchi Array, etc.

ISCJB 30 19:47:29.0, 2.2, 11.95S, 0.08, 167.09E, 0.06, h220km, mb4.5/74, Error ellipse: s-maj=12.8km s-min=6.0km az=149.7

IDC 30 19:47:33.8, 3.2, 12.17S, 167.22E, h252km, 27km, mb4.0/16, mb1.4/2.17, mb1mx3.9/4.1, mbtmp4.5/17, Error ellipse: s-maj=23.8km s-min=12.8km az=131.0

NEIC 30 19:47:37.9, 1.8, 12.06S, 167.05E, h288km, 17km, mb4.6/59, Error ellipse: s-maj=8.3km s-min=6.0km az=161.0

ISC 30 19:47:30.8, 0.6, 12.0S, 0.1x167.1E, 0.1, h220km, n140, c083/144, mb4.5/74, Santa Cruz Islands

Main table of station data for the left column, including codes like PMG, EIDS, CTA, etc., and station names like Port Moresby, Eidsvold, Charters Tower, etc.

Main table of station data for the middle column, including codes like MONP2, DAC, MPMC, etc., and station names like Monument Peak, Darwin (Calif), MPMC, etc.

Main table of station data for the right column, including codes like HONSHU, OFUJ, etc., and station names like Honshu, Ofunato, Miyonokagasawa, etc.

NIED 30 19:47:00.39, 1.0N, 142.40E, h1km, Mw3.8 Best double couple: M6.360000, 1014. NP1: 36.00000, 853.00000, 1-132.00000. NP2: 292.00000, 854.00000, 1-49.00000. ISCJB 30 19:47:37.9, 1.8, 12.06S, 167.05E, h288km, 17km, mb4.6/59, Error ellipse: s-maj=8.3km s-min=6.0km az=15.0

BJJ 30 19:56:05.9, 25.52S, 179.95W, h482km, mb4.6/14, mb5.1/9

NEIC 30 19:56:07.8, 1.5, 25.12S, 179.91W, h489km, 17km, mb4.8/12, Error ellipse: s-maj=15.1km s-min=11.5km az=201.0

ISCJB 30 19:56:08.0, 8.0, 25.08S, 179.83E, 0.09, h496km, mb4.5/25, Error ellipse: s-maj=11.0km s-min=8.1km az=10.5

IDC 30 19:56:12.0, 2.2, 25.01S, 179.76E, h520km, 22km, mb3.8/9, mb1.4/0.10, mb1mx3.7/25, mbtmp4.7/10, Error ellipse: s-maj=28.1km s-min=14.0km az=159.0

ISC 30 19:56:09.0, 0.5, 25.19S, 179.97W, 0.09, h496km, n178, c154/103, mb4.6/25, 1C-1D, South of Fiji Islands

Continuation of station data for the right column, including codes like DZM, URZ, etc., and station names like Mont Dzumak, Urewera, etc.

30d 20h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LZH, ZAA1, ZALV, MK32, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DDA 30 19:58:00.9, 38.31N, 26.73E, etc.

IDD 30 20:09:13.8, 0.8, 15.09S; 173.65W, h0km, mb4.0/8, mb1 4.3/9, mb1mx4.0/28, mbtmp4.1/9, ML4.9/1, MS3.6/6, MS1 3.6/6, mb1mx3.2/22, Error ellipse: s-maj=36.4km, s-min=16.9km, az=136.0

NEIC 30 20:09:15.1, 0.4, 15.06S; 173.63W, h10km, mb4.6/2, Error ellipse: s-maj=23.5km, s-min=9.1km, az=143.0

ISC 30 20:09:17.5, 0.7, 15.1S; 0.2, 173.4W, 0.2, h30km, n27, 1567/21, mb4.1/10, MS3.7/5, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, H1S12 WAKE ISLAND, H1S13 WAKE ISLAND, etc.

2012 JAN

IDD 30 20:20:45.5, 2.1, 7.03S; 127.87E, h0km, mb3.5/1, mb1 4.5/3, mb1mx3.7/27, mbtmp3.4/3, ML4.4/2, Error ellipse: s-maj=206.9km, s-min=30.2km, az=65.0

ISC 30 20:20:47.0, 2.0, 7.05S; 0.4, 128.9E, 0.8, h35km, n10, 1990/12, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ODAN Odare, etc.

IDD 30 20:31:29.6, 3.0, 10.80S; 114.66E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.2/35, mbtmp3.3/4, MS2.9/1, Ms1 3.1/1, ms1mx2.6/12, Error ellipse: s-maj=143.0km, s-min=25.5km, az=48.0

ISC/JB 30 20:31:32.8, 0.8, 10.76S; 0.05, 114.92E, 0.06, h31km, mb3.3/3, MS2.8/1, Error ellipse: s-maj=8.7km, s-min=6.8km, az=44.5

DJA 30 20:31:34.0, 0.9, 11.1S; 7.11E, h15km, 10km, M3.9/4, MLV3.9/4

ISC 30 20:31:34.9, 1.2, 10.70S; 0.09, 114.97E, 0.06, h31km, n14, 1010/19, mb3.3/3, South of Bougainville

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IGBI Denpasar, DNP Denpasar, JAGI Jajag, etc.

IDD 30 20:32:16.0, 3.5, 10.57S; 114.93E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/35, mbtmp3.6/5, Error ellipse: s-maj=175.2km, s-min=23.7km, az=48.0, South of Bali

ISC 30 20:32:34.0, 0.2, 43.44N; 17.69E, h6km, ML2.8/14, Error ellipse: s-maj=0.4km, s-min=0.9km, az=0.0

ISC 30 20:38:34.0, 1.2, 43.48N; 0.02, 177.9E, 0.02, h1km, 10km, N78.1, 1818/31, 8C-18Z, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SJES, DRME Dracevica, Mon, TEKS Tekeris, etc.

WEL 30 20:49:07.5, 39.95S; 0.8, 177E, h44km, 1km, ML3.5/20, North Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KAHZ Kahuranaki, PFX Pawanui, CKHZ Cape Kidnapper, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HRZ, TARZ, MTW, CNGZ, TRWZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like AKVSG, NVAR, H17A, PD31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WRA, ASAR, MKAR, etc.

NIED 30 20:49:00, 37.30N, 142.10E, h32km, Mw4.0 Best double couple: M1.33000x1015 NP1.3429, 0.00000, 841.00000, -1.14.00000... NP2.26, 99.00000, 853.00000, -1.71.00000

ISCJB 30 21:17:25.4, 0.6, 3.60S, 0.008, 150.9E, 0.2, h450km, mb3.6/13, Error ellipse: s-maj=20.7km s-min=11.1km az=6.4

ISCJB 30 21:57:44.1, 1.0, 4.4'S, 0.1, 35.8E, 0.1, h10km, mb4.0/5, Error ellipse: s-maj=10.1km s-min=6.9km az=161.5

ISCJB 30 20:49:13.5, 0.4, 37.33N, 0.04, 142.12E, 0.04, h24km, mb4.0/27, MS3.4/4, Error ellipse: s-maj=5.5km s-min=1.0km az=15.5

ISCJB 30 21:27:52.2, 3.67S, 150.89E, h461km, 26km, mb3.3/13, mb1.3/4/15, mb1mx3.2/4/1, mbtmp4.1/15, Error ellipse: s-maj=18.7km s-min=14.0km az=86.0

ISCJB 30 21:59:09.0, 1.4, 32.31S, 0.003, 71.67W, 0.008, h24km, 13km, Error ellipse: s-maj=11.6km s-min=5.8km az=0.0

JMA 30 20:49:14.4, 0.2, 37.34N, 142.07E, h30km, Ms3.8, IDC 30 20:49:17.4, 1.9, 37.24N, 142.05E, h44km, 19km, mb3.7/19, mb1.3.9/22, mb1mx3.8/39, mbtmp4.0/22, ML3.8/3, MS3.3/8, Ms1.3.3/8, ms1mx3.0/42, Error ellipse: s-maj=16.6km s-min=12.0km az=107.0

ISC 30 21:27:26.6, 0.7, 3.61S, 0.009, 150.9E, 0.2, h450km, n16, #087/16, mb3.6/13, New Ireland region

ISC 30 21:59:08.1, 2.0, 32.30S, 0.004, 71.56W, 0.008, h11km, 12km, n21, #091/32, 2C-40, Near coast central Chile

NEIC 30 20:49:19.1, 0.7, 37.30N, 142.05E, h59km, 6km, mb4.5/10, Error ellipse: s-maj=7.6km s-min=5.6km az=142.0

ISC 30 21:27:26.6, 0.7, 3.61S, 0.009, 150.9E, 0.2, h450km, n16, #087/16, mb3.6/13, New Ireland region

ISC 30 21:59:08.1, 2.0, 32.30S, 0.004, 71.56W, 0.008, h11km, 12km, n21, #091/32, 2C-40, Near coast central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JFK, ONAJ, JIMJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PMG, CTA, WRA, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ASAR, STKA, PETK, etc.

MJAR 4.3nm, 0.3s, baz=124, slow=12, SNR=6.2 LR

ISC 30 21:23:40.6, 2.2, 7.80S, 133.45E, h0km, mb3.4/2, mb1.8/3.5, mb1mx3.4/52, mbtmp3.6/5, ML3.6/3, Error ellipse: s-maj=90.9km s-min=26.2km az=87.0, Aru Islands region

ANTU 1.49 148 eP Sb 21 59 36.2 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MAJO, MAT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WRA, WRA, FITZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ASAL, AAGR, etc.

MJAR 4.3nm, 0.3s, baz=124, slow=12, SNR=6.2 LR

MAN 30 21:26:12, 11.98N, 125.63E, h10km, mb4.5, ML3.3, MS3.2, 1D, Samar

MAN 30 22:08:52, 13.63N, 120.33E, h29km, mb3.5, ML2.2, MS1.6, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SEY, ENH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BESP, BLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PGP, SJMP, etc.

H112 WAKE ISLAND Hy 27.88 122 T 21 24 10.0

ISC 30 21:42:35.1, 6.7, 3.98N, 33.77W, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.4/46, mbtmp3.5/3, MS3.3/9, Ms1.3.4/9, ms1mx3.1/25, Error ellipse: s-maj=196.9km s-min=46.0km az=12.0, Central Mid-Atlantic Ridge

ISCJB 30 22:26:59.5, 0.4, 4.56S, 0.005, 125.34E, 0.05, h441km, mb3.5/3, Error ellipse: s-maj=7.5km s-min=5.9km az=30.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H111, H113, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10N3, H10N2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NLAI, NLAI, etc.

H111 WAKE ISLAND Hy 27.89 122 T 21 24 09.8

ISC 30 21:54:33.7, 1.6, 0.93S, 124.79E, h0km, mb3.7/3, mb1.4/0.3, mb1mx3.5/40, mbtmp3.8/3, Error ellipse: s-maj=174.4km s-min=24.2km az=60.0, Southern Molucca Sea

ISCJB 30 22:27:00.8, 0.4, 5.5, 12.3E, h430km, 6km, M4.4/11, mb4.5/10, mb4.7/5, ML4.6/11, Mw4.0/5, Error ellipse: s-maj=94.5km s-min=15.4km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ZAAO, ZAA1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10S3, H10S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EDFI, MRSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MK31, MK32, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10S1, H10S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EDFI, MRSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MKAR, MAKZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10S1, H10S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EDFI, MRSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like KURK, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H10S1, H10S2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EDFI, MRSI, etc.

30d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TAPN Taplejung, RAMN Ramite, JIRN Jiri, GUN Gumba, etc.

SOME 30 22:45:41.1, 43:77N:83:88E, h15km
NNC 30 22:45:52.3, 2.0, 43:28N:83:18E, h20km, 8km, mb2.5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PDGK Podgornoye, DJR Jarkent, KAPS Kapalarasan, SATY Saty, etc.

NEIC 30 22:55:41.8, 0.4, 11:97N:125:99E, h10km, mb4.6/4, Error ellipse: s-maj=13.4km s-min=6.3km az=80.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MAN 30 22:55:42.1, 2.0, 11:83N:125:77E, h9km, 28km, MS3.9/20, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BESE Borongan, PLP Palo, CNP Catarman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAR Chiang Mai Arr, etc.

2012 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ZALV Zalesovo Beam, KURK Kurchatov, KURB Kurchatov Arra, etc.

IDC 30 22:57:29.9, 5.0, 13:77N:130:60E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/69, mbtmp3.9/5, Error ellipse: s-maj=326.0km s-min=22.2km az=69.0,

ISJCJB 30 22:57:42.0, 1.0, 11:95N:0:08:125:92E:0.09, h36km, mb4.0/5, Error ellipse: s-maj=13.6km s-min=10.8km az=27.8,

MAN 30 22:57:45, 11:91N:125:62E, h8km, mb4.5, ML3.4, MS3.3
ISC 30 22:57:44.6, 1.3, 11:94N:0:08:125:92E:0.1, h36km, n11, r145/12, mb4.2/5, 1C-1D, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BESE Borongan, PLP Palo, CNP Catarman, etc.

IDC 30 22:58:00.9, 0.6, 7:74N:93:80E, h0km, mb4.4/19, mb1 4.4/19, mb1mx4.1/71, mbtmp4.4/19, MS3.6/3,

ISJCJB 30 22:58:05.0, 3.0, 7:68N:0:04:93:77E:0.05, h46km, mb4.3/24, MS3.7/2, Error ellipse: s-maj=8.2km s-min=4.6km az=140.1,

NEIC 30 22:58:07.8, 0.8, 7:75N:93:77E, h49km, 8km, mb4.6/4, Error ellipse: s-maj=10.5km s-min=7.4km az=62.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PBA Port Blair, DURT Suratani, DGPR Diligpur, etc.

ISJCJB 30 23:08:18.0, 4.0, 38:86N:43:50E, h15km, ML2.7, Error ellipse: s-maj=8.5km s-min=5.6km az=101.0,

DDA 30 23:08:19.0, 38:81N:43:53E, h7km, ML2.7
ISK 30 23:08:18.0, 38:86N:43:46E, h14km, ML2.2
ISJCJB 30 23:08:19.0, 0.0, 38:83N:0:04:43:57E:0.07, h2km, 7km, Error ellipse: s-maj=10.0km s-min=5.6km az=12.4,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SKHT Srikalahasti, SKHT Srikalahasti, SKHT Srikalahasti, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KLRI Killari, ODAN Odare, RAMN Ramite, TAPN Taplejung, etc.

WRA Warramunga Arr 46.9 125 P PcP 23 06 45.1 -1.8

WRAB Tennant Creek 48.60 125 eP P 23 06 45.2 -1.7

RAYN Ar Rayn 48.69 294 eP P 23 06 48.7 +1.1

AVAR Alice Springs 50.22 130 P PcP 23 06 57.6 -1.6

ASAR Alice Springs 50.22 130 P PcP 23 06 57.6 -1.6

AKTO Aktuyubinsk 51.82 332 P PcP 23 07 11.3 +0.5

AKTO Aktuyubinsk 51.82 332 P PcP 23 07 11.3 +0.5

KLRI Killari 19.50 303 eP Iamb 23 02 32.6 0.0

ODAN Odare 19.91 343 eS S 23 05 58.8 -9.3

RAMN Ramite 20.23 342 eP Pn 23 02 40.3 -1.0

TAPN Taplejung 20.29 345 eP P 23 02 40.3 +0.5

JIRN Jiri 21.02 341 eP P 23 02 48.5 +0.7

PKI Pulchoki 21.20 339 eP P 23 02 49.8 +0.2

PKIN Pulchoki 21.21 339 eP P 23 02 50.4 +0.7

DMN Dman 21.34 339 eP P 23 02 51.3 +0.2

GUN Gumba 21.35 341 eP P 23 02 51.6 +0.3

KKN Kakani 21.45 339 eP P 23 02 52.6 +0.5

LSA Lhasa 21.96 354 eP P 23 02 57.5 -0.5

KOLN Koldanda 22.06 336 eP P 23 02 59.2 +0.4

PYUN Piuthan 22.61 335 eP P 23 03 05.7 +1.1

H0BS2 Diego Garcia H 26.05 235 T 23 30 26.6

H0BS2 Diego Garcia H 26.05 235 T 23 30 19.5

H0BS1 Diego Garcia H 26.06 235 T 23 30 30.5

SGU Soginoye 41.39 13 P PcP 23 05 49.1 -0.3

SONM Soginoye 41.39 13 P PcP 23 05 49.1 -0.3

GEYT Alibek 43.96 319 P PcP 23 06 12.1 +1.8

KURB Kurchatov Arra 44.55 346 P PcP 23 06 14.9 +0.3

KURK Kurchatov 44.61 346 P PcP 23 06 14.9 -0.2

31d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB Van, CALDR Caldiran, etc.

ISK 31 00:24:53.1, 38°59N:43°57E, h0km, ML2.4
CSEM 31 00:24:54.7, 0.2, 38°58N:43°56E, h5km, ML2.7, Error
ellip: s-maj=1.1km s-min=4.5km az=112.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, ERVC ERGIS-VAN, etc.

HEL 31 00:26:08.3, 67°86N:19°90E, h0km, ML 1.8, Explosion
CSEM 31 00:26:09.5, 0.2, 67°83N:20°28E, h2km, ML1.4, Error
ellip: s-maj=5.2km s-min=4.7km az=28.0, Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BER 31 00:26:13.1, 1.9, 67°92N:20°58E, h0km, Suspected explosion, UPP 31 00:26:09.6, 67°82N:20°20E, h0km, ML1.4, Mining explosion., etc.

CSEM 31 00:26:14.1, 67°86N:20°16E, h0km, ML1.8, Mining explosion.

2012 JAN

UPP 31 00:26:14.1, 67°86N:20°16E, h0km, ML1.8, Mining explosion., Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kuravaara, RATU Laukkulusta, etc.

IDC 31 01:01:03.6, 3.3, 12°21'N:126°53'E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.4/65, mbtm3.7/4, MS3.0/1, Ms1.3/0.1, ms1mx2.4/61, Error ellip: s-maj=296.8km s-min=25.9km az=68.0

ISCJB 31 01:01:07.0, 0.1, 1.2, 0°3'N:0°8'125°9'E, 0.1, h28km, mb3.8/4, MS2.9/1, Error ellip: s-maj=18.1km s-min=8.6km az=31.1

MAN 31 01:01:08, 11°96'N:125°74'E, h12km, mb4.5, ML3.3, MS3.2
ISC 31 01:01:09.0, 1.2, 12°04'N:0°7'125°8'E, 0.1, h28km, n10, r=147/12, mb3.9/4, 1D, Samar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BESP Borongan, PNL Palo, CATMAR Catamar, etc.

MAN 31 01:05:34, 17°41'N:120°09E, h15km, mb4.2, ML3.1, MS2.8, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABRA Dolores, BOLP Bolinao, APYP Conner, etc.

TIF 31 01:06:09.8, 41°50'N:44°36'E, h17km
DDA 31 01:06:09.4, 41°45'N:44°37'E, h5km, ML2.8

CSEM 31 01:06:10.8, 0.3, 41°50'N:44°36'E, h2km, ML2.1, Error ellip: s-maj=9.3km s-min=3.8km az=143.0

ISC 31 01:06:10.3, 0.9, 41°48'N:0°03'44'38E, 0.03, h18km, 4km, n27, c085/52, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZR Kazreti, TBGL Delisi, BTNG Botanikuri, etc.

DUS Dusheti, DUS Dusheti, AKH Akhalkalaki, AKH Akhalkalaki, GUDG Gudaury, GUDG Gudaury, EAK Akyaka, EAK Akyaka, etc.

ISC 31 01:21:38.4, 1.5, 3°41'S:137°19'E, h0km, mb3.6/4, mb1.4/0.6, mb1mx3.7/50, mbtm3.8/6, ML4.0/2, MS2.4/1, Ms1.2/4.1, ms1mx2.3/4.1, Error ellip: s-maj=63.8km s-min=24.3km az=96.0

ISCJB 31 01:21:43.5, 1.3, 3°55'0.1, 137°2E:0.3, h33km, mb3.7/3, MS2.3/1, Error ellip: s-maj=47.0km s-min=15.7km az=7.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crater, ASAR Alice Springs, etc.

ISC 31 01:25:02.0, 4.2, 5°66'S:0°5'148°37'E:0°08, h163km, mb4.4/1.5, Error ellip: s-maj=11.6km s-min=6.5km

IDC 31 01:25:01.4, 2.5, 5°68'S:148°41'E, h160km, 25km, mb4.0/8, mb1.4/3.10, mb1mx3.8/47, mbtm3.4/5, Error ellip: s-maj=23.2km s-min=18.9km az=129.0

NEIC 31 01:25:02.0, 0.6, 5°69'S:0°7'148°38'E:0°10, h163km, n35, c1568/36, mb4.5/14, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, RABL Rabaul, COEN Coen, etc.

1518
0.3nm, 0.7s, baz=244, slow=5.0, SNR=2.7
Yellowknife Ar 101.16 28 P Pdf 01 22 19.7 +0.4
0.2nm, 0.6s, baz=252, slow=4.5, SNR=4.4

CSEM 31 01:15:33.5, 0.2, 38°74'N:43°58'E, h10km, ML2.1, Error ellip: s-maj=7.5km s-min=4.2km az=100.0
ISK 31 01:15:33.0, 38°74'N:43°56'E, h9km, ML2.1
DDA 31 01:15:33.5, 38°71'N:43°67'E, h7km, ML2.6
ISCJB 31 01:15:34.1, 0.6, 38°75'N:0°03'43'58E:0.06, h12km, 5km, Error ellip: s-maj=8.4km s-min=4.3km az=12.5
ISC 31 01:15:33.8, 0.9, 38°74'N:0°02'43'58E:0.04, h17km, 9km, n25, c0568/38, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, etc.

IDC 31 01:17:19.0, 3.6, 58°59'S:26°25'W, h0km, mb3.5/1, mb1.4/0.2, mb1mx3.7/30, mbtm4.0/2, ML4.4/1, Error ellip: s-maj=170.0km s-min=48.2km az=81.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNAA Sanae, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR60.61, H10S3 ASCENSION HYDR60.61, etc.

ISC 31 01:21:38.4, 1.5, 3°41'S:137°19'E, h0km, mb3.6/4, mb1.4/0.6, mb1mx3.7/50, mbtm3.8/6, ML4.0/2, MS2.4/1, Ms1.2/4.1, ms1mx2.3/4.1, Error ellip: s-maj=63.8km s-min=24.3km az=96.0

ISCJB 31 01:21:43.5, 1.3, 3°55'0.1, 137°2E:0.3, h33km, mb3.7/3, MS2.3/1, Error ellip: s-maj=47.0km s-min=15.7km az=7.2

ISC 31 01:21:43.5, 1.3, 3°55'0.1, 137°2E:0.4, h35km, n7, c1922/6, mb3.8/3, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crater, ASAR Alice Springs, etc.

ISC 31 01:25:02.0, 4.2, 5°66'S:0°5'148°37'E:0°08, h163km, mb4.4/1.5, Error ellip: s-maj=11.6km s-min=6.5km

IDC 31 01:25:01.4, 2.5, 5°68'S:148°41'E, h160km, 25km, mb4.0/8, mb1.4/3.10, mb1mx3.8/47, mbtm3.4/5, Error ellip: s-maj=23.2km s-min=18.9km az=129.0

NEIC 31 01:25:02.0, 0.6, 5°69'S:0°7'148°38'E:0°10, h163km, n35, c1568/36, mb4.5/14, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, RABL Rabaul, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, H, m, s, Res. Includes stations like TAVA, FETY, SMG, DENT, GOLH, etc.

Table with columns: CLDR, Caldiran, 0.81 50 PG, Pg, 02 47 32.9 -0.4, etc. Includes stations like CLDR, Caldiran, GURU, Guroymak-BITLI, etc.

Table with columns: TIR, Tirane, 0.36 276 P/Pg, Pg, 03 03 05.7 -0.7, etc. Includes stations like TIR, Tirane, comp=N,9438km,0.1s, etc.

ISCJ 31 02:45:00.0, 38.94N, 43.74E, h5km, ML2.4
ISCJ 31 02:45:01.5, 0.8, 38.96N, 0.04, 43.77E, 0.07, h5km, 6km,
Error ellipse: s-maj=9.8km s-min=4.9km az=29.8

CSEM 31 02:45:01.3, 0.2, 38.97N, 43.78E, h4km, 1km, ML2.5, Error
ellipse: s-maj=7.2km s-min=3.5km az=109.0
DDA 31 02:45:01.5, 38.99N, 43.76E, h7km, ML2.5

ISC 31 02:45:01.6, 0.9, 38.97N, 0.03, 43.76E, 0.04, h9km, 7km,
n25, c052/33, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, H, m, s, Res. Includes stations like VMUR, Van-Muradiye, CLDR, Caldiran, etc.

Table with columns: KARS, Kars, 2.00 359 PN, Pn, 02 47 52.7 +0.6, etc. Includes stations like KARS, Kars, SENK, Senkaya-Erzuru, etc.

Table with columns: KIPRO, Kipourio, 1.56 150 PN, Pn, 03 03 27.2 0.0, etc. Includes stations like KIPRO, Kipourio, KZM, Kozani, etc.

ISN 31 02:47:13.1, 1.0, 38.56N, 40.75E, h17km, 982km, ML3.8
IDC 31 02:47:15.6, 1.4, 38.32N, 43.24E, h0km, mb3, 7/6

ISN 31 02:47:17.1, 1.0, 38.63N, 43.16E, h17km, M13.8
CSEM 31 02:47:17.7, 0.2, 38.62N, 43.14E, h10km, ML4.0, Error
ellipse: s-maj=4.5km s-min=4.1km az=125.0

ISC 31 02:47:17.7, 1.0, 38.63N, 0.02, 43.12E, 0.02, h6km, 7km,
n99, c1935/132, mb3.55, MSS, 1/3, 5C-7D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, H, m, s, Res. Includes stations like VANB, Van, TVAN, Van, etc.

Table with columns: TIR 31 03:02:51.6, 5.4, 41.30N, 20.33E, h5km, 47km, ML2.9
ISCJ 31 03:02:58.7, 0.4, 41.36N, 0.02, 20.39E, 0.02, h1km, 3km,
Error ellipse: s-maj=3.4km s-min=2.1km az=43.7

Table with columns: BRY, Bratogost, 2.08 320 P/Pn, Pn, 03 03 36.0 -1.1, etc. Includes stations like BRY, Bratogost, PLE, Pljevlja, etc.

31d 5h

Table with columns for station name, coordinates, and various parameters. Includes stations like FNA, ULC, Nestorio, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like BRY, PLE, UPM, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KHC, DAVOX, DAVA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, CTA, STKA, MKAR, etc.

KRSC 31 06:27:36.9, 1.7, 49.85N, 157.24E, h48km, 26km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR, PAU, KDR, ASAK, etc.

31 06:30:35.9, 1.9, 1.83N, 127.07E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/5.2, mbtmp3.5/4, Error ellipse: s-maj=186.0km s-min=22.2km az=67.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, etc.

ISCJ 31 06:36:39.0, 38.68N, 43.16E, h5km, ML2.3

ISCJ 31 06:36:40.3, 0.3, 38.70N, 0.03, 43.14E, 0.05, h2km, 10km, Error ellipse: s-maj=6.3km s-min=4.8km az=176.6

CSEM 31 06:36:40.1, 0.2, 38.69N, 43.15E, h8km, ML2.9, Error ellipse: s-maj=5.8km s-min=4.1km az=87.0

DDA 31 06:36:40.1, 38.66N, 43.16E, h7km, ML2.7

ISC 31 06:36:40.4, 1.1, 38.68N, 0.02, 43.16E, 0.03, h10km, 4km, n25, c960/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VAN, GEVA, VMUR, etc.

ISCJ/B 31 06:39:04.2, 1.2, 16.06N, 0.08, 145.7E, 0.3, h200km, mb3.0/7, Error ellipse: s-maj=42.2km s-min=10.9km az=4.4

ISC 31 06:39:07.1, 2.4, 15.92N, 145.69E, h215km, 21km, mb2.9/7, mb1 3.1/8, mb1mx3.0/5.9, mbtmp3.5/8, Error ellipse: s-maj=46.2km s-min=16.7km az=63.0

ISC 31 06:39:05.7, 1.4, 16.0N, 0.1, 145.8E, 0.3, h200km, n8, c80R/G, mb3.17, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO, WRA, ASAR, etc.

ISC 31 07:01:19.2, 2.7, 54.06N, 87.22E, h0km, mb1 3.2/3, mb1mx2.9/7.5, mbtmp3.2/3, ML3.2/3, 2C, Error ellipse: s-maj=26.6km s-min=14.5km az=66.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H46RU, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV, KURBB, MK31, etc.

ISC 31 07:10:48.3, 2.6, 53.95N, 86.59E, h0km, mb1 2.5/2, mb1mx2.4/7.4, mbtmp2.5/2, ML2.5/2, Error ellipse: s-maj=21.1km s-min=12.1km az=64.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H46RU, ZALV, KURBB, etc.

ISCJ/B 31 07:26:08.9, 0.5, 22.01S, 0.03, 179.51W, 0.03, h54km, 7km, mb4.9/23.1, Error ellipse: s-maj=5.5km s-min=3.4km az=152.0

MOS 31 07:26:08.4, 1.2, 21.89S, 179.52W, h587km, mb4.8/29, Error ellipse: s-maj=9.2km s-min=8.6km az=141.6

BUI 31 07:26:11.0, 2.1, 20.60S, 179.26W, h609km, mb4.9/43, mb5.0/20

ISC 31 07:26:11.2, 0.4, 21.95S, 179.45W, h604km, 4km, mb4.4/39, mb1 4.4/41, mb1mx4.3/4.6, mbtmp5.3/4.1, Error ellipse: s-maj=8.2km s-min=7.1km az=169.0

GCMT 31 07:26:12.4, 0.3, 21.84S, 179.73W, h607km, 2km, MW5.3/68, Moment Tensor Solution. s68, c94; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mrr=0.49e-03; Mss=0.03e-05; Mss=0.57e-05; Mss=0.38e-05; Mss=0.12e-05; Mss=0.92e-04; Best double couple: M1: 1.8800e+017 NP1=17.00000; 8.78.00000; -1.76.00000; NP2: 0.147.00000; 8.19.00000; -1.76.00000; Principal axes: T: 1.1670, Pg131.0000; Azm95.0000; N: 0.0430, Pg14.0000; Azm194.0000; P: -1.2100, P1655.0000; Azm305.0000; nst1 refers to body waves, cutoff=40s.

NEIC 31 07:26:12.4, 0.3, 22.06S, 179.54W, h617km, 4km, mb4.8/174 Error ellipse: s-maj=4.6km s-min=3.1km az=152.0

ISC 31 07:26:11.0, 0.3, 22.07S, 0.04, 179.44W, 0.04, h640km, 3km, h05km, 2P, n676, c19, 27/755, mb4.8/232, 42C-40D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, AFI, DZM, etc.

ISC 31 07:29:19.2, 1.0, 38.68N, 0.02, 43.16E, 0.03, h10km, 4km, n25, c960/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, AFI, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLZ, WHZ, EIDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBI, MGCD, PAE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTAO, CTAO, CMA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, STKA, STKA, etc.

31d 7h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like NWAQ Narrogin (SRO), NWAQ Narrogin (SRO), NWAQ Rocky Gully, etc.

2012 JAN

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like CMB Columbia Colle, PFO Pinon Flats O, PFO Pinon Flats O, etc.

1528

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TPNV Topopah Spring, PDMCI Parker Dam, LAK, J04D Parker Dam, LAK, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like EI Paso, North Lily Hill, Nan, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like MOOV, Boulder Array, PD31, etc.

Table with columns: Station, Frequency, Power, Mode, and other details. Includes stations like BOSA, SFJD, ARU, etc.

31d 8h

Table of station data for 31d 8h, including station names, coordinates, and various parameters like elevation and frequency.

2012 JAN

Main table of station data for 2012 JAN, listing stations like DBIC, KEST, TORO, and KOWA with their respective coordinates and parameters.

1530

Table of station data for 1530, including stations like MEIG, PLIG, TLIG, and various Antarctic stations with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUZAR, SCER, RSDY, SVSK, SUSE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, PPT, H11S2, H11S1, H11N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRAC, SWET, HHAR, WVT, CPCT, etc.

TRN 31 08:19:36.8, 15:01N-61:12W, h162km, MD3.6, 3C, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BAMF, CXM, PCM, PML, FDF, etc.

IDC 31 08:28:44.8, 3.4, 1:84S-99:37E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.3/68, mbtmp3.6/5, Error ellipse: s-maj=147.3km s-min=21.7km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S2, H0S3, WRA, ASAR, ILAR, etc.

IDC 31 08:28:49.4, 3.2, 1:85S-99:42E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.3/68, mbtmp3.6/5, Error ellipse: s-maj=147.3km s-min=21.7km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0S2, H0S3, WRA, ASAR, ILAR, etc.

NEIC 31 08:23:00.0, 0.0, 10:28N-73:54W, h10km, ML3.0, (RSNC), After RSNC.

NEIC Felt at Valledupar, RSNC 31 08:23:00.5, 0.7, 10:29N-73:54W, h10km, 6km, ML3.0, Mw4.1, 1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CODC, OCAC, URIC, etc.

IDC 31 08:35:04.8, 3.9, 53:69N-88:17E, h0km, mb1 2.9/3, mb1mx2.8/73, mbtmp2.9/3, ML2.6/3, Error ellipse: s-maj=42.5km s-min=19.7km az=83.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, ZALV, etc.

IDC 31 08:48:03.4, 3.8, 14:98N-92:84W, h39km, 32km, mb3.5/9, mb1 3.8/11, mb1mx3.6/50, mbtmp3.8/11, ML4.0/2, MS2.9/5, Ms1 2.9/5, ms1mx2.7/34, Error ellipse: s-maj=56.8km s-min=17.1km az=31.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, ZALV, etc.

IDC 31 08:24:54.0, 2.9, 54:41N-86:84E, h0km, mb1 2.9/2, mb1mx2.7/76, mbtmp2.9/2, ML2.8/2, Error ellipse: s-maj=24.7km s-min=15.5km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, etc.

MEX 31 08:48:05.0, 0.6, 14:77N-93:26W, h40km, 27km, MD4.2

NEIC 31 08:48:06.9, 0.0, 14:84N-93:19W, h20km, mb4.4/4, MD4.2(MEX), After MEX.

IDC 31 08:48:04.9, 1.1, 14:78N-93:30W, 0.04, h46km, 111km, n77, i167/83, mb4.3/41, MS3.0/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG, CCIG, CGIG, etc.

SJA 31 08:52:33.0, 0.8, 31:25S-68:93W, h99km, 3km, ML3.1, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTLL, AMOG, RTLS, etc.

GCMT 31 09:02:32.0, 0.4, 35:65S-103:69W, h30km, 1km, MW4.9/72, Moment Tensor Solution, s21, c22, s72, c92, Duration: 0. Moment tensor: Sca1e 1016Nm, Mg0.07z: 18; Mw-0.80z: 16; Mw-0.73z: 15; Mw0.62z: 21; Mw-2.60z: 11; Mw-0.41z: 21; Best double couple: Ms2.81000z1016; NP1=0.88, 0.00000, 0.84, 0.00000, 1.16, 0.00000; NP2=0.189, 0.00000, 0.876, 0.00000, 1.6, 0.00000; Principal axes: T 2.8550, P14.00000, Azm55.00000; N -0.0880, P1g75.00000, Azm254.00000; P -2.7660, P1g5.00000; Azm144.00000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

IDC 31 09:02:40.5, 2.3, 34:31S-106:76W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.8/29, mbtmp3.7/4, MS3.8/14, Ms3.8/14, ms1mx3.8/29, Error ellipse: s-maj=114.1km s-min=65.2km az=81.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RKT, PMSA, PPT2, etc.

IDC 31 08:25:00.7, 1.3, 15:61S-171:78W, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.6/47, mbtmp3.5/5, MS3.1/1, Ms1 3.1/1, ms1mx2.6/25, Error ellipse: s-maj=45.2km s-min=21.7km az=125.0

ISCJB 31 08:25:02.7, 1.1, 15:65S-0:10x171:9W, 0.2, h23km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station MSTX.

31d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LPIG, TXAR, TKL, NVAR, DZM, PDAR, STKA, YKA, PMG, ASAR, BRTR, SONM.

ISCJB 31 09:06:15.2:1.1, 37.18N:0.05:39.00E:0.06, h5km, 8km, Error ellipse: s-maj=9.1km s-min=6.8km az=33.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like URFA, SURC, DYBB, MAZI, MALT, ELZG, AKCD, GAZ, PTK, KEMA.

MOS 31 09:16:56.8:1.7, 54.96N:110.70E, h8km, mb4.1/1, Error ellipse: s-maj=27.8km s-min=11.2km az=61.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like YLYR, KMO, NIZ, YOA, SYVR, UKT, SVKR, MXMB, OGRR.

2012 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OGRR, KELR, ZRHB, NLYR, TRTB, TRG, BOD, UJDE, HRMR, BGT, LSTR, CRS, TLY, KPC, TUP, KHNR, ARS, MOY, ORL.

ISCJB 31 09:31:10.7:0.5, 6:53S:0.06:127.5E:0.1, h400km, mb3.6/8, Error ellipse: s-maj=13.9km s-min=8.1km

1532

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BATI, BATA, FITZ, WRA, ASAR, MJAR, USRK, SONM, PETK, MKAR, ZALV, KURBB, SEY.

IDC 31 09:35:14.6:2.6, 53.53N:87.80E, h0km, mb1.3/2/3, mb1mx2.9/86, mbtmp3.2/3, ML3.2/3, 2C, Error ellipse: s-maj=25.2km s-min=13.5km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like I46RU, ZALV, KURBB, MK31, MKAR, BVAR.

ISCJB 31 09:39:55.9:0.4, 7.51S:0.03:128.90E:0.05, h131km, mb4.2/1/1, Error ellipse: s-maj=6.5km s-min=4.9km az=168.5

NEIC 31 09:38.6:0.7, 7.55S:128.95E, h143km, 8km, mb4.5/6, Error ellipse: s-maj=9.3km s-min=7.3km az=77.0

IDC 31 09:39:59.9:3.9, 7.50S:128.72E, h149km:39km, mb3.8/10, mb1.3/9/12, mb1mx3.6/57, mbtmp4.3/12, Error ellipse: s-maj=32.3km s-min=17.9km az=53.0

ISC 31 09:39:57.1:0.5, 7.61S:0.05:128.96E:0.05, h131km, n36, c253/44, mb4.1/1/1, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SAUI, SOEI, MTN, FAKI, BATI, BATA, FITZ, WRAB, WRA, WR1, WB2, COEN, MBWA, AS31, ASAR, SBUM, STKA, CMAR, SONA, SONM, PETK, PEA1, MK31, MK32, MKAR, MKAR, AAK, ZALV, ZAA1, KURBB, KURK, SEY, TIXI, DOT, TORD, TOA1.

CSEM 31 09:48:44.7:0.9, 36.99N:28.06E, h10km, ML2.6, Error ellipse: s-maj=32.2km s-min=17.3km az=23.0

31d 12h

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

ISCJB 31 10:50:18.9.3.4, 49.8S:0.4:117.3E:0.4, h12km, mb4.1/4, MS3.4/3, Error ellipse: s-maj=55.8km s-min=34.4km az=24.6

IDC 31 10:50:19.8:1.7, 49.69S:117.28E, h0km, mb4.2/4, mb1.4/5, mb1mx3.9/42, mbtmp4.3/5, ML2.9/1, MS3.4/4, Ms1.3/4, ms1mx3.0/39, Error ellipse: s-maj=48.7km s-min=39.9km az=123.0

ISC 31 10:50:21.5:1.7, 49.8S:0.3:117.4E:0.3, h12km, n15, c053/8, mb4.2/4, MS3.3/3, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

ISCJB 31 11:04:47.3:0.7, 4.91S:0.06:144.48E:0.10, h82km, mb3.7/8, Error ellipse: s-maj=14.0km s-min=8.6km az=168.2

IDC 31 11:04:49.6:3.1, 4.83S:144.50E, h87km, 29km, mb3.5/8, mb1.3/7, mb1mx3.5/50, mbtmp3.9/10, Error ellipse: s-maj=31.1km s-min=12.6km az=102.0

ISC 31 11:04:49.0:0.9, 4.93S:108.144.4E:0.1, h82km, n11, c238/14, mb3.8/8, Near north coast of New Guinea

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

IDC 31 11:07:27.0:0.8, 6.80N:73.01W, h153km, 17km, mb3.1/1, mb1.3/4, mb1mx3.0/47, mbtmp3.7/3, MS2.8/1, Ms1.2/8, ms1mx2.2/13, Error ellipse: s-maj=60.9km s-min=7.9km az=132.0

ISCJB 31 11:07:29.0:0.9, 6.82N:0.04:73.14W:0.04, h152km, 6km, mb3.4/1, Error ellipse: s-maj=7.3km s-min=5.5km az=23.8

RSNC 31 11:07:29.0:0.9, 6.78N:73.16W, h145km, 4km, ML3.2

ISC 31 11:07:27.2:1.0, 6.82N:0.04:73.12W:0.05, h154km, 7km, n20, c0582/35, 1C, Northern Colombia

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

2012 JAN

Table with columns: SDV, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

ISCJB 31 11:09:58.8:0.8, 30.51S:0.09:179.2W:0.1, h200km, mb3.7/4, Error ellipse: s-maj=20.0km s-min=8.8km az=30.9

IDC 31 11:09:59.2:0.9, 30.55S:178.94W, h208km, 10km, mb3.4/4, mb1.3/5, mb1mx3.3/45, mbtmp4.0/5, Error ellipse: s-maj=25.8km s-min=16.0km az=119.0

ISC 31 11:09:59.1:0.9, 30.65S:0.1:179.1W:0.1, h200km, n8, c1818/12, mb3.8/4, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

Bulji 31 11:13:51.1, 37.38N:79.16E, h8km, mb3.5/1, ML3.5/6, Southern Xinjiang

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

IDC 31 11:17:11.9:1.0, 50.62N:97.85E, h0km, mb3.8/6, mb1.3/6, mb1mx3.2/79, mbtmp3.6/9, ML2.8/3, MS2.7/1, Ms1.2/7, ms1mx2.3/71, Error ellipse: s-maj=30.4km s-min=9.3km az=2.0

MOS 31 11:17:12.7:2.4, 51.10N:98.21E, h8km, mb3.9/5, Error ellipse: s-maj=13.7km s-min=9.9km az=21.3

ASRS 31 11:17:15.3:1.4, 51.23N:98.10E, h15km, Ms3.0/2

ISC 31 11:17:13.1:0.7, 51.05N:0.07:97.98E:0.04, h12km, n40, c252/39, mb3.8/6, 3C-3D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

ISCJB 31 11:07:27.0:0.8, 6.80N:73.01W, h153km, 17km, mb3.1/1, mb1.3/4, mb1mx3.0/47, mbtmp3.7/3, MS2.8/1, Ms1.2/8, ms1mx2.2/13, Error ellipse: s-maj=60.9km s-min=7.9km az=132.0

ISCJB 31 11:07:29.0:0.9, 6.82N:0.04:73.14W:0.04, h152km, 6km, mb3.4/1, Error ellipse: s-maj=7.3km s-min=5.5km az=23.8

RSNC 31 11:07:29.0:0.9, 6.78N:73.16W, h145km, 4km, ML3.2

ISC 31 11:07:27.2:1.0, 6.82N:0.04:73.12W:0.05, h154km, 7km, n20, c0582/35, 1C, Northern Colombia

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

1534

Table with columns: AAK, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

ISCJB 31 11:28:58.9:1.3, 38.85N:0.06:63.6E:0.1, h27km, 10km, Error ellipse: s-maj=18.9km s-min=6.1km az=27.4

CSEM 31 11:28:58.6:0.3, 38.88N:43.53E, h18km, 3km, MD2.5, Error ellipse: s-maj=11.7km s-min=5.0km az=113.0

ISC 31 11:28:56.5:1.3, 38.82N:0.05:43.62E:0.06, h17km, 8km, n17, c193/26, Turkey

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

IDC 31 12:00:51.0:9.4, 15.05N:92.64W, h0km, mb3.2/4, mb1.3/7, mb1mx3.5/49, mbtmp3.4/6, ML3.8/2, Error ellipse: s-maj=194.3km s-min=70.6km az=15.0

MEX 31 12:00:56.9:0.3, 14.83N:93.20W, h4km, 19km, MD3.9

ISC 31 12:00:54.3:2.1, 14.8N:0.1:93.28W:0.09, h10km, n9, c1930/12, mb3.3/4, Near coast of Chiapas

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

MAN 31 12:03:28.1:0.02N:126.15E, h23km, mb5.0, ML4.0, MS4.1

ISCJB 31 12:03:29.7:0.6, 9.98N:0.03:126.10E:0.05, h75km, 5km, mb4.1/8, Error ellipse: s-maj=8.8km s-min=4.5km az=166.0

IDC 31 12:03:29.5:2.0, 9.95N:125.93E, h56km, 17km, mb3.8/14, mb1.3/4, mb1mx3.7/63, mbtmp4.1/15, ML4.4/1, MS3.4/16, Ms1.3/4, ms1mx3.2/57, Error ellipse: s-maj=25.5km s-min=10.6km az=76.0

NEIC 31 12:03:34.1:4.9, 8.7N:125.80E, h106km, 14km, mb4.8/3, Error ellipse: s-maj=16.4km s-min=8.4km az=72.0

ISC 31 12:03:30.6:0.9, 9.99N:0.03:126.05E:0.06, h59km, 8km, n67, c180/66, mb4.2/18, MS3.3/13, 2C-3D, Mindanao

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

31d 13h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SULT, DOGA, KONYA, KESHET, SHIM, SLTI, KOZT, MMLT, GULA, TCHB, etc.

IDC 31 12:51:40.9:3.8,49.53Sx117.26E,h0km,mb3.7/2, mb1 4.1/3,mb1mx3.8/4,mbtmp4.0/3,ML2.0/1, Error ellipse: s-maj=130.2km s-min=63.1km az=100.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, NWA0, ASAR, WRA, YKA, etc.

MEX 31 13:05:59.3:0.6,14.79N,93.19W,h50km,18km,MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PCIG, CCIG, CCIG, TGIG, TGIG, etc.

ISCJB 31 13:07:19.5:0.6,16.0S:0.1:168.3E:0.1,h250km, mb3.8/13, Error ellipse: s-maj=17.2km s-min=12.8km az=150.5

IDC 31 13:07:23.2:2.1,16.14S:168.37E,h275km,22km, mb3.6/11,mb1 3.7/13,mb1mx3.5/43,mbtmp4.2/13, Error ellipse: s-maj=20.2km s-min=12.7km az=161.0

ISC 31 13:07:20.8:0.7,16.0S:0.1:168.3E:0.1,h250km,n15, c1943/14,mb4.0/12,Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, AFI, CTA, URZ, STKA, WRA, ASAR, NWA0, PETK, CMAR, SONM, NVAR, ILAR, TXAR, MKAR, etc.

IDC 31 13:07:59.0:1.3,33.74S:71.81W,h0km,mb3.8/2, mb1 4.1/4,mb1mx3.7/3,mbtmp3.8/4,ML4.0/2,MS3.3/2, MS1 3.3/2,ms1mx2.9/27, Error ellipse: s-maj=54.4km s-min=31.5km az=75.0

SJA 31 13:07:59.0:4.3,33.86S:72.38W,h16km,4km,ML3.8, MW4

GUC 31 13:08:01.3:0.6,33.85S:72.01W,h20km,3km,ML3.7

NEIC 31 13:08:04.2:1.2,33.75S:71.97W,h37km,10km,mb4.6/1,

2012 JAN

Error ellipse: s-maj=20.8km s-min=9.7km az=82.0, ISC 31 13:07:59.8:1.6,33.82S:0.04:72.14W,0.06,h12km,n10km, n32,c1903/43,mb4.4/3,4C,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHPI, LCOI, RCDM, GO05, GO05, GO05, GO05, RO01, RO01, ANTU, ANTU, STL, PEL, NICH, LMEI, LMEI, LNCH, COCH, COCH, AUSP, ARCO, AAGA, ASAL, RTLS, PLCA, PLCA, TRQA, CPUP, LPAZ, SPB, TXAR, TORD, BRVK, ZALV, MKAR, etc.

IDC 31 13:10:19.2:3.9,48.99S:116.52E,h0km,mb3.5/2, mb1 3.8/2,mb1mx3.4/44,mbtmp3.5/2, Error ellipse: s-maj=320.7km s-min=74.4km az=119.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, ASAR, WRA, YKA, etc.

ISCJB 31 13:12:35.0:1.3,49.6S:0.1:117.3E:0.4,h12km,mb3.9/5, MS3.4/3, Error ellipse: s-maj=33.3km s-min=16.7km az=172.4

IDC 31 13:12:35.3:2.9,49.53S:117.32E,h0km,mb4.0/4, mb1 4.2/4,mb1mx3.8/43,mbtmp4.0/4,MS3.4/3,MS1 3.4/3,ms1mx3.0/36, Error ellipse: s-maj=74.8km s-min=49.9km az=163.0

NEIC 31 13:12:36.9:1.1,49.63S:117.45E,h10km,mb4.3/1, Error ellipse: s-maj=30.6km s-min=14.5km az=80.0

ISC 31 13:12:37.3:1.4,49.7S:0.1:117.4E:0.3,h12km,n15, c1908/10,mb3.9/5,MS3.3/3, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, NWA0, STKA, MCQ, ASAR, FITZ, WRA, WRAB, SBA, PMG, CMAR, YKA, etc.

IDC 31 13:15:29.9:4.9,49.31S:116.29E,h0km,mb3.7/2, mb1 4.0/2,mb1mx3.5/43,mbtmp3.7/2, Error ellipse: s-maj=67.9km s-min=71.7km az=119.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, ASAR, WRA, etc.

1536

YKA Yellowknife Ar 149.46 5 PKPbc PKPbc 13 35 19.1 -0.5 0.2nm,0.7s,baz=279,slow=2.4,SNR=5.4

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC 31 13:28:38.6, I31KZ, I46RU, I34MN, etc.

ISK 31 13:28:48.1,37.40N:27.00E,h27km,ML3.5, ISCJB 31 13:28:51.2:0.4,37.42N:0.02:27.54E:0.03,h0km, Error ellipse: s-maj=38km s-min=3.4km az=11.5

CSEM 31 13:28:51.5:0.2,37.42N:27.50E,h1km,ML3.0, Error ellipse: s-maj=4.5km s-min=3.3km az=115.0, Suspected Mining explosion.

DDA 31 13:28:51.7,37.47N:27.54E,h7km,ML3.0, Suspected Mining explosion.

ISC 31 13:28:48.0:8.3,37.40N:0.02:27.31E:0.03,h0km,n33, c1952/46,Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKAV, YKAV, YKAV, GCAM, GCAM, GCAM, BODT, BODT, BODT, KAYB, BDRM, KUSD, KUSD, AYDN, AYDN, DGB, DGB, MRSB, MRSB, URLA, URLA, TURN, TURN, TURN, DENIZ, DENIZ, DENIZ, DENT, DENT, KULA, KULA, KULA, FETY, FETY, KARP, KARP, SIGR, SIGR, SIGR, SIGR, etc.

IDC 31 13:31:36.8:1.1,9.29S:116.60E,h0km,mb3.6/6, mb1 3.9/8,mb1mx3.6/59,mbtmp3.8/8,ML4.1/2,MS3.1/1, MS1 3.1/1,ms1mx2.4/51, Error ellipse: s-maj=61.5km s-min=16.6km az=50.0

ISCJB 31 13:31:40.0:9.3S:0.1:116.8E:0.1,h33km,mb3.7/5, MS3.1/1, Error ellipse: s-maj=22.8km s-min=10.2km az=30.0

ISC 31 13:31:41.8:0.9,9.3S:0.2:116.7E:0.1,h33km,n15, c1900/12,mb3.7/5,Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BATI, FITZ, FITZ, WRA, STKA, H08S2, H08S3, H08S1, KSRS, SONM, MKAR, ZALV, TORD, NVAR, etc.

IDC 31 13:31:51.6:1.6,4.97S:133.50E,h0km,mb3.5/3, mb1 4.0/7,mb1mx3.6/54,mbtmp3.7/7,ML3.9/4,MS3.3/1, MS1 3.3/1,ms1mx2.5/36, Error ellipse: s-maj=67.0km s-min=24.5km az=82.0

ISCJB 31 13:39:53.8:0.9,5.03S:0.05:133.1E:0.2,h25km,mb3.4/3, MS3.3/1, Error ellipse: s-maj=22.2km s-min=7.4km az=177.9

ISC 31 13:39:55.2:1.2,5.02S:0.08:133.3E:0.2,h25km,n8, c1959/9,mb3.5/4, Aru Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SIJI, SIJI, SIJI, WRA, FITZ, FITZ, ASAR, BRDH, MKAR, KURBB, ILAR, etc.

DDA 31 13:41:02.1, 37.76N, 37.97E, h6km, ML2.6
ISCJB 31 13:41:03.1, 0.5, 37.80N, 0.03, 38.04E, 0.05, h9km, Error
ellipse: s-maj=5.7km s-min=4.3km az=51.0

CSEM 31 13:41:03.4, 0.2, 37.80N, 38.09E, h5km, 4km, ML2.2, Error
ellipse: s-maj=6.0km s-min=4.4km az=83.0
ISK 31 13:41:03.1, 37.81N, 38.09E, h8km, ML2.2
ISC 31 13:41:03.0, 0.8, 37.79N, 0.03, 38.06E, 0.03, h9km, n21,
0570/28, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKCD Akcadag, MALT Malatya, URFA Urfa, etc.

IDC 31 13:46:14.5, 3.5, 34.65N, 141.05E, h0km, mb3.3/2,
mb1 3.7/3, mb1mx3.2/67, mbtm3.4/3, ML2.7/1, Error
ellipse: s-maj=81.5km s-min=28.4km az=74.0

JMA 31 13:46:20.0, 2.0, 34.50N, 140.66E, h54km, 3km, M2.5
ISC 31 13:46:20.7, 1.3, 34.51N, 140.50E, 0.05, h26km, 13km,
n14, 0582/19, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BS03 Boso, BS01 Boso, BS04 Boso, etc.

ISCJB 31 13:49:43.9, 1.5, 36.54N, 0.05, 141.35E, 0.07, h9km, 7km,
mb3.3/4, Error ellipse: s-maj=2.8km s-min=7.5km az=22.8
IDC 31 13:49:43.9, 2.0, 36.50N, 141.33E, h0km, mb3.4/4,
mb1 3.5/5, mb1mx3.2/67, mbtm3.3/5, ML2.8/1, Error
ellipse: s-maj=43.8km s-min=28.7km az=56.0

JMA 31 13:49:47.2, 0.1, 36.58N, 141.18E, h30km, 1km, M3.4
JMA Felt J1
ISC 31 13:49:44.1, 2.2, 36.59N, 0.06, 141.32E, 0.09, h1km, 1km,
n19, 0550/20, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHO Hitachi, ONAJ Iwakimizuishi, JFK Kawachi, etc.

IDC 31 13:58:49.4, 9.99, 45.33N, 43.65E, h0km, Error ellipse:
s-maj=6683.0km s-min=214.1km az=58.0,
Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, etc.

IDC 31 14:00:33.8, 7.9, 7.21S, 129.55E, h12km, 83km, mb3.1/2,
mb1 3.5/6, mb1mx3.2/57, mbtm3.8/6, ML3.9/4, Error
ellipse: s-maj=69.1km s-min=26.8km az=30.0, Banda
Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, I31KZ AKTYUBINSK INF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 31 14:01:50.5, 3.5, 49.77S, 118.13E, h0km, mb3.9/2,
mb1 4.2/3, mb1mx3.7/44, mbtm4.0/3, ML2.2/1, MS4.1/1,
MS1 4.1/1, ms1mx2.8/34, Error ellipse: s-maj=128.8km
s-min=59.7km az=98.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISCJB 31 14:03:24.6, 0.9, 49.77S, 0.1, 118.9E, 0.5, h10km, mb3.8/4,
MS3.5/3, Error ellipse: s-maj=45.0km s-min=14.1km
az=12.3

IDC 31 14:03:24.0, 3.1, 49.58S, 117.85E, h0km, mb3.9/3,
mb1 4.2/4, mb1mx3.8/43, mbtm4.1/4, ML2.6/1, MS3.5/4,
MS1 3.5/4, ms1mx3.0/35, Error ellipse: s-maj=120.0km
s-min=44.8km az=92.0

NEIC 31 14:03:26.6, 0.8, 49.76S, 118.85E, h10km, mb4.6/1, Error
ellipse: s-maj=61.9km s-min=14.2km az=100.0
ISC 31 14:03:26.3, 1.1, 49.75S, 0.1, 118.6E, 0.3, h10km, n19,
059/10, mb4.0/4, MS3.6/3, Western Indian-Antarctic
Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

MEX 31 14:24:23.0, 1.0, 14.33N, 93.45W, h55km, 40km, MD3.8,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, etc.

IDC 31 14:29:23.1, 2.2, 49.70S, 119.23E, h0km, mb3.7/3,
mb1 4.0/4, mb1mx3.8/41, mbtm3.8/4, ML2.3/1, MS3.7/3,
MS1 3.7/3, ms1mx3.1/34, Error ellipse: s-maj=62.1km,
s-min=47.5km az=8.0

ISC 31 14:29:27.2, 0.9, 49.4S, 0.3, 119.3E, 0.4, h10km, n14,
0548/6, mb3.5/3, MS3.9/3, Western Indian-Antarctic
Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

CSEM 31 14:36:05.8, 0.1, 37.79N, 3.15W, h5km, ML2.9, Error
ellipse: s-maj=2.7km s-min=2.1km az=150.0
SFS 31 14:36:07.0, 37.77N, 3.11W, h6km, ML2.9
INMG 31 14:36:07.3, 1.2, 37.77N, 3.12W, h1km, 3km, Error
ellipse: s-maj=1.8km s-min=1.7km az=99.0
ISC 31 14:36:05.6, 3.1, 37.77N, 0.02, 3.13W, 0.02, h16km, 7km,
n133, r132/146, 4C-SD, Spain

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EQES Quesada, EQES Quesada, EQES Quesada, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GORA Gorafe, GORA Gorafe, GORA Gorafe, etc.

IDC 31 14:01:50.5, 3.5, 49.77S, 118.13E, h0km, mb3.9/2,
mb1 4.2/3, mb1mx3.7/44, mbtm4.0/3, ML2.2/1, MS4.1/1,
MS1 4.1/1, ms1mx2.8/34, Error ellipse: s-maj=128.8km
s-min=59.7km az=98.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ISCJB 31 14:03:24.6, 0.9, 49.77S, 0.1, 118.9E, 0.5, h10km, mb3.8/4,
MS3.5/3, Error ellipse: s-maj=45.0km s-min=14.1km
az=12.3

IDC 31 14:03:24.0, 3.1, 49.58S, 117.85E, h0km, mb3.9/3,
mb1 4.2/4, mb1mx3.8/43, mbtm4.1/4, ML2.6/1, MS3.5/4,
MS1 3.5/4, ms1mx3.0/35, Error ellipse: s-maj=120.0km
s-min=44.8km az=92.0

NEIC 31 14:03:26.6, 0.8, 49.76S, 118.85E, h10km, mb4.6/1, Error
ellipse: s-maj=61.9km s-min=14.2km az=100.0
ISC 31 14:03:26.3, 1.1, 49.75S, 0.1, 118.6E, 0.3, h10km, n19,
059/10, mb4.0/4, MS3.6/3, Western Indian-Antarctic
Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

MEX 31 14:24:23.0, 1.0, 14.33N, 93.45W, h55km, 40km, MD3.8,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG Comitán, CCIG Comitán, TGIG Comitán, etc.

IDC 31 14:29:23.1, 2.2, 49.70S, 119.23E, h0km, mb3.7/3,
mb1 4.0/4, mb1mx3.8/41, mbtm3.8/4, ML2.3/1, MS3.7/3,
MS1 3.7/3, ms1mx3.1/34, Error ellipse: s-maj=62.1km,
s-min=47.5km az=8.0

ISC 31 14:29:27.2, 0.9, 49.4S, 0.3, 119.3E, 0.4, h10km, n14,
0548/6, mb3.5/3, MS3.9/3, Western Indian-Antarctic
Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

CSEM 31 14:36:05.8, 0.1, 37.79N, 3.15W, h5km, ML2.9, Error
ellipse: s-maj=2.7km s-min=2.1km az=150.0
SFS 31 14:36:07.0, 37.77N, 3.11W, h6km, ML2.9
INMG 31 14:36:07.3, 1.2, 37.77N, 3.12W, h1km, 3km, Error
ellipse: s-maj=1.8km s-min=1.7km az=99.0
ISC 31 14:36:05.6, 3.1, 37.77N, 0.02, 3.13W, 0.02, h16km, 7km,
n133, r132/146, 4C-SD, Spain

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EQES Quesada, EQES Quesada, EQES Quesada, etc.

PVAQ		Sn	Sn	14 38 00.0	-1.4	ESAC	comp=N,848nm,0.3s,SNR=4.1	Pg	Pg	14 37 43.6	-0.4	ECAL	comp=N,49nm,0.4s,SNR=5.0	Lg	Lg	14 39 02.1
PVAQ		Lg	Lg	14 38 15.4		ESAC	comp=N,1µm,0.3s,SNR=5.3	Lg	Lg	14 38 43.6		ECAL	comp=N,224nm,0.3s,SNR=5.0	Lg	Lg	14 39 02.1
688nm,0.4s						ESAC	San Caprasio 4.35 27	Pn	Pn	14 37 28.5	+1.2	ECAL	Calabor 4.91 327	Pn	Pn	14 37 36.9 +1.9
PVAQ	Vaqueiros	3.67 264	∫Pn	14 37 17.5	-0.4	ESAC	comp=N,37nm,0.3s,SNR=8.0	Pn	Pn	14 37 28.5	+1.2	ECAL	Calabor 4.91 327	Pn	Pn	14 37 36.9 +1.9
PVAQ			eSn	14 38 00.0	-1.4	ESAC	comp=N,848nm,0.3s,SNR=4.1	Pg	Pg	14 37 43.6	-0.4	ECAL	comp=N,224nm,0.3s,SNR=5.0	Lg	Lg	14 39 02.1
PVAQ			eSg	14 38 15.4	-3.2	ESAC	San Caprasio 4.35 27	Pg	Pg	14 37 43.6	-0.4	ECAL	comp=N,38nm,0.4s,SNR=6.3	Sn	Sn	14 38 32.3 +0.1
688nm,0.4s						ESAC	comp=N,1µm,0.3s,SNR=5.3	Lg	Lg	14 38 43.6		ECAL	comp=N,49nm,0.4s,SNR=5.0	Lg	Lg	14 39 02.1
PMRV	Marv???	3.68 296	ePn	14 37 19.8	+1.8	ESAC	MORF Marletele 4.42 264	eP	Pn	14 37 27.4	-0.9	ECAL	comp=N,224nm,0.3s,SNR=5.0	Lg	Lg	14 39 02.1
PMRV			eSn	14 38 01.9	+0.3	MORF	MORF	eS	AML	14 38 16.5	-3.5	PMAFR	Mafr 4.95 284	ePn	Pn	14 37 35.8 +0.3
PMRV			eSg	14 38 18.9	+0.1	MORF	MORF	eS	AML	14 38 17.5		PMAFR	comp=N,224nm,0.3s,SNR=5.0	eSg	Sn	14 39 00.0 +0.4
PMRV			A	14 38 23.4		MORF	MORF	eS	AML	14 38 17.5		PMAFR	comp=N,778nm,0.5s	A	A	14 39 13.3
2µm,0.5s						MORF	comp=N,117nm,0.3s					PMAFR	Mafr 4.95 284	Pn	Pn	14 37 35.7 +0.3
PMRV	Marv???	3.68 296	Pn	14 37 19.8	+1.8	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,38nm,0.3s,SNR=15	Pn	Pn	14 37 53.5 -2.0
PMRV			Sn	14 38 01.9	+0.3	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
PMRV			Lg	14 38 18.9		MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,134nm,0.3s,SNR=5.6	Lg	Lg	14 39 00.8
PMRV			Lg	14 38 23.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
2µm,0.5s						MORF	MORF	eSg	A	14 38 49.5		PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PMRV	Marv???	3.68 296	ePn	14 37 19.8	+1.8	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
PMRV			Sn	14 38 01.9	+0.3	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,134nm,0.3s,SNR=5.6	Lg	Lg	14 39 00.8
PMRV			eSg	14 38 18.9	+0.1	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PMRV			A	14 38 23.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
2µm,0.5s						MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
EIBI		3.69 71	∫Pn	14 37 18.5	+0.3	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,134nm,0.3s,SNR=5.6	Lg	Lg	14 39 00.8
EIBI			Sn	14 38 01.1	-0.9	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
EIBI			Sn	14 38 15.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
EIBI			Sn	14 38 01.1	-0.9	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
EIBI			Sn	14 38 15.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,134nm,0.3s,SNR=5.6	Lg	Lg	14 39 00.8
148nm,0.7s,SNR=5.0						MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
Ibiza		3.69 71	Pn	14 37 18.5	+0.3	MORF	MORF	eSg	A	14 38 49.5		PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
Ibiza			Pn	14 38 01.1	-0.9	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
EIBI			Sn	14 38 15.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,134nm,0.3s,SNR=5.6	Lg	Lg	14 39 00.8
EIBI			Sn	14 38 01.1	-0.9	MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
EIBI			Sn	14 38 15.4		MORF	MORF	eSg	A	14 38 49.5		PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
148nm,0.7s,SNR=5.0						MORF	MORF	eSg	A	14 38 49.5		PMAFR	comp=N,48nm,0.3s,SNR=5.7	Pg	Pg	14 37 53.0 -1.9
PBEJ	Beja	3.75 274	ePn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	ePn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			eSn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	eSn	Pn	14 38 19.1	-1.5	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ			eSg	14 38 18.3	-2.7	PTEO	Sao Teotónio 4.45 267	eSg	Pn	14 38 40.1	-3.0	PMAFR	comp=N,778nm,0.5s	Lg	Lg	14 39 00.8
PBEJ			A	14 38 23.7		PTEO	Sao Teotónio 4.45 267	A	Pn	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
589nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ	Beja	3.75 274	Pn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	Sn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			Sn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			Lg	14 38 18.3		PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
294nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ	Beja	3.75 274	ePn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	ePn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			eSn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	eSn	Pn	14 38 19.1	-1.5	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ			eSg	14 38 18.3	-2.7	PTEO	Sao Teotónio 4.45 267	eSg	Pn	14 38 40.1	-3.0	PMAFR	comp=N,778nm,0.5s	Lg	Lg	14 39 00.8
PBEJ			A	14 38 23.7		PTEO	Sao Teotónio 4.45 267	A	Pn	14 38 49.5		PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
589nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ	Beja	3.75 274	Pn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	Sn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			Sn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			Lg	14 38 18.3		PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
294nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	ePn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	ePn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			eSn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	eSn	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			eSg	14 38 18.3	-2.7	PTEO	Sao Teotónio 4.45 267	eSg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ			A	14 38 23.7		PTEO	Sao Teotónio 4.45 267	A	Pn	14 38 49.5		PMAFR	comp=N,778nm,0.5s	Lg	Lg	14 39 00.8
589nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	Pn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	Sn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			Sn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			Lg	14 38 18.3		PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
294nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	ePn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	ePn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			eSn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	eSn	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			eSg	14 38 18.3	-2.7	PTEO	Sao Teotónio 4.45 267	eSg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ			A	14 38 23.7		PTEO	Sao Teotónio 4.45 267	A	Pn	14 38 49.5		PMAFR	comp=N,778nm,0.5s	Lg	Lg	14 39 00.8
589nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	Pn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	Sn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			Sn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			Lg	14 38 18.3		PTEO	Sao Teotónio 4.45 267	Lg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
294nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	ePn	14 37 18.7	-0.2	PTEO	Sao Teotónio 4.45 267	ePn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,24nm,0.4s,SNR=18	Sn	Sn	14 38 34.7 +0.2
PBEJ			eSn	14 38 02.1	-1.2	PTEO	Sao Teotónio 4.45 267	eSn	Pn	14 38 19.1	-1.5	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ			eSg	14 38 18.3	-2.7	PTEO	Sao Teotónio 4.45 267	eSg	Pn	14 38 40.1	-3.0	PMAFR	Mafr 4.95 284	Pg	Pg	14 37 53.5 -2.0
PBEJ			A	14 38 23.7		PTEO	Sao Teotónio 4.45 267	A	Pn	14 38 49.5		PMAFR	comp=N,778nm,0.5s	Lg	Lg	14 39 00.8
589nm,0.5s						PTEO	Sao Teotónio 4.45 267	Pn	Pn	14 37 28.2	-0.4	PMAFR	comp=N,1µm,0.5s,SNR=18	ePn	Pn	14 37 35.8 +0.3
PBEJ	Beja	3.75 274	Pn	14 37 18.7												

Table with multiple columns containing station call signs, frequencies, and signal strength indicators. Includes stations like EMIR, ECHI, SJPFF, EALK, ELOB, ATE, CSOR, EAR1, PGAV, LABF, CFON, EPFF, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PEL, STA, STL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, etc.

ISC/JB 31 16:59:31.0-0.7, 50.25N-0.04-19.14E-0.03, h0km, Error ellipse: s-maj=6.4km s-min=2.7km az=11.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OJC, OUC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STHS, VYHS, DPC, etc.

CSEM 31 17:01:40.9-0.4, 37.46N-27.49E, h1km, ML2.8, Error ellipse: s-maj=9.4km s-min=8.4km az=65.0, Suspected Mining explosion.

ISC/JB 31 17:01:41.0-0.5, 37.44N-0.03-27.52E-0.04, h0km, Error ellipse: s-maj=4.4km s-min=3.8km az=161.9

DDA 31 17:01:41.2, 37.44N-27.51E, h1km, ML2.8, Suspected Mining explosion.

ISK 31 17:01:41.0, 37.43N-27.45E, h18km, ML2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCAM, PRU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYDN, BODT, DGB, etc.

IDC 31 17:12:17.3-3.1, 49.50S-117.55E, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.6/3, mbtmp3.6/3, Error ellipse: s-maj=81.6km s-min=56.2km az=154.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, etc.

IDC 31 17:30:16.9-1.6, 1.14N-126.73E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.6/5, mbtmp3.9/5, MS3.3/1, Ms1 3.3/1, ms1mx2.2/5/3, Error ellipse: s-maj=172.9km s-min=19.2km az=67.0

NEIC 31 17:30:23.0-2.0, 6.13N-126.74E, h48km, 7km, mb4.6/7, Error ellipse: s-maj=7.9km s-min=5.2km az=57.0

ISC 31 17:30:22.7-0.7, 1.26N-109.126.89E-0.08, h35km, n21, a1576/21, mb4.3/12, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI, LUWI, FAKI, etc.

IDC 31 17:38:35.8-3.0, 49.65S-117.64E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/4, mbtmp3.6/3, Error ellipse: s-maj=80.0km s-min=56.1km az=155.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, etc.

CSEM 31 17:38:55.9-0.1, 40.85N-34.51E, h2km, ML2.9, Error ellipse: s-maj=129.5km s-min=2.8km az=132.0

DDA 31 17:38:55.4, 40.86N-34.51E, h18km, ML2.9

ISC 31 17:38:55.7-1.1, 40.85N-0.02-34.52E-0.02, h9km, 10km, n35, a0566/55, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTAK, CORM, COAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KVT, CDAG, YZOG, etc.

DDA 31 17:53:40.0, 41.41N-43.99E, h7km, ML2.9

TIF 31 17:53:39.9, 41.42N-44.05E, h16km

ISC/JB 31 17:53:39.1, 41.38N-44.06E, h7km, ML2.5

ISC/JB 31 17:53:40.5-0.5, 41.40N-0.03-44.05E-0.04, h2km, 6km, Error ellipse: s-maj=6.1km s-min=3.6km az=138.7

CSEM 31 17:53:40.4-0.2, 41.40N-44.05E, h2km, ML2.2, Error ellipse: s-maj=5.4km s-min=3.0km az=138.0

ISC 31 17:53:40.3-0.9, 41.41N-0.03-44.05E-0.02, h15km, 8km, n32, a059/54, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZR, AKH, BTLG, etc.

IDC 31 17:58:37.3-4.7, 10.89S-164.67E, h68km, 34km, mb3.2/3, mb1 3.6/5, mb1mx3.3/4, mbtmp3.9/5, ML4.3/2, MS3.2/1, Ms1 3.2/1, ms1mx2.7/19, Error ellipse: s-maj=58.9km s-min=35.2km az=58.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, DZM, WRA, etc.

IDC 31 18:10:41.1-1.1, 9.929S-125.48E, h0km, mb3.5/1, mb1 3.9/5, mb1mx3.5/5, mbtmp3.7/5, ML3.6/4, Error ellipse: s-maj=40.3km s-min=28.0km az=66.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI, FITZ, WRA, etc.

IDC 31 18:13:40.2-2.0, 49.50S-118.02E, h0km, mb3.7/3, mb1 4.1/4, mb1mx3.8/4, mbtmp3.9/4, ML2.2/1, Error ellipse: s-maj=57.7km s-min=46.0km az=86.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZIL, AFYON, GDZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLK, MCK, CNMP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONAJ, ONAJ, JMM, etc.

IDC 31 18:59:57.9, 1.2, 2.86S, 129.59E, h0km, mb3.97, mb1 4.0/9, mb1mx3.7/51, mbtrp3.9/9, ML3.4/2, MS3.3/1, Ms1 3.3/1, ms1mx2.5/50, Error ellipse: s-maj=7.34km s-min=19.7km az=70.0

MAN 31 19:32:51, 9.38N x 126.22E, h11km, mb4.2, ML3.0, MS2.8, Mindanao

Code Station Name Az Phase ID Time Res. Includes stations like KATASHINA, KATASHINA, KATASHINA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI, TINTI, MANTAN, etc.

ISCJB 31 19:35:06.9, 0.3, 24.14S, 0.04, 67.07W, 0.04, h181km, mb3.7/9, Error ellipse: s-maj=7.2km s-min=3.6km az=37.9

Code Station Name Az Phase ID Time Res. Includes stations like BUTP, SCPH, MSPL, etc.

NEIC 31 19:15:20.0, 0.0, 60.27N x 140.11W, h1km, ML2.7(AEIC), ML2.8(OTT), After OTT

Code Station Name Az Phase ID Time Res. Includes stations like SJA, GUC, IDC, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ERM, ERM, ERM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCA, PCA, PCA, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ALOL, ILOMAS, ILOMAS, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ASAJ, ASAJ, ASAJ, etc.

Code Station Name Az Phase ID Time Res. Includes stations like AHML, ANCH, ANCH, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MDJ, MDJ, MDJ, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PB01, IPOC, IPOC, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PB11, CERRO, CPUP, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PLCA, TXAR, TXAR, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PDAR, Pinedale, Pinedale, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ULM, Lac du Bonnet, Lac du Bonnet, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NVAR, Mina Array, Mina Array, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MATP, Matop, Matop, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like YKA, Yellowknife, Yellowknife, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like WARR, Warramunga, Warramunga, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like SEY, Seymchan, Seymchan, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KURBB, Kurchatov, Kurchatov, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ZALV, Zalesovo, Zalesovo, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MKR, Makanchi, Makanchi, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like SONM, Songino, Songino, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NIED, NIED, NIED, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like BUI, BUI, BUI, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MOS, MOS, MOS, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like NEIC, NEIC, NEIC, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JMA, JMA, JMA, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like IDC, IDC, IDC, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ISC, ISC, ISC, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

Code Station Name Az Phase ID Time Res. Includes stations like JFK, Kawachi, Kawachi, etc.

Code Station Name Az Phase ID Time Res. Includes stations like MA2, MA2, MA2, etc.

31d 19h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for stations in the 31d 19h range.

2012 JAN

Main table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations including regional and international ones.

1546

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for stations in the 1546 range.

NCC 31:19:37.14.2.1.4, 36.98N:71.09E, h127km, mb3.0, mpv3.8, 4C-4D, Error ellipse: s-maj=142.7km s-min=11.6km az=89.0, Afghanistan-Tajikistan border

31d 21h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like TIXI, KKN, DMN, WMQ, etc.

2012 JAN

Main table of seismic events for January 2012, including station names, times, magnitudes, and locations. Includes stations like PSGC, MNMC, LPAZ, etc.

1548

Table of seismic events for station 1548, including station names, times, magnitudes, and locations. Includes stations like ellipsee, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Bougainville-Solomon Islands region.

ISCJB 31 21:17:47.0.6, 47:83N.07:17.5E:0.1, h64km, mb3.0/12, Error ellipse: s-maj=14.4km s-min=3.5km

KRSC 31 21:17:48.5.1.3, 47:66N.155:92E, h8km.34km, ML4.3 MOS 31 21:17:48.1.1.4, 47:74N:153:78E, h78km, mb4.1/8, Error ellipse: s-maj=15.0km s-min=5.2km az=70.2

SKHL 31 21:17:49.4.0.8, 47:90N:153:58E, h80km.4km, mb4.8/2, msh5.6/4 IDC 31 21:17:52.8.2.5, 47:91N:153:55E, h93km.21km, mb3.4/11, mb1.3.6/16, mb1mx3.9/6, mbtmp3.8/16, Error ellipse: s-maj=23.0km s-min=16.0km az=161.0

ISC 31 21:17:48.6.0.8, 47:74N.009:153.91E:0.09, h64km, n68, +f64/77, mb3.8/12, 2C-1D, Kuril Islands

Main table of station data for Bougainville-Solomon Islands region, including codes like SKR, SKL, SKP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Kurk Kurchatov, Kurk Kurchatov Arra, etc.

IDC 31 21:19:40.8.0.7, 3:02S: 130:19E, h0km, mb4.0/10, mb1.4.1/12, mb1mx3.8/6, mbtmp4.0/12, ML4.1/2, MS3.3/4, Ms1.3/4, ms1mx2.8/7.0, Error ellipse: s-maj=41.2km s-min=14.7km az=67.0

NEIC 31 21:19:47.5.1.4, 3:08S: 130:24E, h53km.15km, mb4.3/2, Error ellipse: s-maj=12.5km s-min=10.7km az=77.0

ISC 31 21:19:50.6.0.6, 3:02S: 130:32E:0.07, h25km, n23, +f156/27, mb4.1/12, MS3.1/3, Serrano

Main table of station data for Kurk Kurchatov region, including codes like FAKI, BATI, FITZ, etc.

SJA 31 21:23:58.0.0.3, 32:99S:72:07W, h53km.3km, ML4.1, MW4.0

IDC 31 21:24:00.4.1.2, 32:51S:71:26W, h0km, mb3.5/2, mb1.3.7/3, mb1mx3.4/36, mbtmp3.5/3, ML3.8/1, MS3.1/2, Ms1.3.1/2, ms1mx2.7/22, Error ellipse: s-maj=55.8km s-min=33.2km az=77.0

ISCJB 31 21:24:04.4.0.8, 32:75S:0.03:71:65W.0.07, h44km.12km, mb3.3/2, Error ellipse: s-maj=10.2km s-min=5.5km az=171.1

GUC 31 21:24:05.3.0.6, 32:66S:71:38W, h46km.4km, ML3.7 NEIC 31 21:24:05.0.0.0, 32:66S:71:38W, h46km, ML3.7(GUC), After GUC.

NEIC Feil [III] at La Ligua, Villa Alemana and Zapallar; [II] at Hiji, Quillota, Flanquera, Valparaiso and Vina del Mar. ISC 31 21:24:04.7.1.3, 32:79S:0.05:71:71W.0.08, h39km.4km, n37, +f54/48, 5C-3D, Near coast of central Chile

Main table of station data for Kurk Kurchatov region, including codes like PEL, RCDM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MRA, ACLO, etc.

ROM 31 21:29:30.5.0.2, 44:73N:11:89E, h5km, Md2.5/10, Ml2.5/9, Error ellipse: s-maj=2.2km s-min=1.4km az=94.0

CSEM 31 21:29:30.2.3.4, 44:73N:11:93E, h2km, Ml2.6/6, Error ellipse: s-maj=6.2km s-min=4.9km az=85.0

VIE 31 21:29:31.5.1.7, 44:82N:11:88E, h2km.7km, mb2.2/4, ML2.1/12, Error ellipse: s-maj=10.8km s-min=8.3km az=45.0

ISC 31 21:29:30.6.1.2, 44:74N:0.02:11.89E:0.03, h2km.11km, n58, +091/86, 1C, Northern Italy

Main table of station data for Kurk Kurchatov region, including codes like FIU, TEOL, etc.

31d 23h

Table with columns: SOKA, SOBH, MOA, MOA. Includes station names like SOKA, SOBH, MOA and various parameters like 2.94, 47, Pn, Pn, 21 30 19.4 +1.1.

IDC 31 21:52:46.9.3.6, 22'23N-93'00E, h0km, mb3.4/2, mb1 3.3/3, mb1mx3.0/67, mbtmp3.3/3, ML3.1/1, Error ellipse: s-maj=126.2km s-min=32.4km az=54.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMP, CMAR, MKAR, ZALV.

ISC/JB 31 22:00:41.9.1.0, 3'4N, 0'1x129'2E, 0.3, h35km, mb3.8/10, Error ellipse: s-maj=40.8km s-min=10.0km az=153.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, CMAR, STKA, TAPN, ODAN, RAMN, JIRN, GUN, PKI, PKIN, SONM, KOLN, PYUN, MKAR, KURBB, BVAR, VDA.

IDC 31 22:03:18.7.5.5, 49'29S-116'21E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.6/39, mbtmp3.7/2, Error ellipse: s-maj=817.5km s-min=72.5km az=119.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, ASAR, WRA, YKA.

IDC 31 22:11:39.2.2.1, 6'71S-129'48E, h0km, mb3.4/1, mb1 3.7/4, mb1mx3.4/55, mbtmp3.5/4, ML3.2/3, MS2.8/1, MS1 2.8/1, ms1mx2.4/26, Error ellipse: s-maj=90.9km s-min=27.9km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WRA, WRA, ASAR, MKAR.

IDC 31 22:14:22.5.26.0, 17'82S-173'08W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/50, mbtmp4.0/4, Error ellipse: s-maj=491.1km s-min=174.5km az=71.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA, STKA, WRA, ASAR.

IDC 31 22:27:17.6.3.5, 7'87S-116'03E, h0km, mb3.1/3, mb1 3.4/3, mb1mx3.2/52, mbtmp3.2/3, Error ellipse: s-maj=274.8km s-min=25.4km az=50.0, Bali Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR.

IDC 31 22:43:33.3.2.9, 8'55S-117'11E, h144km, mb3.2/7, mb1 3.3/9, mb1mx3.2/54, mbtmp3.7/9, Error ellipse: s-maj=62.8km s-min=11.2km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI, BATI, FITZ, FITZ.

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Table with columns: WRA, ASAR, SONM, MKAR, KURBB, ZALV, BVAR. Includes station names and parameters like 20.16 125 P, 22 47 56.0 +0.6.

KRSC 31 23:10:25.6.0.6, 55'79N x 161'13E, h135km, 6km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LGNR, BZMR, CIRR, KIRR, KMMR, KMMR, KPT, KLY, TUMR, KOZ, BDR, SMKR, KZV, KZR, SRKR, KBTR, ESO, KII, SPN, SPN, GNL, BKI, NLC, KRX, SLDL, SMAR, AVH, KOK, UGLR, DALM, KRMR, OSSR, APC, RUS, MTRV, ASAK, KDTR, TILK.

IDC 31 23:15:02.4.4.6, 49'70S x 117'05E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/43, mbtmp3.6/2, MS3.5/3, MS1 3.5/3, ms1mx3.0/32, Error ellipse: s-maj=305.3km s-min=51.8km az=109.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2, H01W1, H01W3, STKA, ASAR, ASAR, MAW, WRA, PDAR, YKA.

ISC/JB 31 23:30:04.5.0.8, 32'36N, 0'09:138'22E, 0.10, h376km, mb3.4/9, Error ellipse: s-maj=14.6km s-min=8.1km az=141.0

JMA 31 23:30:04.6.0.3, 32'19N x 138'28E, h361km, 4km, M3.3, IDC 31 23:30:04.8.2.2, 32'38N x 138'11E, h355km, 19km, mb3.2/9, mb1 3.1/1, mb1mx3.0/63, mbtmp3.8/11, Error ellipse: s-maj=41.6km s-min=20.9km az=69.0

ISC 31 23:30:06.2.1.0, 32'5N, 0'1:138'2E, 0.11, h376km, n22, 084/28, mb3.5/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TTO2, TTO4, TTO1, JIE, JOD2, BSO3, BSO3, JYN, JYN, BSO4, BSO4, BSO1, JHU, JRY, JRY, MJAR, KRSR, SONM, ZALV, MKAR, KURBB, WRA, FINES, AKASG, HFS, BRTR.

1550

Table with columns: MEX 31 23:40:26.9.0.3, 16'01N-95'95W, h71km, 4km, MD3.7, Oaxaca. Includes Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: HUIG, HUIG, VHO, PNIG, PNIG, PCIG, PCIG. Includes station names and parameters like 0.29 213 Op, 1.30 325 eP, 2.13 281 eP, 2.64 96 eP.

ISC Computed Locations for January 2012

